

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110621\
 Data File : VW020791.D
 Acq On : 05 Nov 2021 20:01
 Operator : SY/VA
 Sample : M4464-09
 Misc : 6.31g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB7K7

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\SFAMWLM110621SMA.M
 Title : SFAM01.0

Signal : TIC: VW020791.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.959	7	9	32	rVB3	9159	29982	0.12%	0.062%
2	2.349	67	73	83	rVB	52192	86587	0.36%	0.179%
3	2.879	154	160	168	rBV2	22226	45553	0.19%	0.094%
4	3.026	178	184	190	rBV5	4780	10494	0.04%	0.022%
5	3.385	234	243	250	rBV2	5467	13227	0.05%	0.027%
6	3.782	298	308	319	rBV2	3695	10672	0.04%	0.022%
7	4.044	335	351	358	rBV8	154167	633607	2.63%	1.309%
8	4.117	358	363	382	rVB	155195	433073	1.80%	0.894%
9	4.391	400	408	419	rVV	14389	43048	0.18%	0.089%
10	4.946	480	499	519	rVV4	11076	57588	0.24%	0.119%
11	5.428	567	578	594	rBV4	20629	70744	0.29%	0.146%
12	5.940	650	662	675	rVB	34851	103753	0.43%	0.214%
13	6.214	694	707	724	rBV	114121	347353	1.44%	0.717%
14	6.879	803	816	822	rBV6	2054	7300	0.03%	0.015%
15	6.982	822	833	842	rVV	25506	76977	0.32%	0.159%
16	7.080	842	849	853	rVV2	15618	41761	0.17%	0.086%
17	7.165	853	863	896	rVV	3506799	9263608	38.46%	19.133%
18	7.506	910	919	928	rBV3	1962	6468	0.03%	0.013%
19	7.647	931	942	956	rBV	89305	222366	0.92%	0.459%
20	7.872	968	979	989	rBV	718638	1811896	7.52%	3.742%
21	7.952	989	992	999	rVV	12908	29556	0.12%	0.061%
22	8.031	999	1005	1018	rVB3	5205	13591	0.06%	0.028%
23	8.153	1018	1025	1033	rBV2	6356	15977	0.07%	0.033%
24	8.275	1033	1045	1060	rVV2	180918	553431	2.30%	1.143%
25	8.403	1060	1066	1075	rVV3	11372	36493	0.15%	0.075%
26	8.488	1075	1080	1088	rVV6	5150	18354	0.08%	0.038%
27	8.573	1088	1094	1101	rVB5	4733	12106	0.05%	0.025%
28	8.695	1106	1114	1123	rBV2	13027	27241	0.11%	0.056%
29	8.842	1126	1138	1148	rBV	219873	440720	1.83%	0.910%
30	9.092	1167	1179	1193	rBV	2039181	3908164	16.23%	8.072%
31	9.274	1199	1209	1215	rBV	122014	253852	1.05%	0.524%
32	9.335	1215	1219	1225	rVB	24153	47241	0.20%	0.098%
33	9.445	1231	1237	1244	rBV2	8216	16699	0.07%	0.034%
34	9.756	1282	1288	1296	rVB2	4002	8585	0.04%	0.018%
35	9.896	1303	1311	1316	rBV2	3826	8071	0.03%	0.017%
36	9.957	1316	1321	1325	rBV2	3110	5831	0.02%	0.012%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
 Title : SFAM01.0

37	10.037	1327	1334	1340	rVV	75326	138567	0.58%	0.286%
38	10.091	1340	1343	1355	rVB5	3779	8624	0.04%	0.018%
39	10.213	1355	1363	1373	rBV	84861	158376	0.66%	0.327%
40	10.323	1373	1381	1385	rBV	267023	486096	2.02%	1.004%
41	10.390	1385	1392	1405	rVV	13115283	24087292	100.00%	49.750%
42	10.500	1405	1410	1416	rVV3	10115	20357	0.08%	0.042%
43	10.579	1416	1423	1432	rVV2	55757	99534	0.41%	0.206%
44	10.664	1432	1437	1440	rVV3	2954	5563	0.02%	0.011%
45	10.701	1440	1443	1450	rVV3	2837	6913	0.03%	0.014%
46	10.768	1450	1454	1462	rVB7	2217	6120	0.03%	0.013%
47	10.860	1462	1469	1475	rBV	99587	179840	0.75%	0.371%
48	10.921	1475	1479	1490	rVB	71732	123549	0.51%	0.255%
49	11.177	1516	1521	1525	rBV	5668	8526	0.04%	0.018%
50	11.231	1525	1530	1535	rVB	5437	8995	0.04%	0.019%
51	11.427	1552	1562	1570	rVB6	4322	14822	0.06%	0.031%
52	11.512	1570	1576	1581	rBV3	4660	8325	0.03%	0.017%
53	11.628	1587	1595	1604	rBV	306242	523944	2.18%	1.082%
54	11.731	1604	1612	1621	rBV	118141	200206	0.83%	0.414%
55	11.835	1621	1629	1639	rVV	404314	752187	3.12%	1.554%
56	11.914	1639	1642	1649	rVB2	6675	10840	0.05%	0.022%
57	12.164	1669	1683	1690	rBV	151228	267797	1.11%	0.553%
58	12.250	1690	1697	1701	rVB2	6963	14059	0.06%	0.029%
59	12.298	1701	1705	1707	rBV4	4522	6950	0.03%	0.014%
60	12.341	1707	1712	1714	rVV2	13321	22034	0.09%	0.046%
61	12.384	1716	1719	1727	rVB5	16357	28460	0.12%	0.059%
62	12.463	1727	1732	1736	rBV	8134	12792	0.05%	0.026%
63	12.603	1751	1755	1760	rVV	15670	25365	0.11%	0.052%
64	12.688	1764	1769	1776	rVB	100867	166850	0.69%	0.345%
65	12.865	1792	1798	1801	rBV	55332	90900	0.38%	0.188%
66	12.896	1801	1803	1805	rVV	23939	32352	0.13%	0.067%
67	12.938	1805	1810	1816	rVV3	64900	133167	0.55%	0.275%
68	12.987	1816	1818	1821	rVV4	5255	7281	0.03%	0.015%
69	13.030	1821	1825	1830	rVV	23185	34942	0.15%	0.072%
70	13.103	1830	1837	1843	rVV	32707	58992	0.24%	0.122%
71	13.164	1843	1847	1855	rVV5	8771	19987	0.08%	0.041%
72	13.249	1855	1861	1873	rVV	165591	272168	1.13%	0.562%
73	13.377	1876	1882	1887	rVV2	18580	37770	0.16%	0.078%
74	13.438	1887	1892	1897	rVV2	19384	36739	0.15%	0.076%
75	13.493	1897	1901	1905	rVV	6630	12315	0.05%	0.025%
76	13.554	1905	1911	1922	rVV2	321765	659377	2.74%	1.362%

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 Title : SFAM01.0

77	13.646	1922	1926	1931	rVV	9955	15709	0.07%	0.032%
78	13.713	1931	1937	1939	rVV4	7014	12435	0.05%	0.026%
79	13.749	1939	1943	1947	rVV2	32991	58700	0.24%	0.121%
80	13.786	1947	1949	1952	rVV3	14818	23139	0.10%	0.048%
81	13.853	1952	1960	1972	rVV2	256192	520575	2.16%	1.075%
82	13.944	1972	1975	1981	rVV	12963	18408	0.08%	0.038%
83	14.005	1981	1985	1988	rVV	8876	13711	0.06%	0.028%
84	14.036	1988	1990	1993	rVV	9014	12806	0.05%	0.026%
85	14.091	1996	1999	2005	rVB	18041	28274	0.12%	0.058%
86	14.158	2005	2010	2012	rBV	3015	4885	0.02%	0.010%
87	14.200	2012	2017	2023	rVB2	17818	30755	0.13%	0.064%
88	14.335	2033	2039	2043	rBV3	9931	16938	0.07%	0.035%
89	14.383	2043	2047	2049	rBV4	3918	5292	0.02%	0.011%
90	14.414	2049	2052	2055	rVV	9235	12983	0.05%	0.027%
91	14.456	2055	2059	2063	rVB	10965	15908	0.07%	0.033%
92	14.639	2079	2089	2093	rVB5	3402	7958	0.03%	0.016%
93	14.694	2093	2098	2101	rBV4	2673	6073	0.03%	0.013%
94	14.792	2107	2114	2122	rBV2	21188	43164	0.18%	0.089%
95	14.956	2136	2141	2149	rBV3	5988	9682	0.04%	0.020%
96	15.060	2153	2158	2162	rBV4	3033	5548	0.02%	0.011%
97	15.170	2170	2176	2184	rVB4	4524	9929	0.04%	0.021%
98	15.359	2202	2207	2213	rBV	11227	18806	0.08%	0.039%
99	16.438	2376	2384	2395	rVV	5606	13371	0.06%	0.028%
100	16.633	2409	2416	2424	rVV2	4660	10288	0.04%	0.021%

Sum of corrected areas: 48416279

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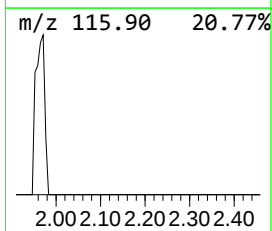
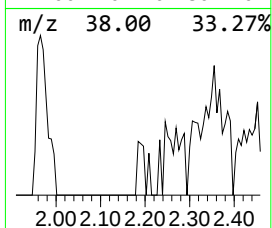
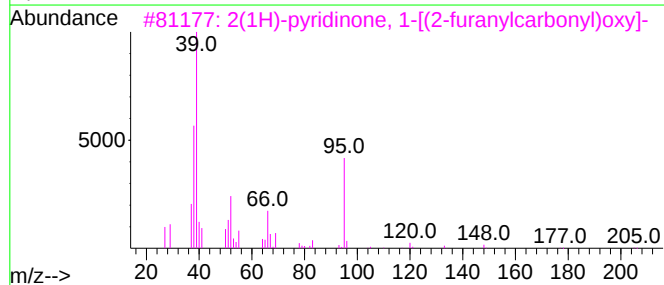
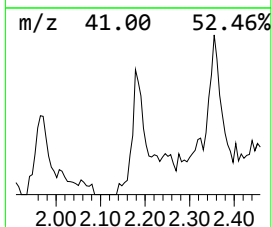
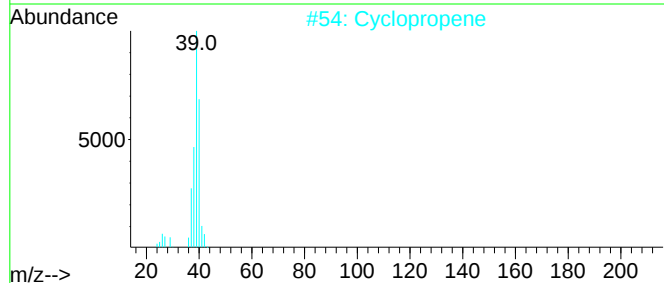
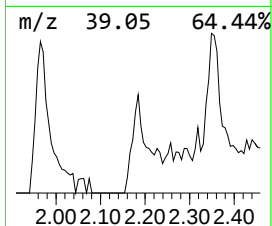
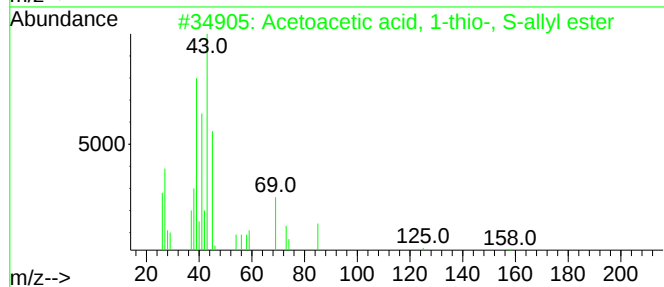
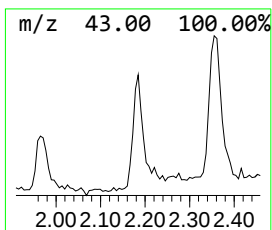
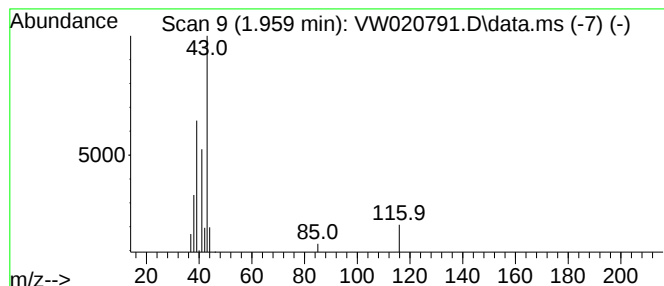
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.959	1.70 ug/L	29982	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetoacetic acid, 1-thio-, S-all...	158	C7H10O2S	015780-65-1	45
2			Cyclopropene	40	C3H4	002781-85-3	9
3			2(1H)-pyridinone, 1-[(2-furanylc...	205	C10H7NO4	1000396-07-6	9
4			2-Butenedioic acid, 2-methyl-, (Z)-	130	C5H6O4	000498-23-7	9
5			2H-Pyran, 2-(2,5-hexadiynyloxy)t...	178	C11H14O2	040924-58-1	9



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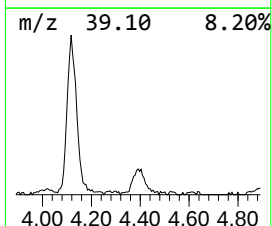
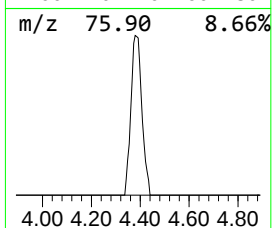
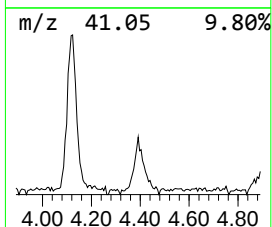
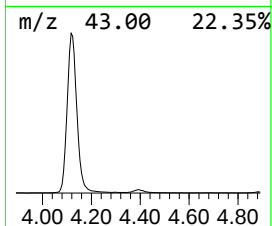
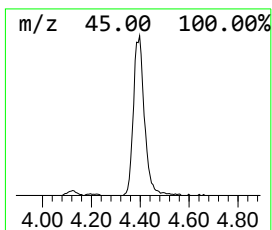
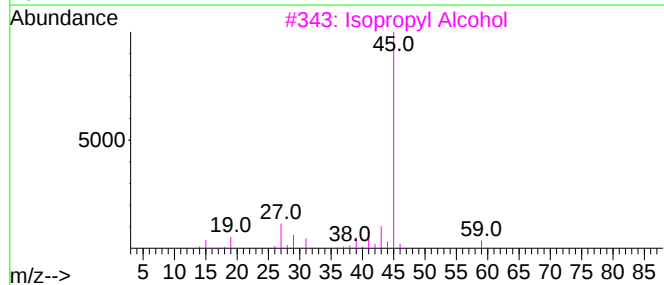
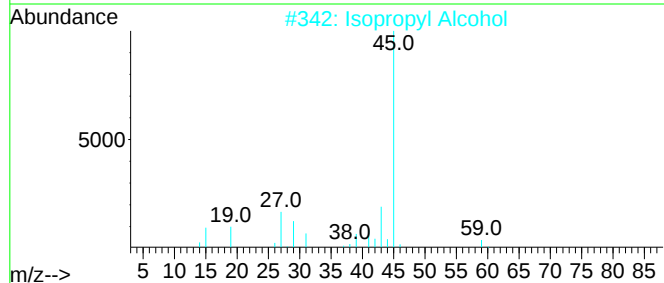
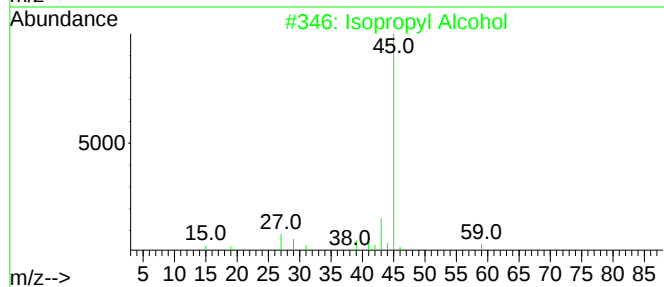
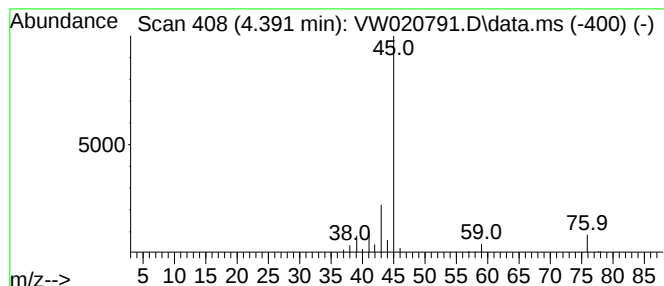
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Isopropyl Alcohol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.391	2.44 ug/L	43048	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropyl Alcohol	60	C3H8O	000067-63-0	56
2			Isopropyl Alcohol	60	C3H8O	000067-63-0	56
3			Isopropyl Alcohol	60	C3H8O	000067-63-0	40
4			Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	40
5			Propane, 2-ethoxy-	88	C5H12O	000625-54-7	39



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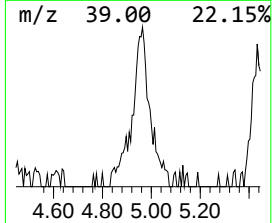
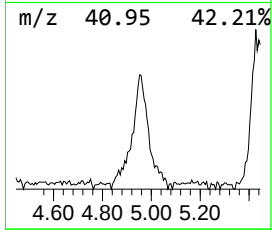
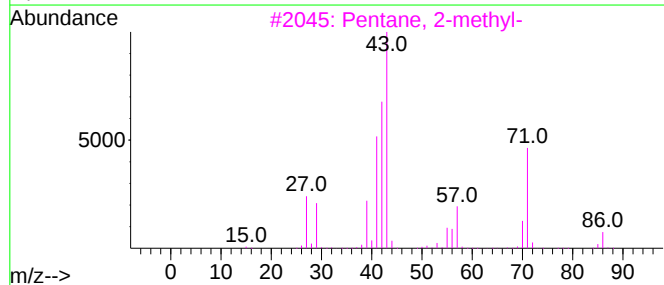
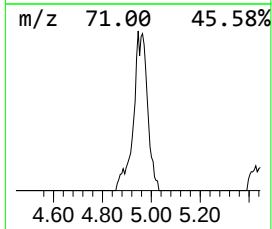
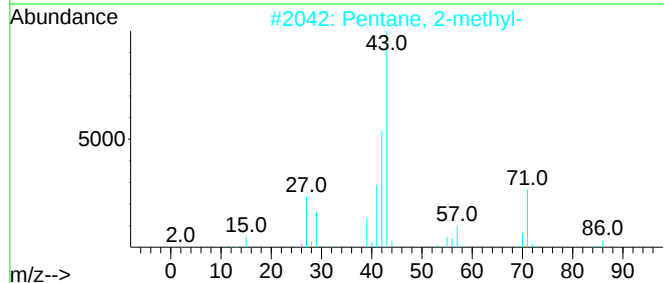
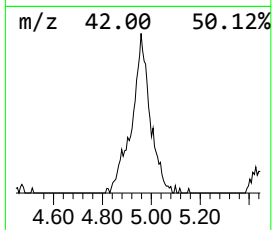
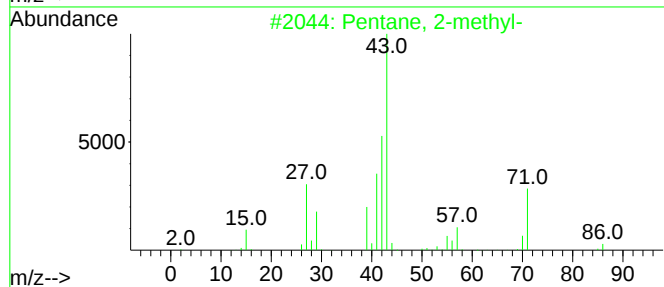
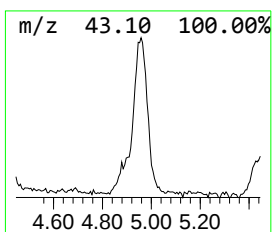
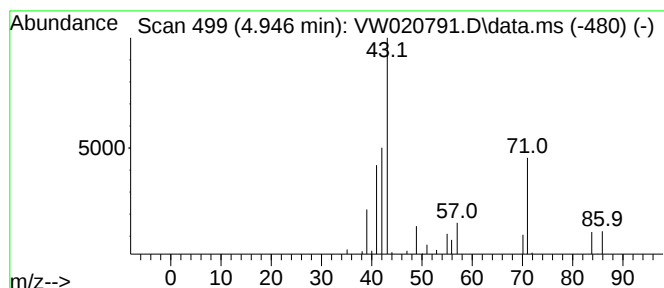
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.946	3.27 ug/L	57588	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	59
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	59
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	59
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	59
5	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	50



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Operator : SY/VA
Sample : M4464-09
Misc : 6.31g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB7K7

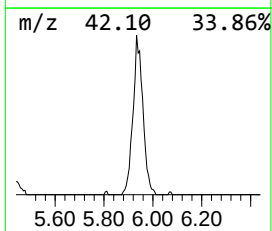
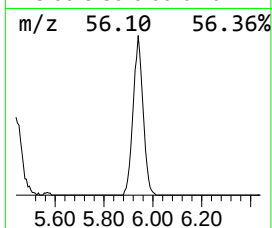
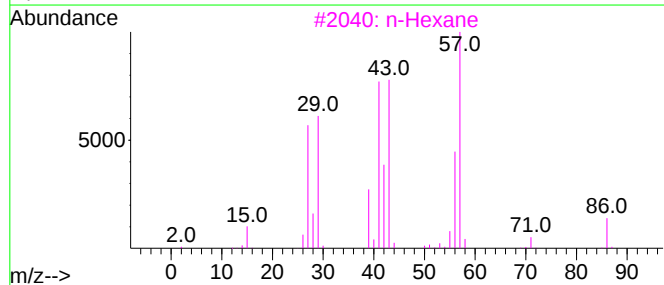
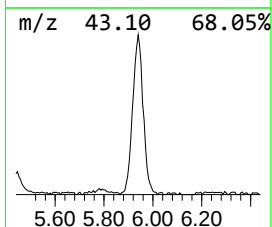
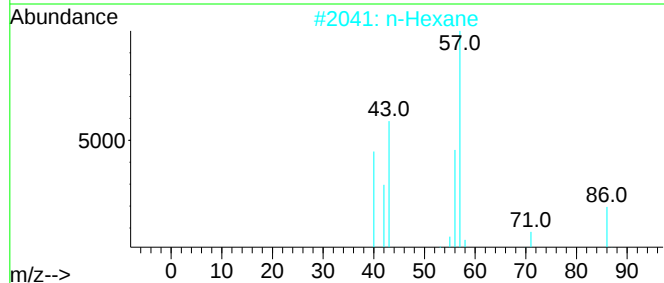
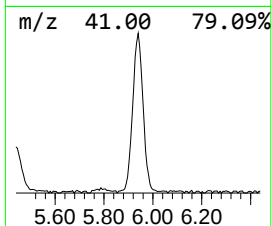
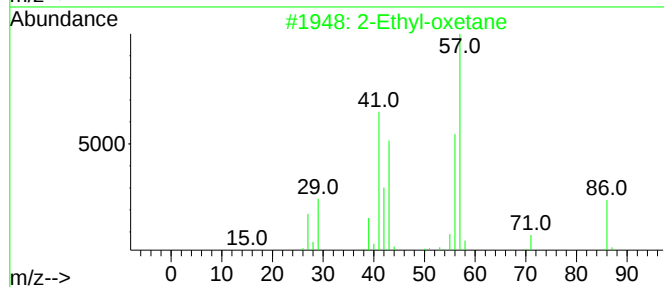
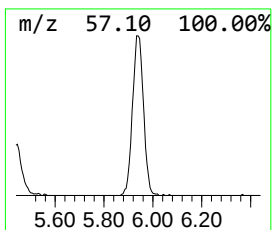
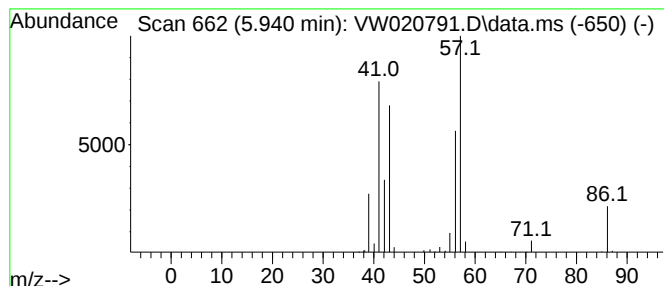
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Quant Title : SFAM01.0

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

Peak Number 4 2-Ethyl-oxetane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.940	5.89 ug/L	103753	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane			86	C5H10O	1010386-40-2	86
2	n-Hexane			86	C6H14	000110-54-3	72
3	n-Hexane			86	C6H14	000110-54-3	64
4	n-Hexane			86	C6H14	000110-54-3	59
5	n-Hexane			86	C6H14	000110-54-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110621\
Data File : VW020791.D
Acq On : 05 Nov 2021 20:01
Operator : SY/VA
Sample : M4464-09
Misc : 6.31g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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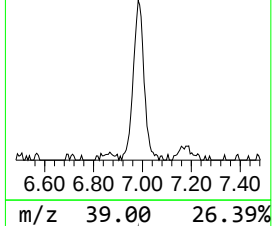
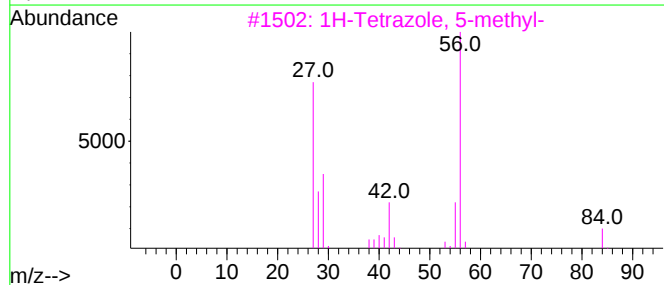
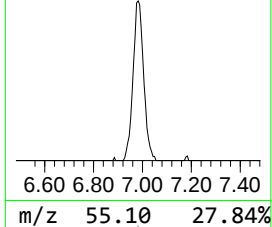
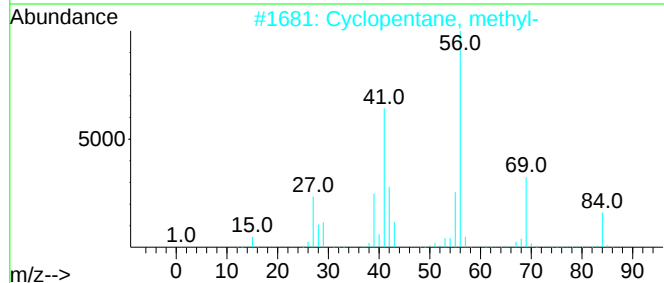
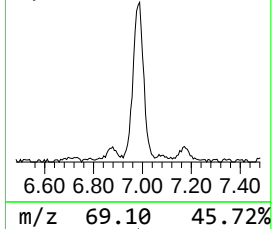
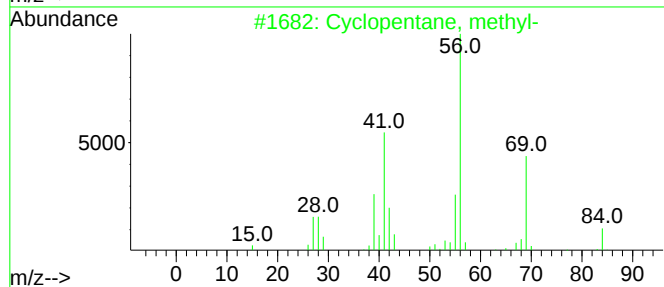
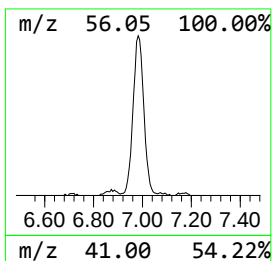
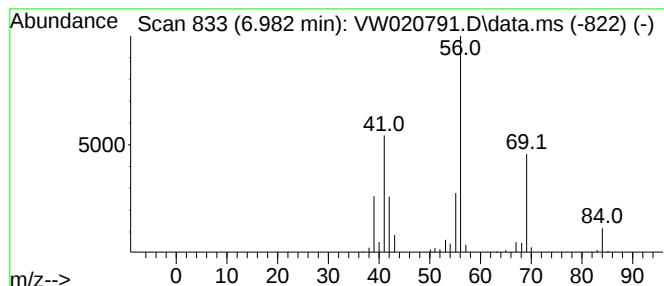
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Cyclic6.892 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.982	4.37 ug/L	76977	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2			Cyclopentane, methyl-	84	C6H12	000096-37-7	86
3			1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
4			Cyclohexane	84	C6H12	000110-82-7	78
5			Cyclopentane, methyl-	84	C6H12	000096-37-7	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110621\
Data File : VW020791.D
Acq On : 05 Nov 2021 20:01
Operator : SY/VA
Sample : M4464-09
Misc : 6.31g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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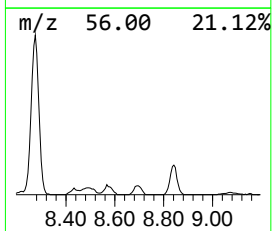
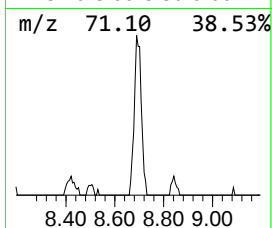
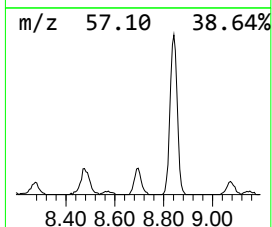
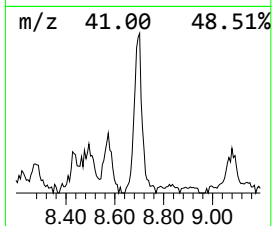
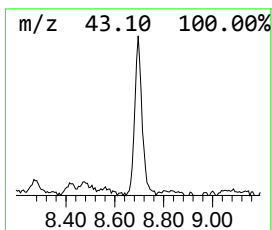
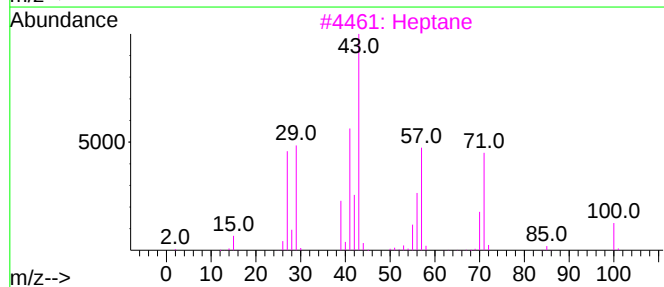
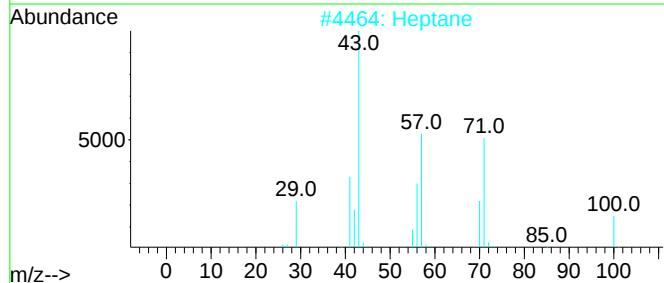
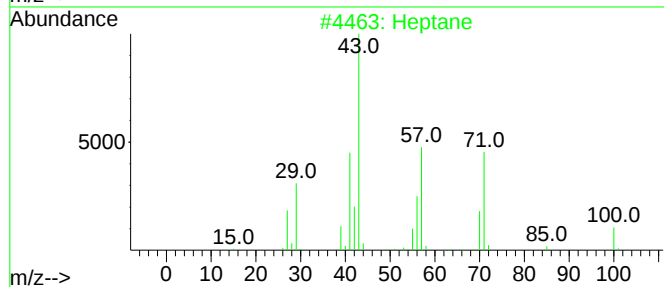
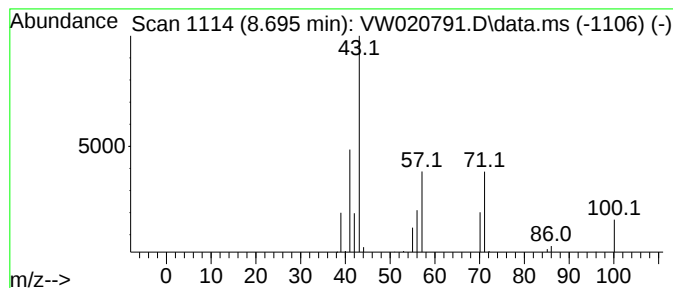
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.695	1.55 ug/L	27241	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane	100	C7H16	000142-82-5	90
2		Heptane	100	C7H16	000142-82-5	87
3		Heptane	100	C7H16	000142-82-5	78
4		Heptane	100	C7H16	000142-82-5	59
5		Pentane, 2-methyl-	86	C6H14	000107-83-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110621\
Data File : VW020791.D
Acq On : 05 Nov 2021 20:01
Operator : SY/VA
Sample : M4464-09
Misc : 6.31g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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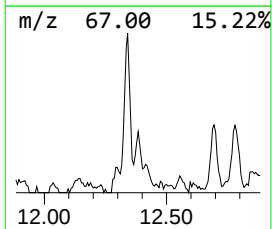
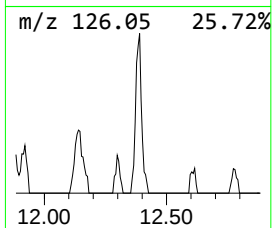
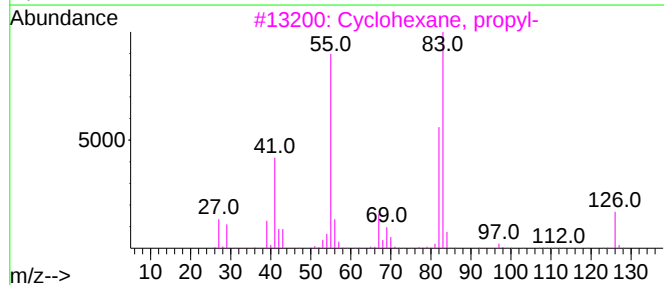
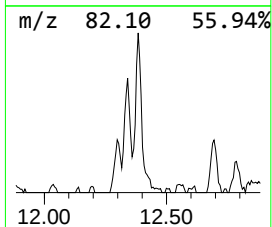
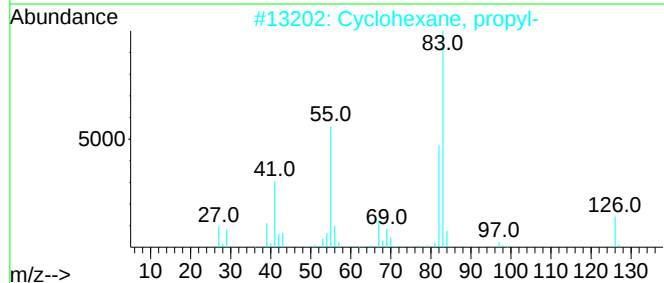
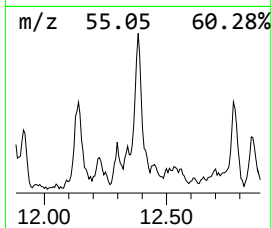
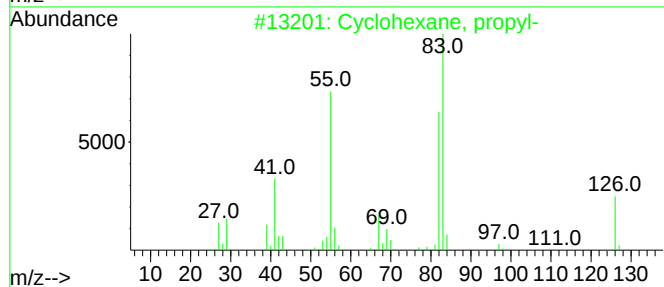
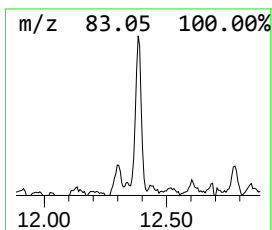
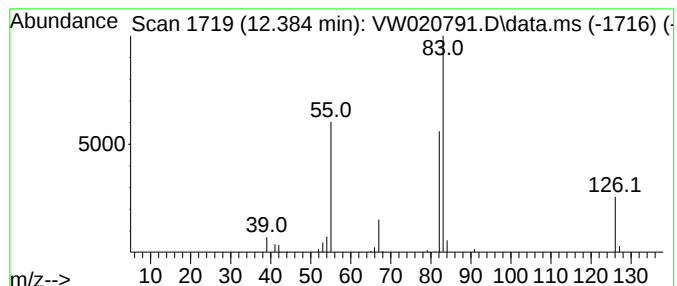
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Cyclic12.384 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.384	1.36 ug/L	28460	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	90
2			Cyclohexane, propyl-	126	C9H18	001678-92-8	83
3			Cyclohexane, propyl-	126	C9H18	001678-92-8	78
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	78
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110621\
Data File : VW020791.D
Acq On : 05 Nov 2021 20:01
Operator : SY/VA
Sample : M4464-09
Misc : 6.31g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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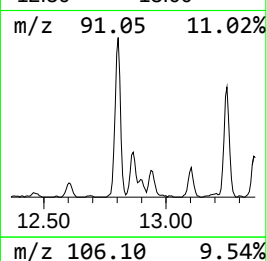
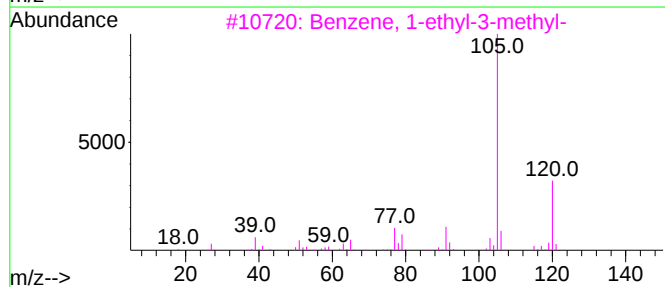
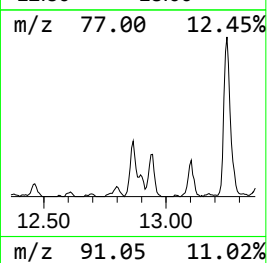
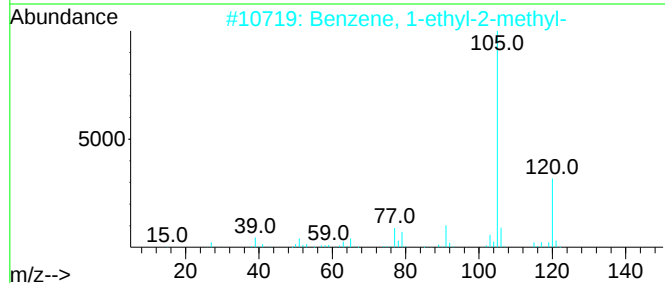
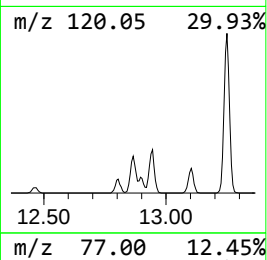
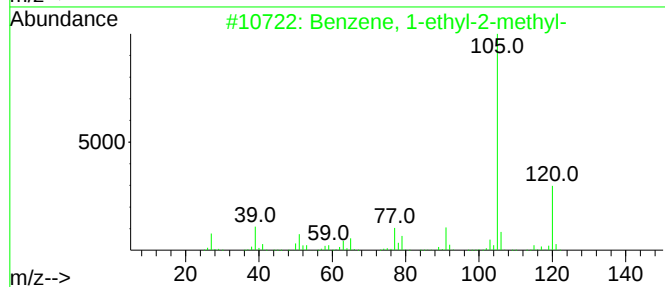
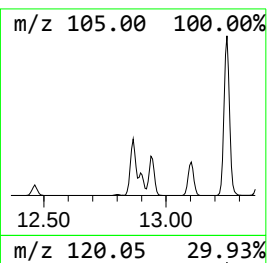
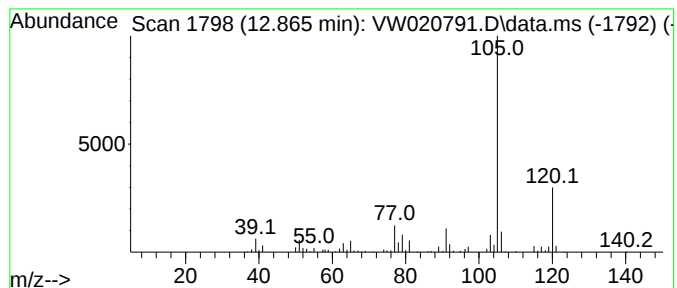
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Quant Title : SFAM01.0

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

Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	3.45 ug/L	90900	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110621\
Data File : VW020791.D
Acq On : 05 Nov 2021 20:01
Operator : SY/VA
Sample : M4464-09
Misc : 6.31g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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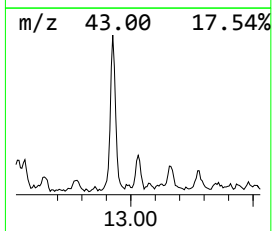
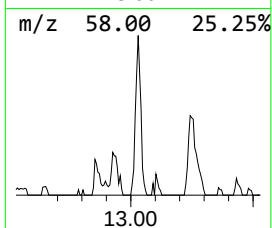
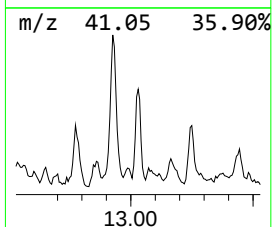
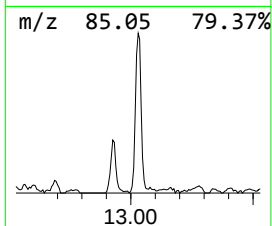
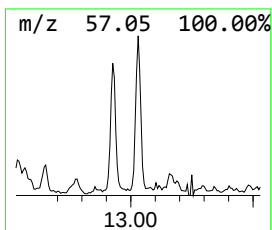
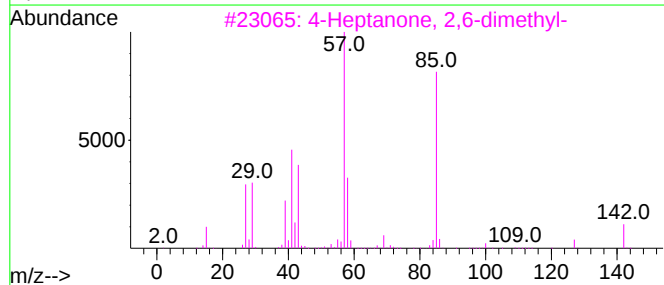
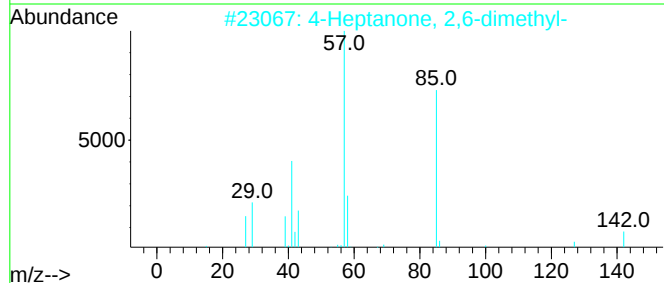
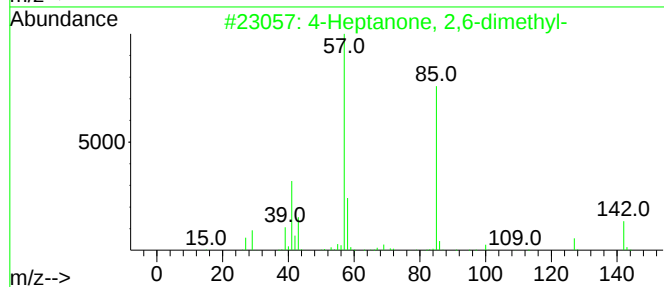
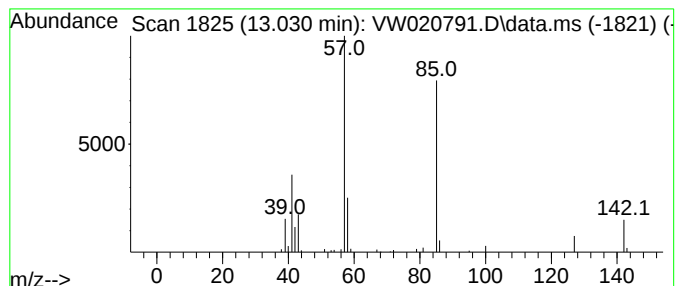
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Quant Title : SFAM01.0

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

Peak Number 10 4-Heptanone, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.030	1.32 ug/L	34942	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	91
2			4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	91
3			4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	90
4			4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	90
5			5-Nonanone	142	C9H18O	000502-56-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110621\
Data File : VW020791.D
Acq On : 05 Nov 2021 20:01
Operator : SY/VA
Sample : M4464-09
Misc : 6.31g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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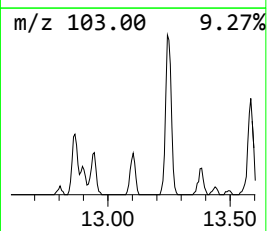
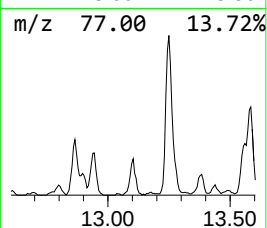
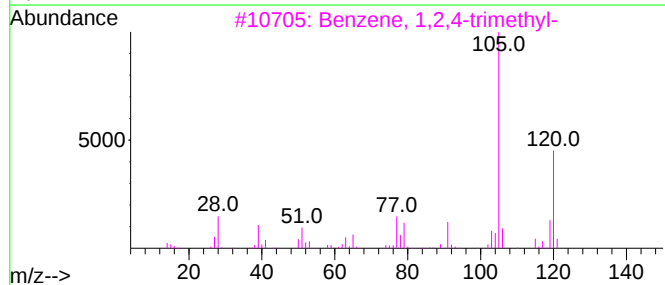
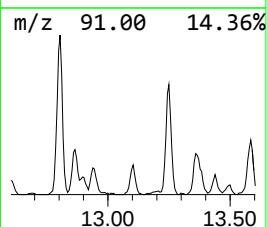
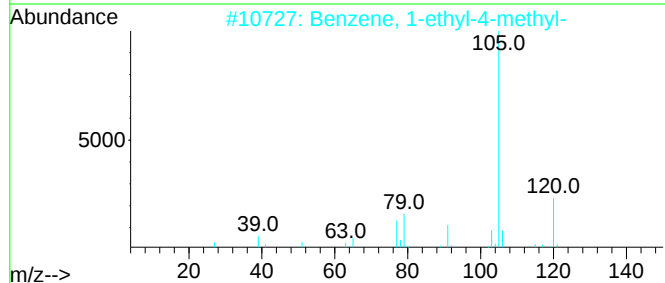
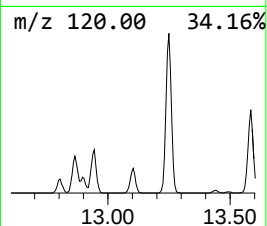
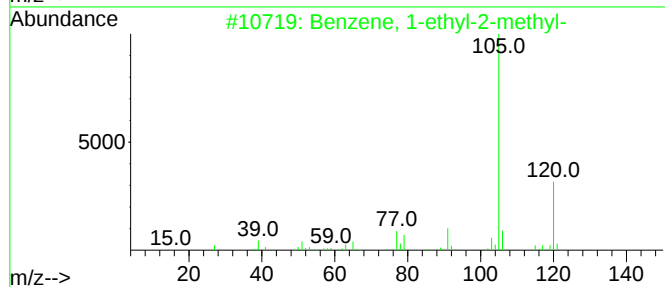
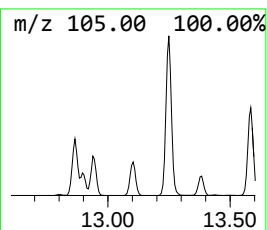
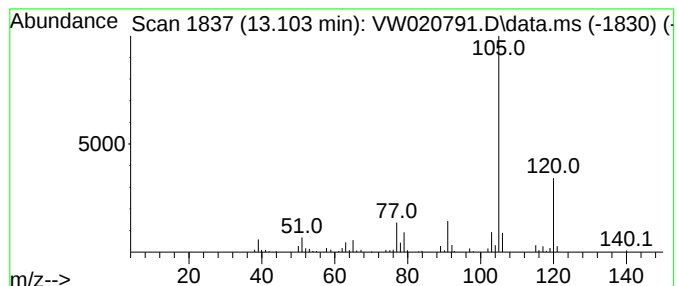
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Quant Title : SFAM01.0

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

Peak Number 11 Benzene, 1-ethyl-4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.103	2.24 ug/L	58992	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110621\
Data File : VW020791.D
Acq On : 05 Nov 2021 20:01
Operator : SY/VA
Sample : M4464-09
Misc : 6.31g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB7K7

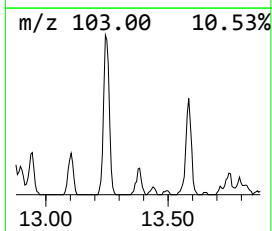
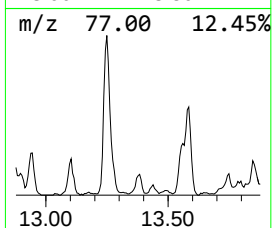
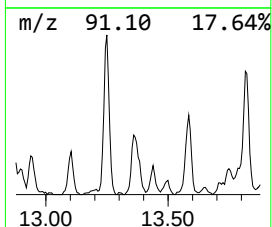
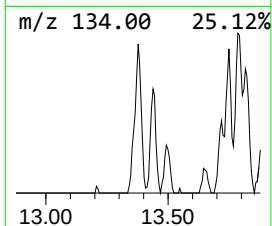
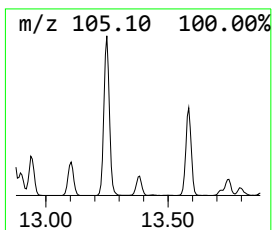
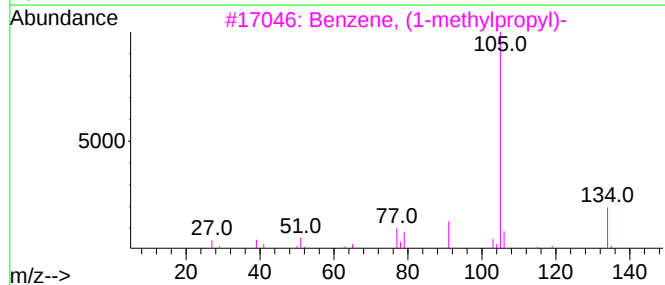
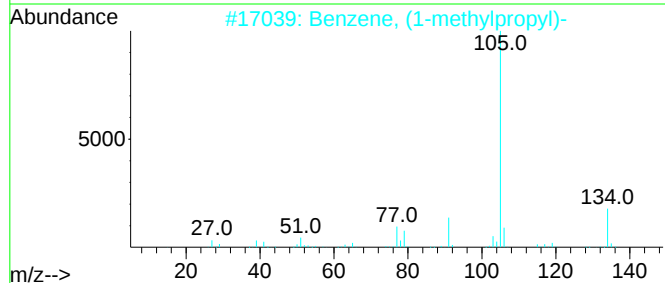
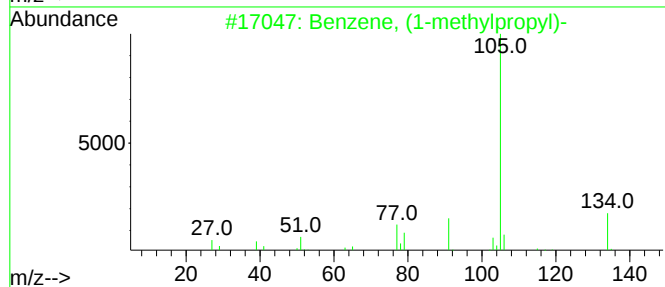
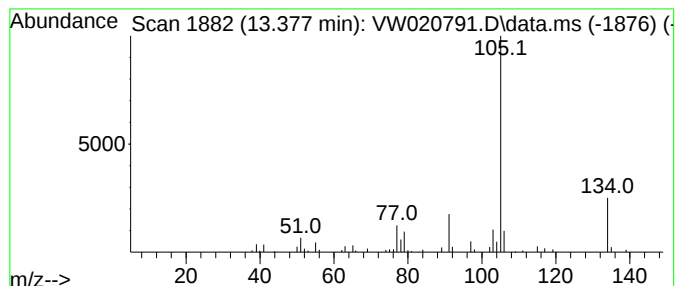
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Quant Title : SFAM01.0

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

Peak Number 12 Benzene, (1-methylpropyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.377	1.43 ug/L	37770	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90
2			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90
3			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90
4			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
5			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110621\
Data File : VW020791.D
Acq On : 05 Nov 2021 20:01
Operator : SY/VA
Sample : M4464-09
Misc : 6.31g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB7K7

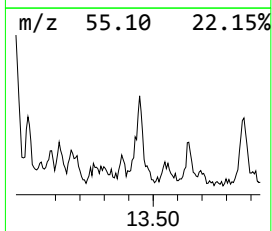
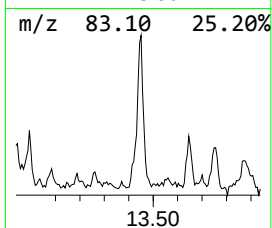
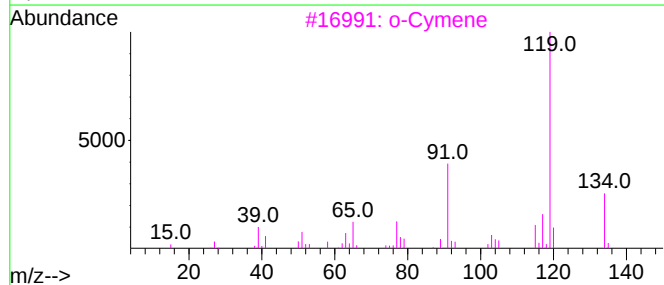
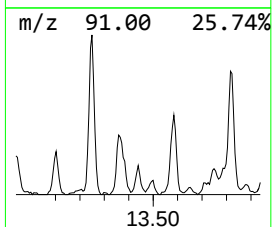
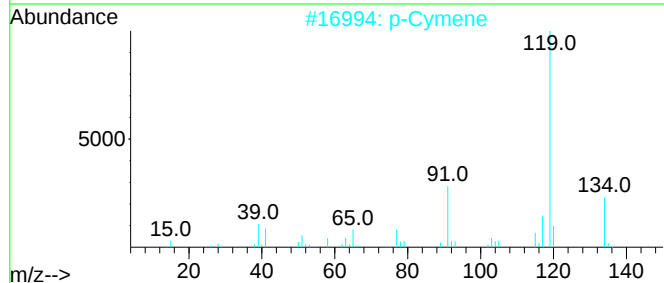
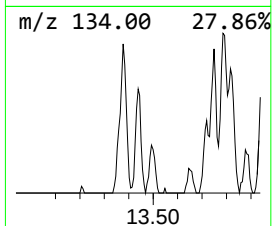
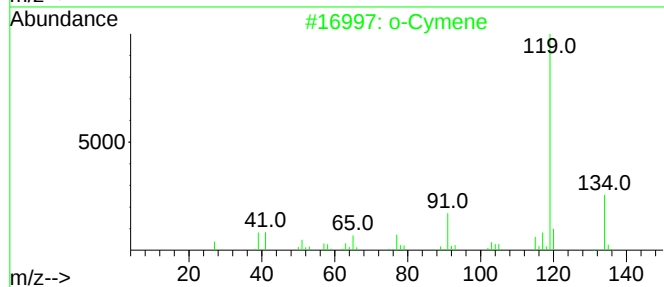
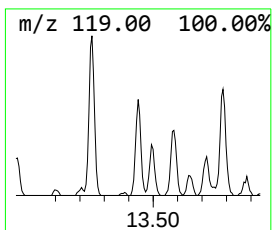
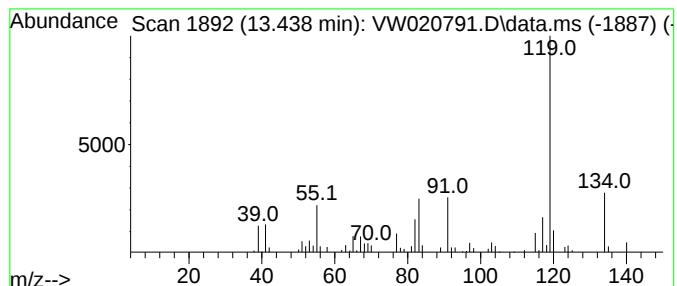
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Quant Title : SFAM01.0

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

Peak Number 13 o-Cymene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.438	1.39 ug/L	36739	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	94
2			p-Cymene	134	C10H14	000099-87-6	90
3			o-Cymene	134	C10H14	000527-84-4	81
4			p-Cymene	134	C10H14	000099-87-6	81
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110621\
Data File : VW020791.D
Acq On : 05 Nov 2021 20:01
Operator : SY/VA
Sample : M4464-09
Misc : 6.31g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB7K7

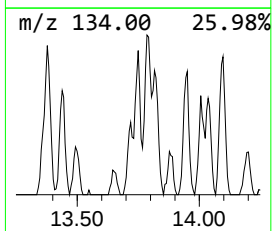
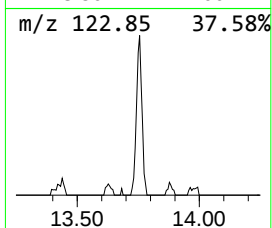
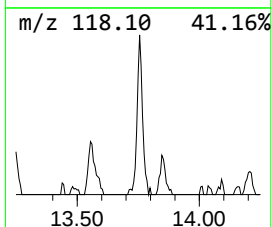
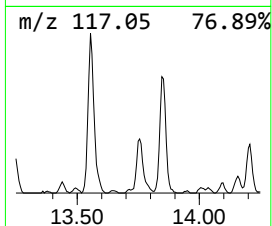
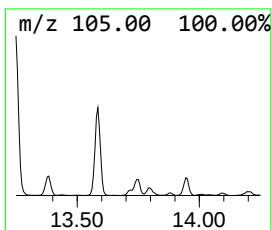
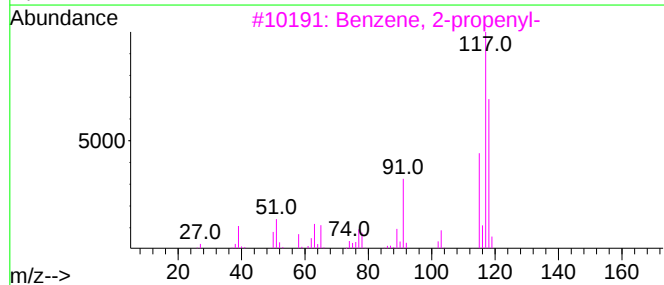
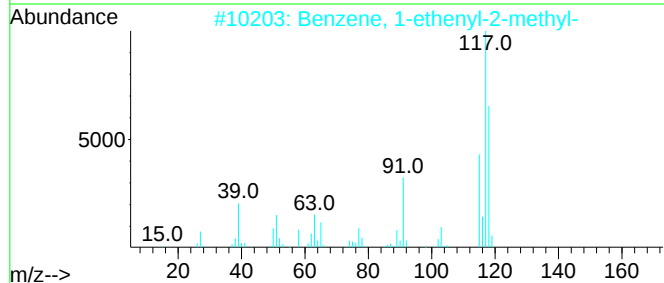
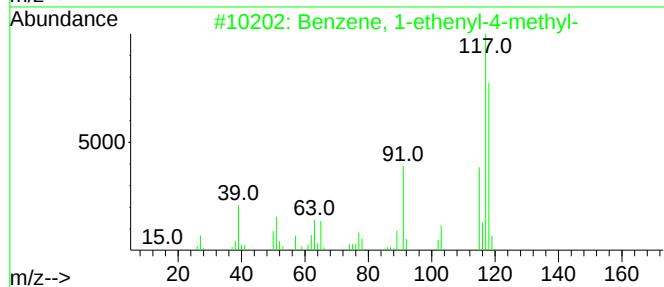
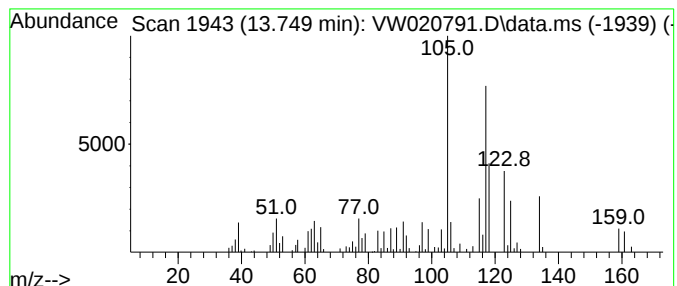
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Quant Title : SFAM01.0

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

Peak Number 14 Benzene, 1-ethenyl-4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.749	2.23 ug/L	58700	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	60
2			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
3			Benzene, 2-propenyl-	118	C9H10	000300-57-2	53
4			Indane	118	C9H10	000496-11-7	49
5			Benzene, cyclopropyl-	118	C9H10	000873-49-4	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110621\
Data File : VW020791.D
Acq On : 05 Nov 2021 20:01
Operator : SY/VA
Sample : M4464-09
Misc : 6.31g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB7K7

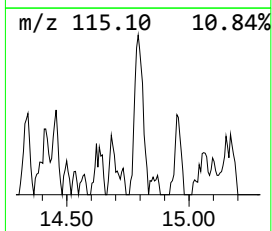
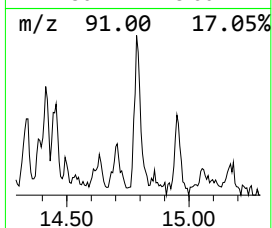
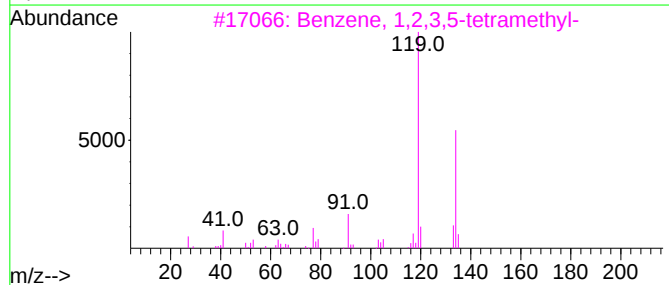
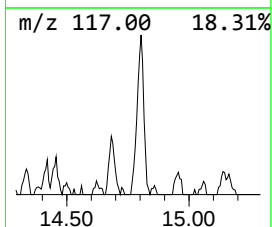
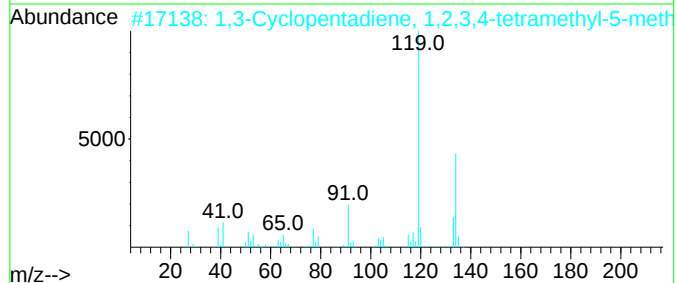
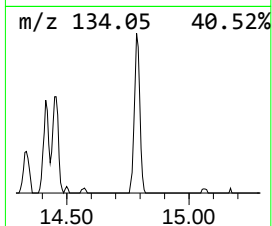
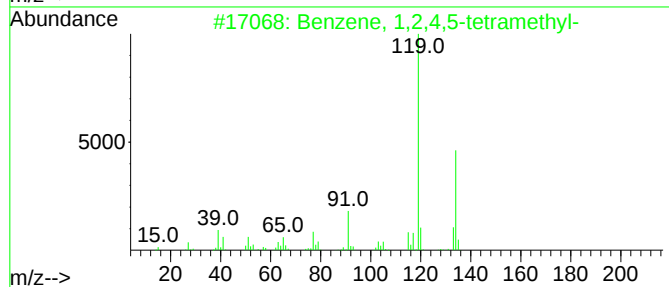
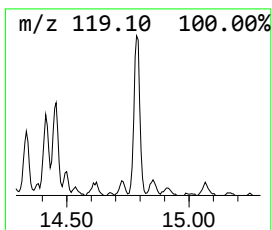
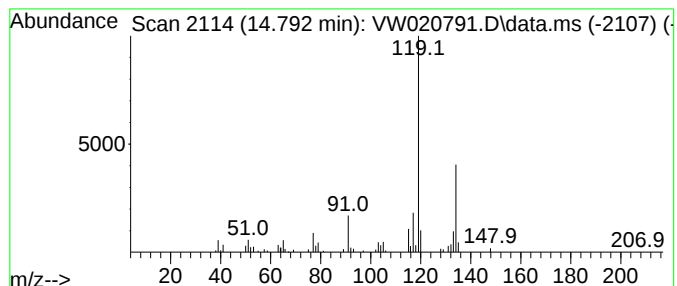
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Quant Title : SFAM01.0

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

Peak Number 15 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	1.64 ug/L	43164	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	97
2			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110621\
 Data File : VW020791.D
 Acq On : 05 Nov 2021 20:01
 Operator : SY/VA
 Sample : M4464-09
 Misc : 6.31g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB7K7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.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
unknown-01	1.959	1.7	ug/L	29982	1	8.842	440720	25.0
Isopropyl Alcohol	4.391	2.4	ug/L	43048	1	8.842	440720	25.0
(DEL) Alkane: S...	4.946	3.3	ug/L	57588	1	8.842	440720	25.0
2-Ethyl-oxetane	5.940	5.9	ug/L	103753	1	8.842	440720	25.0
(DEL) Alkane: C...	6.982	4.4	ug/L	76977	1	8.842	440720	25.0
(DEL) Alkane: S...	8.695	1.6	ug/L	27241	1	8.842	440720	25.0
(DEL) Alkane: C...	12.384	1.4	ug/L	28460	2	11.628	523944	25.0
Benzene, 1-ethy...	12.865	3.5	ug/L	90900	3	13.554	659377	25.0
4-Heptanone, 2,...	13.030	1.3	ug/L	34942	3	13.554	659377	25.0
Benzene, 1-ethy...	13.103	2.2	ug/L	58992	3	13.554	659377	25.0
Benzene, (1-met...	13.377	1.4	ug/L	37770	3	13.554	659377	25.0
o-Cymene	13.438	1.4	ug/L	36739	3	13.554	659377	25.0
Benzene, 1-ethe...	13.749	2.2	ug/L	58700	3	13.554	659377	25.0
Benzene, 1,2,4,...	14.792	1.6	ug/L	43164	3	13.554	659377	25.0