

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
 Data File : VW018820.D
 Acq On : 28 Apr 2021 15:08
 Operator : SY/VA
 Sample : M2177-04
 Misc : 5.57G/10ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG581

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\SFAMWLM041421SMA.M
 Title : SFAM01.0

Signal : TIC: VW018820.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	30	rVB	14906	38479	2.53%	0.205%
2	2.160	36	42	49	rBV	16784	40725	2.68%	0.217%
3	2.355	66	74	86	rVB	78990	152847	10.05%	0.816%
4	2.501	94	98	104	rBV2	5345	11306	0.74%	0.060%
5	2.892	155	162	179	rVB	66894	165477	10.88%	0.883%
6	4.019	333	347	359	rBV2	121576	365537	24.03%	1.951%
7	4.135	360	366	379	rVB	11317	33731	2.22%	0.180%
8	4.379	396	406	418	rBV2	8112	32423	2.13%	0.173%
9	4.922	482	495	519	rBV2	42637	159843	10.51%	0.853%
10	5.434	568	579	580	rBV3	3792	7082	0.47%	0.038%
11	5.940	651	662	672	rBV3	12260	35810	2.35%	0.191%
12	6.897	806	819	826	rBV6	3834	13200	0.87%	0.070%
13	6.988	828	834	841	rVB3	5146	13345	0.88%	0.071%
14	7.086	841	850	855	rBV	48403	138246	9.09%	0.738%
15	7.647	931	942	960	rBV	288393	706360	46.44%	3.769%
16	7.958	982	993	1000	rBV4	14620	38760	2.55%	0.207%
17	8.031	1000	1005	1014	rVB6	3250	9486	0.62%	0.051%
18	8.159	1019	1026	1032	rBV6	2559	6676	0.44%	0.036%
19	8.275	1032	1045	1062	rBV2	477251	1521000	100.00%	8.117%
20	8.433	1062	1071	1076	rBV2	3406	8887	0.58%	0.047%
21	8.573	1087	1094	1101	rVB6	6181	14650	0.96%	0.078%
22	8.842	1129	1138	1149	rBV	669116	1307480	85.96%	6.977%
23	9.073	1165	1176	1184	rBV5	6773	20843	1.37%	0.111%
24	9.274	1198	1209	1216	rBV	377165	786626	51.72%	4.198%
25	9.335	1216	1219	1226	rVV	33718	58370	3.84%	0.311%
26	9.390	1226	1228	1236	rVB5	4702	7737	0.51%	0.041%
27	9.610	1255	1264	1269	rBV5	5403	11840	0.78%	0.063%
28	9.756	1282	1288	1298	rVB4	8520	17331	1.14%	0.092%
29	9.896	1305	1311	1317	rVB3	7171	13172	0.87%	0.070%
30	10.037	1325	1334	1346	rBV	184084	344058	22.62%	1.836%
31	10.128	1346	1349	1355	rVB3	3806	7439	0.49%	0.040%
32	10.207	1355	1362	1366	rBV5	5445	12074	0.79%	0.064%
33	10.323	1373	1381	1389	rBV	590562	1043880	68.63%	5.570%
34	10.384	1389	1391	1397	rVB	10218	16602	1.09%	0.089%
35	10.494	1403	1409	1417	rVB7	8989	23839	1.57%	0.127%
36	10.579	1417	1423	1433	rBV	117161	211218	13.89%	1.127%

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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\SFAMWLM041421SMA.M
 Title : SFAM01.0

37	10.665	1433	1437	1440	rBV2	7968	13819	0.91%	0.074%
38	10.701	1440	1443	1448	rVB	17591	27940	1.84%	0.149%
39	10.762	1448	1453	1458	rBV8	6487	14292	0.94%	0.076%
40	10.854	1463	1468	1473	rVB5	7483	15422	1.01%	0.082%
41	10.927	1473	1480	1490	rBV	221960	380776	25.03%	2.032%
42	11.036	1492	1498	1499	rBV4	13217	17548	1.15%	0.094%
43	11.067	1499	1503	1507	rVB4	17437	27594	1.81%	0.147%
44	11.177	1514	1521	1525	rBV	17971	31143	2.05%	0.166%
45	11.231	1525	1530	1535	rVB	38898	64385	4.23%	0.344%
46	11.286	1535	1539	1543	rVB3	6606	8661	0.57%	0.046%
47	11.335	1543	1547	1551	rBV2	19083	30184	1.98%	0.161%
48	11.378	1551	1554	1559	rVB3	4980	7899	0.52%	0.042%
49	11.439	1559	1564	1571	rVB	28781	51330	3.37%	0.274%
50	11.506	1571	1575	1579	rBV3	5713	9409	0.62%	0.050%
51	11.634	1588	1596	1605	rBV	790513	1383831	90.98%	7.385%
52	11.725	1608	1611	1614	rBV5	4662	6928	0.46%	0.037%
53	11.768	1614	1618	1621	rBV4	8465	11076	0.73%	0.059%
54	11.817	1621	1626	1631	rBV4	19077	40651	2.67%	0.217%
55	11.872	1631	1635	1639	rBV	40771	66084	4.34%	0.353%
56	11.975	1648	1652	1655	rBV3	12547	22458	1.48%	0.120%
57	12.067	1660	1667	1671	rVB4	14974	30054	1.98%	0.160%
58	12.140	1671	1679	1690	rBV6	56099	215152	14.15%	1.148%
59	12.250	1690	1697	1702	rVB	102312	184480	12.13%	0.984%
60	12.365	1702	1716	1723	rBV4	100524	419930	27.61%	2.241%
61	12.457	1727	1731	1734	rVV4	37885	77984	5.13%	0.416%
62	12.500	1735	1738	1746	rVB6	50078	99730	6.56%	0.532%
63	12.567	1746	1749	1751	rVB3	6315	7146	0.47%	0.038%
64	12.615	1751	1757	1762	rVB5	46802	98949	6.51%	0.528%
65	12.695	1762	1770	1775	rBV	353870	647821	42.59%	3.457%
66	12.750	1776	1779	1780	rVV3	19576	25825	1.70%	0.138%
67	12.780	1780	1784	1790	rVB2	113721	206495	13.58%	1.102%
68	12.859	1790	1797	1801	rBV6	76524	176658	11.61%	0.943%
69	12.938	1802	1810	1815	rVV6	146440	429758	28.25%	2.293%
70	12.987	1816	1818	1823	rVB3	68796	105071	6.91%	0.561%
71	13.079	1828	1833	1836	rBV3	77871	142457	9.37%	0.760%
72	13.115	1836	1839	1845	rVB4	56466	110738	7.28%	0.591%
73	13.188	1846	1851	1853	rBV5	27028	56061	3.69%	0.299%
74	13.256	1859	1862	1864	rBV3	32131	42943	2.82%	0.229%
75	13.292	1864	1868	1872	rVV	131321	189509	12.46%	1.011%
76	13.341	1872	1876	1880	rVV	91205	139947	9.20%	0.747%

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 Title : SFAM01.0

77	13.377	1880	1882	1885	rVV3	39443	47857	3.15%	0.255%
78	13.444	1885	1893	1897	rVV5	179045	393878	25.90%	2.102%
79	13.481	1897	1899	1904	rVB4	75613	106002	6.97%	0.566%
80	13.560	1905	1912	1920	rVV	617534	1146096	75.35%	6.116%
81	13.694	1929	1934	1939	rBV6	68644	133147	8.75%	0.711%
82	13.853	1954	1960	1968	rBV2	513277	1177972	77.45%	6.286%
83	13.920	1968	1971	1974	rVV3	56345	88343	5.81%	0.471%
84	13.975	1978	1980	1983	rVB3	37859	49366	3.25%	0.263%
85	14.060	1989	1994	1997	rBV5	46917	95021	6.25%	0.507%
86	14.194	2011	2016	2021	rBV4	118335	218695	14.38%	1.167%
87	14.261	2022	2027	2033	rBV6	107312	193941	12.75%	1.035%
88	14.328	2033	2038	2042	rBV5	45338	106143	6.98%	0.566%
89	14.383	2042	2047	2050	rBV2	202675	322965	21.23%	1.723%
90	14.499	2062	2066	2068	rBV3	43298	70140	4.61%	0.374%
91	14.548	2070	2074	2079	rVB5	97638	183150	12.04%	0.977%
92	14.731	2100	2104	2109	rBV2	61052	86851	5.71%	0.463%
93	14.792	2109	2114	2121	rVV4	127580	307764	20.23%	1.642%
94	14.853	2121	2124	2129	rVB5	66456	100710	6.62%	0.537%
95	15.066	2154	2159	2165	rBV3	75592	136956	9.00%	0.731%
96	15.176	2172	2177	2184	rVB4	55624	120305	7.91%	0.642%
97	15.322	2197	2201	2209	rVB2	124277	208632	13.72%	1.113%
98	15.664	2248	2257	2262	rBV2	42622	148693	9.78%	0.793%
99	15.725	2264	2267	2273	rVB5	39638	73925	4.86%	0.394%
100	16.279	2354	2358	2366	rVB3	99536	188498	12.39%	1.006%

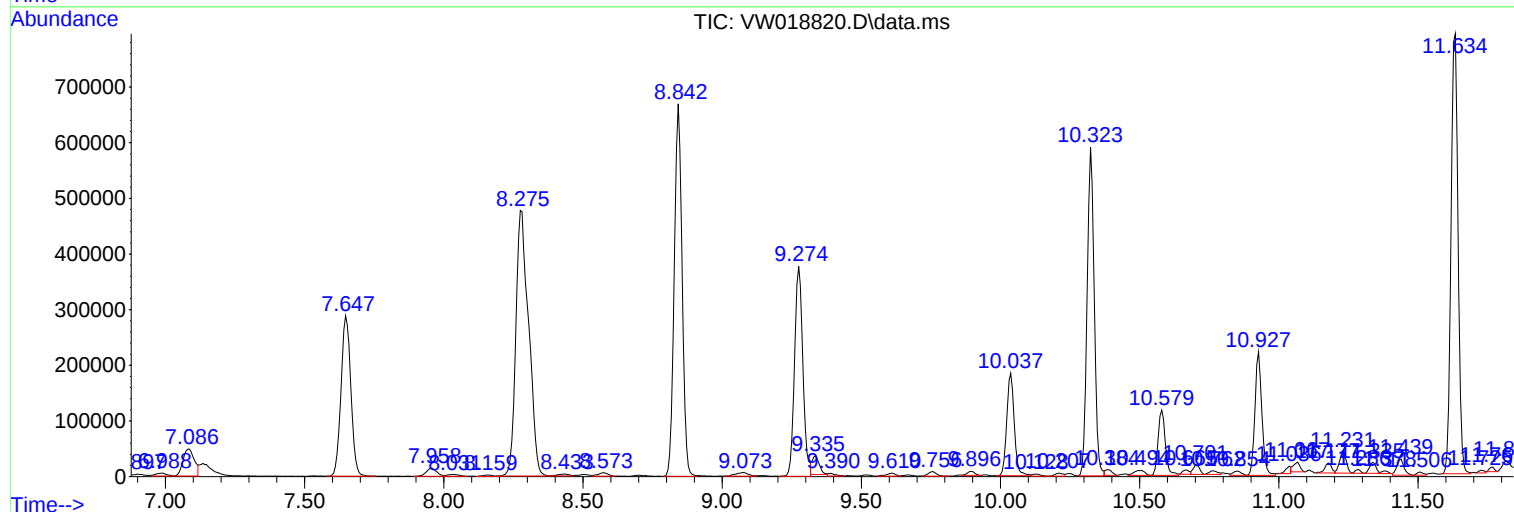
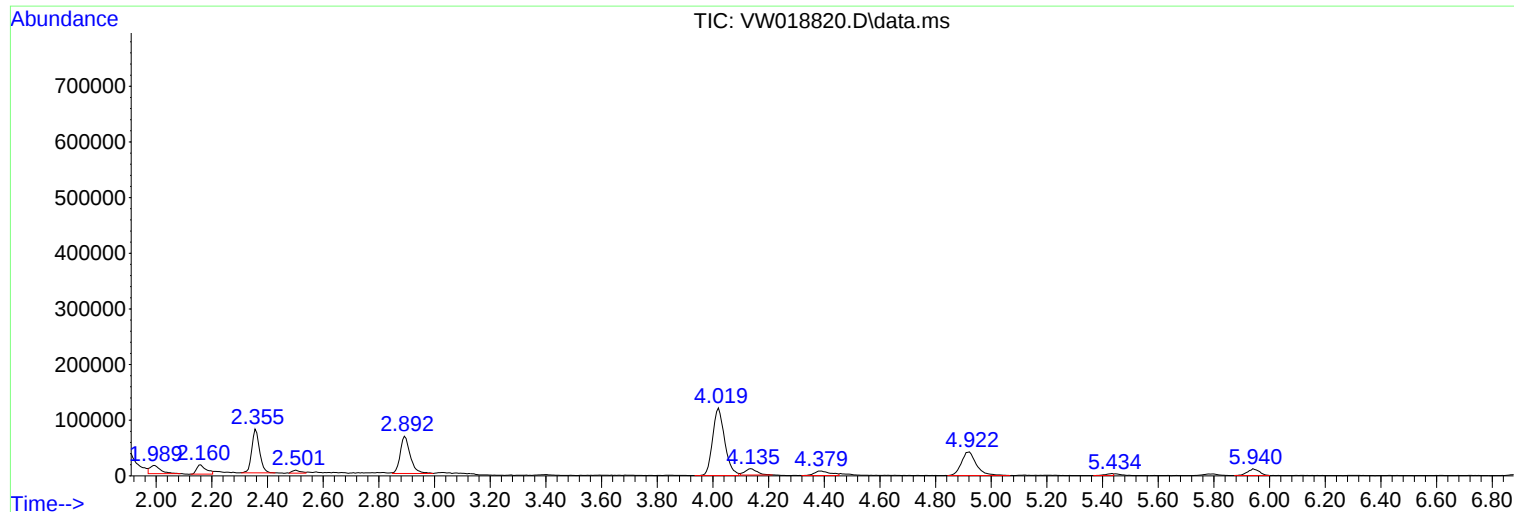
Sum of corrected areas: 18739567

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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



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Sample : M2177-04
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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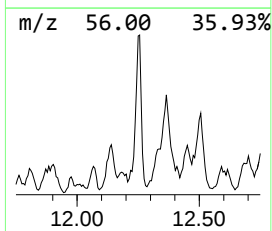
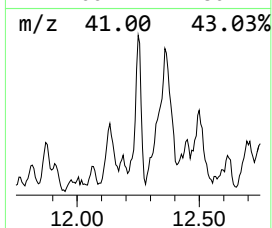
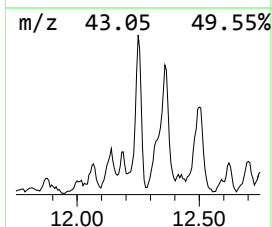
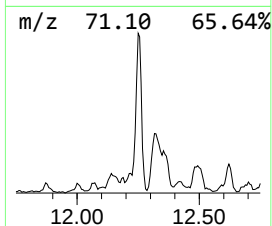
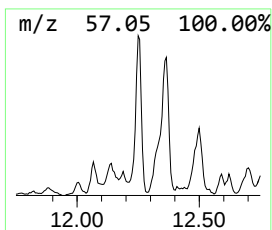
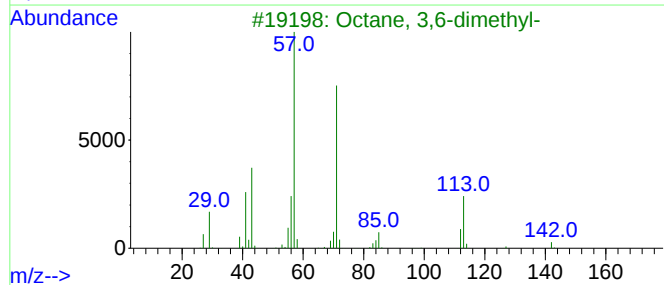
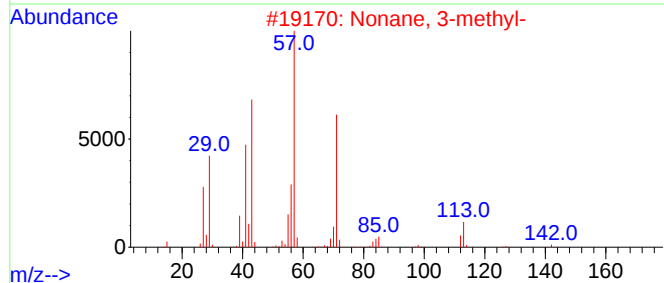
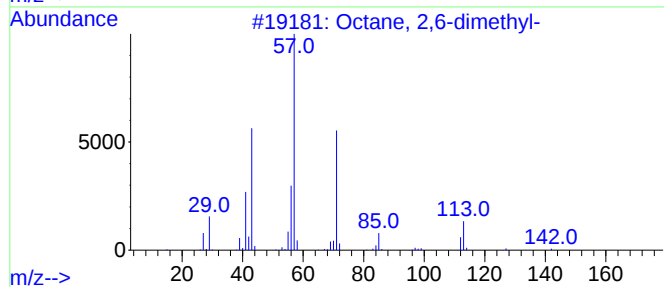
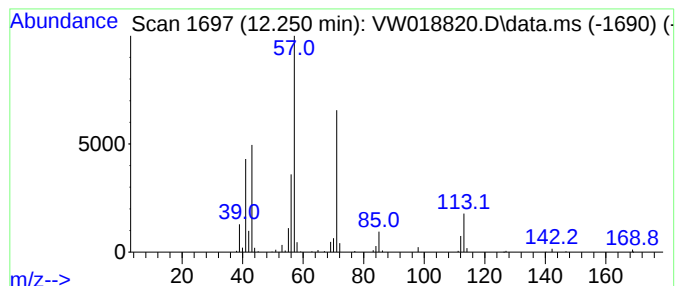
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.250	3.33 ug/L	184480	Chlorobenzene-d5		11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	93	
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	91	
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90	
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90	
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87	



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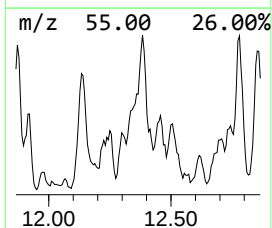
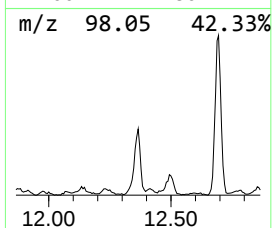
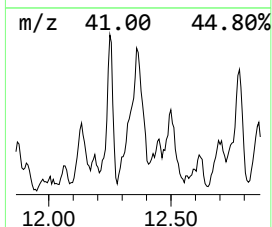
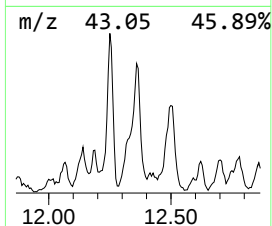
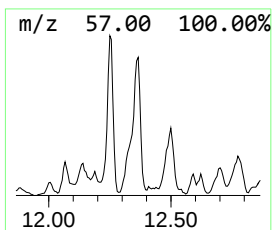
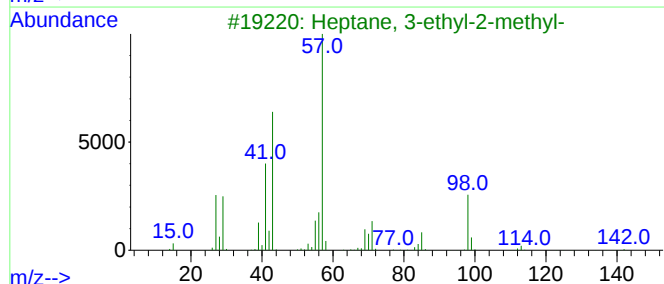
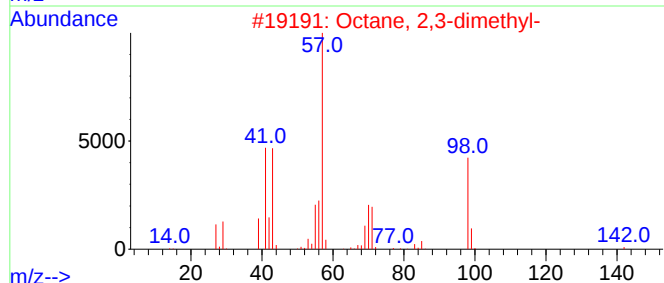
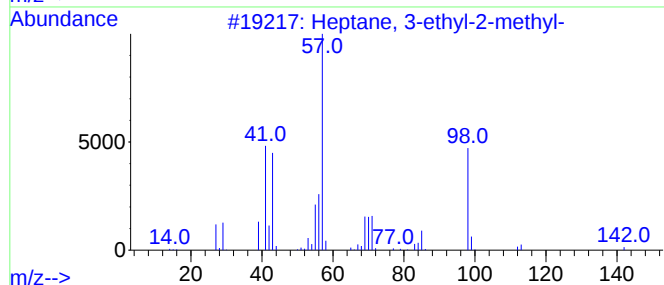
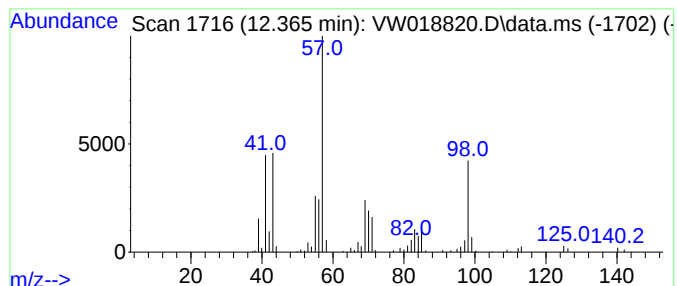
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.365	7.59 ug/L	419930	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	68
3	Heptane, 3-ethyl-2-methyl-		142	C10H22	014676-29-0	64
4	Undecane, 6-methyl-		170	C12H26	017302-33-9	53
5	Heptane, 3-ethyl-		128	C9H20	015869-80-4	50



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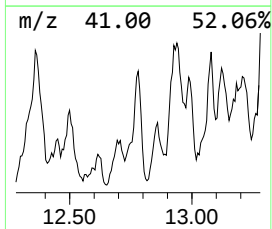
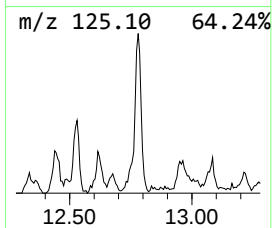
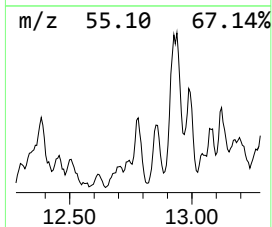
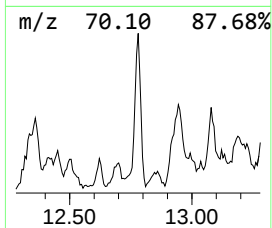
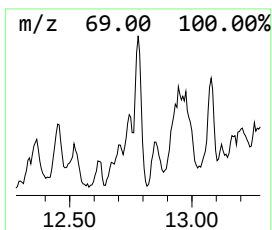
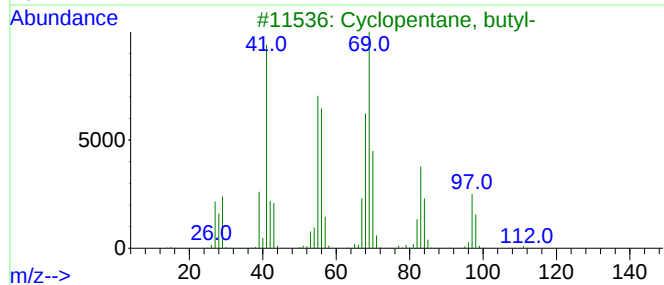
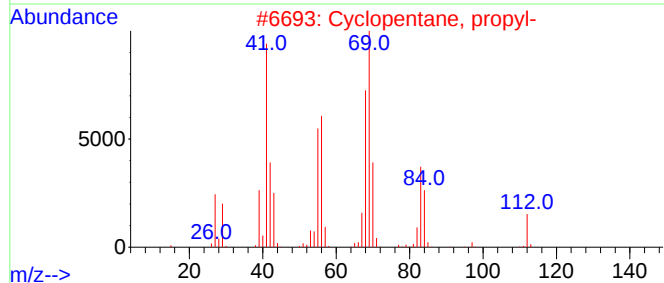
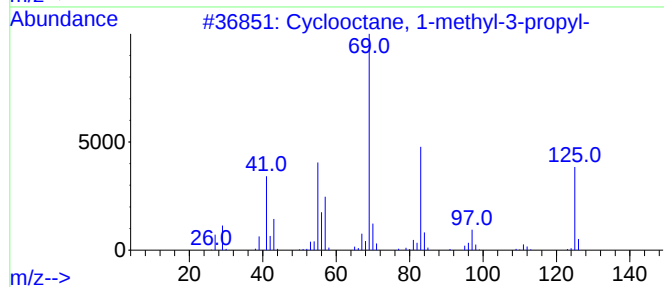
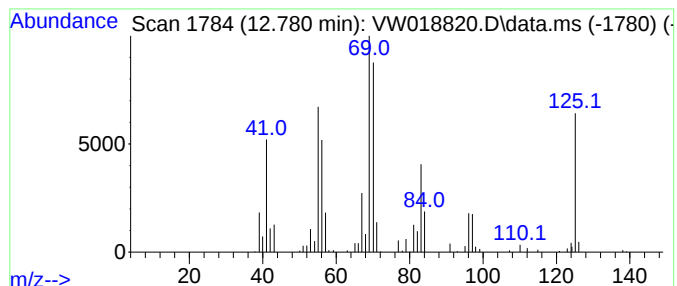
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Cyclic12.780 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.780	4.50 ug/L	206495	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	47
2			Cyclopentane, propyl-	112	C8H16	002040-96-2	47
3			Cyclopentane, butyl-	126	C9H18	002040-95-1	43
4			1-Octene, 6-methyl-	126	C9H18	013151-10-5	43
5			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018820.D
Acq On : 28 Apr 2021 15:08
Operator : SY/VA
Sample : M2177-04
Misc : 5.57G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG581

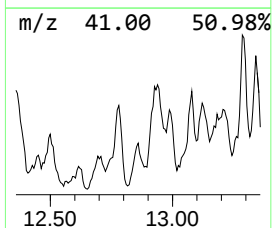
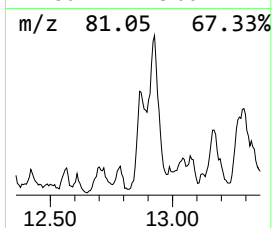
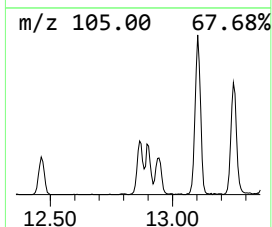
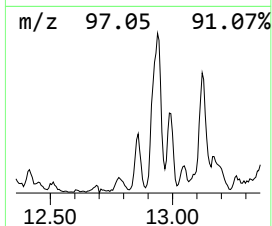
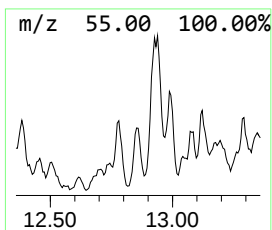
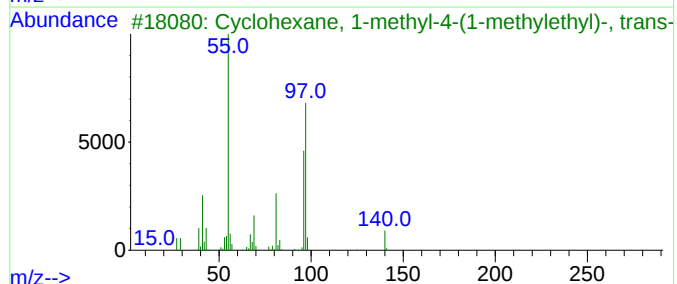
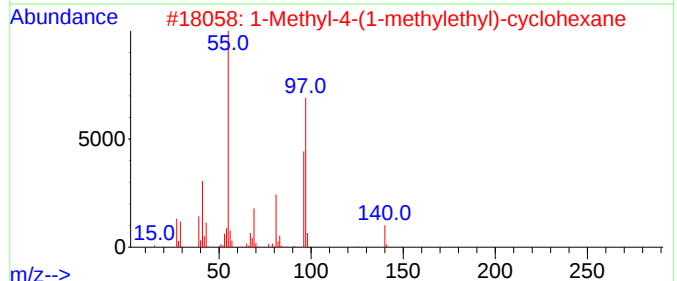
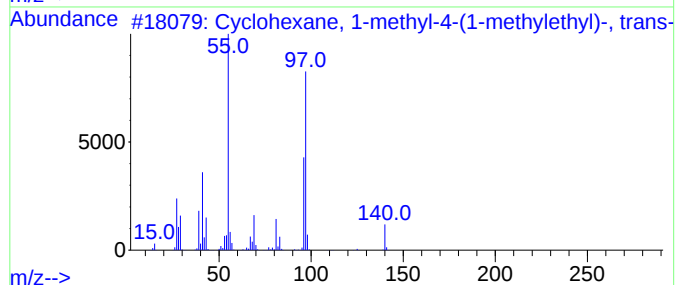
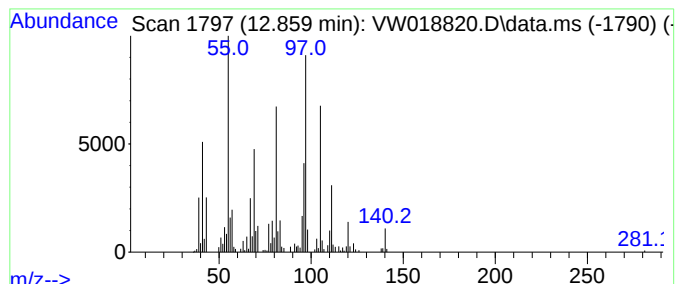
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Cyclic12.859 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.859	3.85 ug/L	176658	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	62
2			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	62
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	62
4			Trans-1-methyl-2-nonyl-cyclohexane	224	C16H32	1000371-47-8	59
5			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018820.D
Acq On : 28 Apr 2021 15:08
Operator : SY/VA
Sample : M2177-04
Misc : 5.57G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG581

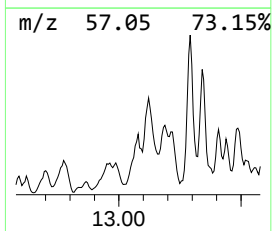
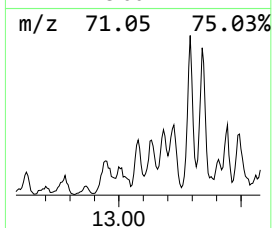
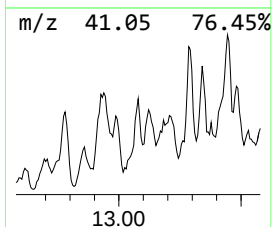
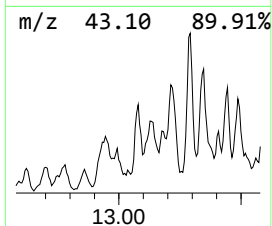
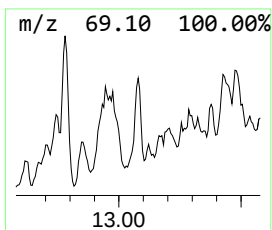
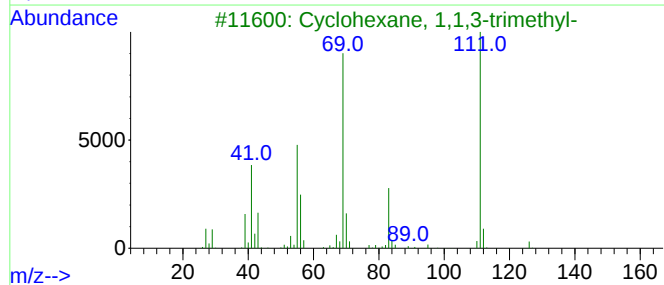
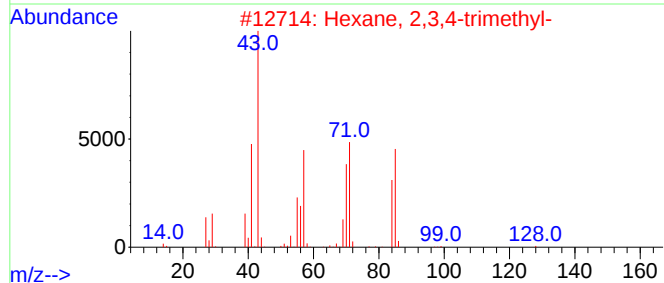
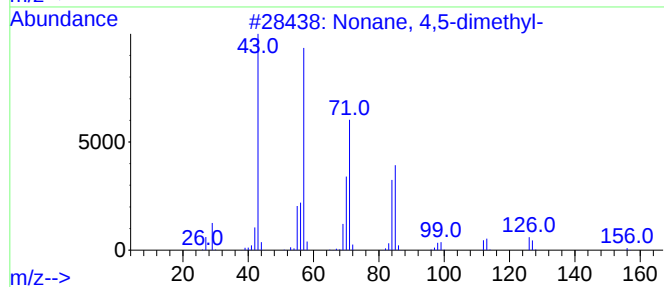
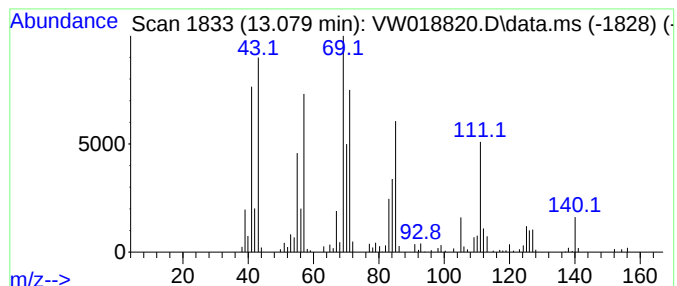
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.079	3.11 ug/L	142457	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	46
2			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	41
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	27
4			Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	25
5			2H-Pyran-2-one, 4-hydroxy-6-methyl-	126	C6H6O3	000675-10-5	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018820.D
Acq On : 28 Apr 2021 15:08
Operator : SY/VA
Sample : M2177-04
Misc : 5.57G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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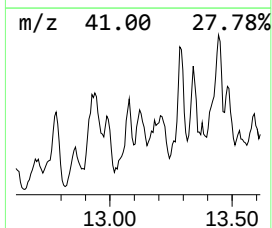
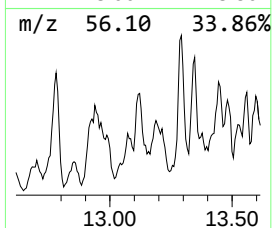
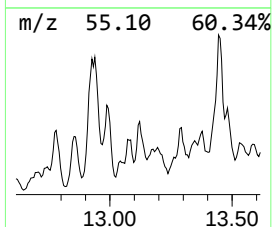
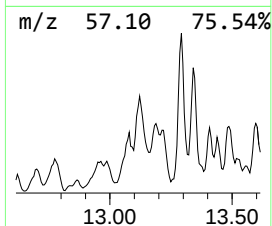
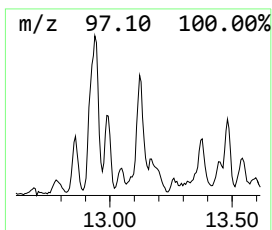
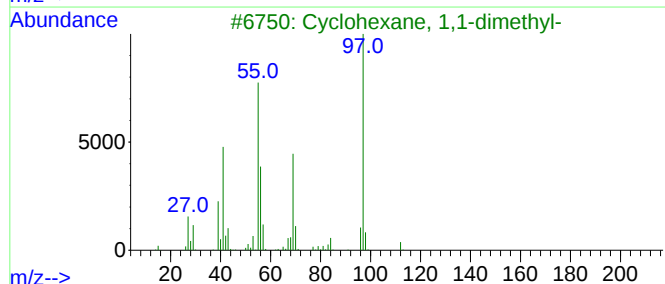
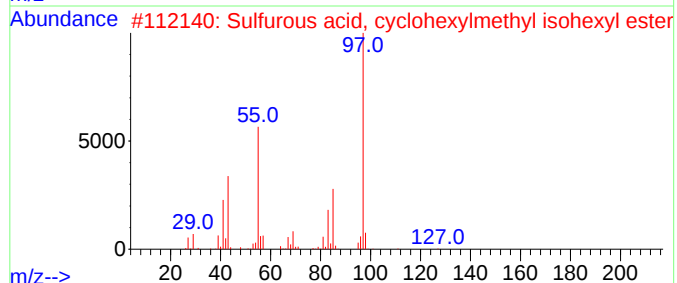
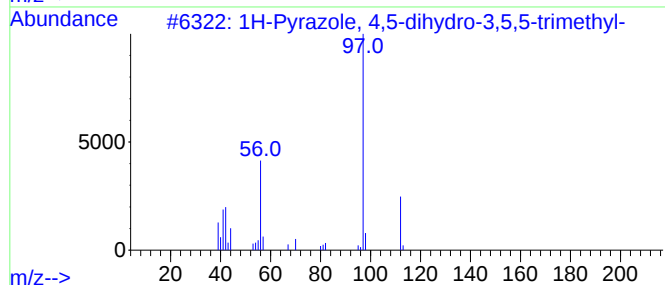
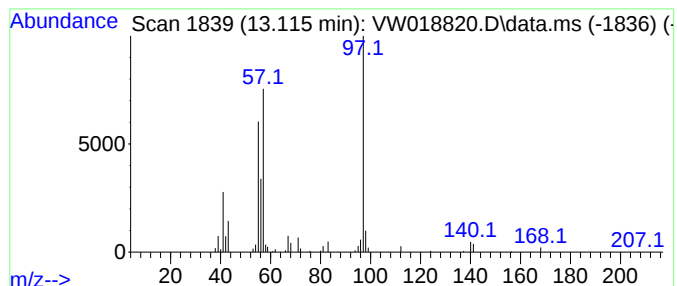
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Quant Title : SFAM01.0

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

Peak Number 8 1H-Pyrazole, 4,5-dihydro-3,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.115	2.42 ug/L	110738	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Pyrazole, 4,5-dihydro-3,5,5-t...	112	C6H12N2	003975-85-7	59
2			Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	53
3			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	43
4			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	43
5			Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018820.D
Acq On : 28 Apr 2021 15:08
Operator : SY/VA
Sample : M2177-04
Misc : 5.57G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

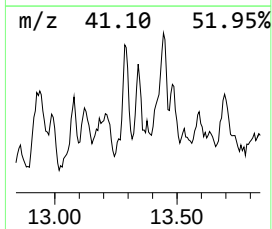
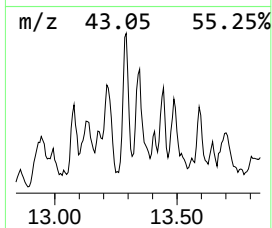
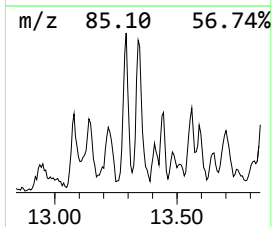
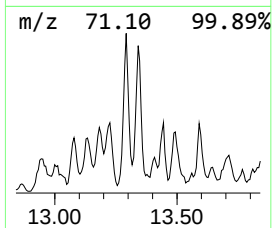
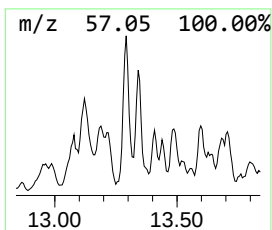
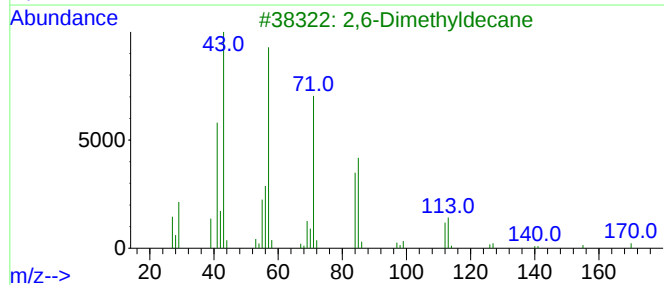
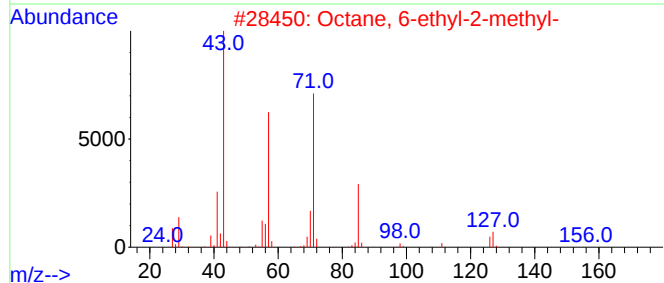
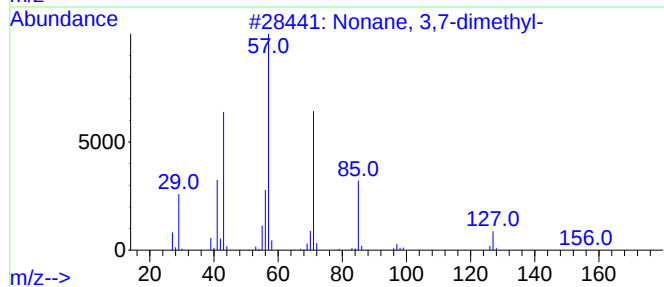
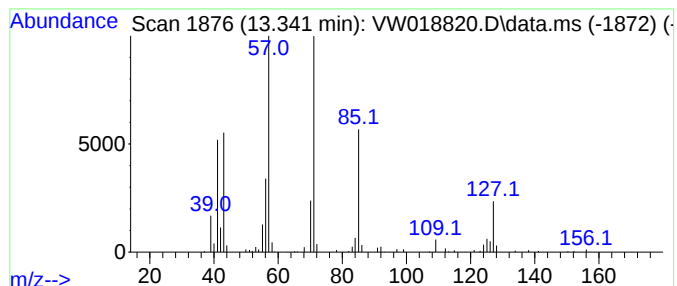
Instrument :
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ClientSampleId :
BG581

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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 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.341	3.05 ug/L	139947	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	90
2	Octane, 6-ethyl-2-methyl-		156	C11H24	062016-19-7	72
3	2,6-Dimethyldecane		170	C12H26	013150-81-7	59
4	Decane, 3-methyl-		156	C11H24	013151-34-3	53
5	Sulfurous acid, nonyl 2-propyl e...		250	C12H26O3S	1000309-12-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018820.D
Acq On : 28 Apr 2021 15:08
Operator : SY/VA
Sample : M2177-04
Misc : 5.57G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG581

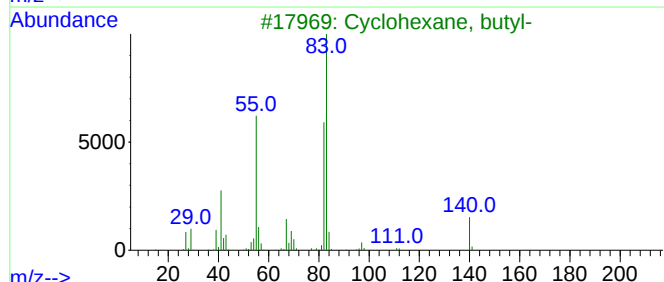
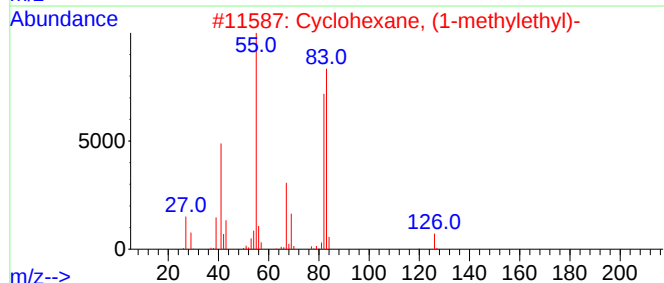
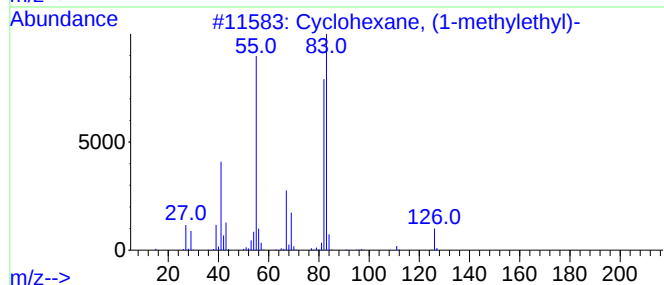
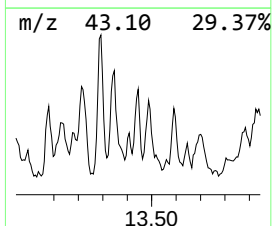
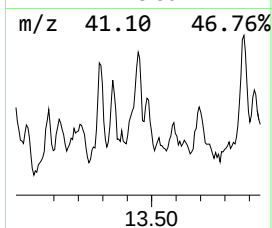
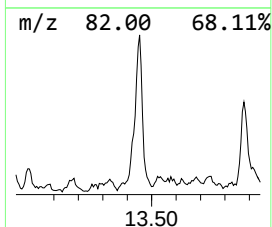
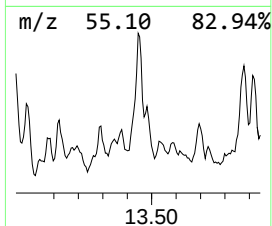
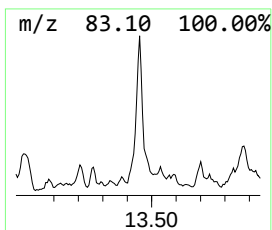
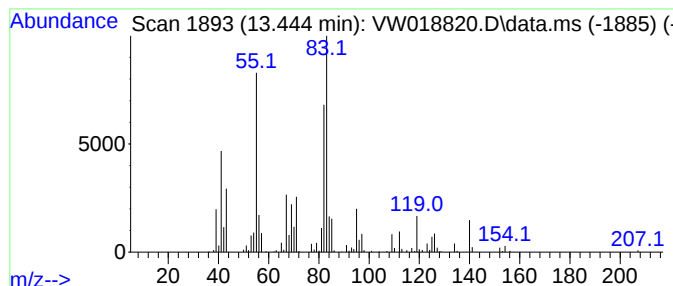
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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Cyclic13.445 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.445	8.59 ug/L	393878	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	60
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	60
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	58
4			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
5			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018820.D
Acq On : 28 Apr 2021 15:08
Operator : SY/VA
Sample : M2177-04
Misc : 5.57G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG581

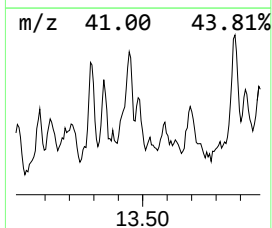
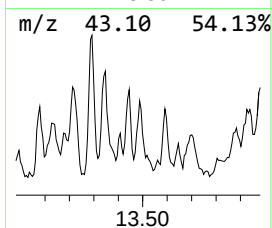
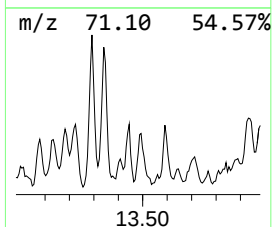
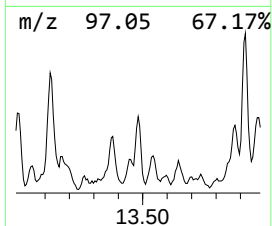
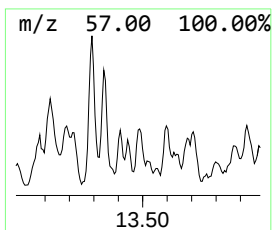
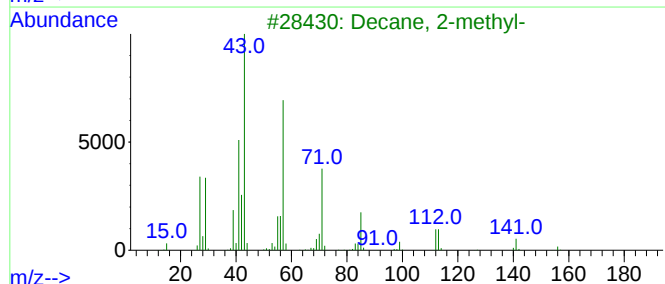
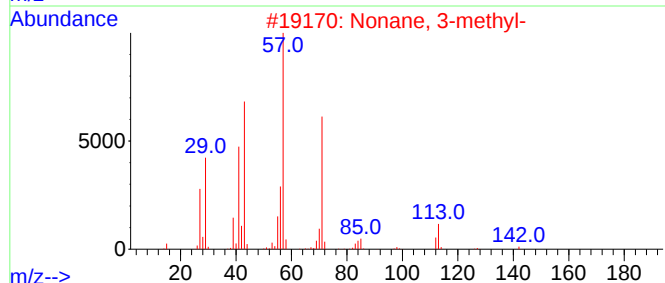
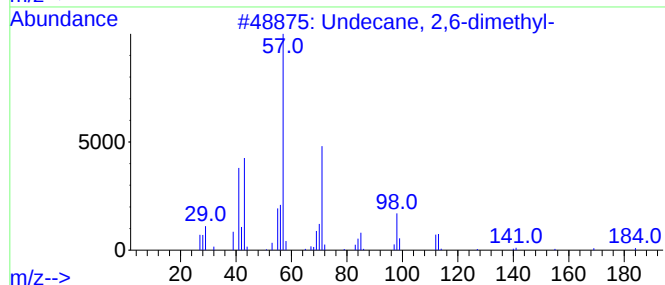
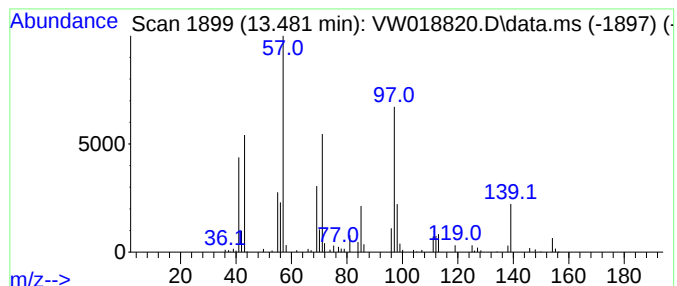
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.481	2.31 ug/L	106002	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	38
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	35
3		Decane, 2-methyl-	156	C11H24	006975-98-0	27
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	27
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018820.D
Acq On : 28 Apr 2021 15:08
Operator : SY/VA
Sample : M2177-04
Misc : 5.57G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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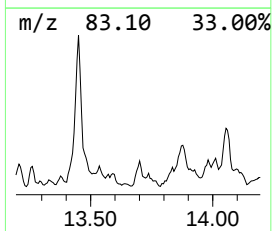
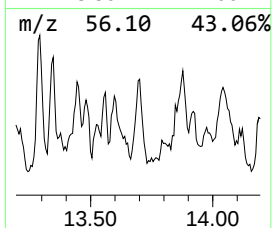
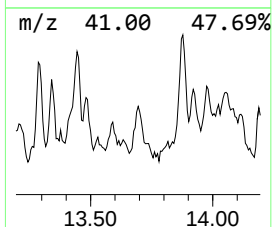
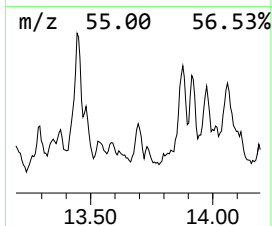
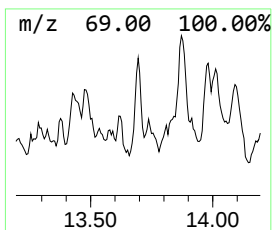
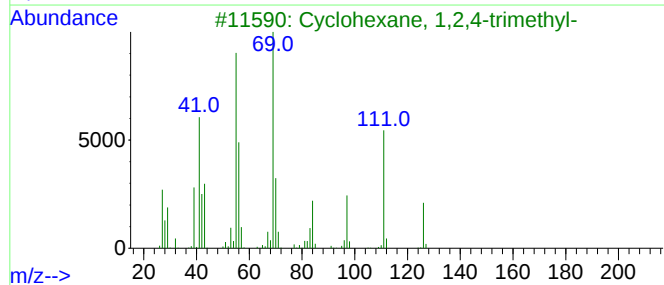
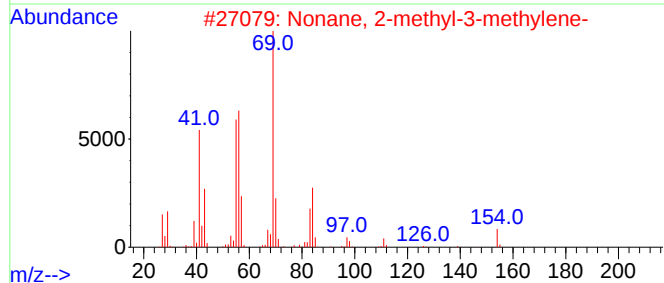
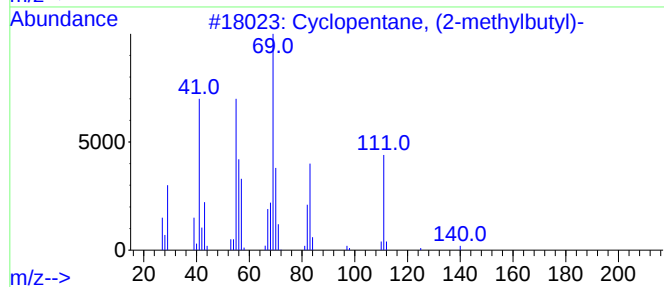
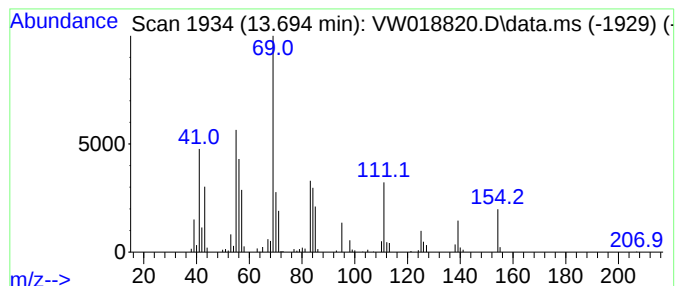
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Cyclic13.695 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.695	2.90 ug/L	133147	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	64
2			Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	53
3			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	50
4			2-Undecene, 4-methyl-	168	C12H24	091695-32-8	47
5			5-Undecene, 4-methyl-	168	C12H24	143185-91-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018820.D
Acq On : 28 Apr 2021 15:08
Operator : SY/VA
Sample : M2177-04
Misc : 5.57G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG581

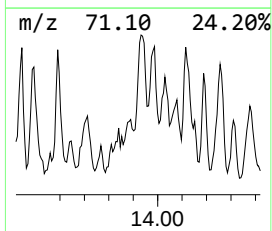
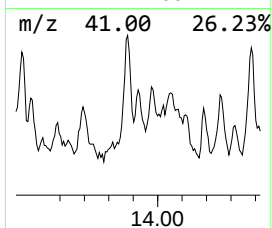
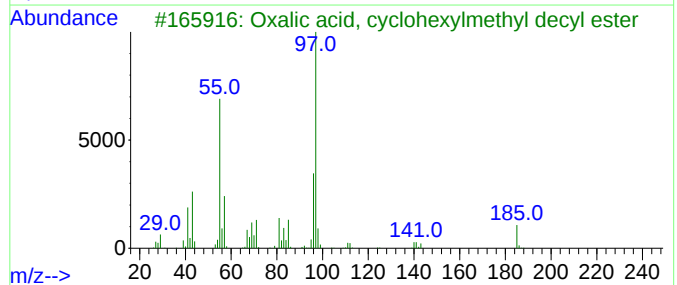
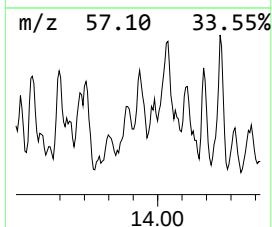
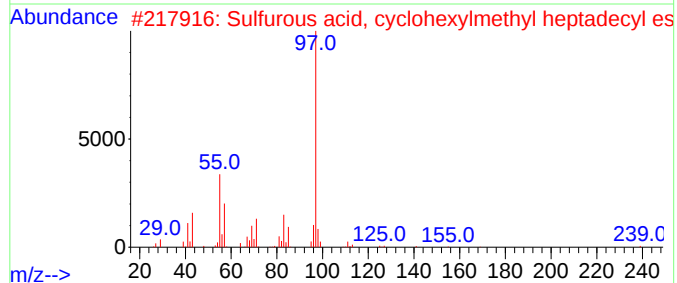
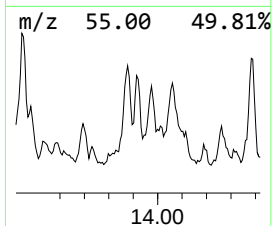
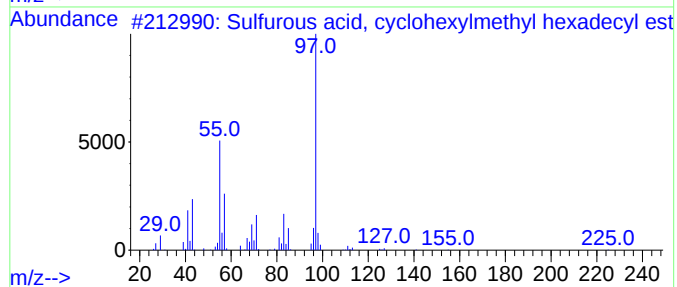
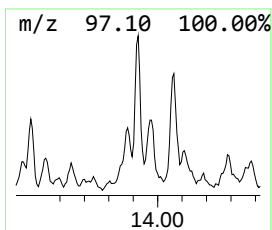
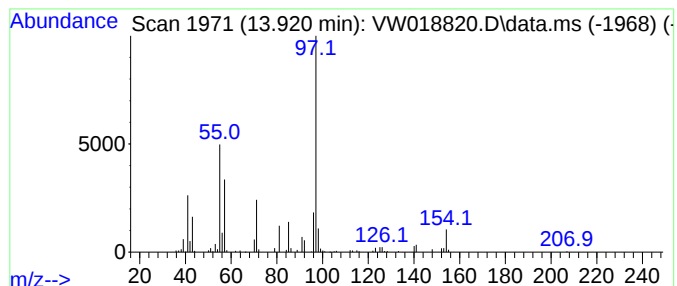
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Quant Title : SFAM01.0

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

Peak Number 13 Sulfurous acid, cyclohexylm... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.920	1.93 ug/L	88343	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	64
2			Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	64
3			Oxalic acid, cyclohexylmethyl de...	326	C19H34O4	1000309-68-7	64
4			Sulfurous acid, cyclohexylmethyl...	276	C14H28O3S	1000309-21-7	53
5			Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018820.D
Acq On : 28 Apr 2021 15:08
Operator : SY/VA
Sample : M2177-04
Misc : 5.57G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

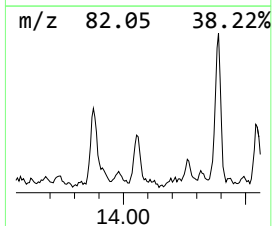
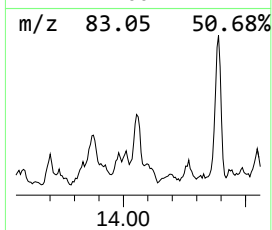
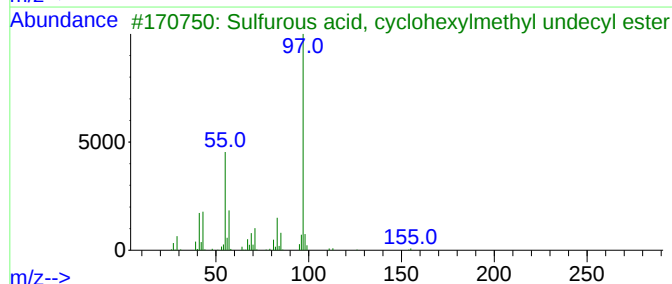
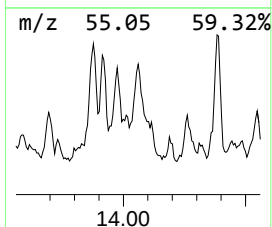
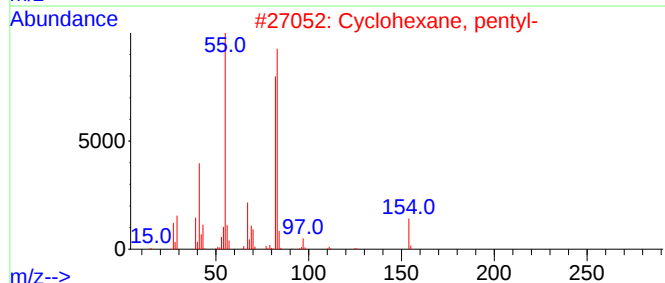
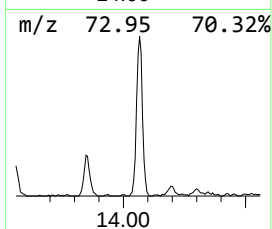
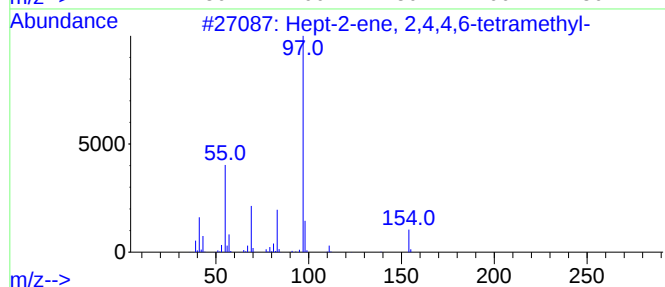
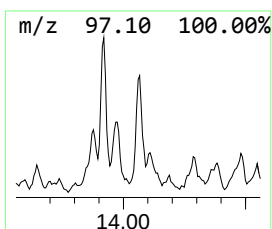
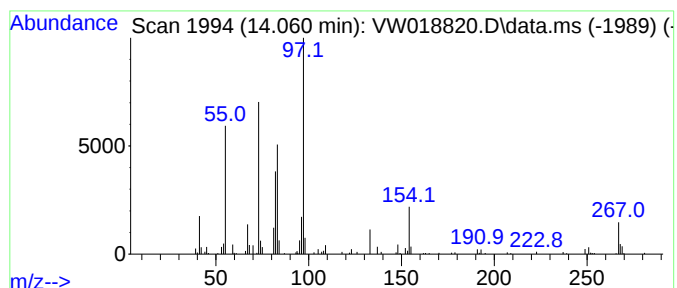
Instrument :
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ClientSampleId :
BG581

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Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.060	2.07 ug/L	95021	1,4-Dichlorobenzene-d4	13.560	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hept-2-ene, 2,4,4,6-tetramethyl-	154	C11H22	103982-58-7	38
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	35
3	Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	35
4	Hexane, 1,6-dicyclohexyl-	250	C18H34	001610-23-7	27
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018820.D
Acq On : 28 Apr 2021 15:08
Operator : SY/VA
Sample : M2177-04
Misc : 5.57G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG581

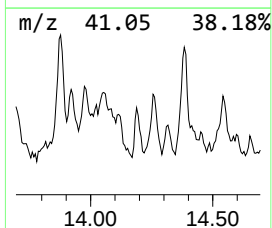
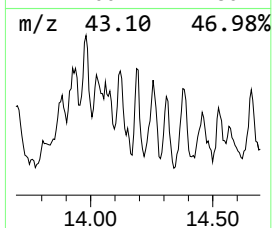
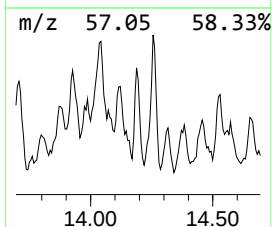
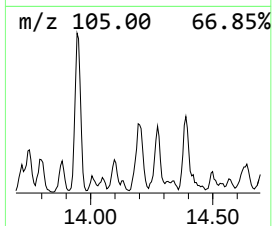
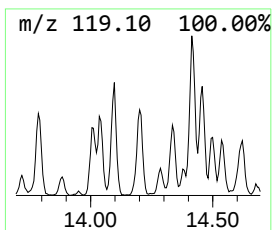
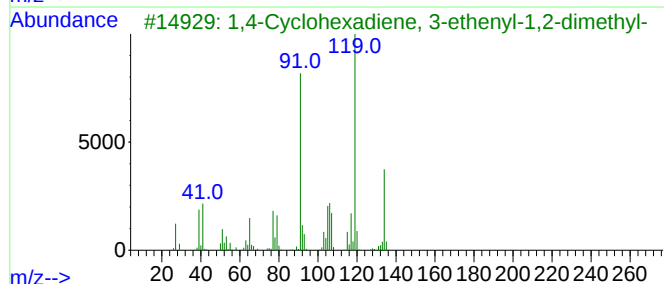
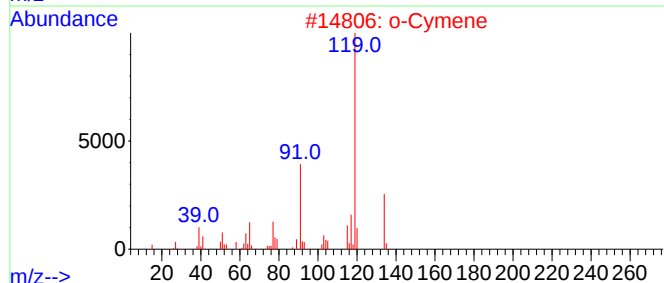
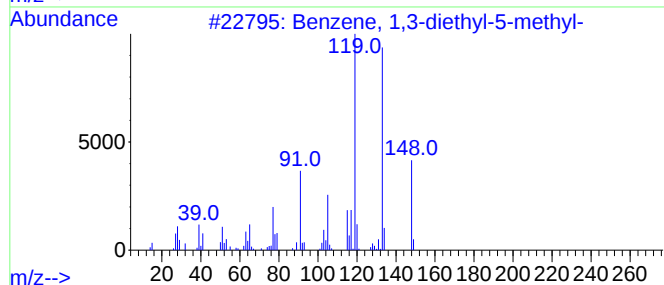
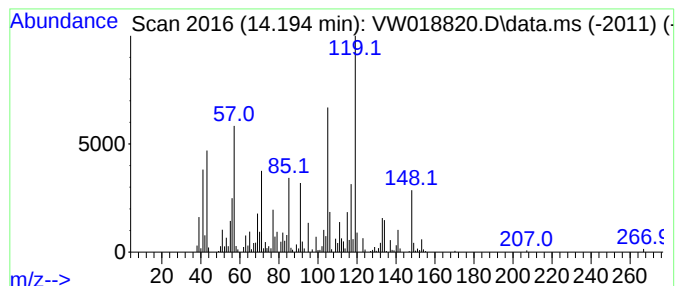
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Quant Title : SFAM01.0

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

Peak Number 15 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.194	4.77 ug/L	218695	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	64
2			o-Cymene	134	C10H14	000527-84-4	49
3			1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	47
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	46
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018820.D
Acq On : 28 Apr 2021 15:08
Operator : SY/VA
Sample : M2177-04
Misc : 5.57G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG581

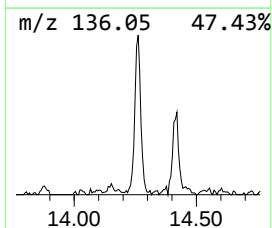
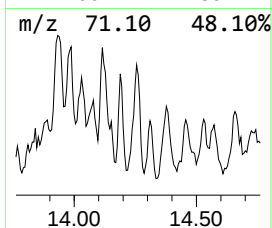
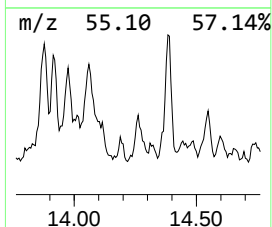
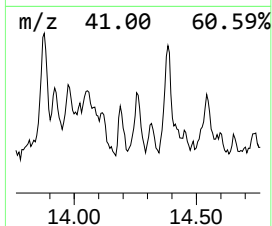
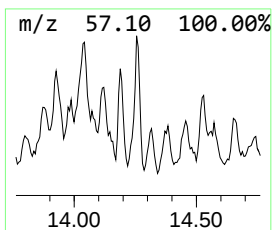
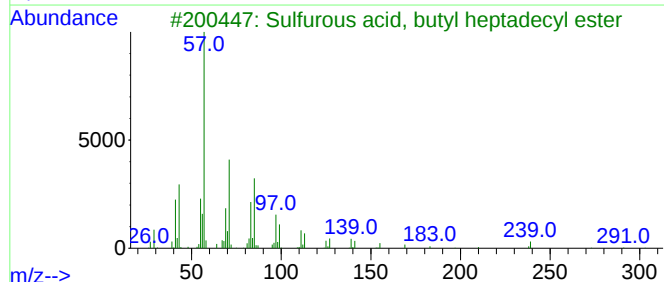
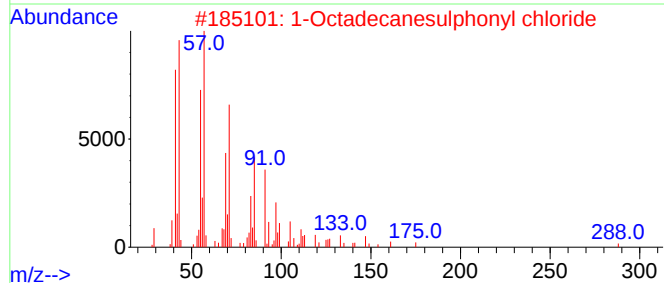
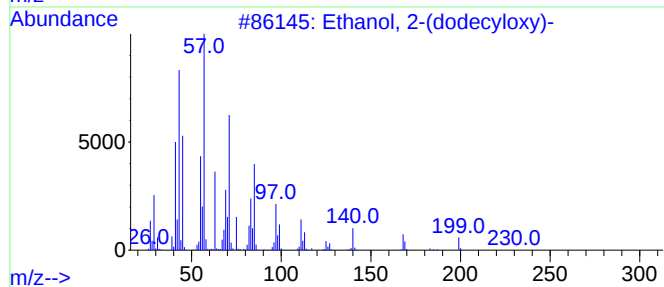
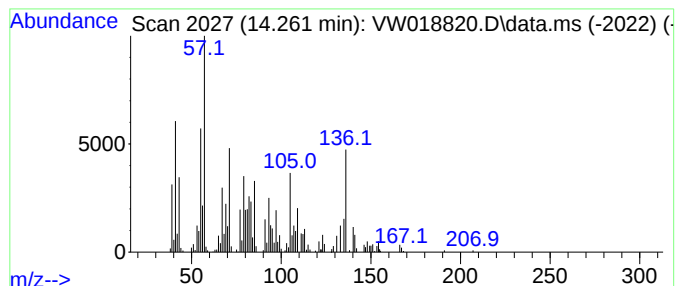
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Quant Title : SFAM01.0

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

Peak Number 16 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.261	4.23 ug/L	193941	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	38
2			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	35
3			Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	35
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	35
5			Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018820.D
Acq On : 28 Apr 2021 15:08
Operator : SY/VA
Sample : M2177-04
Misc : 5.57G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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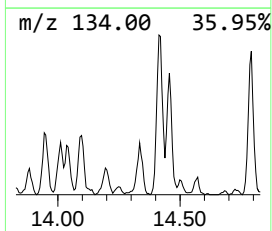
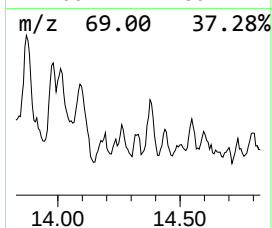
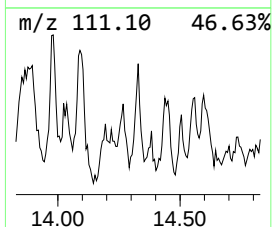
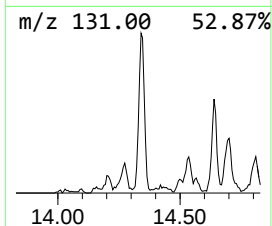
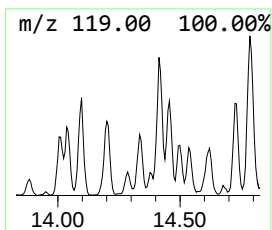
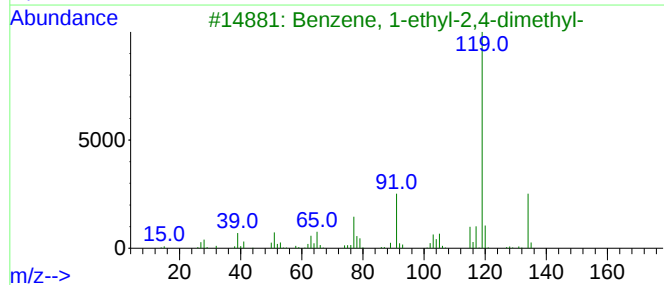
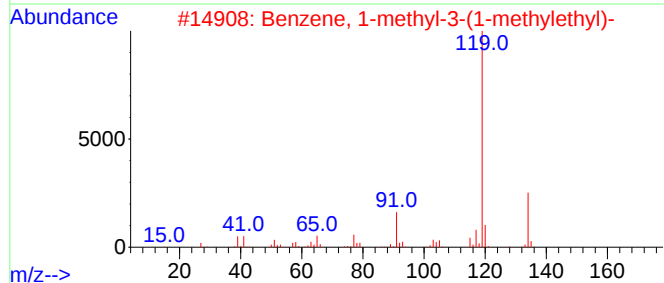
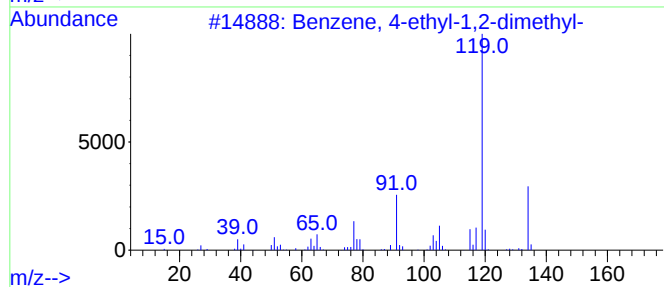
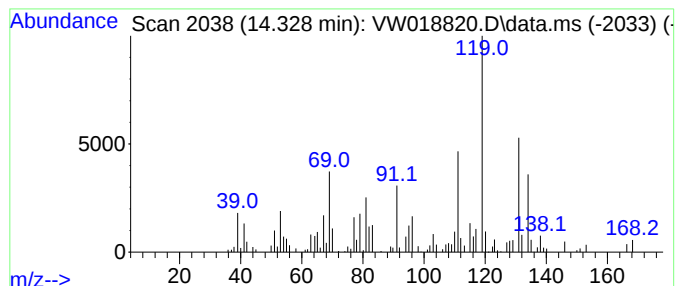
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Quant Title : SFAM01.0

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

Peak Number 17 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.329	2.32 ug/L	106143	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	50
2			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	50
3			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	50
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	50
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018820.D
Acq On : 28 Apr 2021 15:08
Operator : SY/VA
Sample : M2177-04
Misc : 5.57G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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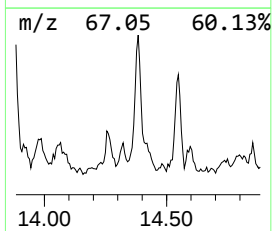
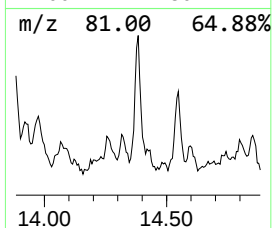
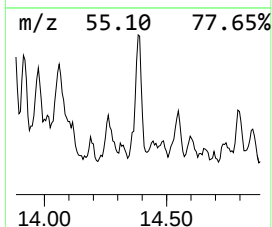
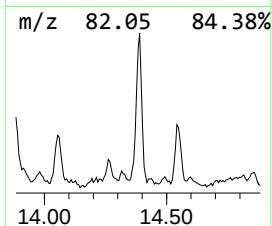
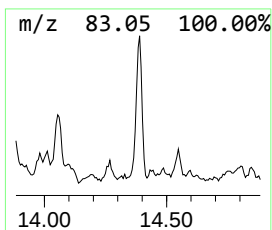
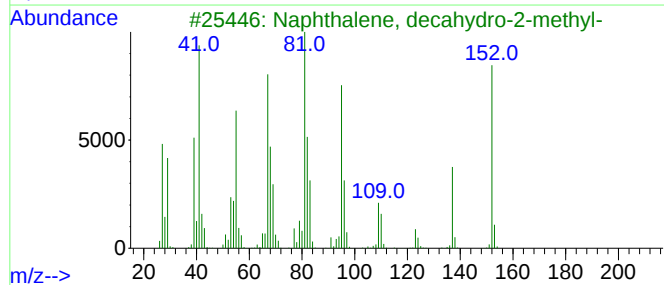
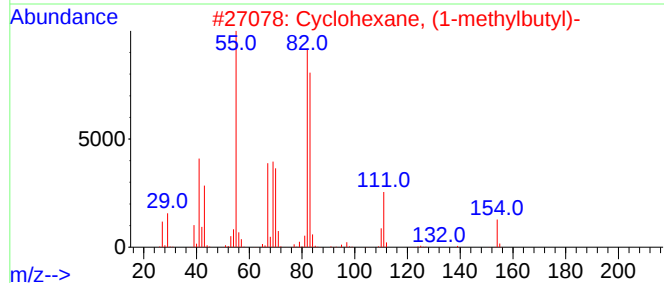
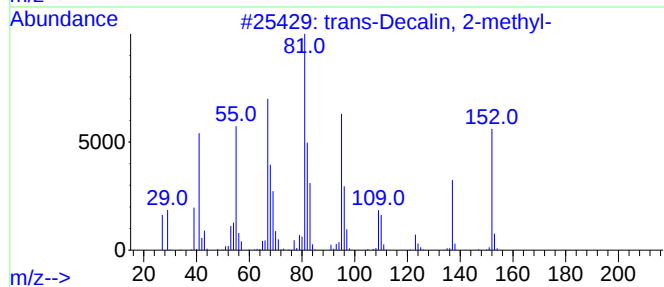
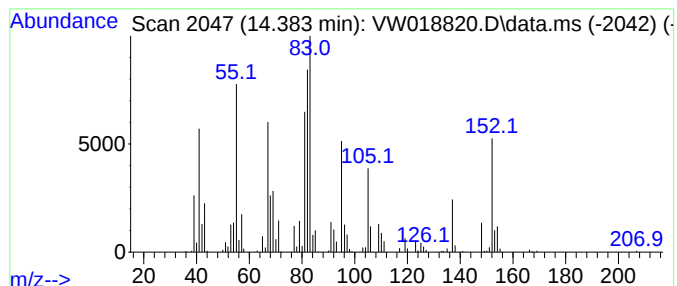
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Quant Title : SFAM01.0

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

Peak Number 18 trans-Decalin, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.383	7.04 ug/L	322965	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	70
2			Cyclohexane, (1-methylbutyl)-	154	C11H22	061208-94-4	46
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	46
4			Furan, 2-hexyl-	152	C10H16O	003777-70-6	46
5			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018820.D
Acq On : 28 Apr 2021 15:08
Operator : SY/VA
Sample : M2177-04
Misc : 5.57G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG581

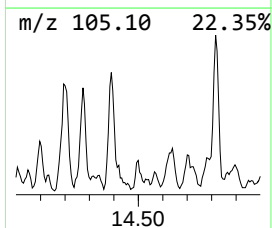
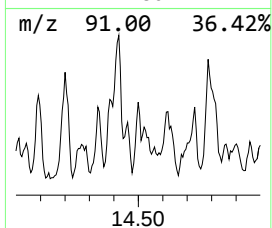
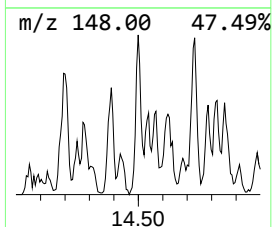
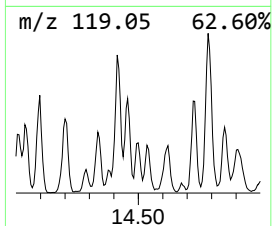
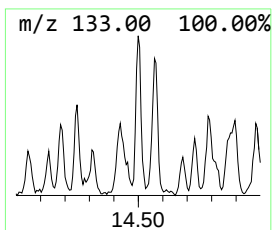
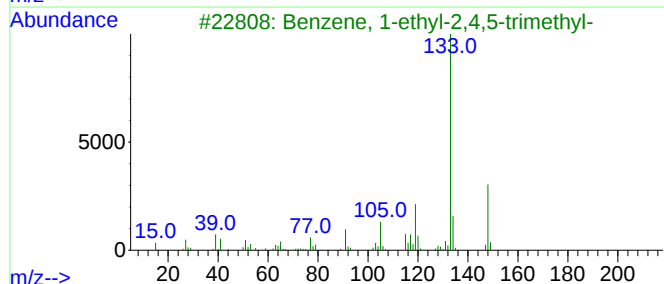
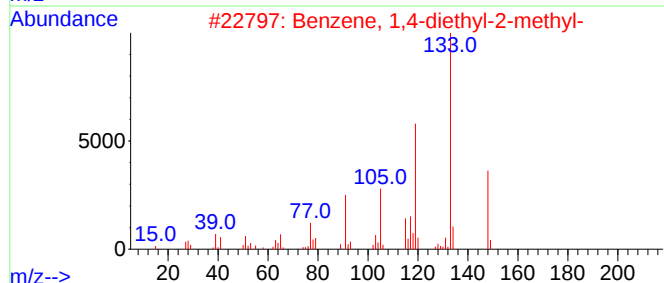
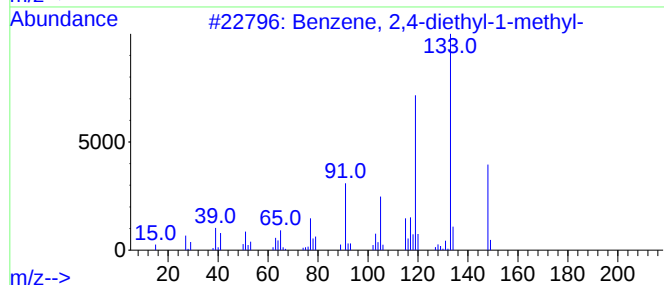
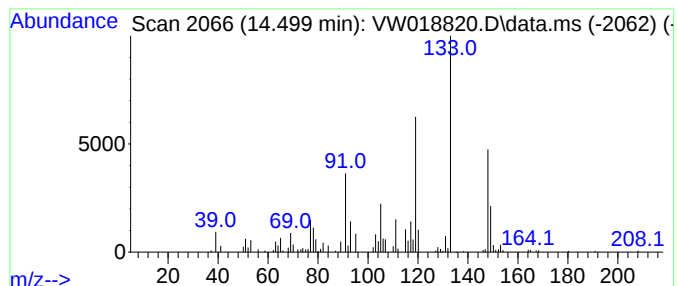
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Quant Title : SFAM01.0

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

Peak Number 19 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.499	1.53 ug/L	70140	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	91
2		Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	87
3		Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	81
4		Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	81
5		Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018820.D
Acq On : 28 Apr 2021 15:08
Operator : SY/VA
Sample : M2177-04
Misc : 5.57G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG581

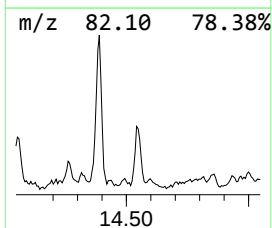
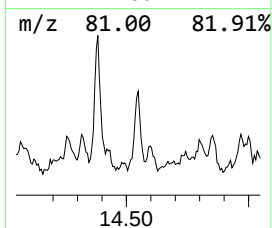
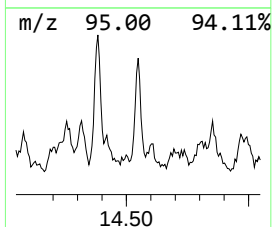
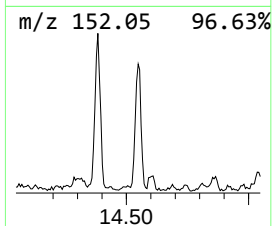
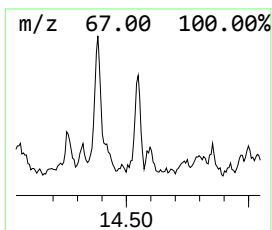
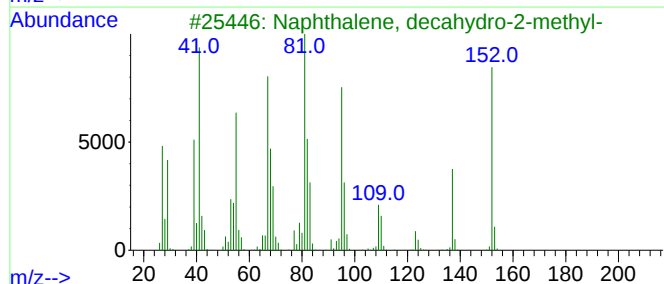
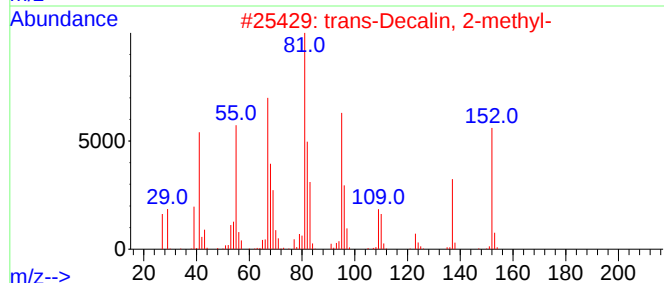
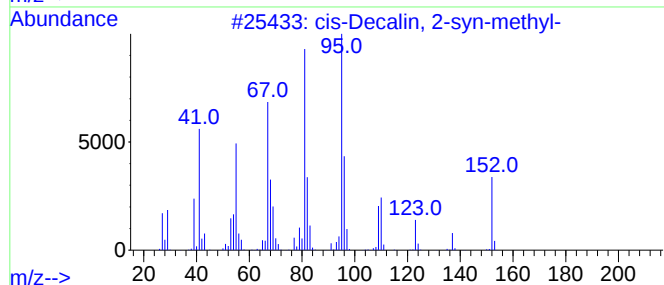
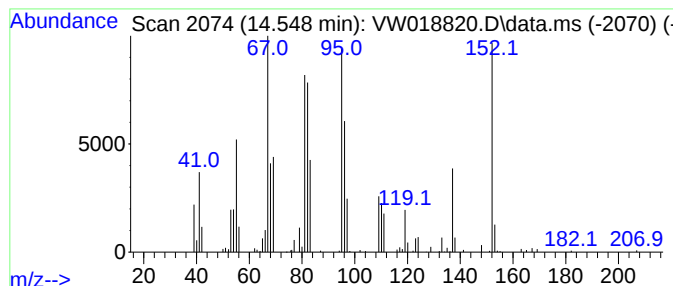
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Quant Title : SFAM01.0

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

Peak Number 20 cis-Decalin, 2-syn-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.548	4.00 ug/L	183150	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	76
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	76
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	70
4			Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	60
5			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018820.D
Acq On : 28 Apr 2021 15:08
Operator : SY/VA
Sample : M2177-04
Misc : 5.57G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG581

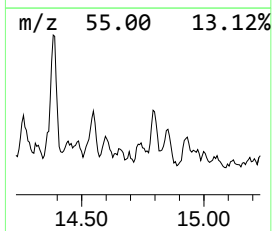
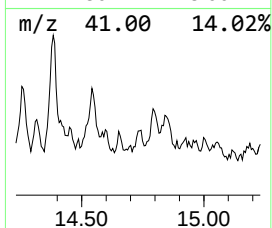
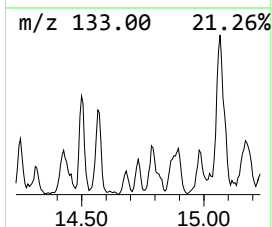
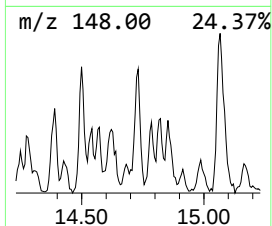
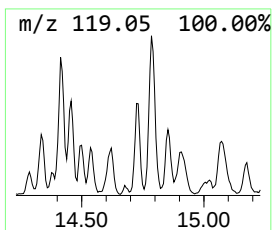
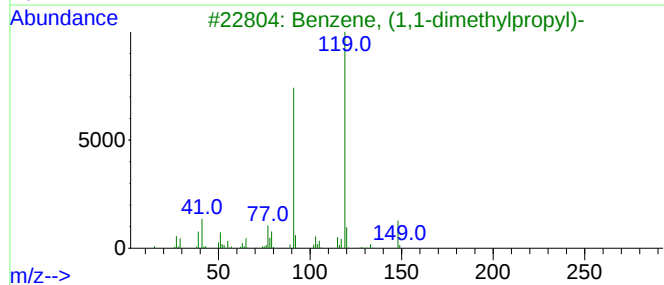
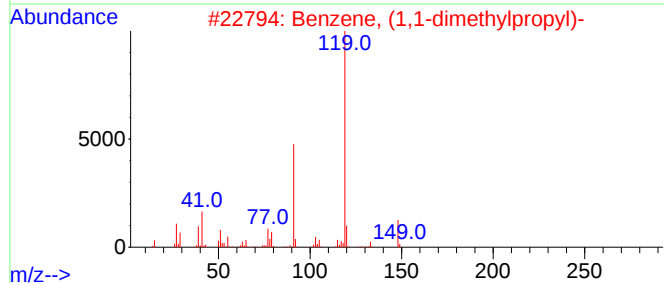
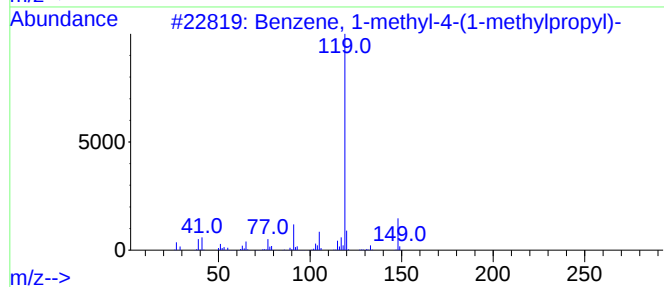
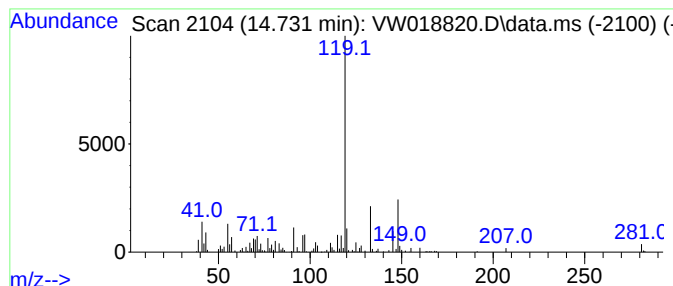
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Quant Title : SFAM01.0

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

Peak Number 21 Benzene, 1-methyl-4-(1-meth... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.731	1.89 ug/L	86851	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	68
2			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	59
3			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	59
4			p-Cymene	134	C10H14	000099-87-6	49
5			Bis[3,4-dimethylbenzyl]sulfone	302	C18H22O2S	034277-83-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018820.D
Acq On : 28 Apr 2021 15:08
Operator : SY/VA
Sample : M2177-04
Misc : 5.57G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG581

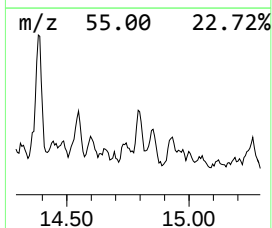
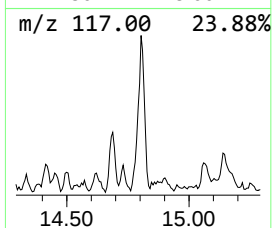
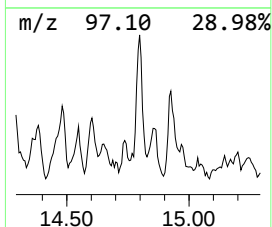
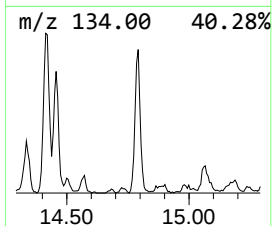
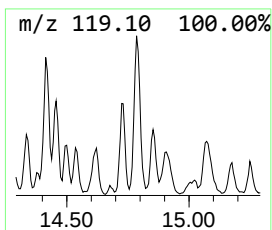
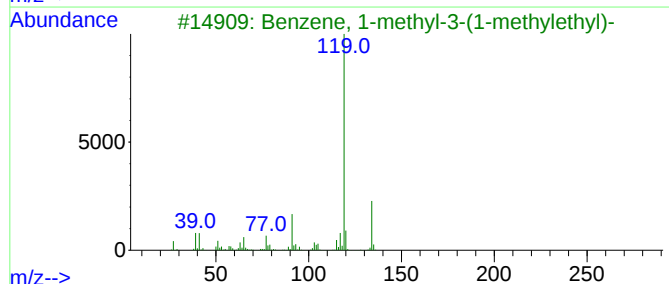
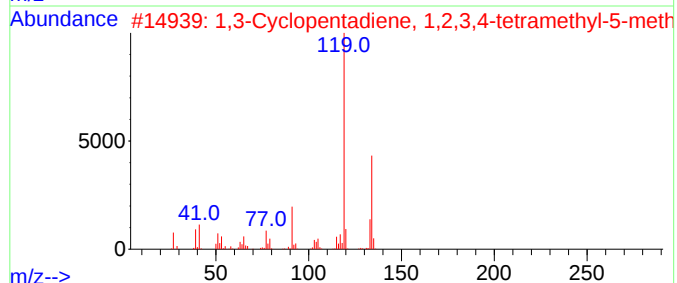
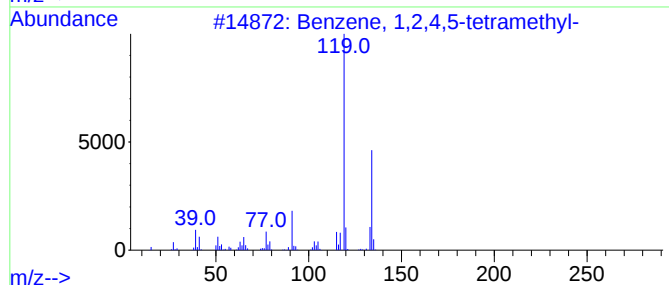
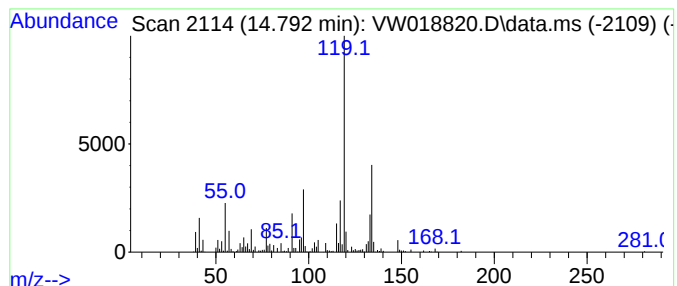
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Quant Title : SFAM01.0

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

Peak Number 22 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	6.71 ug/L	307764	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	76
3			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70
5			o-Cymene	134	C10H14	000527-84-4	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018820.D
Acq On : 28 Apr 2021 15:08
Operator : SY/VA
Sample : M2177-04
Misc : 5.57G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG581

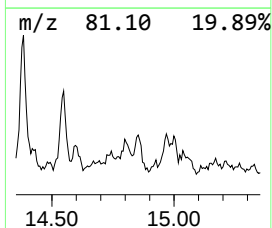
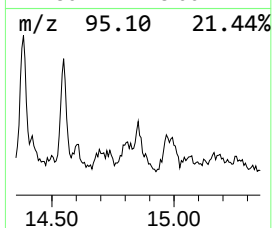
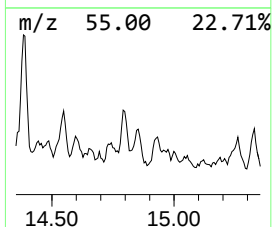
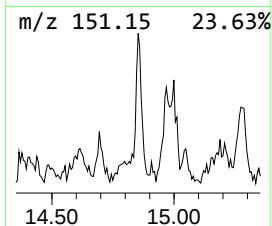
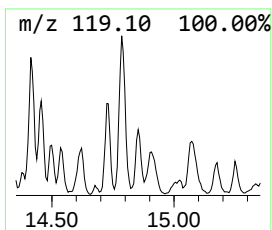
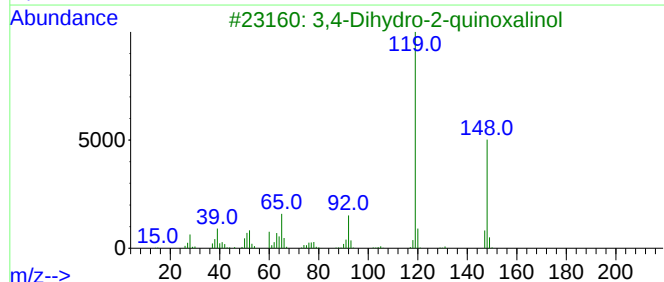
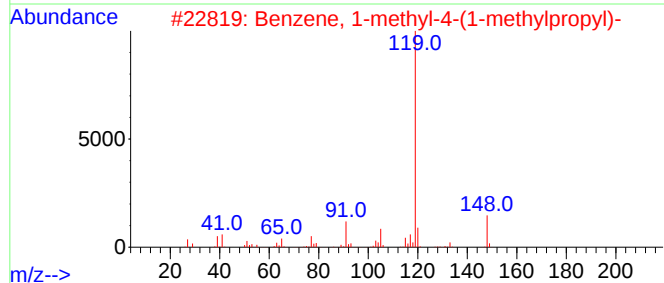
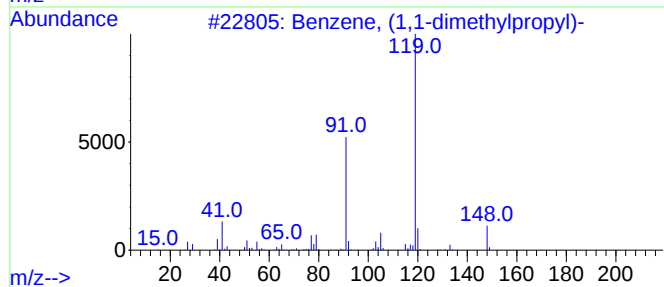
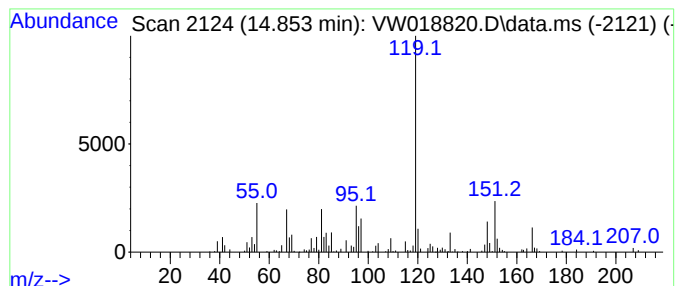
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Quant Title : SFAM01.0

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

Peak Number 23 unknown-02 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.853	2.20 ug/L	100710	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	43
2			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	38
3			3,4-Dihydro-2-quinoxalinol	148	C8H8N2O	1000332-36-8	38
4			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	38
5			2,5-Dimethylbenzyl chloride	154	C9H11Cl	000824-45-3	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018820.D
Acq On : 28 Apr 2021 15:08
Operator : SY/VA
Sample : M2177-04
Misc : 5.57G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG581

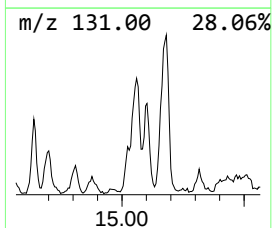
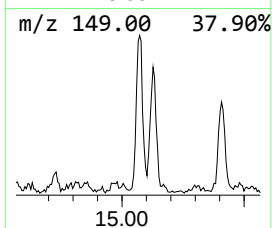
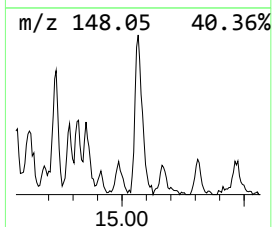
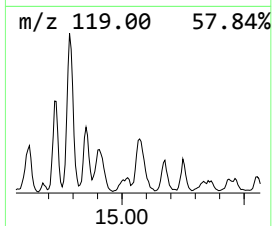
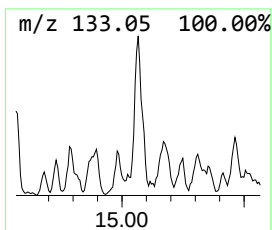
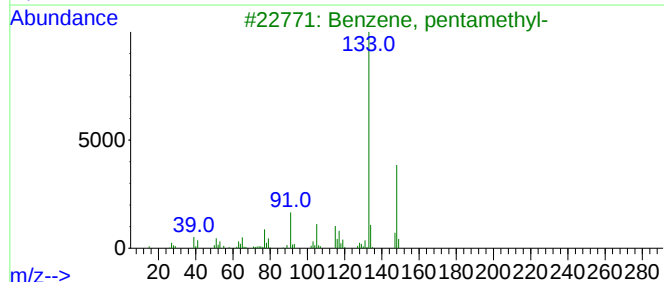
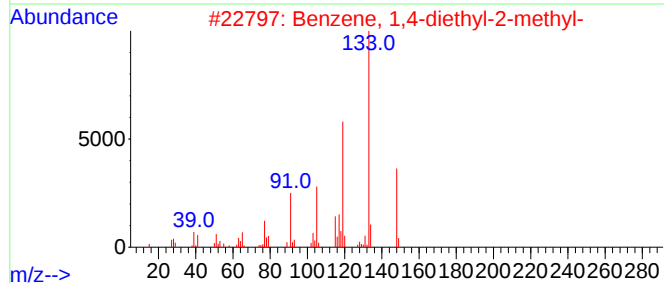
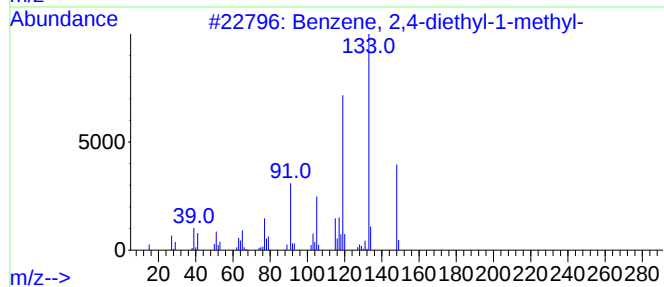
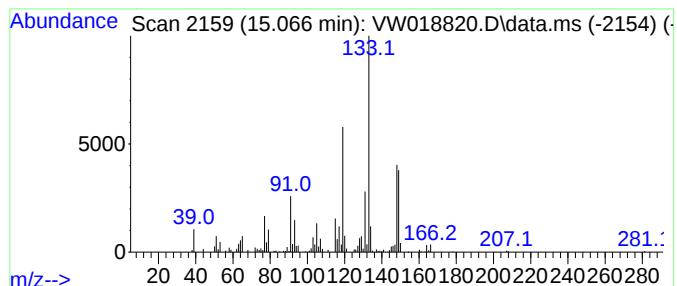
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Quant Title : SFAM01.0

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

Peak Number 24 Benzene, pentamethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.066	2.99 ug/L	136956	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	90
2			Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	76
3			Benzene, pentamethyl-	148	C11H16	000700-12-9	64
4			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	64
5			Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018820.D
Acq On : 28 Apr 2021 15:08
Operator : SY/VA
Sample : M2177-04
Misc : 5.57G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG581

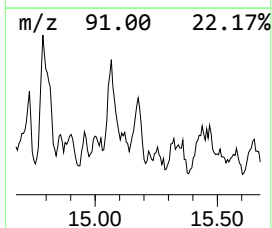
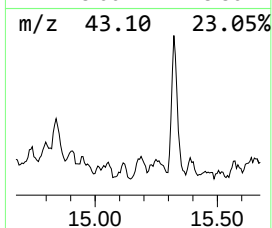
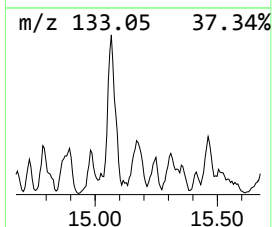
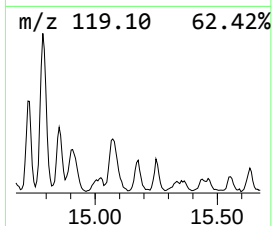
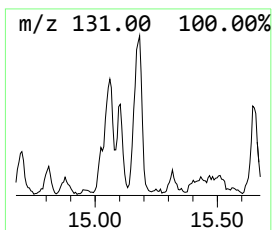
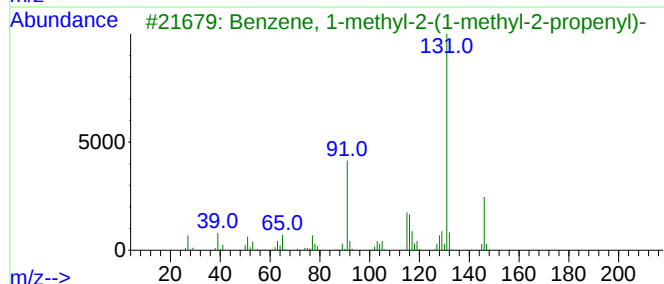
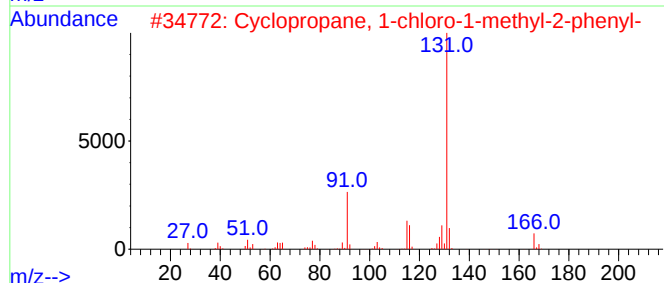
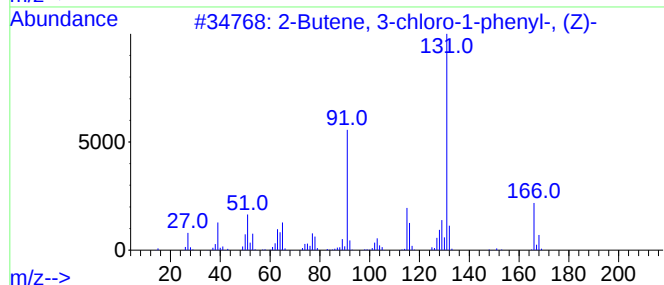
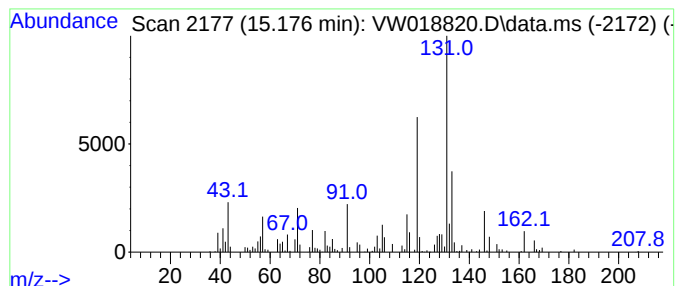
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Quant Title : SFAM01.0

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

Peak Number 25 2-Butene, 3-chloro-1-phenyl... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.176	2.62 ug/L	120305	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Butene, 3-chloro-1-phenyl-, (Z)-	166	C10H11Cl	016608-68-7	50
2			Cyclopropane, 1-chloro-1-methyl-...	166	C10H11Cl	1000161-07-9	43
3			Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	43
4			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	43
5			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018820.D
Acq On : 28 Apr 2021 15:08
Operator : SY/VA
Sample : M2177-04
Misc : 5.57G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG581

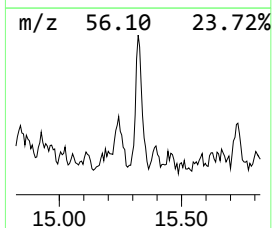
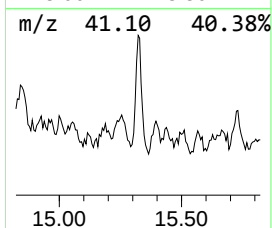
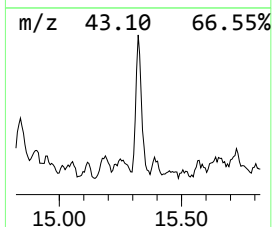
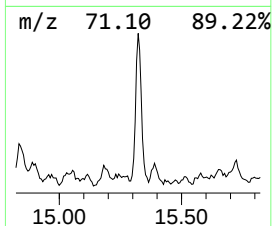
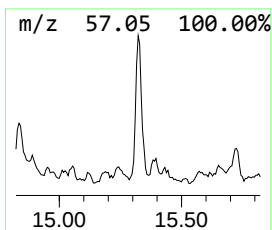
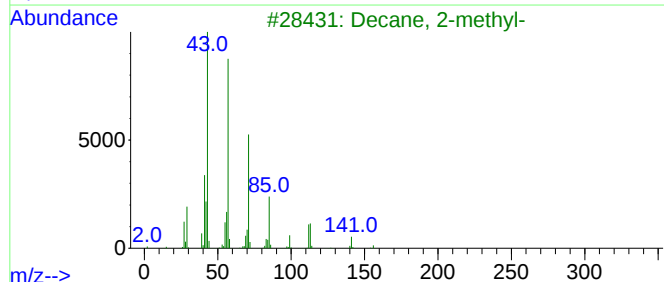
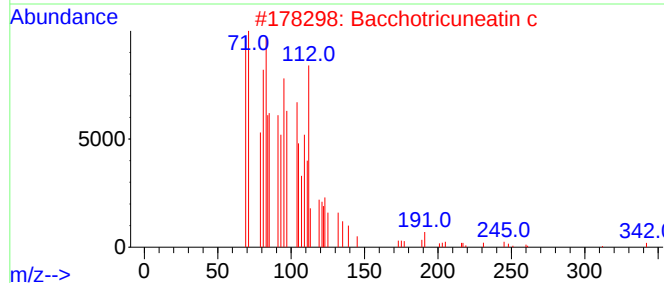
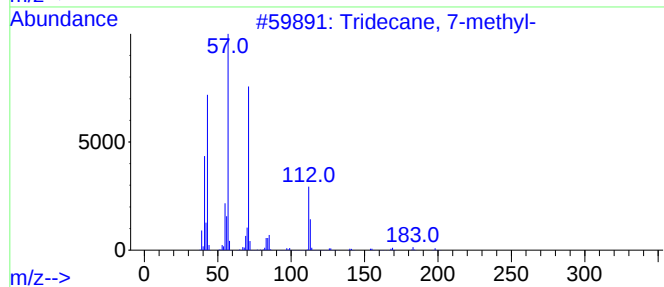
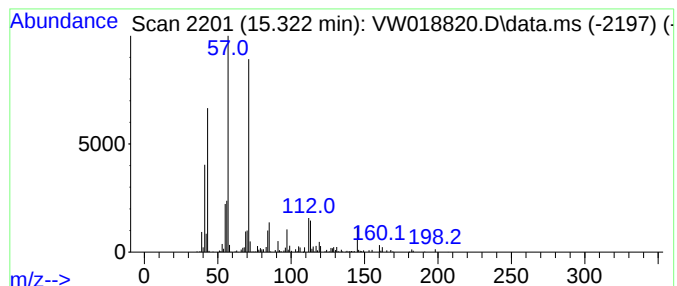
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Quant Title : SFAM01.0

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.
15.322	4.55 ug/L	208632	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 7-methyl-	198	C14H30	026730-14-3	76
2		Bacchotricuneatin c	342	C20H22O5	066563-30-2	64
3		Decane, 2-methyl-	156	C11H24	006975-98-0	64
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
5		Hexadecane, 7-methyl-	240	C17H36	026730-20-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018820.D
Acq On : 28 Apr 2021 15:08
Operator : SY/VA
Sample : M2177-04
Misc : 5.57G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG581

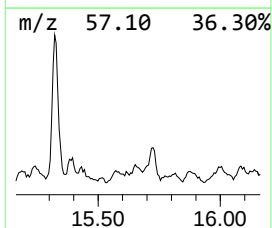
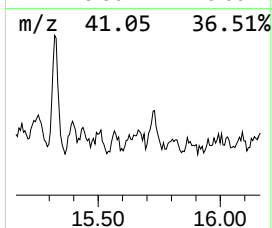
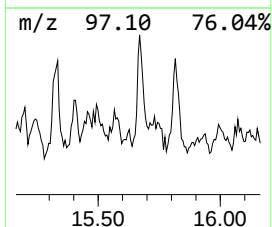
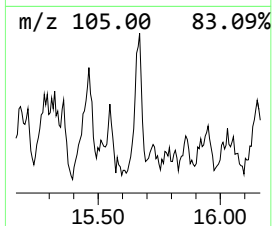
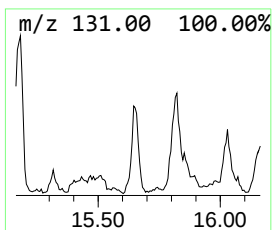
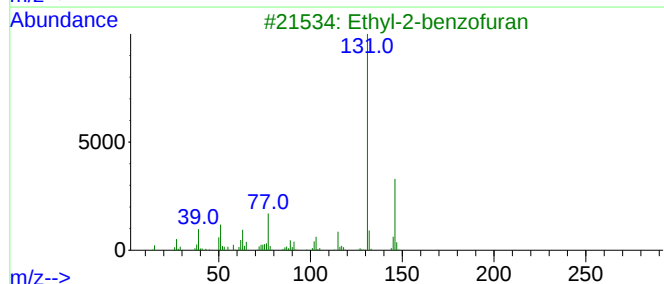
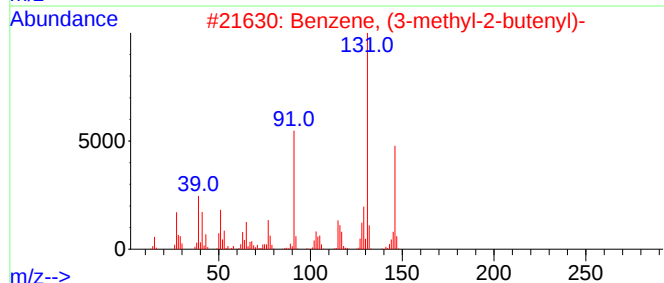
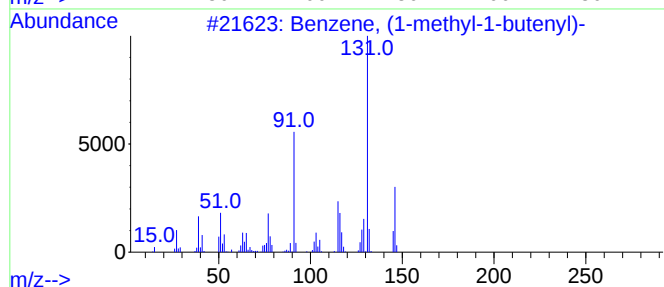
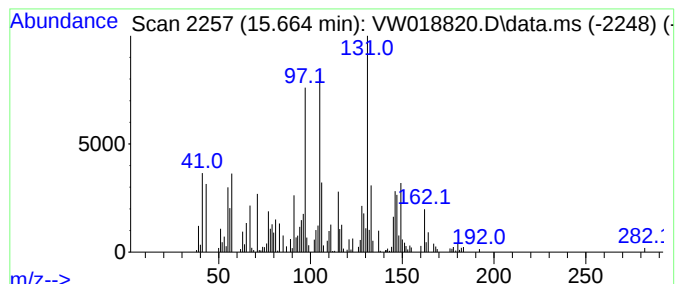
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Quant Title : SFAM01.0

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

Peak Number 27 Benzene, (1-methyl-1-butenyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.664	3.24 ug/L	148693	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	51
2			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	38
3			Ethyl-2-benzofuran	146	C10H10O	003131-63-3	35
4			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	30
5			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018820.D
Acq On : 28 Apr 2021 15:08
Operator : SY/VA
Sample : M2177-04
Misc : 5.57G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG581

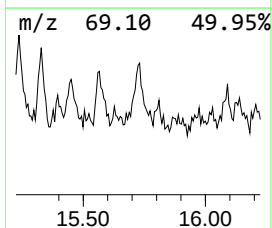
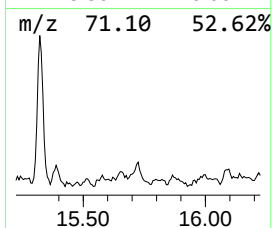
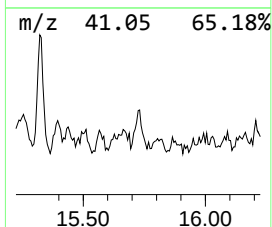
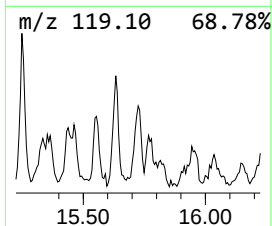
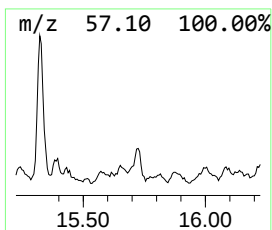
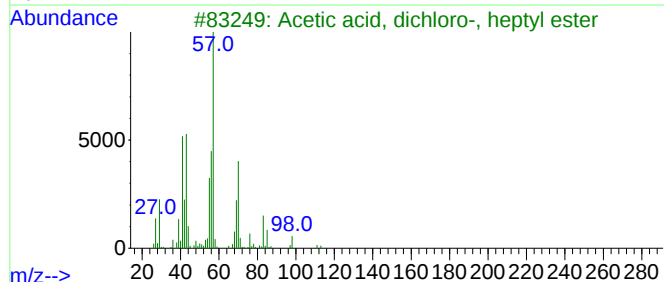
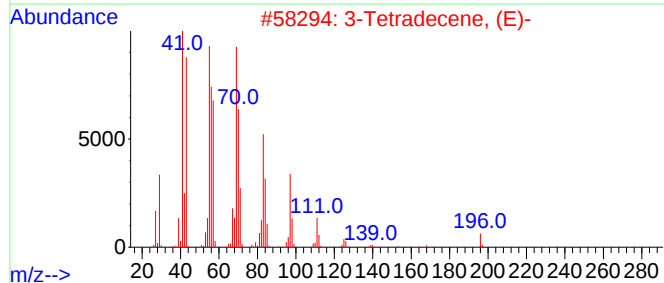
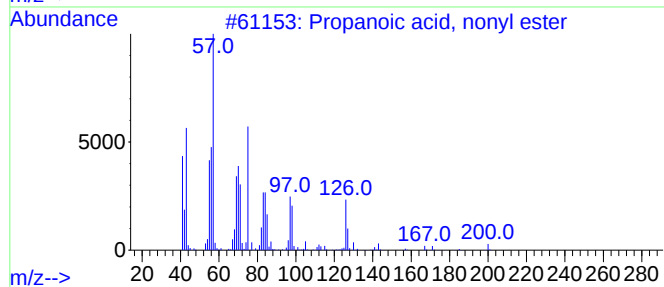
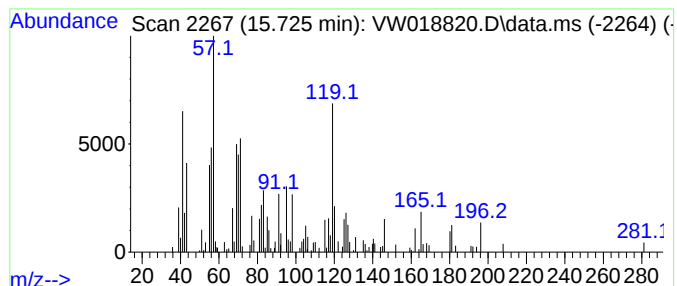
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Quant Title : SFAM01.0

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

Peak Number 28 unknown-03 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.725	1.61 ug/L	73925	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propanoic acid, nonyl ester	200	C12H24O2	053184-67-1	35
2			3-Tetradecene, (E)-	196	C14H28	041446-68-8	30
3			Acetic acid, dichloro-, heptyl e...	226	C9H16Cl2O2	083004-97-1	27
4			2- Bromopropionic acid, heptyl e...	250	C10H19BrO2	038674-99-6	27
5			Nornicotine	148	C9H12N2	000494-97-3	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018820.D
Acq On : 28 Apr 2021 15:08
Operator : SY/VA
Sample : M2177-04
Misc : 5.57G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG581

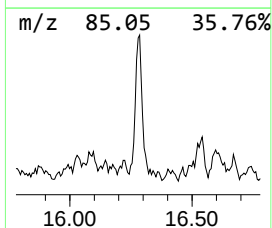
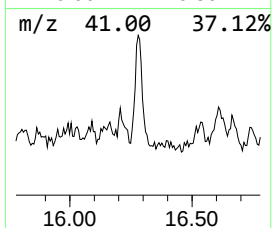
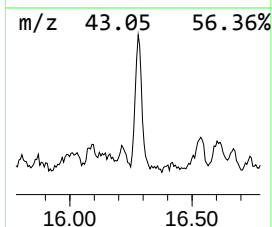
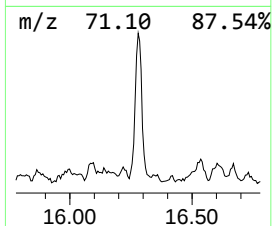
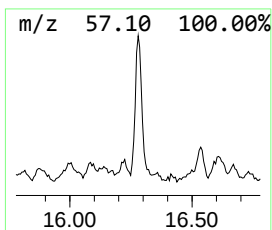
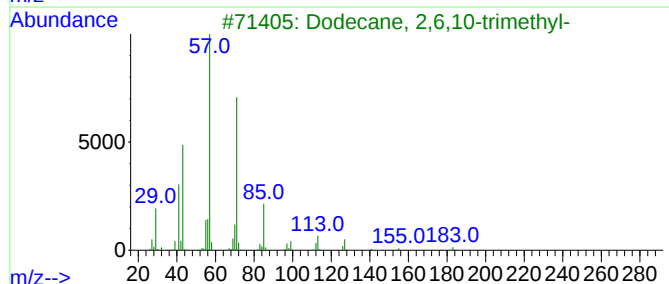
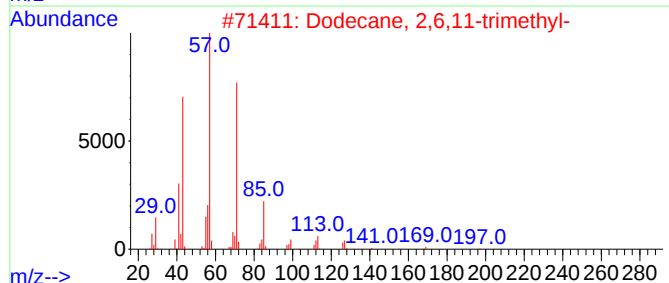
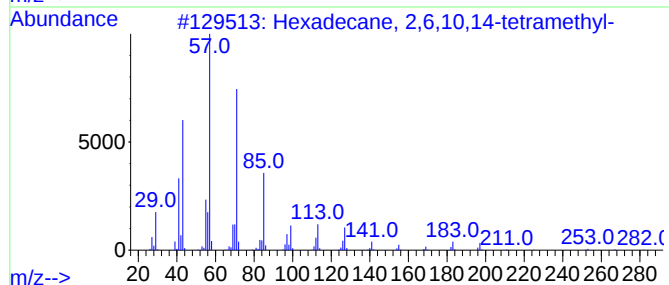
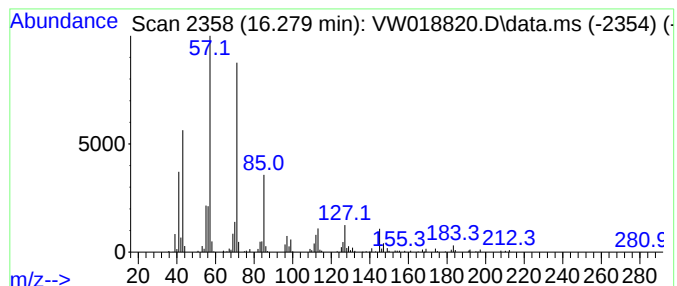
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Quant Title : SFAM01.0

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.279	4.11 ug/L	188498	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
4			Tetradecane, 4-methyl-	212	C15H32	025117-24-2	72
5			Undecane, 6-ethyl-	184	C13H28	017312-60-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
 Data File : VW018820.D
 Acq On : 28 Apr 2021 15:08
 Operator : SY/VA
 Sample : M2177-04
 Misc : 5.57G/10ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG581

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.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
(DEL) Alkane: S...	12.250	3.3	ug/L	184480	2	11.634	1383830	25.0
(DEL) Alkane: S...	12.365	7.6	ug/L	419930	2	11.634	1383830	25.0
(DEL) Alkane: C...	12.780	4.5	ug/L	206495	3	13.560	1146100	25.0
(DEL) Alkane: C...	12.859	3.9	ug/L	176658	3	13.560	1146100	25.0
(DEL) Alkane: S...	13.079	3.1	ug/L	142457	3	13.560	1146100	25.0
1H-Pyrazole, 4,...	13.115	2.4	ug/L	110738	3	13.560	1146100	25.0
(DEL) Alkane: S...	13.341	3.0	ug/L	139947	3	13.560	1146100	25.0
(DEL) Alkane: C...	13.445	8.6	ug/L	393878	3	13.560	1146100	25.0
(DEL) Alkane: S...	13.481	2.3	ug/L	106002	3	13.560	1146100	25.0
(DEL) Alkane: C...	13.695	2.9	ug/L	133147	3	13.560	1146100	25.0
Sulfurous acid,...	13.920	1.9	ug/L	88343	3	13.560	1146100	25.0
(DEL) Alkane: S...	14.060	2.1	ug/L	95021	3	13.560	1146100	25.0
Benzene, 1,3-di...	14.194	4.8	ug/L	218695	3	13.560	1146100	25.0
unknown-01	14.261	4.2	ug/L	193941	3	13.560	1146100	25.0
Benzene, 4-ethy...	14.329	2.3	ug/L	106143	3	13.560	1146100	25.0
trans-Decalin, ...	14.383	7.0	ug/L	322965	3	13.560	1146100	25.0
Benzene, 2,4-di...	14.499	1.5	ug/L	70140	3	13.560	1146100	25.0
cis-Decalin, 2-...	14.548	4.0	ug/L	183150	3	13.560	1146100	25.0
Benzene, 1-meth...	14.731	1.9	ug/L	86851	3	13.560	1146100	25.0
Benzene, 1,2,4,...	14.792	6.7	ug/L	307764	3	13.560	1146100	25.0
unknown-02	14.853	2.2	ug/L	100710	3	13.560	1146100	25.0
Benzene, pentam...	15.066	3.0	ug/L	136956	3	13.560	1146100	25.0
2-Butene, 3-chl...	15.176	2.6	ug/L	120305	3	13.560	1146100	25.0
(DEL) Alkane: S...	15.322	4.5	ug/L	208632	3	13.560	1146100	25.0
Benzene, (1-met...	15.664	3.2	ug/L	148693	3	13.560	1146100	25.0
unknown-03	15.725	1.6	ug/L	73925	3	13.560	1146100	25.0
(DEL) Alkane: S...	16.279	4.1	ug/L	188498	3	13.560	1146100	25.0