

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
 Data File : VW018872.D
 Acq On : 30 Apr 2021 11:30
 Operator : SY/VA
 Sample : M2192-01RE
 Misc : 4.19G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG595RE

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M

Title : SFAM01.0

Signal : TIC: VW018872.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.989	11	14	36	rVB	44232	117038	0.26%	0.073%
2	2.361	65	75	87	rBV	154140	323325	0.72%	0.202%
3	2.892	154	162	177	rVV	117579	291914	0.65%	0.182%
4	4.019	335	347	360	rBV	259661	786529	1.75%	0.491%
5	4.135	360	366	387	rVB	28993	92980	0.21%	0.058%
6	4.922	482	495	513	rBV3	35148	134060	0.30%	0.084%
7	5.787	625	637	653	rVV5	9829	36789	0.08%	0.023%
8	5.946	653	663	674	rVB3	12804	39960	0.09%	0.025%
9	7.086	841	850	856	rBV	52523	152565	0.34%	0.095%
10	7.653	932	943	958	rBV	360718	909489	2.02%	0.568%
11	8.275	1031	1045	1062	rBV2	715749	2230813	4.95%	1.393%
12	8.439	1062	1072	1078	rBV4	15586	39198	0.09%	0.024%
13	8.573	1089	1094	1106	rVB3	27153	64886	0.14%	0.041%
14	8.842	1129	1138	1151	rBV	730974	1463564	3.25%	0.914%
15	9.274	1200	1209	1215	rBV	480405	1036776	2.30%	0.648%
16	9.335	1215	1219	1225	rVV2	149317	281517	0.63%	0.176%
17	9.384	1225	1227	1239	rVB4	26909	61198	0.14%	0.038%
18	9.610	1254	1264	1272	rVB	73864	151671	0.34%	0.095%
19	9.750	1280	1287	1297	rVB2	109328	213044	0.47%	0.133%
20	9.902	1307	1312	1315	rBV	36143	58321	0.13%	0.036%
21	9.945	1315	1319	1326	rVB2	31551	59197	0.13%	0.037%
22	10.037	1326	1334	1339	rBV	235609	436667	0.97%	0.273%
23	10.079	1339	1341	1345	rVB	38488	49781	0.11%	0.031%
24	10.128	1345	1349	1356	rVB	46028	83111	0.18%	0.052%
25	10.207	1356	1362	1366	rBV3	35146	75162	0.17%	0.047%
26	10.323	1373	1381	1396	rBV	1283047	2529870	5.62%	1.580%
27	10.445	1396	1401	1404	rBV	66493	108506	0.24%	0.068%
28	10.506	1404	1411	1418	rVB4	203976	499886	1.11%	0.312%
29	10.579	1418	1423	1427	rBV	147951	273181	0.61%	0.171%
30	10.622	1427	1430	1433	rVV2	87133	128018	0.28%	0.080%
31	10.665	1433	1437	1446	rVB	230188	408476	0.91%	0.255%
32	10.762	1446	1453	1457	rBV4	120204	258612	0.57%	0.162%
33	10.847	1463	1467	1472	rVB	127733	207787	0.46%	0.130%
34	10.933	1472	1481	1488	rBV2	656152	1229705	2.73%	0.768%
35	11.036	1488	1498	1506	rBV2	223186	629657	1.40%	0.393%
36	11.110	1506	1510	1513	rBV2	117573	177578	0.39%	0.111%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Title : SFAM01.0

37	11.146	1513	1516	1517	rBV2	46785	52415	0.12%	0.033%
38	11.177	1517	1521	1525	rVV	375771	548402	1.22%	0.342%
39	11.231	1525	1530	1536	rVB	929692	1621714	3.60%	1.013%
40	11.286	1536	1539	1542	rBV2	76033	87976	0.20%	0.055%
41	11.335	1542	1547	1552	rBV2	523277	912041	2.03%	0.570%
42	11.378	1552	1554	1559	rVB2	157271	219846	0.49%	0.137%
43	11.439	1559	1564	1571	rVB	381846	661038	1.47%	0.413%
44	11.506	1571	1575	1579	rBV	145735	222993	0.50%	0.139%
45	11.561	1579	1584	1590	rBV5	75227	159207	0.35%	0.099%
46	11.634	1590	1596	1606	rBV	750988	1397353	3.10%	0.873%
47	11.725	1607	1611	1614	rBV2	68307	100409	0.22%	0.063%
48	11.768	1614	1618	1620	rBV	201874	287794	0.64%	0.180%
49	11.805	1620	1624	1630	rVB4	375075	746352	1.66%	0.466%
50	11.872	1630	1635	1639	rBV	624897	1080024	2.40%	0.675%
51	11.914	1639	1642	1647	rVB3	518814	865505	1.92%	0.541%
52	11.975	1647	1652	1659	rBV2	241983	563054	1.25%	0.352%
53	12.061	1659	1666	1671	rVB4	219927	491788	1.09%	0.307%
54	12.140	1671	1679	1686	rBV4	928787	2360130	5.24%	1.474%
55	12.250	1690	1697	1702	rVB	1697571	2833141	6.29%	1.769%
56	12.365	1702	1716	1724	rBV3	1820855	6641028	14.75%	4.148%
57	12.457	1727	1731	1733	rBV3	279857	448241	1.00%	0.280%
58	12.500	1735	1738	1746	rVB5	820152	1665004	3.70%	1.040%
59	12.561	1746	1748	1752	rVB2	104497	129037	0.29%	0.081%
60	12.621	1752	1758	1763	rBV2	408392	694092	1.54%	0.433%
61	12.695	1763	1770	1776	rBV3	714656	1796984	3.99%	1.122%
62	12.780	1779	1784	1790	rVB2	1355768	2441688	5.42%	1.525%
63	12.853	1790	1796	1801	rBV4	643911	1462066	3.25%	0.913%
64	12.938	1801	1810	1816	rBV5	1579834	4747277	10.54%	2.965%
65	12.993	1816	1819	1823	rVB3	846136	1236604	2.75%	0.772%
66	13.042	1823	1827	1828	rBV3	169923	202192	0.45%	0.126%
67	13.079	1829	1833	1836	rBV3	690035	1108749	2.46%	0.692%
68	13.164	1844	1847	1854	rVB3	817080	1359263	3.02%	0.849%
69	13.262	1860	1863	1865	rBV3	248723	334622	0.74%	0.209%
70	13.292	1865	1868	1872	rVB	555740	708710	1.57%	0.443%
71	13.347	1873	1877	1880	rBV2	895235	1287168	2.86%	0.804%
72	13.469	1886	1897	1905	rVB	26625564	45037143	100.00%	28.128%
73	13.560	1908	1912	1914	rBV2	408218	597555	1.33%	0.373%
74	13.701	1929	1935	1939	rBV4	826242	1708827	3.79%	1.067%
75	13.877	1948	1964	1968	rBV4	2735625	6809320	15.12%	4.253%
76	13.920	1968	1971	1975	rVV3	929588	1373329	3.05%	0.858%

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 Title : SFAM01.0

77	13.975	1977	1980	1984	rVV3	579415	883167	1.96%	0.552%
78	14.018	1984	1987	1992	rBV3	444396	899844	2.00%	0.562%
79	14.133	2003	2006	2011	rVB	1227689	1830471	4.06%	1.143%
80	14.194	2011	2016	2021	rBV4	889764	1800678	4.00%	1.125%
81	14.261	2023	2027	2033	rVV5	960582	1669284	3.71%	1.043%
82	14.316	2033	2036	2040	rVV5	462422	619512	1.38%	0.387%
83	14.383	2040	2047	2052	rBV4	2883613	5404189	12.00%	3.375%
84	14.548	2069	2074	2079	rBV7	1419479	2378473	5.28%	1.485%
85	14.658	2089	2092	2096	rBV	338687	427679	0.95%	0.267%
86	14.737	2101	2105	2110	rVV4	694777	1383019	3.07%	0.864%
87	14.792	2110	2114	2118	rVV3	1960622	3661168	8.13%	2.287%
88	14.841	2118	2122	2129	rVB2	2457135	4927166	10.94%	3.077%
89	15.060	2154	2158	2162	rVB5	810300	1297326	2.88%	0.810%
90	15.182	2172	2178	2183	rBV4	827864	2312635	5.13%	1.444%
91	15.243	2184	2188	2189	rBV3	554043	814731	1.81%	0.509%
92	15.322	2196	2201	2206	rBV	3455731	5779883	12.83%	3.610%
93	15.572	2237	2242	2247	rBV6	647322	1374549	3.05%	0.858%
94	15.627	2247	2251	2253	rBV3	552258	831315	1.85%	0.519%
95	15.725	2263	2267	2275	rVB5	1373321	2663678	5.91%	1.664%
96	15.865	2287	2290	2294	rBV4	331864	553772	1.23%	0.346%
97	16.212	2343	2347	2353	rVB2	632612	1131194	2.51%	0.706%
98	16.279	2353	2358	2366	rVB	1655232	3243263	7.20%	2.026%
99	16.438	2380	2384	2395	rVB3	502022	1079757	2.40%	0.674%
100	16.535	2396	2400	2405	rVB	319618	510131	1.13%	0.319%

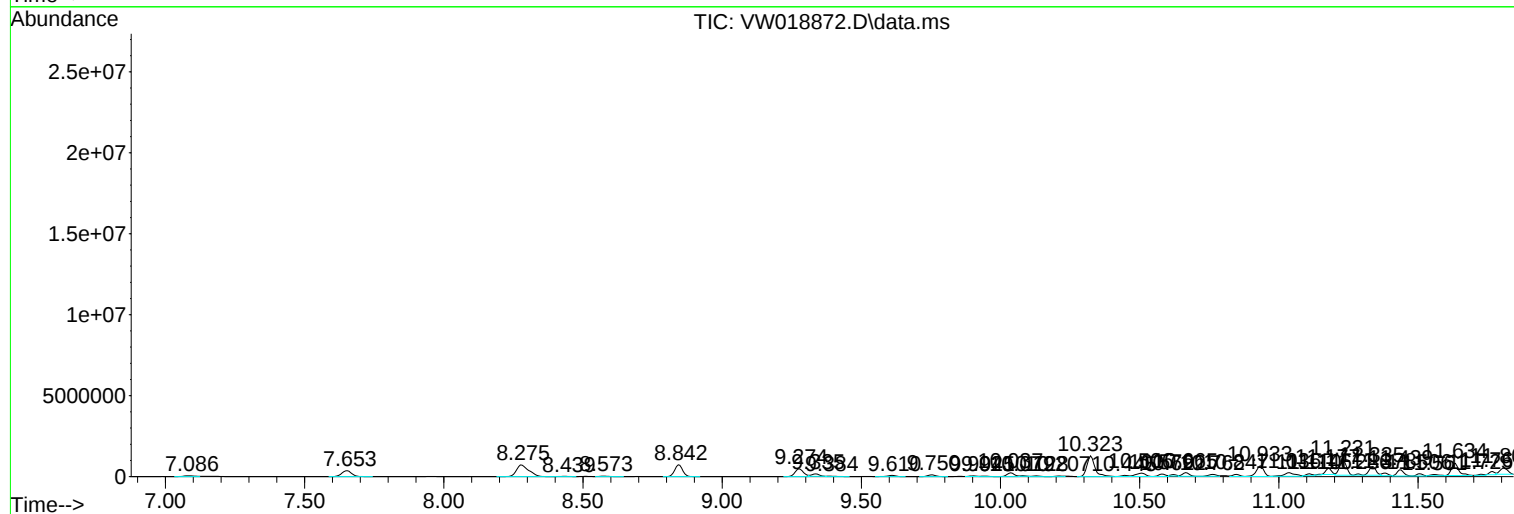
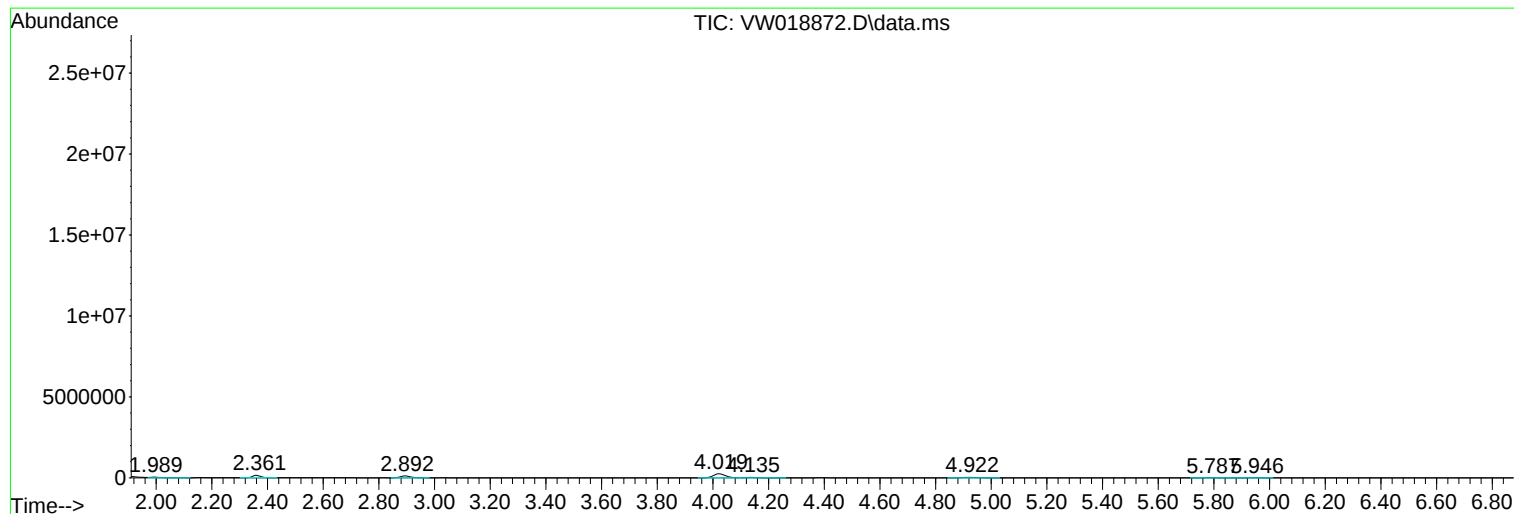
Sum of corrected areas: 160117796

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Instrument :
MSVOA_W
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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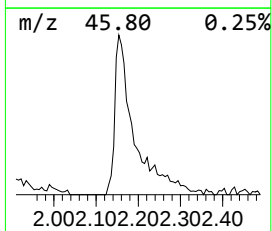
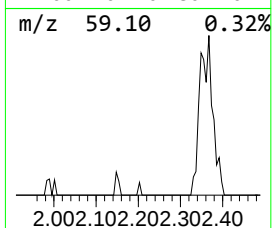
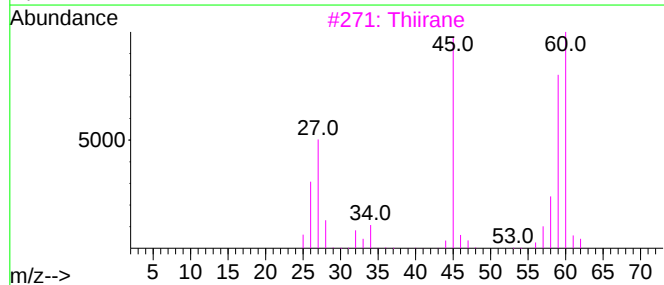
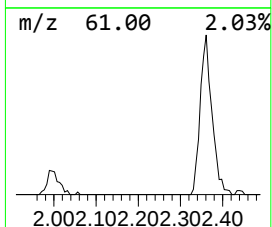
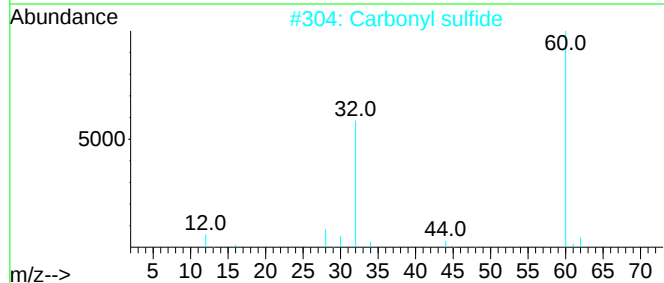
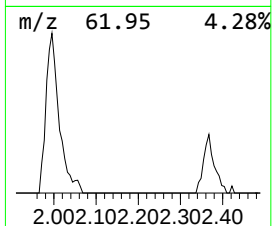
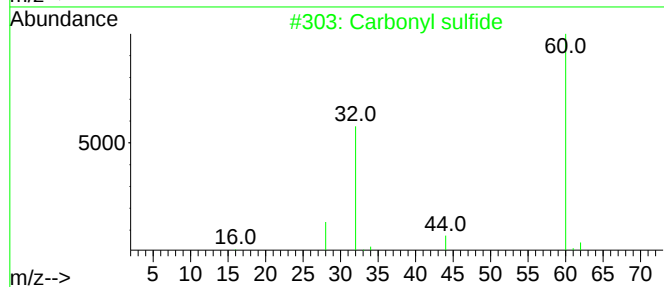
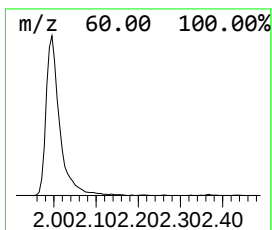
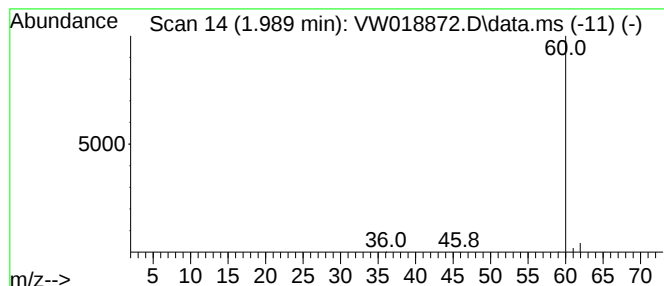
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown-01 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.989	2.00 ug/L	117038	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonyl sulfide	60	COS	000463-58-1	5
2			Carbonyl sulfide	60	COS	000463-58-1	5
3			Thiirane	60	C2H4S	000420-12-2	4
4			Urea	60	CH4N2O	000057-13-6	4
5			Urea	60	CH4N2O	000057-13-6	4



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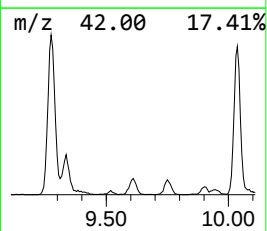
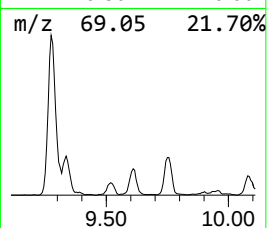
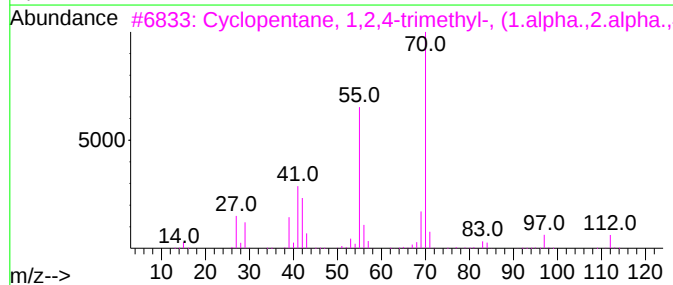
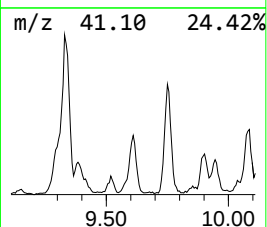
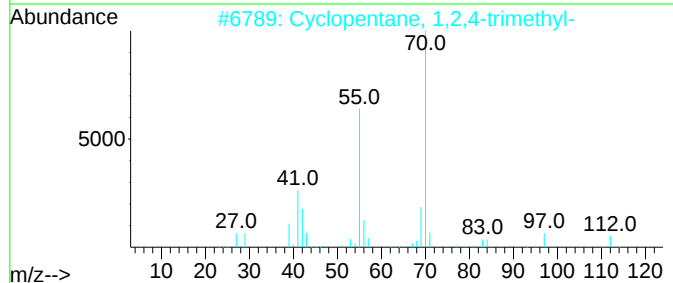
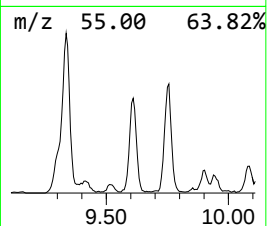
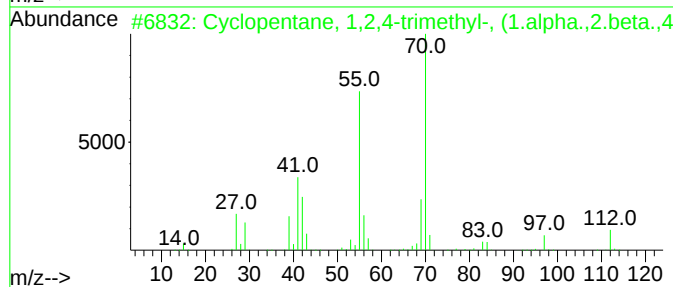
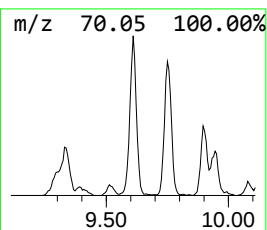
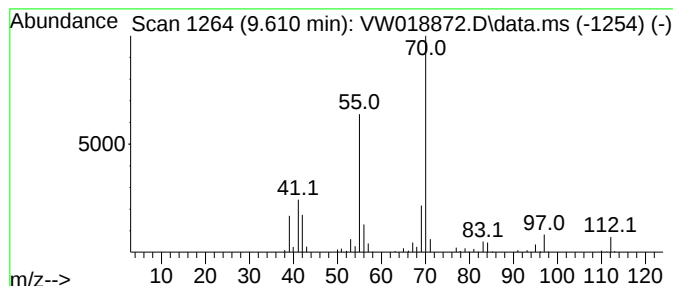
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic9.610 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.610	2.59 ug/L	151671	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	94
2			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	91
3			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	91
4			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	87
5			Tridecane, 3-methylene-	196	C14H28	019780-34-8	72



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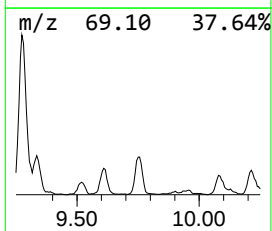
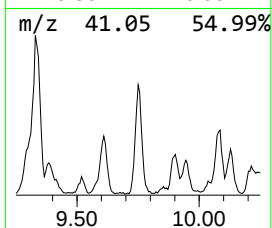
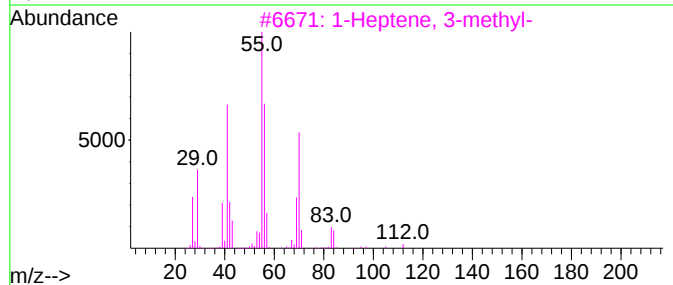
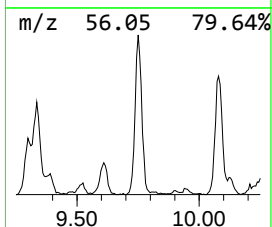
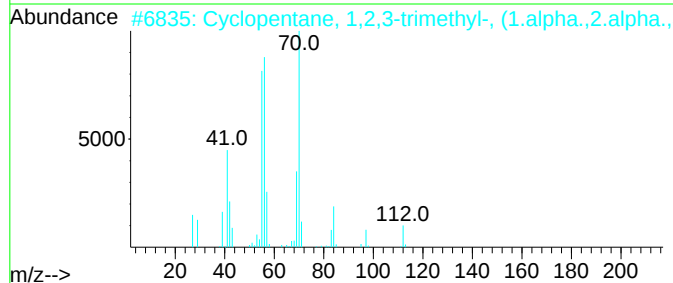
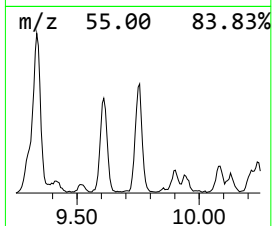
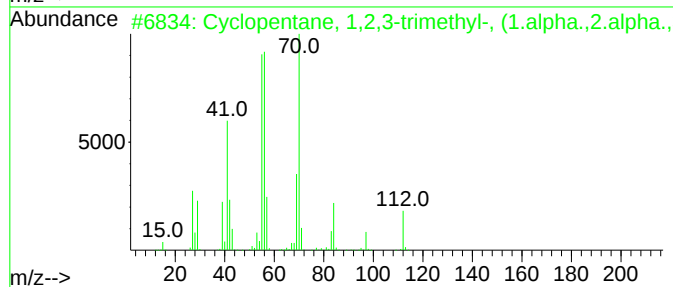
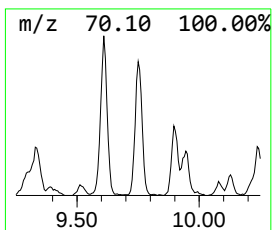
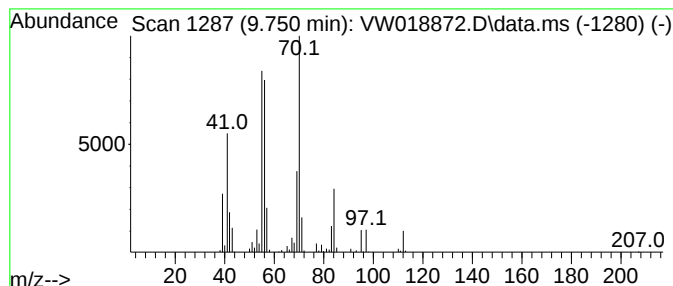
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic9.750 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.750	3.64 ug/L	213044	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	90
2			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	90
3			1-Heptene, 3-methyl-	112	C8H16	004810-09-7	81
4			Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	59
5			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

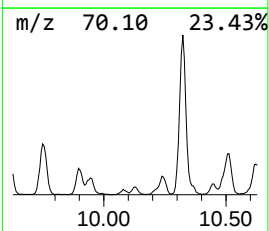
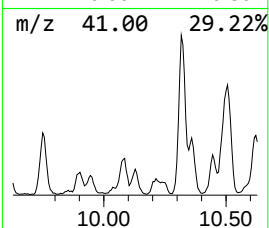
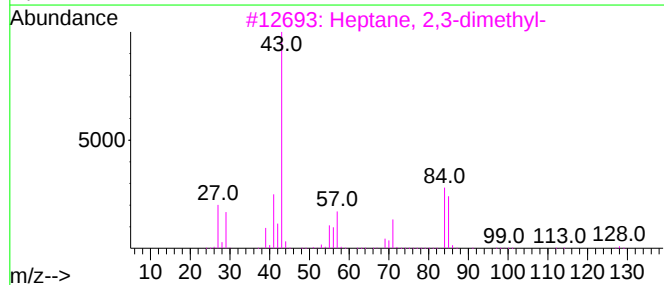
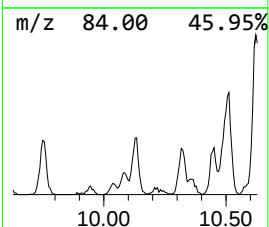
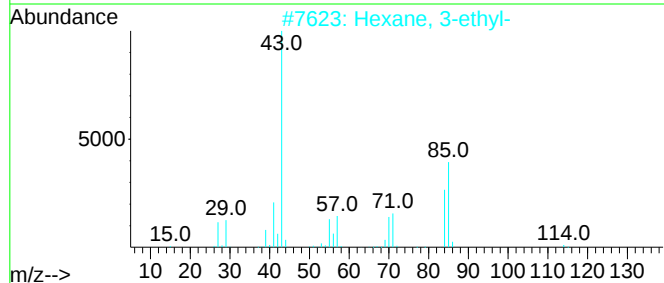
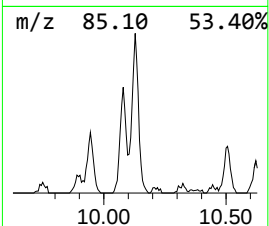
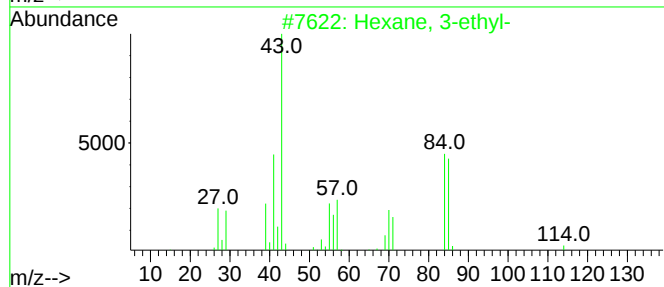
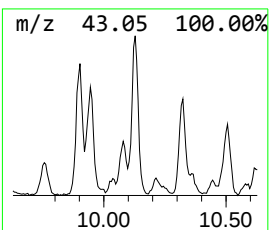
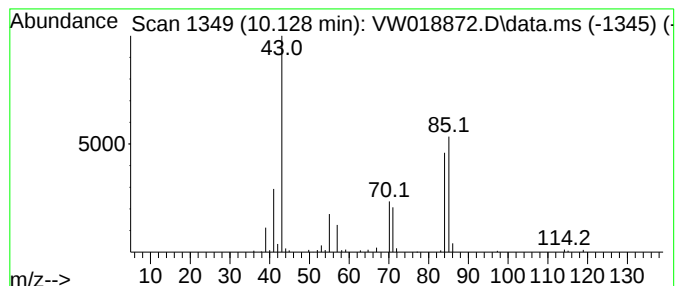
Instrument :
MSVOA_W
ClientSampleId :
BG595RE

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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.128	1.42 ug/L	83111	1,4-Difluorobenzene	8.842	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-ethyl-	114	C8H18	000619-99-8	78
2	Hexane, 3-ethyl-	114	C8H18	000619-99-8	78
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	64
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	45
5	2H-Pyran, tetrahydro-2-[(tetrahy...	186	C10H18O3	000710-14-5	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

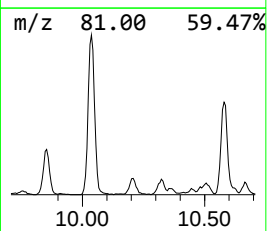
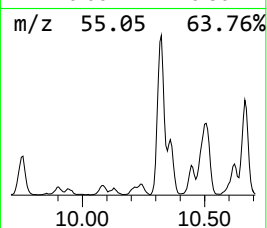
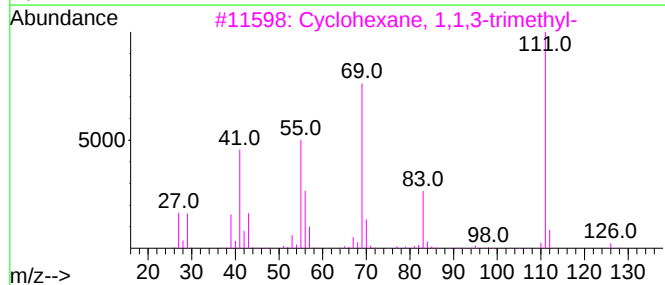
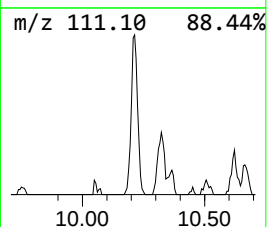
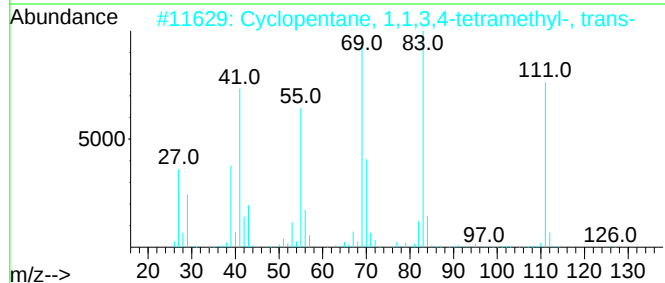
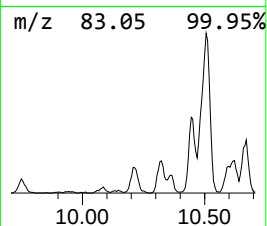
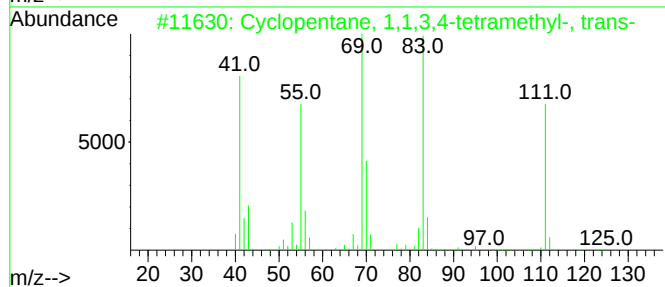
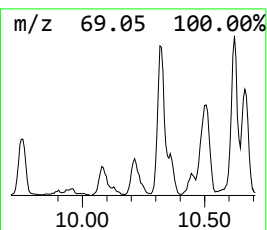
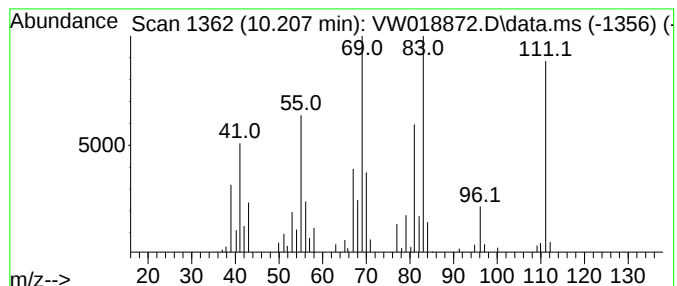
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Cyclic10.207 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.207	1.28 ug/L	75162	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	53
2			Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	53
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	43
4			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	42
5			3-Amino-2-cyclohexenone	111	C6H9NO	005220-49-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

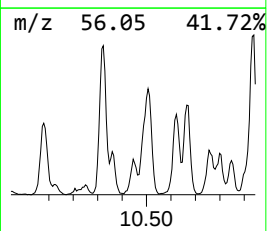
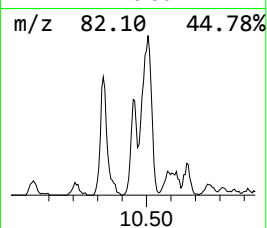
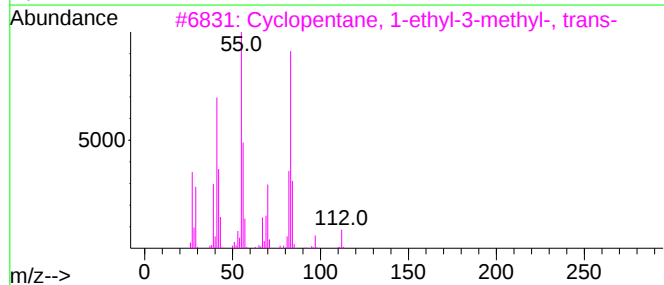
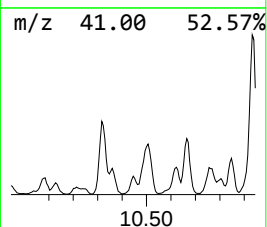
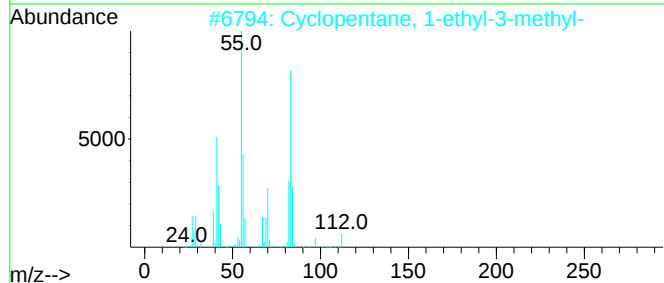
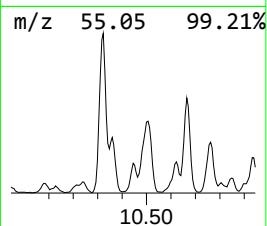
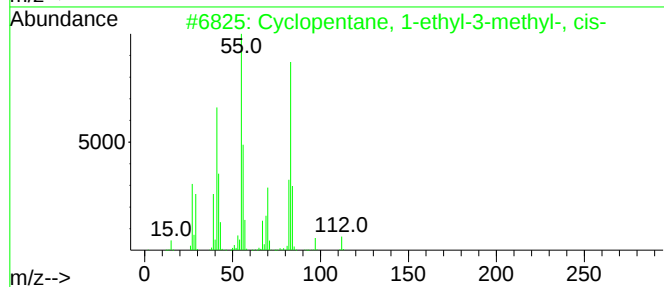
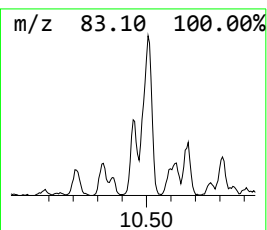
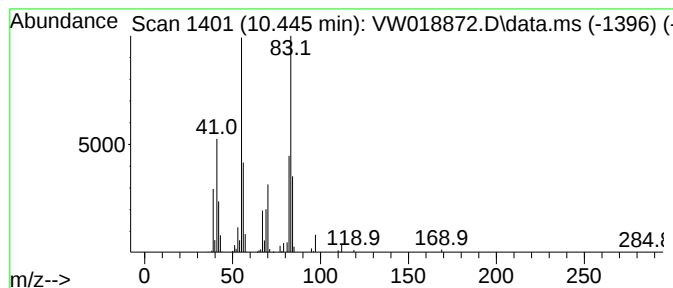
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Cyclic10.445 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.445	1.94 ug/L	108506	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	87
2			Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	72
3			Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	64
4			3-Ethylcyclopentanone	112	C7H12O	010264-55-8	49
5			trans-3,4-Dimethyl-2-hexene	112	C8H16	019550-82-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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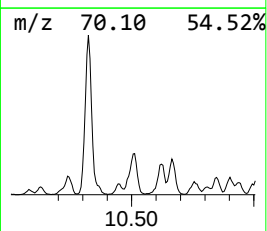
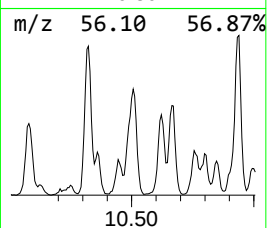
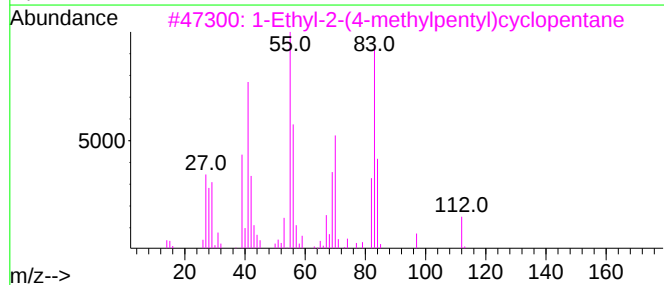
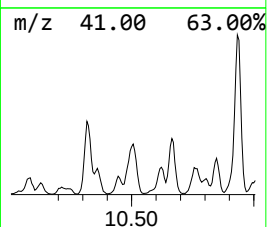
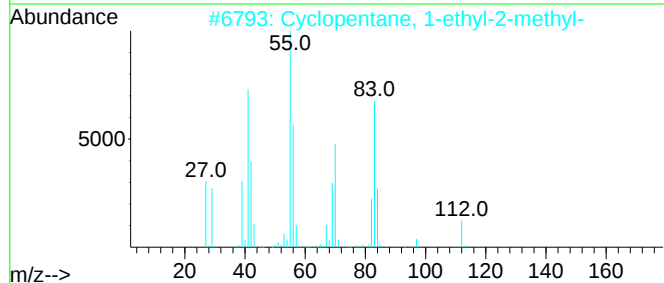
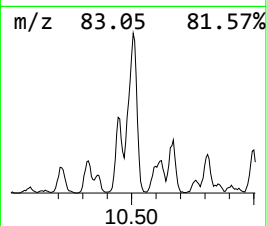
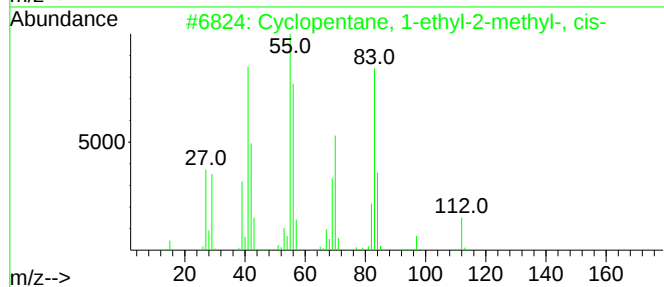
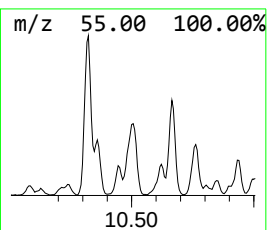
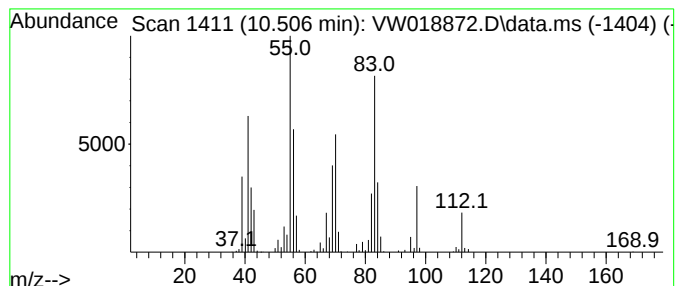
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Cyclic10.506 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.506	8.94 ug/L	499886	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	90
2			Cyclopentane, 1-ethyl-2-methyl-	112	C8H16	003726-46-3	87
3			1-Ethyl-2-(4-methylpentyl)cyclop...	182	C13H26	219726-60-0	87
4			Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	86
5			1,2-Cyclohexanedione	112	C6H8O2	000765-87-7	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

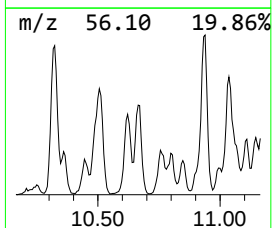
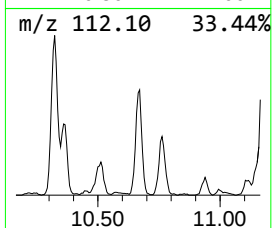
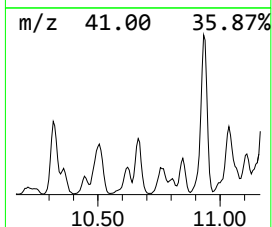
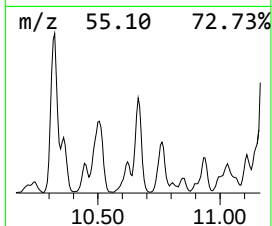
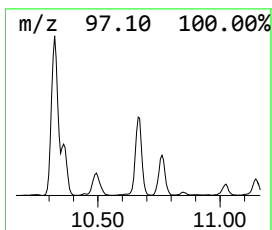
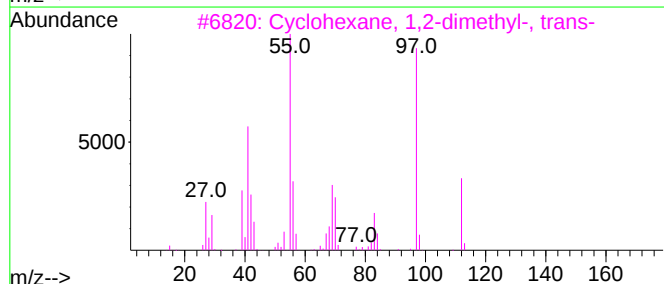
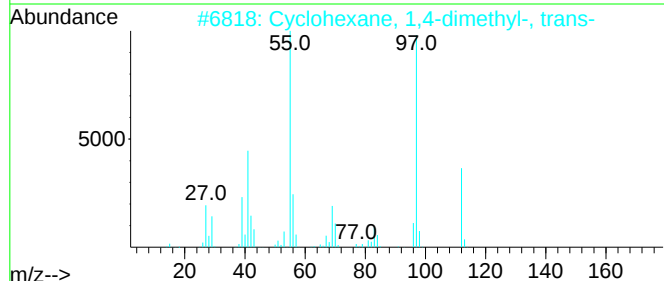
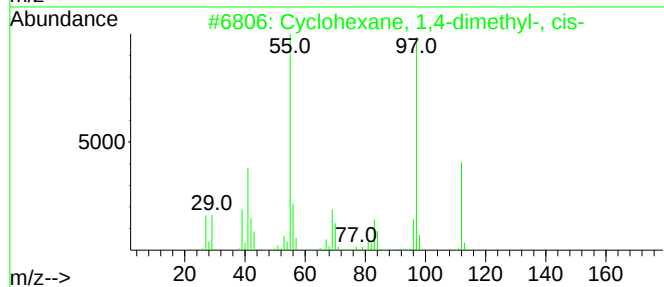
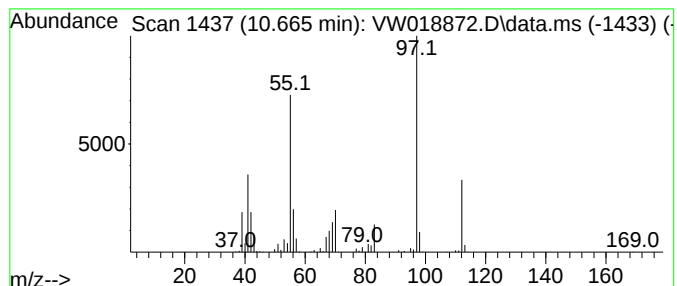
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Cyclic10.665 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.665	7.31 ug/L	408476	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	90
2			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	87
3			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	87
4			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	83
5			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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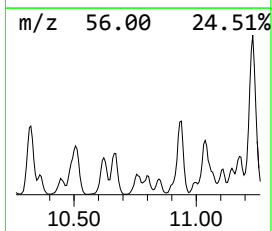
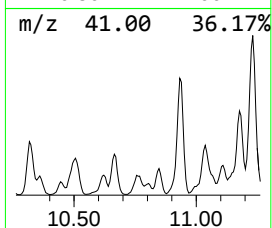
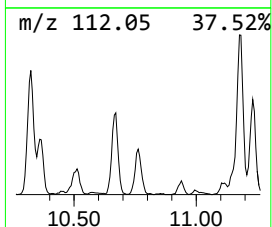
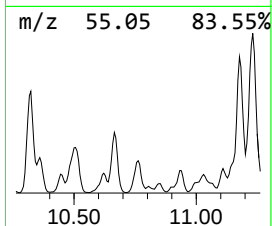
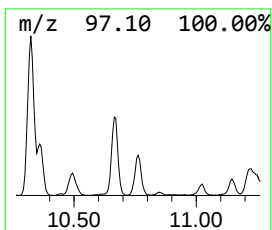
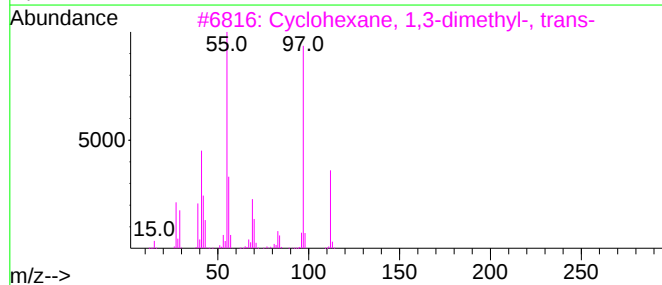
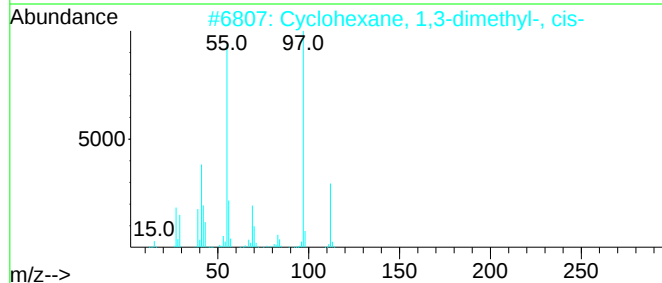
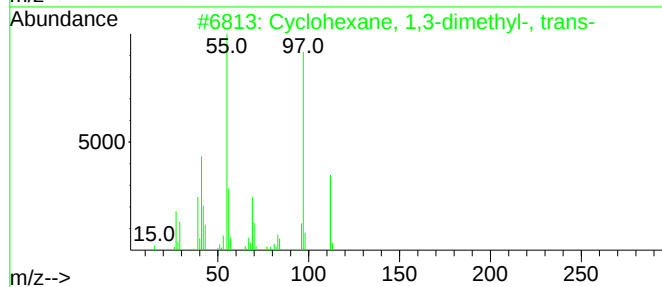
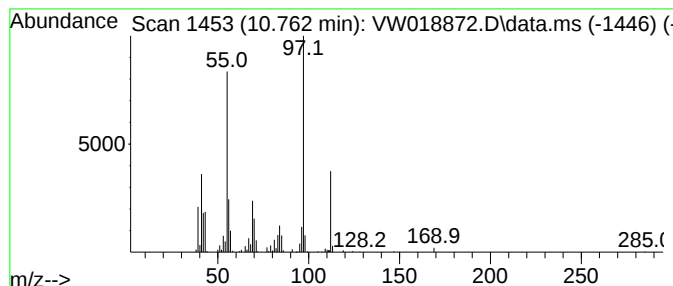
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Cyclic10.762 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.762	4.63 ug/L	258612	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	95
2			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	93
3			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	91
4			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	91
5			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

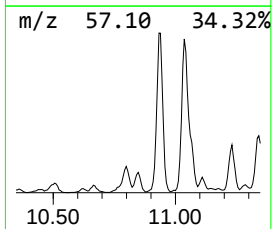
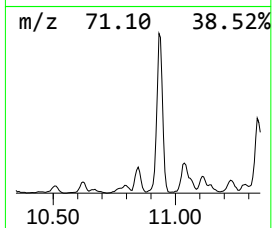
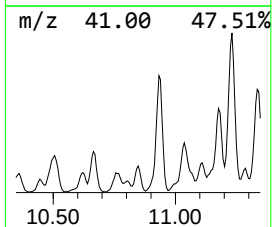
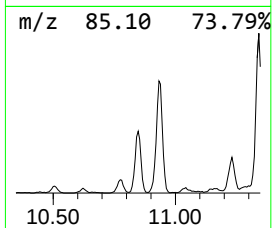
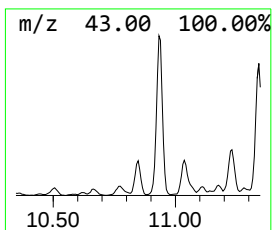
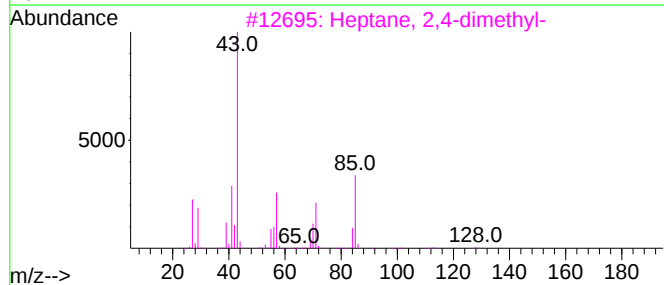
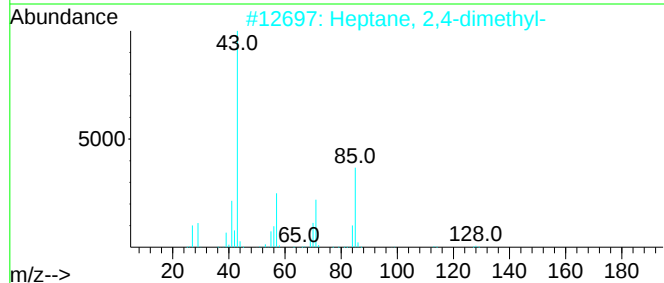
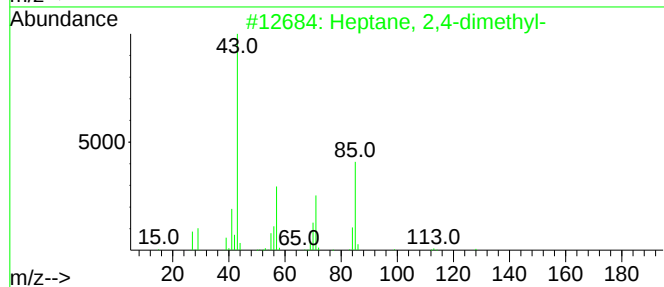
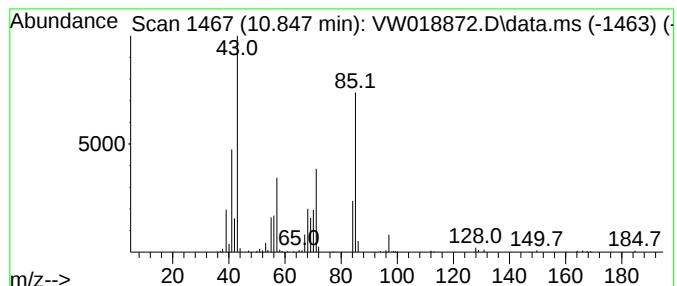
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.847	3.72 ug/L	207787	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	76
2			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	68
3			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
4			Tetradecane, 5-methyl-	212	C15H32	025117-32-2	64
5			Sulfurous acid, dodecyl hexyl ester	334	C18H38O3S	1000309-13-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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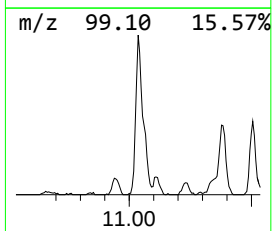
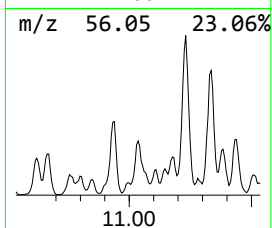
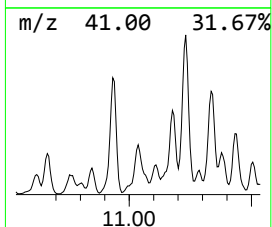
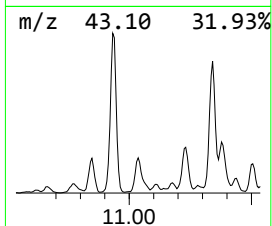
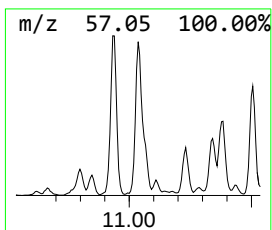
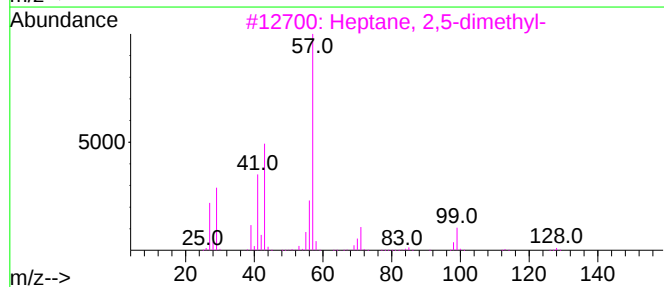
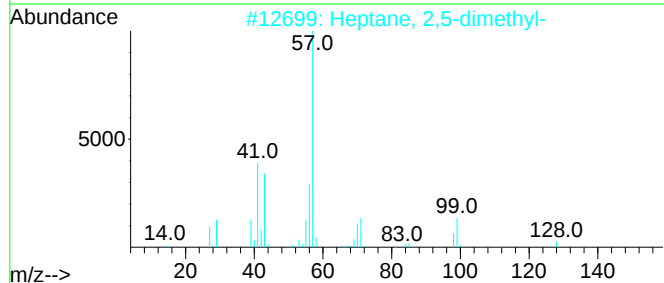
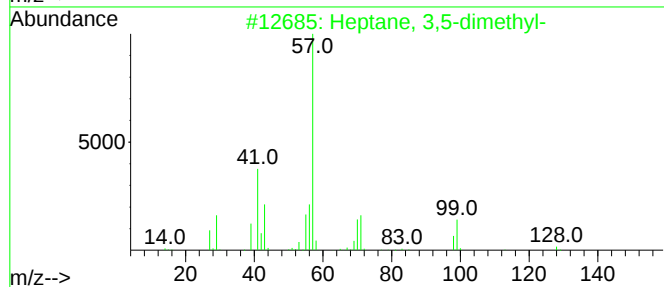
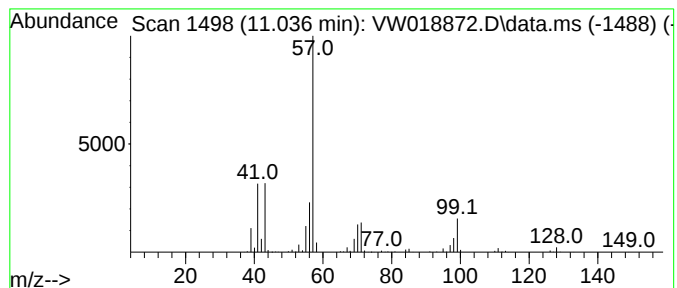
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.036	11.27 ug/L	629657	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	90
2		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	90
3		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
4		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
5		Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

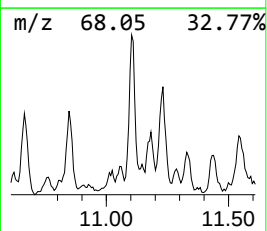
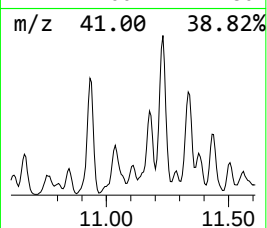
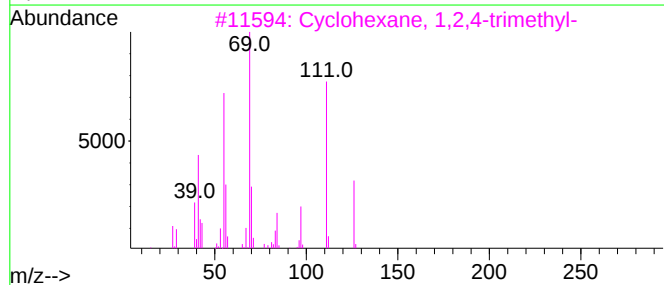
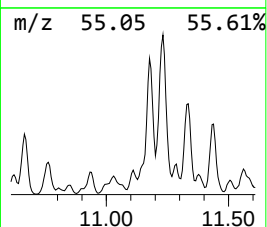
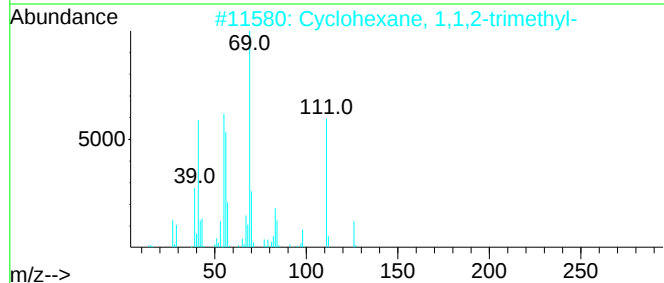
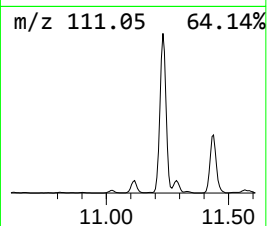
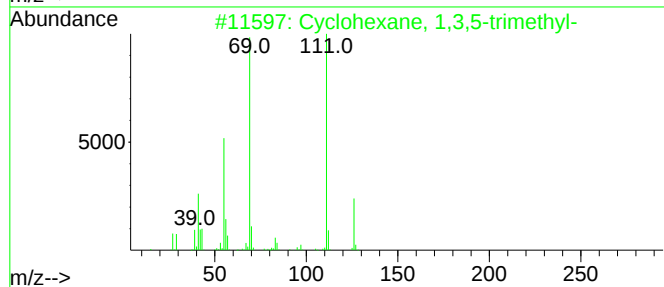
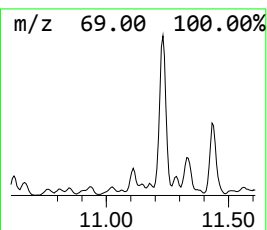
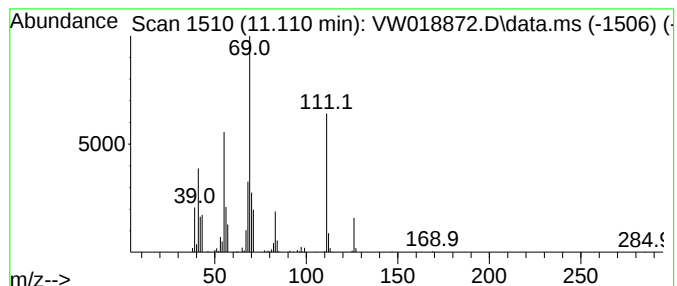
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Cyclic11.110 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.110	3.18 ug/L	177578	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	76
2			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	68
3			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	68
4			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	60
5			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

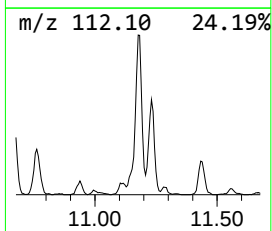
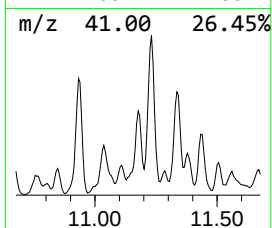
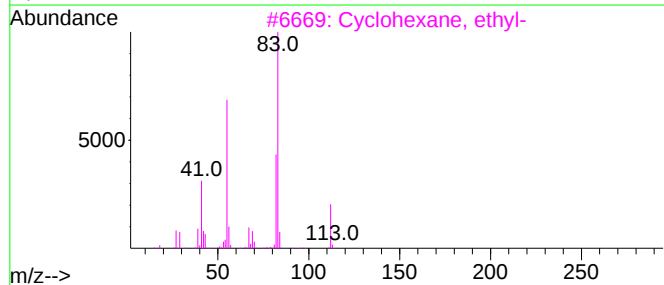
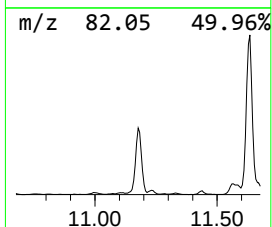
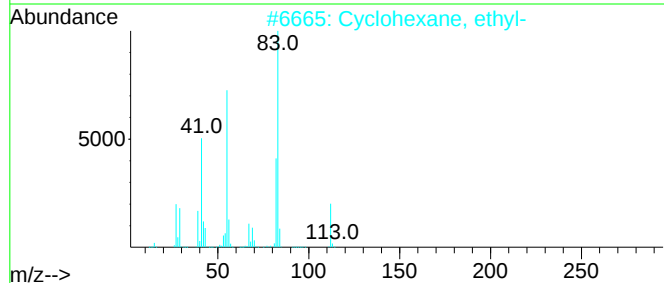
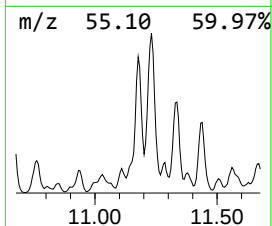
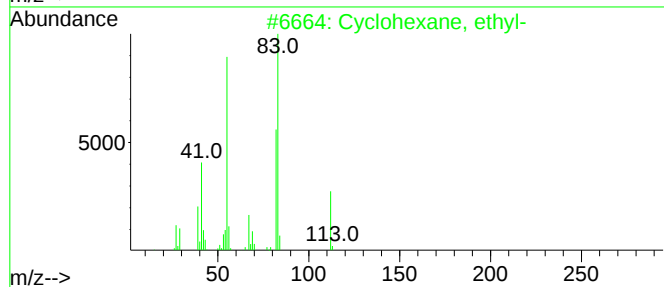
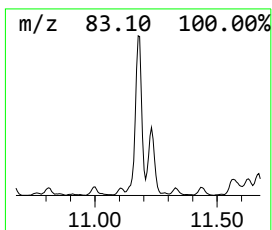
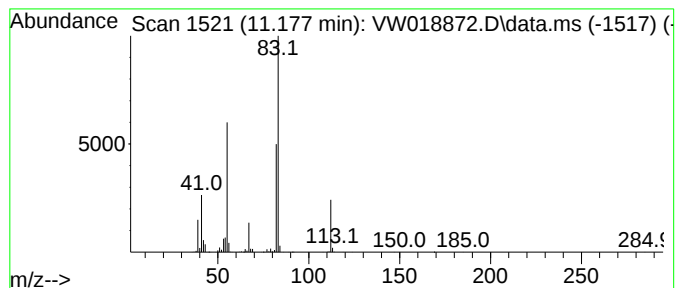
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Cyclic11.177 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.177	9.81 ug/L	548402	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
5			Cyclohexane, ethyl-	112	C8H16	001678-91-7	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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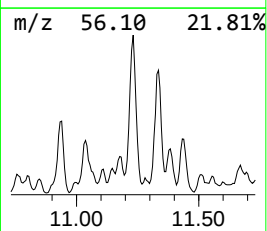
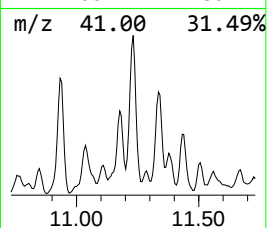
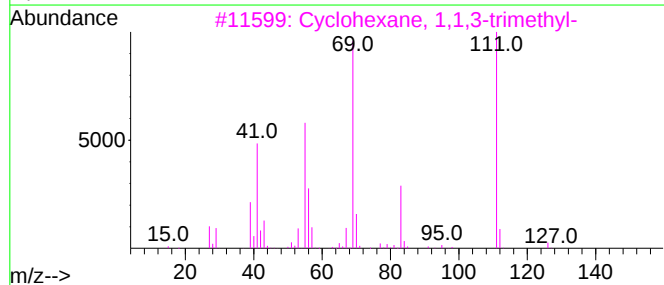
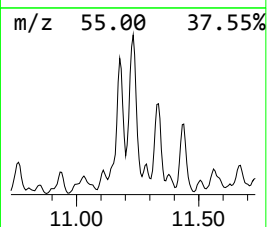
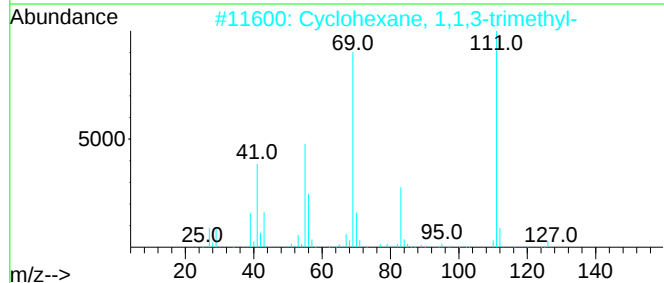
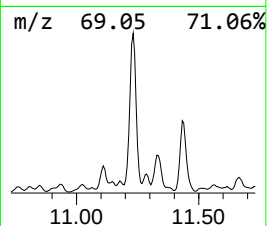
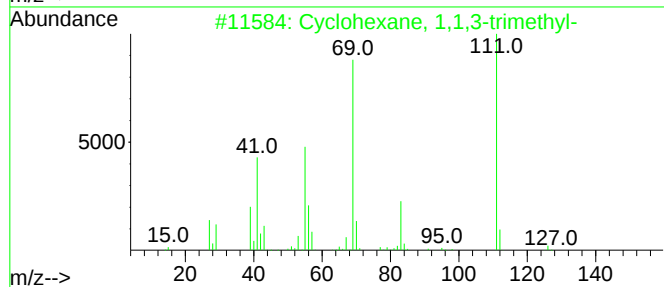
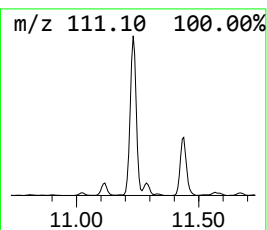
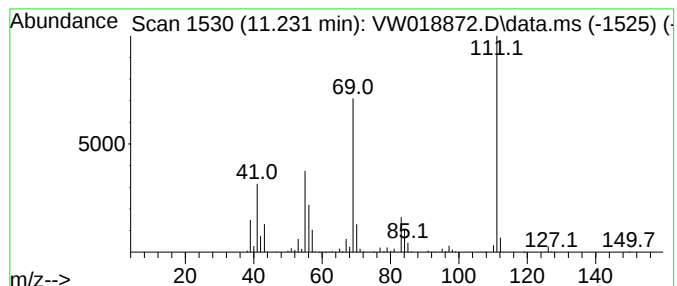
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Cyclic11.232 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.232	29.01 ug/L	1621710	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	74
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64
4			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64
5			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

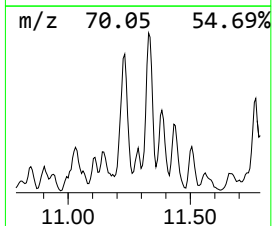
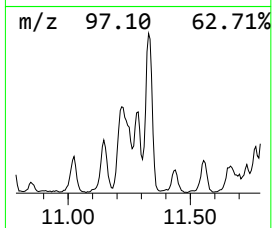
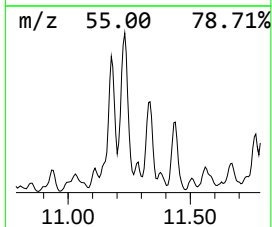
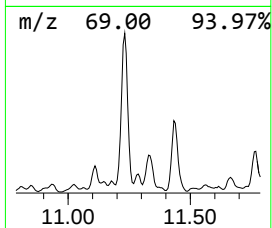
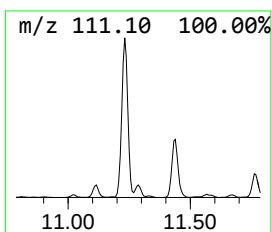
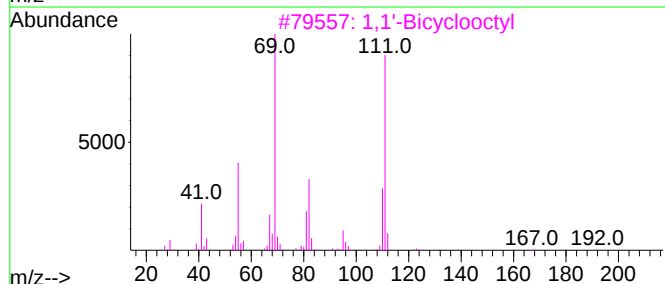
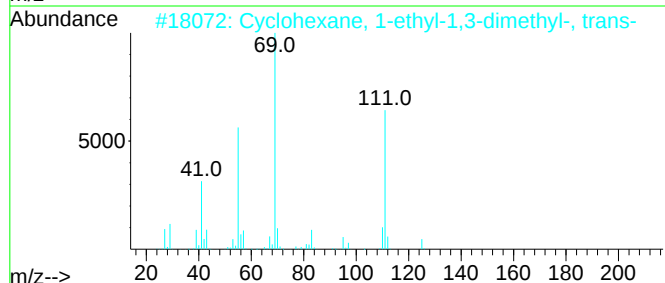
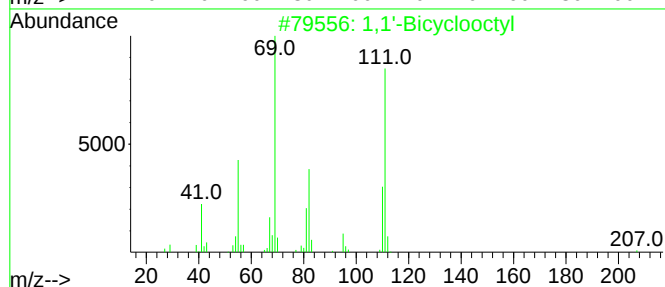
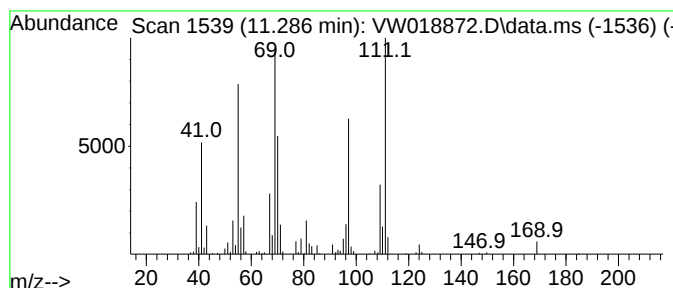
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown-02 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.286	1.57 ug/L	87976	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	47	
2	Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-29-3	47	
3	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	47	
4	Cyclooctanemethanol	142	C9H18O	003637-63-6	47	
5	Cyclooctyl bromide	190	C8H15Br	001556-09-8	47	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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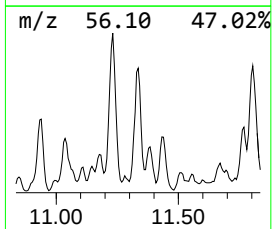
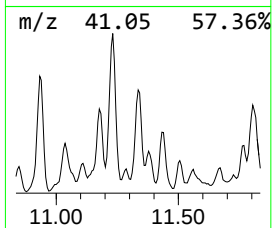
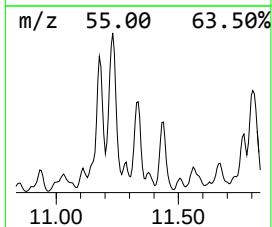
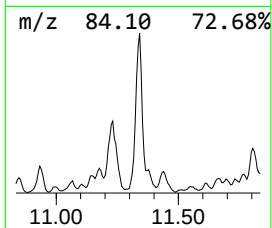
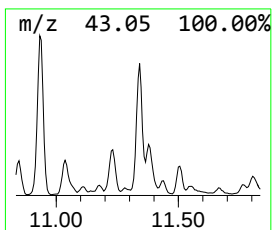
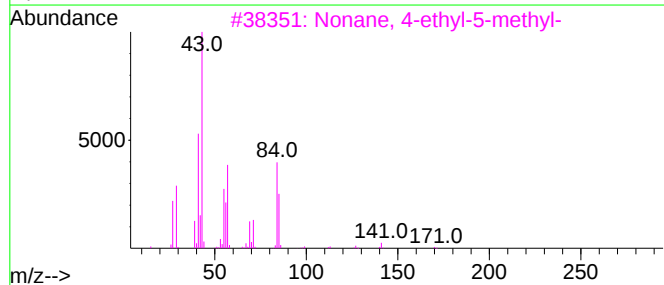
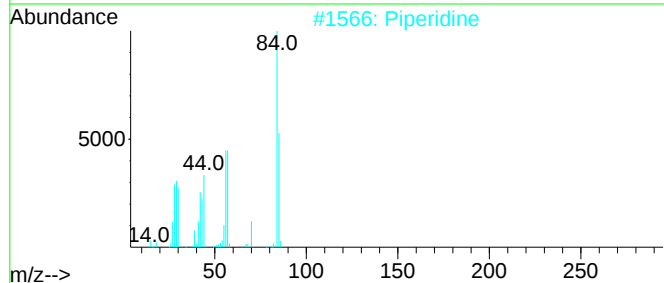
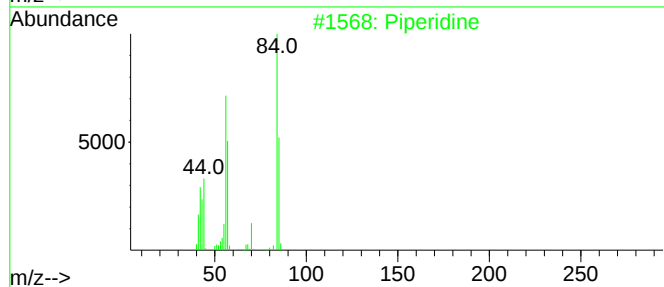
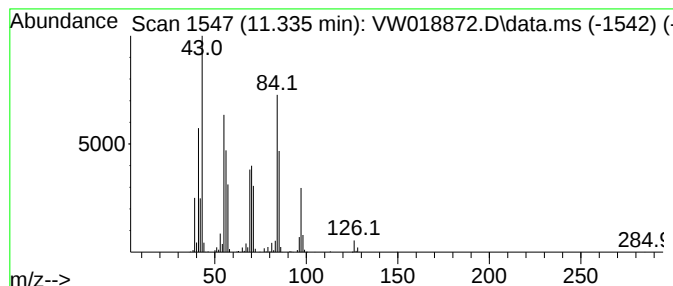
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Piperidine Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.335	16.32 ug/L	912041	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Piperidine	85	C5H11N	000110-89-4	53
2			Piperidine	85	C5H11N	000110-89-4	49
3			Nonane, 4-ethyl-5-methyl-	170	C12H26	001632-71-9	47
4			Piperidine	85	C5H11N	000110-89-4	46
5			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

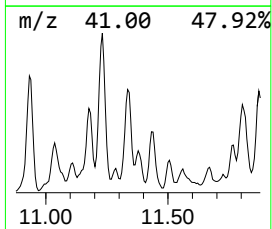
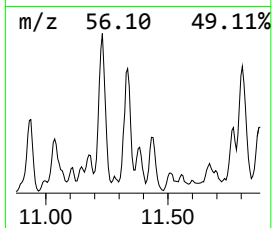
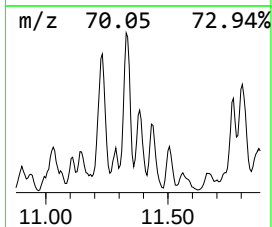
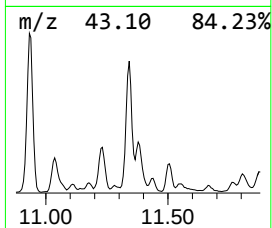
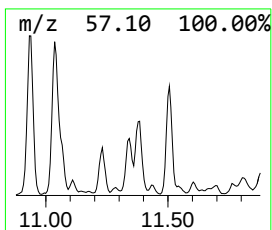
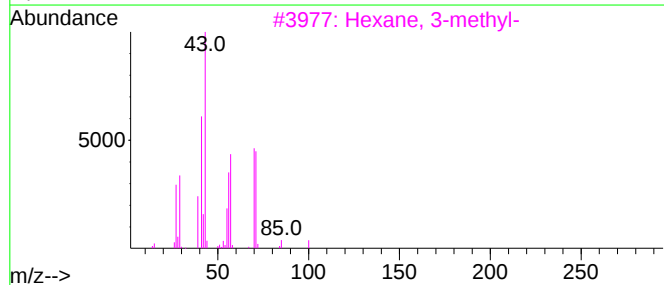
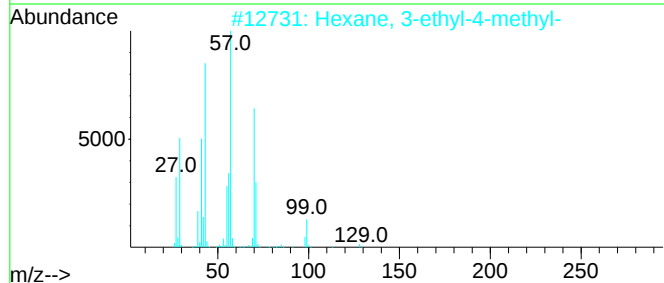
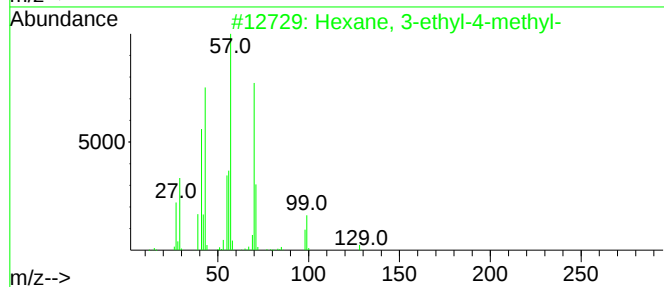
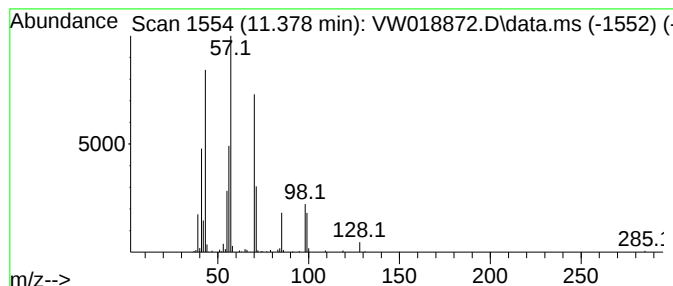
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.378	3.93 ug/L	219846	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	83
2		Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	72
3		Hexane, 3-methyl-	100	C7H16	000589-34-4	47
4		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	43
5		Octane, 3-methyl-	128	C9H20	002216-33-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

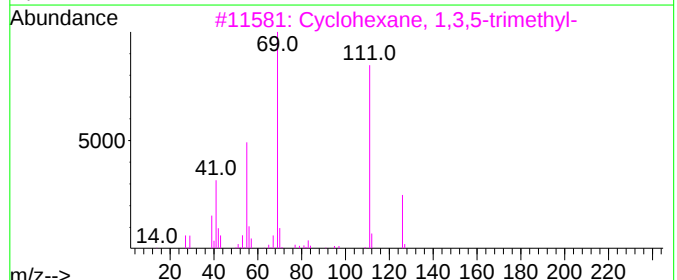
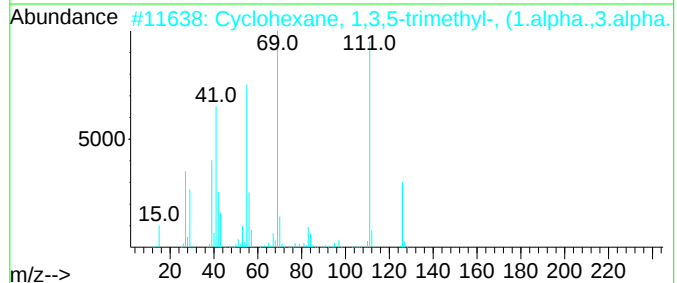
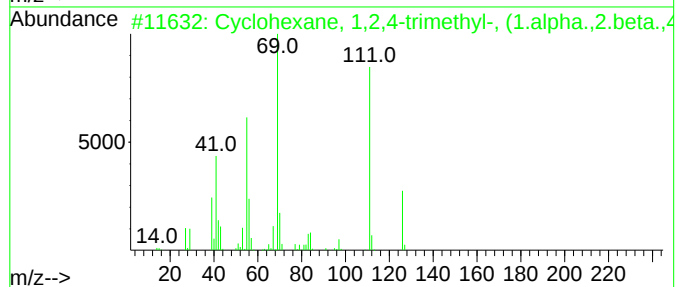
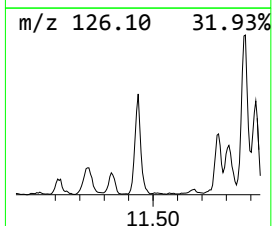
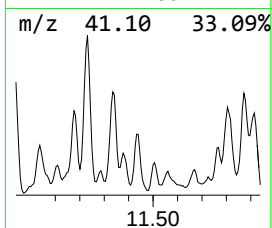
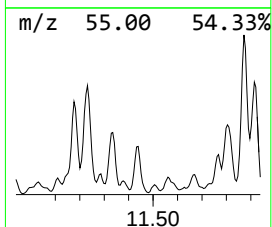
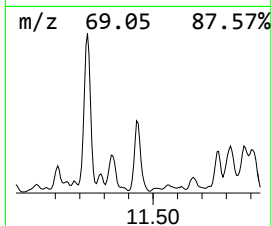
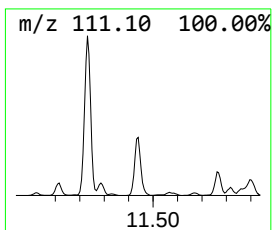
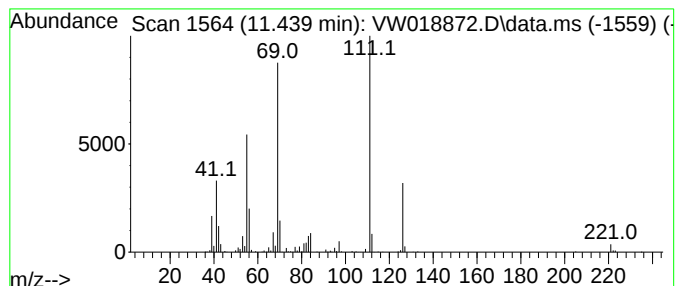
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Cyclic11.439 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.439	11.83 ug/L	661038	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	94
2			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	93
3			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	90
4			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	90
5			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

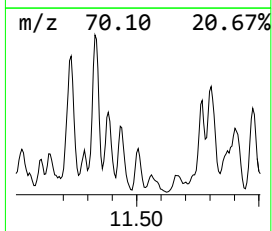
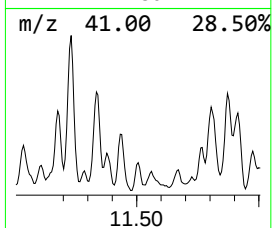
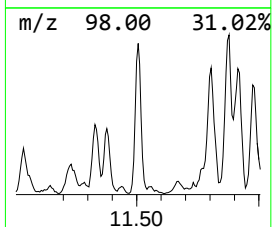
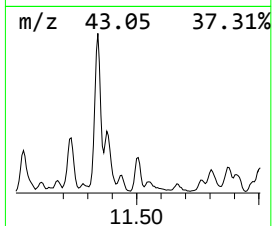
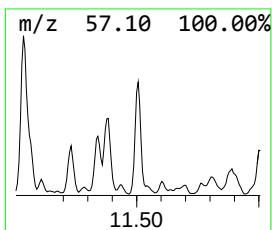
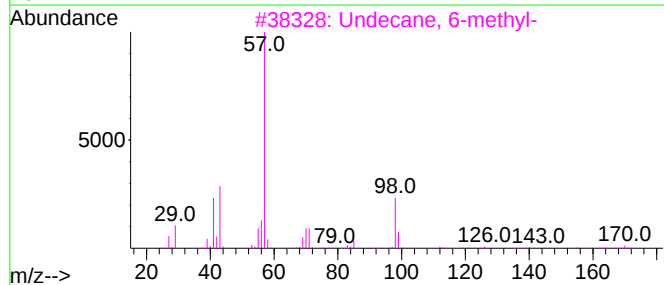
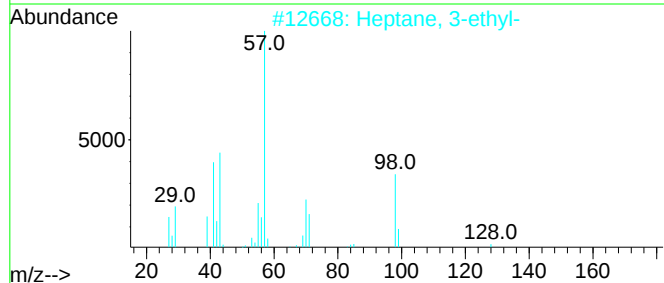
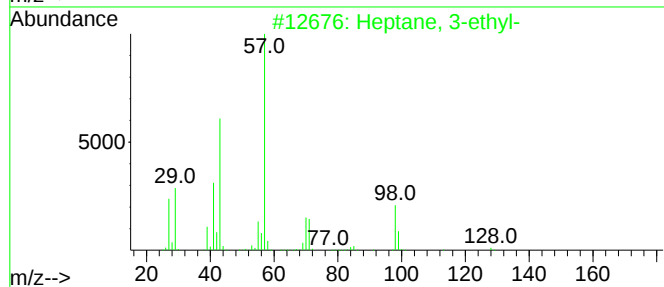
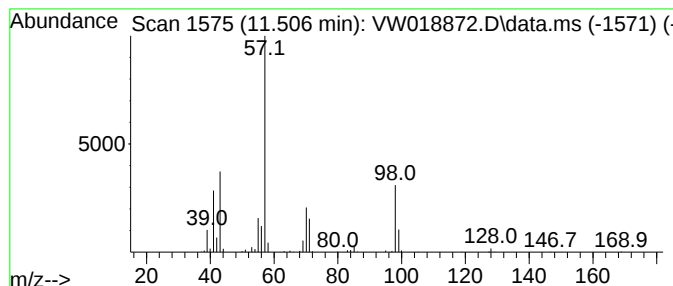
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.506	3.99 ug/L	222993	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 3-ethyl-	128	C9H20	015869-80-4	91
2		Heptane, 3-ethyl-	128	C9H20	015869-80-4	91
3		Undecane, 6-methyl-	170	C12H26	017302-33-9	72
4		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	53
5		Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

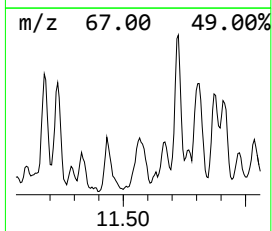
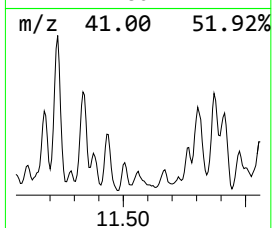
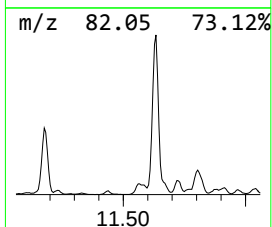
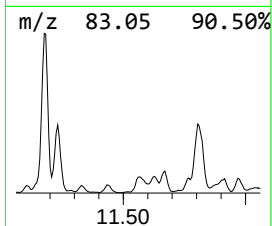
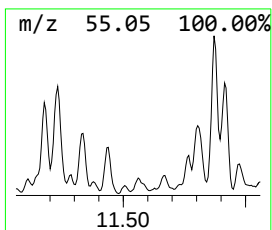
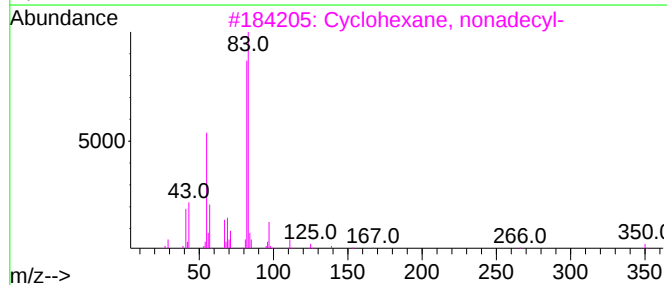
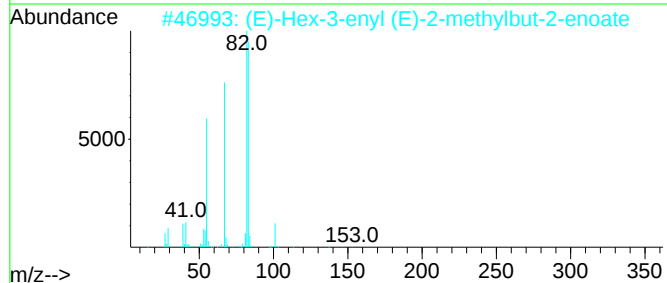
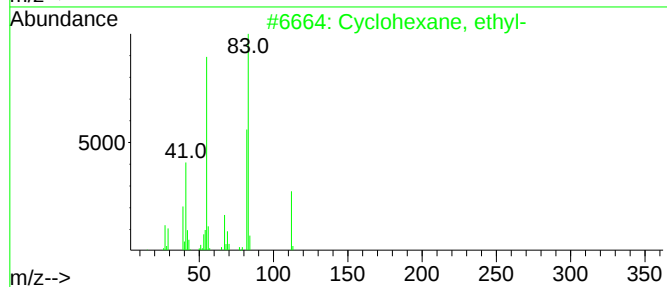
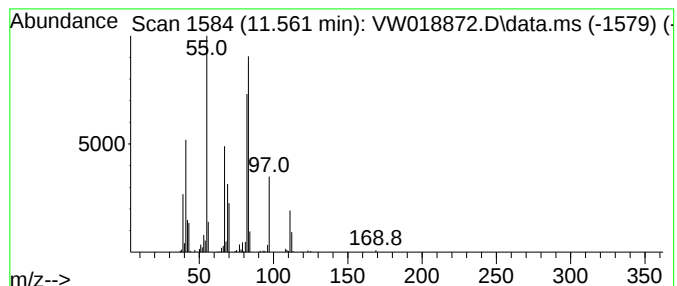
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 (DEL) Alkane: Cyclic11.561 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.561	2.85 ug/L	159207	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	58
2			(E)-Hex-3-enyl (E)-2-methylbut-2...	182	C11H18O2	1000373-74-1	53
3			Cyclohexane, nonadecyl-	350	C25H50	022349-03-7	53
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	53
5			3-Hexene, 2,2-dimethyl-, (E)-	112	C8H16	000690-93-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

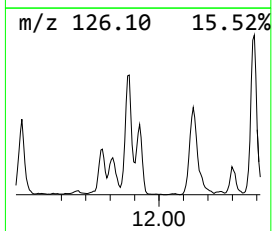
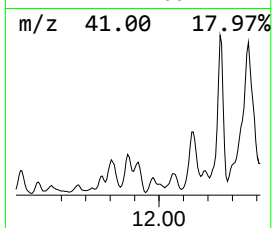
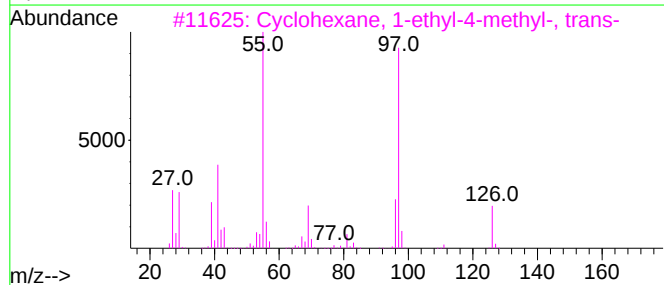
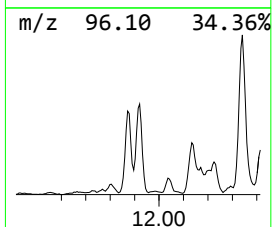
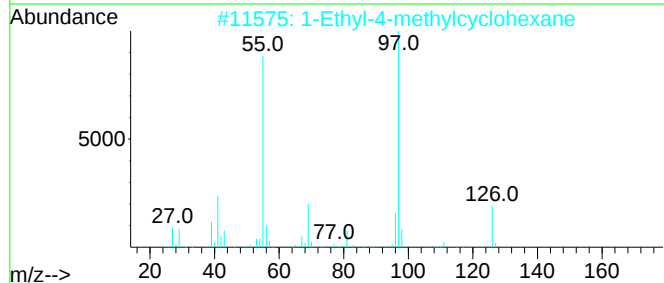
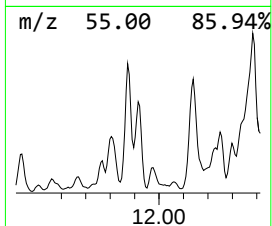
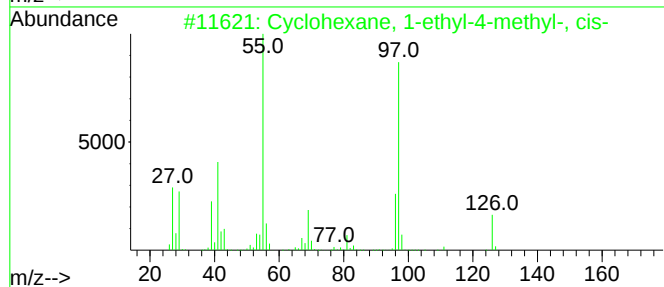
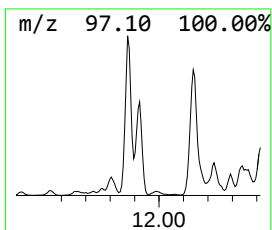
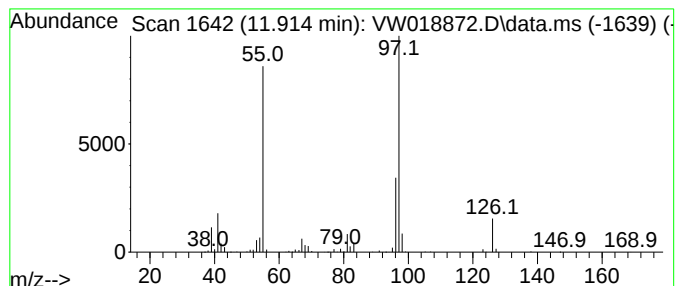
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 (DEL) Alkane: Cyclic11.914 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.914	15.48 ug/L	865505	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	86
2			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	83
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	80
4			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	80
5			Cyclohexane, 1-isopropyl-1-methyl-	140	C10H20	016580-26-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

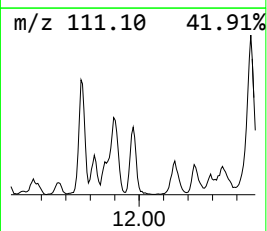
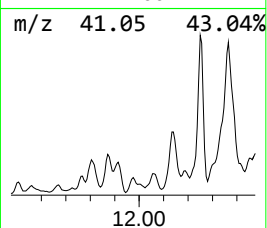
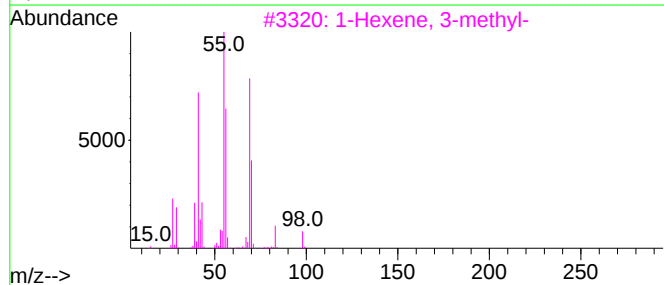
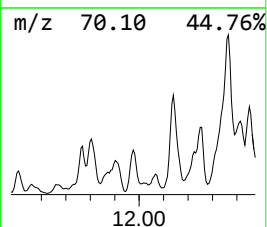
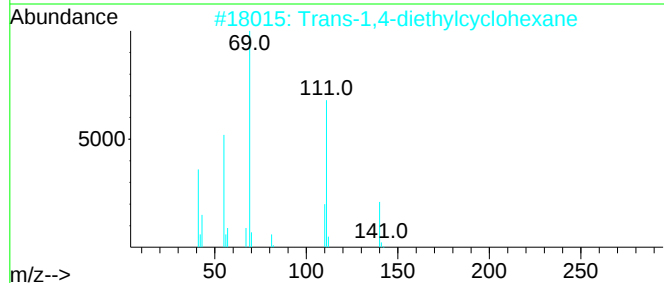
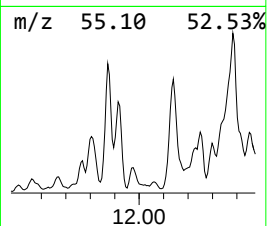
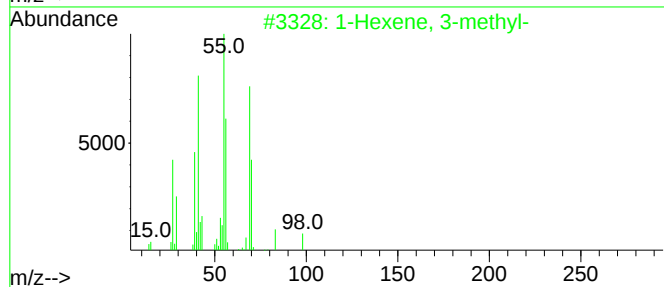
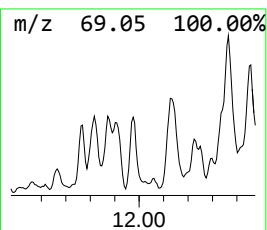
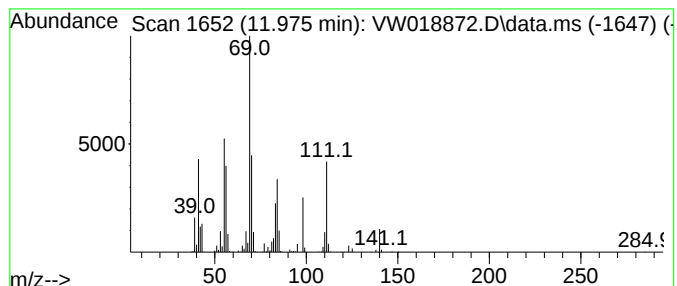
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.975	10.07 ug/L	563054	Chlorobenzene-d5		11.634	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1-Hexene, 3-methyl-		98	C7H14	003404-61-3	58
2	Trans-1,4-diethylcyclohexane		140	C10H20	013990-93-7	50
3	1-Hexene, 3-methyl-		98	C7H14	003404-61-3	50
4	3-Hexene, 2-methyl-, (E)-		98	C7H14	000692-24-0	49
5	2-Octene, 2,6-dimethyl-		140	C10H20	004057-42-5	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

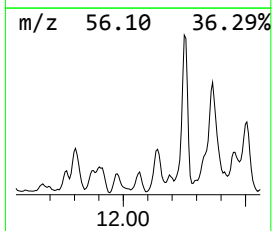
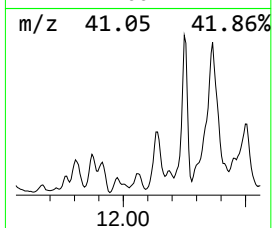
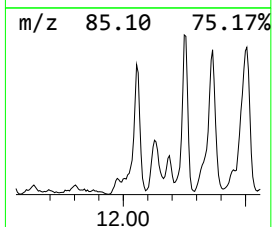
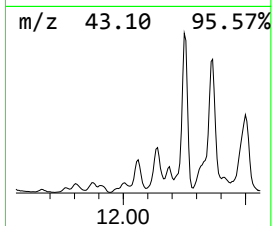
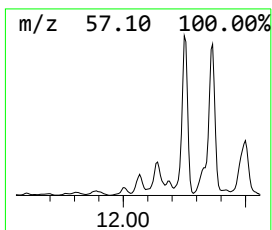
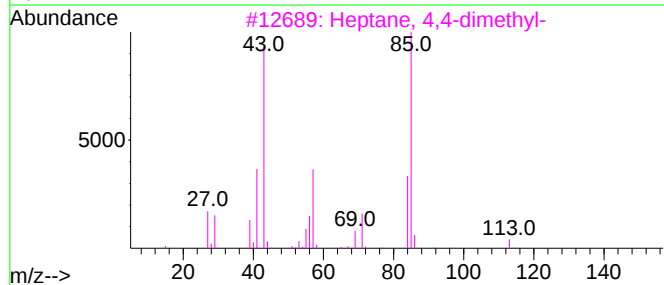
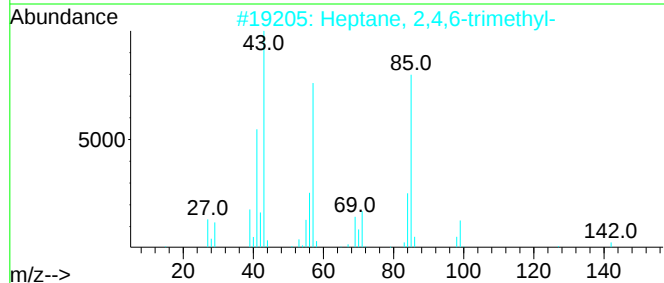
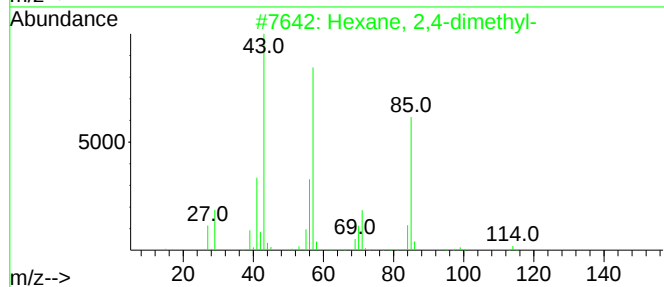
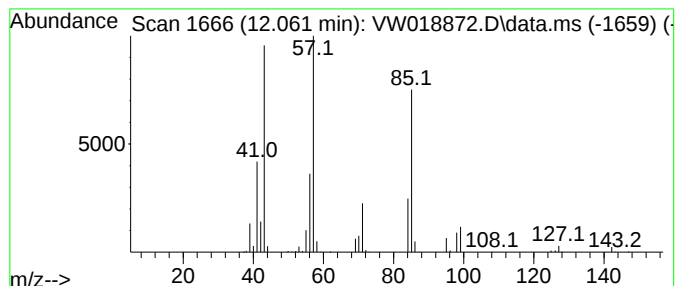
Instrument :
MSVOA_W
ClientSampleId :
BG595RE

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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.061	8.80 ug/L	491788	Chlorobenzene-d5		11.634	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-		114	C8H18	000589-43-5	72
2	Heptane, 2,4,6-trimethyl-		142	C10H22	002613-61-8	64
3	Heptane, 4,4-dimethyl-		128	C9H20	001068-19-5	53
4	Pentane, 3-ethyl-3-methyl-		114	C8H18	001067-08-9	53
5	Pentane, 2,2-dimethyl-		100	C7H16	000590-35-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

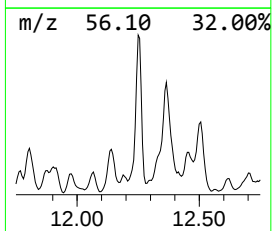
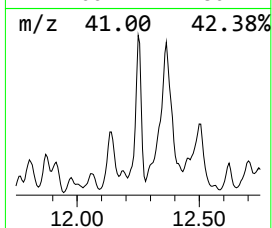
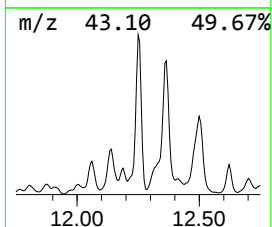
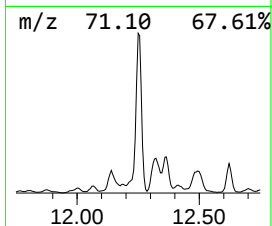
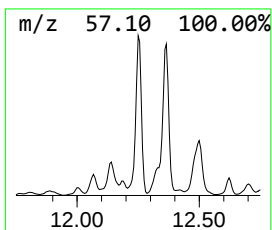
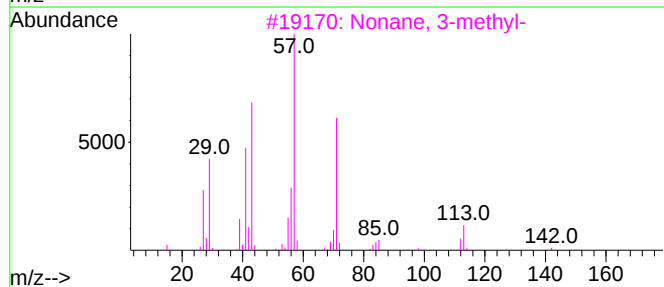
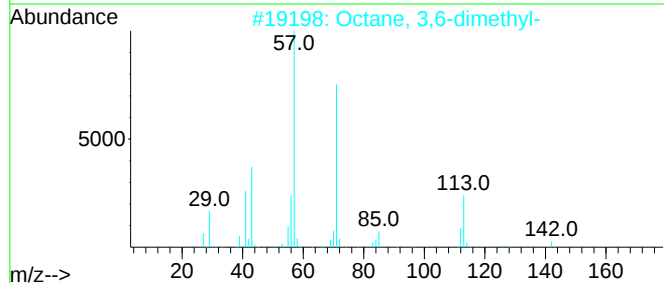
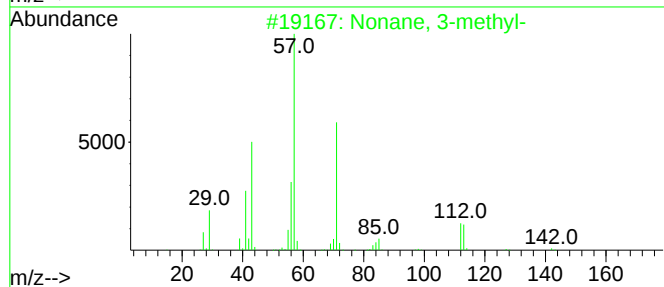
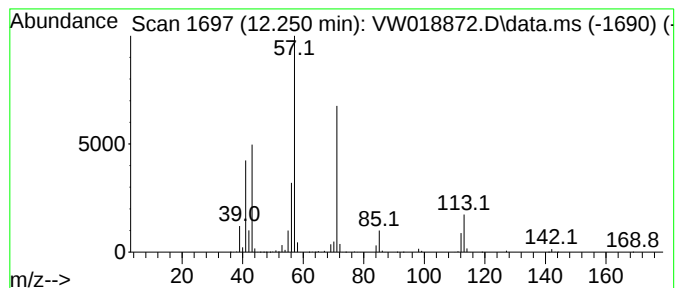
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.250	50.69 ug/L	2833140	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	91
2			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	87
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
5			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

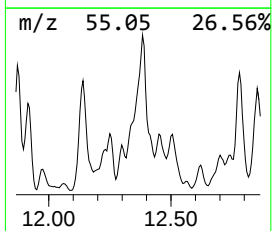
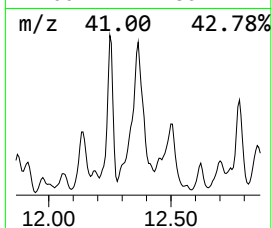
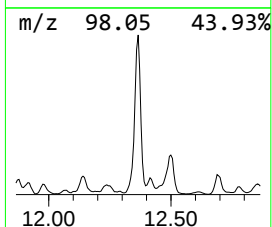
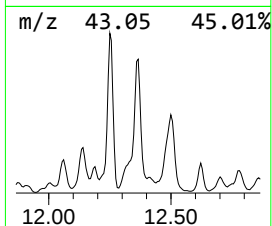
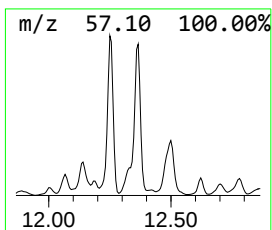
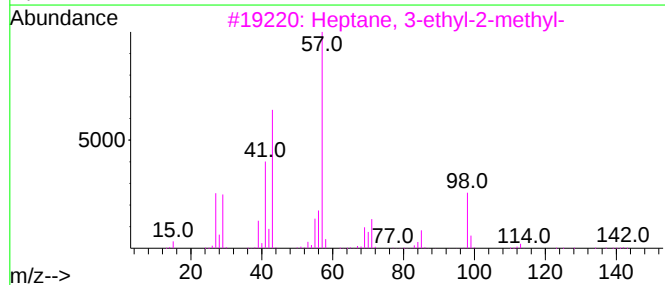
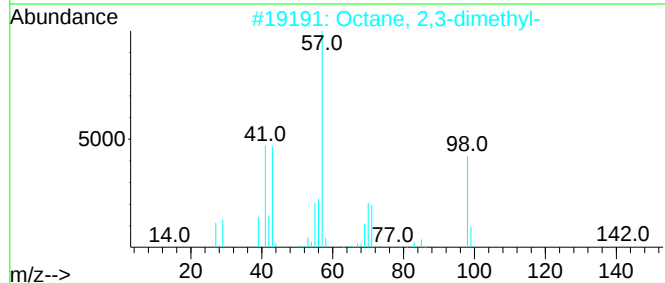
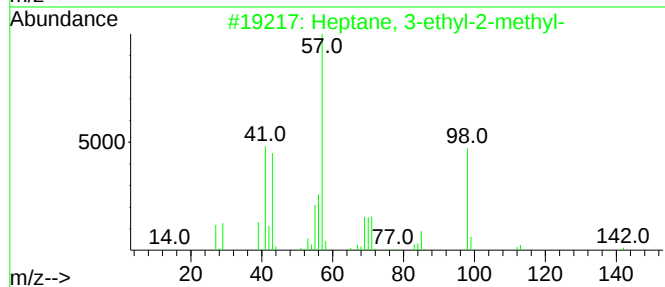
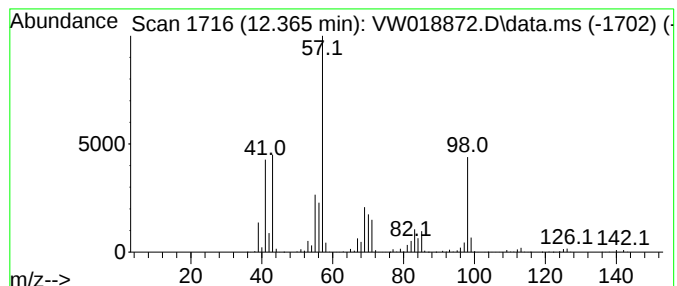
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.365	118.81 ug/L	6641030	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	87
2		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	64
3		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	52
4		Heptane, 3-ethyl-	128	C9H20	015869-80-4	47
5		Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

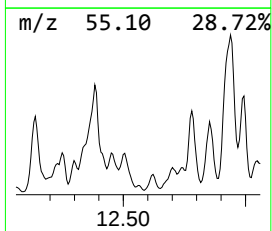
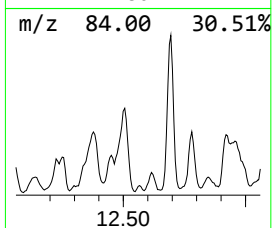
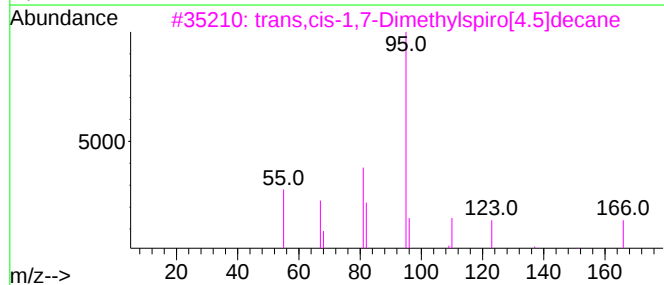
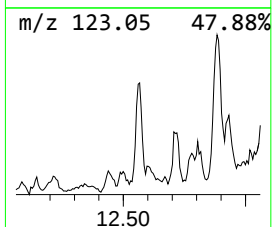
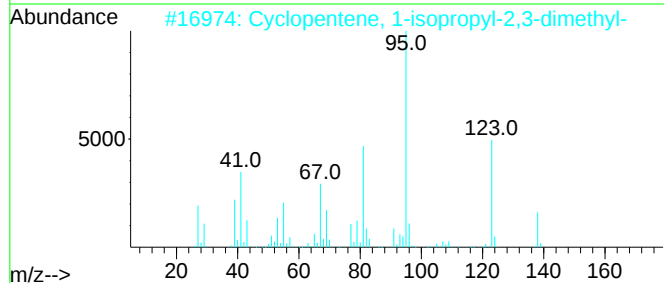
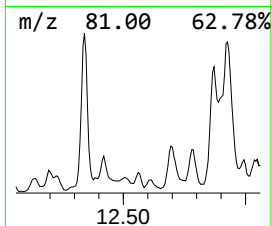
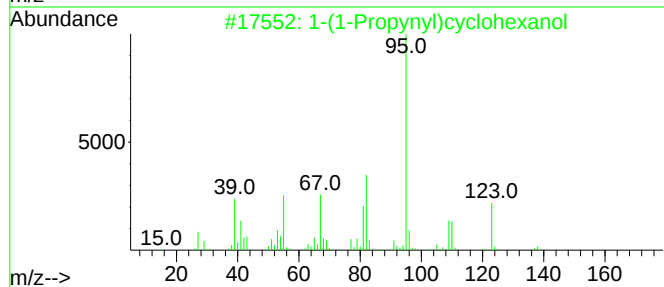
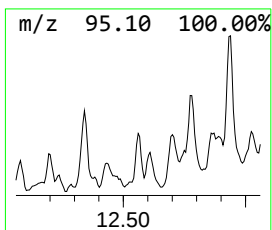
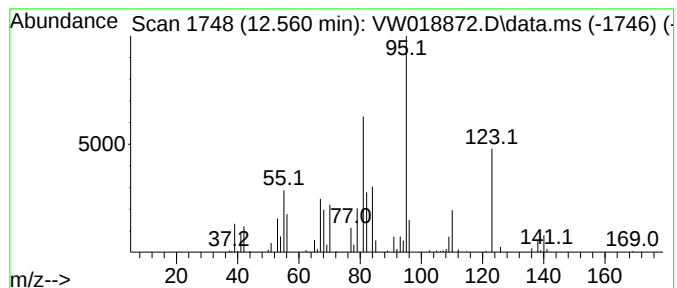
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 1-(1-Propynyl)cyclohexanol Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.560	2.31 ug/L	129037	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-(1-Propynyl)cyclohexanol	138	C9H14O	000697-37-0	62
2			Cyclopentene, 1-isopropyl-2,3-di...	138	C10H18	007712-73-4	47
3			trans,cis-1,7-Dimethylspiro[4.5]...	166	C12H22	1000111-72-7	47
4			Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	43
5			6-Hepten-1-ol, 2-methyl-	128	C8H16O	1000132-12-0	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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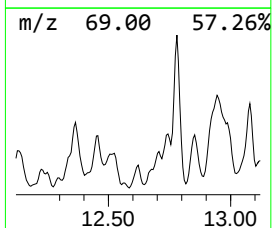
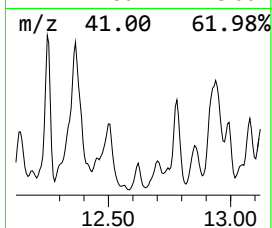
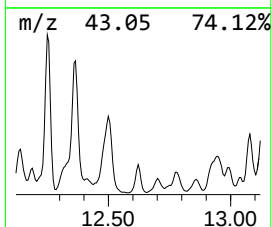
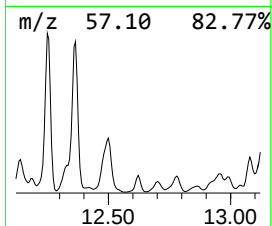
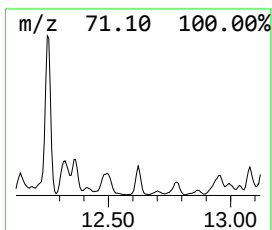
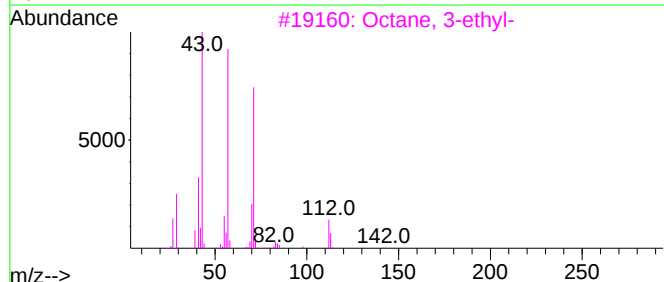
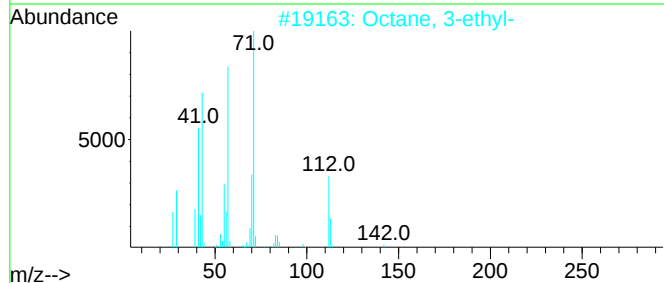
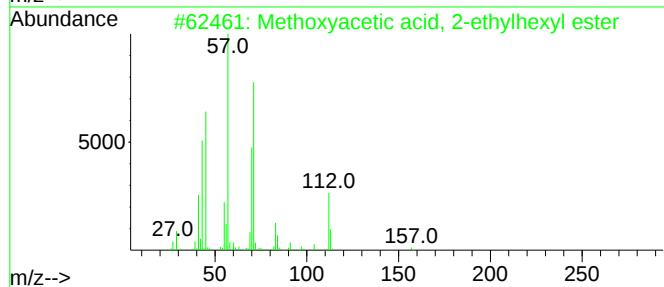
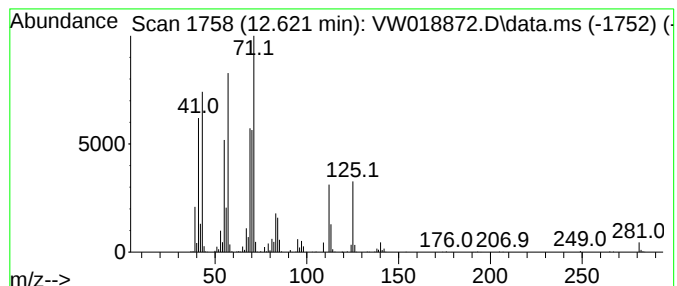
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 Methoxyacetic acid, 2-ethyl... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.621	29.04 ug/L	694092	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methoxyacetic acid, 2-ethylhexyl...	202	C11H22O3	1000282-41-4	72
2			Octane, 3-ethyl-	142	C10H22	005881-17-4	68
3			Octane, 3-ethyl-	142	C10H22	005881-17-4	53
4			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	50
5			2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

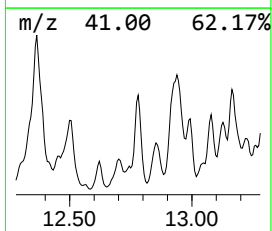
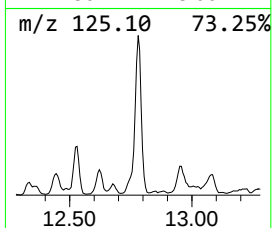
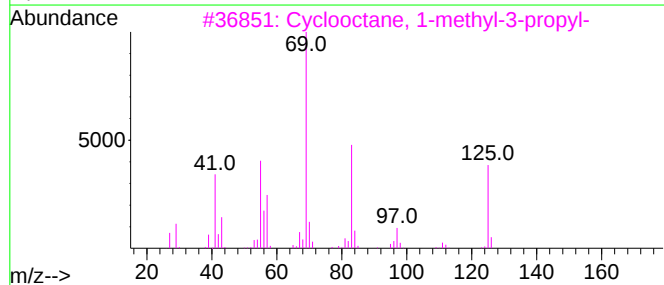
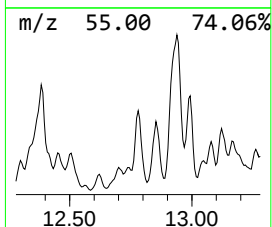
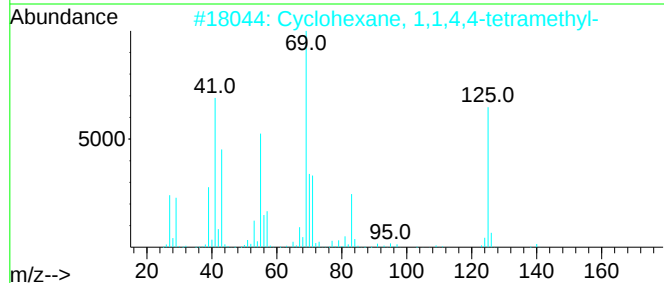
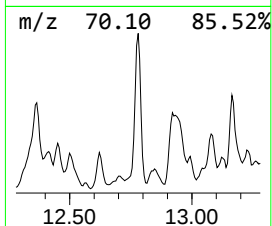
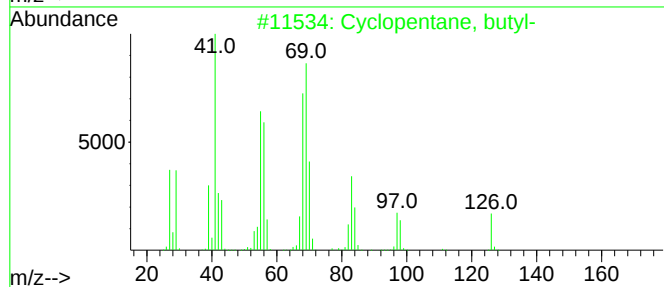
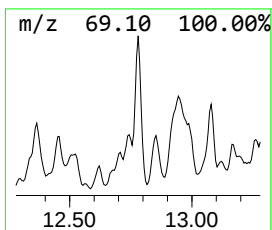
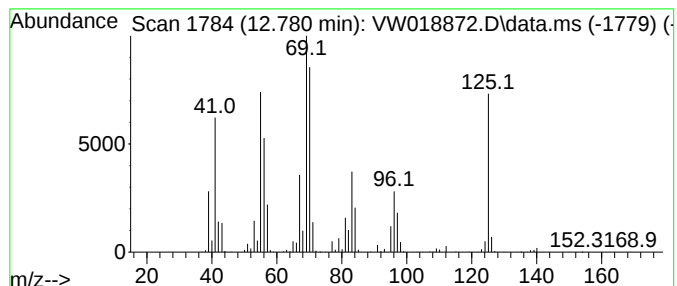
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 (DEL) Alkane: Cyclic12.780 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.780	102.15 ug/L	2441690	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, butyl-	126	C9H18	002040-95-1	50
2			Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	49
3			Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	47
4			trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	46
5			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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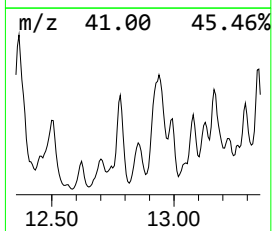
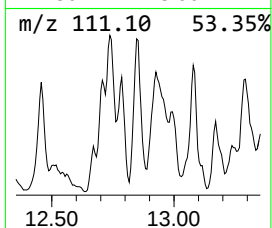
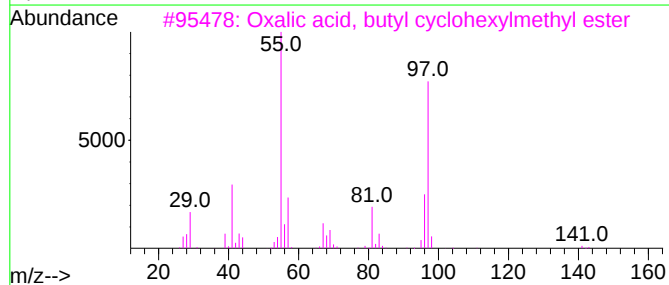
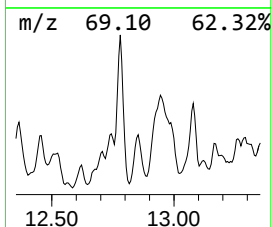
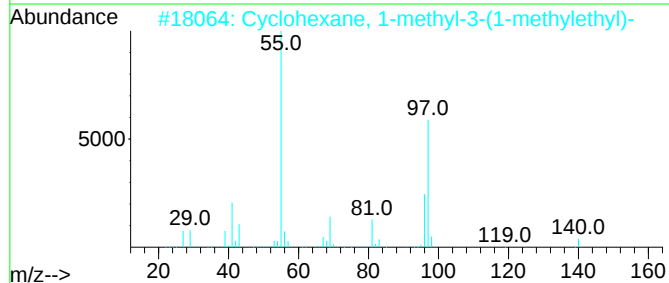
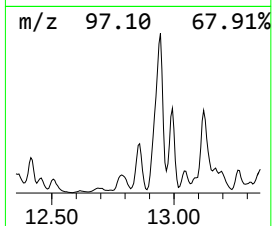
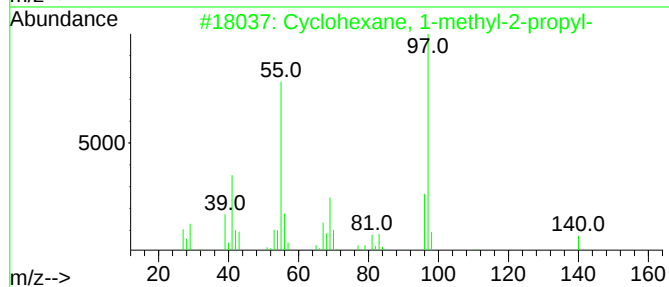
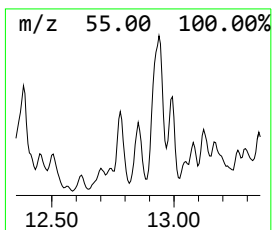
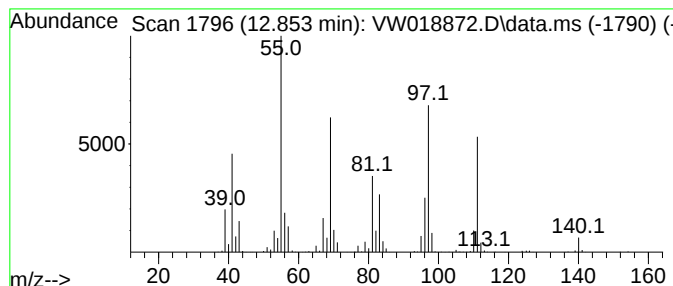
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 (DEL) Alkane: Cyclic12.853 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.853	61.17 ug/L	1462070	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	45
2			Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	43
3			Oxalic acid, butyl cyclohexylmet...	242	C13H22O4	1000309-68-2	43
4			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	43
5			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

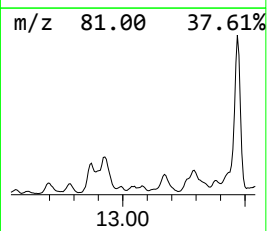
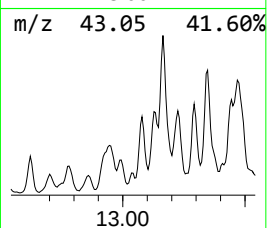
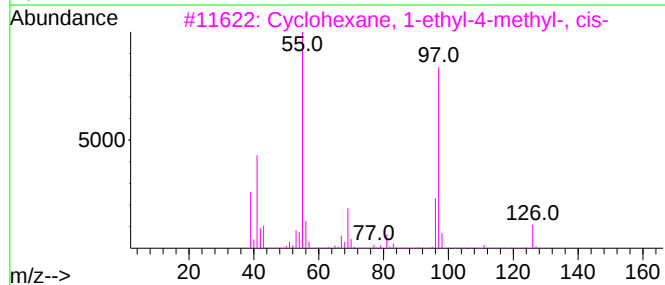
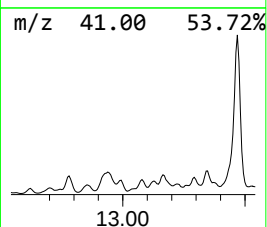
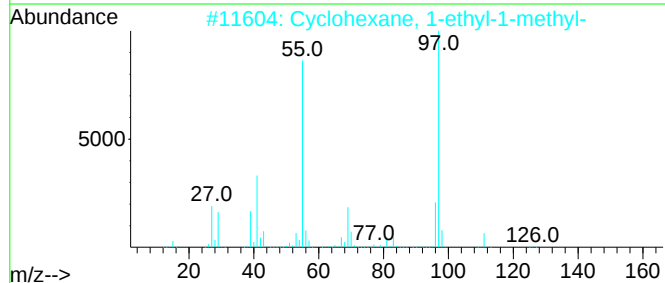
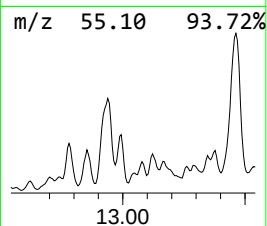
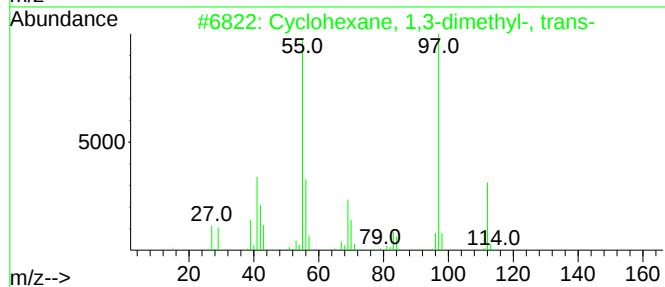
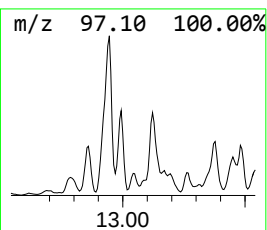
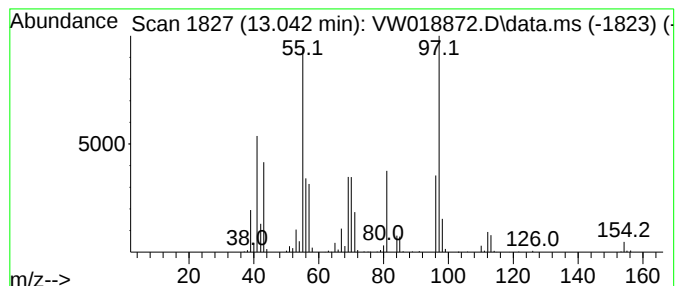
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 (DEL) Alkane: Cyclic13.042 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.042	8.46 ug/L	202192	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	64
2			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	59
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	59
4			Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	58
5			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

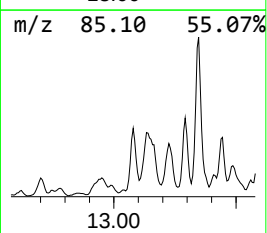
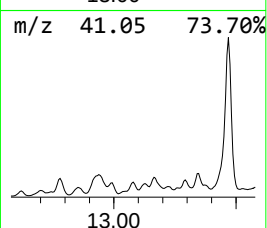
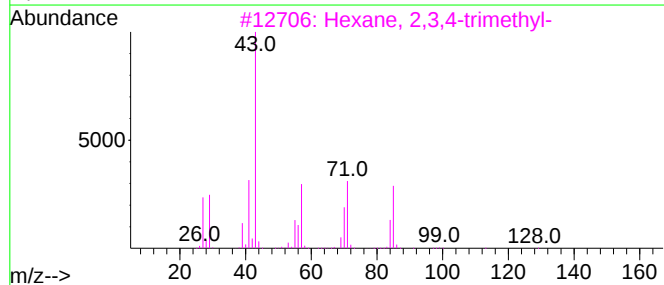
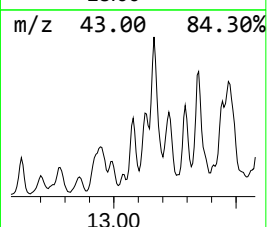
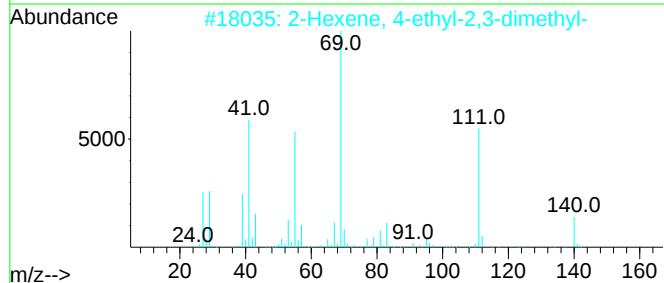
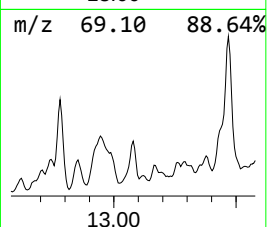
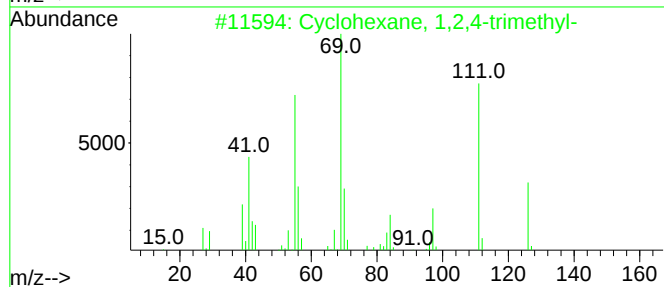
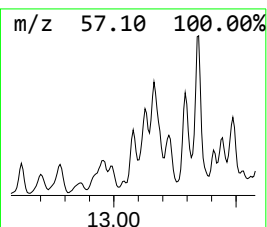
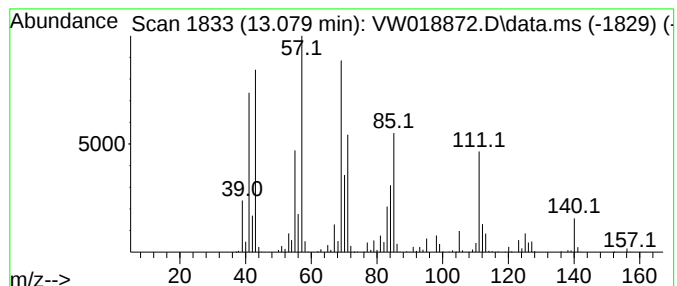
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 (DEL) Alkane: Cyclic13.079 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.079	46.39 ug/L	1108750	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	43
2			2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	43
3			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	38
4			Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	38
5			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

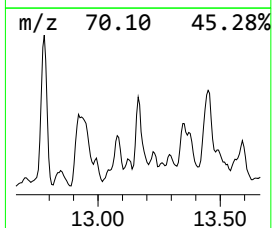
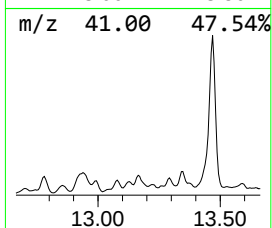
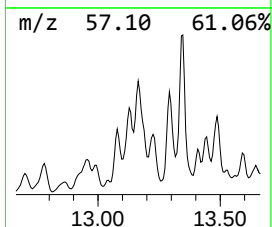
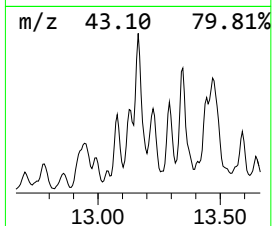
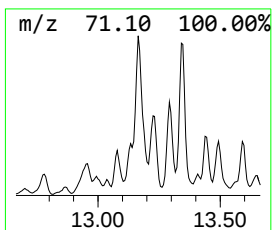
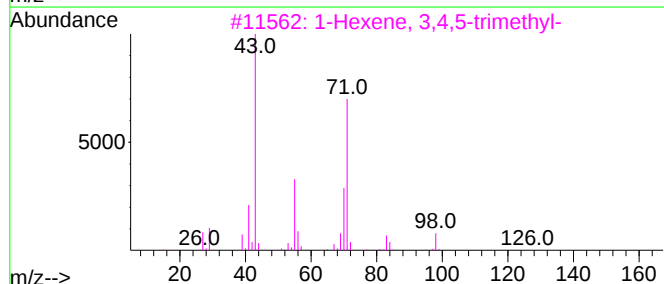
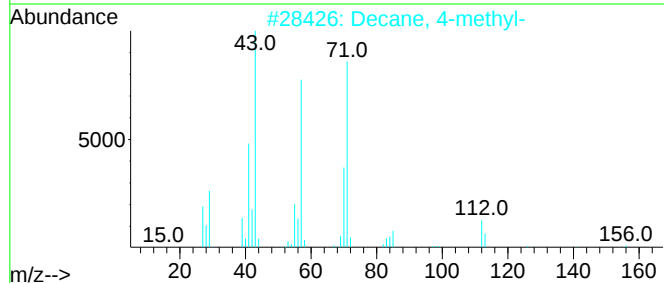
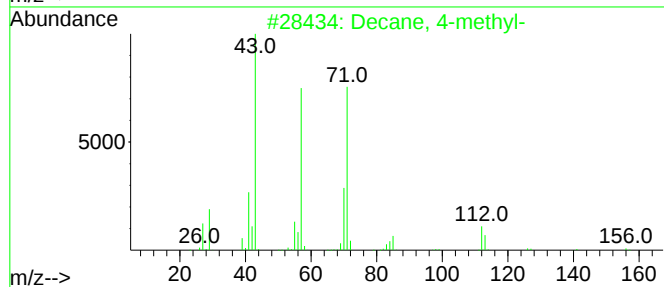
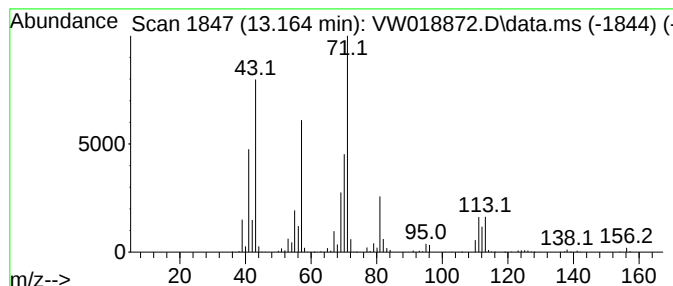
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	56.87 ug/L	1359260	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 4-methyl-	156	C11H24	002847-72-5	59
2		Decane, 4-methyl-	156	C11H24	002847-72-5	58
3		1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	53
4		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	50
5		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

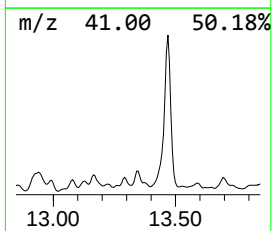
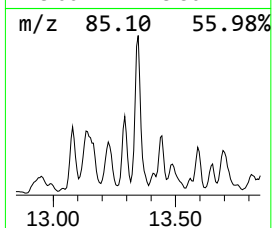
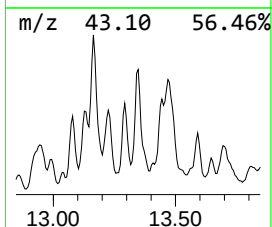
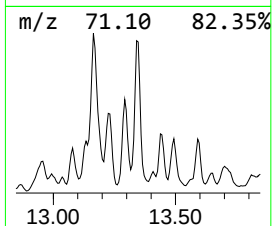
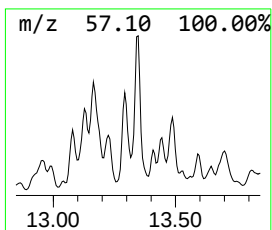
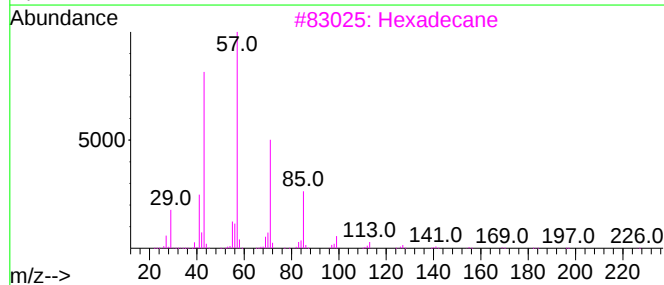
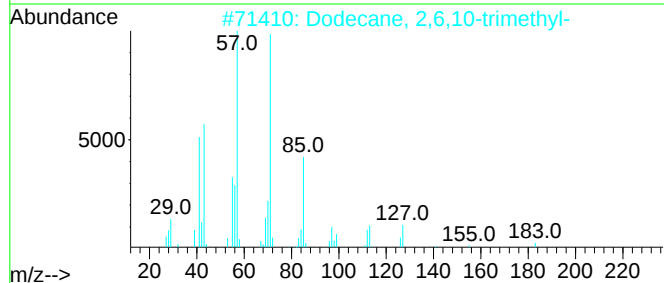
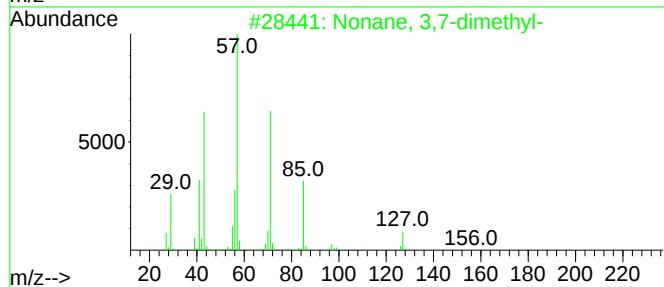
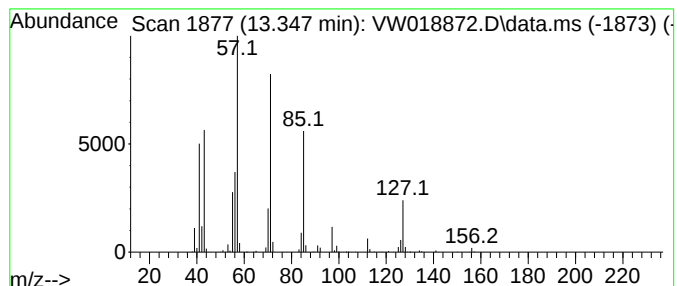
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.347	53.85 ug/L	1287170	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
3		Hexadecane	226	C16H34	000544-76-3	59
4		Undecane, 2-methyl-	170	C12H26	007045-71-8	59
5		Decane, 3-methyl-	156	C11H24	013151-34-3	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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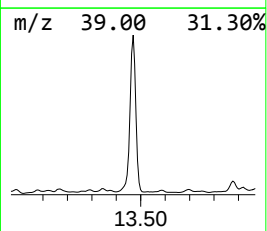
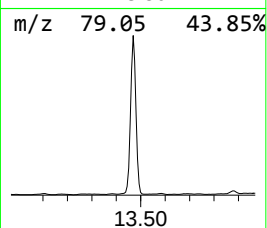
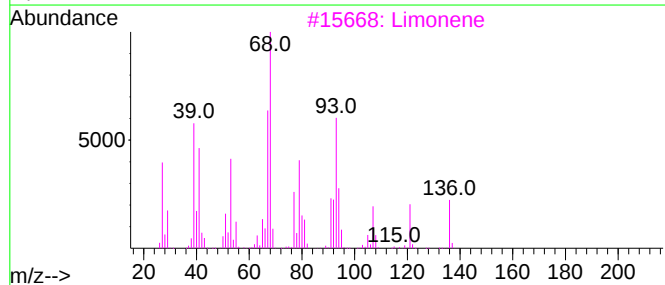
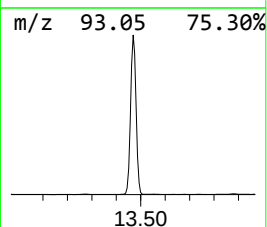
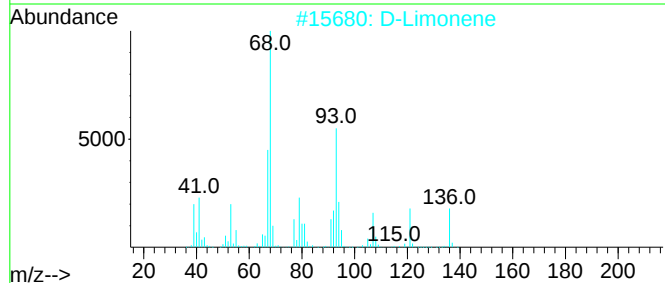
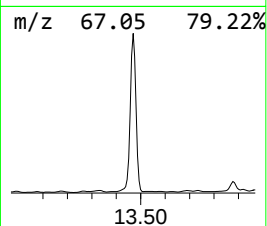
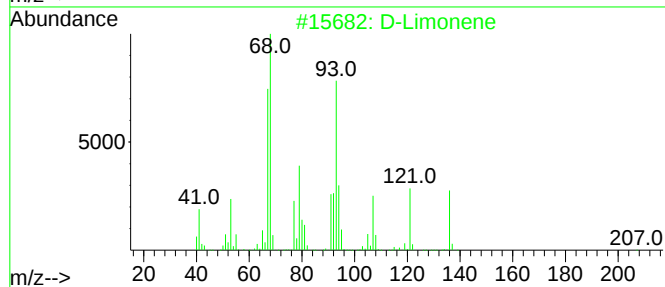
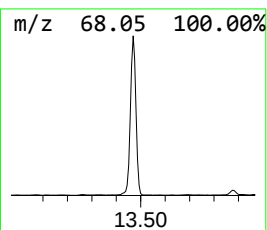
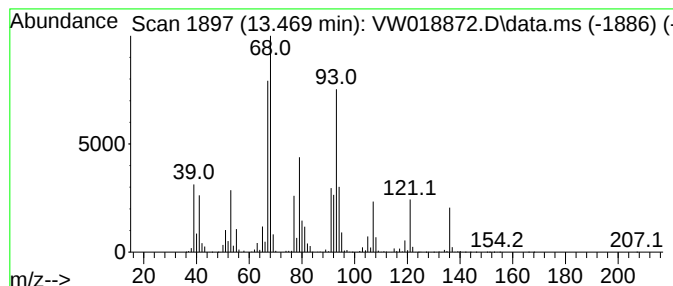
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 D-Limonene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.469	1884.23 ug/L	45037100	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene			136	C10H16	005989-27-5	97
2	D-Limonene			136	C10H16	005989-27-5	94
3	Limonene			136	C10H16	000138-86-3	94
4	D-Limonene			136	C10H16	005989-27-5	93
5	D-Limonene			136	C10H16	005989-27-5	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

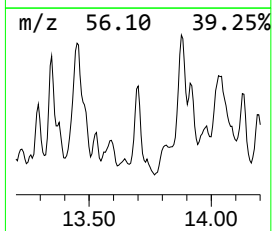
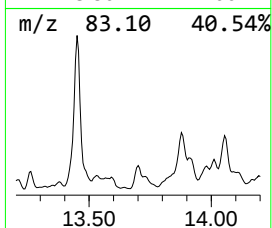
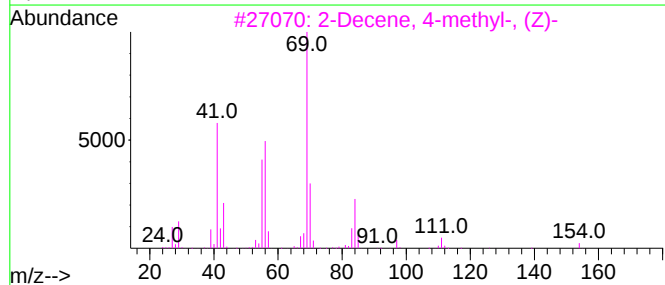
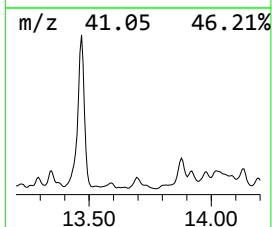
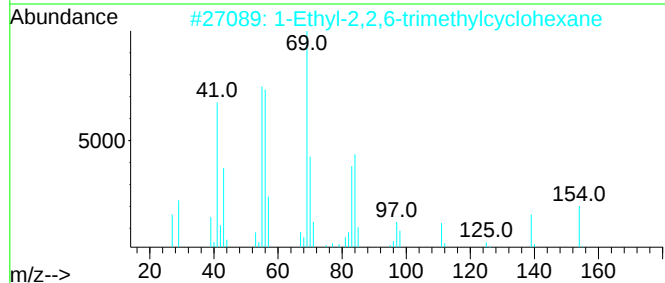
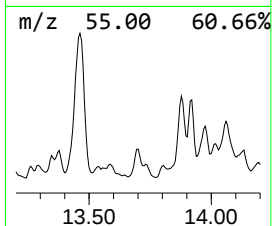
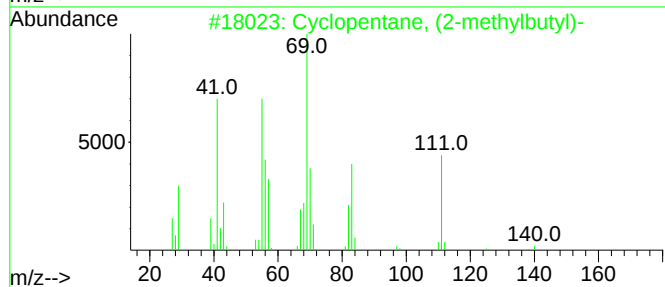
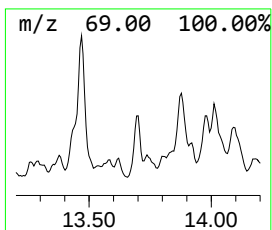
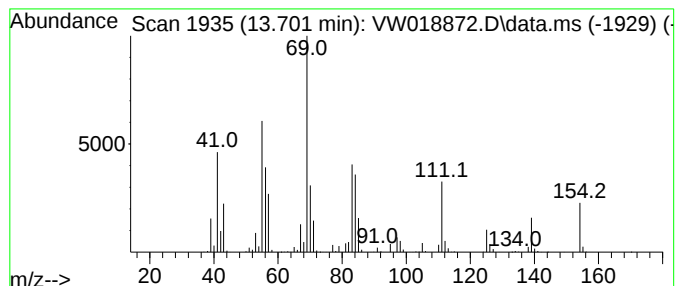
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 (DEL) Alkane: Cyclic13.701 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.701	71.49 ug/L	1708830	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	89
2			1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	87
3			2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	76
4			Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	53
5			2-Undecene, 4-methyl-	168	C12H24	091695-32-8	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

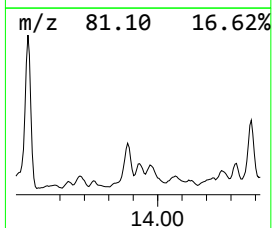
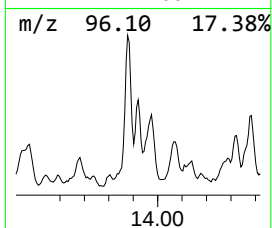
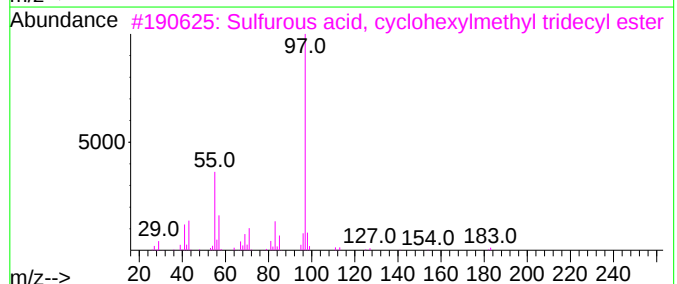
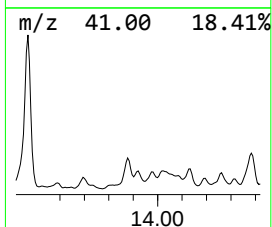
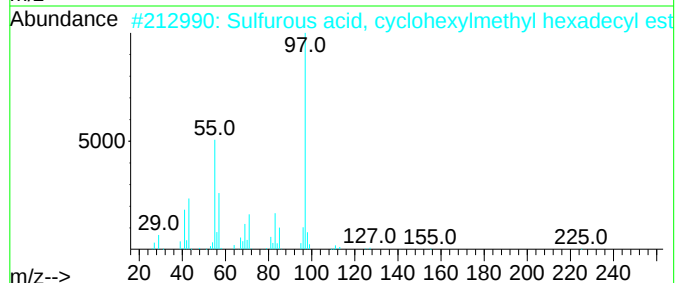
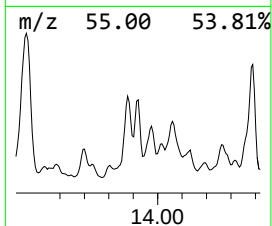
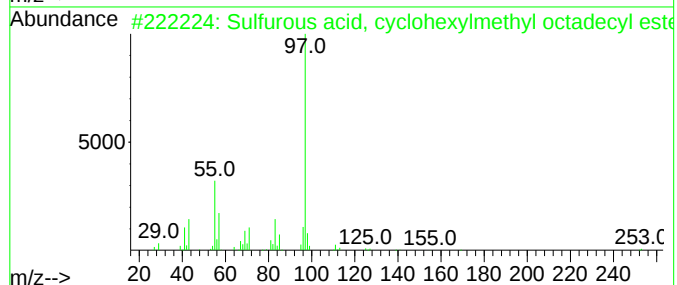
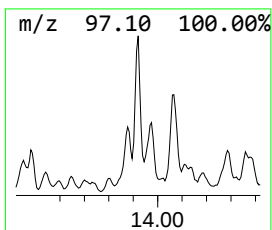
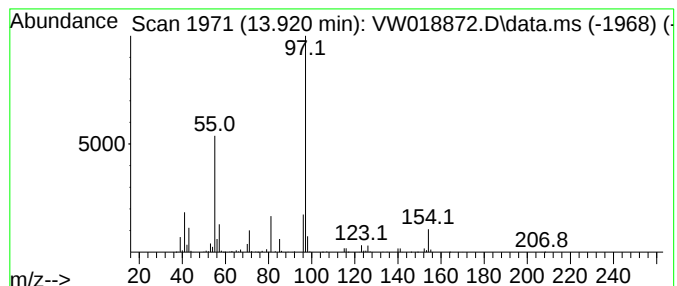
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 Sulfurous acid, cyclohexylm... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.920	57.46 ug/L	1373330	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	72
2			Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	64
3			Sulfurous acid, cyclohexylmethyl...	360	C20H40O3S	1000309-22-1	50
4			Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	50
5			Sulfurous acid, cyclohexylmethyl...	388	C22H44O3S	1000309-22-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

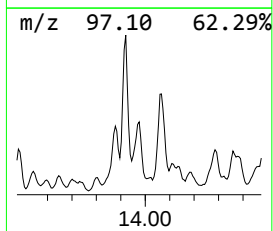
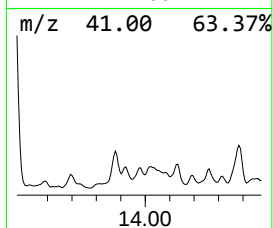
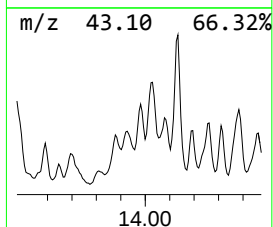
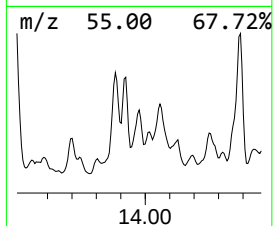
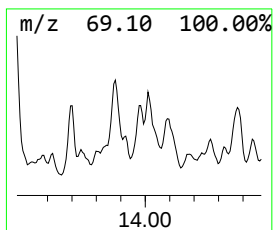
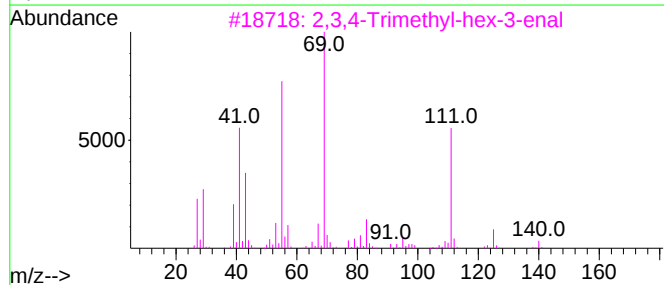
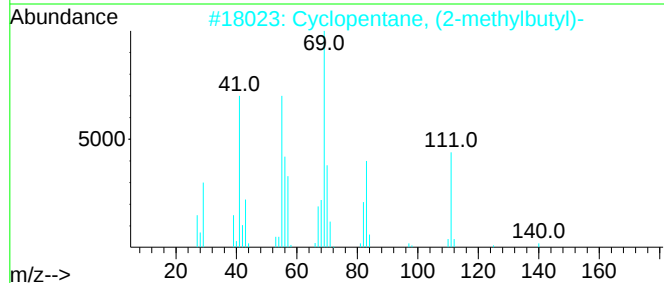
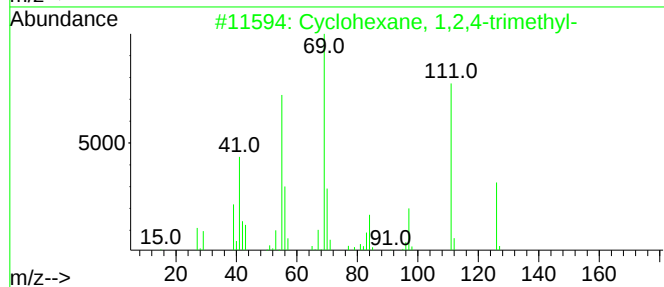
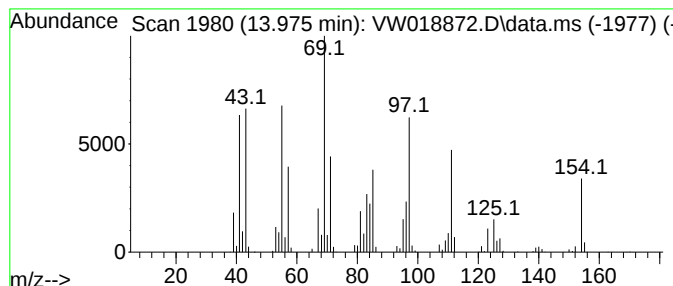
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 (DEL) Alkane: Cyclic13.975 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.975	36.95 ug/L	883167	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	35
2			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	30
3			2,3,4-Trimethyl-hex-3-enal	140	C9H16O	1000193-72-9	27
4			Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-29-3	27
5			2-Acetyl cyclohexanone	154	C9H14O2	006126-53-0	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

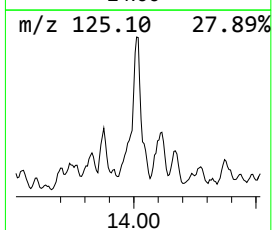
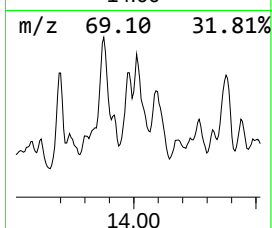
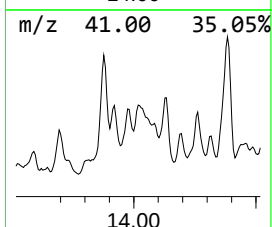
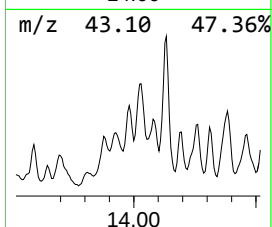
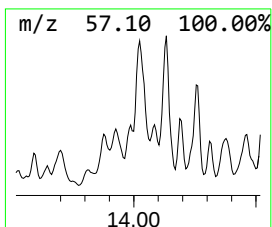
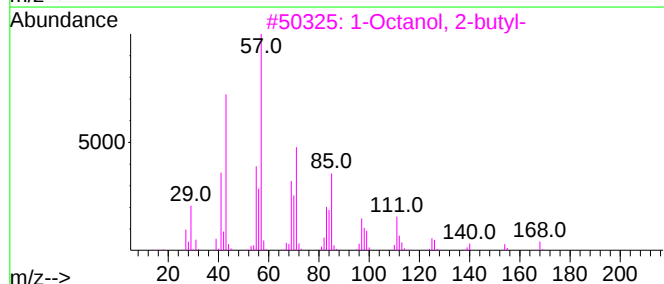
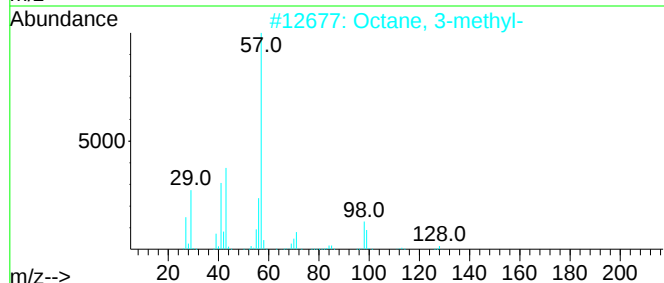
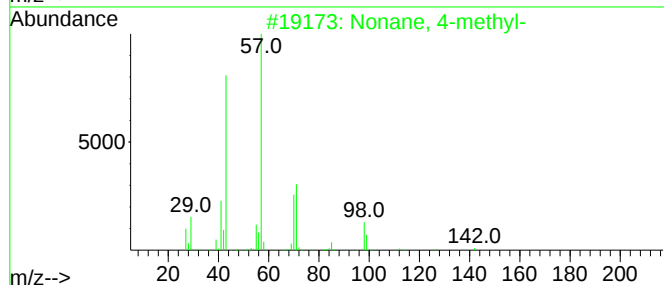
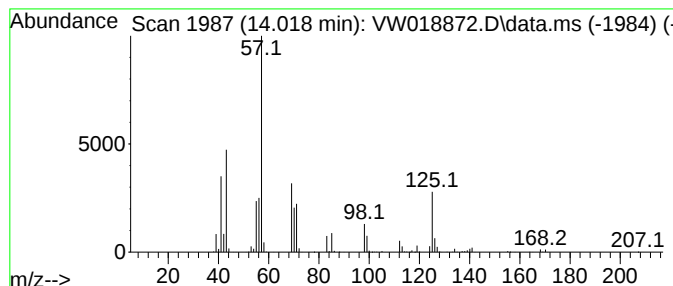
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.018	37.65 ug/L	899844	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 4-methyl-	142	C10H22	017301-94-9	43
2		Octane, 3-methyl-	128	C9H20	002216-33-3	43
3		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	42
4		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	42
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

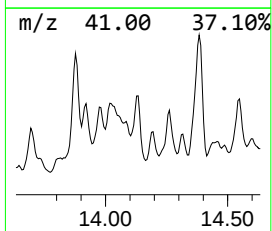
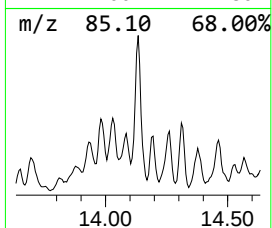
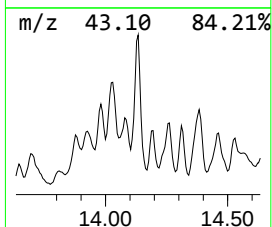
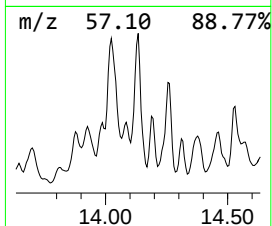
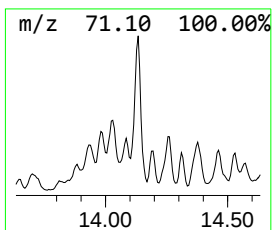
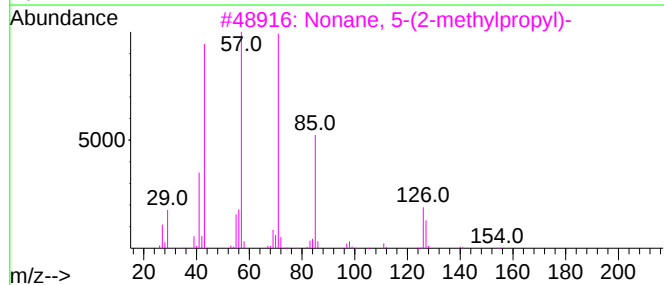
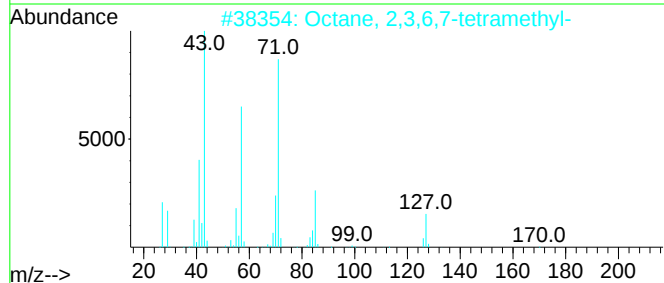
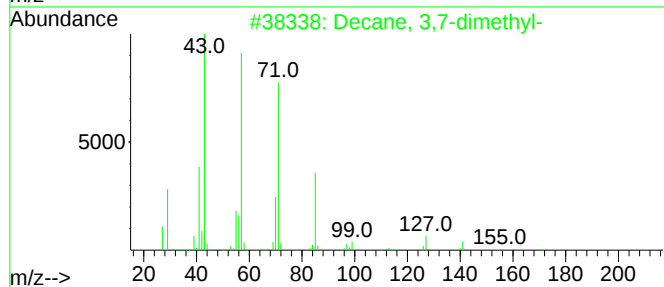
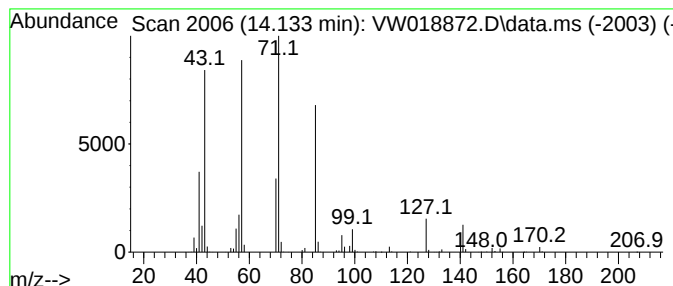
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.133	76.58 ug/L	1830470	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	94
2			Octane, 2,3,6,7-tetramethyl-	170	C12H26	052670-34-5	59
3			Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	59
4			Butanal, 4-[(tetrahydro-2H-pyran...	172	C9H16O3	054911-85-2	50
5			Decane, 4-methyl-	156	C11H24	002847-72-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

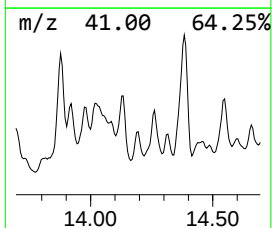
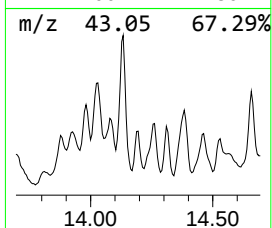
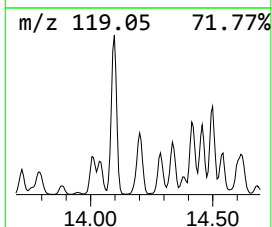
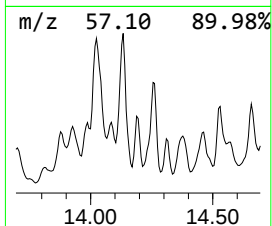
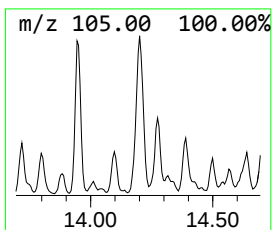
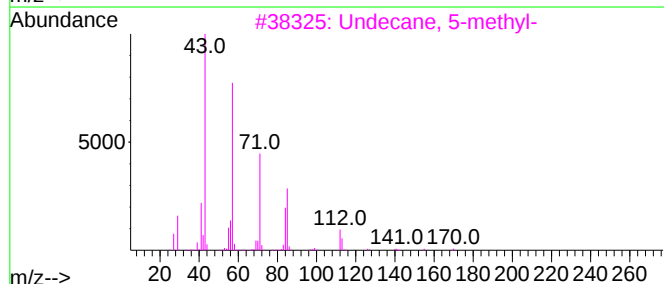
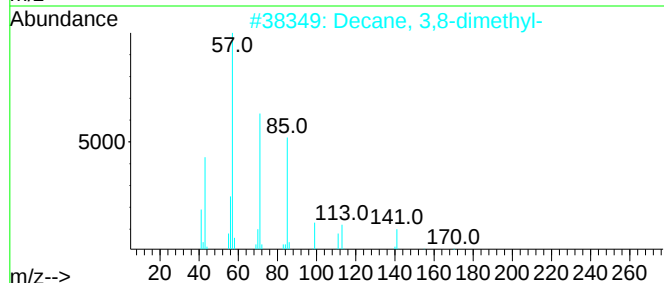
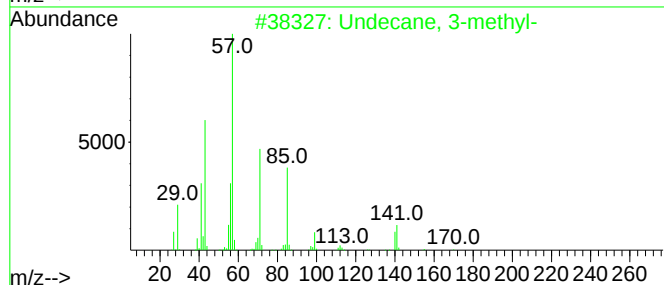
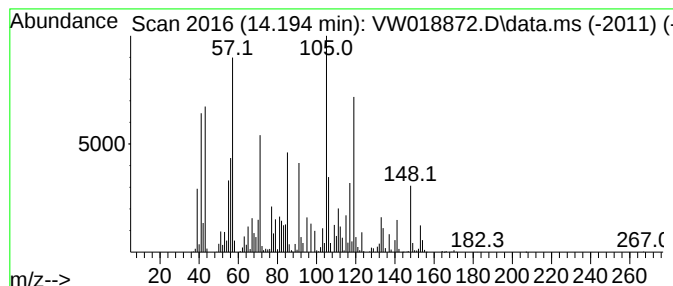
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.194	75.34 ug/L	1800680	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	43
2			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	41
3			Undecane, 5-methyl-	170	C12H26	001632-70-8	30
4			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	25
5			10-Methylnonadecane	282	C20H42	056862-62-5	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

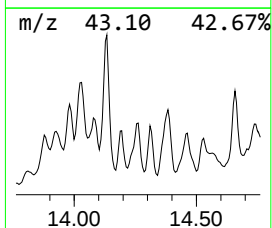
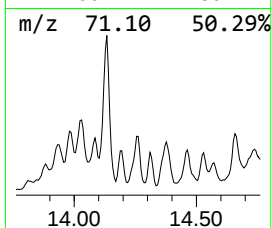
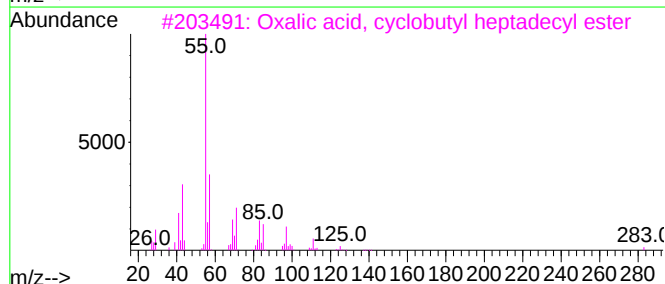
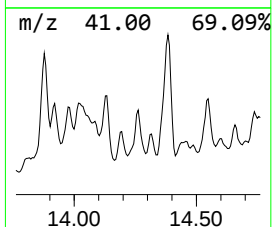
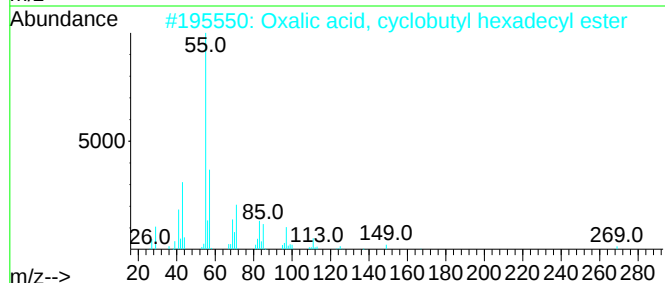
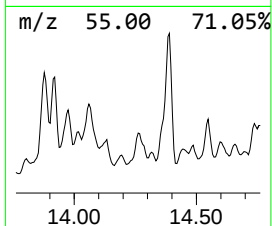
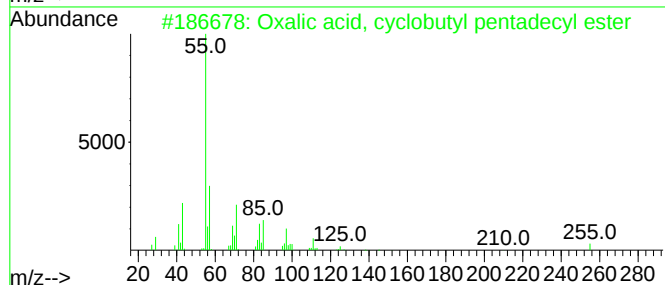
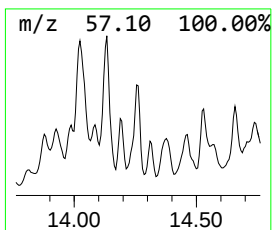
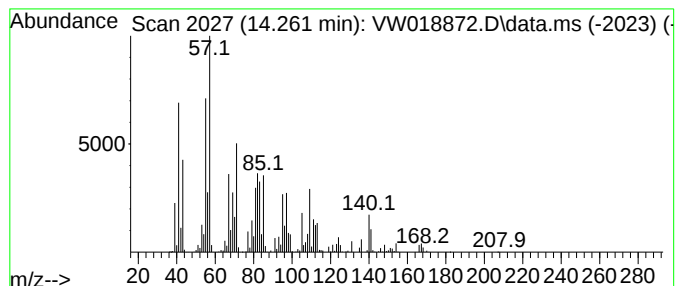
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 unknown-03 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.261	69.84 ug/L	1669280	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1000309-70-5	49
2			Oxalic acid, cyclobutyl hexadecy...	368	C22H40O4	1000309-70-6	47
3			Oxalic acid, cyclobutyl heptadec...	382	C23H42O4	1000309-70-7	46
4			Oxalic acid, cyclobutyl octadecy...	396	C24H44O4	1000309-70-8	46
5			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

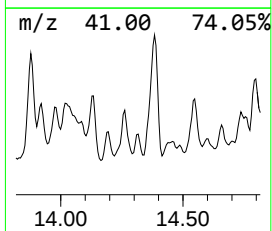
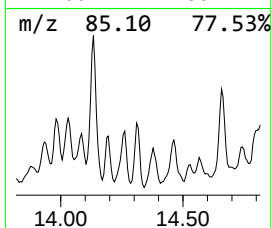
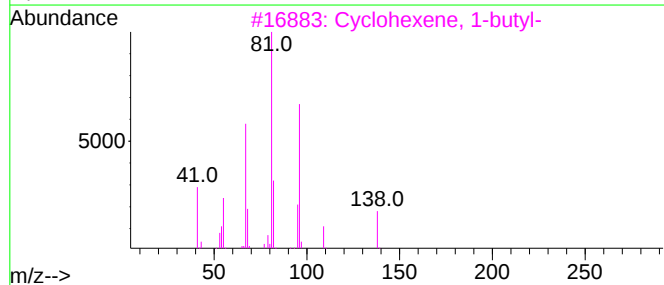
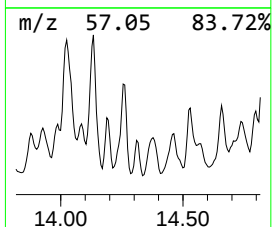
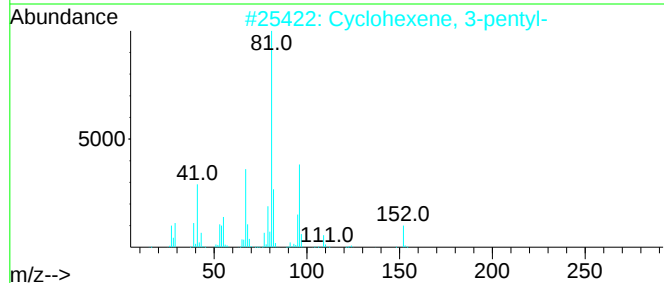
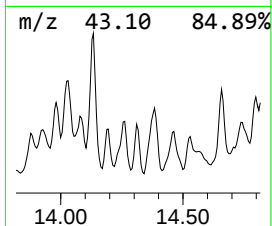
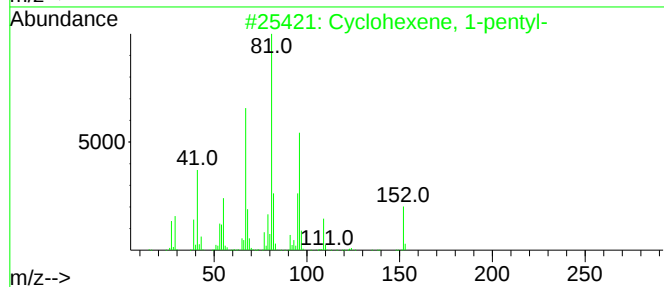
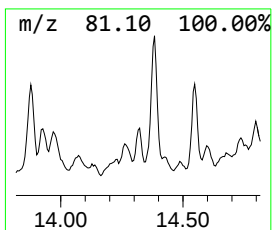
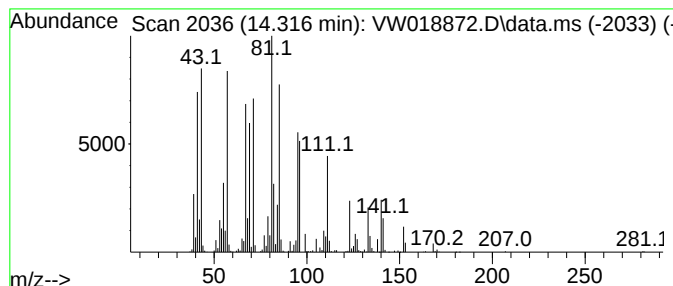
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 43 (DEL) Alkane: Cyclic14.316 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.316	25.92 ug/L	619512	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	38
2			Cyclohexene, 3-pentyl-	152	C11H20	015232-92-5	35
3			Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	35
4			Decane, 4-ethyl-	170	C12H26	001636-44-8	30
5			2,4-Hexadiene, 3-methyl-	96	C7H12	028823-42-9	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

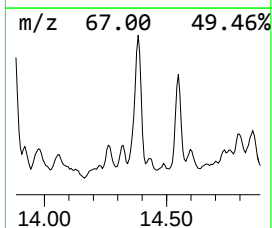
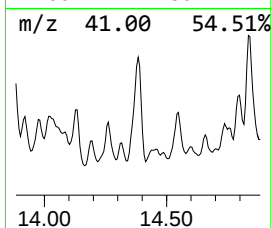
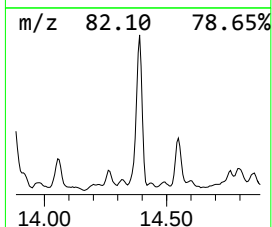
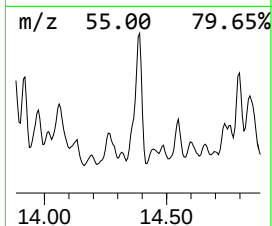
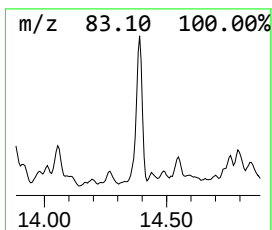
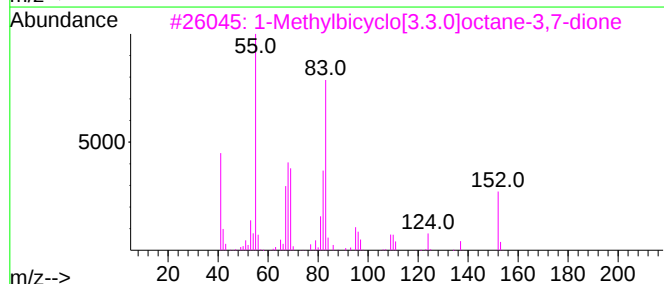
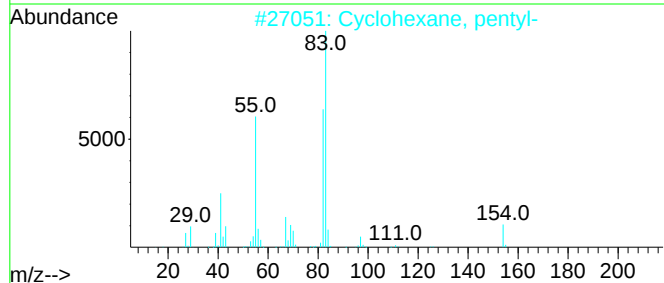
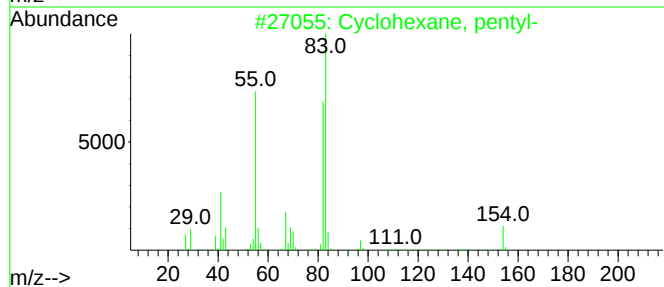
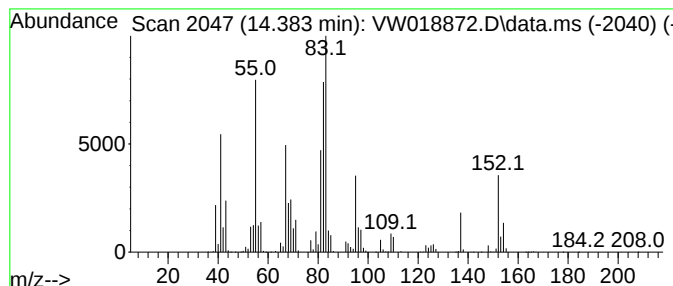
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 44 (DEL) Alkane: Cyclic14.383 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.383	226.10 ug/L	5404190	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
3			1-Methylbicyclo[3.3.0]octane-3,7...	152	C9H12O2	021170-08-1	64
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	58
5			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

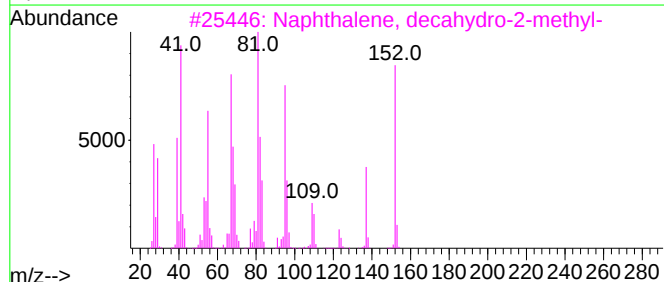
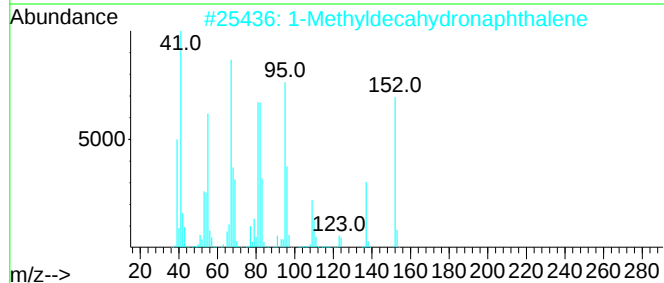
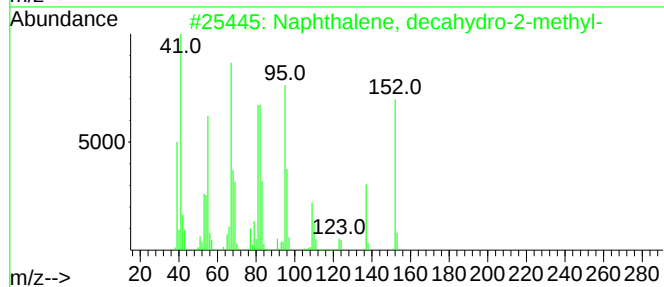
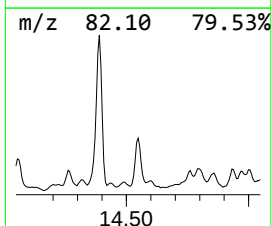
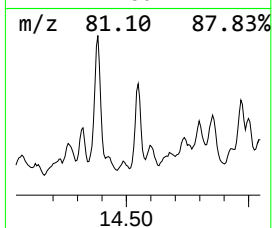
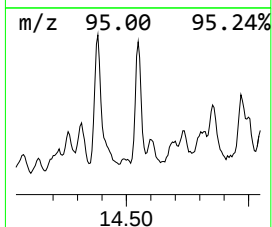
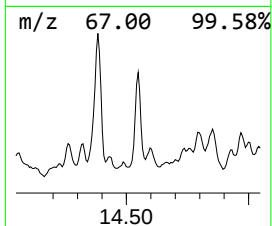
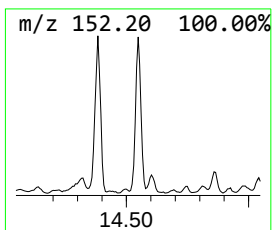
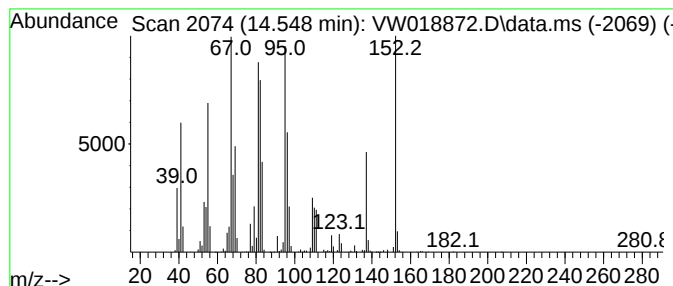
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 45 Naphthalene, decahydro-2-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.548	99.51 ug/L	2378470	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
2			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	97
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
4			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	76
5			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

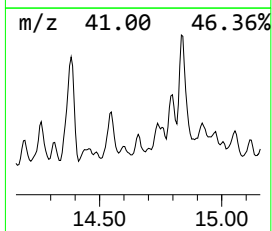
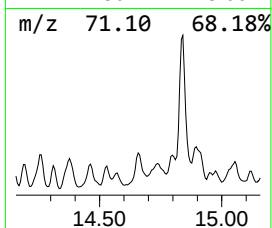
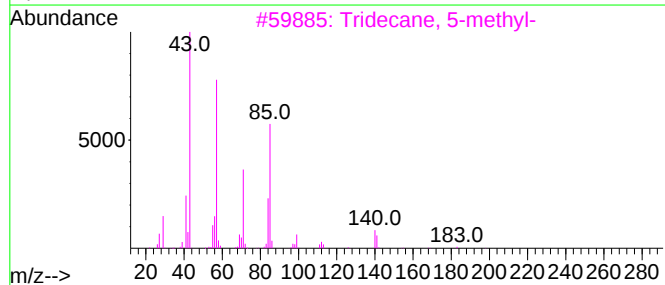
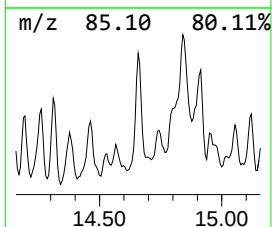
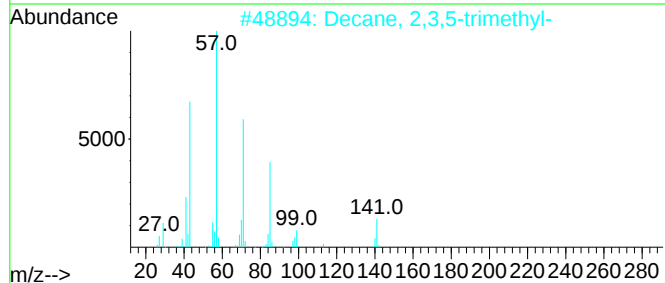
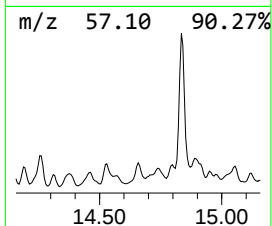
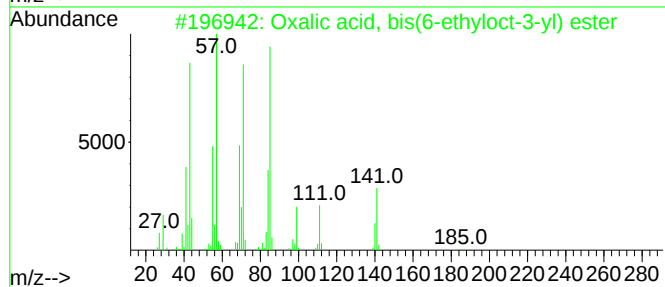
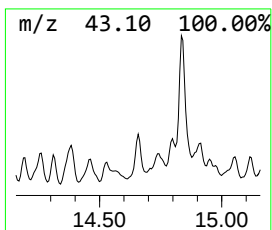
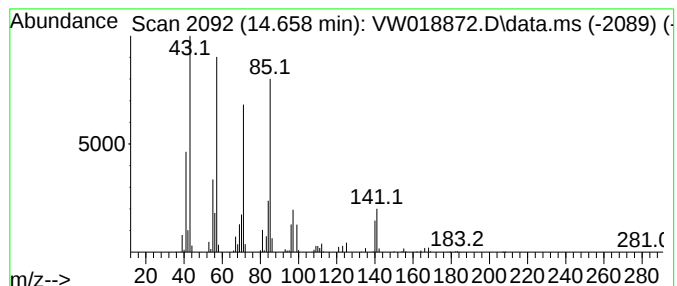
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 46 Oxalic acid, bis(6-ethyloct... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.658	17.89 ug/L	427679	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Oxalic acid, bis(6-ethyloct-3-yl...	370	C22H42O4	1000309-34-6	87
2		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	59
3		Tridecane, 5-methyl-	198	C14H30	025117-31-1	53
4		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	52
5		Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

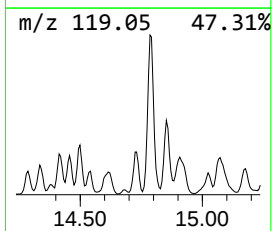
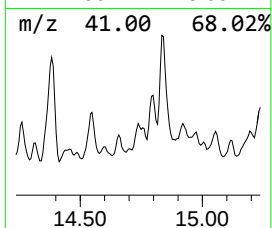
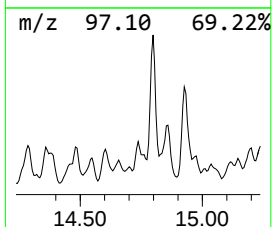
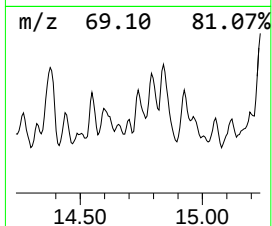
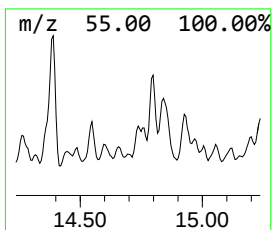
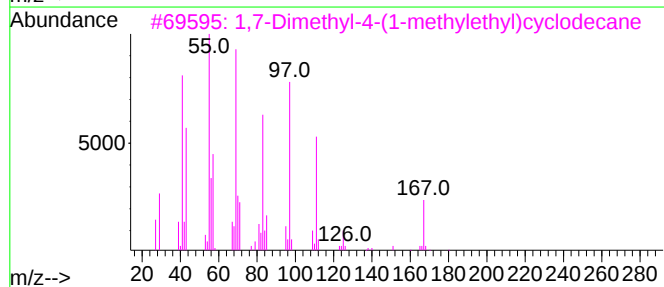
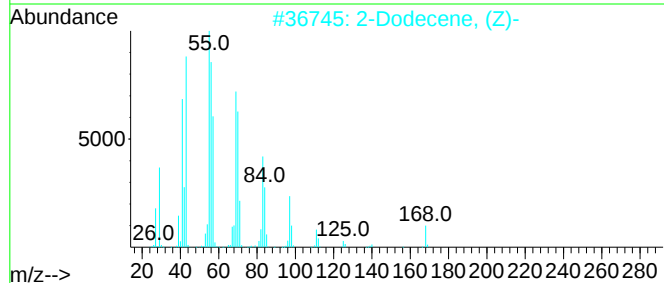
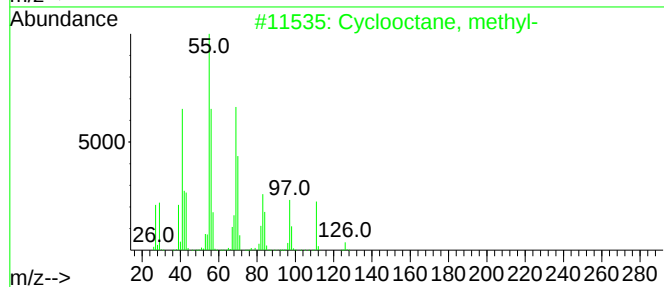
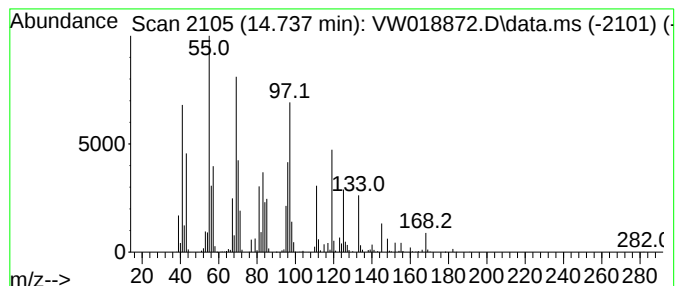
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 47 (DEL) Alkane: Cyclic14.737 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.737	57.86 ug/L	1383020	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctane, methyl-	126	C9H18	001502-38-1	38
2			2-Dodecene, (Z)-	168	C12H24	007206-26-0	38
3			1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	38
4			Cyclooctane, methyl-	126	C9H18	001502-38-1	30
5			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

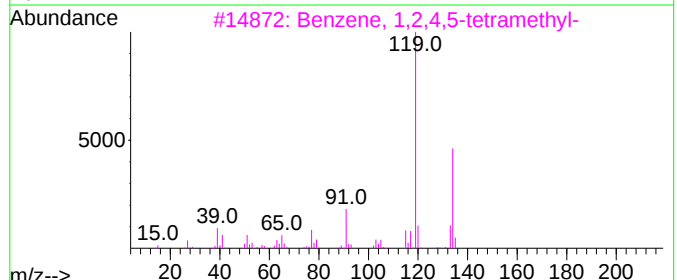
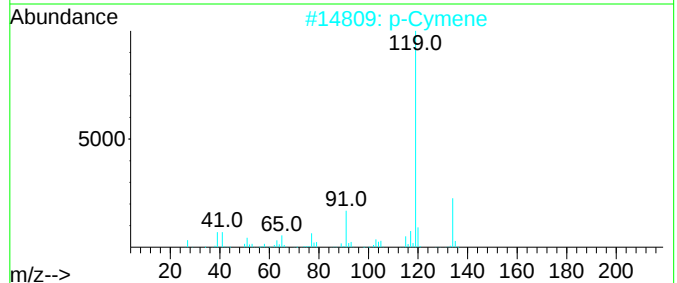
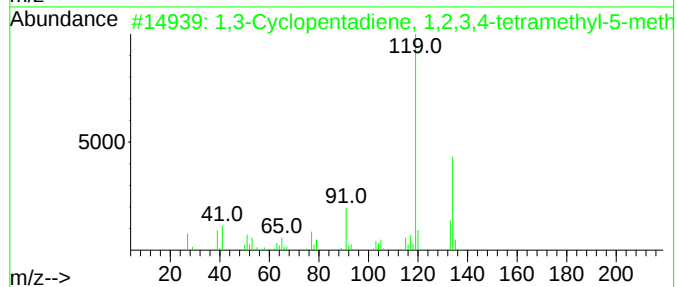
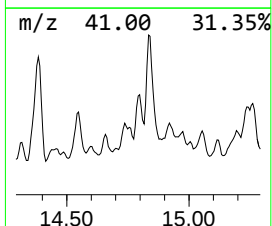
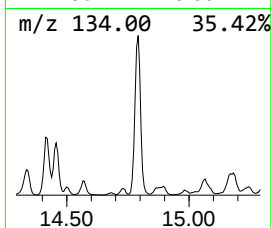
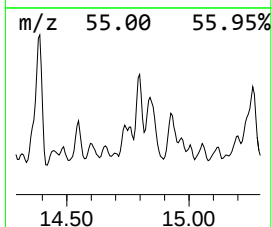
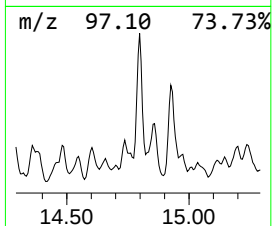
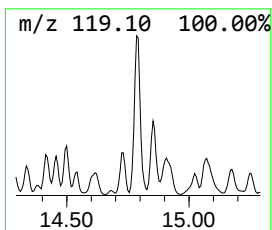
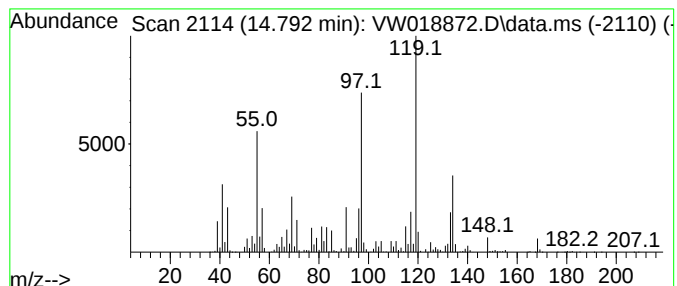
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 48 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	153.17 ug/L	3661170	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	50
2			p-Cymene	134	C10H14	000099-87-6	46
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	46
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	46
5			o-Cymene	134	C10H14	000527-84-4	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

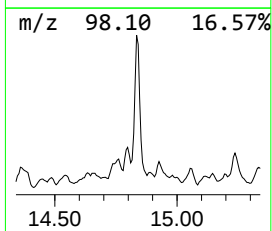
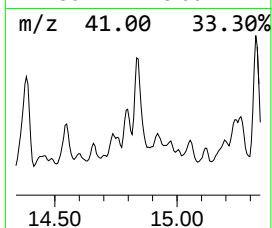
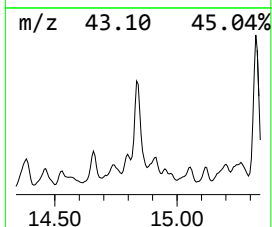
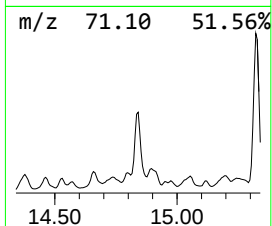
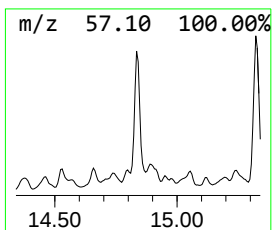
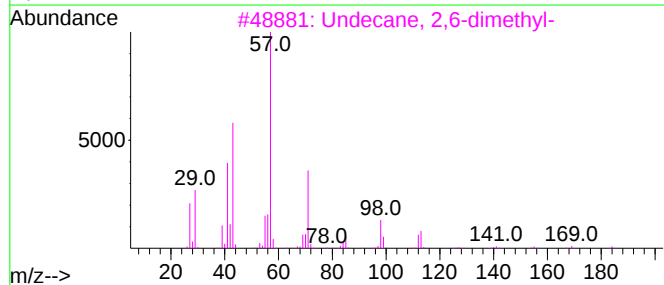
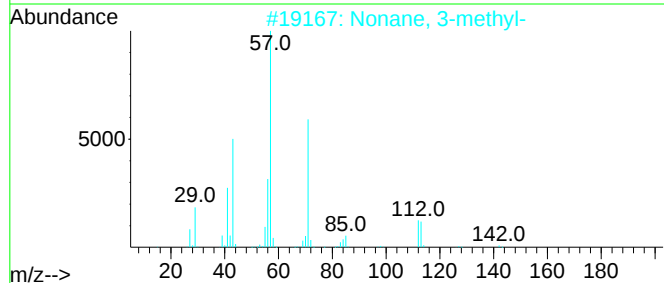
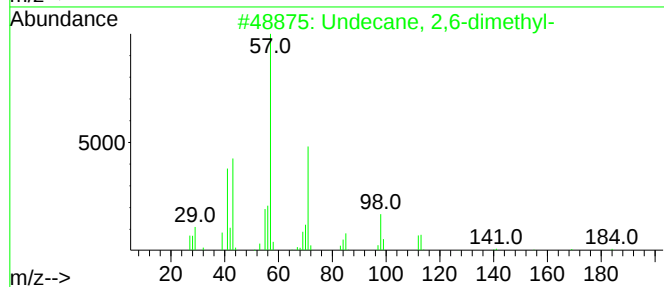
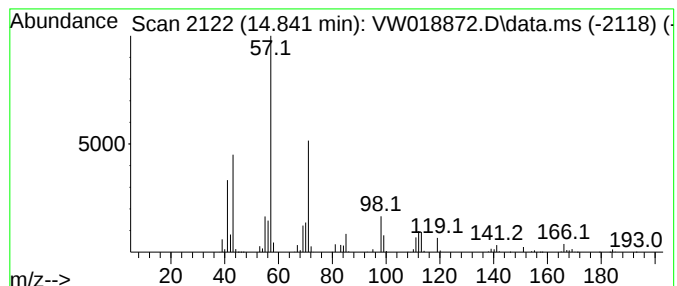
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.841	206.14 ug/L	4927170	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	83
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	70
3			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
4			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	64
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

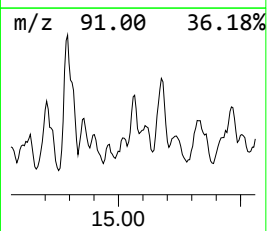
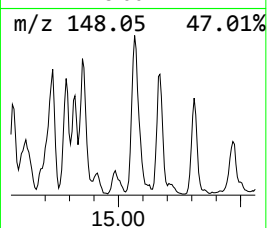
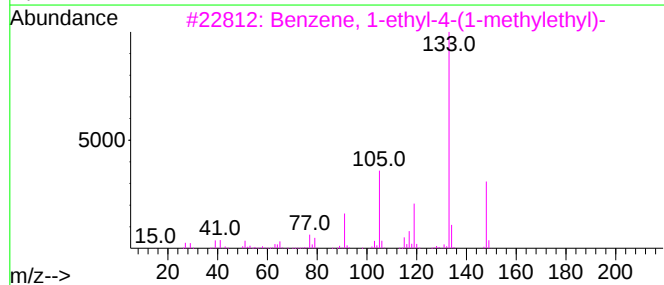
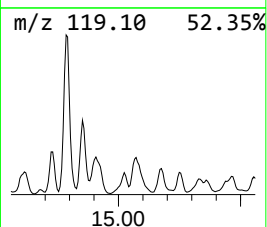
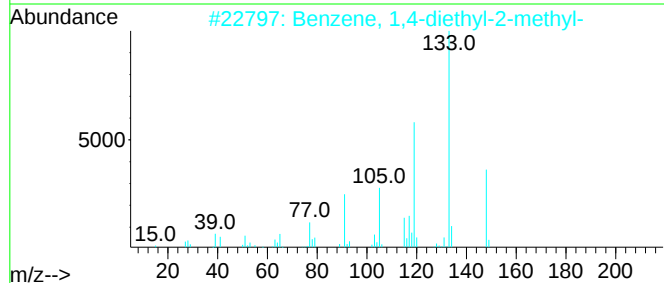
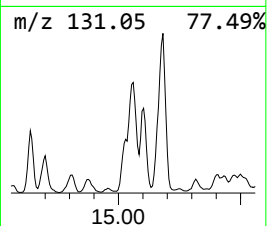
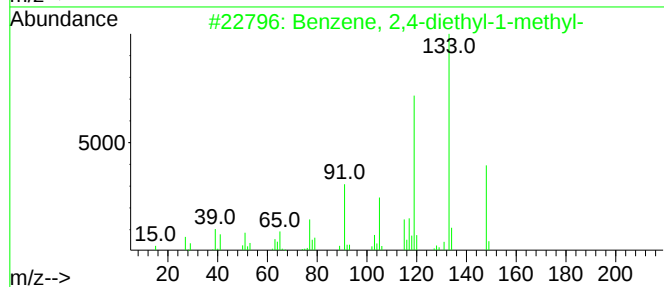
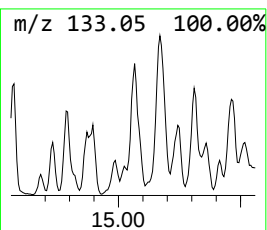
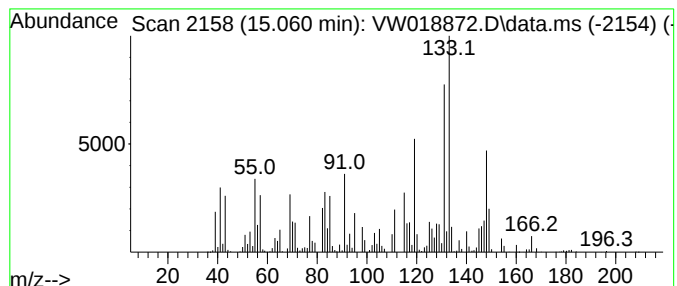
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 50 unknown-04 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	54.28 ug/L	1297330	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	45
2			Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	43
3			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	38
4			Benzene, pentamethyl-	148	C11H16	000700-12-9	30
5			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

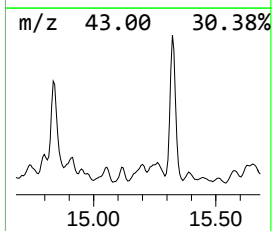
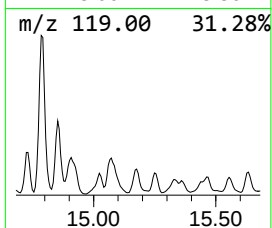
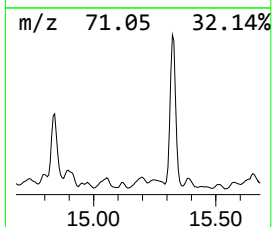
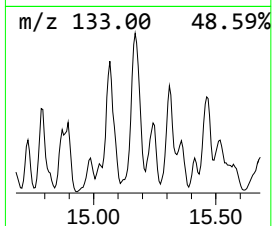
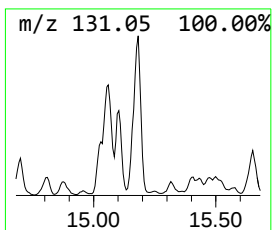
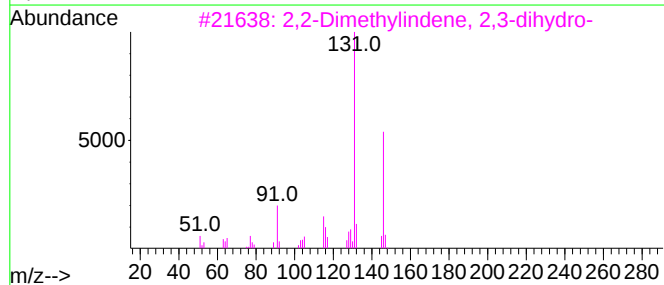
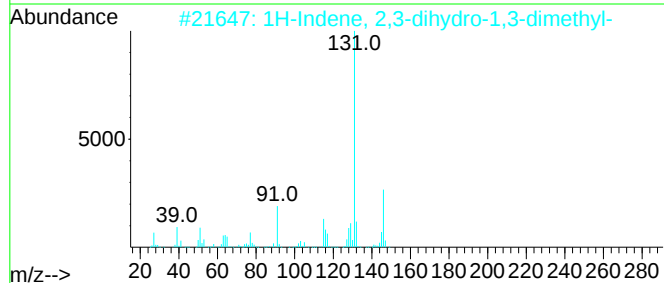
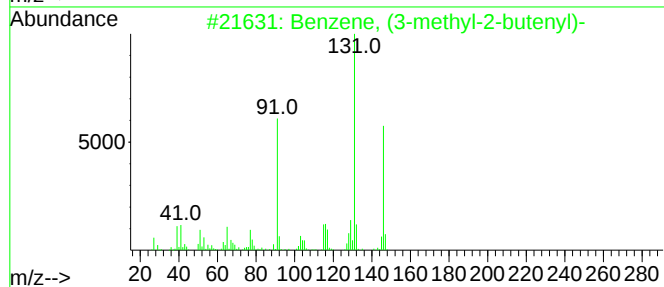
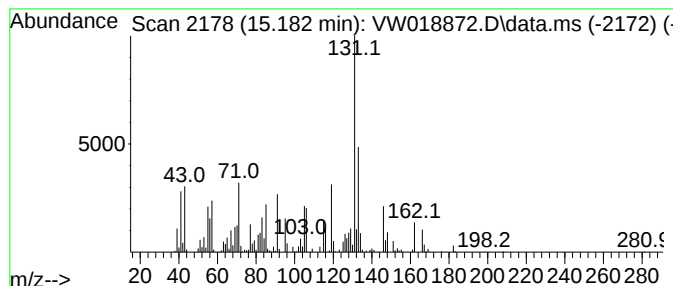
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 51 unknown-05 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.182	96.75 ug/L	2312640	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	46
2			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	46
3			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	46
4			Cyclopropane, 1-chloro-1-methyl-...	166	C10H11Cl	1000161-07-9	42
5			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

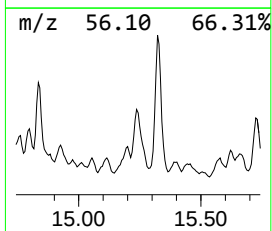
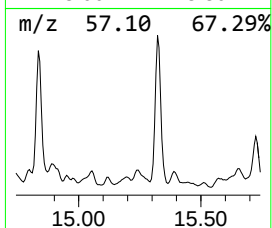
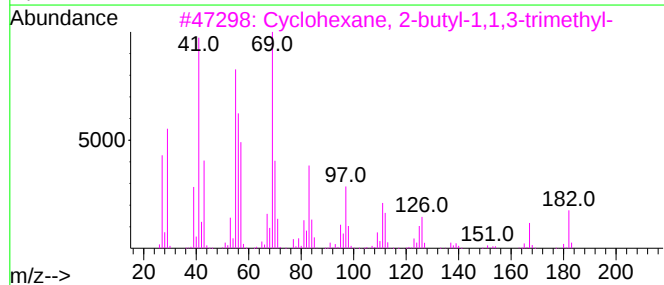
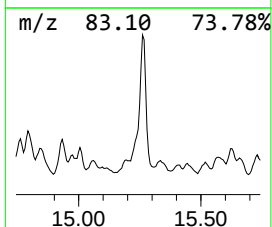
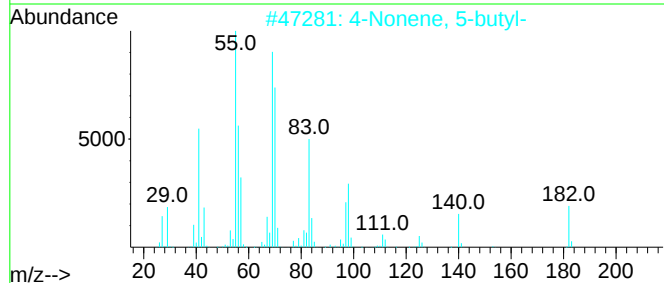
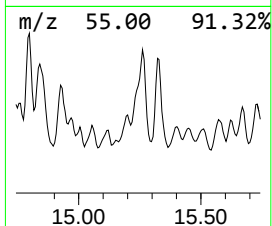
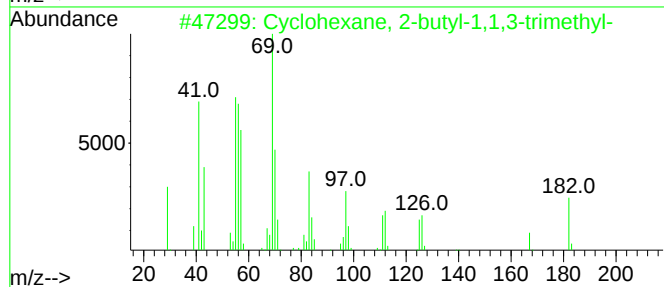
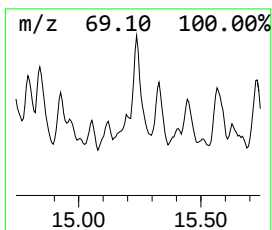
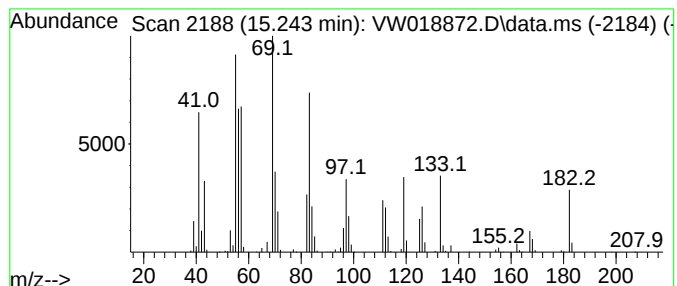
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 52 (DEL) Alkane: Cyclic15.243 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.243	34.09 ug/L	814731	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	91
2			4-Nonene, 5-butyl-	182	C13H26	007367-38-6	58
3			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	43
4			Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	43
5			Cyclopentane, 1-butyl-2-propyl-	168	C12H24	062199-50-2	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

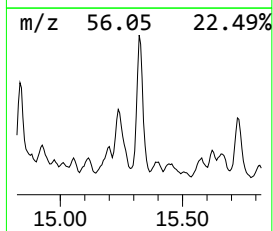
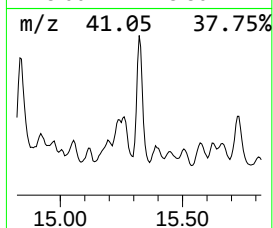
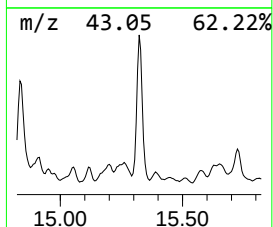
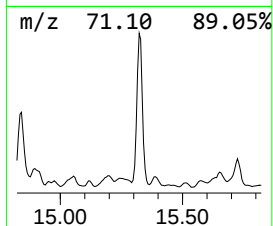
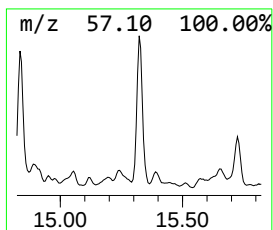
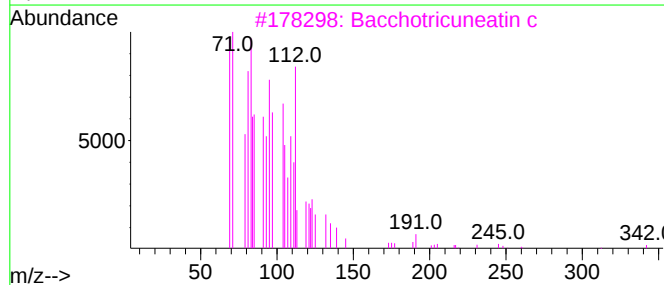
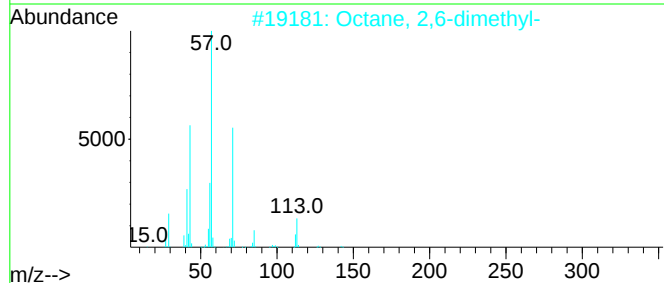
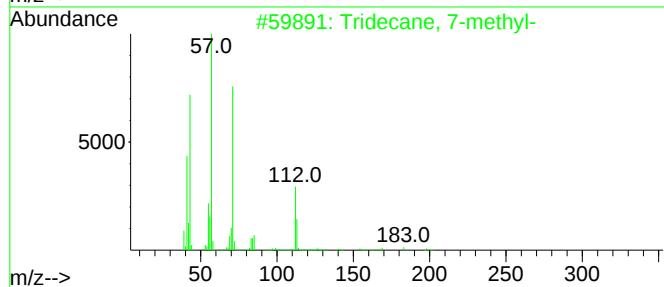
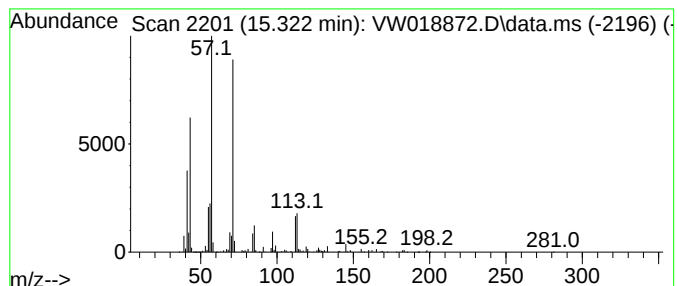
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.322	241.81 ug/L	5779880	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 7-methyl-	198	C14H30	026730-14-3	87
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
3		Bacchotricuneatin c	342	C20H22O5	066563-30-2	80
4		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	72
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

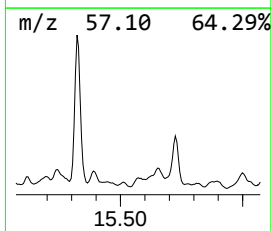
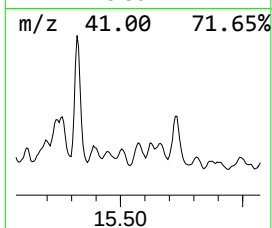
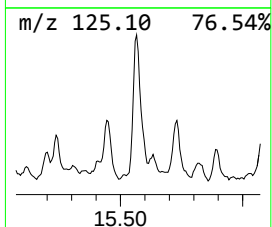
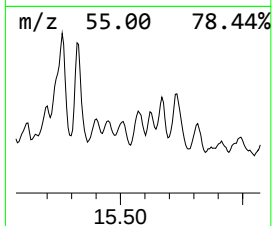
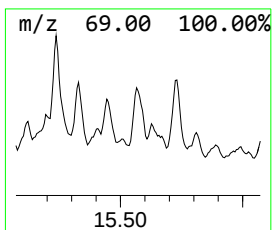
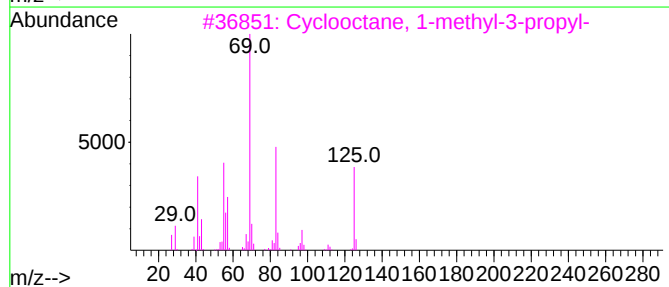
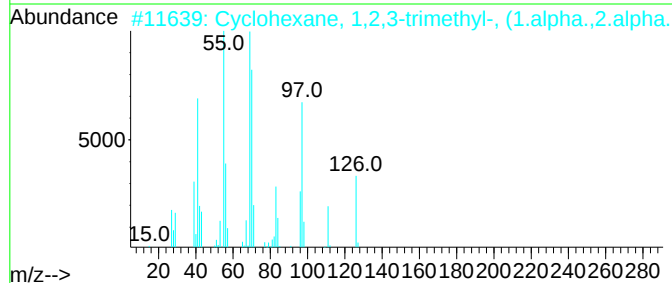
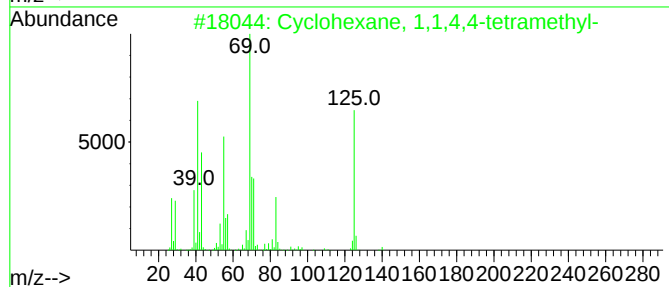
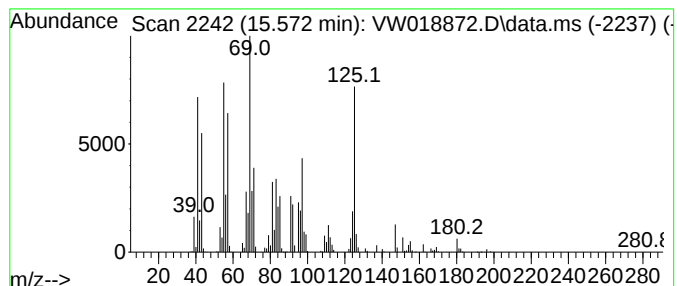
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 54 (DEL) Alkane: Cyclic15.572 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.572	57.51 ug/L	1374550	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	46
2			Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001839-88-9	41
3			Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	38
4			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	38
5			2-Amino-4-hydroxy-6-methylpyrimi...	125	C5H7N3O	003977-29-5	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

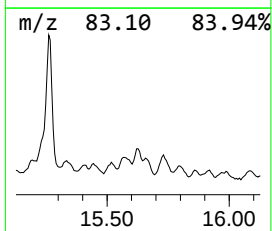
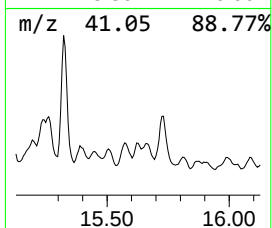
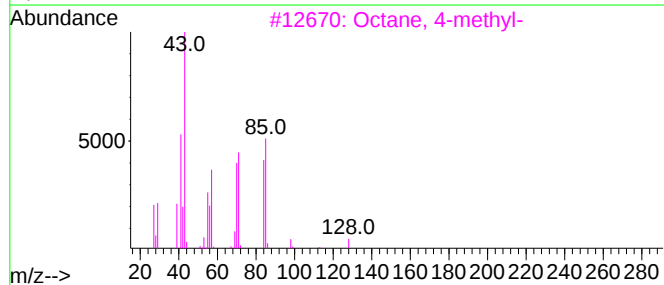
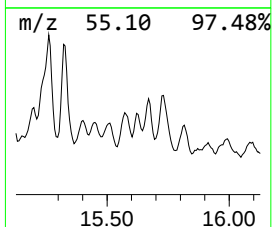
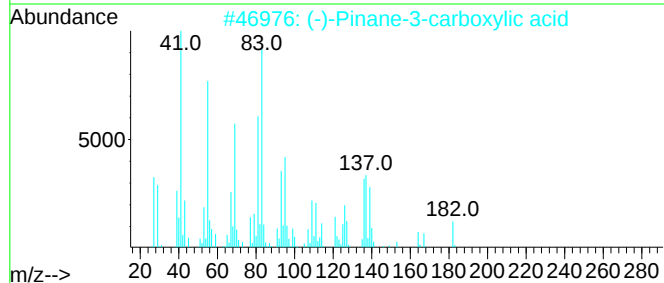
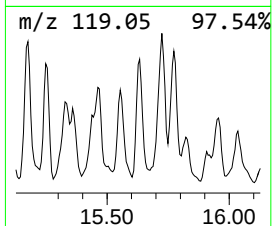
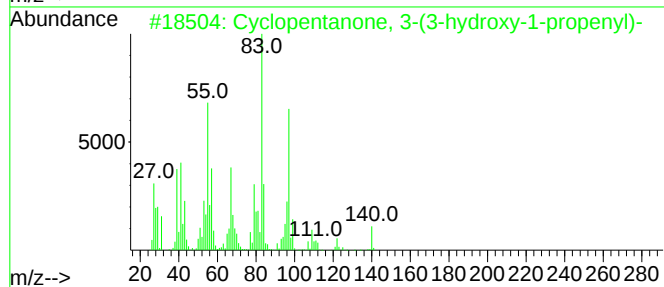
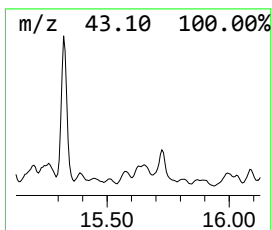
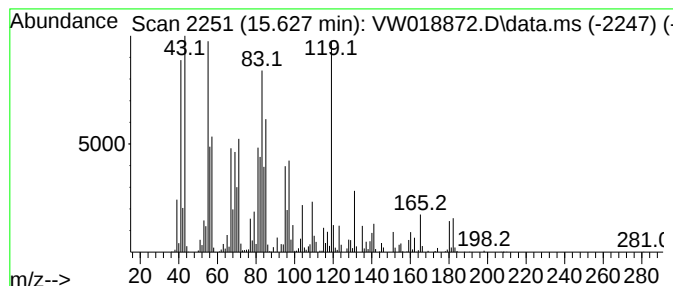
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 55 unknown-06 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.627	34.78 ug/L	831315	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentanone, 3-(3-hydroxy-1-p...	140	C8H12O2	074473-08-8	30
2			(-)-Pinane-3-carboxylic acid	182	C11H18O2	064284-84-0	25
3			Octane, 4-methyl-	128	C9H20	002216-34-4	25
4			Octane, 4-methyl-	128	C9H20	002216-34-4	25
5			Cyclohexane, 1,1'-methylenebis-	180	C13H24	003178-23-2	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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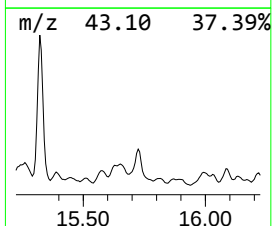
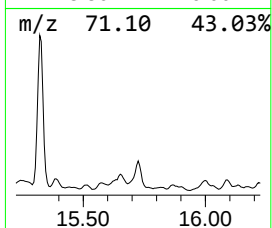
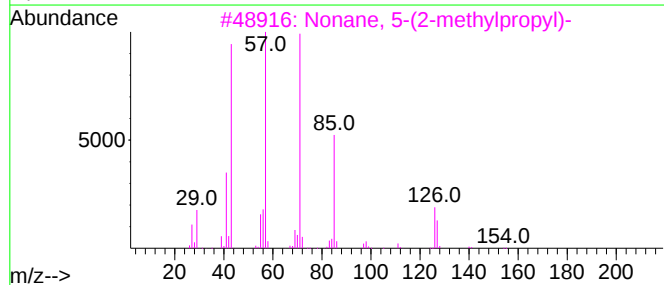
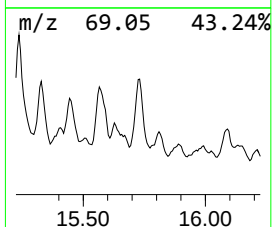
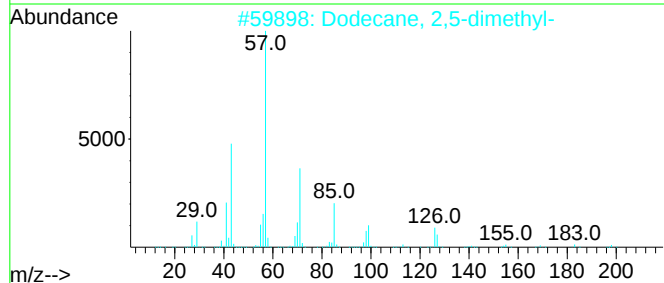
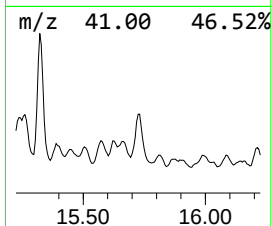
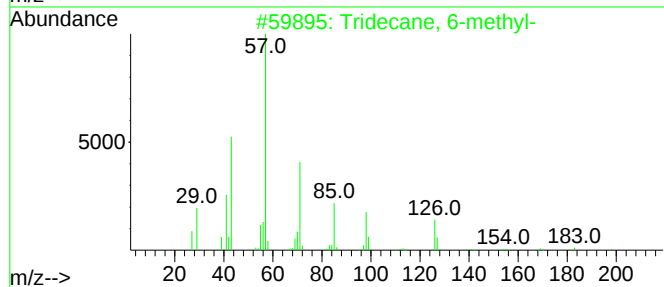
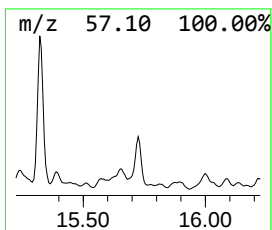
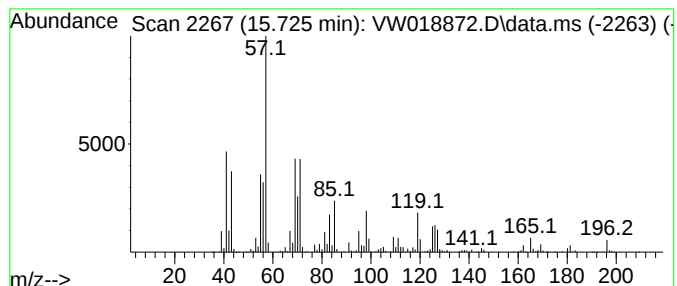
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.725	111.44 ug/L	2663680	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-methyl-	198	C14H30	013287-21-3	60
2			Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	53
3			Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	38
4			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	38
5			Tetratetracontane	619	C44H90	007098-22-8	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

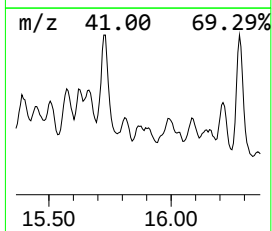
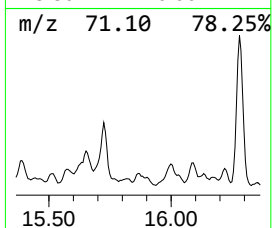
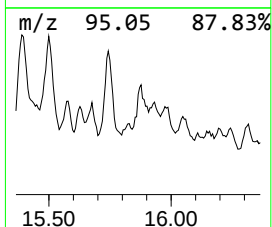
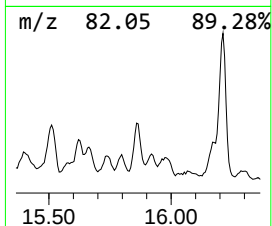
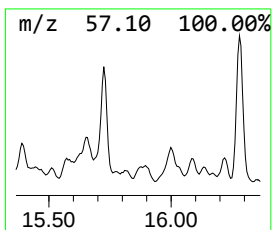
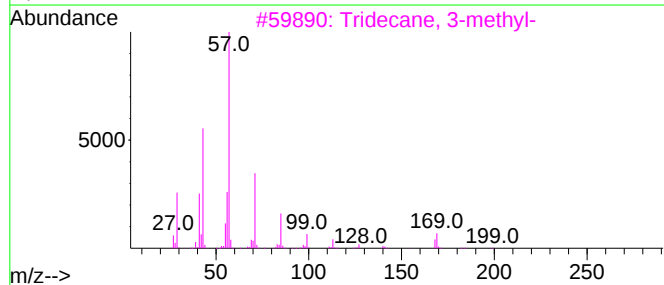
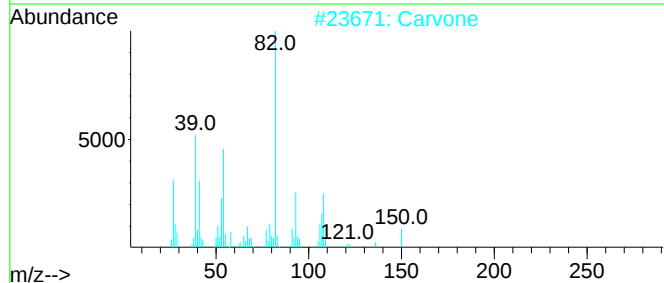
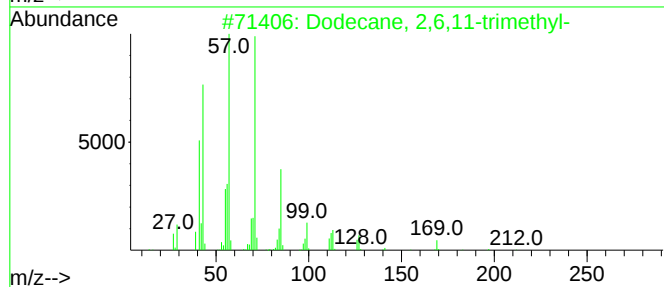
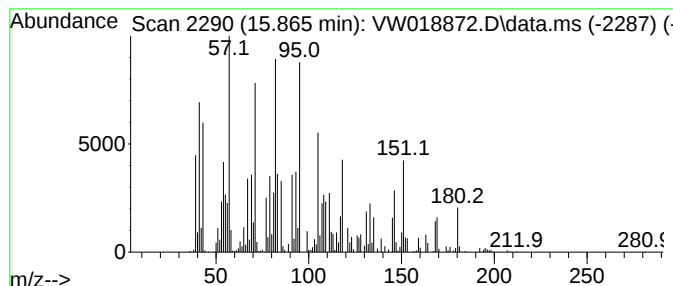
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.865	23.17 ug/L	553772	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	56
2		Carvone	150	C10H14O	000099-49-0	15
3		Tridecane, 3-methyl-	198	C14H30	006418-41-3	15
4		(-)-Carvone	150	C10H14O	006485-40-1	15
5		Dodecane	170	C12H26	000112-40-3	11



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

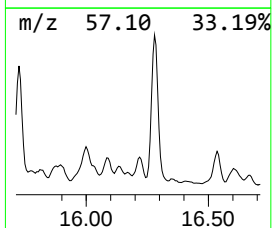
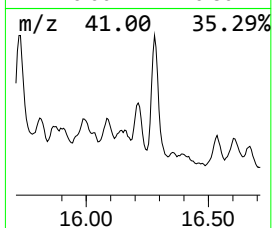
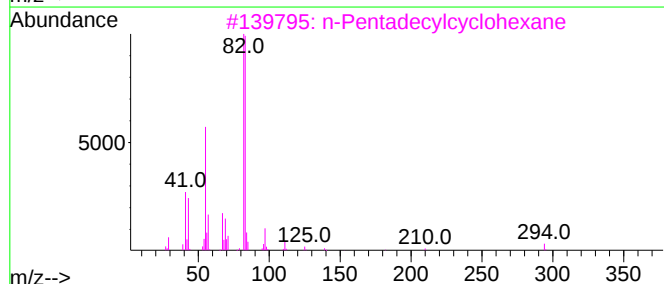
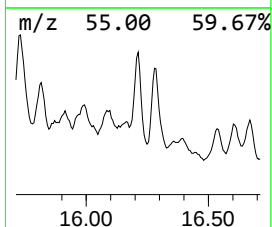
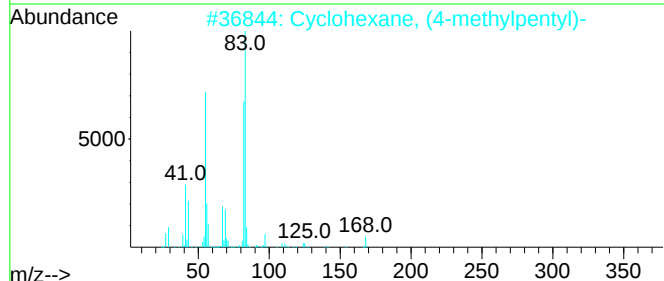
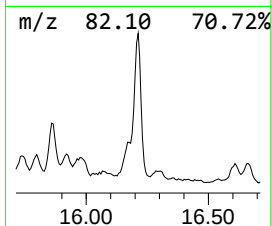
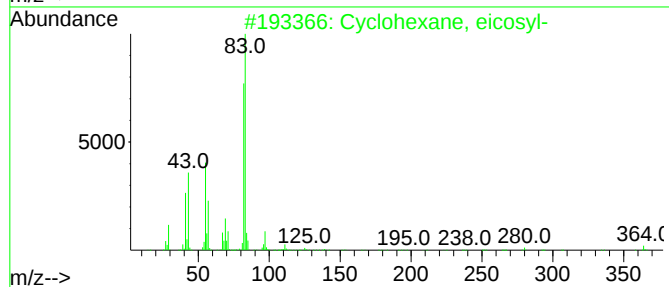
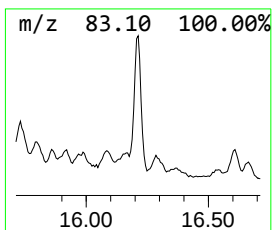
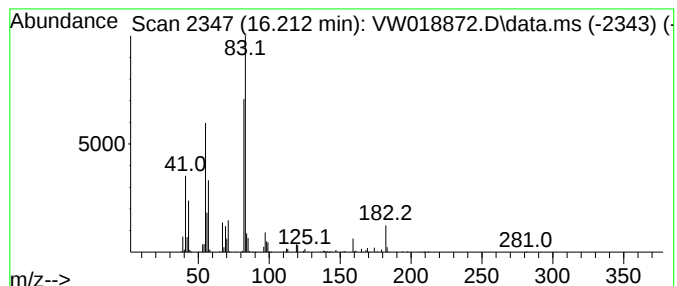
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 58 (DEL) Alkane: Cyclic16.212 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.212	47.33 ug/L	1131190	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, eicosyl-	364	C26H52	004443-55-4	72
2		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	72
3		n-Pentadecylcyclohexane	294	C21H42	006006-95-7	64
4		Cyclohexane, hexyl-	168	C12H24	004292-75-5	64
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

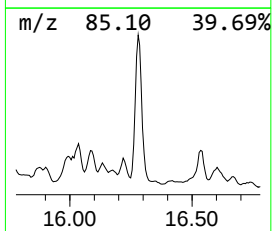
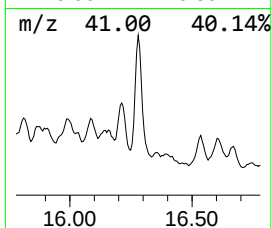
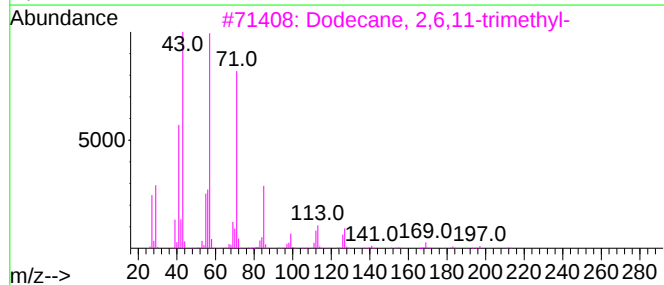
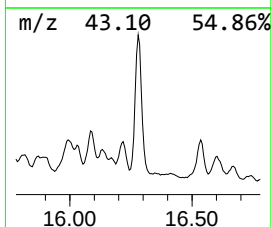
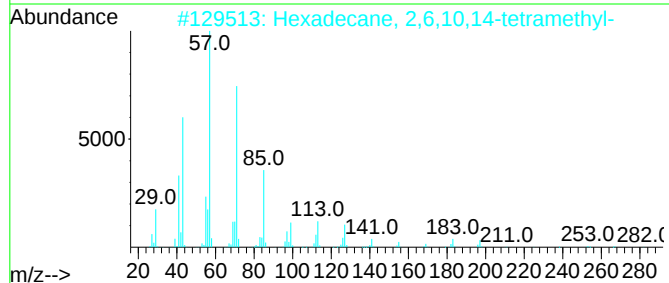
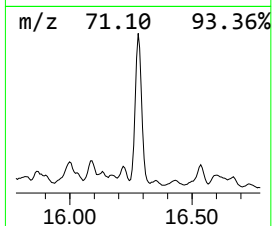
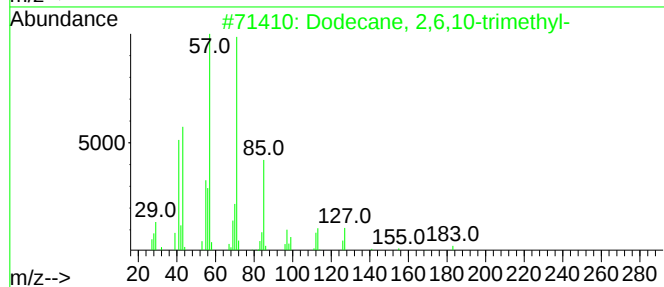
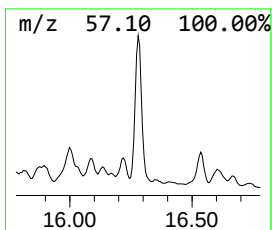
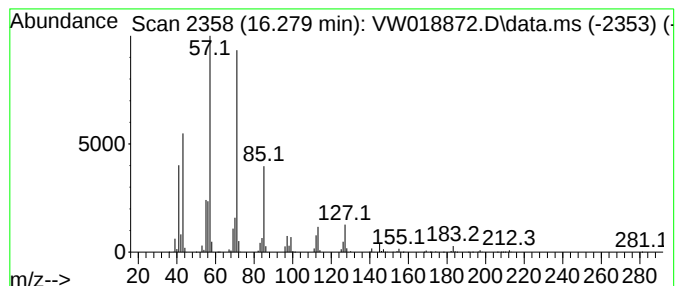
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.279	135.69 ug/L	3243260	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
4		Octane, 2-methyl-	128	C9H20	003221-61-2	87
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

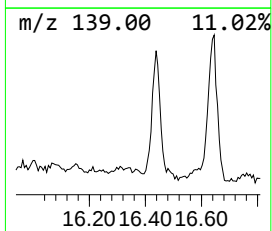
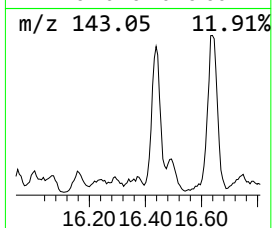
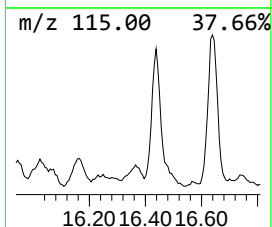
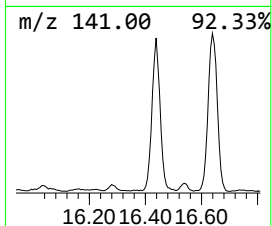
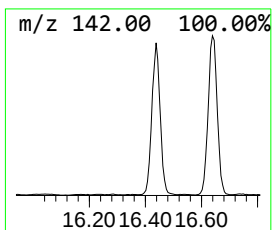
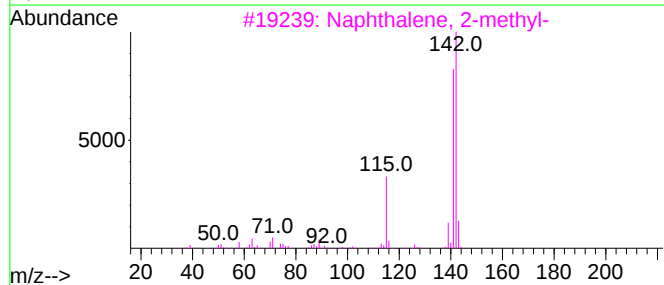
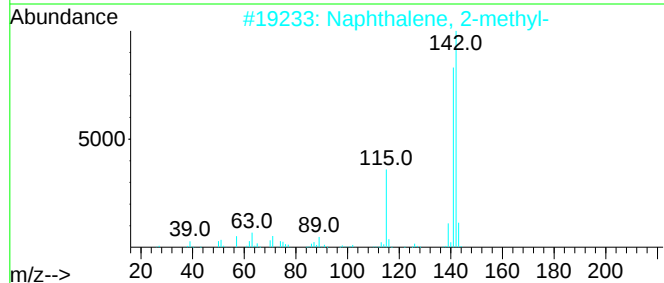
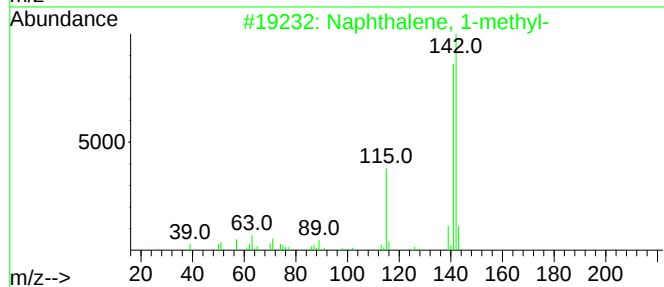
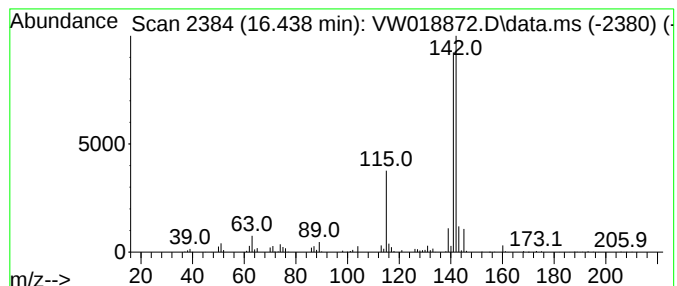
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 60 Benzocycloheptatriene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.438	45.17 ug/L	1079760	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
4			Benzocycloheptatriene	142	C11H10	000264-09-5	91
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
Data File : VW018872.D
Acq On : 30 Apr 2021 11:30
Operator : SY/VA
Sample : M2192-01RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG595RE

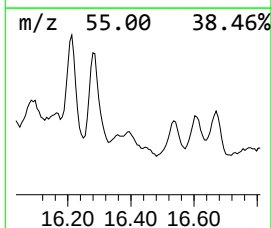
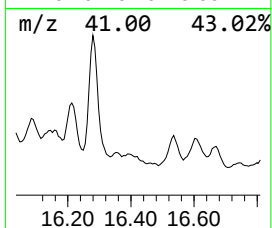
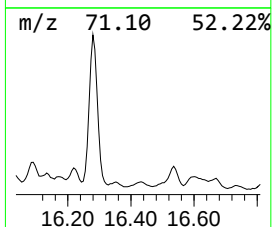
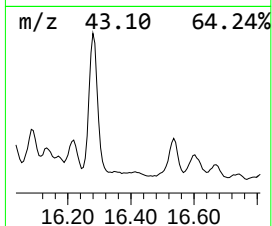
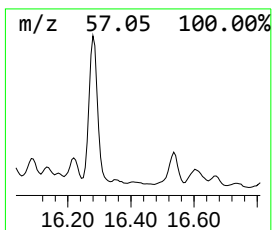
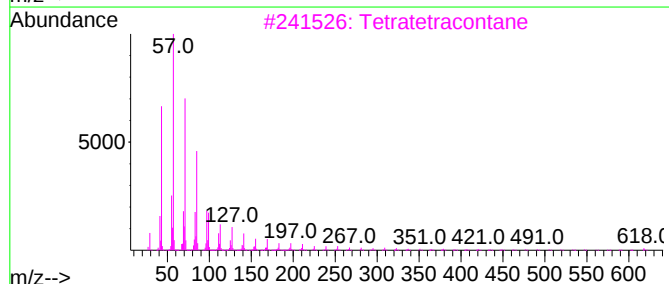
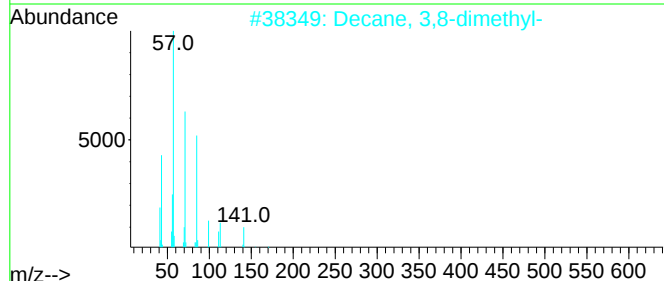
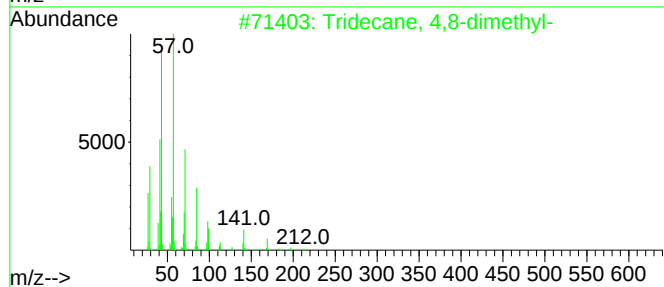
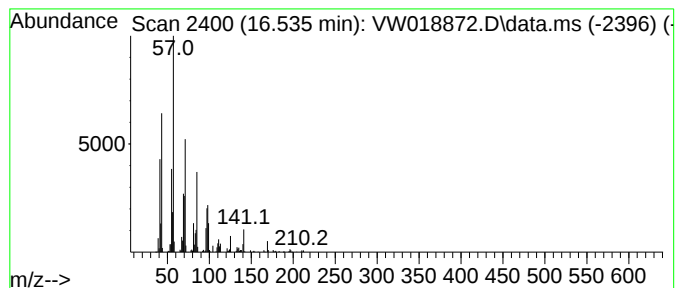
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.535	21.34 ug/L	510131	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	70
2			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	60
3			Tetratetracontane	619	C44H90	007098-22-8	59
4			Nonadecane	268	C19H40	000629-92-5	52
5			Hexadecane	226	C16H34	000544-76-3	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
 Data File : VW018872.D
 Acq On : 30 Apr 2021 11:30
 Operator : SY/VA
 Sample : M2192-01RE
 Misc : 4.19G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG595RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	1.989	2.0	ug/L	117038	1	8.842	1463560	25.0
(DEL) Alkane: C...	9.610	2.6	ug/L	151671	1	8.842	1463560	25.0
(DEL) Alkane: C...	9.750	3.6	ug/L	213044	1	8.842	1463560	25.0
(DEL) Alkane: S...	10.128	1.4	ug/L	83111	1	8.842	1463560	25.0
(DEL) Alkane: C...	10.207	1.3	ug/L	75162	1	8.842	1463560	25.0
(DEL) Alkane: C...	10.445	1.9	ug/L	108506	2	11.634	1397350	25.0
(DEL) Alkane: C...	10.506	8.9	ug/L	499886	2	11.634	1397350	25.0
(DEL) Alkane: C...	10.665	7.3	ug/L	408476	2	11.634	1397350	25.0
(DEL) Alkane: C...	10.762	4.6	ug/L	258612	2	11.634	1397350	25.0
(DEL) Alkane: S...	10.847	3.7	ug/L	207787	2	11.634	1397350	25.0
(DEL) Alkane: S...	11.036	11.3	ug/L	629657	2	11.634	1397350	25.0
(DEL) Alkane: C...	11.110	3.2	ug/L	177578	2	11.634	1397350	25.0
(DEL) Alkane: C...	11.177	9.8	ug/L	548402	2	11.634	1397350	25.0
(DEL) Alkane: C...	11.232	29.0	ug/L	1621710	2	11.634	1397350	25.0
unknown-02	11.286	1.6	ug/L	87976	2	11.634	1397350	25.0
Piperidine	11.335	16.3	ug/L	912041	2	11.634	1397350	25.0
(DEL) Alkane: S...	11.378	3.9	ug/L	219846	2	11.634	1397350	25.0
(DEL) Alkane: C...	11.439	11.8	ug/L	661038	2	11.634	1397350	25.0
(DEL) Alkane: S...	11.506	4.0	ug/L	222993	2	11.634	1397350	25.0
(DEL) Alkane: C...	11.561	2.9	ug/L	159207	2	11.634	1397350	25.0
(DEL) Alkane: C...	11.914	15.5	ug/L	865505	2	11.634	1397350	25.0
(DEL) Alkane: S...	11.975	10.1	ug/L	563054	2	11.634	1397350	25.0
(DEL) Alkane: S...	12.061	8.8	ug/L	491788	2	11.634	1397350	25.0
(DEL) Alkane: S...	12.250	50.7	ug/L	2833140	2	11.634	1397350	25.0
(DEL) Alkane: S...	12.365	118.8	ug/L	6641030	2	11.634	1397350	25.0
1-(1-Propynyl)c...	12.560	2.3	ug/L	129037	2	11.634	1397350	25.0
Methoxyacetic a...	12.621	29.0	ug/L	694092	3	13.560	597555	25.0
(DEL) Alkane: C...	12.780	102.2	ug/L	2441690	3	13.560	597555	25.0
(DEL) Alkane: C...	12.853	61.2	ug/L	1462070	3	13.560	597555	25.0
(DEL) Alkane: C...	13.042	8.5	ug/L	202192	3	13.560	597555	25.0
(DEL) Alkane: C...	13.079	46.4	ug/L	1108750	3	13.560	597555	25.0
(DEL) Alkane: S...	13.164	56.9	ug/L	1359260	3	13.560	597555	25.0
(DEL) Alkane: S...	13.347	53.9	ug/L	1287170	3	13.560	597555	25.0
D-Limonene	13.469	1884.2	ug/L	45037100	3	13.560	597555	25.0
(DEL) Alkane: C...	13.701	71.5	ug/L	1708830	3	13.560	597555	25.0
Sulfurous acid,...	13.920	57.5	ug/L	1373330	3	13.560	597555	25.0
(DEL) Alkane: C...	13.975	37.0	ug/L	883167	3	13.560	597555	25.0
(DEL) Alkane: S...	14.018	37.6	ug/L	899844	3	13.560	597555	25.0
(DEL) Alkane: S...	14.133	76.6	ug/L	1830470	3	13.560	597555	25.0
(DEL) Alkane: S...	14.194	75.3	ug/L	1800680	3	13.560	597555	25.0
unknown-03	14.261	69.8	ug/L	1669280	3	13.560	597555	25.0
(DEL) Alkane: C...	14.316	25.9	ug/L	619512	3	13.560	597555	25.0
(DEL) Alkane: C...	14.383	226.1	ug/L	5404190	3	13.560	597555	25.0
Naphthalene, de...	14.548	99.5	ug/L	2378470	3	13.560	597555	25.0
Oxalic acid, bi...	14.658	17.9	ug/L	427679	3	13.560	597555	25.0
(DEL) Alkane: C...	14.737	57.9	ug/L	1383020	3	13.560	597555	25.0
1,3-Cyclopentad...	14.792	153.2	ug/L	3661170	3	13.560	597555	25.0
(DEL) Alkane: S...	14.841	206.1	ug/L	4927170	3	13.560	597555	25.0
unknown-04	15.060	54.3	ug/L	1297330	3	13.560	597555	25.0
unknown-05	15.182	96.8	ug/L	2312640	3	13.560	597555	25.0
(DEL) Alkane: C...	15.243	34.1	ug/L	814731	3	13.560	597555	25.0
(DEL) Alkane: S...	15.322	241.8	ug/L	5779880	3	13.560	597555	25.0

(DEL) Alkane: C...	15.572	57.5	ug/L	1374550	3	13.560	597555	25.0
unknown-06	15.627	34.8	ug/L	831315	3	13.560	597555	25.0
(DEL) Alkane: S...	15.725	111.4	ug/L	2663680	3	13.560	597555	25.0
(DEL) Alkane: S...	15.865	23.2	ug/L	553772	3	13.560	597555	25.0
(DEL) Alkane: C...	16.212	47.3	ug/L	1131190	3	13.560	597555	25.0
(DEL) Alkane: S...	16.279	135.7	ug/L	3243260	3	13.560	597555	25.0
Benzocyclohepta...	16.438	45.2	ug/L	1079760	3	13.560	597555	25.0
(DEL) Alkane: S...	16.535	21.3	ug/L	510131	3	13.560	597555	25.0

Instrument :
 MSVOA_W
ClientSampleId :
 BG595RE