

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
 Data File : VW018850.D
 Acq On : 29 Apr 2021 17:06
 Operator : SY/VA
 Sample : M2177-22
 Misc : 5.18G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG592

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: VW018850.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.154	37	41	46	rBV	10560	23169	0.08%	0.014%
2	2.349	67	73	88	rVB	165971	343637	1.19%	0.212%
3	2.892	152	162	175	rBV	125266	319275	1.10%	0.197%
4	3.385	235	243	251	rVB3	5202	11416	0.04%	0.007%
5	4.013	334	346	364	rBV	265042	820652	2.83%	0.506%
6	4.172	364	372	390	rVB2	14577	65459	0.23%	0.040%
7	4.379	396	406	418	rVB	26392	81783	0.28%	0.050%
8	4.544	420	433	434	rBV6	3253	9336	0.03%	0.006%
9	4.922	484	495	513	rBV2	35665	136211	0.47%	0.084%
10	5.940	652	662	672	rVV5	9337	30030	0.10%	0.019%
11	7.092	842	851	858	rBV	48196	149073	0.51%	0.092%
12	7.159	858	862	879	rVB3	35316	110246	0.38%	0.068%
13	7.647	932	942	957	rVB	369656	914430	3.16%	0.564%
14	7.952	985	992	999	rBV6	7683	19689	0.07%	0.012%
15	8.031	999	1005	1016	rVB4	2699	7699	0.03%	0.005%
16	8.275	1029	1045	1062	rBV2	758140	2277053	7.87%	1.404%
17	8.427	1063	1070	1072	rBV8	2097	3751	0.01%	0.002%
18	8.494	1079	1081	1087	rVB6	1789	3419	0.01%	0.002%
19	8.573	1087	1094	1103	rVB6	8070	20146	0.07%	0.012%
20	8.689	1106	1113	1114	rBV6	2591	3907	0.01%	0.002%
21	8.842	1129	1138	1151	rBV	834461	1632912	5.64%	1.007%
22	9.079	1169	1177	1181	rBV8	4472	10251	0.04%	0.006%
23	9.275	1198	1209	1217	rBV	498603	1037210	3.58%	0.640%
24	9.610	1254	1264	1270	rBV3	21159	48794	0.17%	0.030%
25	9.750	1280	1287	1297	rBV2	33536	68166	0.24%	0.042%
26	9.848	1297	1303	1307	rBV3	7514	15723	0.05%	0.010%
27	9.896	1307	1311	1315	rVB3	6327	9939	0.03%	0.006%
28	9.939	1315	1318	1325	rVB2	7474	13231	0.05%	0.008%
29	10.037	1325	1334	1340	rBV	162815	308948	1.07%	0.191%
30	10.213	1356	1363	1366	rBV3	25301	49772	0.17%	0.031%
31	10.323	1374	1381	1388	rBV	1044635	1860016	6.42%	1.147%
32	10.384	1388	1391	1399	rVB	21425	35903	0.12%	0.022%
33	10.506	1404	1411	1417	rVB6	36369	80518	0.28%	0.050%
34	10.579	1417	1423	1427	rBV	112109	202075	0.70%	0.125%
35	10.622	1427	1430	1434	rVB	63690	88278	0.30%	0.054%
36	10.665	1434	1437	1440	rBV3	6522	7903	0.03%	0.005%

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

37	10.701	1440	1443	1448	rVB	25130	36453	0.13%	0.022%
38	10.762	1448	1453	1456	rBV4	32317	61897	0.21%	0.038%
39	10.805	1456	1460	1464	rVB3	32722	47211	0.16%	0.029%
40	10.847	1464	1467	1472	rVB	40380	62909	0.22%	0.039%

41	10.933	1472	1481	1488	rBV2	411559	773680	2.67%	0.477%
42	11.036	1490	1498	1506	rBV3	115408	316826	1.09%	0.195%
43	11.110	1506	1510	1517	rBV	112460	203884	0.70%	0.126%
44	11.177	1517	1521	1524	rBV	62522	82777	0.29%	0.051%
45	11.232	1524	1530	1535	rVV	445544	754075	2.60%	0.465%

46	11.286	1535	1539	1542	rVV	123593	179918	0.62%	0.111%
47	11.335	1542	1547	1552	rVV2	239881	415584	1.44%	0.256%
48	11.378	1552	1554	1559	rVB	66702	92957	0.32%	0.057%
49	11.439	1559	1564	1571	rVB2	121651	246659	0.85%	0.152%
50	11.506	1571	1575	1578	rBV	43085	65541	0.23%	0.040%

51	11.549	1578	1582	1587	rVB5	34867	54237	0.19%	0.033%
52	11.634	1587	1596	1604	rBV	874823	1727295	5.97%	1.065%
53	11.768	1613	1618	1621	rBV	209104	315589	1.09%	0.195%
54	11.823	1621	1627	1630	rBV2	222469	391838	1.35%	0.242%
55	11.878	1630	1636	1646	rVB4	584318	1571701	5.43%	0.969%

56	11.975	1646	1652	1659	rBV4	311612	888125	3.07%	0.548%
57	12.061	1659	1666	1671	rVB4	275990	673514	2.33%	0.415%
58	12.134	1671	1678	1684	rBV2	1101166	2738199	9.46%	1.689%
59	12.189	1684	1687	1690	rBV2	231083	264182	0.91%	0.163%
60	12.250	1690	1697	1702	rVB	2296718	3988578	13.78%	2.460%

61	12.359	1702	1715	1722	rBV4	2661196	8468644	29.25%	5.223%
62	12.451	1722	1730	1734	rBV5	653129	1477047	5.10%	0.911%
63	12.500	1734	1738	1746	rVB3	1324334	2624156	9.06%	1.618%
64	12.561	1746	1748	1752	rVB	242373	287370	0.99%	0.177%
65	12.622	1752	1758	1762	rVB3	723289	1333424	4.61%	0.822%

66	12.701	1762	1771	1775	rBV6	1277544	3252623	11.23%	2.006%
67	12.743	1775	1778	1779	rBV	274122	281577	0.97%	0.174%
68	12.780	1779	1784	1790	rVB2	2713924	5063721	17.49%	3.123%
69	12.859	1790	1797	1801	rBV4	1519197	3420400	11.81%	2.109%
70	12.939	1802	1810	1816	rBV5	2317444	6543858	22.60%	4.036%

71	13.042	1824	1827	1829	rBV3	388496	570338	1.97%	0.352%
72	13.079	1829	1833	1837	rVV3	1448818	2306445	7.97%	1.422%
73	13.121	1837	1840	1845	rVV2	1003700	2028193	7.01%	1.251%
74	13.182	1845	1850	1859	rVB8	1068821	3323539	11.48%	2.050%
75	13.292	1864	1868	1872	rVV	1833959	3298978	11.39%	2.035%

76	13.341	1873	1876	1880	rVV2	1613145	2754498	9.51%	1.699%
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 Title : SFAM01.0

77	13.377	1880	1882	1885	rVV2	954829	1217749	4.21%	0.751%
78	13.469	1886	1897	1905	rVB2	14148620	28951350	100.00%	17.855%
79	13.694	1929	1934	1939	rBV4	1473712	2493259	8.61%	1.538%
80	13.877	1958	1964	1968	rBV2	4258994	7688824	26.56%	4.742%
81	13.920	1968	1971	1976	rVB3	1379260	1967507	6.80%	1.213%
82	13.981	1976	1981	1984	rBV2	1594791	2793686	9.65%	1.723%
83	14.194	2012	2016	2020	rBV4	742874	1247527	4.31%	0.769%
84	14.261	2023	2027	2033	rVB4	1285587	2187349	7.56%	1.349%
85	14.316	2033	2036	2040	rVB3	560607	725872	2.51%	0.448%
86	14.383	2040	2047	2052	rBV2	4080944	7399244	25.56%	4.563%
87	14.548	2068	2074	2079	rBV3	2360046	3995629	13.80%	2.464%
88	14.597	2079	2082	2087	rVB5	625168	936638	3.24%	0.578%
89	14.658	2089	2092	2096	rVB	579519	722761	2.50%	0.446%
90	14.737	2101	2105	2110	rBV4	703371	1371739	4.74%	0.846%
91	14.798	2111	2115	2118	rVV2	1391645	2516458	8.69%	1.552%
92	14.841	2118	2122	2129	rVB4	2145669	4396482	15.19%	2.711%
93	15.121	2165	2168	2171	rVB3	380439	445978	1.54%	0.275%
94	15.322	2196	2201	2208	rBV	3691173	6218305	21.48%	3.835%
95	15.395	2209	2213	2218	rVB4	603816	1174728	4.06%	0.724%
96	15.572	2237	2242	2247	rBV5	685850	1497583	5.17%	0.924%
97	15.627	2248	2251	2253	rBV4	457303	638099	2.20%	0.394%
98	15.725	2264	2267	2276	rVB3	1277381	2467596	8.52%	1.522%
99	16.212	2344	2347	2353	rVB3	688193	1123957	3.88%	0.693%
100	16.279	2353	2358	2367	rVB	2099490	4157225	14.36%	2.564%

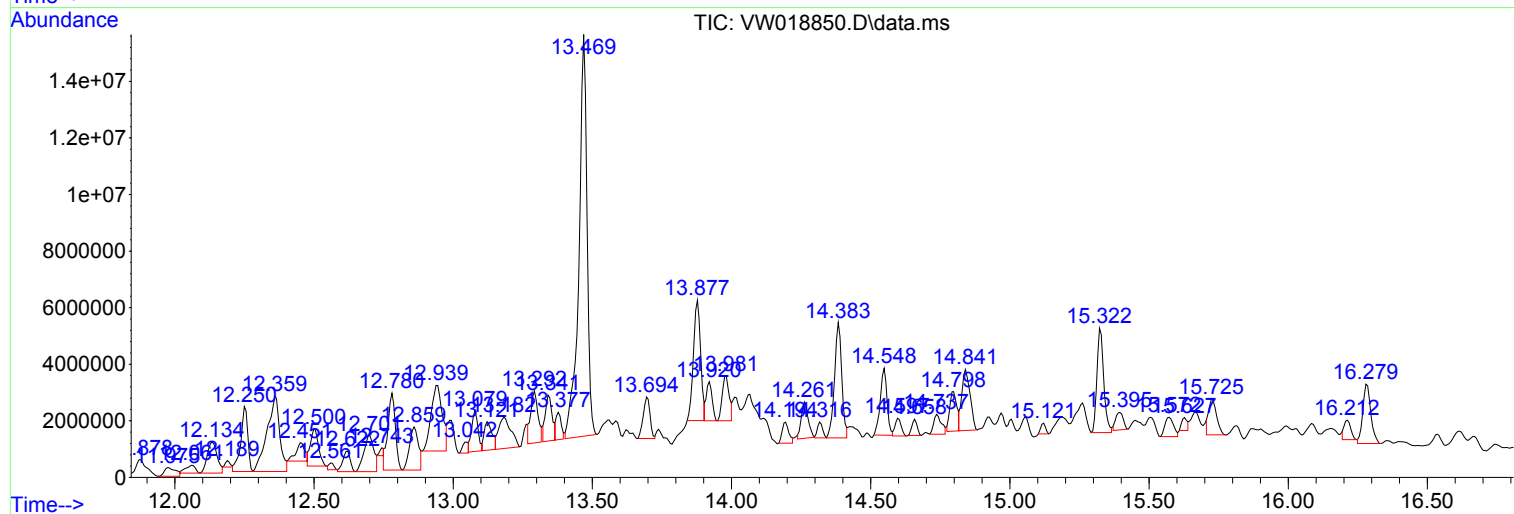
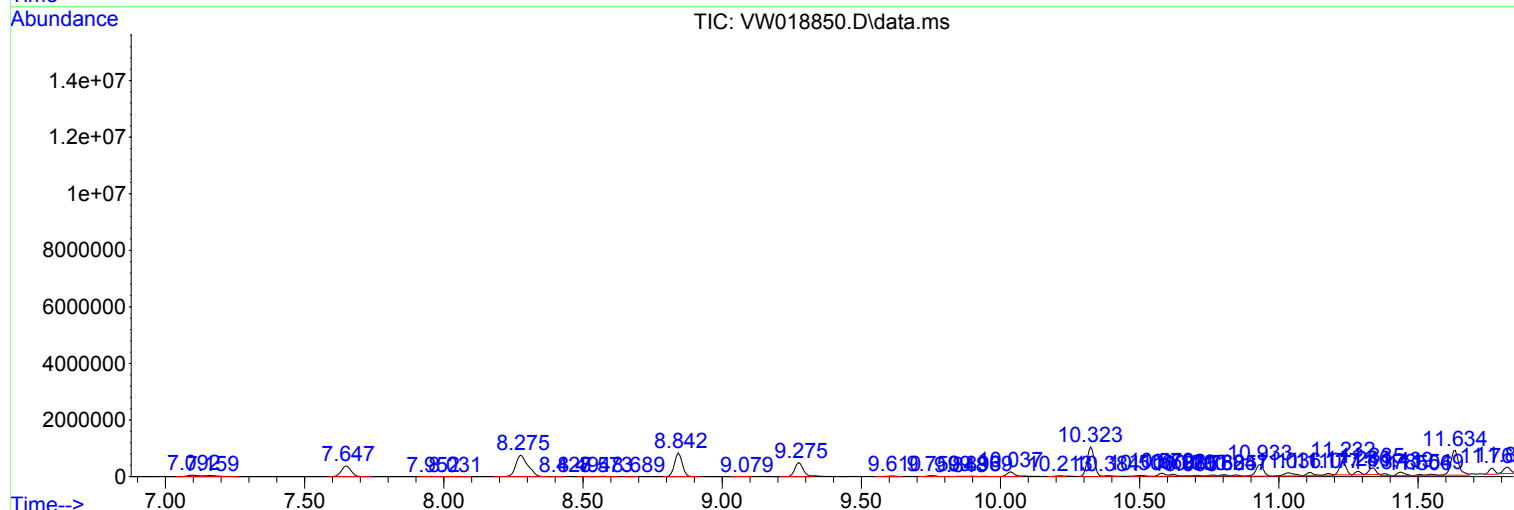
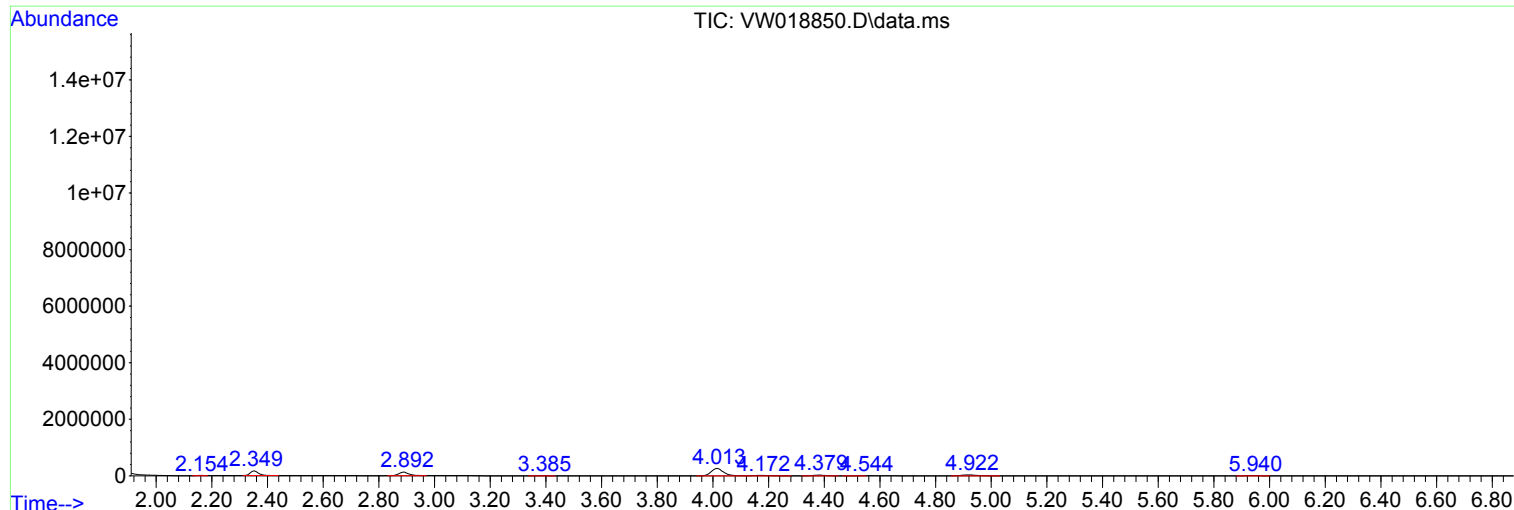
Sum of corrected areas: 162144005

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Instrument :
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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



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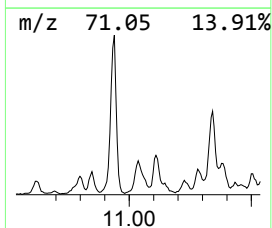
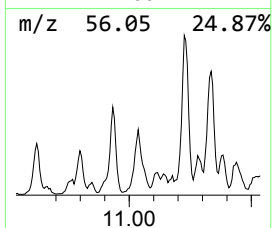
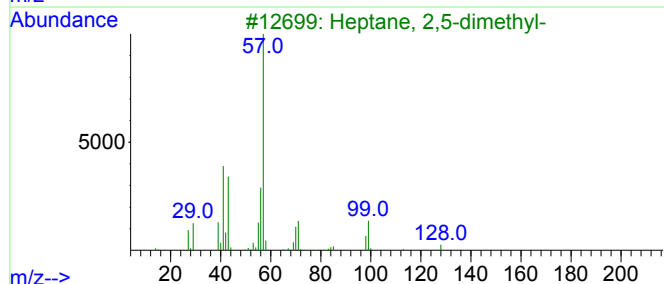
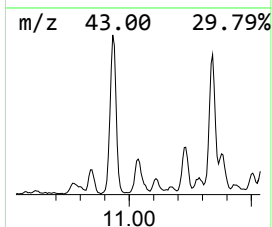
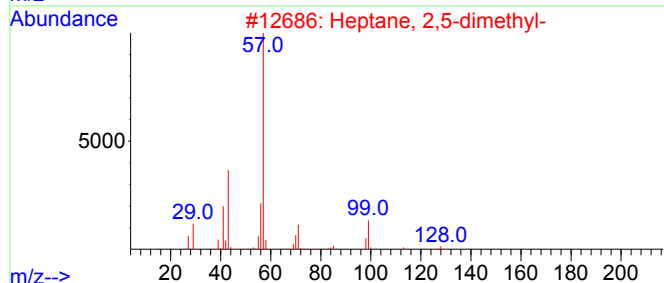
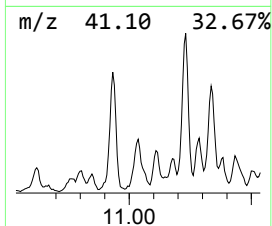
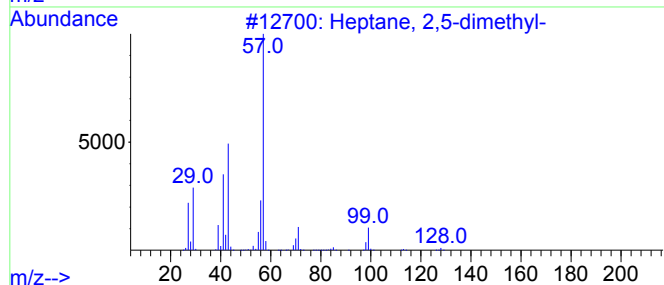
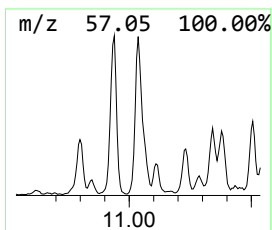
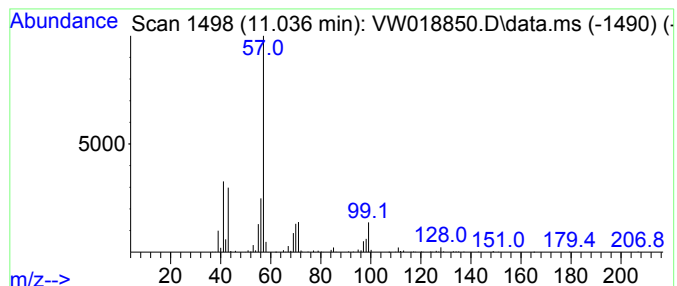
Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.036	4.59 ug/L	316826	Chlorobenzene-d5			11.634
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-		128	C9H20	002216-30-0	87
2	Heptane, 2,5-dimethyl-		128	C9H20	002216-30-0	87
3	Heptane, 2,5-dimethyl-		128	C9H20	002216-30-0	87
4	Heptane, 3,5-dimethyl-		128	C9H20	000926-82-9	68
5	Heptane, 3,5-dimethyl-		128	C9H20	000926-82-9	68



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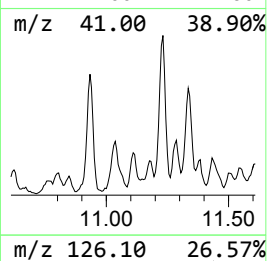
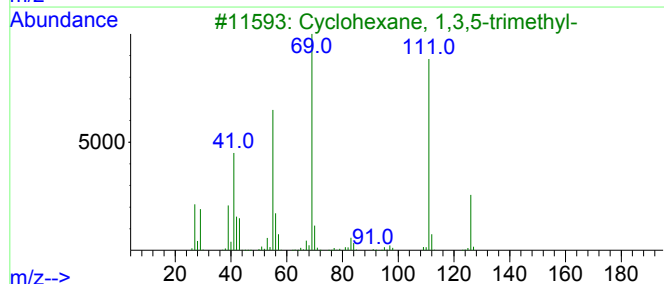
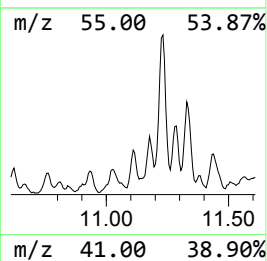
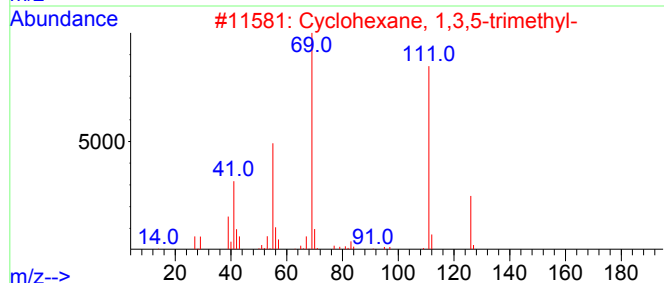
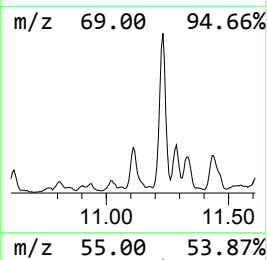
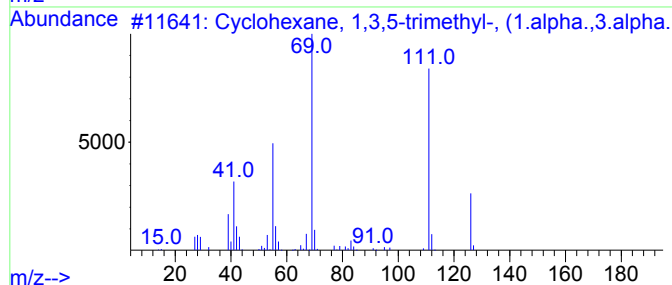
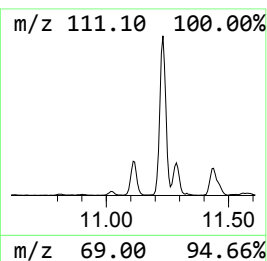
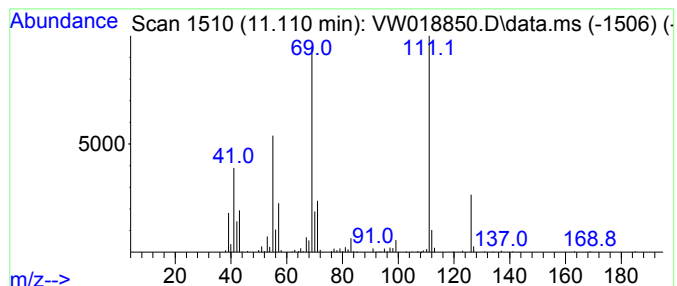
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic11.110 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.110	2.95 ug/L	203884	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	94
2			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	90
3			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	87
4			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	87
5			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	83



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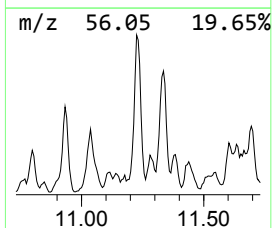
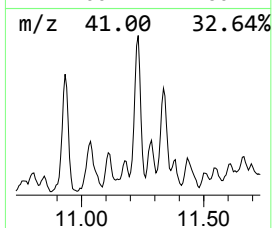
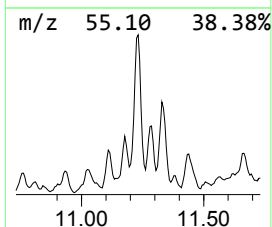
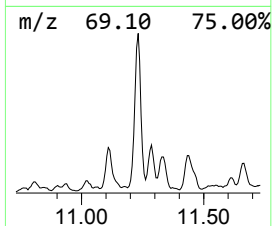
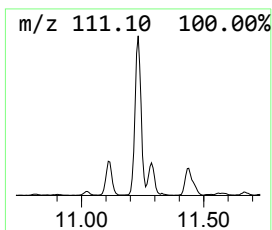
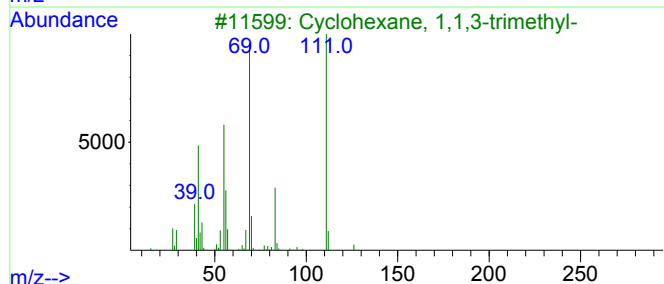
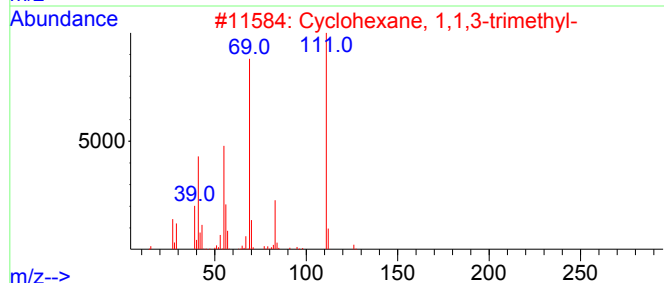
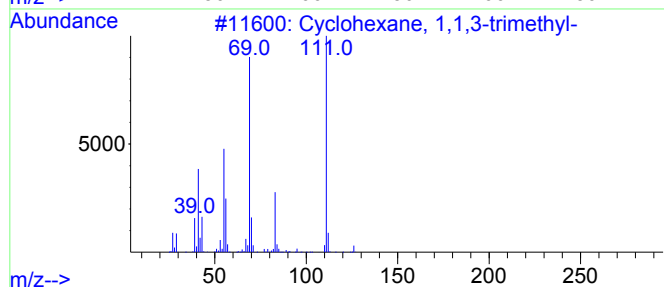
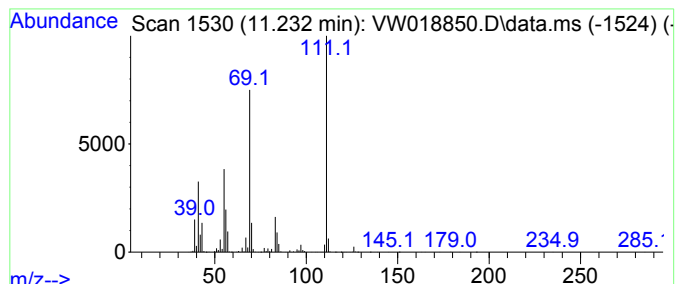
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Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Cyclic11.232 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.232	10.91 ug/L	754075	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	76
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	76
4			Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	72
5			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018850.D
Acq On : 29 Apr 2021 17:06
Operator : SY/VA
Sample : M2177-22
Misc : 5.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

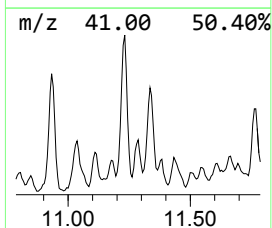
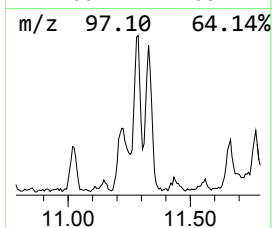
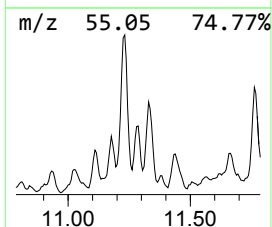
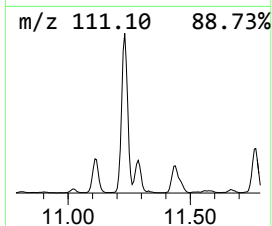
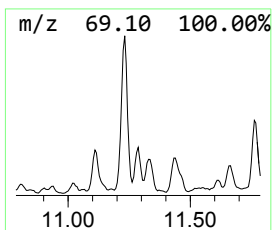
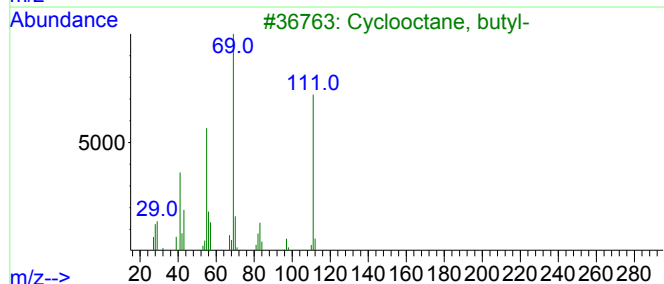
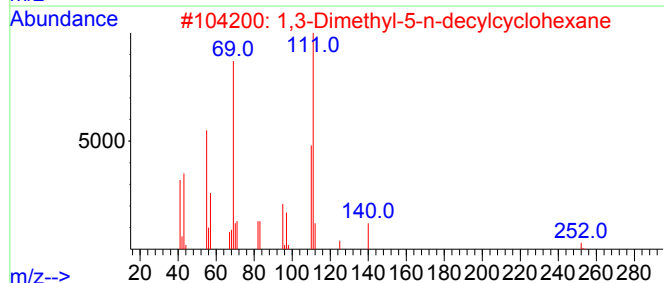
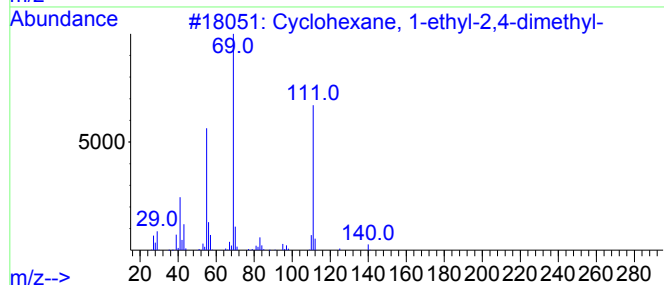
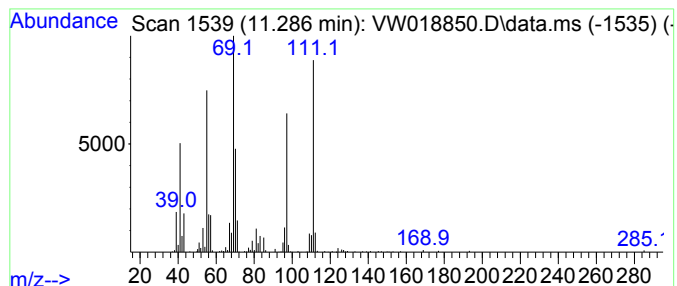
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ClientSampleId :
BG592

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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Cyclic11.289 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.286	2.60 ug/L	179918	Chlorobenzene-d5	11.634	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	53
2	1,3-Dimethyl-5-n-decylcyclohexane	252	C18H36	086710-36-3	53
3	Cyclooctane, butyl-	168	C12H24	016538-93-5	53
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	53
5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018850.D
Acq On : 29 Apr 2021 17:06
Operator : SY/VA
Sample : M2177-22
Misc : 5.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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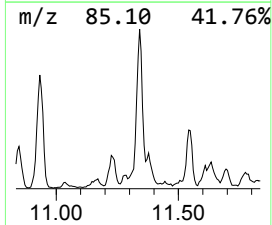
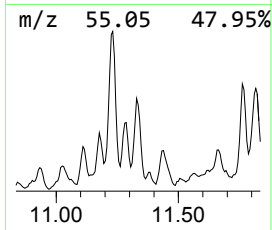
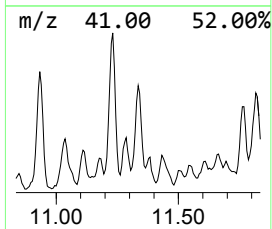
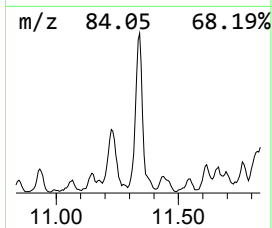
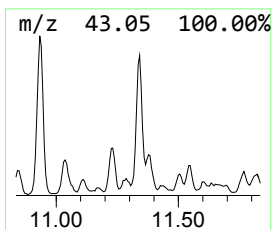
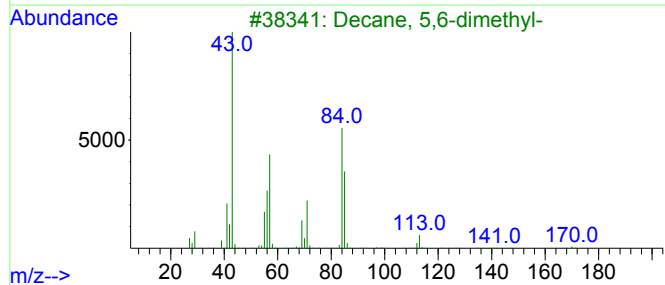
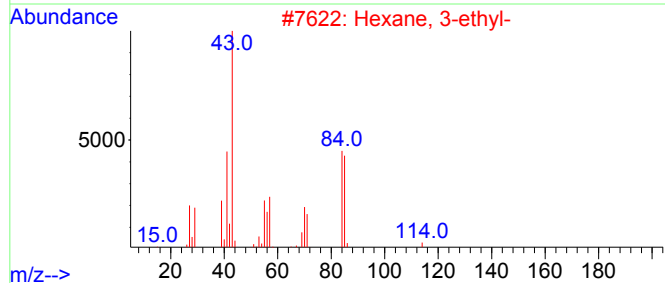
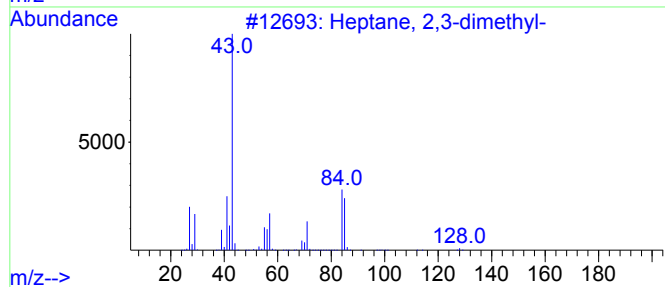
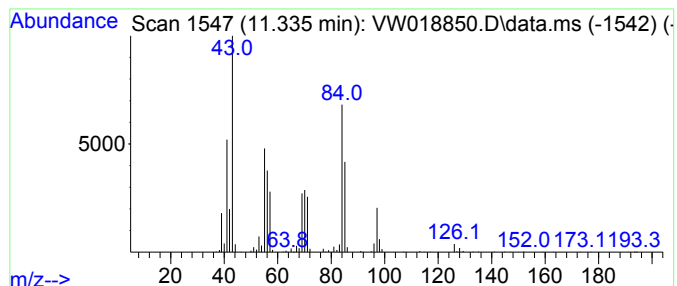
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.335	6.01 ug/L	415584	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	53
2		Hexane, 3-ethyl-	114	C8H18	000619-99-8	53
3		Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	53
4		Piperidine	85	C5H11N	000110-89-4	52
5		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018850.D
Acq On : 29 Apr 2021 17:06
Operator : SY/VA
Sample : M2177-22
Misc : 5.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

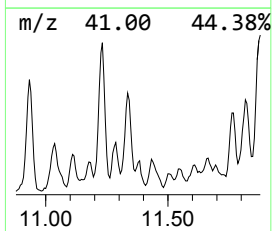
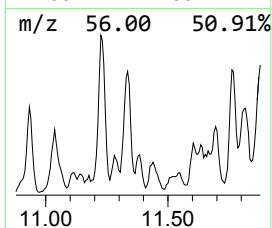
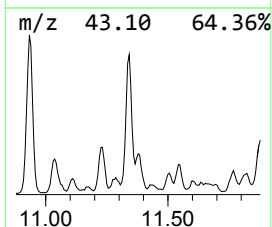
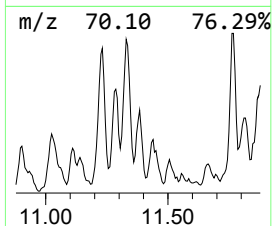
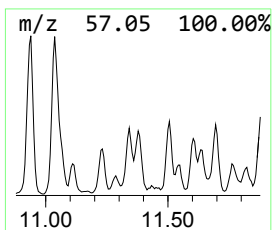
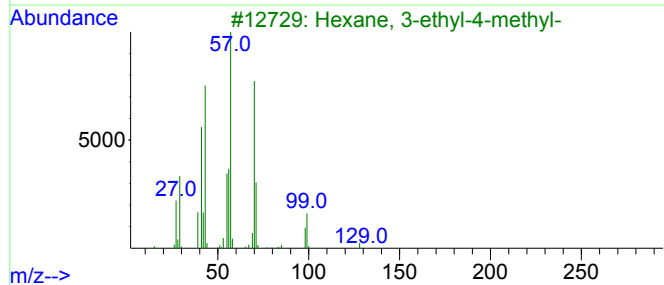
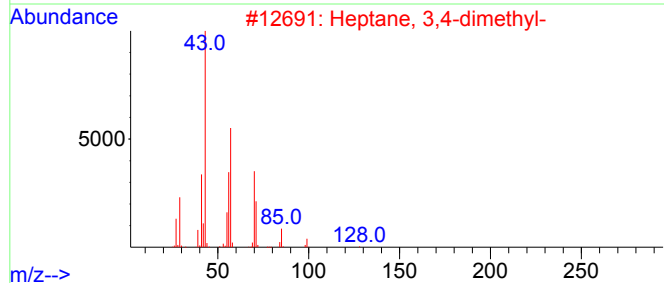
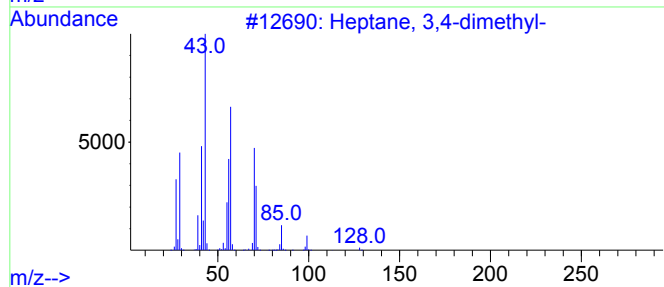
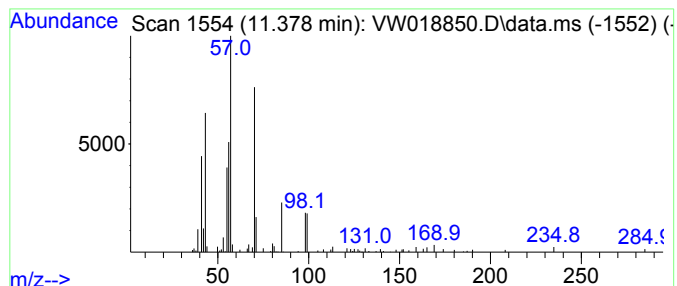
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.378	1.35 ug/L	92957	Chlorobenzene-d5		11.634	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptane, 3,4-dimethyl-		128	C9H20	000922-28-1	72
2	Heptane, 3,4-dimethyl-		128	C9H20	000922-28-1	59
3	Hexane, 3-ethyl-4-methyl-		128	C9H20	003074-77-9	59
4	Hexamethylenimine		99	C6H13N	000111-49-9	58
5	Heptane, 3,4-dimethyl-		128	C9H20	000922-28-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018850.D
Acq On : 29 Apr 2021 17:06
Operator : SY/VA
Sample : M2177-22
Misc : 5.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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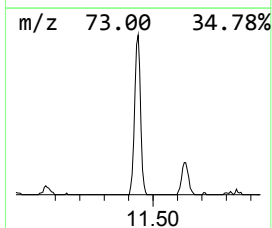
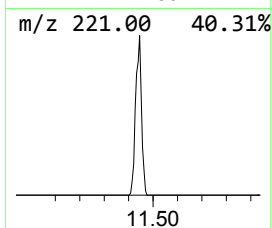
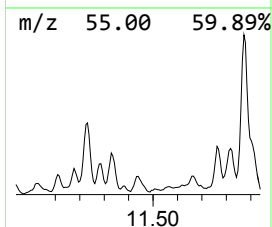
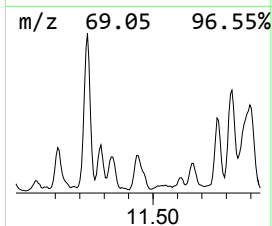
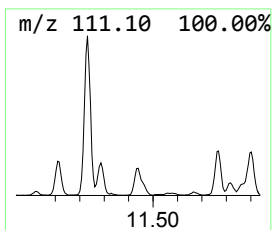
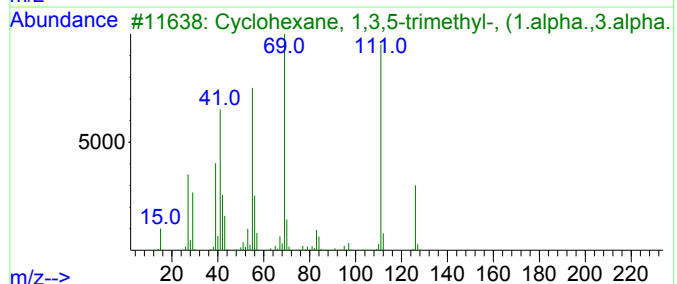
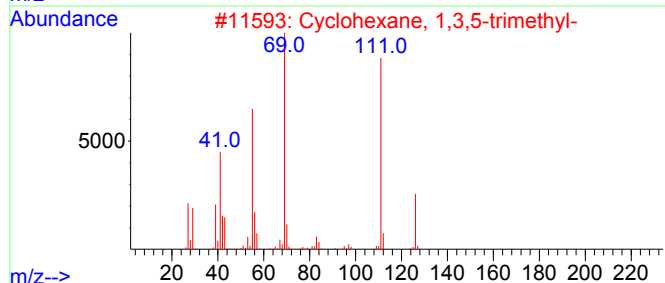
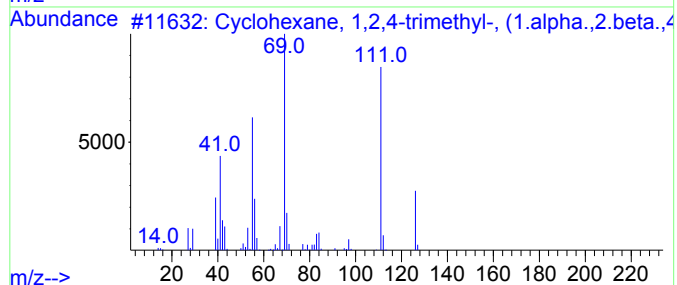
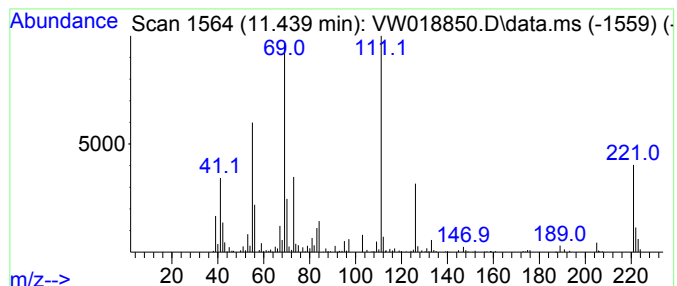
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Cyclic11.439 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.439	3.57 ug/L	246659	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	92
2			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	70
3			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	70
4			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	60
5			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018850.D
Acq On : 29 Apr 2021 17:06
Operator : SY/VA
Sample : M2177-22
Misc : 5.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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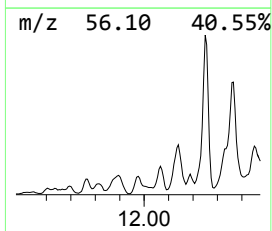
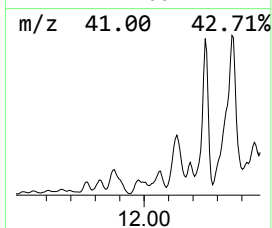
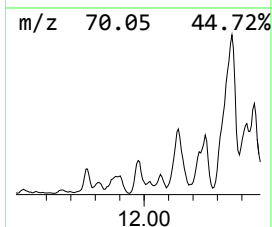
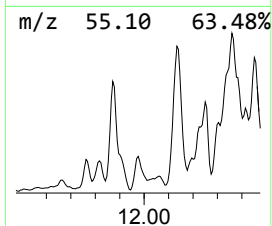
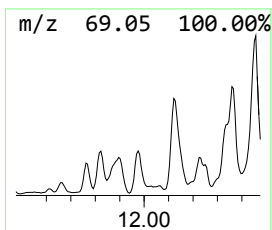
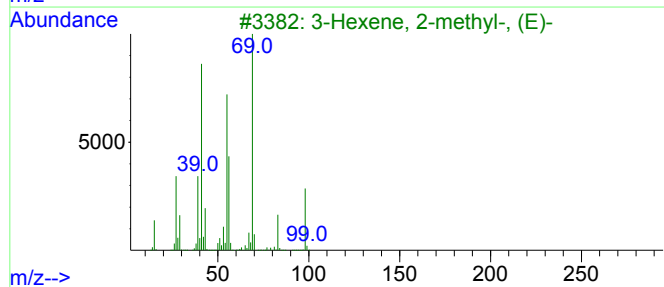
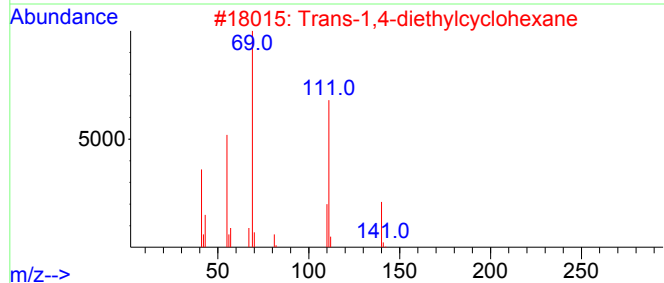
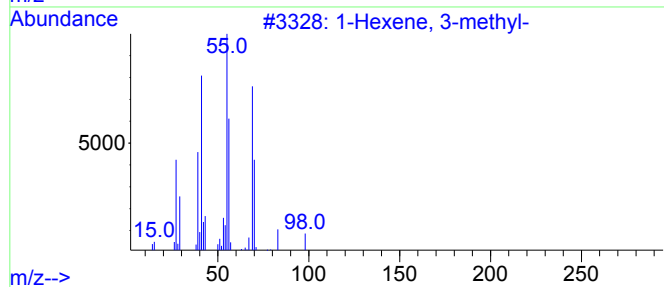
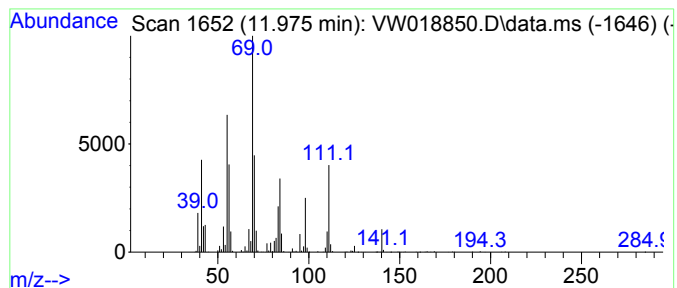
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	12.85 ug/L	888125	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		3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	49
4		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	46
5		3-Hexene, 2-methyl-, (Z)-	98	C7H14	015840-60-5	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018850.D
Acq On : 29 Apr 2021 17:06
Operator : SY/VA
Sample : M2177-22
Misc : 5.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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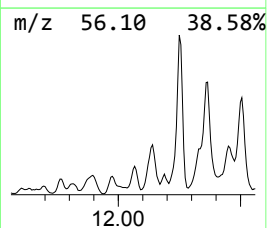
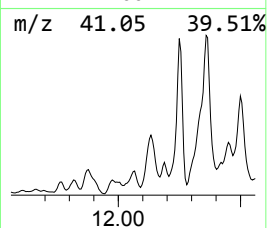
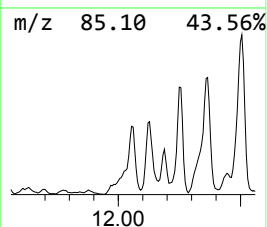
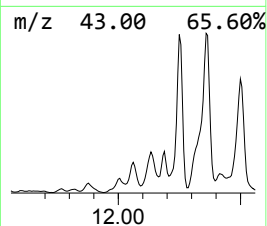
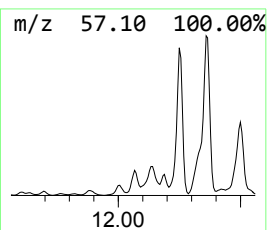
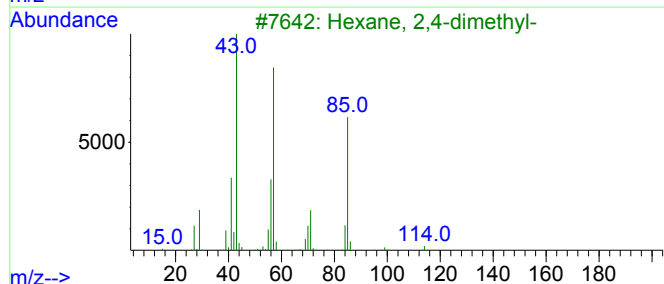
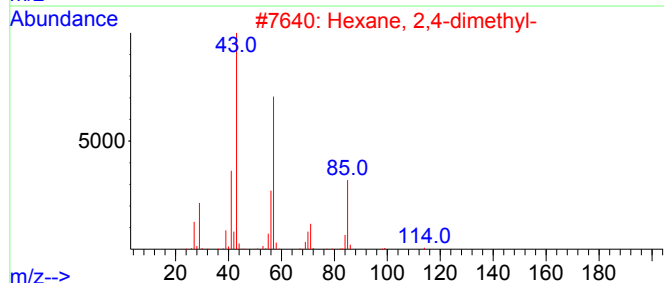
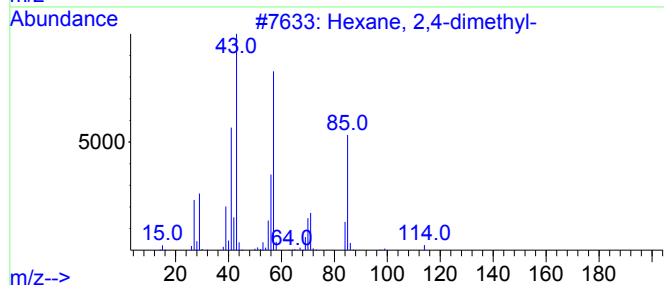
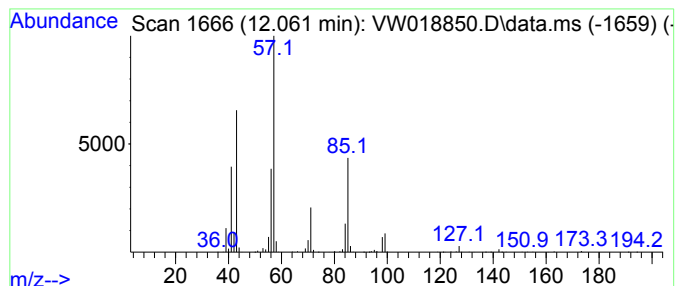
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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.061	9.75 ug/L	673514	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	80
2			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
3			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
4			4,4-Dimethyl octane	142	C10H22	015869-95-1	50
5			Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018850.D
Acq On : 29 Apr 2021 17:06
Operator : SY/VA
Sample : M2177-22
Misc : 5.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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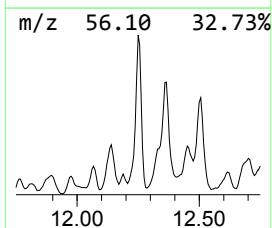
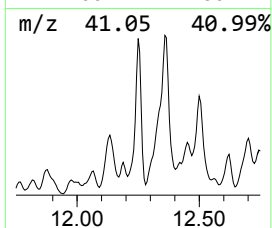
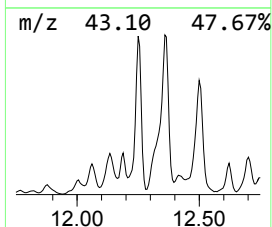
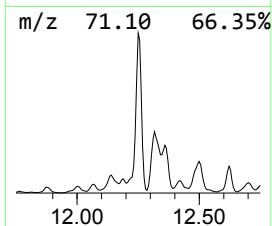
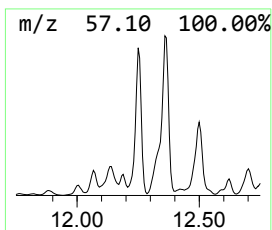
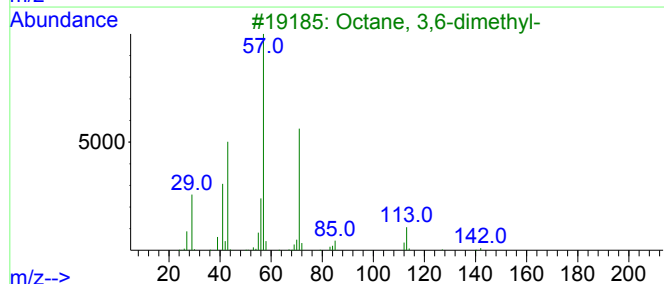
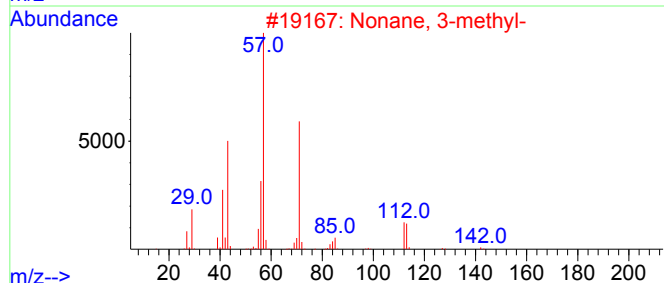
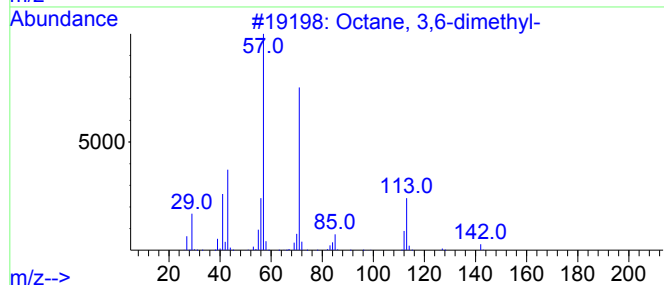
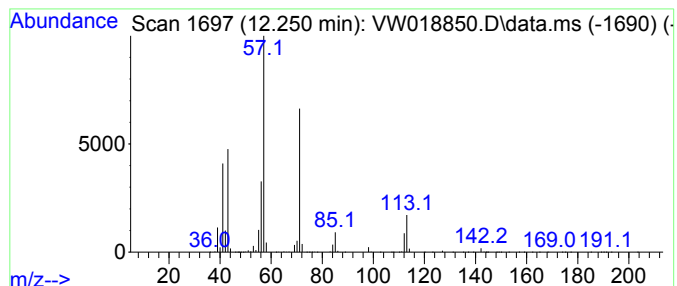
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.250	57.73 ug/L	3988580	Chlorobenzene-d5	11.634

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018850.D
Acq On : 29 Apr 2021 17:06
Operator : SY/VA
Sample : M2177-22
Misc : 5.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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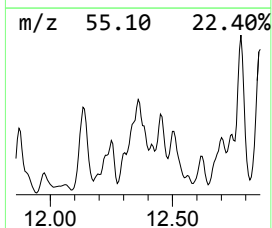
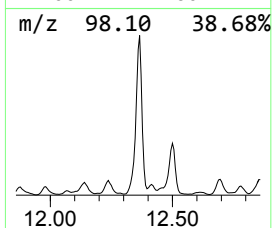
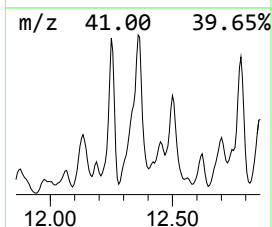
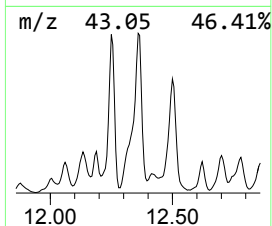
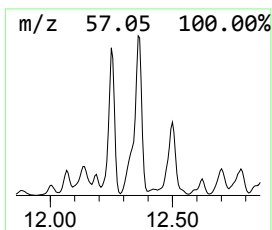
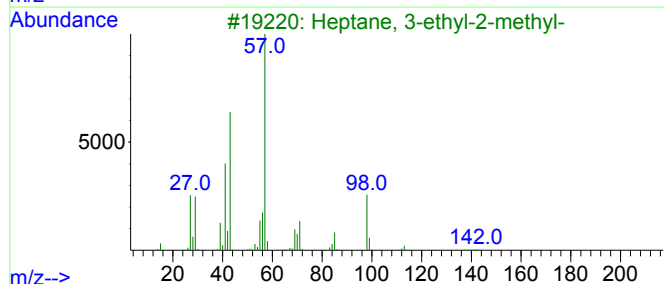
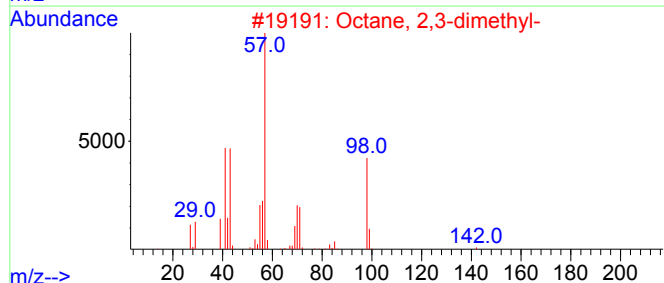
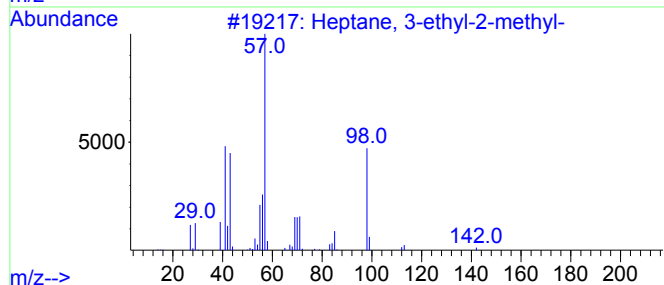
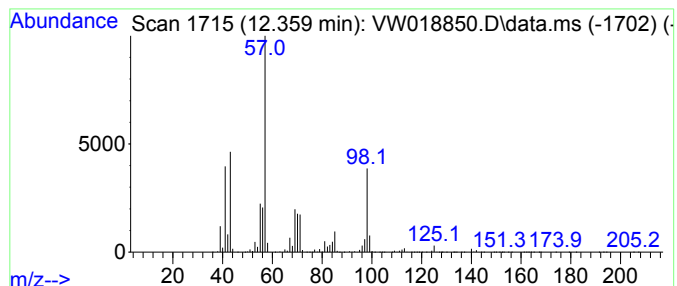
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.359	122.57 ug/L	8468640	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	80
2			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	74
3			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
4			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	59
5			Undecane, 6-methyl-	170	C12H26	017302-33-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018850.D
Acq On : 29 Apr 2021 17:06
Operator : SY/VA
Sample : M2177-22
Misc : 5.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG592

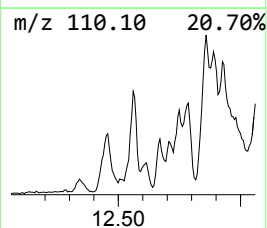
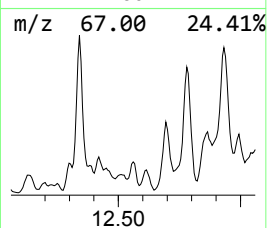
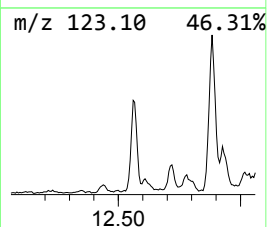
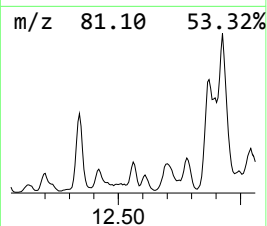
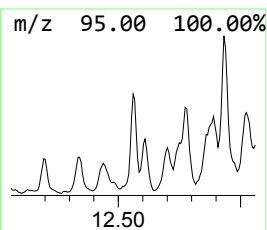
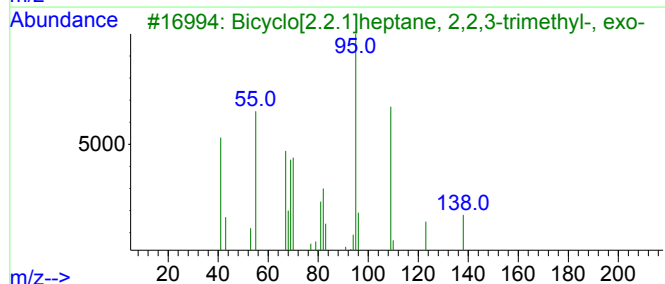
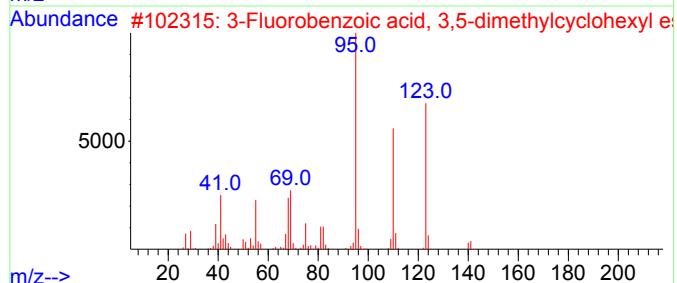
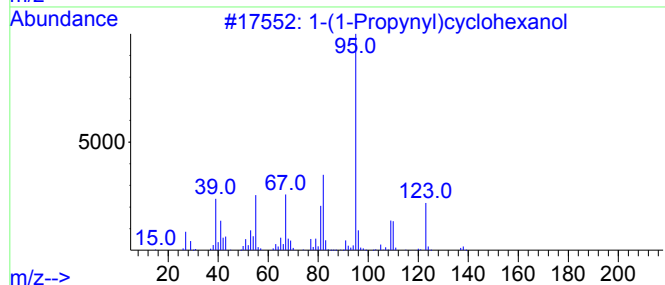
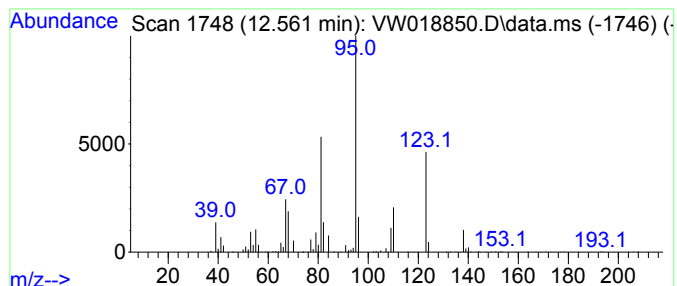
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Quant Title : SFAM01.0

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

Peak Number 13 1-(1-Propynyl)cyclohexanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.561	4.16 ug/L	287370	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-(1-Propynyl)cyclohexanol	138	C9H14O	000697-37-0	80
2			3-Fluorobenzoic acid, 3,5-dimeth...	250	C15H19F02	1000279-01-8	53
3			Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	50
4			Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	50
5			Cyclopentene, 1,4-dimethyl-5-(1-...	138	C10H18	061142-33-4	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018850.D
Acq On : 29 Apr 2021 17:06
Operator : SY/VA
Sample : M2177-22
Misc : 5.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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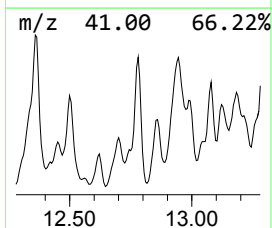
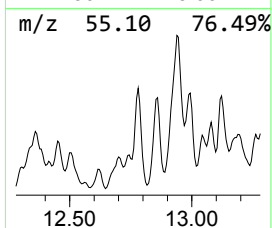
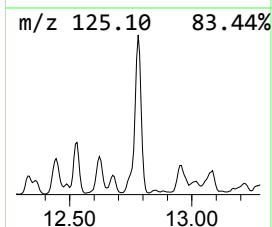
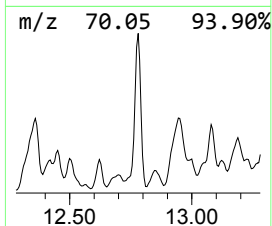
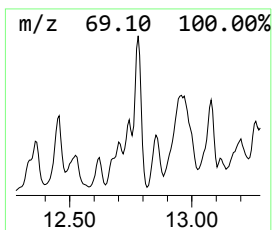
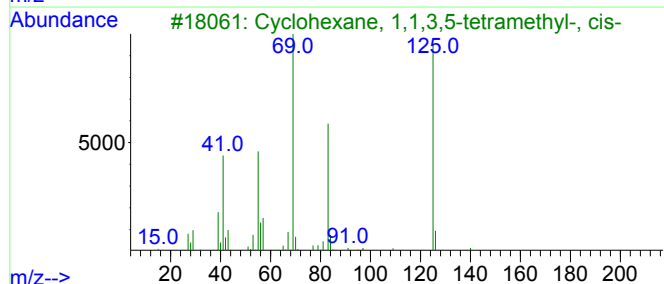
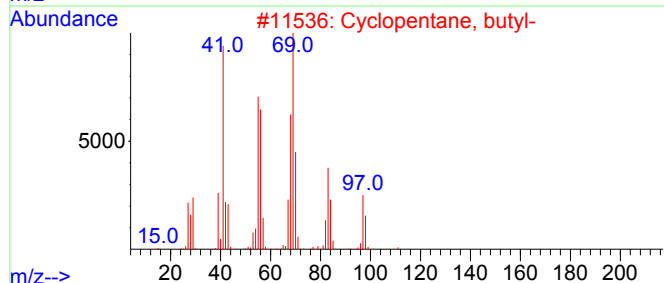
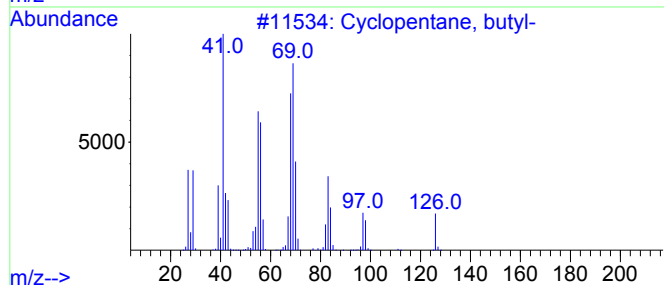
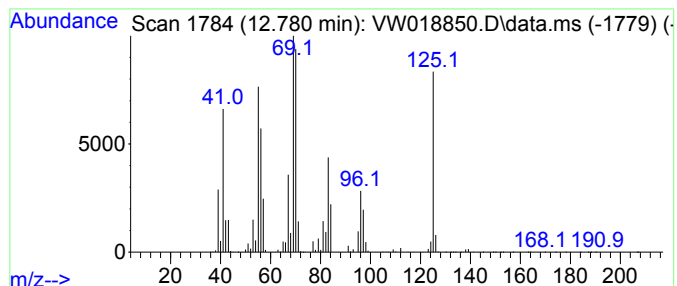
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Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Cyclic12.780 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.780	4.37 ug/L	5063720	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, butyl-	126	C9H18	002040-95-1	49
2			Cyclopentane, butyl-	126	C9H18	002040-95-1	47
3			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	43
4			Ketone, vinyl-pyrrolidinyl-	125	C7H11NO	042104-70-1	43
5			Cyclopentane, propyl-	112	C8H16	002040-96-2	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018850.D
Acq On : 29 Apr 2021 17:06
Operator : SY/VA
Sample : M2177-22
Misc : 5.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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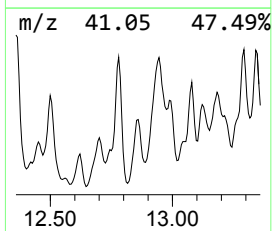
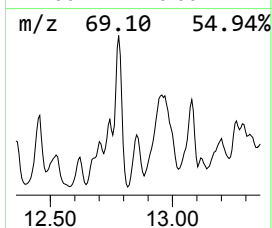
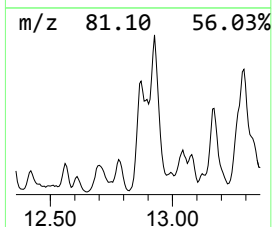
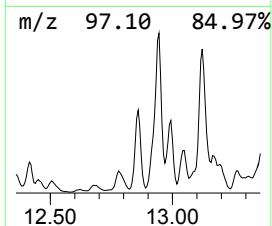
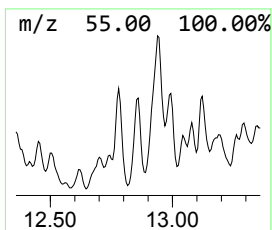
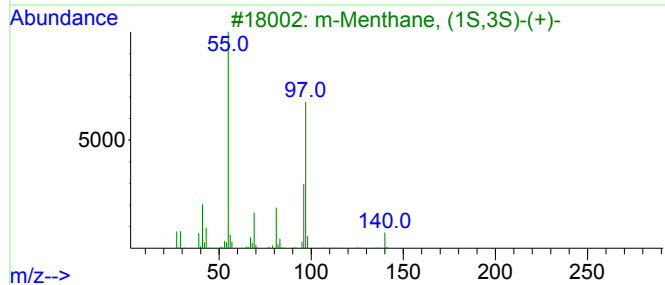
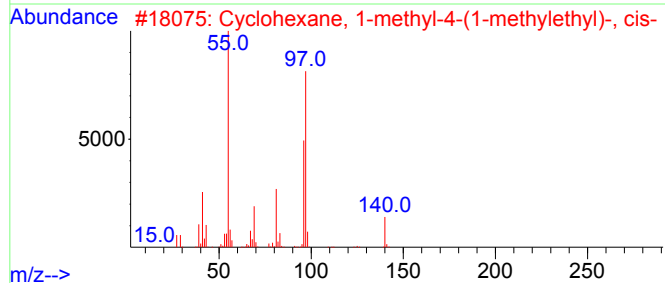
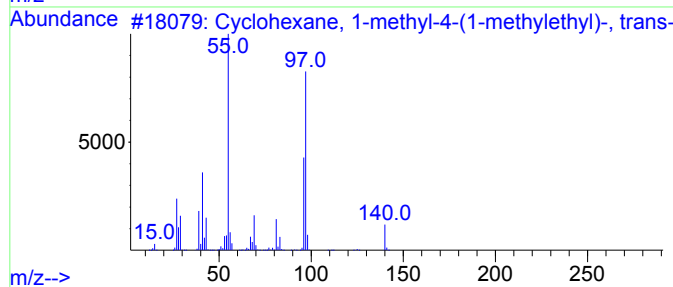
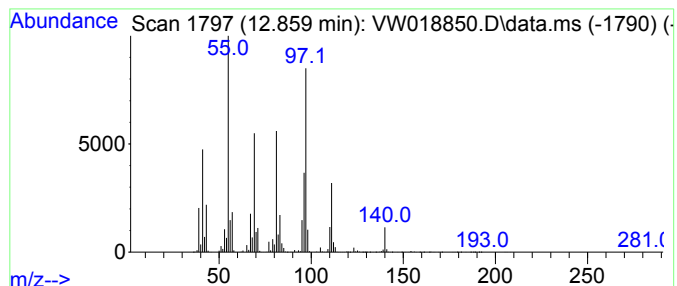
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Quant Title : SFAM01.0

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

Peak Number 15 Cyclohexane, 1-methyl-4-(1-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.859	2.95 ug/L	3420400	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	68
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	64
3			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	59
4			Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	58
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018850.D
Acq On : 29 Apr 2021 17:06
Operator : SY/VA
Sample : M2177-22
Misc : 5.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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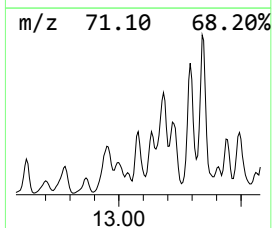
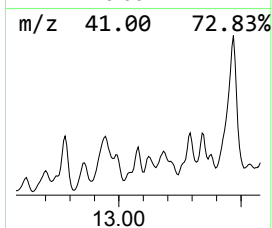
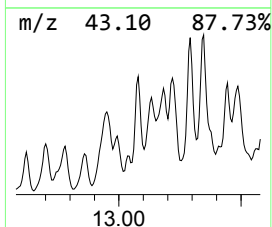
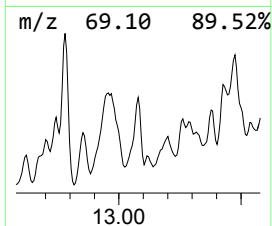
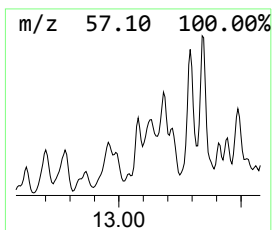
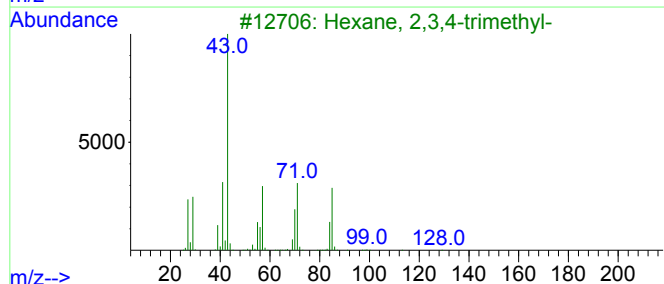
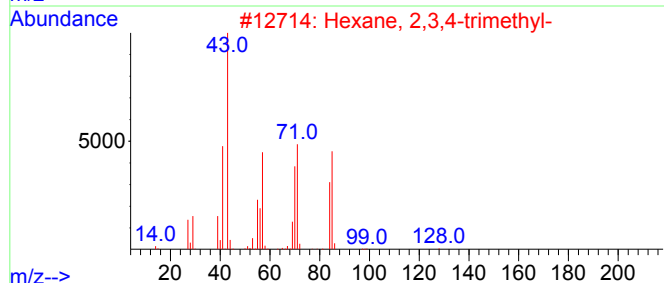
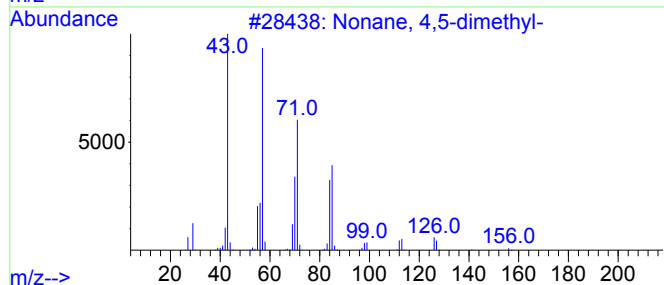
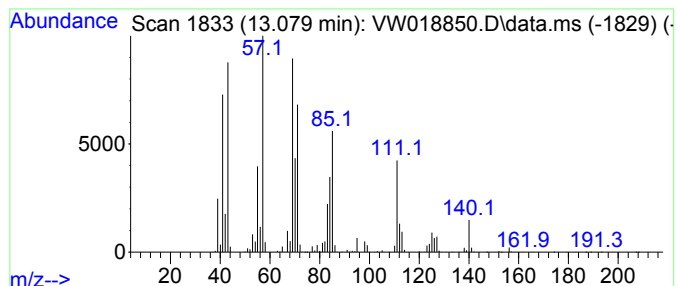
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Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.079	1.99 ug/L	2306450	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	49
2			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	43
3			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	43
4			Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	38
5			3,4-Diethyl-3-hexene	140	C10H20	000868-46-2	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018850.D
Acq On : 29 Apr 2021 17:06
Operator : SY/VA
Sample : M2177-22
Misc : 5.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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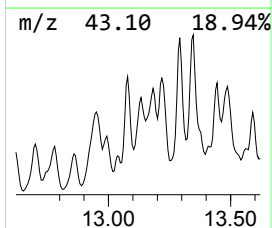
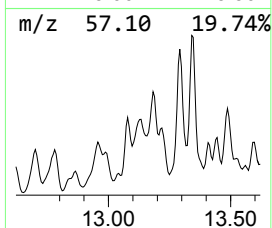
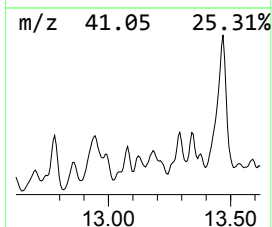
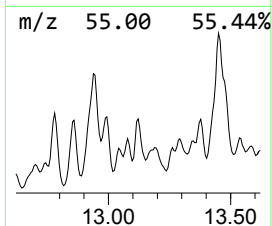
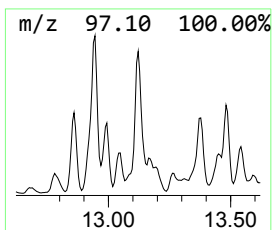
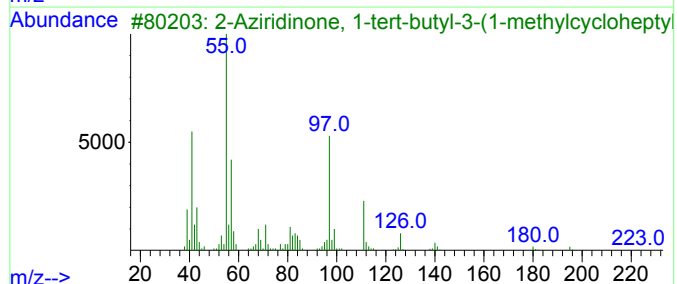
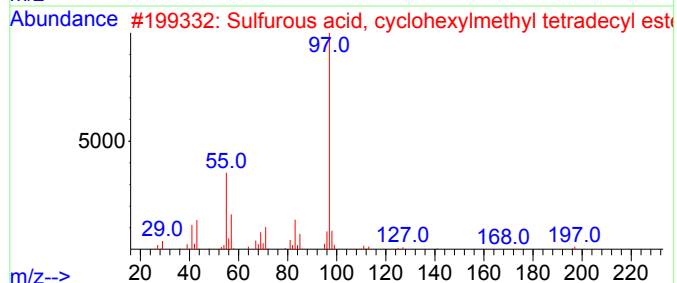
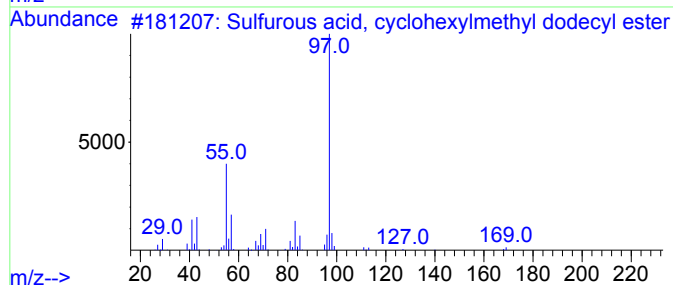
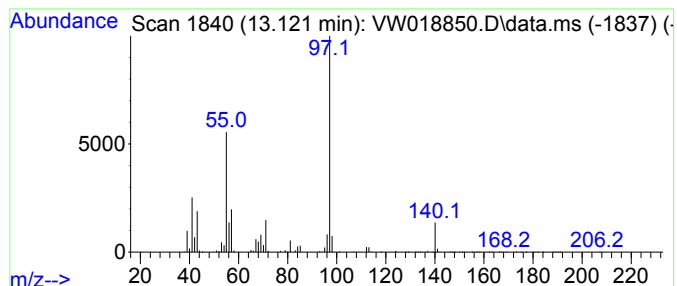
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Quant Title : SFAM01.0

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

Peak Number 17 Sulfurous acid, cyclohexylm... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.121	1.75 ug/L	2028190	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	72
2			Sulfurous acid, cyclohexylmethyl...	374	C21H42O3S	1000309-22-2	72
3			2-Aziridinone, 1-tert-butyl-3-(1...	223	C14H25NO	026944-18-3	72
4			Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	72
5			Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018850.D
Acq On : 29 Apr 2021 17:06
Operator : SY/VA
Sample : M2177-22
Misc : 5.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG592

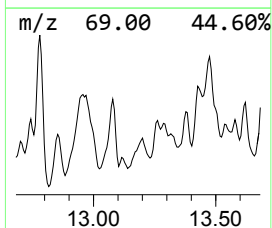
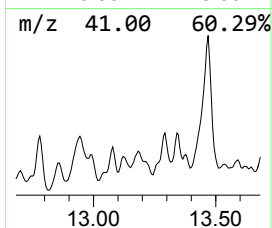
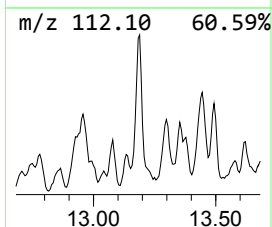
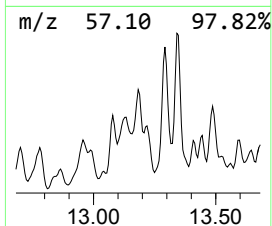
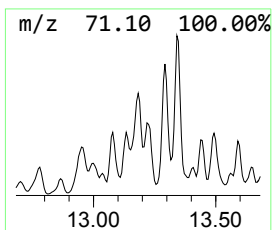
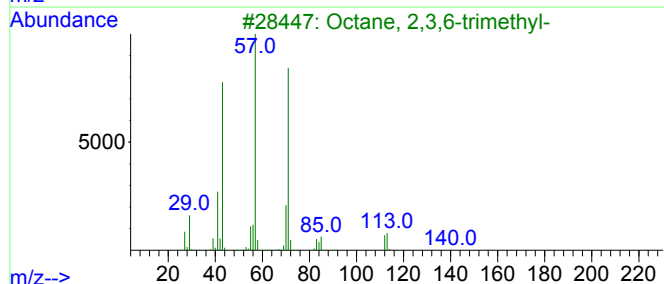
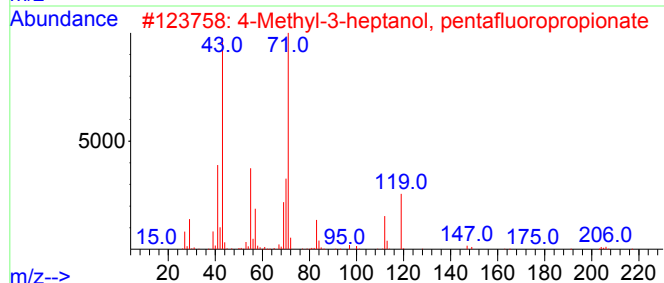
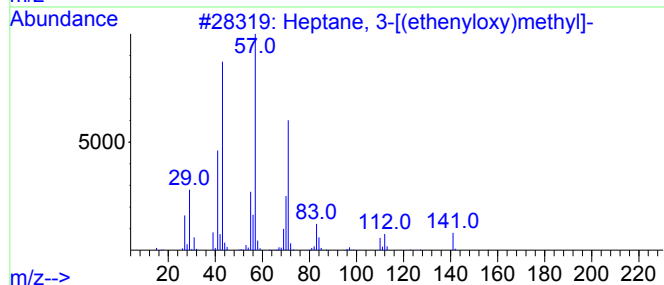
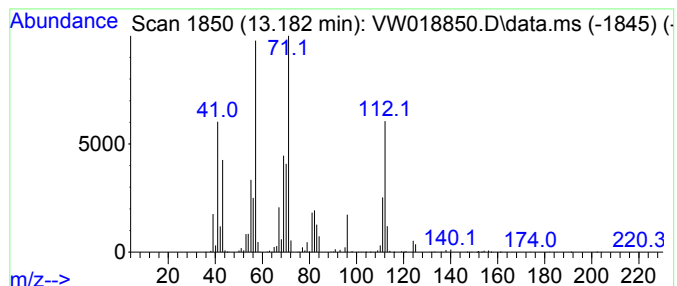
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Quant Title : SFAM01.0

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

Peak Number 18 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.182	2.87 ug/L	3323540	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-[(ethenyoxy)methyl]-	156	C10H20O	000103-44-6	38
2			4-Methyl-3-heptanol, pentafluoro...	276	C11H17F5O2	1000365-51-7	38
3			Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	38
4			Nonane, 2,3-dimethyl-	156	C11H24	002884-06-2	37
5			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	37



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018850.D
Acq On : 29 Apr 2021 17:06
Operator : SY/VA
Sample : M2177-22
Misc : 5.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

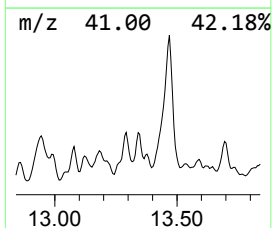
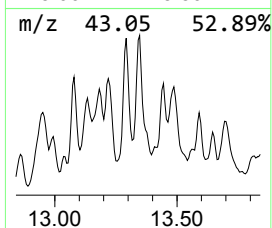
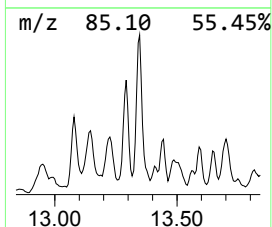
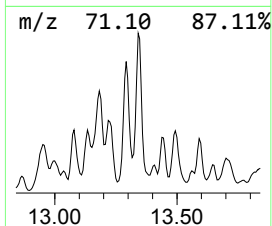
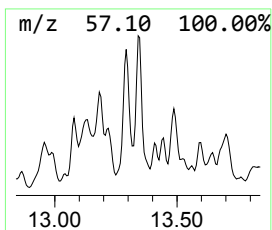
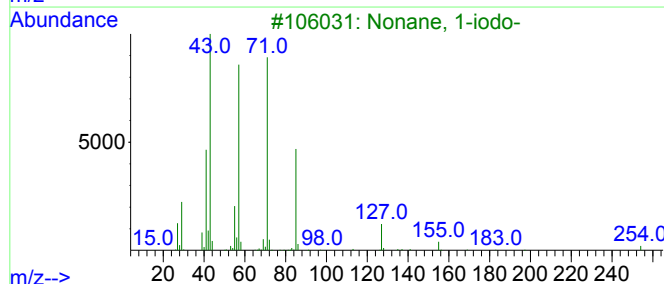
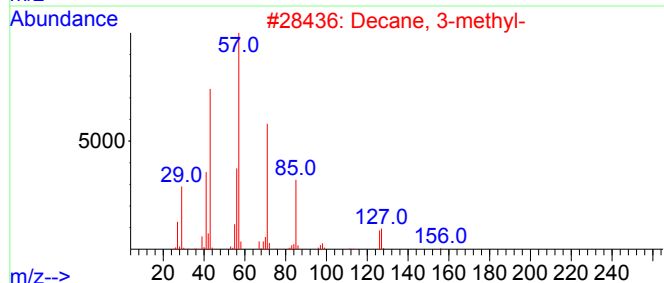
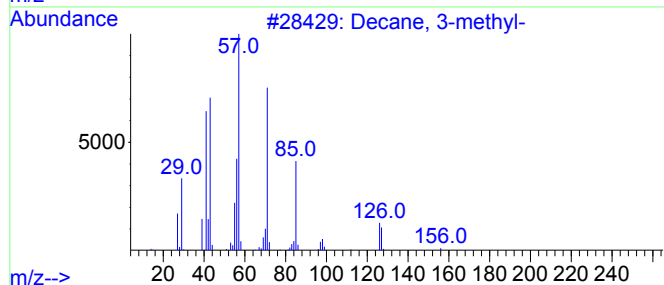
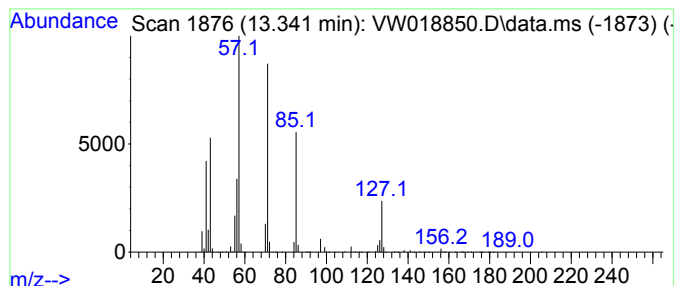
Instrument :
MSVOA_W
ClientSampleId :
BG592

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 19 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.341	2.38 ug/L	2754500	1,4-Dichlorobenzene-d4			13.560
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-		156	C11H24	013151-34-3	74
2	Decane, 3-methyl-		156	C11H24	013151-34-3	64
3	Nonane, 1-iodo-		254	C9H19I	004282-42-2	64
4	Sulfurous acid, nonyl 2-propyl e...		250	C12H26O3S	1000309-12-0	64
5	Sulfurous acid, isohexyl pentyl ...		236	C11H24O3S	1000309-14-0	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018850.D
Acq On : 29 Apr 2021 17:06
Operator : SY/VA
Sample : M2177-22
Misc : 5.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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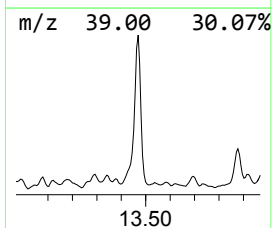
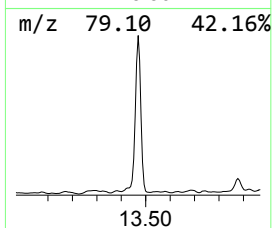
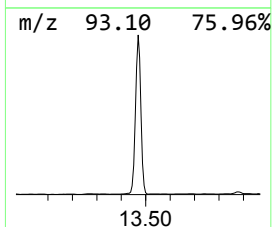
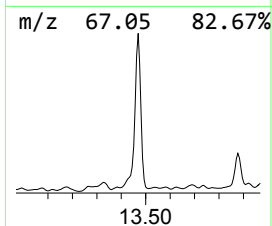
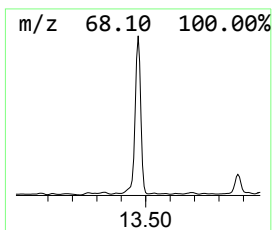
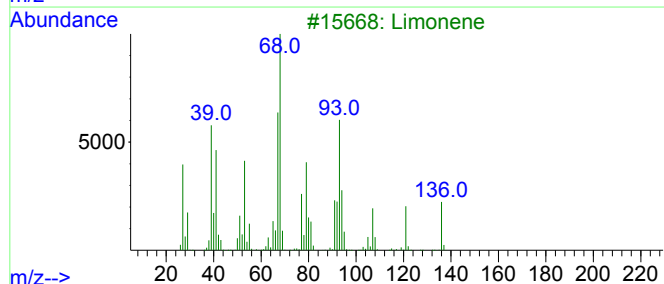
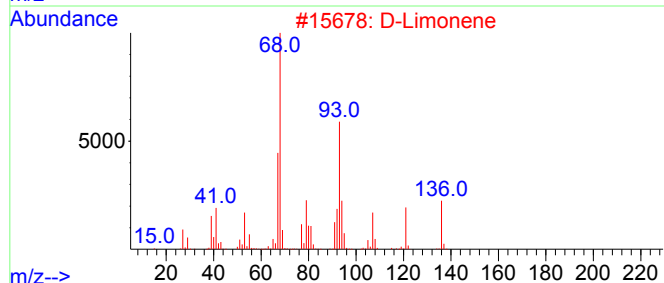
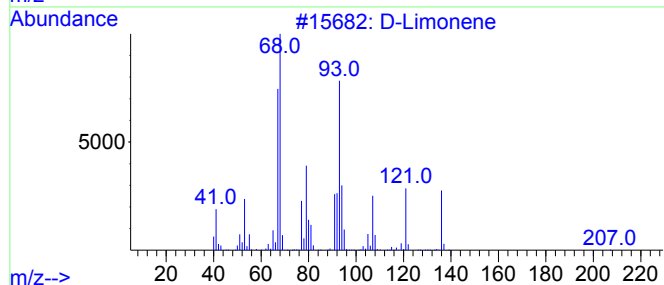
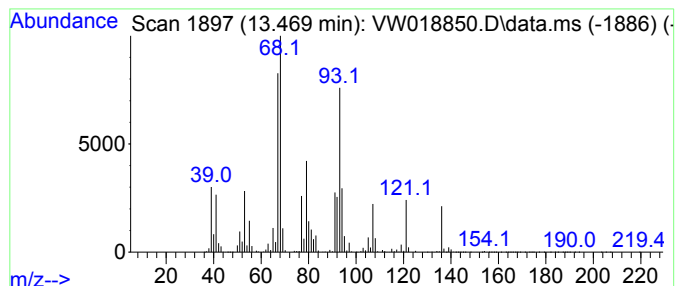
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Quant Title : SFAM01.0

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

Peak Number 20 D-Limonene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.469	25.00 ug/L	28951400	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		D-Limonene	136	C10H16	005989-27-5	98
2		D-Limonene	136	C10H16	005989-27-5	94
3		Limonene	136	C10H16	000138-86-3	93
4		D-Limonene	136	C10H16	005989-27-5	81
5		Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018850.D
Acq On : 29 Apr 2021 17:06
Operator : SY/VA
Sample : M2177-22
Misc : 5.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG592

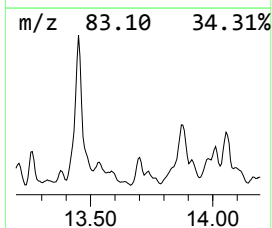
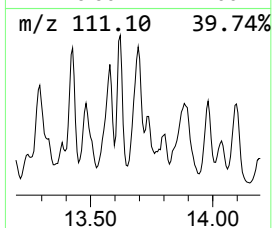
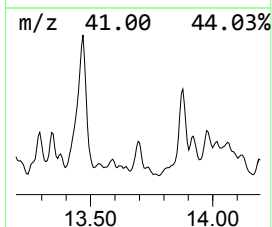
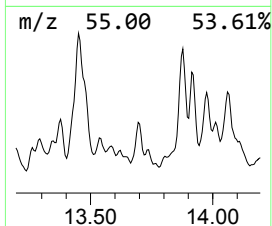
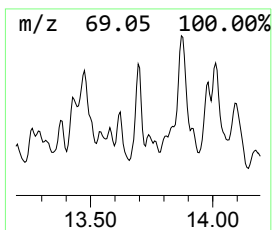
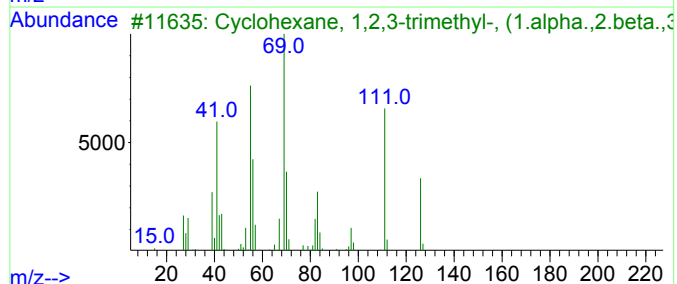
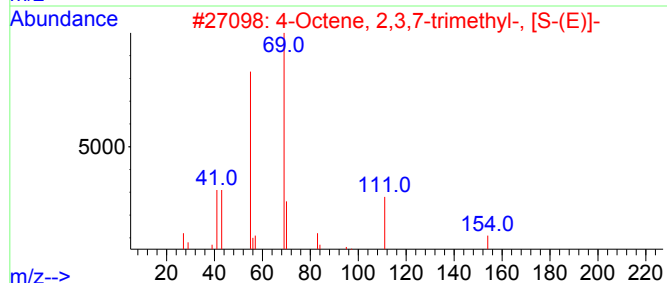
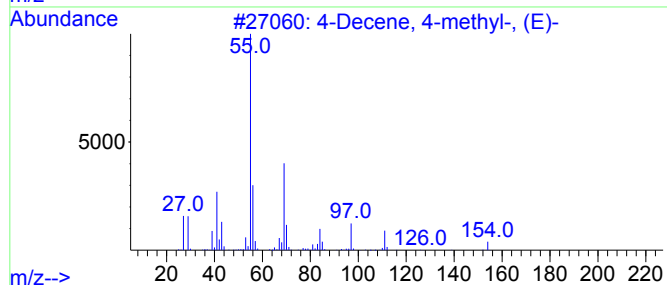
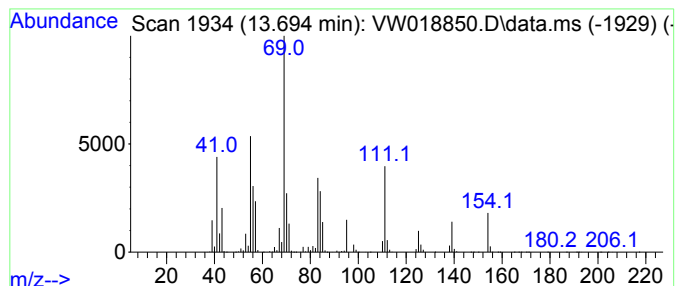
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Quant Title : SFAM01.0

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.695	2.15 ug/L	2493260	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Decene, 4-methyl-, (E)-	154	C11H22	060366-66-7	76	
2	4-Octene, 2,3,7-trimethyl-, [S-(...	154	C11H22	052763-13-0	53	
3	Cyclohexane, 1,2,3-trimethyl-, (...]	126	C9H18	001678-81-5	53	
4	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	53	
5	Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	47	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018850.D
Acq On : 29 Apr 2021 17:06
Operator : SY/VA
Sample : M2177-22
Misc : 5.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG592

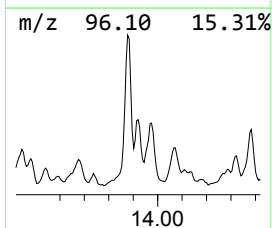
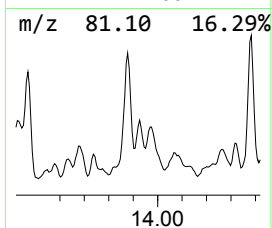
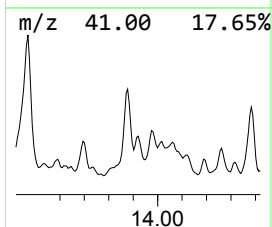
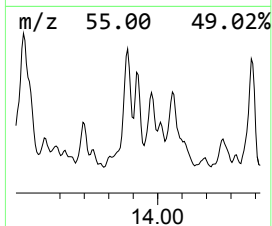
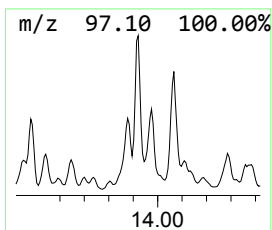
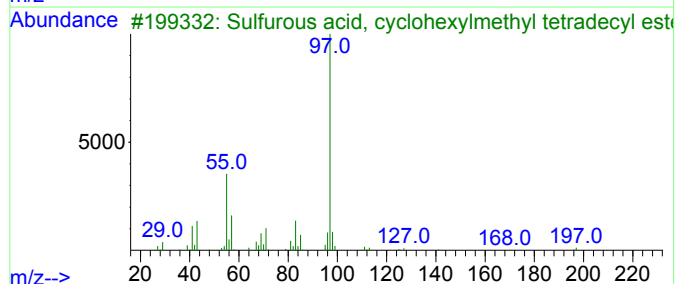
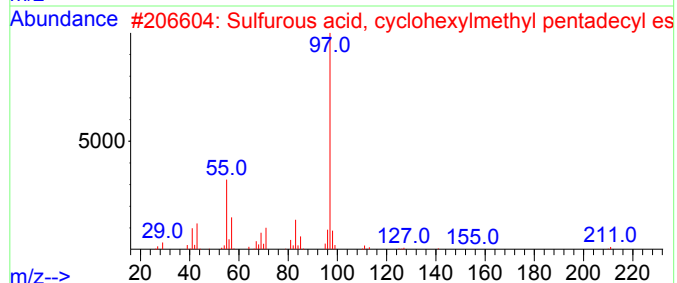
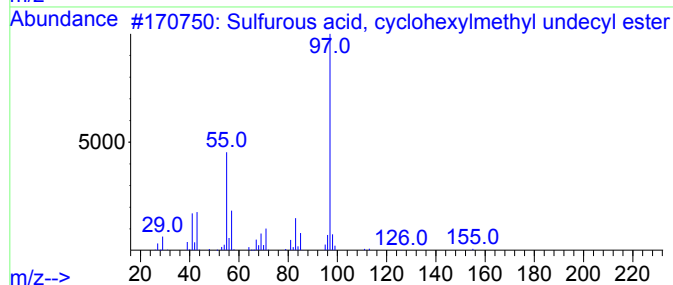
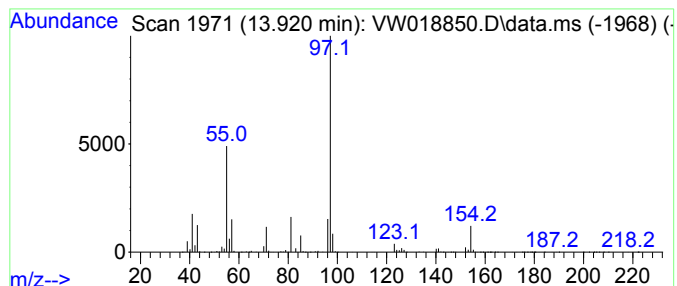
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Quant Title : SFAM01.0

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

Peak Number 22 Sulfurous acid, cyclohexylm... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.920	1.70 ug/L	1967510	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	64
2			Sulfurous acid, cyclohexylmethyl...	388	C22H44O3S	1000309-22-3	64
3			Sulfurous acid, cyclohexylmethyl...	374	C21H42O3S	1000309-22-2	64
4			Sulfurous acid, cyclohexylmethyl...	360	C20H40O3S	1000309-22-1	64
5			Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018850.D
Acq On : 29 Apr 2021 17:06
Operator : SY/VA
Sample : M2177-22
Misc : 5.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG592

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

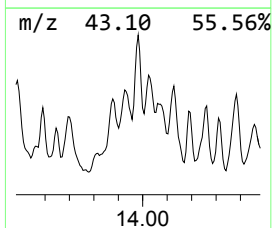
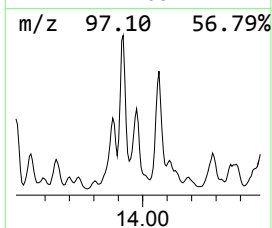
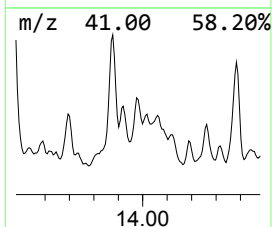
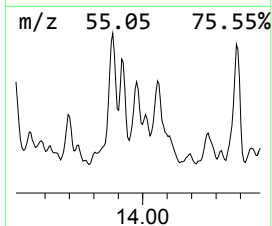
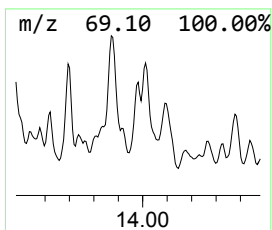
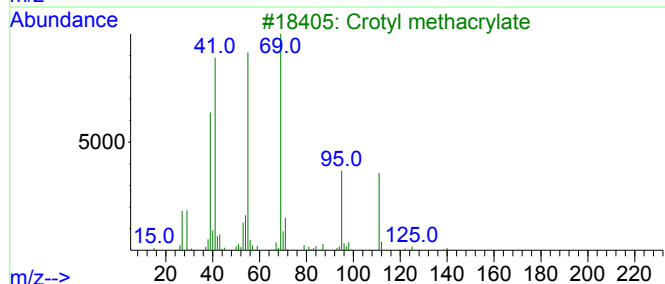
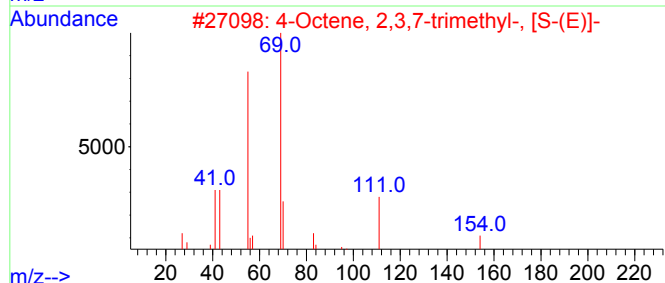
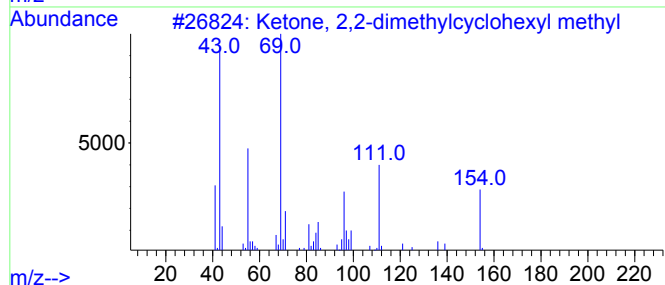
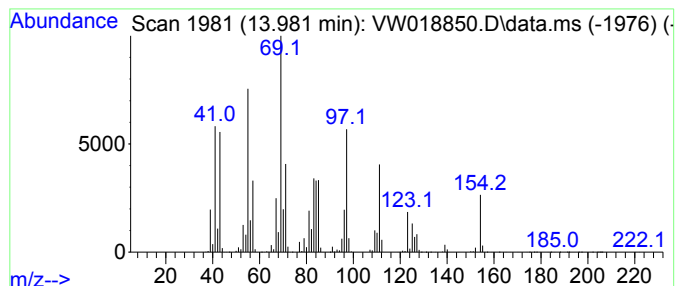
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TIC Integration Parameters: LSCINT.P

Peak Number 23 unknown-02

Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.981	2.41 ug/L	2793690	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ketone, 2,2-dimethylcyclohexyl m...	154	C10H18O	017983-26-5	49
2			4-Octene, 2,3,7-trimethyl-, [S-(...	154	C11H22	052763-13-0	43
3			Crotyl methacrylate	140	C8H12O2	007376-45-6	38
4			Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	30
5			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018850.D
Acq On : 29 Apr 2021 17:06
Operator : SY/VA
Sample : M2177-22
Misc : 5.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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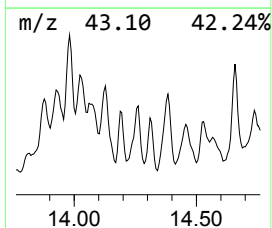
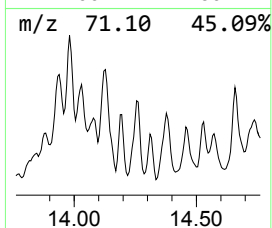
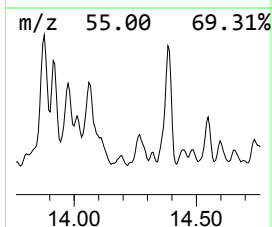
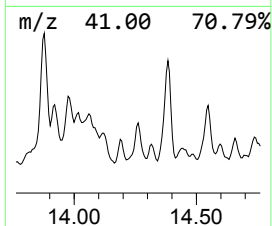
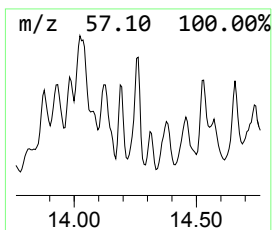
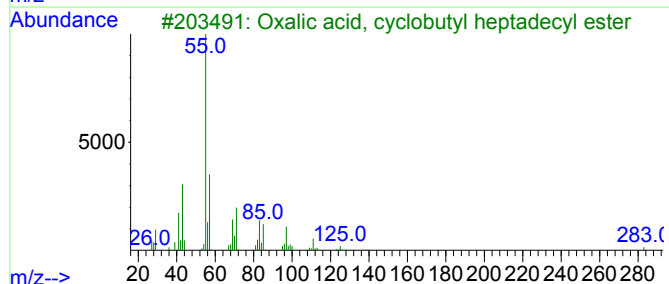
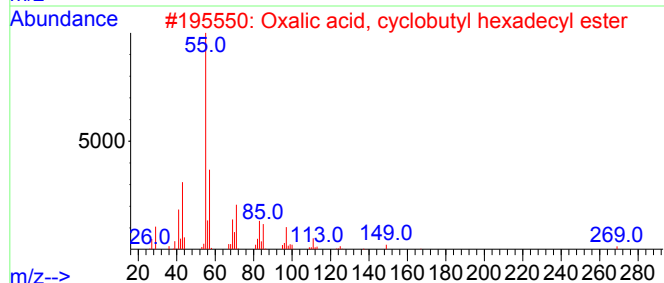
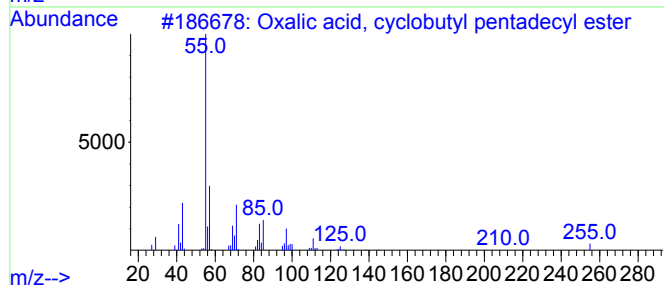
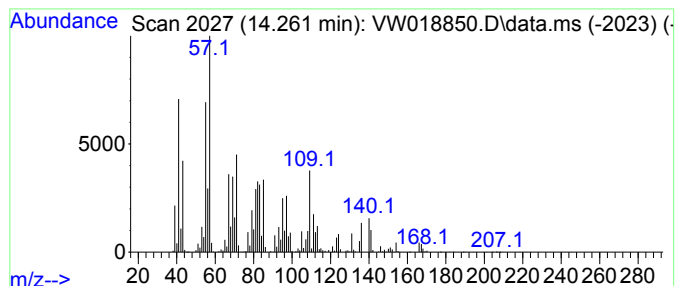
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Quant Title : SFAM01.0

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

Peak Number 24 unknown-03 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.262	1.89 ug/L	2187350	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	43
2			Oxalic acid, cyclobutyl hexadecy...	368	C22H40O4	1000309-70-6	43
3			Oxalic acid, cyclobutyl heptadec...	382	C23H42O4	1000309-70-7	43
4			8-Oxabicyclo[5.1.0]octane	112	C7H12O	000286-45-3	42
5			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018850.D
Acq On : 29 Apr 2021 17:06
Operator : SY/VA
Sample : M2177-22
Misc : 5.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG592

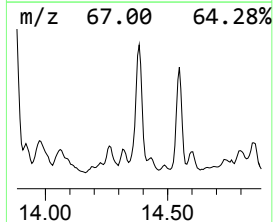
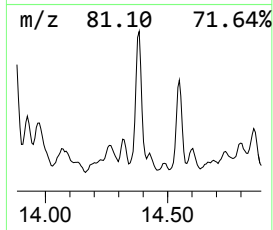
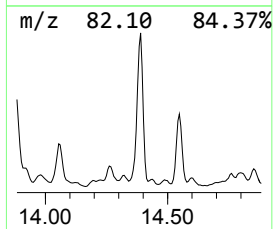
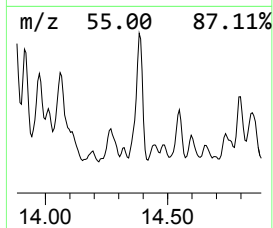
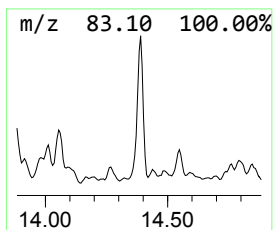
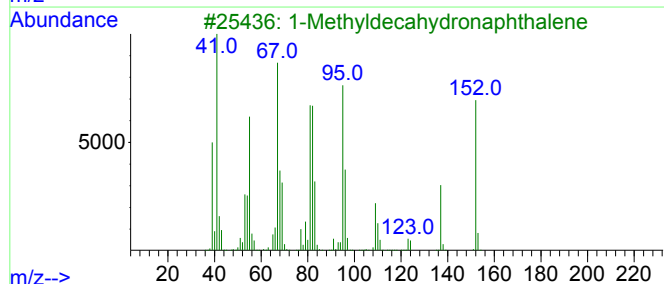
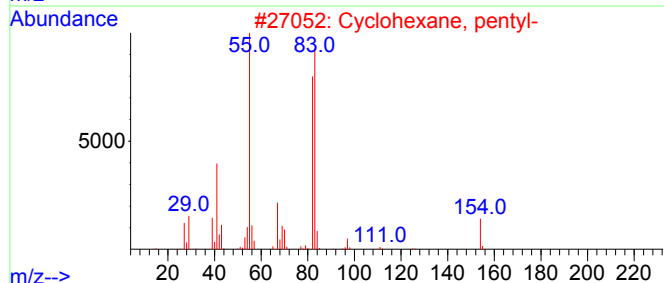
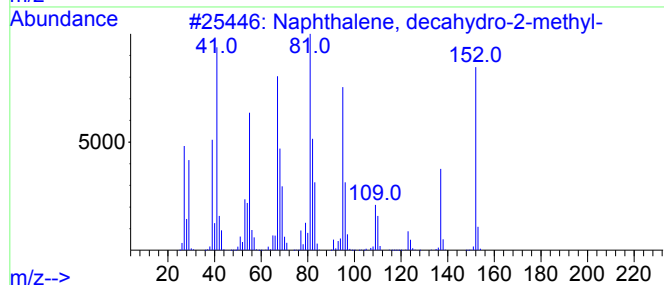
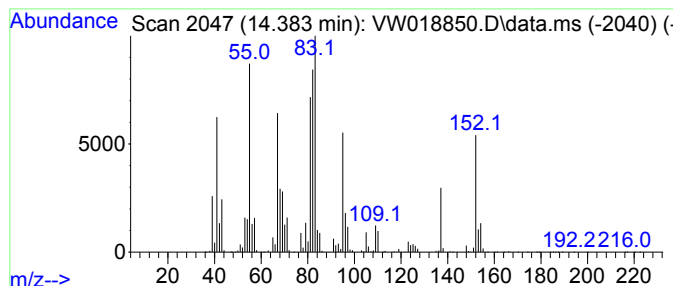
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Quant Title : SFAM01.0

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

Peak Number 25 Naphthalene, decahydro-2-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.383	6.39 ug/L	7399240	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	95
2		Cyclohexane, pentyl-	154	C11H22	004292-92-6	50
3		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	49
4		Cyclohexane, (1-methylbutyl)-	154	C11H22	061208-94-4	46
5		1-Hexadecyne	222	C16H30	000629-74-3	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018850.D
Acq On : 29 Apr 2021 17:06
Operator : SY/VA
Sample : M2177-22
Misc : 5.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG592

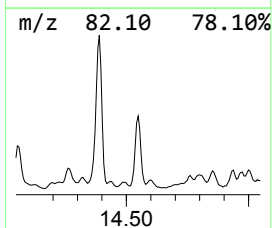
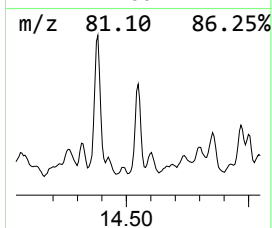
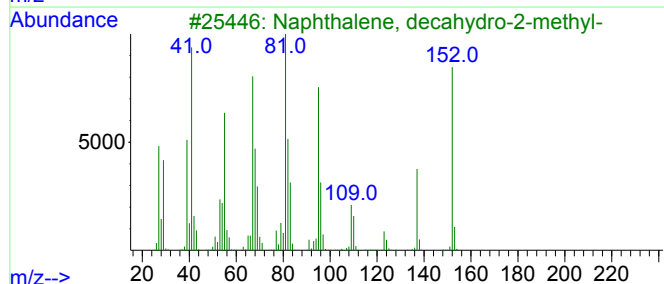
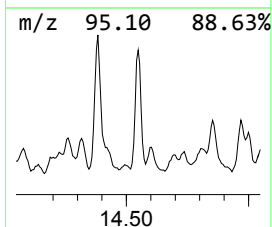
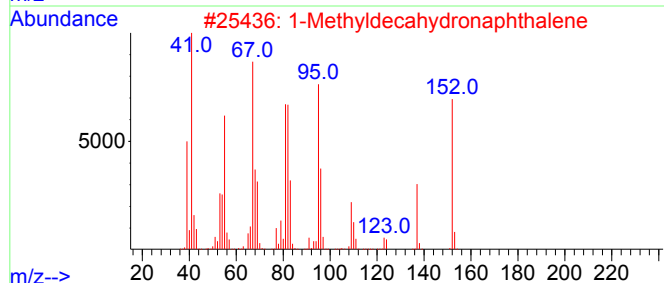
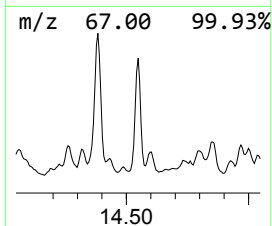
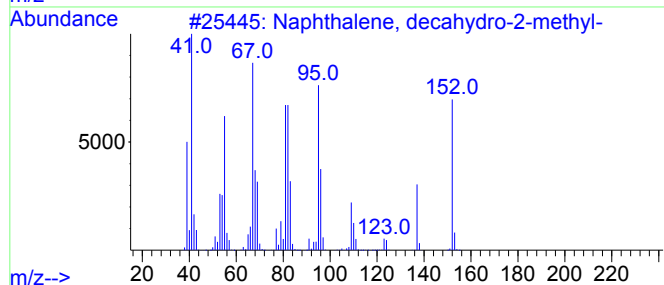
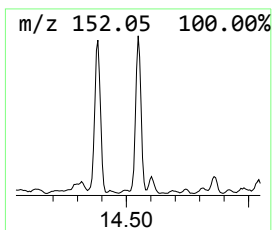
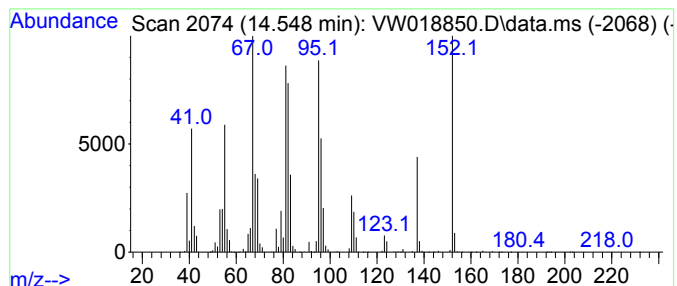
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Quant Title : SFAM01.0

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

Peak Number 26 1-Methyldecahydronaphthalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.548	3.45 ug/L	3995630	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	81
4			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	76
5			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018850.D
Acq On : 29 Apr 2021 17:06
Operator : SY/VA
Sample : M2177-22
Misc : 5.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG592

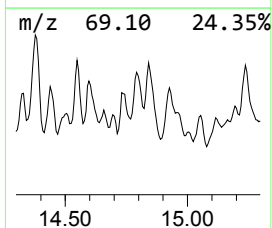
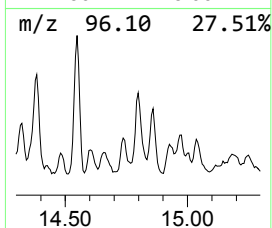
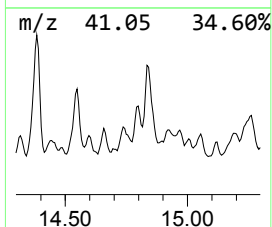
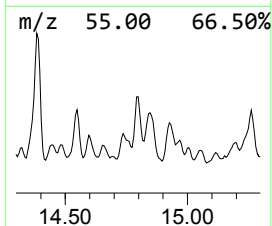
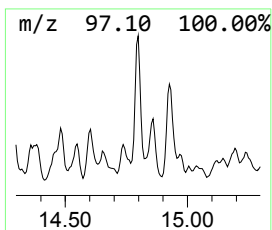
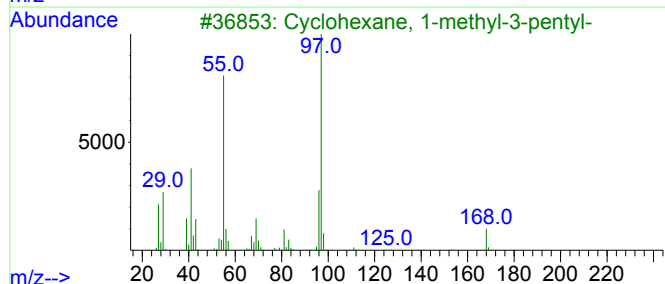
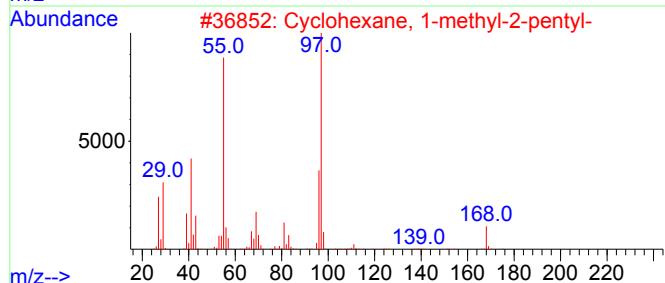
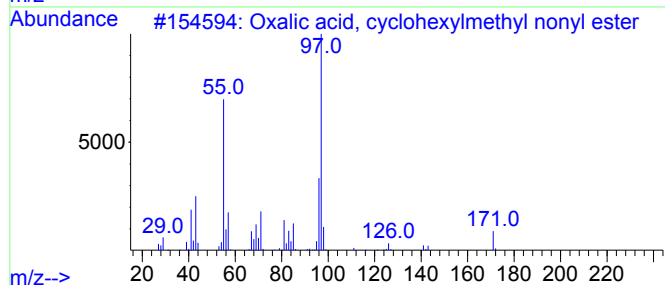
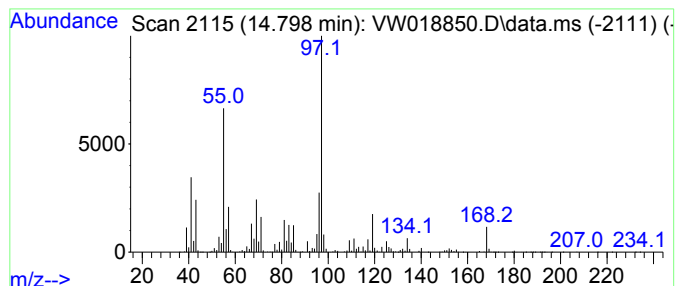
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Quant Title : SFAM01.0

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

Peak Number 27 Oxalic acid, cyclohexylmeth... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.798	2.17 ug/L	2516460	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, cyclohexylmethyl no...	312	C18H32O4	1000309-68-6	58
2			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	58
3			Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	58
4			Oxalic acid, cyclohexylmethyl oc...	298	C17H30O4	1000309-68-4	52
5			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018850.D
Acq On : 29 Apr 2021 17:06
Operator : SY/VA
Sample : M2177-22
Misc : 5.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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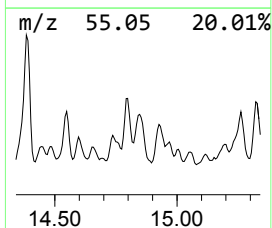
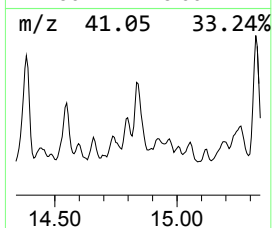
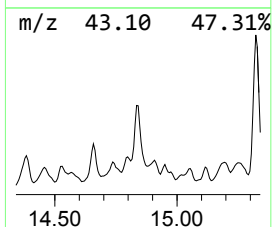
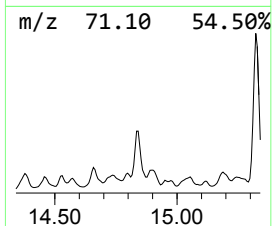
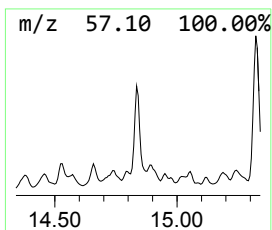
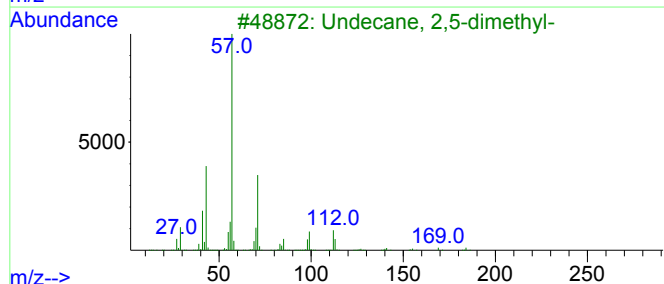
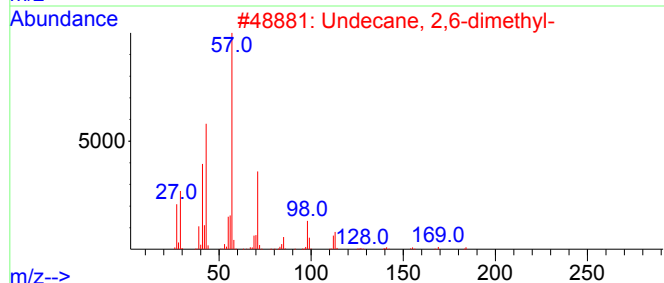
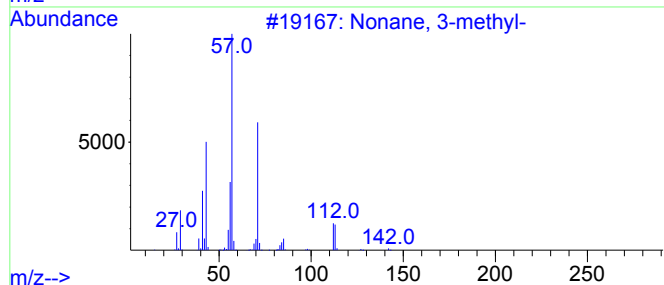
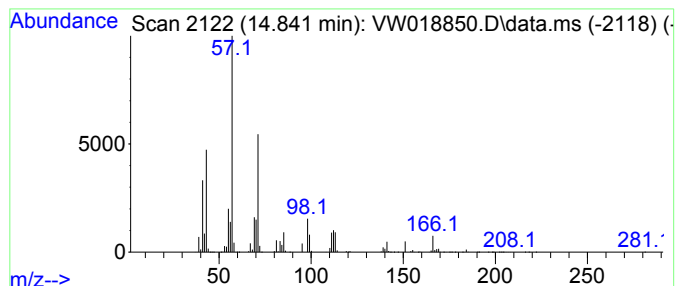
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Quant Title : SFAM01.0

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.841	3.80 ug/L	4396480	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	70
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
3			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	60
4			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	53
5			Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018850.D
Acq On : 29 Apr 2021 17:06
Operator : SY/VA
Sample : M2177-22
Misc : 5.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG592

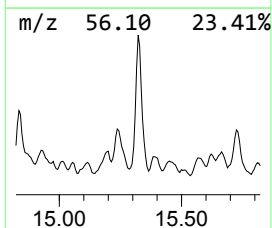
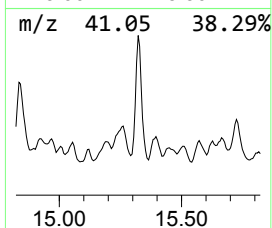
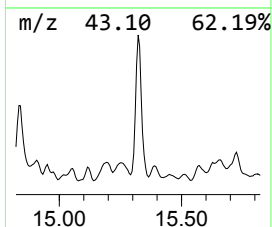
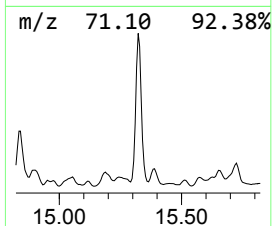
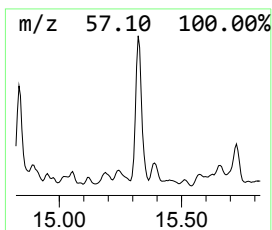
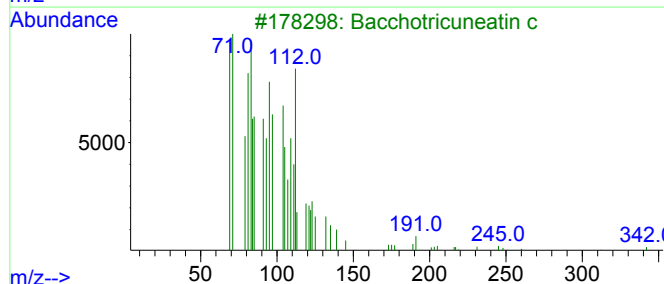
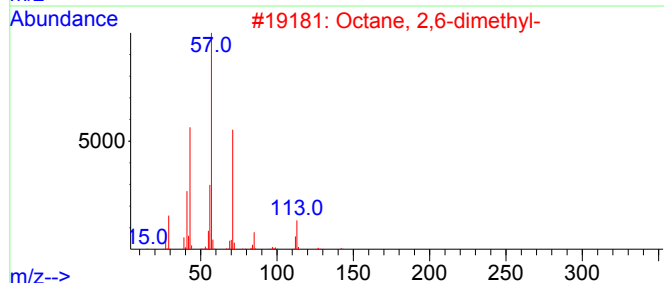
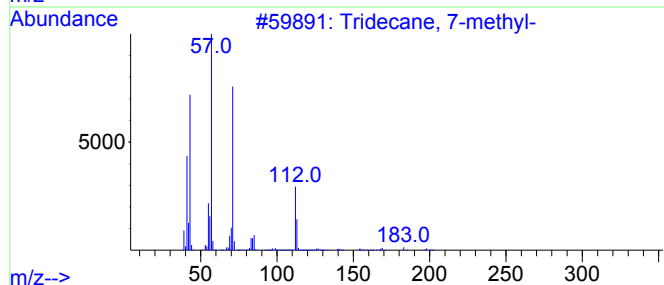
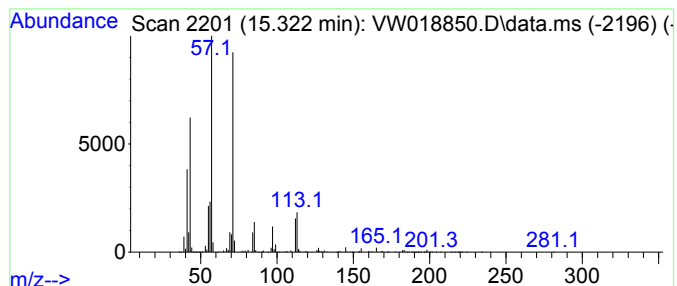
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Quant Title : SFAM01.0

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.322	5.37 ug/L	6218310	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		Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	72
5		Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018850.D
Acq On : 29 Apr 2021 17:06
Operator : SY/VA
Sample : M2177-22
Misc : 5.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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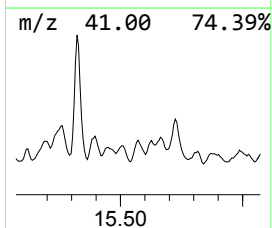
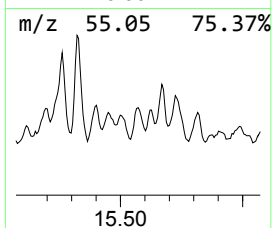
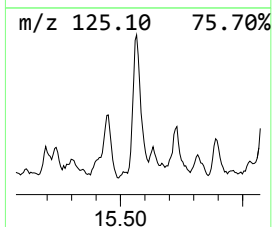
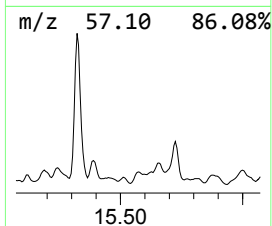
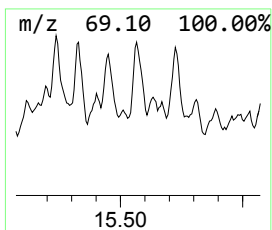
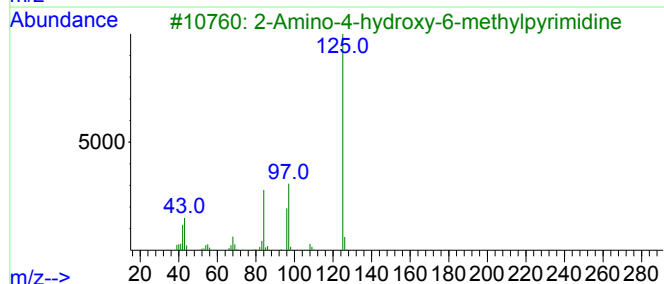
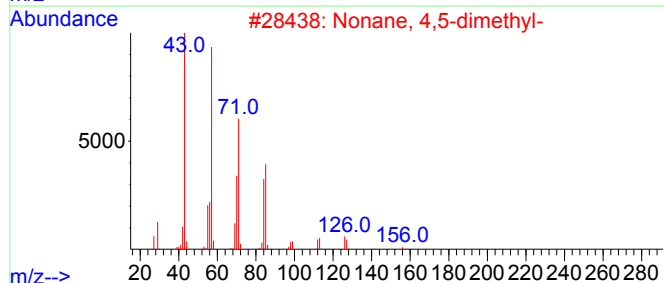
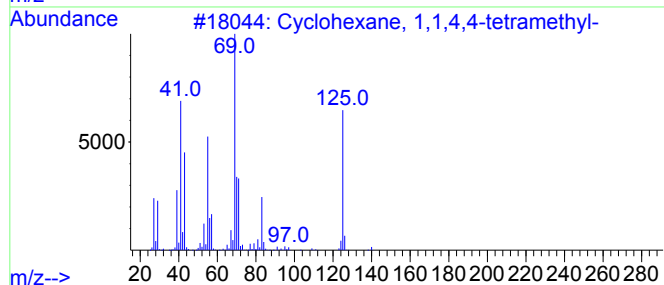
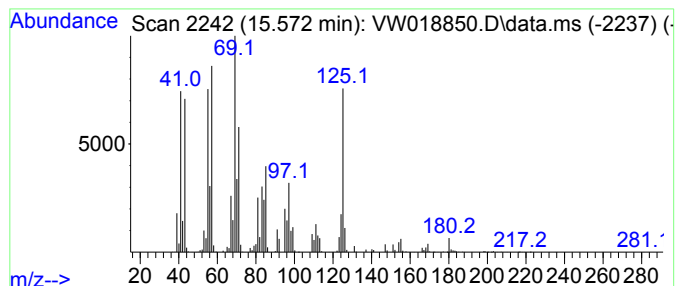
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Quant Title : SFAM01.0

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

Peak Number 30 (DEL) Alkane: Cyclic15.572 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.572	1.29 ug/L	1497580	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	49
2			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	35
3			2-Amino-4-hydroxy-6-methylpyrimi...	125	C5H7N3O	003977-29-5	30
4			2-Piperidinone, N-[4-bromo-n-but...	233	C9H16BrNO	195194-80-0	25
5			1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018850.D
Acq On : 29 Apr 2021 17:06
Operator : SY/VA
Sample : M2177-22
Misc : 5.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

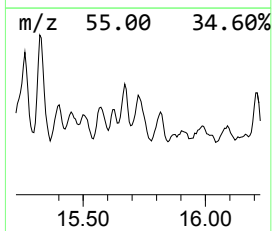
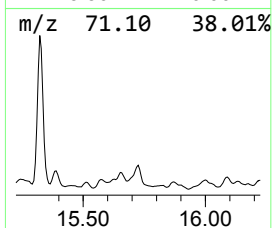
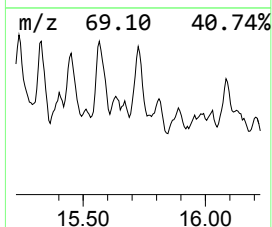
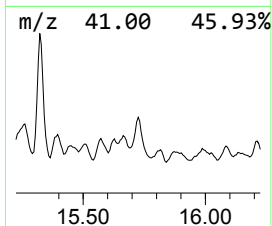
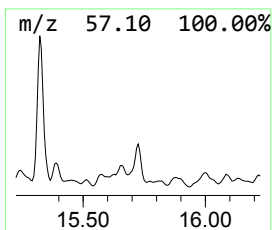
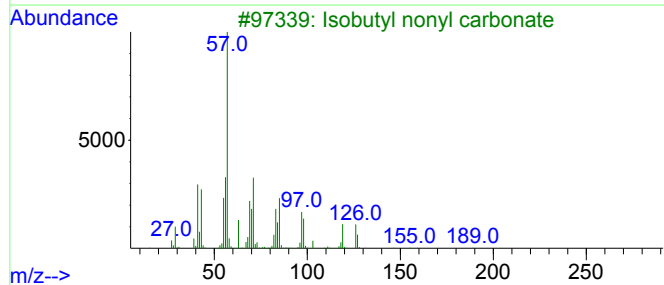
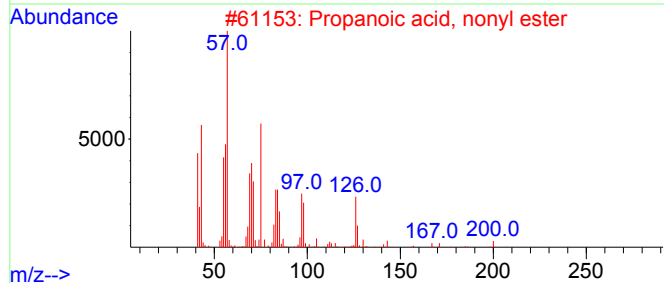
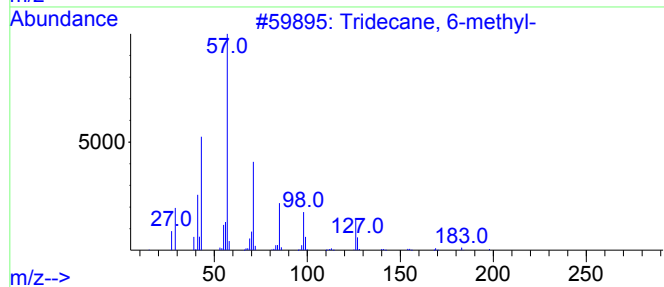
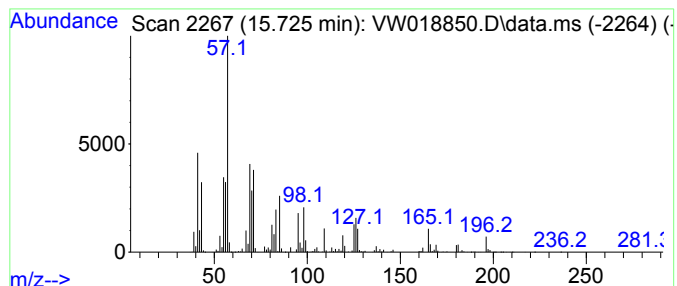
Instrument :
MSVOA_W
ClientSampleId :
BG592

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 31 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.725	2.13 ug/L	2467600	1,4-Dichlorobenzene-d4		13.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-		198	C14H30	013287-21-3	46
2	Propanoic acid, nonyl ester		200	C12H24O2	053184-67-1	43
3	Isobutyl nonyl carbonate		244	C14H28O3	959311-27-4	37
4	Dodecane, 2,5-dimethyl-		198	C14H30	056292-65-0	30
5	1-Octanol, 2-butyl-		186	C12H26O	003913-02-8	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018850.D
Acq On : 29 Apr 2021 17:06
Operator : SY/VA
Sample : M2177-22
Misc : 5.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG592

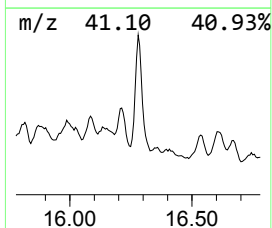
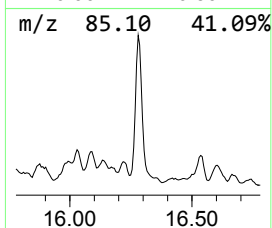
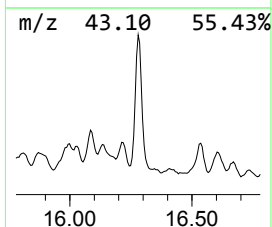
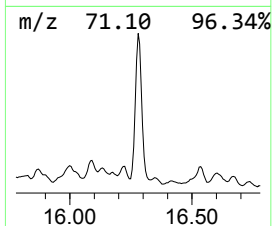
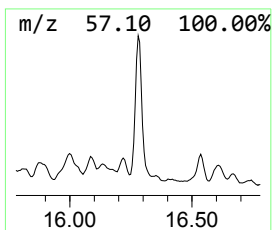
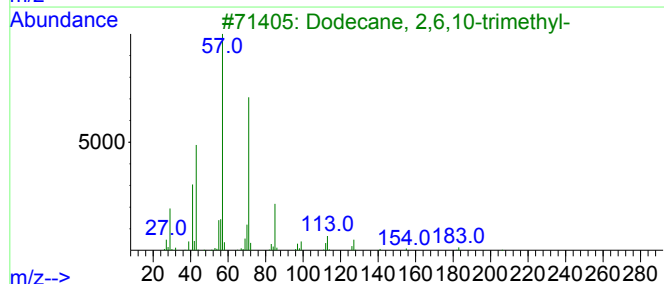
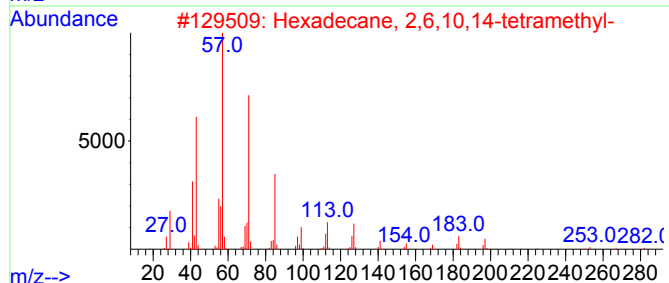
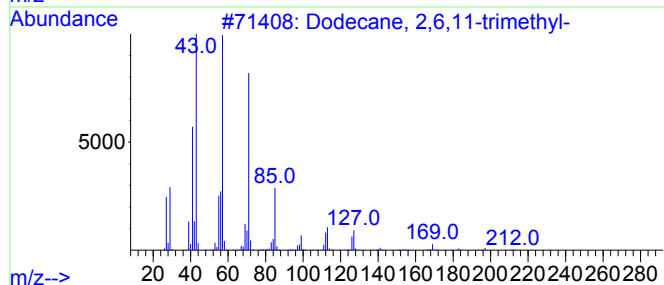
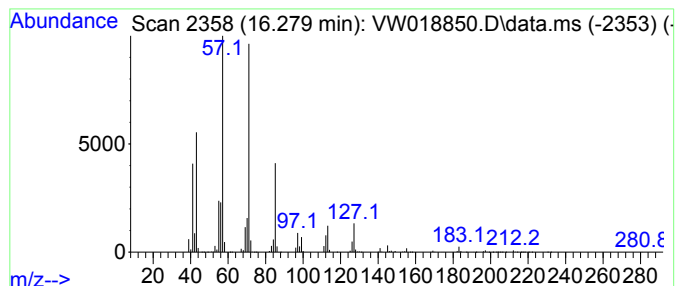
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.279	3.59 ug/L	4157230	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	90
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
4		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	78
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
 Data File : VW018850.D
 Acq On : 29 Apr 2021 17:06
 Operator : SY/VA
 Sample : M2177-22
 Misc : 5.18G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG592

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

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	11.036	4.6	ug/L	316826	2	11.634	1727300	25.0
(DEL) Alkane: C...	11.110	3.0	ug/L	203884	2	11.634	1727300	25.0
(DEL) Alkane: C...	11.232	10.9	ug/L	754075	2	11.634	1727300	25.0
(DEL) Alkane: C...	11.286	2.6	ug/L	179918	2	11.634	1727300	25.0
(DEL) Alkane: S...	11.335	6.0	ug/L	415584	2	11.634	1727300	25.0
(DEL) Alkane: S...	11.378	1.4	ug/L	92957	2	11.634	1727300	25.0
(DEL) Alkane: C...	11.439	3.6	ug/L	246659	2	11.634	1727300	25.0
(DEL) Alkane: S...	11.975	12.9	ug/L	888125	2	11.634	1727300	25.0
(DEL) Alkane: S...	12.061	9.8	ug/L	673514	2	11.634	1727300	25.0
(DEL) Alkane: S...	12.250	57.7	ug/L	3988580	2	11.634	1727300	25.0
(DEL) Alkane: S...	12.359	122.6	ug/L	8468640	2	11.634	1727300	25.0
1-(1-Propynyl)c...	12.561	4.2	ug/L	287370	2	11.634	1727300	25.0
(DEL) Alkane: C...	12.780	4.4	ug/L	5063720	3	13.560	28951400	25.0
Cyclohexane, 1-...	12.859	3.0	ug/L	3420400	3	13.560	28951400	25.0
(DEL) Alkane: S...	13.079	2.0	ug/L	2306450	3	13.560	28951400	25.0
Sulfurous acid,...	13.121	1.8	ug/L	2028190	3	13.560	28951400	25.0
unknown-01	13.182	2.9	ug/L	3323540	3	13.560	28951400	25.0
(DEL) Alkane: S...	13.341	2.4	ug/L	2754500	3	13.560	28951400	25.0
D-Limonene	13.469	25.0	ug/L	28951400	3	13.560	28951400	25.0
(DEL) Alkane: S...	13.695	2.1	ug/L	2493260	3	13.560	28951400	25.0
Sulfurous acid,...	13.920	1.7	ug/L	1967510	3	13.560	28951400	25.0
unknown-02	13.981	2.4	ug/L	2793690	3	13.560	28951400	25.0
unknown-03	14.262	1.9	ug/L	2187350	3	13.560	28951400	25.0
Naphthalene, de...	14.383	6.4	ug/L	7399240	3	13.560	28951400	25.0
1-Methyldecahyd...	14.548	3.5	ug/L	3995630	3	13.560	28951400	25.0
Oxalic acid, cy...	14.798	2.2	ug/L	2516460	3	13.560	28951400	25.0
(DEL) Alkane: S...	14.841	3.8	ug/L	4396480	3	13.560	28951400	25.0
(DEL) Alkane: S...	15.322	5.4	ug/L	6218310	3	13.560	28951400	25.0
(DEL) Alkane: C...	15.572	1.3	ug/L	1497580	3	13.560	28951400	25.0
(DEL) Alkane: S...	15.725	2.1	ug/L	2467600	3	13.560	28951400	25.0
(DEL) Alkane: S...	16.279	3.6	ug/L	4157230	3	13.560	28951400	25.0