

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
 Data File : VW023877.D
 Acq On : 19 Jul 2022 12:15
 Operator : SY/VA
 Sample : N3709-07
 Misc : 9.07g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 H0B23

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\SFAMWLM071322SMA.M
 Title : SFAM01.0

Signal : TIC: VW023877.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.178	40	45	48	rBV2	6309	8585	0.30%	0.065%
2	2.245	48	56	57	rBV6	7937	17062	0.59%	0.130%
3	2.343	67	72	80	rVB	58275	95213	3.30%	0.725%
4	2.879	155	160	167	rVB	34270	66485	2.31%	0.506%
5	4.013	335	346	356	rBV2	56749	164160	5.69%	1.250%
6	4.129	359	365	373	rVV	16415	42645	1.48%	0.325%
7	4.373	398	405	415	rVB	8831	26889	0.93%	0.205%
8	4.915	479	494	503	rBV3	20715	76266	2.65%	0.581%
9	5.001	503	508	518	rVV5	7537	24683	0.86%	0.188%
10	5.519	589	593	598	rVB4	907	1560	0.05%	0.012%
11	5.934	653	661	674	rVB4	5627	19150	0.66%	0.146%
12	6.287	718	719	723	rBV4	1582	1776	0.06%	0.014%
13	6.354	726	730	735	rBV5	1158	2217	0.08%	0.017%
14	6.775	796	799	803	rBV5	1180	2020	0.07%	0.015%
15	6.976	829	832	836	rBV6	1240	2103	0.07%	0.016%
16	7.086	840	850	858	rBV	21617	67892	2.36%	0.517%
17	7.519	916	921	922	rBV5	1160	1503	0.05%	0.011%
18	7.647	931	942	956	rBV	112551	287999	9.99%	2.193%
19	7.945	987	991	992	rBV4	2198	2074	0.07%	0.016%
20	8.031	1002	1005	1010	rVB6	1336	1990	0.07%	0.015%
21	8.275	1035	1045	1059	rBV2	192892	605534	21.01%	4.612%
22	8.695	1106	1114	1120	rBV8	3349	8376	0.29%	0.064%
23	8.842	1129	1138	1150	rBV	228166	457905	15.88%	3.487%
24	9.079	1171	1177	1184	rVB4	10131	20938	0.73%	0.159%
25	9.274	1200	1209	1217	rBV	149169	314392	10.91%	2.394%
26	9.433	1232	1235	1237	rBV4	1132	1534	0.05%	0.012%
27	9.658	1269	1272	1277	rBV6	2361	4616	0.16%	0.035%
28	9.750	1281	1287	1288	rBV5	2765	4425	0.15%	0.034%
29	9.896	1305	1311	1315	rVB6	4649	9146	0.32%	0.070%
30	9.957	1315	1321	1322	rBV5	3485	5192	0.18%	0.040%
31	10.036	1328	1334	1340	rVV	30092	56655	1.97%	0.431%
32	10.085	1340	1342	1349	rVB6	2139	3906	0.14%	0.030%
33	10.219	1357	1364	1365	rBV6	3098	4349	0.15%	0.033%
34	10.244	1365	1368	1373	rVB5	3948	6069	0.21%	0.046%
35	10.323	1373	1381	1388	rBV	251411	439035	15.23%	3.344%
36	10.500	1404	1410	1416	rVB9	6063	13324	0.46%	0.101%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Title : SFAM01.0

37	10.579	1416	1423	1432	rBV2	22680	44128	1.53%	0.336%
38	10.664	1433	1437	1442	rVV8	5038	7195	0.25%	0.055%
39	10.756	1447	1452	1459	rVB9	4789	10683	0.37%	0.081%
40	10.841	1462	1466	1473	rBV9	3450	6764	0.23%	0.052%
41	10.927	1473	1480	1487	rBV	82169	150037	5.20%	1.143%
42	11.030	1495	1497	1504	rVB7	3005	4856	0.17%	0.037%
43	11.103	1506	1509	1513	rVB6	4045	5095	0.18%	0.039%
44	11.140	1513	1515	1516	rBV2	2432	2646	0.09%	0.020%
45	11.176	1517	1521	1525	rVB3	11138	16261	0.56%	0.124%
46	11.231	1525	1530	1534	rVB2	14524	25959	0.90%	0.198%
47	11.280	1534	1538	1542	rVB6	3076	3924	0.14%	0.030%
48	11.335	1542	1547	1551	rBV7	7160	13046	0.45%	0.099%
49	11.414	1553	1560	1561	rBV3	8085	15397	0.53%	0.117%
50	11.512	1571	1576	1583	rBV2	12370	21806	0.76%	0.166%
51	11.634	1586	1596	1607	rBV2	296085	838669	29.09%	6.387%
52	11.762	1614	1617	1620	rBV4	5424	6468	0.22%	0.049%
53	11.841	1620	1630	1633	rBV	51756	122877	4.26%	0.936%
54	11.969	1647	1651	1655	rBV6	5447	9673	0.34%	0.074%
55	12.134	1671	1678	1690	rBV7	41536	131817	4.57%	1.004%
56	12.249	1693	1697	1701	rVB2	45910	68912	2.39%	0.525%
57	12.341	1701	1712	1714	rBV4	56767	143100	4.96%	1.090%
58	12.463	1727	1732	1736	rBV	104362	167909	5.82%	1.279%
59	12.603	1750	1755	1761	rVB2	58601	110589	3.84%	0.842%
60	12.688	1764	1769	1778	rBV2	137011	293196	10.17%	2.233%
61	12.798	1779	1787	1792	rVB	182373	376493	13.06%	2.867%
62	12.859	1793	1797	1800	rBV6	21016	32244	1.12%	0.246%
63	12.920	1800	1807	1822	rVB	1754261	2882695	100.00%	21.954%
64	13.042	1822	1827	1831	rBV2	67458	114723	3.98%	0.874%
65	13.085	1831	1834	1843	rVB3	51340	104565	3.63%	0.796%
66	13.164	1843	1847	1850	rBV4	49703	88953	3.09%	0.677%
67	13.249	1856	1861	1865	rBV	101174	156367	5.42%	1.191%
68	13.383	1878	1883	1890	rBV4	50431	128058	4.44%	0.975%
69	13.572	1906	1914	1930	rVB3	1010137	1970536	68.36%	15.007%
70	13.713	1934	1937	1940	rVV	43661	61758	2.14%	0.470%
71	13.755	1940	1944	1949	rVB2	84505	128353	4.45%	0.978%
72	13.853	1956	1960	1970	rVB	158855	363338	12.60%	2.767%
73	13.944	1972	1975	1981	rVB	53638	76487	2.65%	0.583%
74	14.005	1982	1985	1988	rBV3	22191	31398	1.09%	0.239%
75	14.091	1995	1999	2006	rVB	169586	263350	9.14%	2.006%
76	14.152	2006	2009	2012	rVV2	16753	26269	0.91%	0.200%

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 Title : SFAM01.0

77	14.200	2012	2017	2023	rVB2	85974	150394	5.22%	1.145%
78	14.383	2043	2047	2048	rBV3	16640	19859	0.69%	0.151%
79	14.414	2048	2052	2055	rVV	77482	118511	4.11%	0.903%
80	14.450	2055	2058	2062	rVV	52852	78796	2.73%	0.600%
81	14.493	2062	2065	2069	rVB3	19636	25881	0.90%	0.197%
82	14.682	2092	2096	2101	rBV	32297	57629	2.00%	0.439%
83	14.804	2108	2116	2121	rBV4	80921	199836	6.93%	1.522%
84	14.847	2121	2123	2130	rVB2	16747	29620	1.03%	0.226%
85	14.956	2136	2141	2147	rVB3	14770	23286	0.81%	0.177%
86	15.017	2149	2151	2152	rBV2	4169	3458	0.12%	0.026%
87	15.060	2154	2158	2163	rBV2	19143	38603	1.34%	0.294%
88	15.170	2171	2176	2182	rVB5	22051	47236	1.64%	0.360%
89	15.359	2202	2207	2214	rVB	36961	66017	2.29%	0.503%
90	15.456	2219	2223	2231	rBV9	7861	19587	0.68%	0.149%
91	15.645	2249	2254	2262	rVB7	9094	18710	0.65%	0.142%
92	15.779	2274	2276	2277	rBV2	2431	1616	0.06%	0.012%
93	15.810	2278	2281	2283	rVV4	3301	4176	0.14%	0.032%
94	15.950	2298	2304	2308	rBV7	3203	6704	0.23%	0.051%
95	16.017	2310	2315	2321	rVB10	5057	10971	0.38%	0.084%
96	16.084	2324	2326	2331	rBV6	1753	2308	0.08%	0.018%
97	16.163	2335	2339	2341	rBV5	1993	3230	0.11%	0.025%
98	16.438	2378	2384	2391	rVB2	15823	35597	1.23%	0.271%
99	16.639	2407	2417	2420	rBV3	10124	25472	0.88%	0.194%
100	16.706	2420	2428	2441	rVB3	106307	248906	8.63%	1.896%

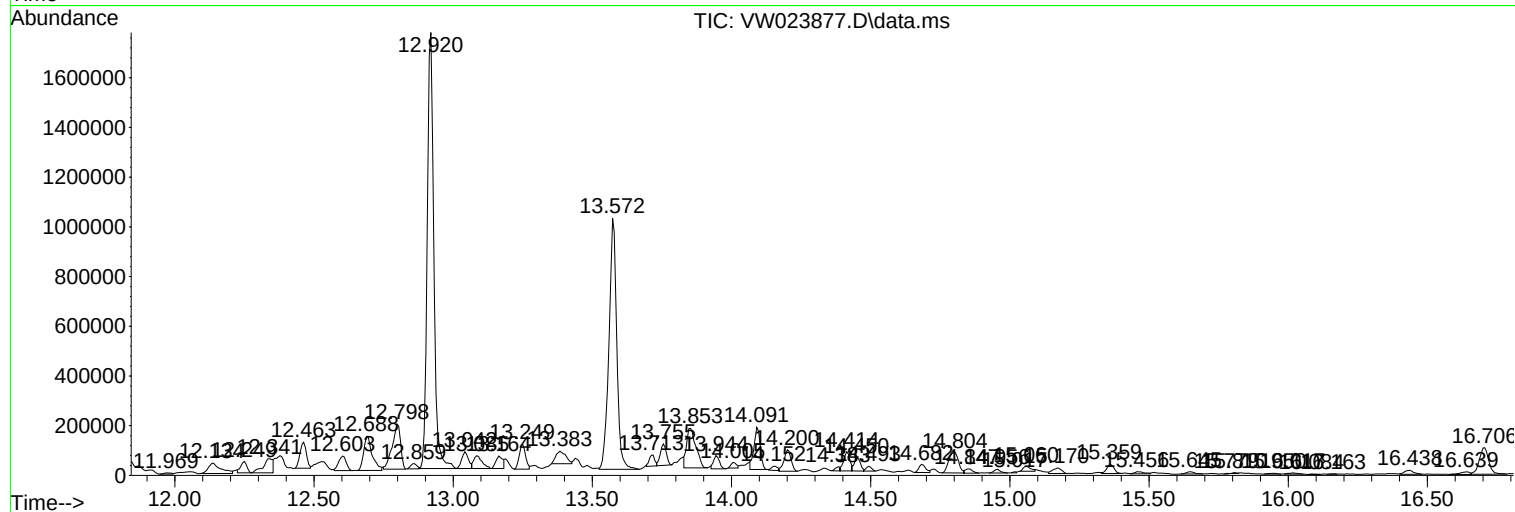
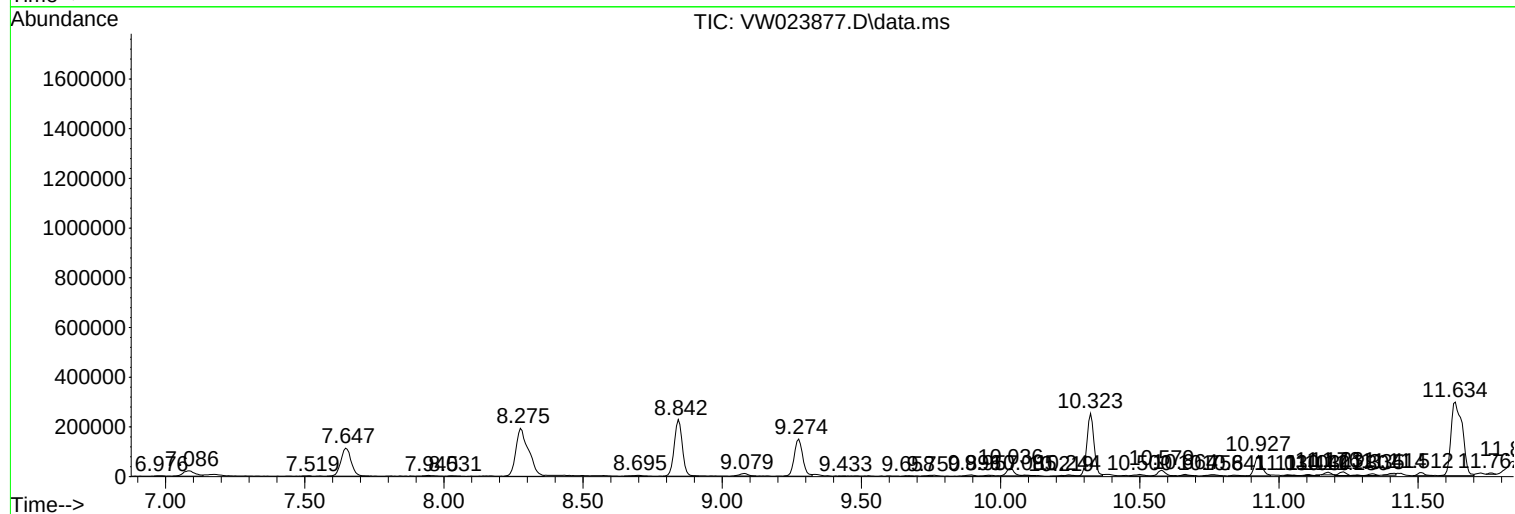
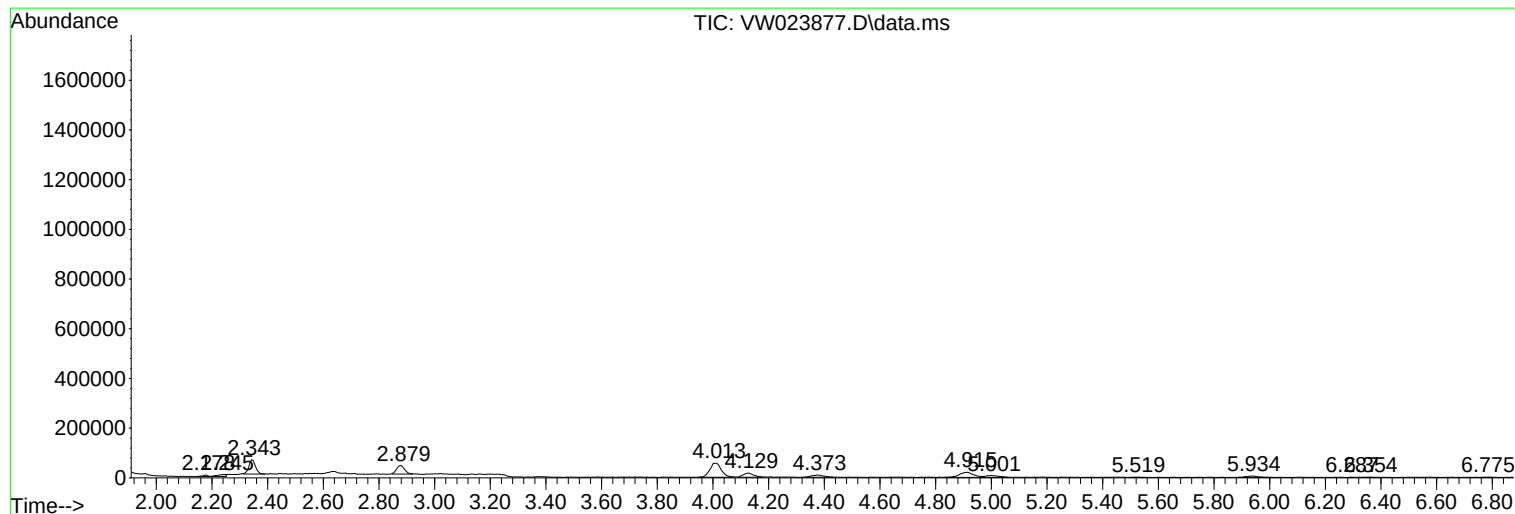
Sum of corrected areas: 13130665

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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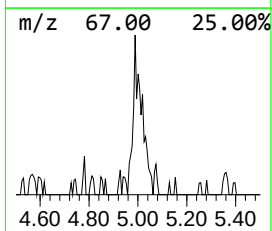
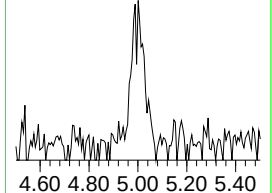
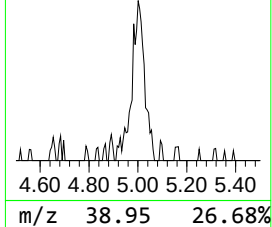
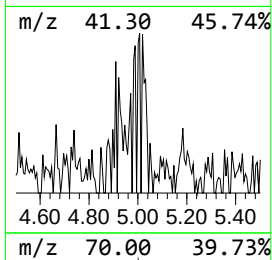
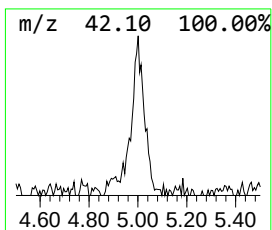
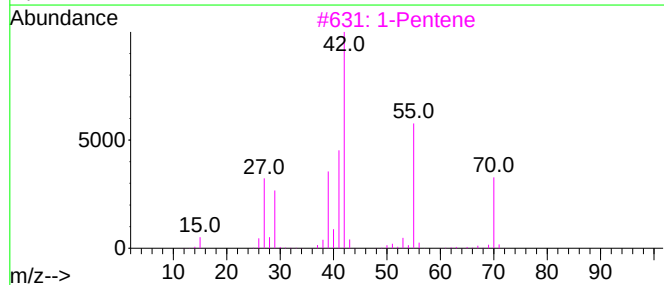
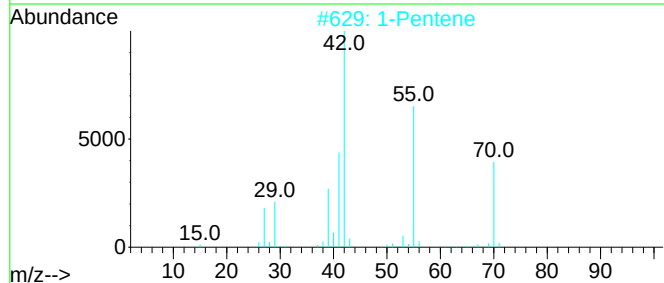
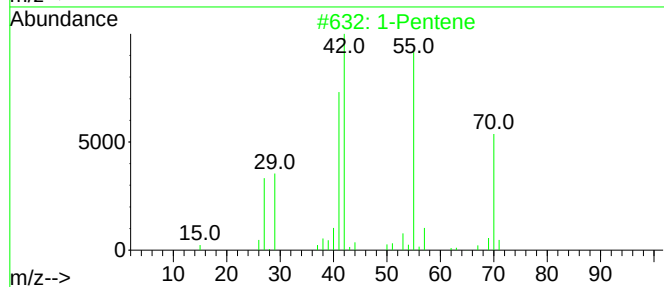
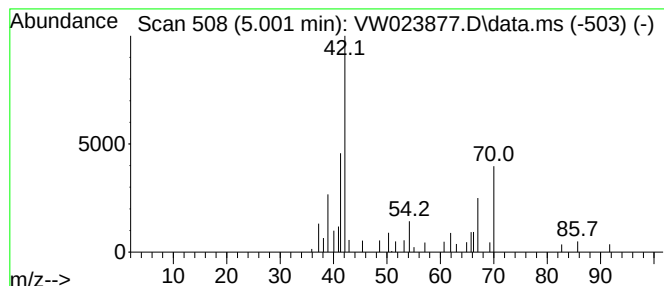
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.001	1.35 ug/L	24683	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Pentene	70	C5H10	000109-67-1	43
2		1-Pentene	70	C5H10	000109-67-1	43
3		1-Pentene	70	C5H10	000109-67-1	37
4		Cyclopropane, ethyl-	70	C5H10	001191-96-4	25
5		1-Pentanol	88	C5H12O	000071-41-0	25



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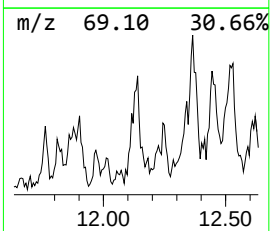
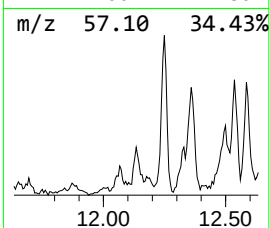
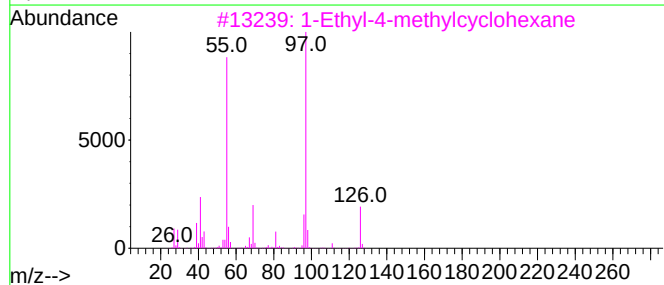
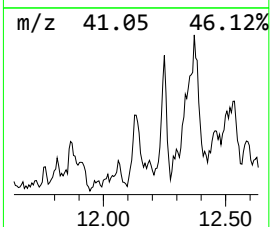
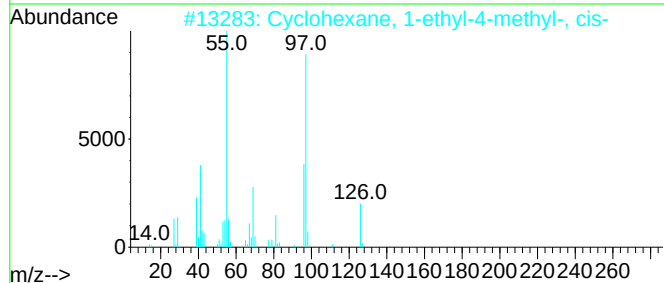
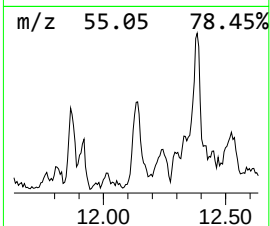
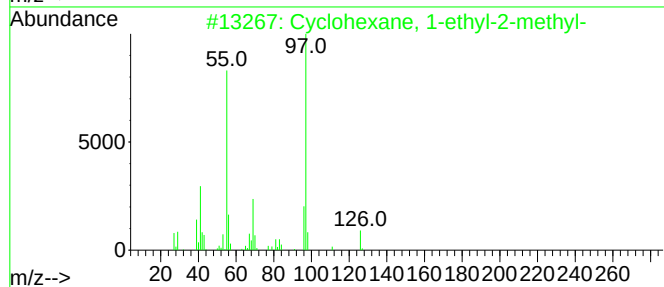
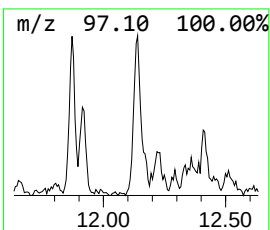
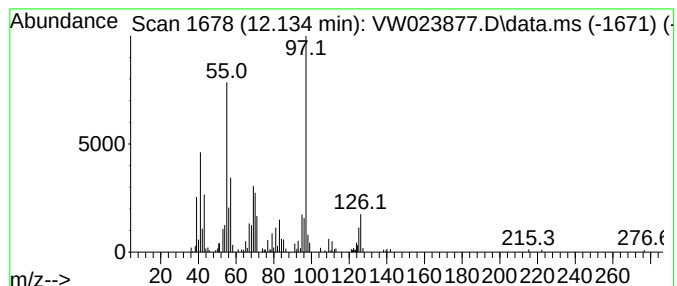
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic12.134 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.134	3.93 ug/L	131817	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	58
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	58
3			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	52
4			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	52
5			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	52



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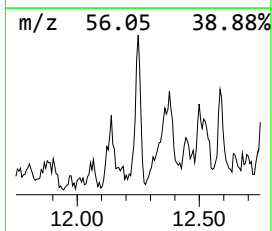
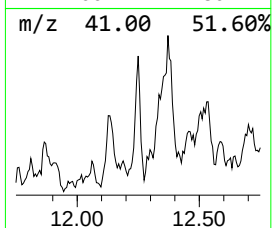
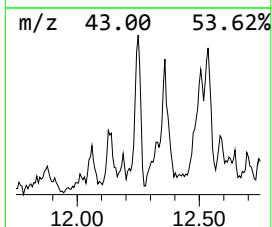
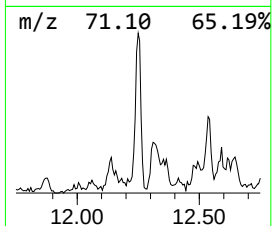
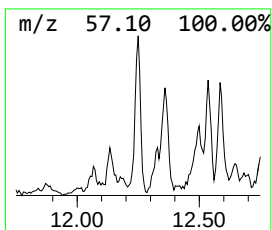
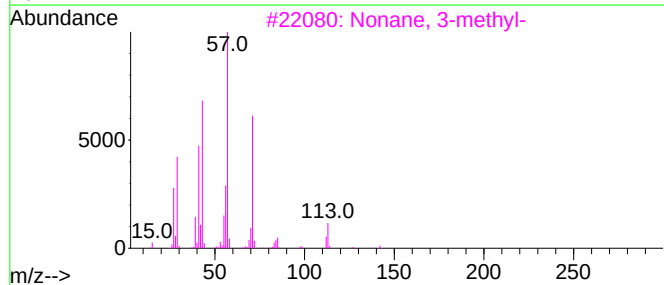
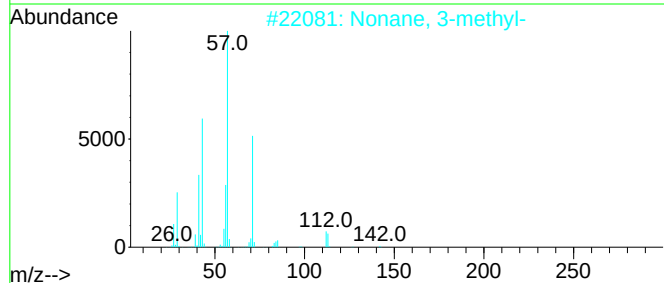
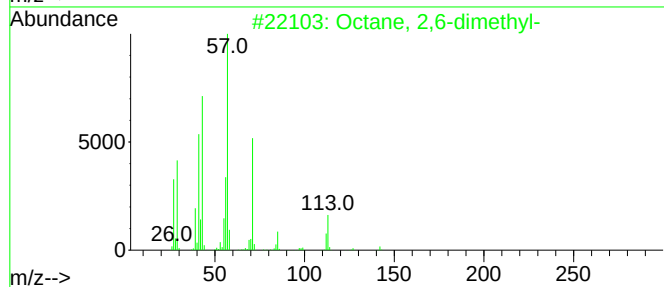
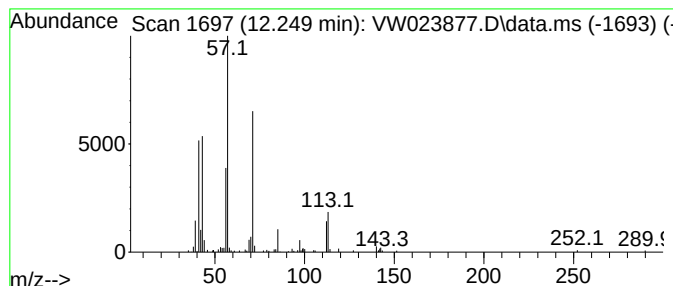
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ClientSampleId :
H0B23

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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.249	2.05 ug/L	68912	Chlorobenzene-d5	11.628	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	59
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	59
4	Carbonic acid, dodecyl 2-ethylhe...	342	C21H42O3	1000383-13-9	59
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
Data File : VW023877.D
Acq On : 19 Jul 2022 12:15
Operator : SY/VA
Sample : N3709-07
Misc : 9.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
H0B23

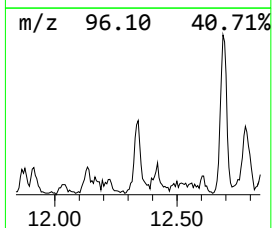
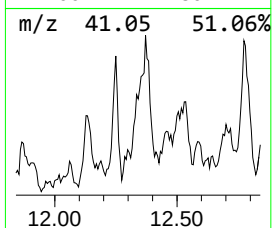
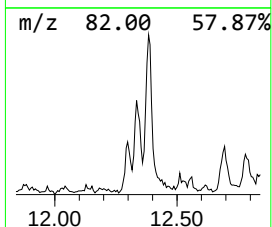
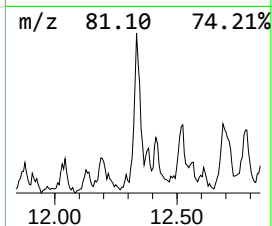
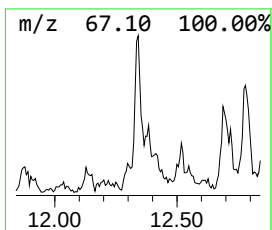
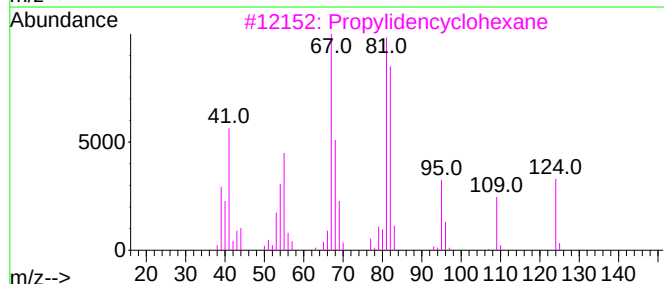
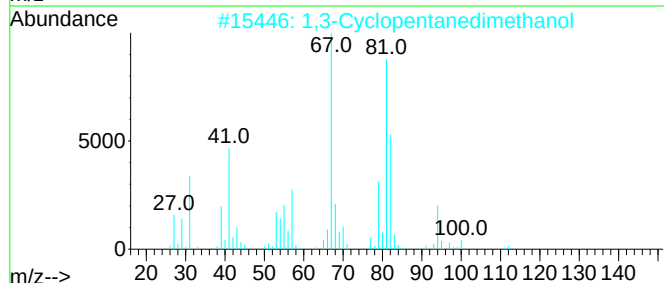
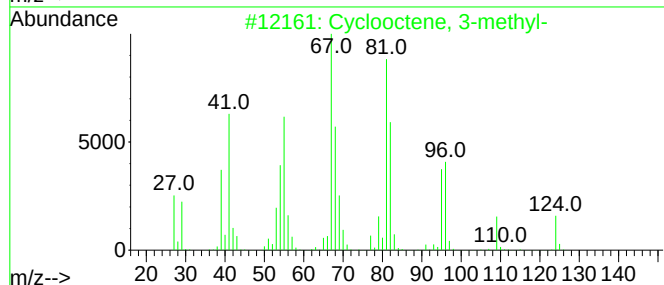
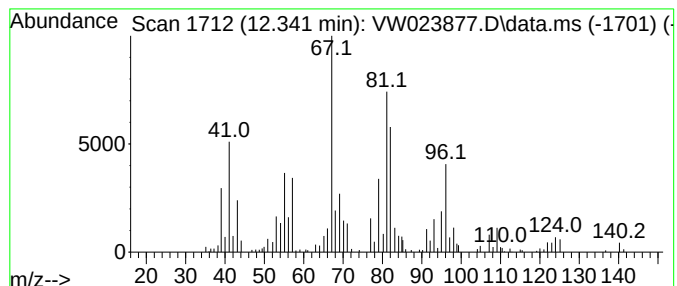
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclooctene, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.341	4.27 ug/L	143100	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	72
2			1,3-Cyclopentanedimethanol	130	C7H14O2	034957-72-7	64
3			Propylidencyclohexane	124	C9H16	002129-93-3	58
4			3-Octyne, 2-methyl-	124	C9H16	055402-15-8	43
5			1-Tridecyne	180	C13H24	026186-02-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
Data File : VW023877.D
Acq On : 19 Jul 2022 12:15
Operator : SY/VA
Sample : N3709-07
Misc : 9.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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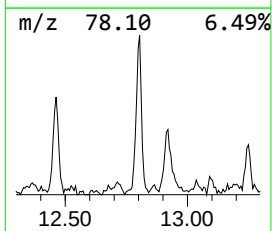
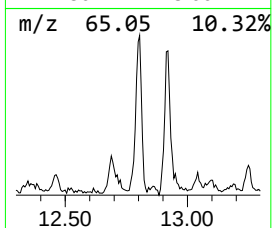
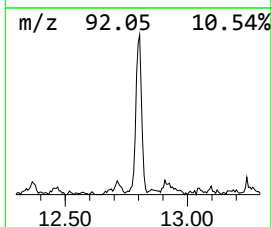
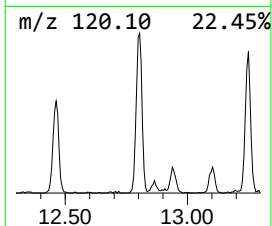
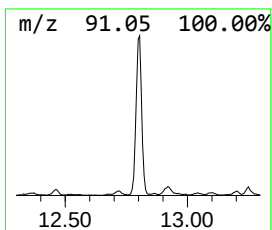
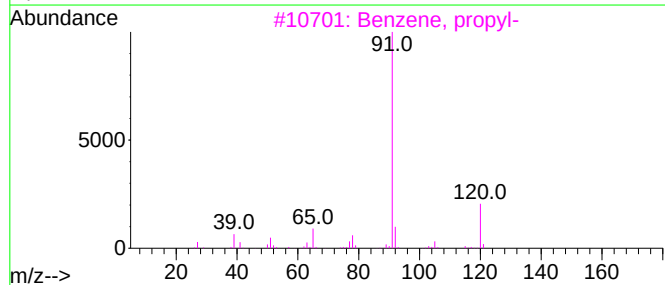
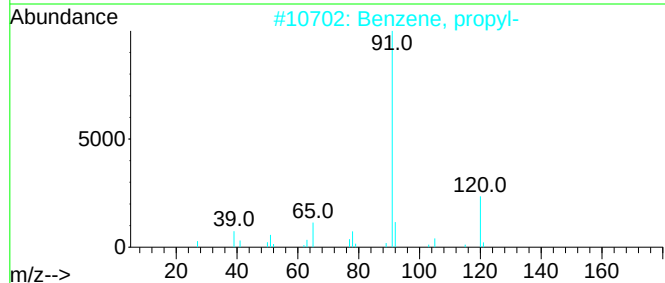
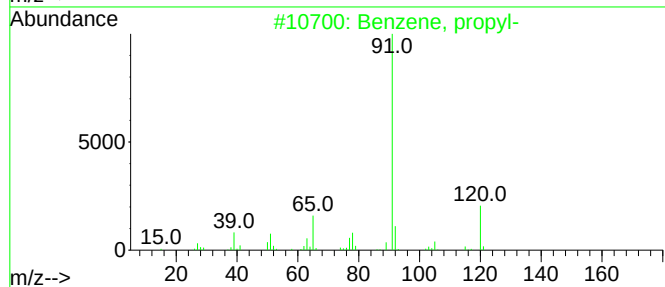
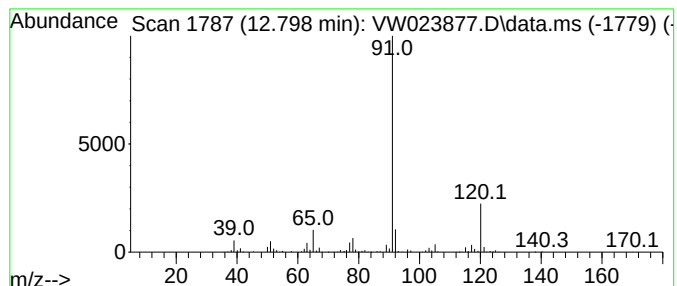
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.798	4.78 ug/L	376493	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	93
2			Benzene, propyl-	120	C9H12	000103-65-1	90
3			Benzene, propyl-	120	C9H12	000103-65-1	87
4			Benzene, propyl-	120	C9H12	000103-65-1	83
5			Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
Data File : VW023877.D
Acq On : 19 Jul 2022 12:15
Operator : SY/VA
Sample : N3709-07
Misc : 9.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
H0B23

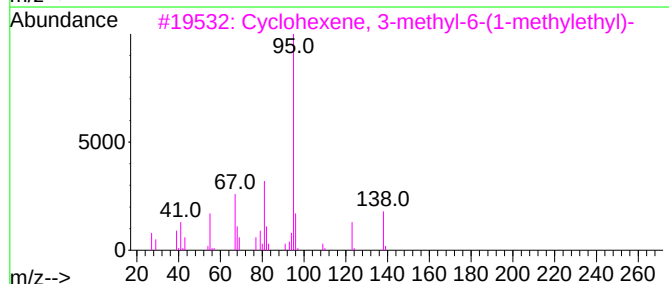
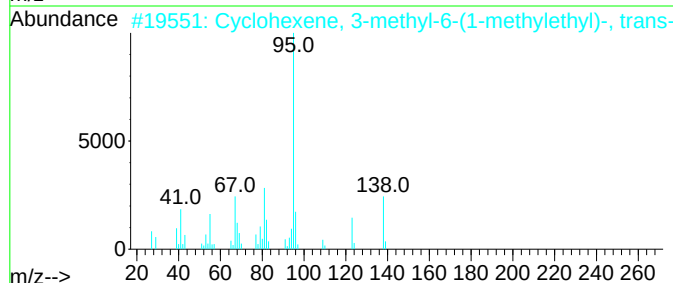
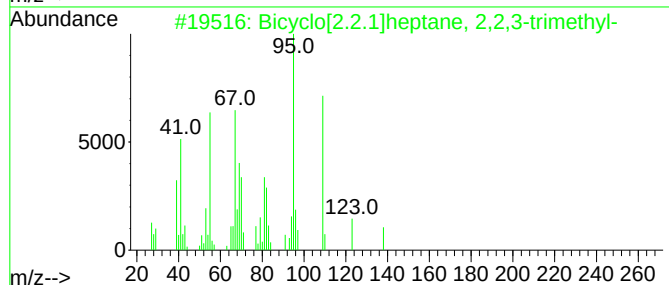
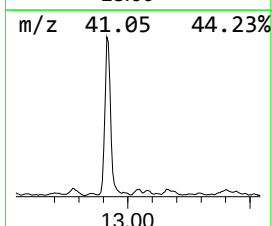
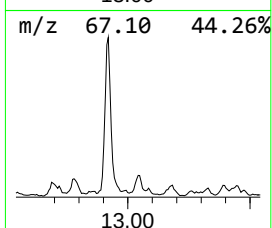
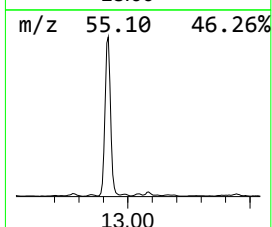
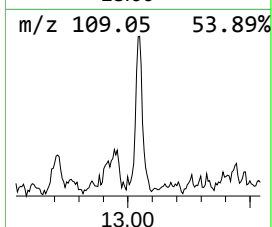
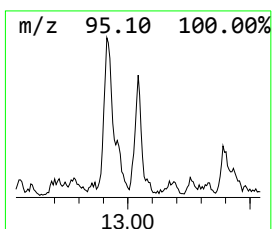
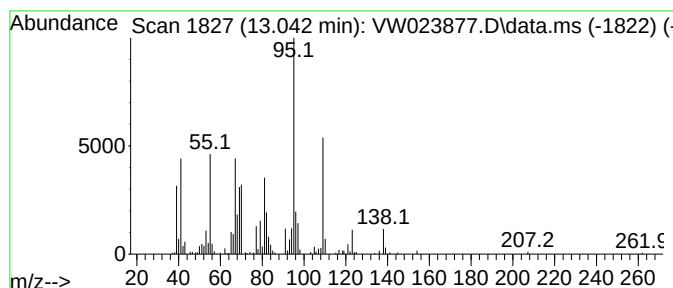
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Bicyclo[2.2.1]heptane, 2,2,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.042	1.46 ug/L	114723	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	93
2			Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	001124-26-1	76
3			Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	70
4			Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	64
5			Cyclohexene, 1-methyl-4-(1-methy...	138	C10H18	001195-31-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
Data File : VW023877.D
Acq On : 19 Jul 2022 12:15
Operator : SY/VA
Sample : N3709-07
Misc : 9.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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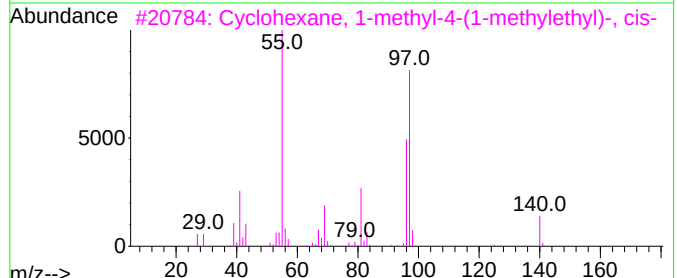
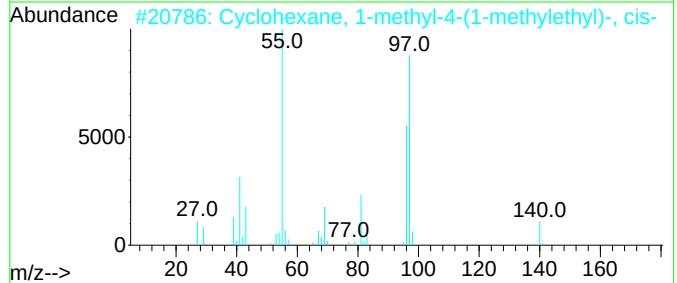
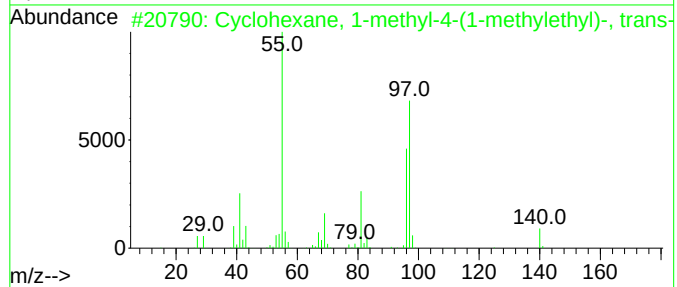
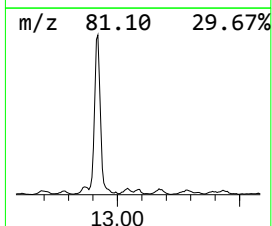
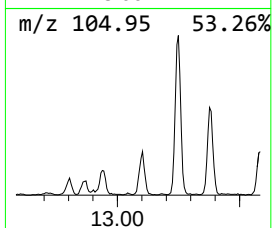
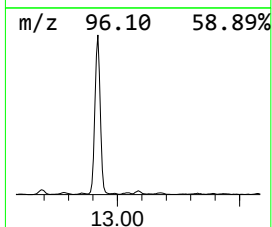
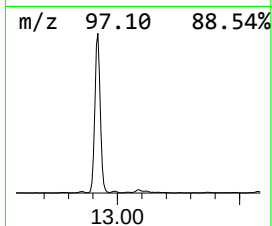
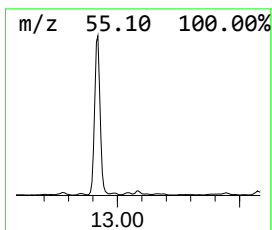
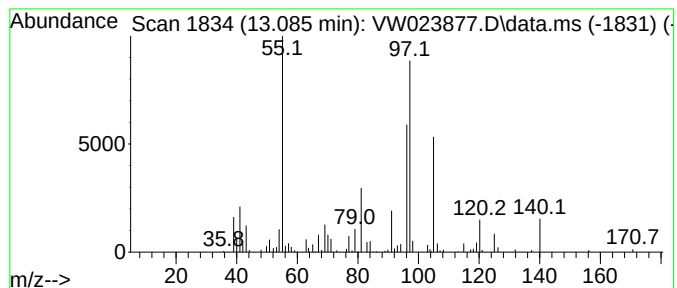
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Cyclic13.085 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.085	1.33 ug/L	104565	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	81
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	72
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	72
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	72
5			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
Data File : VW023877.D
Acq On : 19 Jul 2022 12:15
Operator : SY/VA
Sample : N3709-07
Misc : 9.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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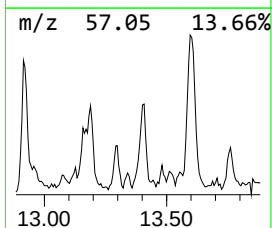
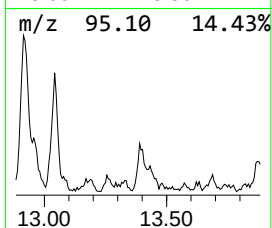
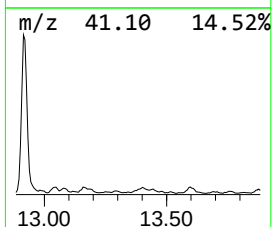
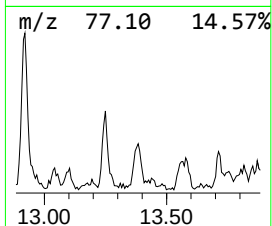
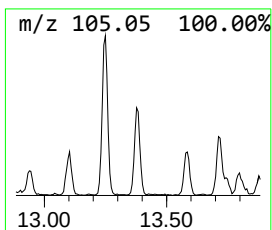
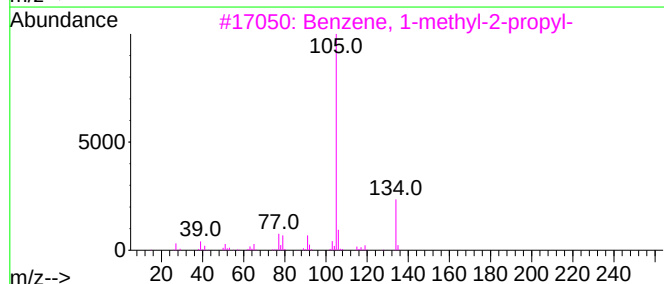
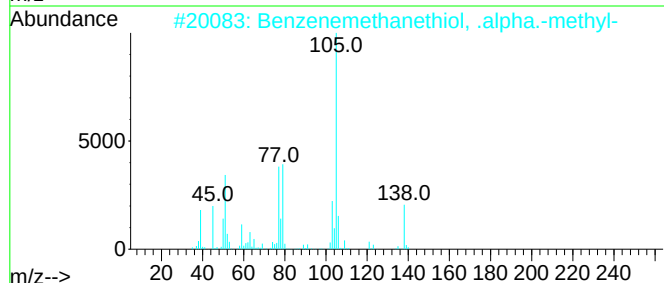
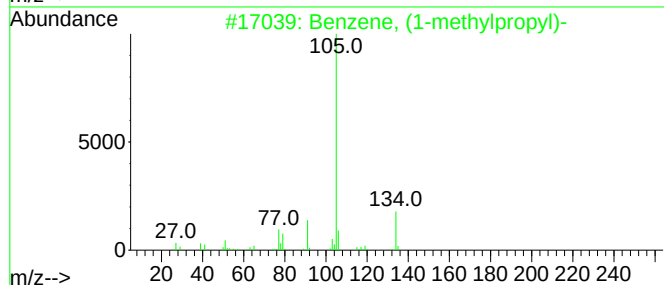
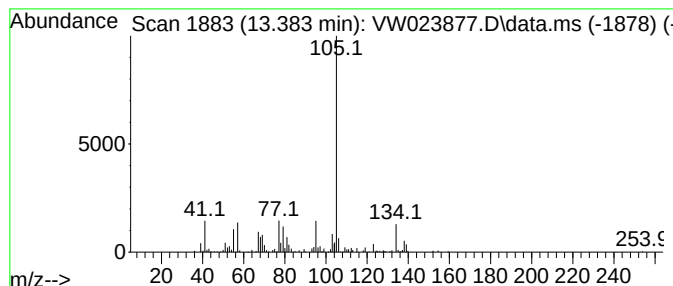
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzene, (1-methylpropyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.383	1.62 ug/L	128058	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	52
2			Benzenemethanethiol, .alpha.-met...	138	C8H10S	006263-65-6	49
3			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	49
4			Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	49
5			Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
Data File : VW023877.D
Acq On : 19 Jul 2022 12:15
Operator : SY/VA
Sample : N3709-07
Misc : 9.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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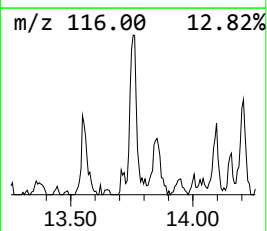
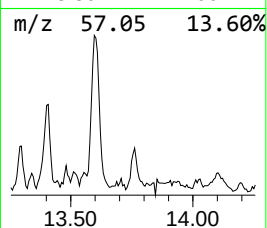
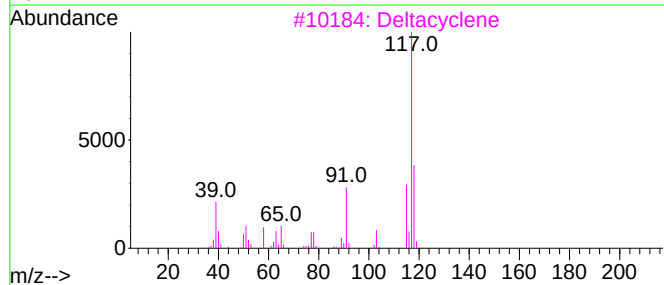
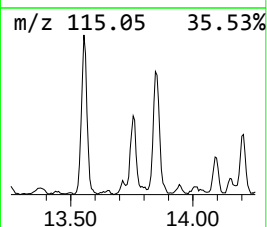
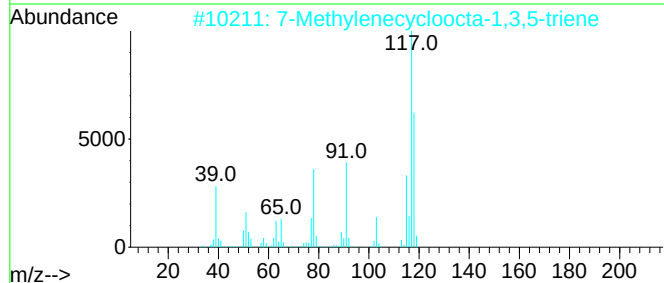
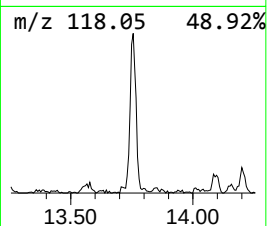
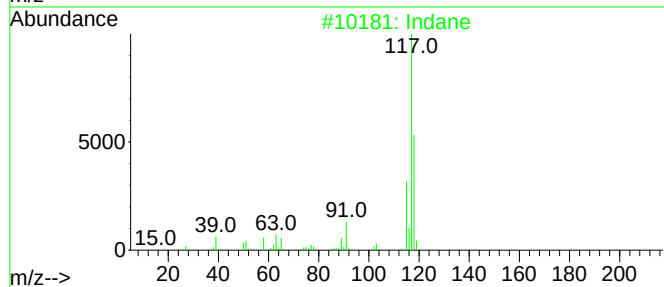
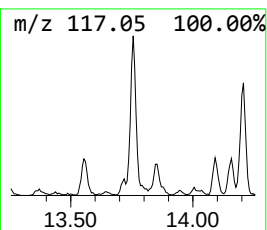
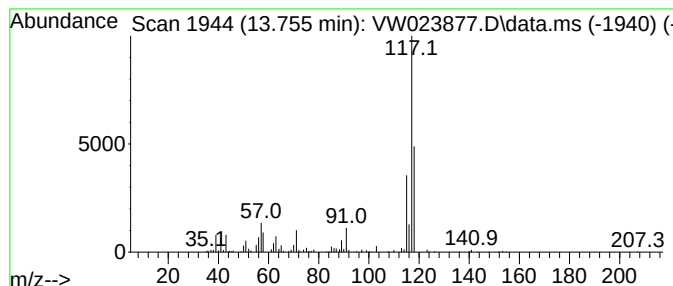
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Indane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.755	1.63 ug/L	128353	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	81
2			7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	59
3			Deltacyclene	118	C9H10	007785-10-6	59
4			Indane	118	C9H10	000496-11-7	53
5			Indane	118	C9H10	000496-11-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
Data File : VW023877.D
Acq On : 19 Jul 2022 12:15
Operator : SY/VA
Sample : N3709-07
Misc : 9.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
H0B23

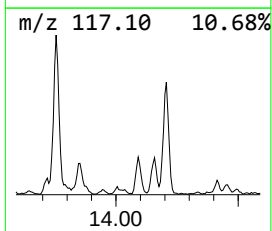
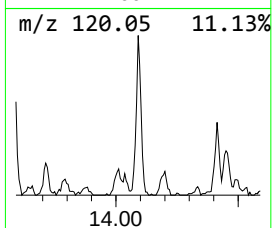
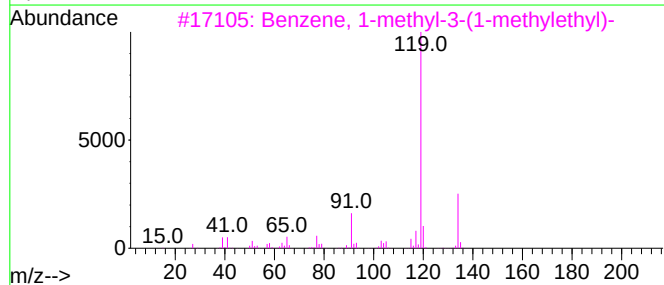
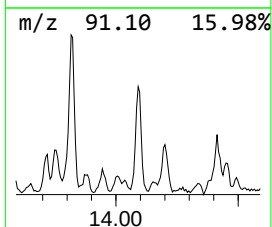
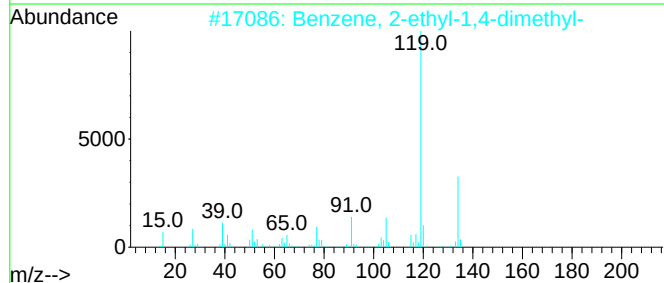
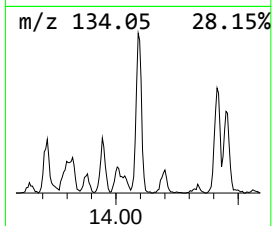
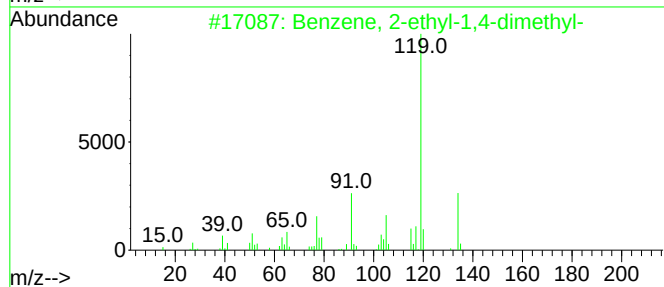
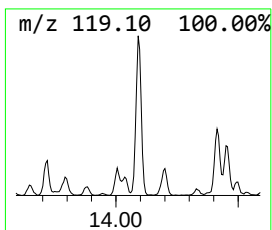
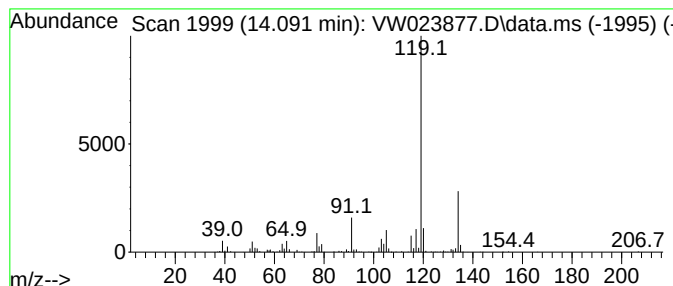
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.091	3.34 ug/L	263350	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
Data File : VW023877.D
Acq On : 19 Jul 2022 12:15
Operator : SY/VA
Sample : N3709-07
Misc : 9.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
H0B23

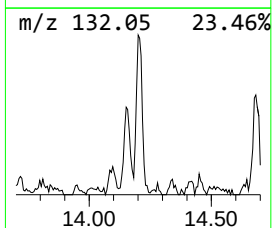
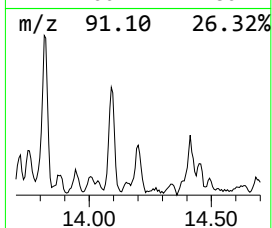
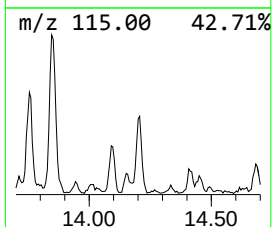
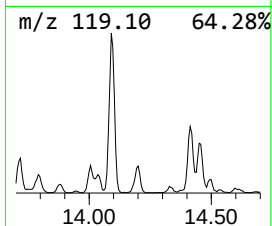
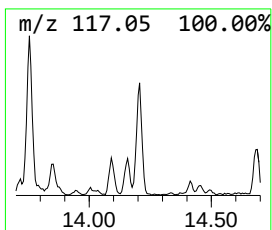
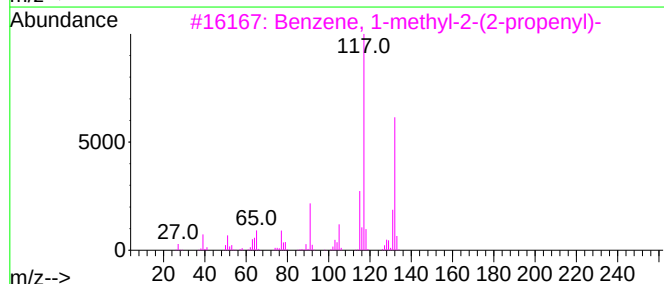
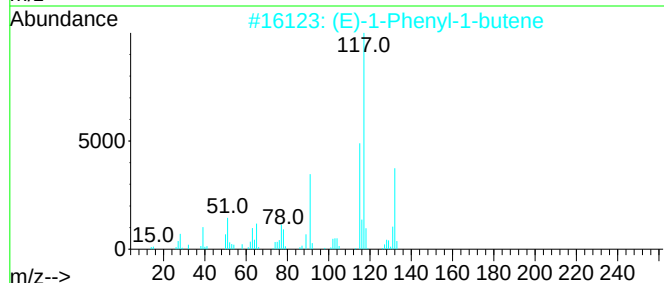
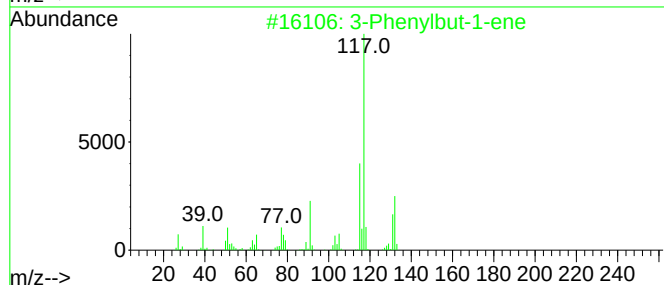
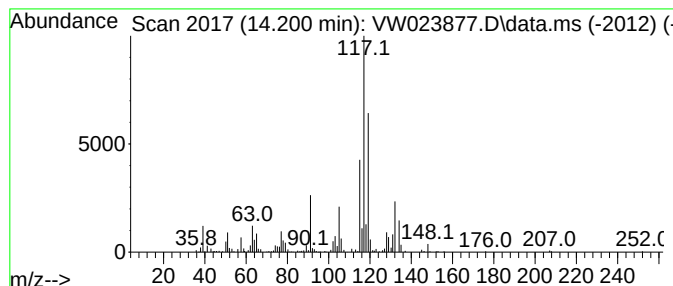
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 3-Phenylbut-1-ene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.200	1.91 ug/L	150394	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
2			(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	64
3			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	62
4			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	58
5			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
Data File : VW023877.D
Acq On : 19 Jul 2022 12:15
Operator : SY/VA
Sample : N3709-07
Misc : 9.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
H0B23

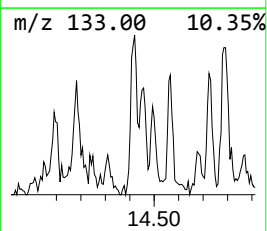
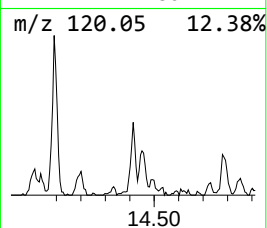
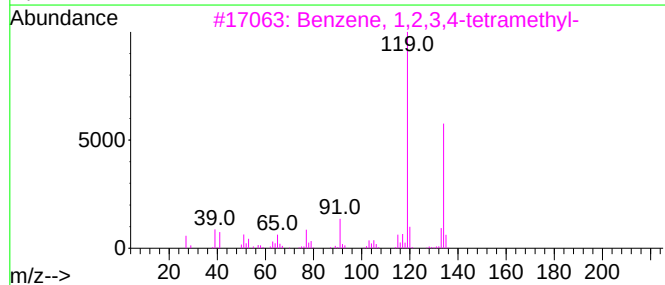
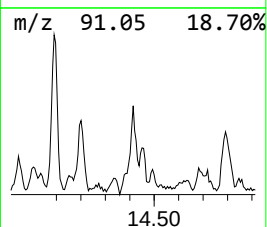
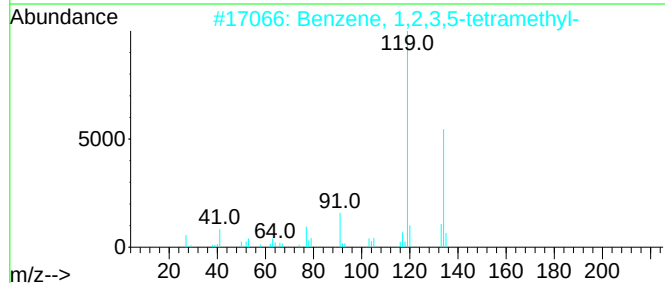
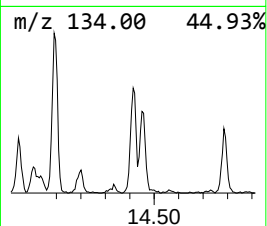
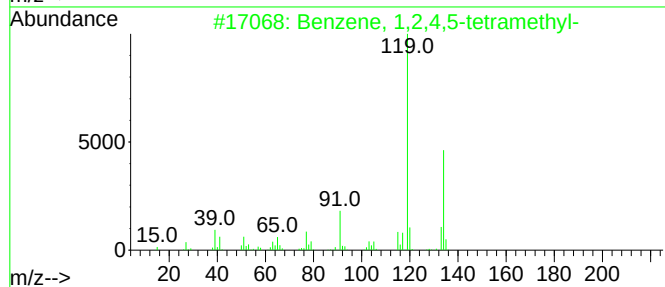
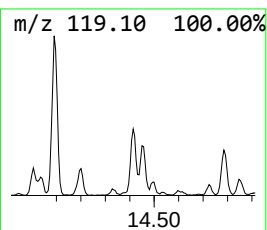
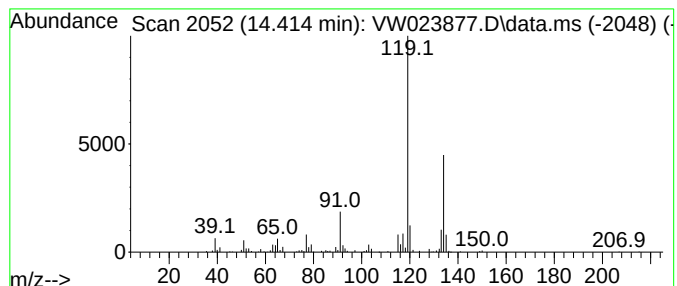
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.414	1.50 ug/L	118511	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
Data File : VW023877.D
Acq On : 19 Jul 2022 12:15
Operator : SY/VA
Sample : N3709-07
Misc : 9.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
H0B23

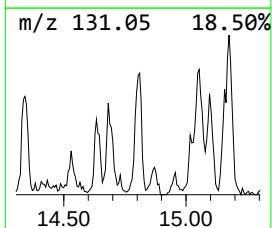
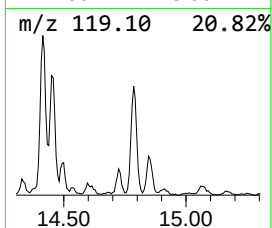
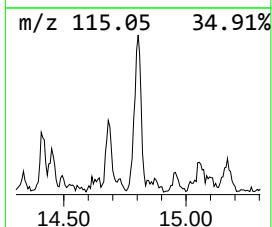
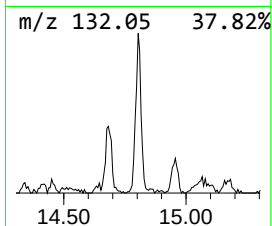
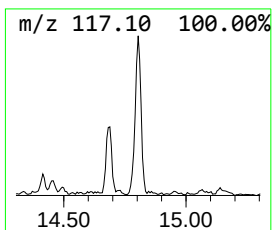
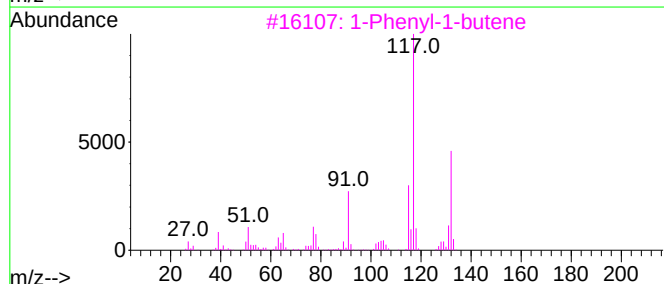
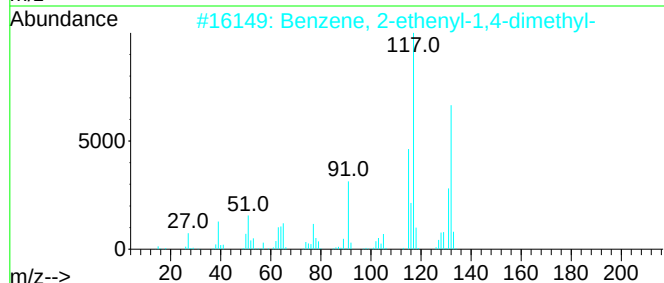
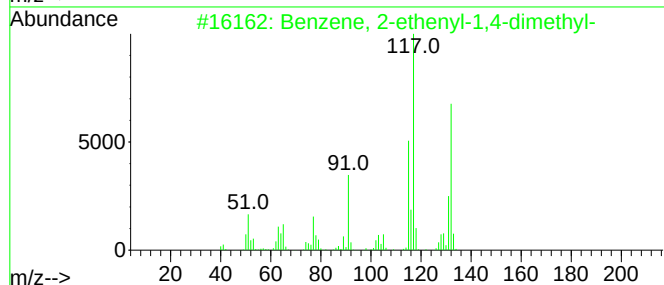
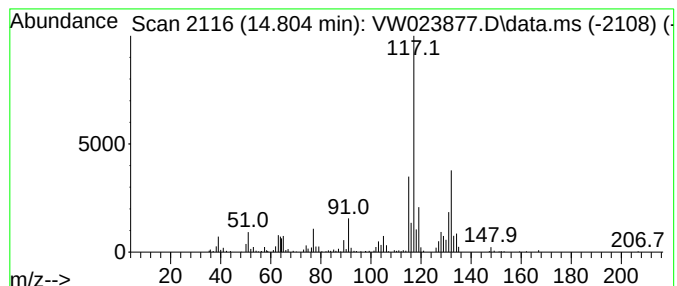
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.804	2.54 ug/L	199836	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
3			1-Phenyl-1-butene	132	C10H12	000824-90-8	76
4			3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
5			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
Data File : VW023877.D
Acq On : 19 Jul 2022 12:15
Operator : SY/VA
Sample : N3709-07
Misc : 9.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
H0B23

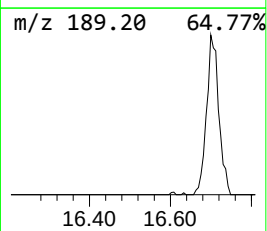
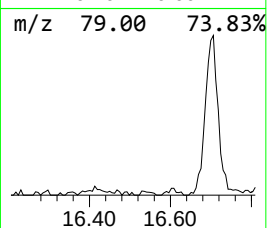
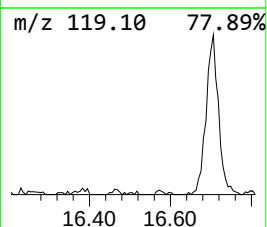
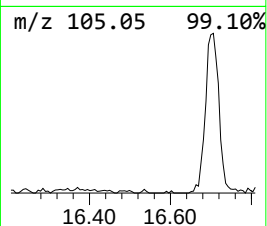
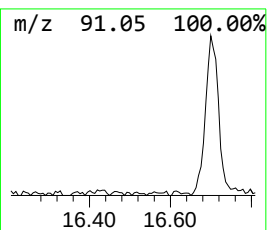
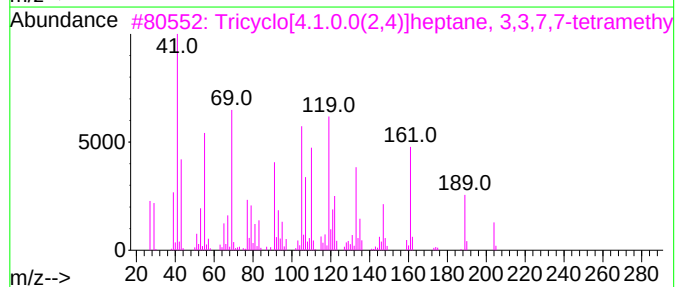
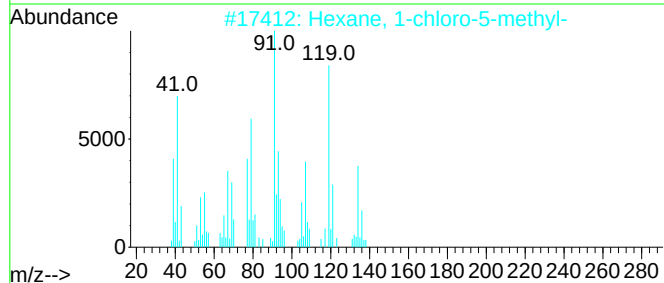
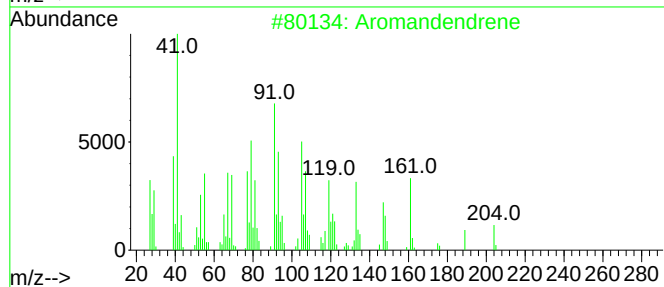
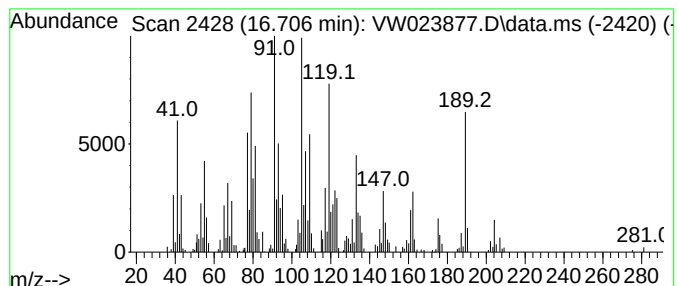
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Aromandendrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.706	3.16 ug/L	248906	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Aromandendrene	204	C15H24	000489-39-4	70
2			Hexane, 1-chloro-5-methyl-	134	C7H15Cl	033240-56-1	64
3			Tricyclo[4.1.0.0(2,4)]heptane, 3...	204	C15H24	067843-59-8	55
4			Spiro[5.5]undec-2-ene, 3,7,7-tri...	204	C15H24	018431-82-8	52
5			Alloaromadendrene	204	C15H24	025246-27-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
Data File : VW023877.D
Acq On : 19 Jul 2022 12:15
Operator : SY/VA
Sample : N3709-07
Misc : 9.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
H0B23

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	5.001	1.4	ug/L	24683	1	8.842	457905	25.0
(DEL) Alkane: C...	12.134	3.9	ug/L	131817	2	11.628	838669	25.0
(DEL) Alkane: S...	12.249	2.0	ug/L	68912	2	11.628	838669	25.0
Cyclooctene, 3-...	12.341	4.3	ug/L	143100	2	11.628	838669	25.0
Benzene, propyl-	12.798	4.8	ug/L	376493	3	13.554	1970540	25.0
Bicyclo[2.2.1]h...	13.042	1.5	ug/L	114723	3	13.554	1970540	25.0
(DEL) Alkane: C...	13.085	1.3	ug/L	104565	3	13.554	1970540	25.0
Benzene, (1-met...	13.383	1.6	ug/L	128058	3	13.554	1970540	25.0
Indane	13.755	1.6	ug/L	128353	3	13.554	1970540	25.0
Benzene, 2-ethy...	14.091	3.3	ug/L	263350	3	13.554	1970540	25.0
3-Phenylbut-1-ene	14.200	1.9	ug/L	150394	3	13.554	1970540	25.0
Benzene, 1,2,4,...	14.414	1.5	ug/L	118511	3	13.554	1970540	25.0
Benzene, 2-ethe...	14.804	2.5	ug/L	199836	3	13.554	1970540	25.0
Aromandendrene	16.706	3.2	ug/L	248906	3	13.554	1970540	25.0