

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
 Data File : VW021468.D
 Acq On : 18 Dec 2021 11:53
 Operator : SY/VA
 Sample : M5154-09
 Misc : 7.06g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL89

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\SFAMWLM120921SMA.M
 Title : SFAM01.0

Signal : TIC: VW021468.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.013	335	346	355	rBV2	23684	67642	0.13%	0.042%
2	4.964	478	502	518	rBV2	77817	330893	0.64%	0.207%
3	5.440	566	580	595	rBV2	62926	219699	0.43%	0.137%
4	5.940	648	662	677	rVB	91150	276670	0.54%	0.173%
5	6.982	825	833	842	rVV2	38584	109555	0.21%	0.068%
6	7.647	930	942	958	rBV	41280	121796	0.24%	0.076%
7	7.921	979	987	999	rBV3	58345	171707	0.33%	0.107%
8	8.031	999	1005	1016	rVB	28122	74265	0.14%	0.046%
9	8.159	1016	1026	1033	rBV	79117	183180	0.36%	0.114%
10	8.275	1038	1045	1062	rVB2	70282	232187	0.45%	0.145%
11	8.506	1075	1083	1089	rVV4	17900	60472	0.12%	0.038%
12	8.695	1103	1114	1125	rVB	74928	159583	0.31%	0.100%
13	8.842	1127	1138	1150	rBV3	87932	213061	0.41%	0.133%
14	9.073	1169	1176	1183	rBV2	37417	86004	0.17%	0.054%
15	9.275	1201	1209	1213	rBV	60923	139106	0.27%	0.087%
16	9.335	1214	1219	1224	rVV3	89255	192409	0.37%	0.120%
17	9.957	1316	1321	1325	rBV	50875	92537	0.18%	0.058%
18	10.098	1338	1344	1356	rVB	61938	142112	0.28%	0.089%
19	10.323	1373	1381	1386	rBV	165565	320573	0.62%	0.200%
20	10.390	1386	1392	1398	rVB	303013	555423	1.08%	0.347%
21	10.500	1404	1410	1417	rVB3	48615	104535	0.20%	0.065%
22	10.579	1417	1423	1432	rBV2	27802	58114	0.11%	0.036%
23	10.665	1432	1437	1445	rBV	40369	76236	0.15%	0.048%
24	10.762	1445	1453	1458	rBV2	42286	95334	0.19%	0.060%
25	10.847	1462	1467	1472	rVB2	27113	50972	0.10%	0.032%
26	10.927	1472	1480	1486	rBV2	73387	162902	0.32%	0.102%
27	11.030	1494	1497	1500	rVV3	36308	61218	0.12%	0.038%
28	11.110	1506	1510	1513	rVV2	47386	77866	0.15%	0.049%
29	11.183	1517	1522	1526	rVV	91936	178584	0.35%	0.112%
30	11.231	1526	1530	1534	rVV	70783	132508	0.26%	0.083%
31	11.280	1534	1538	1543	rVV3	43068	100397	0.20%	0.063%
32	11.341	1543	1548	1551	rVV4	66875	124086	0.24%	0.078%
33	11.408	1551	1559	1571	rVV4	163577	566700	1.10%	0.354%
34	11.512	1571	1576	1582	rVV	130873	219150	0.43%	0.137%
35	11.634	1590	1596	1604	rBV2	108193	218316	0.43%	0.136%
36	11.731	1604	1612	1622	rBV	14205060	24556500	47.81%	15.345%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Title : SFAM01.0

37	11.841	1622	1630	1641	rBV	20940285	51358456	100.00%	32.094%
38	11.920	1641	1643	1648	rVB2	100960	135486	0.26%	0.085%
39	12.055	1659	1665	1671	rVB4	54684	121299	0.24%	0.076%
40	12.164	1671	1683	1691	rBV	7782471	13406744	26.10%	8.378%
41	12.250	1691	1697	1701	rVB2	129230	234441	0.46%	0.147%
42	12.304	1701	1706	1707	rBV3	84447	118190	0.23%	0.074%
43	12.341	1707	1712	1715	rBV2	115580	209189	0.41%	0.131%
44	12.384	1715	1719	1723	rVB	141232	215319	0.42%	0.135%
45	12.463	1726	1732	1737	rBV	1137780	1765717	3.44%	1.103%
46	12.536	1742	1744	1746	rVV	68022	81898	0.16%	0.051%
47	12.567	1746	1749	1754	rVB	180187	251131	0.49%	0.157%
48	12.646	1759	1762	1766	rVB	116431	141803	0.28%	0.089%
49	12.695	1766	1770	1775	rVB3	104180	161444	0.31%	0.101%
50	12.804	1780	1788	1792	rBV	1247634	2018656	3.93%	1.261%
51	12.865	1792	1798	1801	rBV	2447443	3982699	7.75%	2.489%
52	12.896	1801	1803	1807	rVV	1438881	2087497	4.06%	1.304%
53	12.938	1807	1810	1816	rVB	2032202	3103707	6.04%	1.939%
54	12.993	1816	1819	1824	rVB	126469	184106	0.36%	0.115%
55	13.103	1824	1837	1843	rBV	1899152	3354952	6.53%	2.096%
56	13.164	1843	1847	1851	rBV2	191369	275691	0.54%	0.172%
57	13.249	1855	1861	1867	rBV	7370452	11340088	22.08%	7.086%
58	13.438	1887	1892	1897	rBV2	536715	875114	1.70%	0.547%
59	13.487	1897	1900	1907	rVB3	264855	503918	0.98%	0.315%
60	13.585	1907	1916	1926	rVB	2273152	3800629	7.40%	2.375%
61	13.719	1932	1938	1939	rBV	309665	450756	0.88%	0.282%
62	13.755	1939	1944	1949	rVV2	3176776	5180044	10.09%	3.237%
63	13.871	1958	1963	1968	rBV4	556502	952113	1.85%	0.595%
64	13.944	1968	1975	1980	rVV2	451335	857865	1.67%	0.536%
65	14.005	1981	1985	1988	rVV	561552	948054	1.85%	0.592%
66	14.036	1988	1990	1995	rVV	551770	716277	1.39%	0.448%
67	14.091	1995	1999	2005	rVB	831159	1233937	2.40%	0.771%
68	14.158	2006	2010	2012	rBV	63109	77564	0.15%	0.048%
69	14.200	2012	2017	2022	rVB2	614296	1009852	1.97%	0.631%
70	14.261	2022	2027	2033	rBV5	120916	286850	0.56%	0.179%
71	14.335	2033	2039	2043	rBV2	385934	646056	1.26%	0.404%
72	14.389	2043	2048	2049	rVV2	198326	296511	0.58%	0.185%
73	14.414	2049	2052	2055	rVV	486154	743441	1.45%	0.465%
74	14.457	2055	2059	2062	rVV	691029	1114073	2.17%	0.696%
75	14.493	2062	2065	2069	rVV2	425023	719569	1.40%	0.450%
76	14.536	2069	2072	2080	rVB4	199279	360862	0.70%	0.226%

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 Title : SFAM01.0

77	14.639	2085	2089	2092	rVB	144132	197005	0.38%	0.123%
78	14.682	2092	2096	2099	rBV2	328226	528262	1.03%	0.330%
79	14.719	2099	2102	2108	rVB2	318368	524601	1.02%	0.328%
80	14.792	2108	2114	2121	rBV3	820573	1975771	3.85%	1.235%
81	14.853	2121	2124	2129	rVB	148955	224933	0.44%	0.141%
82	14.950	2136	2140	2146	rBV2	178084	283650	0.55%	0.177%
83	15.060	2153	2158	2166	rBV2	230383	531537	1.03%	0.332%
84	15.127	2166	2169	2172	rVV2	126907	202924	0.40%	0.127%
85	15.164	2172	2175	2184	rVB3	187447	411001	0.80%	0.257%
86	15.243	2185	2188	2195	rVB6	47063	109137	0.21%	0.068%
87	15.359	2195	2207	2214	rBV	3152121	5782029	11.26%	3.613%
88	15.462	2219	2224	2229	rBV3	138156	239292	0.47%	0.150%
89	15.548	2234	2238	2246	rVB2	143509	268040	0.52%	0.167%
90	15.651	2247	2255	2261	rBV3	141250	327595	0.64%	0.205%
91	15.718	2263	2266	2271	rVB3	34461	53946	0.11%	0.034%
92	15.816	2278	2282	2285	rBV2	41162	72712	0.14%	0.045%
93	15.853	2286	2288	2294	rVB3	75191	115474	0.22%	0.072%
94	15.944	2298	2303	2308	rVB2	76702	139472	0.27%	0.087%
95	16.023	2309	2316	2321	rBV2	48639	116629	0.23%	0.073%
96	16.164	2330	2339	2344	rBV7	57043	172915	0.34%	0.108%
97	16.279	2354	2358	2363	rVB3	35580	59954	0.12%	0.037%
98	16.371	2363	2373	2377	rVV4	73017	189004	0.37%	0.118%
99	16.432	2377	2383	2397	rVB	358181	863613	1.68%	0.540%
100	16.639	2409	2417	2430	rVB	321725	783091	1.52%	0.489%

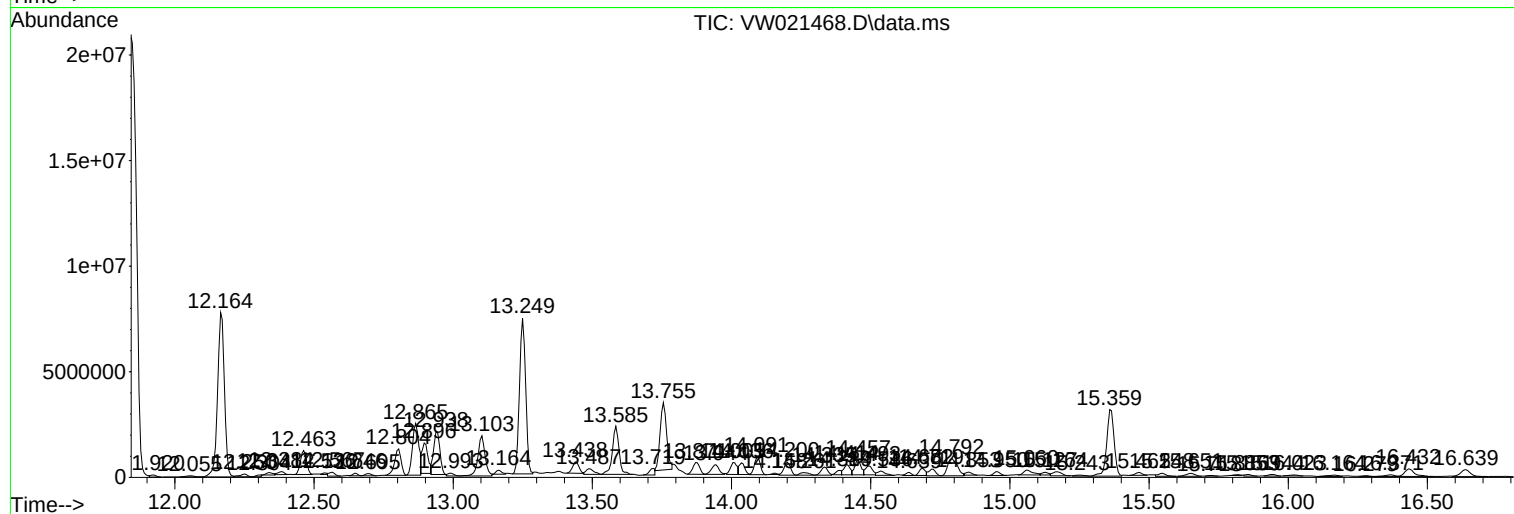
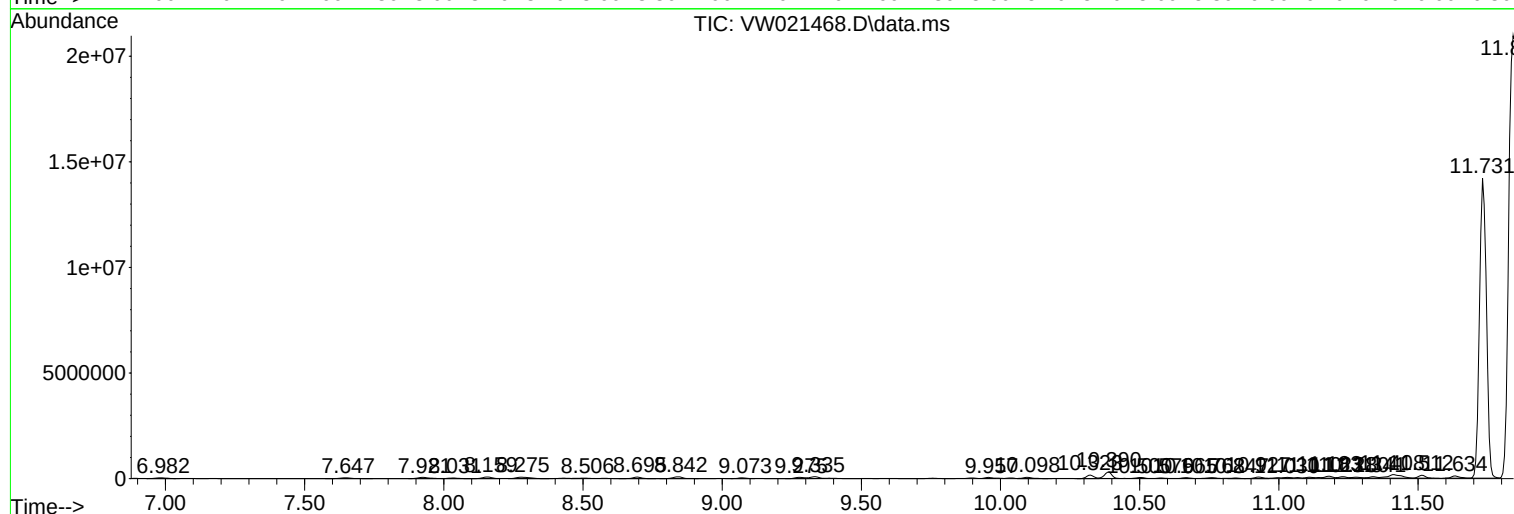
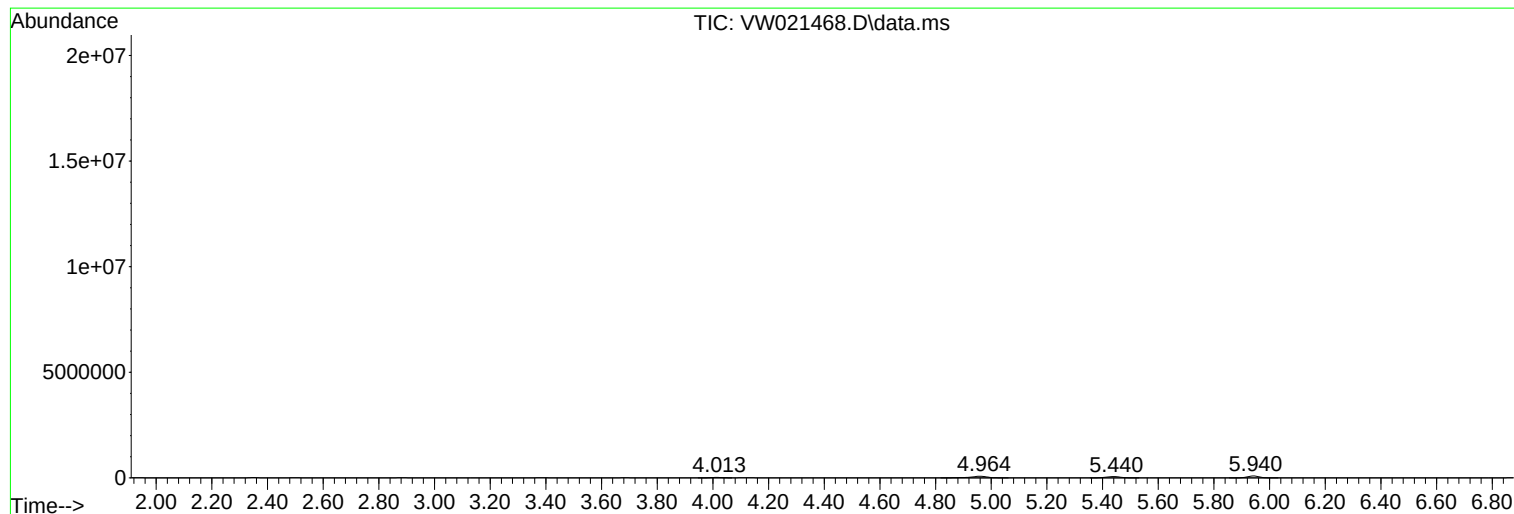
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Instrument :
MSVOA_W
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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



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Instrument :
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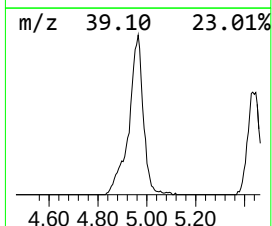
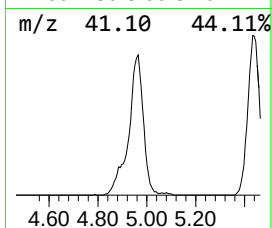
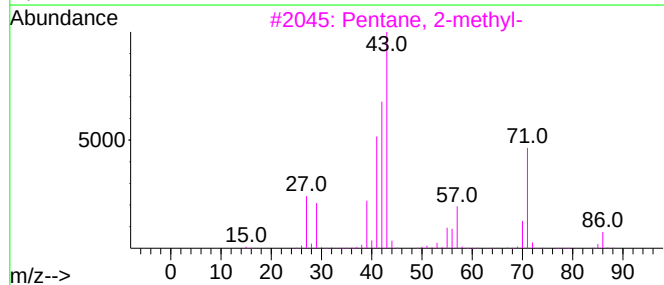
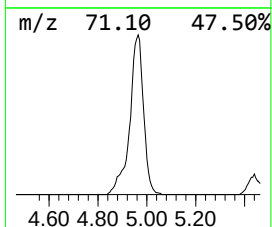
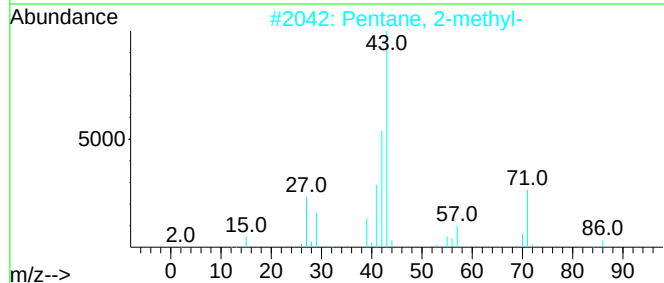
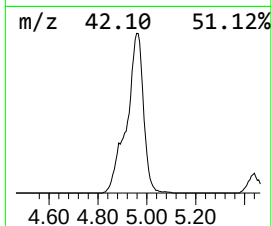
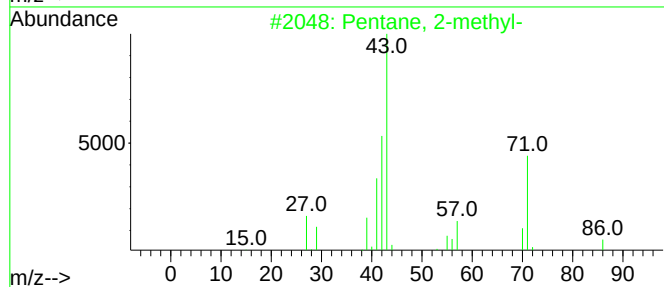
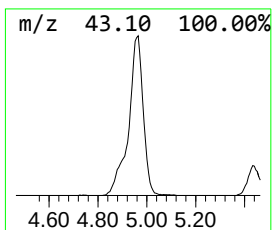
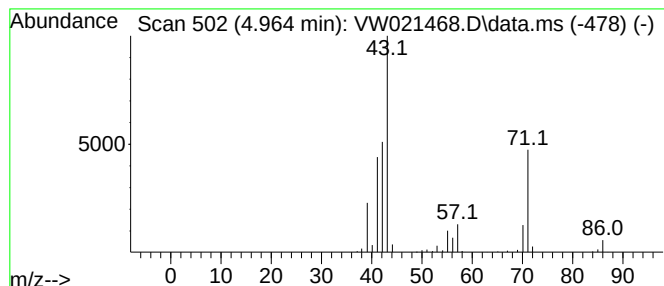
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.964	38.83 ug/L	330893	1,4-Difluorobenzene	8.848

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2			Pentane, 2-methyl-	86	C6H14	000107-83-5	90
3			Pentane, 2-methyl-	86	C6H14	000107-83-5	87
4			Pentane, 2-methyl-	86	C6H14	000107-83-5	83
5			Pentane, 2-methyl-	86	C6H14	000107-83-5	74



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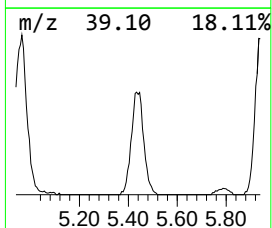
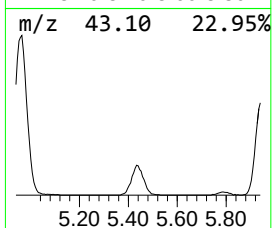
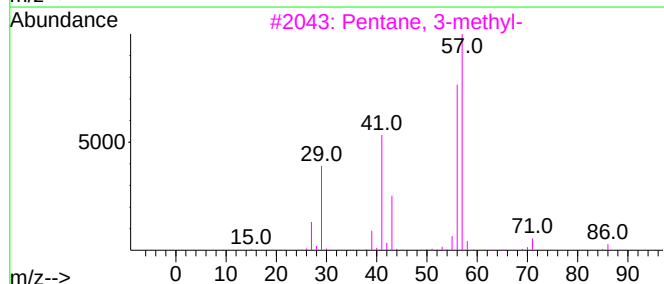
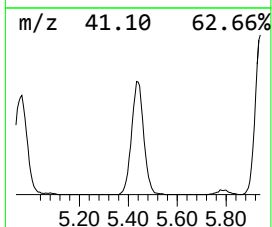
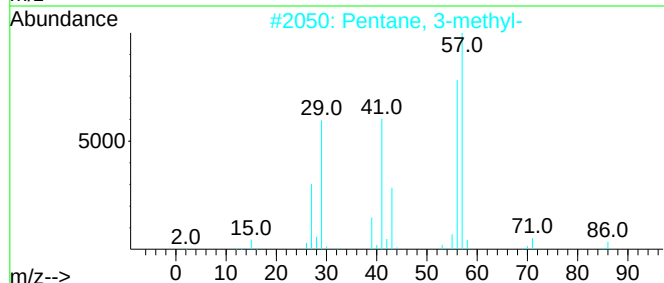
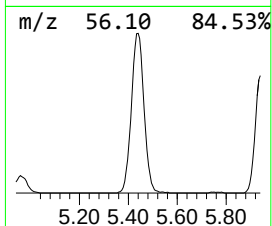
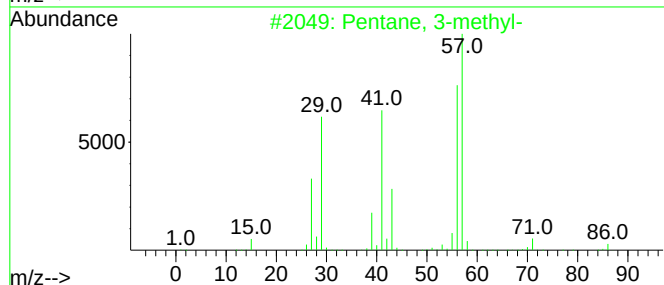
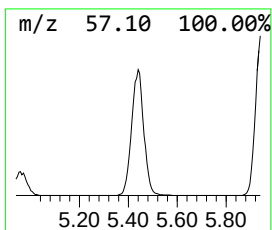
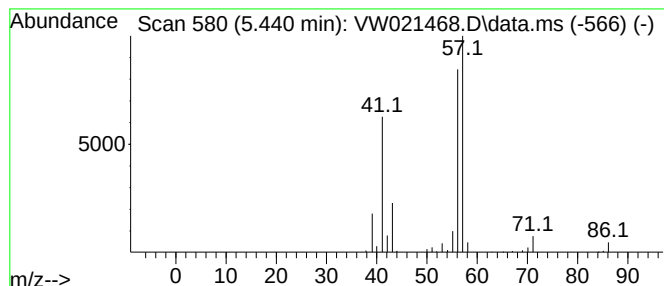
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.440	25.78 ug/L	219699	1,4-Difluorobenzene	8.848

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2			Pentane, 3-methyl-	86	C6H14	000096-14-0	90
3			Pentane, 3-methyl-	86	C6H14	000096-14-0	90
4			Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
5			Butyl isocyanatoacetate	157	C7H11NO3	017046-22-9	64



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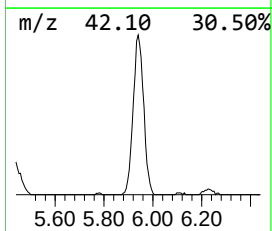
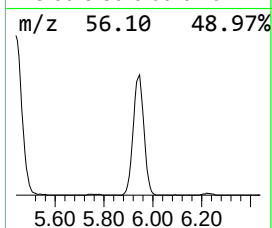
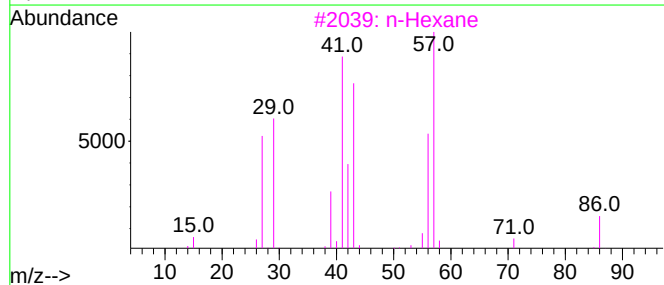
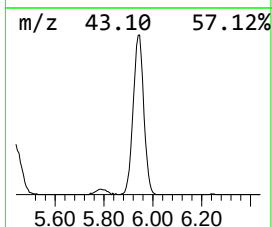
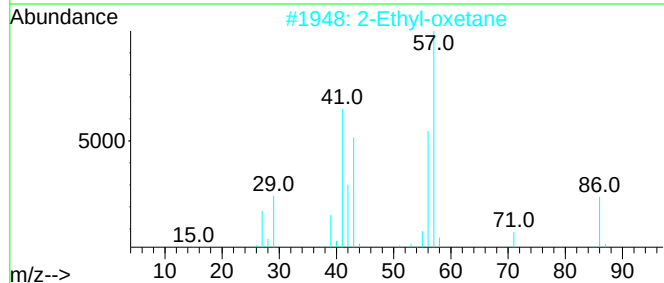
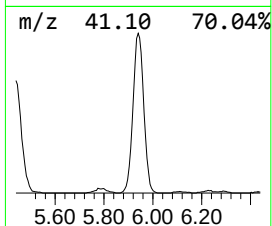
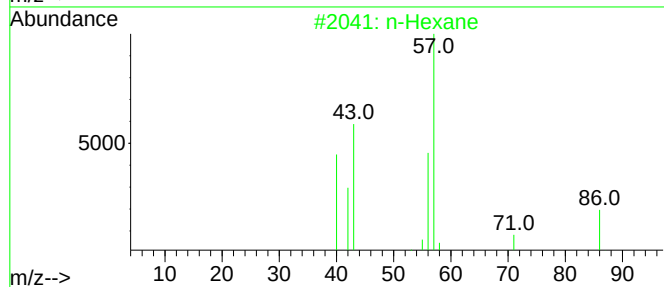
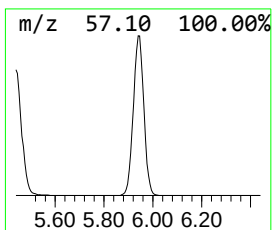
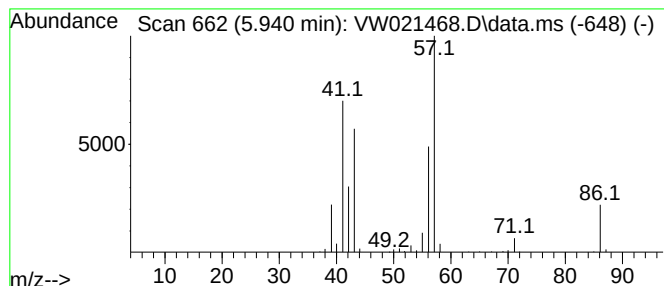
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.940	32.46 ug/L	276670	1,4-Difluorobenzene	8.848

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexane	86	C6H14	000110-54-3	87
2			2-Ethyl-oxetane	86	C5H10O	1010386-40-2	86
3			n-Hexane	86	C6H14	000110-54-3	78
4			n-Hexane	86	C6H14	000110-54-3	72
5			n-Hexane	86	C6H14	000110-54-3	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL89

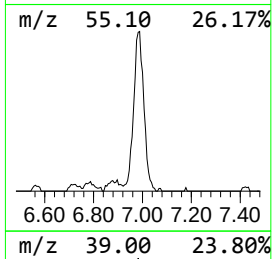
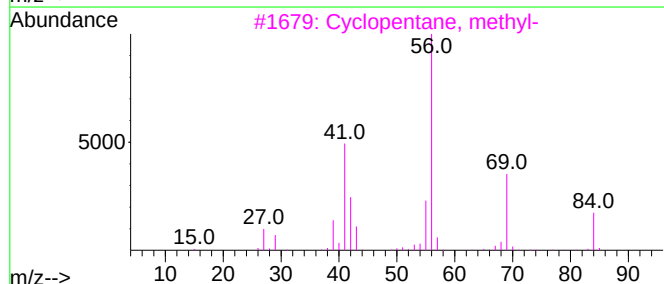
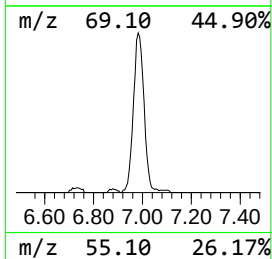
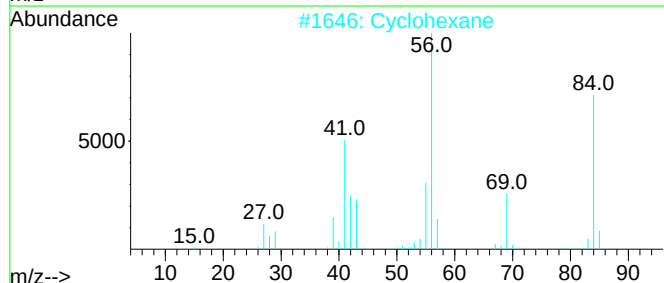
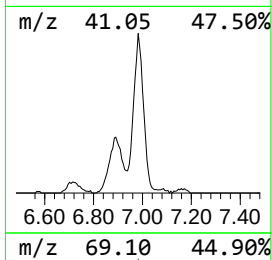
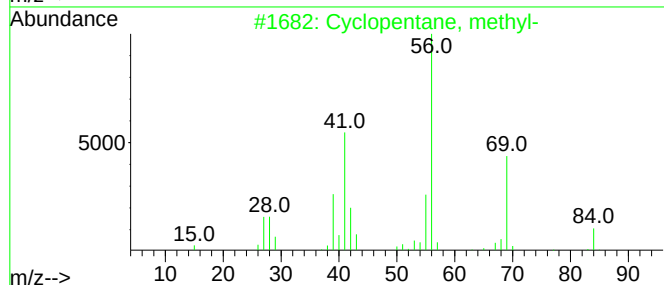
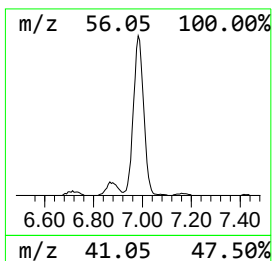
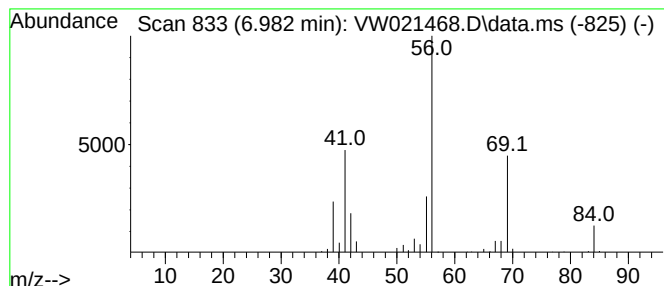
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Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Cyclic6.982 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.982	12.85 ug/L	109555	1,4-Difluorobenzene	8.848

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2		Cyclohexane	84	C6H12	000110-82-7	90
3		Cyclopentane, methyl-	84	C6H12	000096-37-7	86
4		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	86
5		Cyclopentane, methyl-	84	C6H12	000096-37-7	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL89

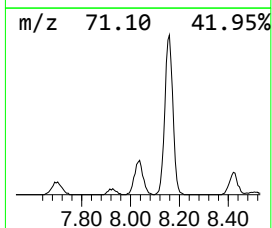
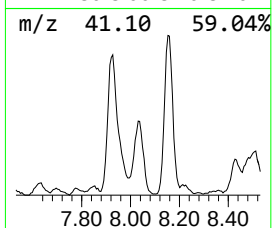
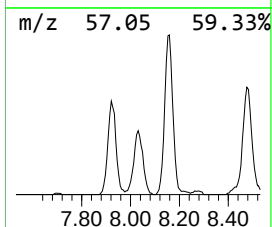
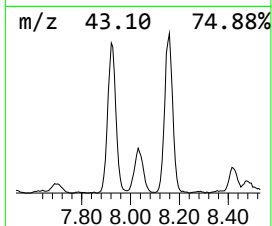
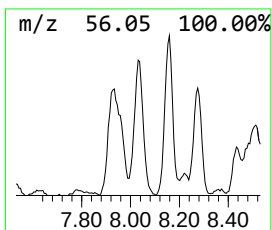
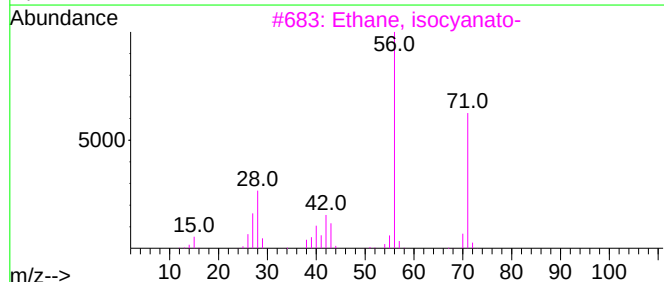
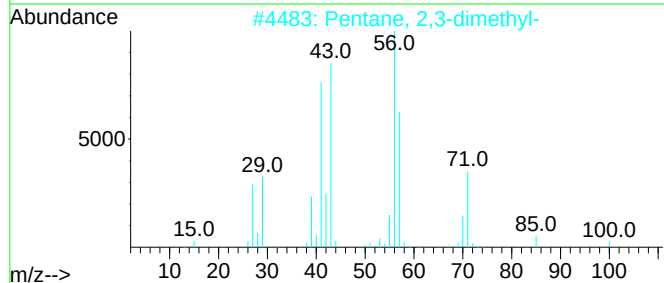
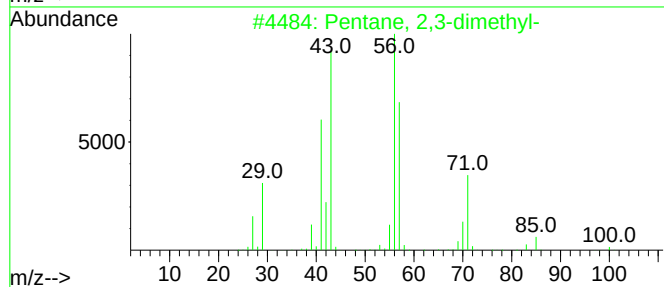
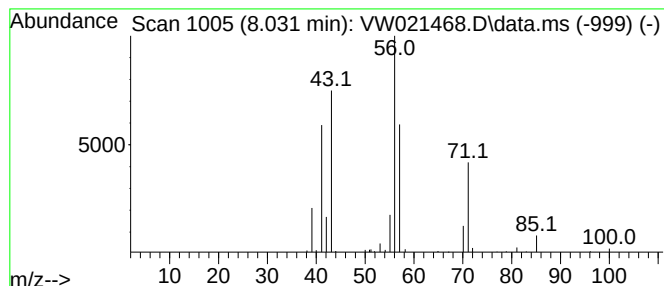
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.031	8.71 ug/L	74265	1,4-Difluorobenzene	8.848

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	87
3		Ethane, isocyanato-	71	C3H5NO	000109-90-0	59
4		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	52
5		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL89

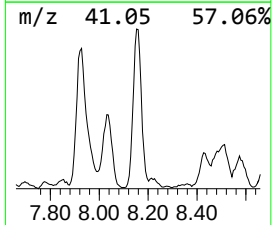
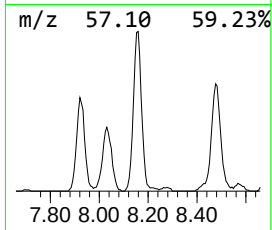
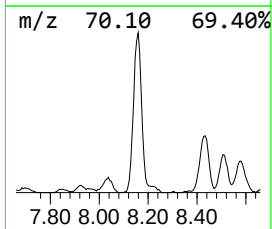
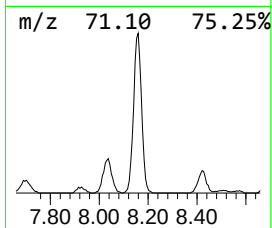
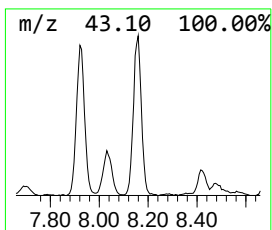
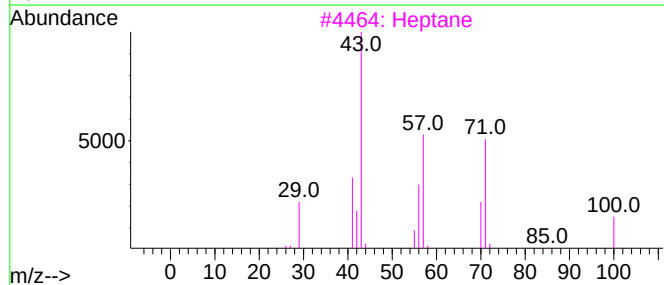
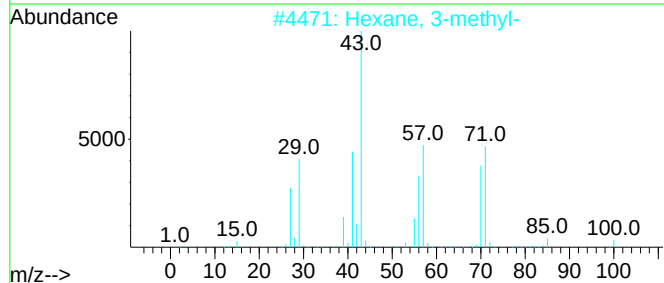
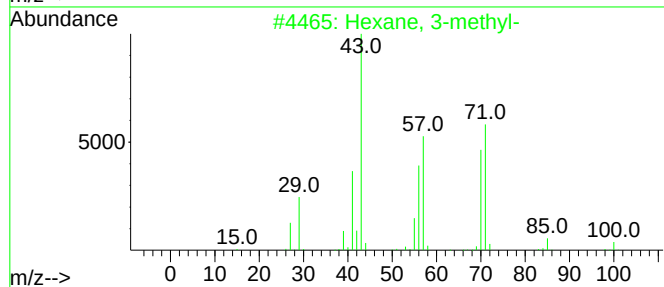
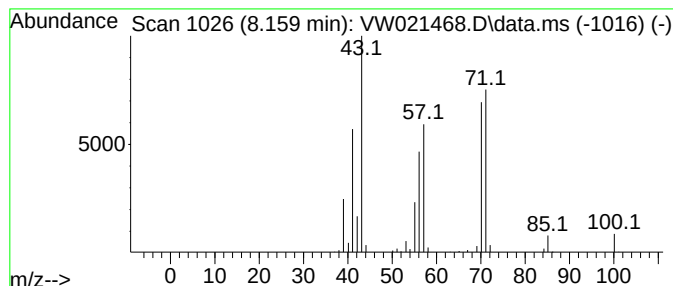
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.159	21.49 ug/L	183180	1,4-Difluorobenzene	8.848

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-			100	C7H16	000589-34-4	91
2	Hexane, 3-methyl-			100	C7H16	000589-34-4	90
3	Heptane			100	C7H16	000142-82-5	83
4	Hexane, 3-methyl-			100	C7H16	000589-34-4	80
5	Heptane			100	C7H16	000142-82-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

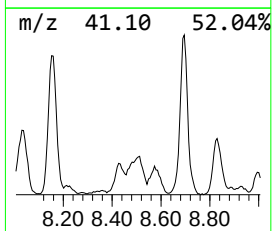
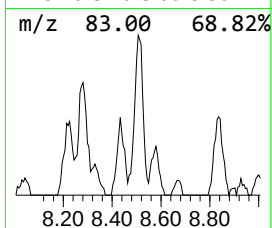
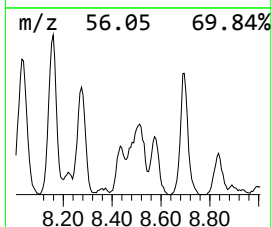
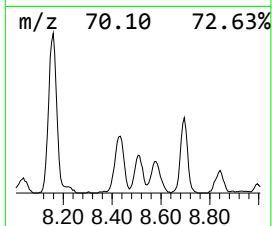
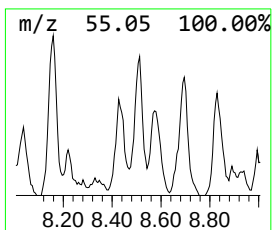
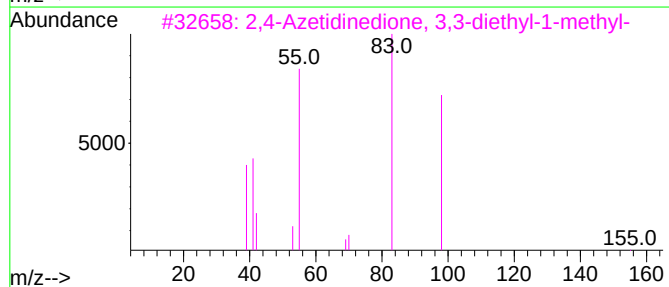
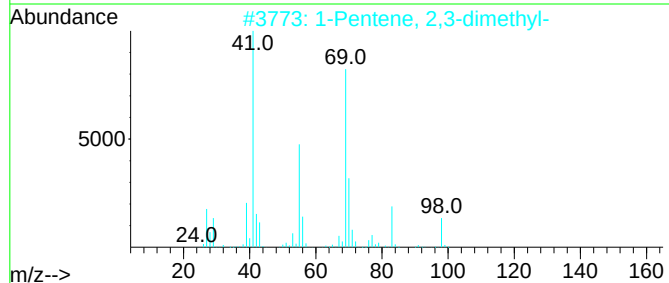
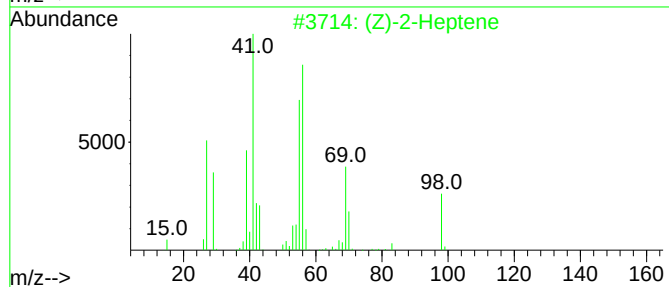
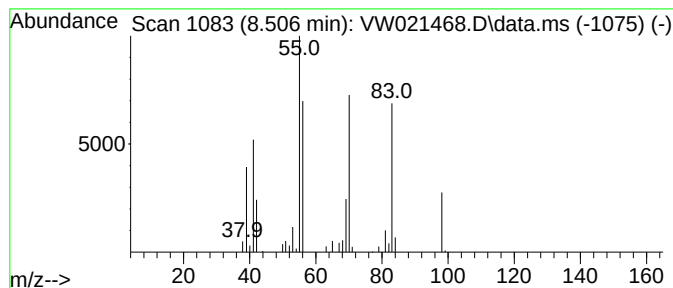
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ClientSampleId :
BGL89

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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.506	7.10 ug/L	60472	1,4-Difluorobenzene	8.848	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-2-Heptene	98	C7H14	006443-92-1	49
2	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	47
3	2,4-Azetidinedione, 3,3-diethyl-...	155	C8H13NO2	069315-91-9	47
4	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	46
5	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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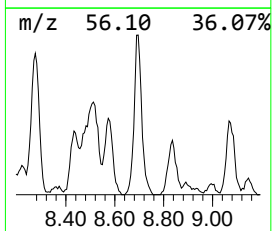
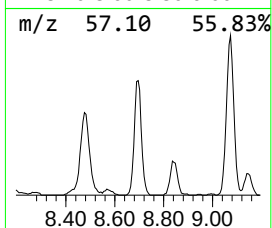
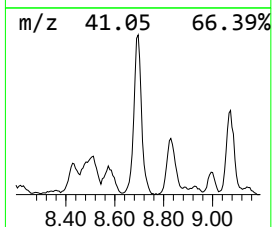
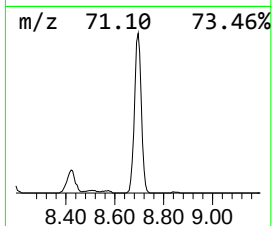
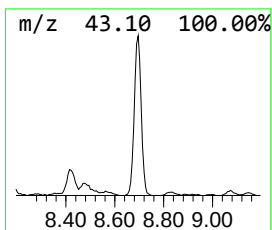
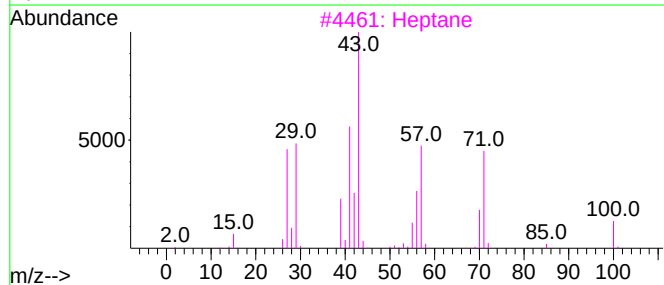
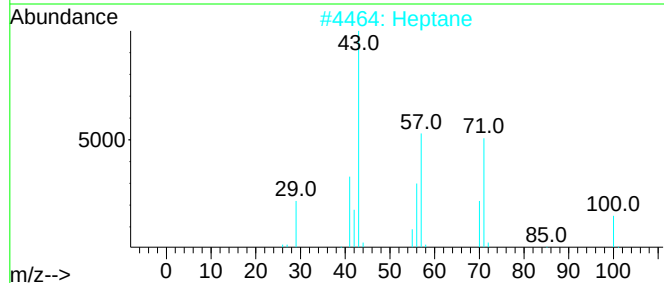
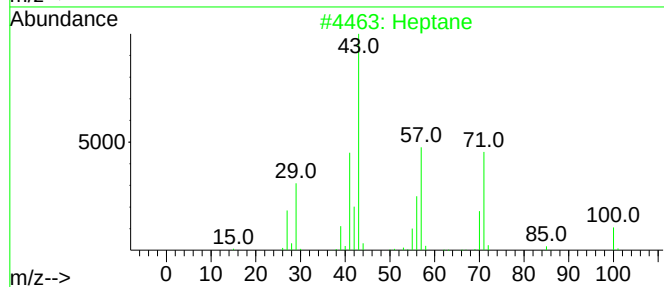
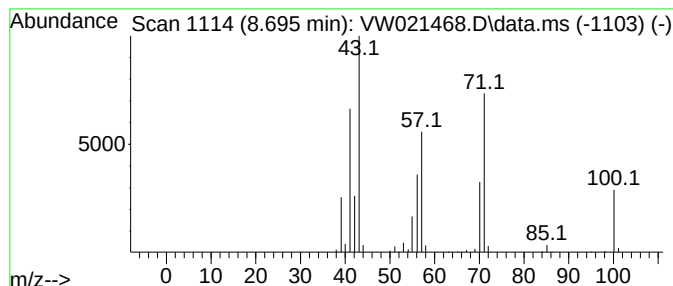
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Straight-8.695 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.695	18.73 ug/L	159583	1,4-Difluorobenzene	8.848

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane			100	C7H16	000142-82-5	86
2	Heptane			100	C7H16	000142-82-5	78
3	Heptane			100	C7H16	000142-82-5	50
4	Acetaldehyde, propylhydrazone			100	C5H12N2	007422-88-0	50
5	Heptane			100	C7H16	000142-82-5	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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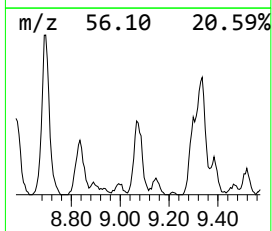
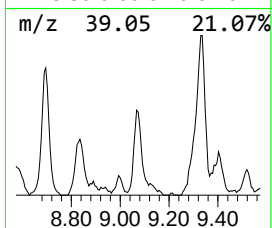
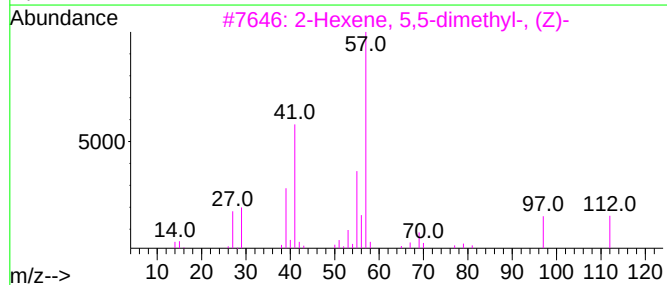
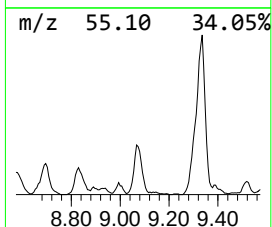
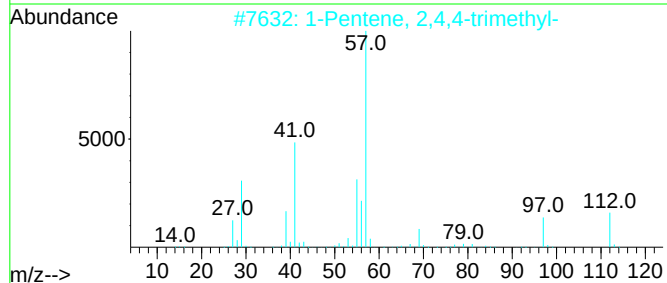
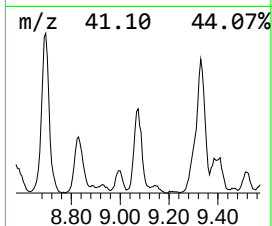
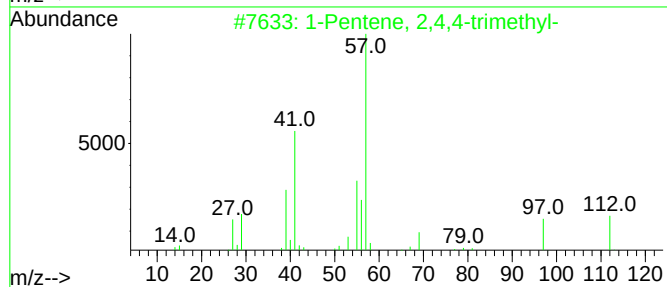
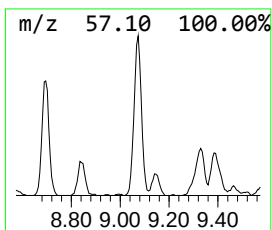
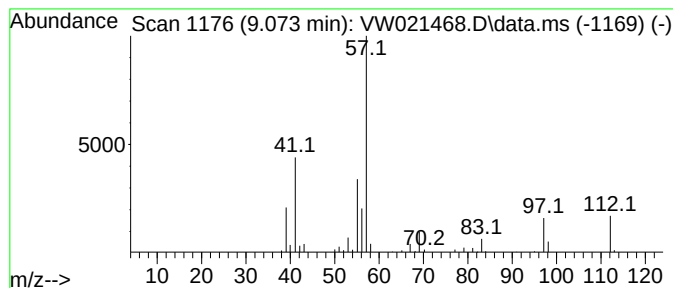
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.073	10.09 ug/L	86004	1,4-Difluorobenzene	8.848

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	87
2		1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	87
3		2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	68
4		1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	64
5		1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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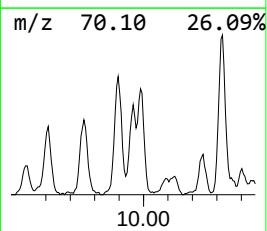
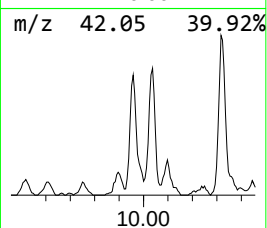
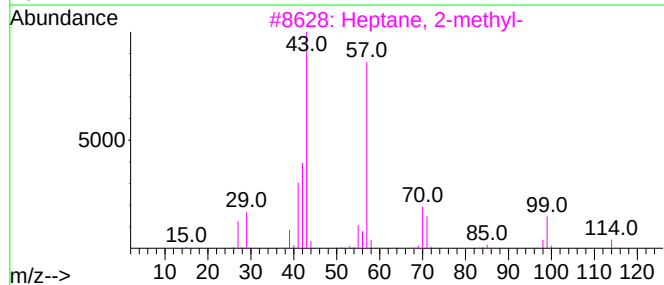
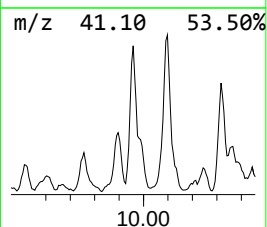
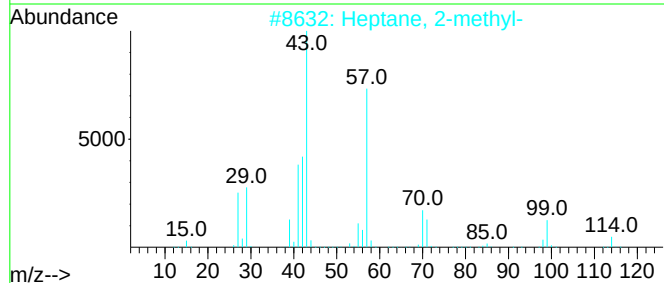
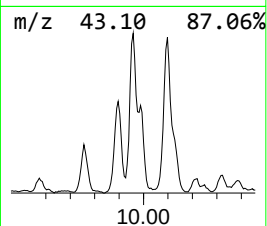
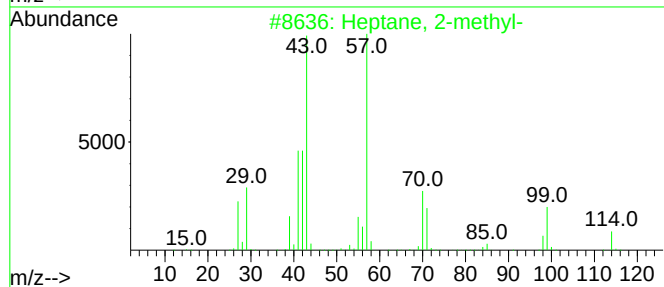
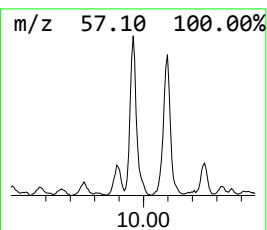
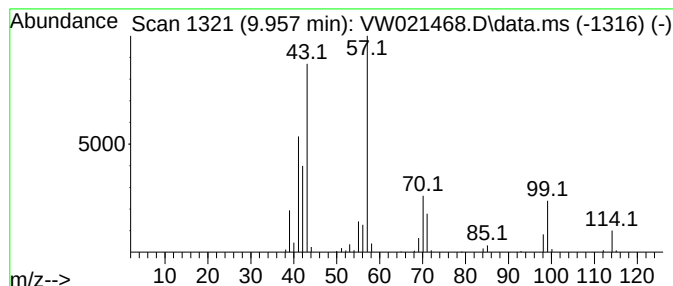
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.957	10.86 ug/L	92537	1,4-Difluorobenzene	8.848

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2-methyl-	114	C8H18	000592-27-8	97
2			Heptane, 2-methyl-	114	C8H18	000592-27-8	91
3			Heptane, 2-methyl-	114	C8H18	000592-27-8	87
4			Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	59
5			Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL89

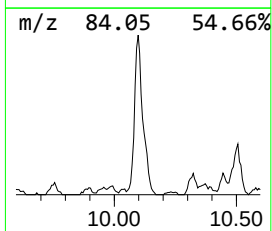
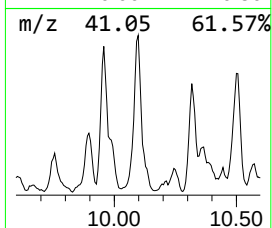
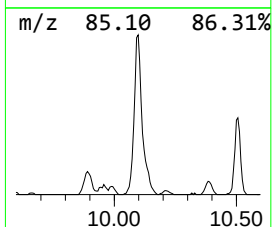
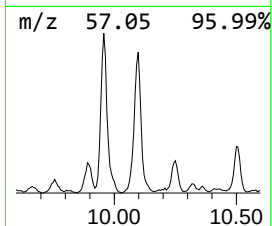
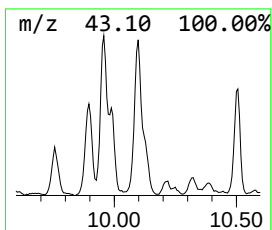
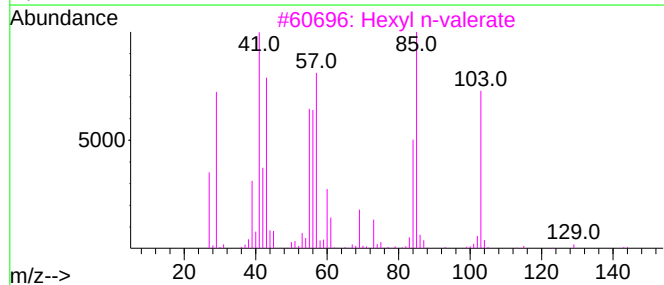
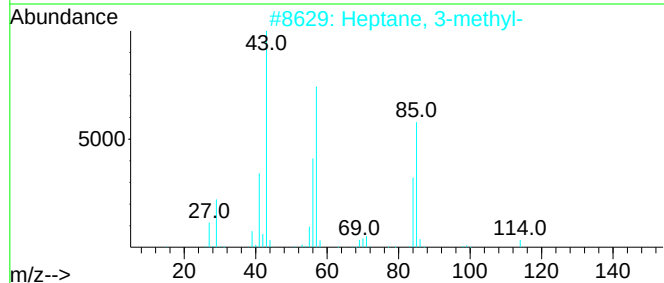
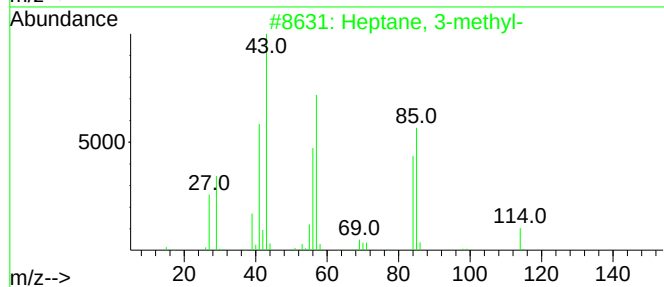
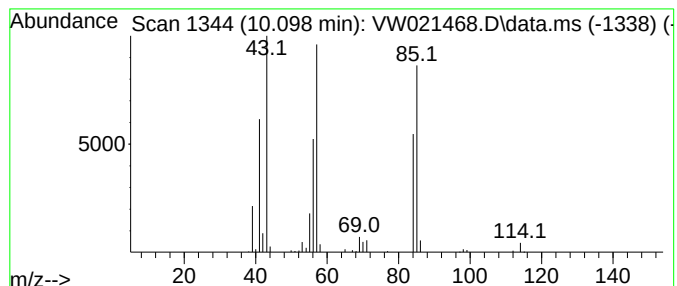
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.098	16.68 ug/L	142112	1,4-Difluorobenzene	8.848

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-methyl-	114	C8H18	000589-81-1	94
2			Heptane, 3-methyl-	114	C8H18	000589-81-1	87
3			Hexyl n-valerate	186	C11H22O2	001117-59-5	72
4			Nonane, 5-methyl-	142	C10H22	015869-85-9	72
5			Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

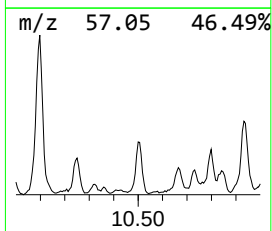
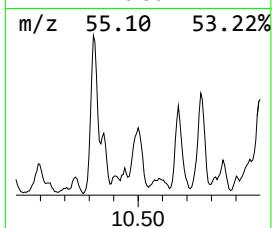
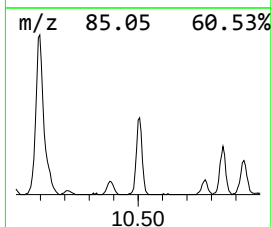
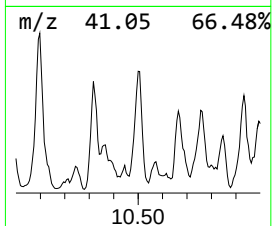
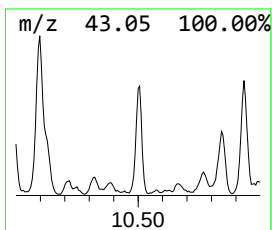
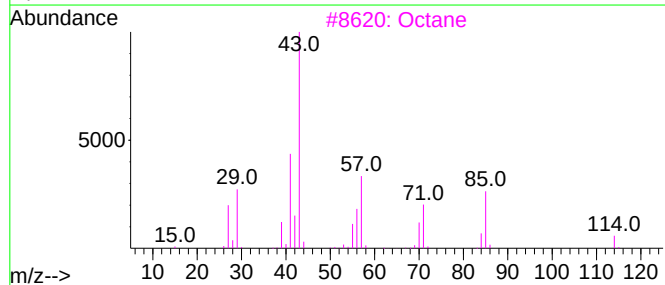
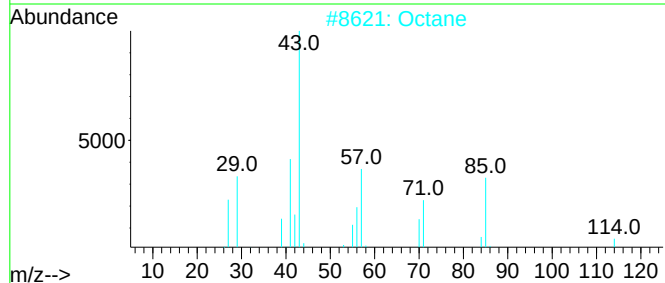
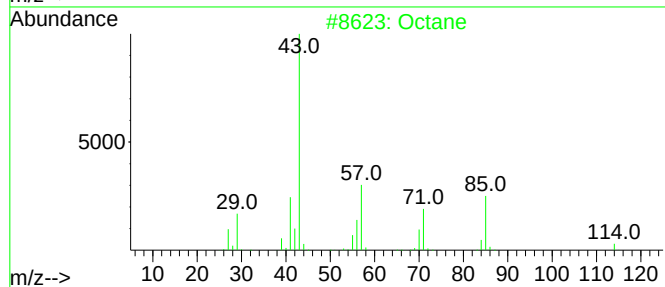
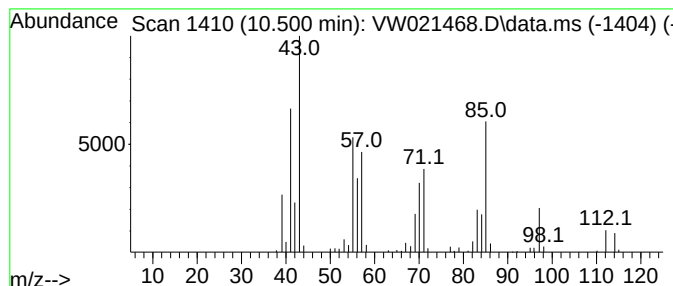
Instrument :
MSVOA_W
ClientSampleId :
BGL89

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.500	11.97 ug/L	104535	Chlorobenzene-d5		11.634	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane		114	C8H18	000111-65-9	64
2	Octane		114	C8H18	000111-65-9	62
3	Octane		114	C8H18	000111-65-9	58
4	Muscimol		114	C4H6N2O2	002763-96-4	46
5	2-Ethylpiperazine		114	C6H14N2	013961-37-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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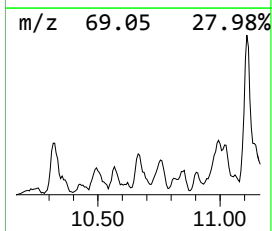
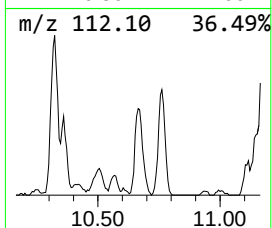
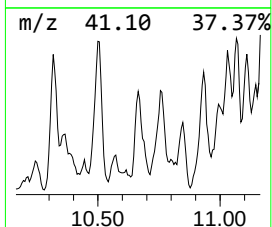
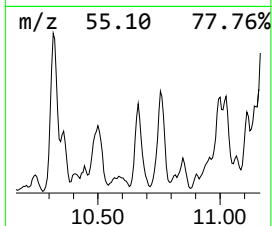
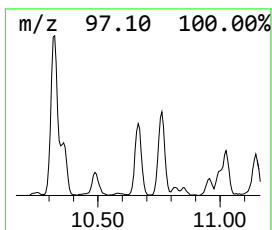
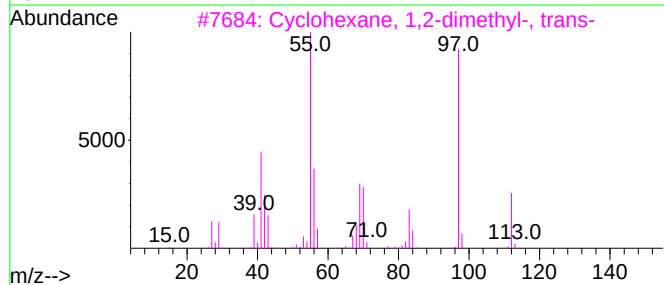
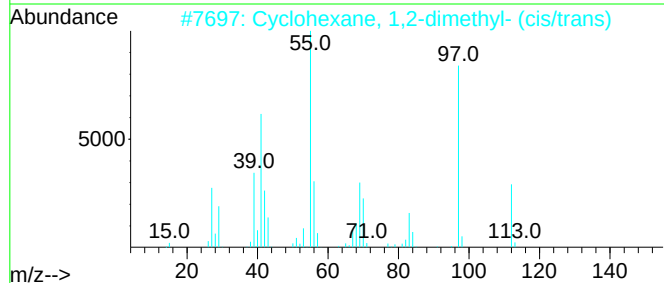
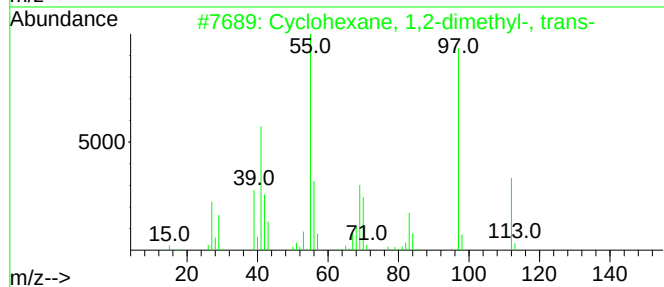
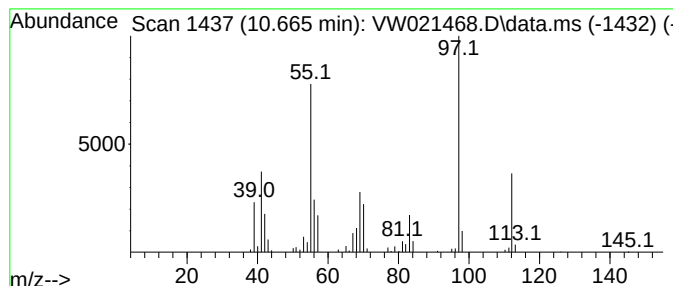
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Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Cyclic10.665 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.665	8.73 ug/L	76236	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	94
2			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	94
3			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
4			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
5			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL89

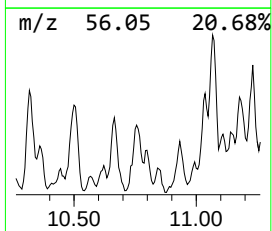
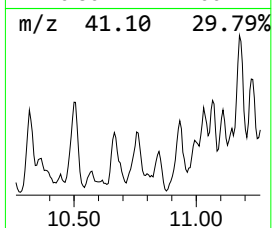
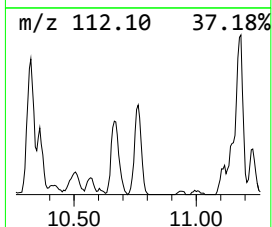
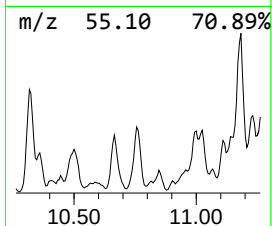
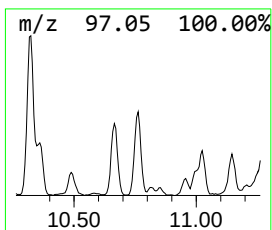
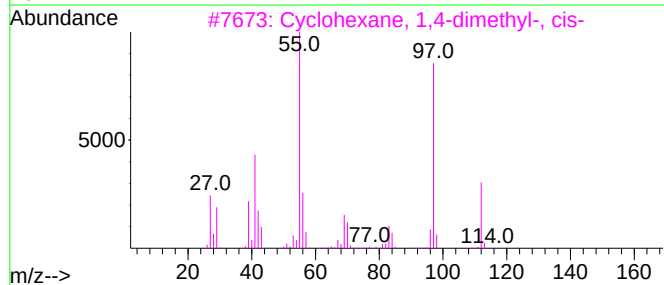
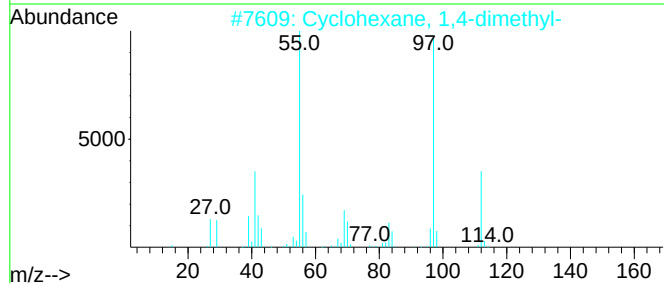
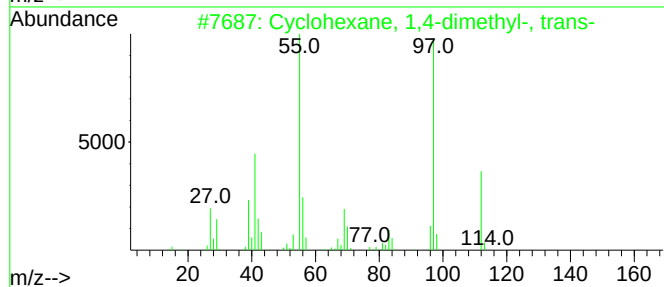
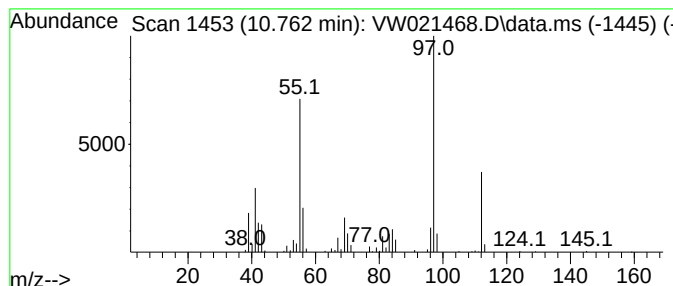
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Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Cyclic10.762 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.762	10.92 ug/L	95334	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	94
2			Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	94
3			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	91
4			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	91
5			Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

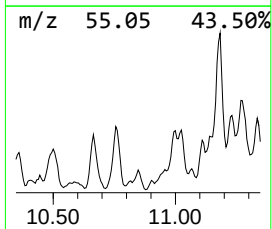
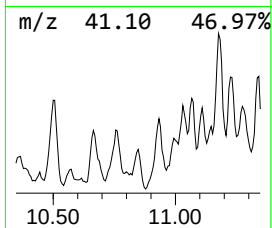
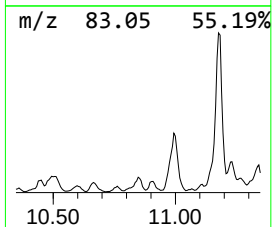
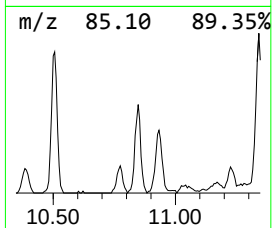
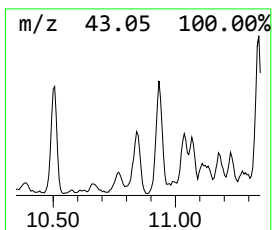
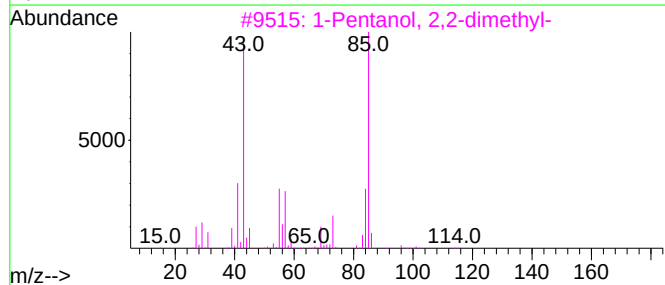
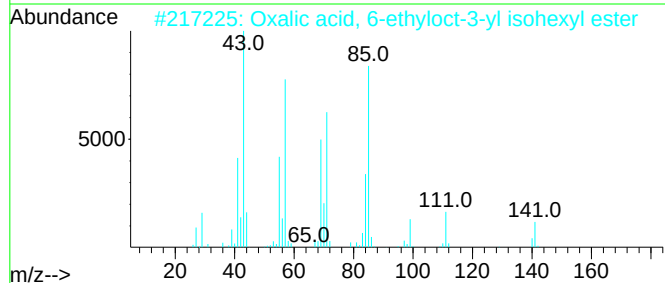
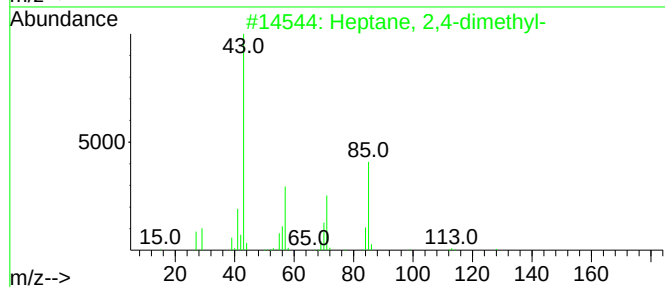
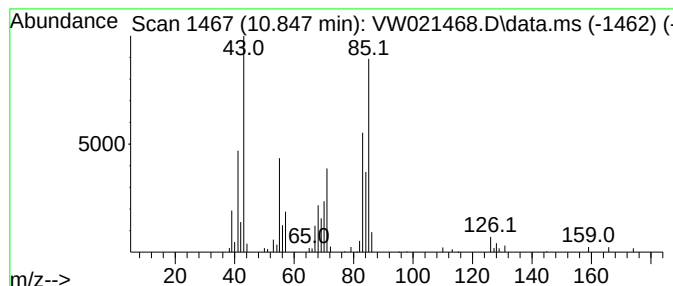
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.847	5.84 ug/L	50972	Chlorobenzene-d5		11.634	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl-		128	C9H20	002213-23-2	53
2	Oxalic acid, 6-ethyloct-3-yl iso...		314	C18H34O4	1000309-34-3	38
3	1-Pentanol, 2,2-dimethyl-		116	C7H16O	002370-12-9	38
4	Hexane, 2,3,4-trimethyl-		128	C9H20	000921-47-1	38
5	2-Pentanone, 3-ethyl-3-methyl-		128	C8H16O	019780-65-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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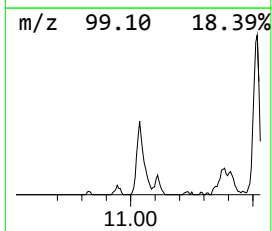
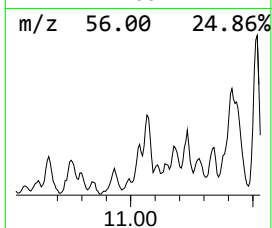
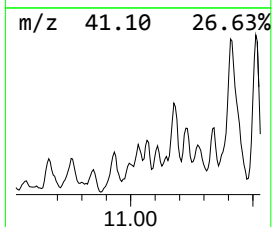
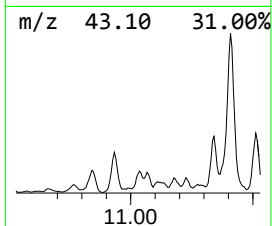
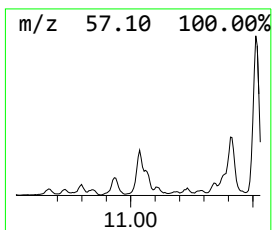
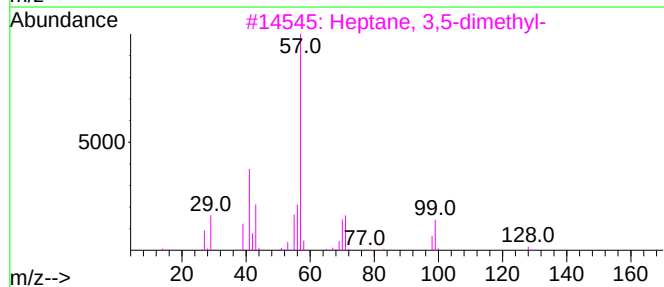
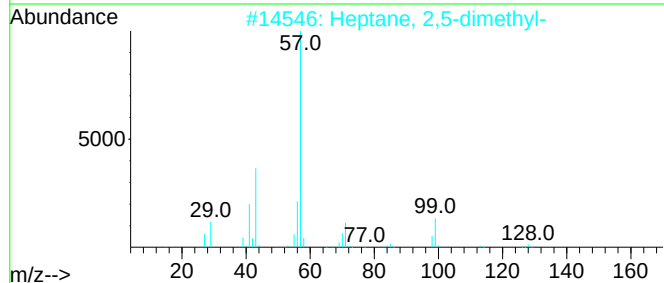
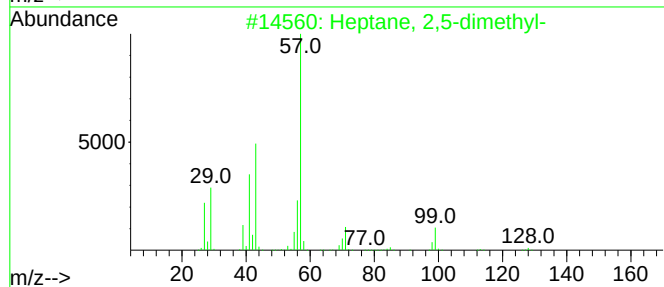
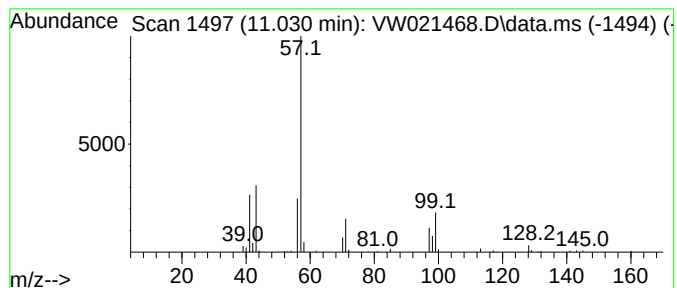
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Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.030	7.01 ug/L	61218	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64
2		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64
3		Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	64
4		Heptyl tetradecyl ether	312	C21H44O	1000406-39-3	56
5		Octane, 3-methyl-	128	C9H20	002216-33-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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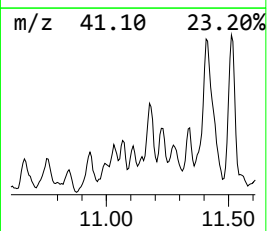
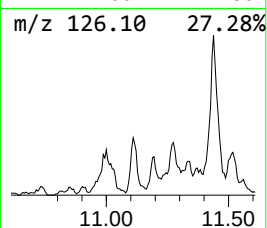
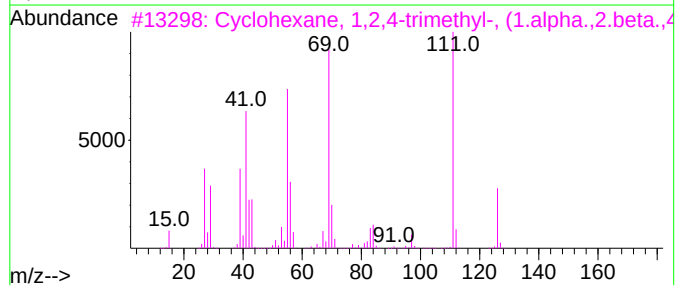
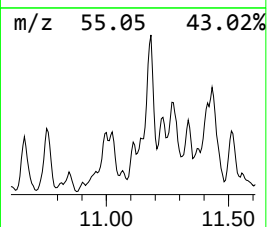
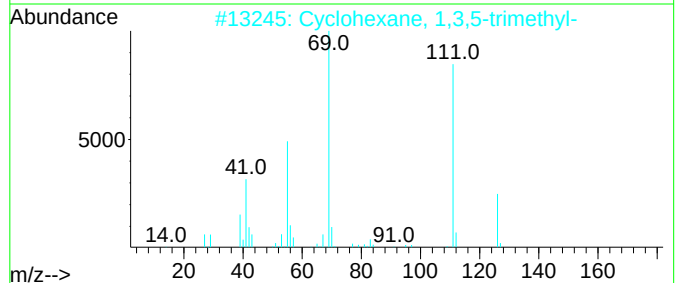
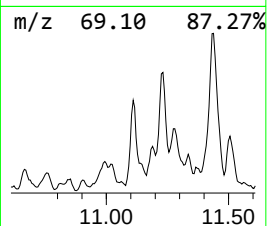
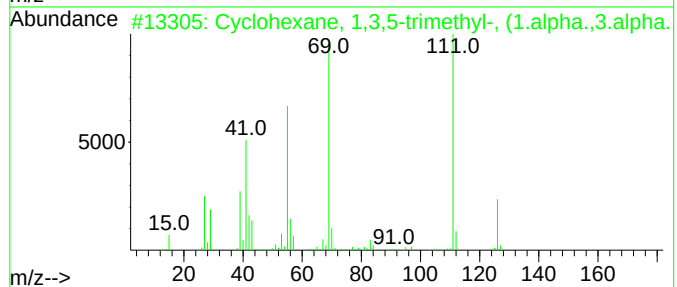
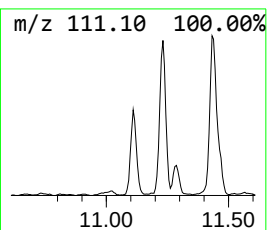
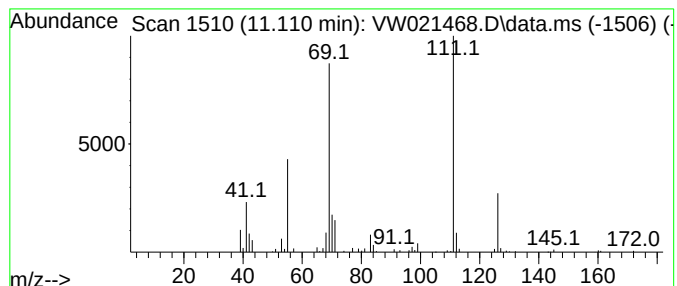
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Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Cyclic11.110 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.110	8.92 ug/L	77866	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	87
2			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	83
3			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	83
4			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	80
5			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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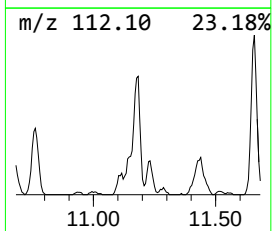
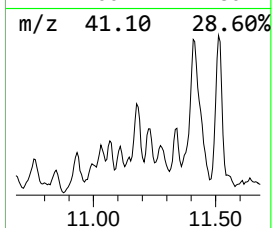
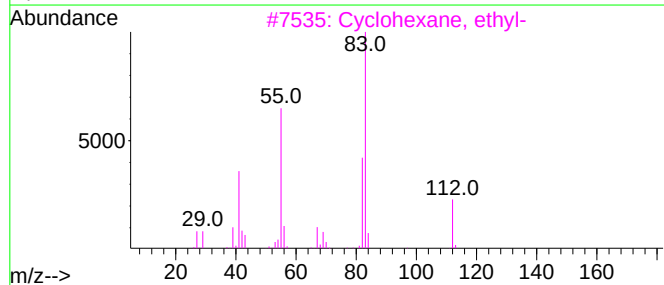
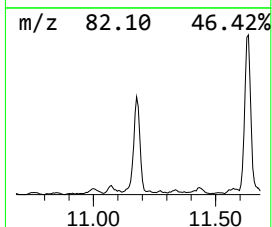
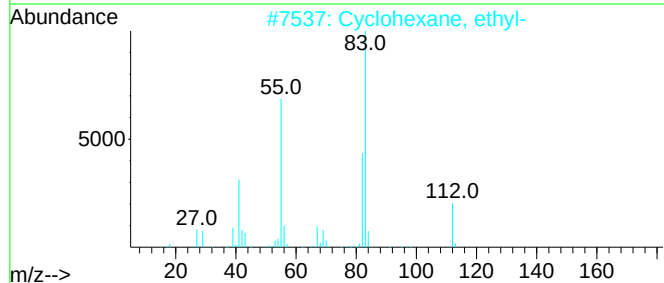
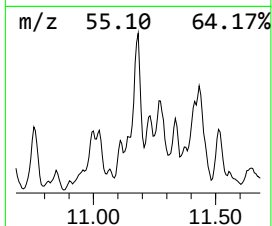
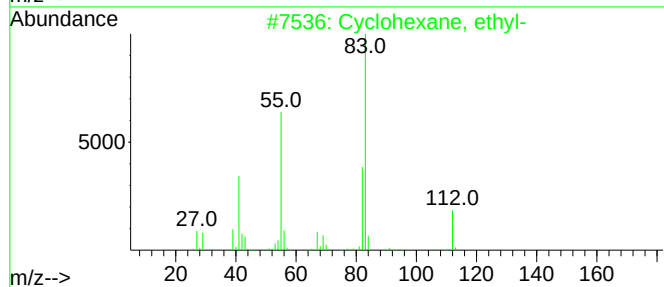
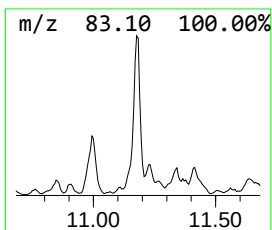
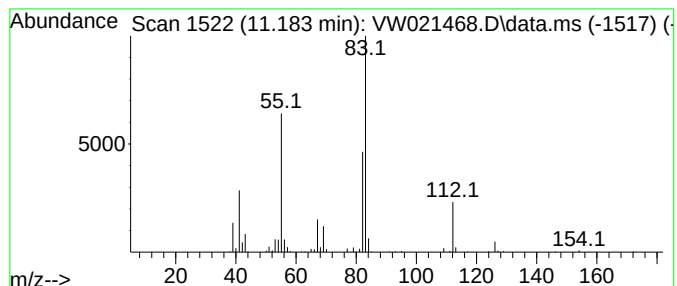
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Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Cyclic11.183 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.183	20.45 ug/L	178584	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
5			trans-4,4-Dimethyl-2-hexene	112	C8H16	019550-83-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

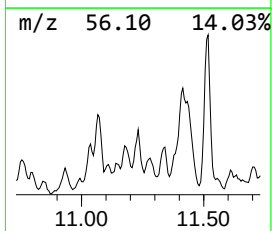
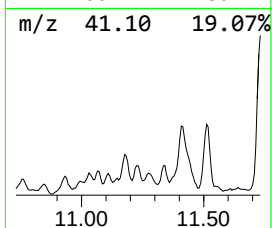
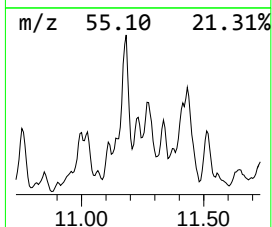
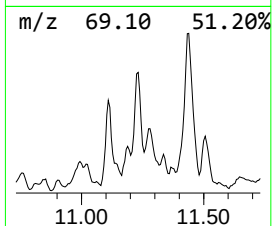
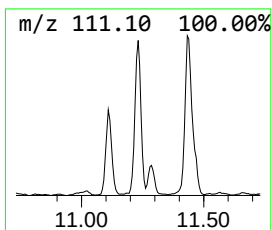
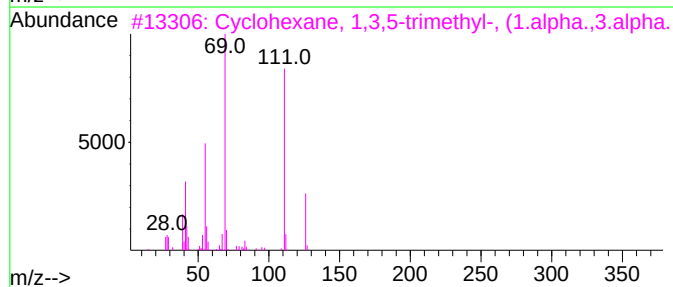
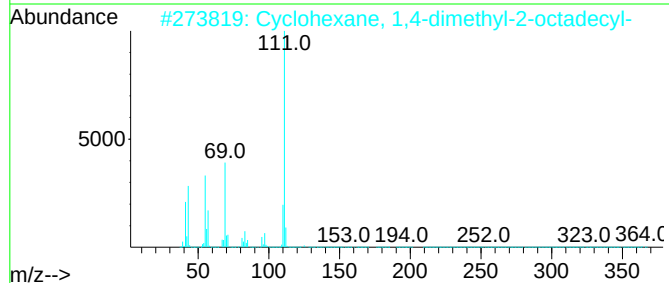
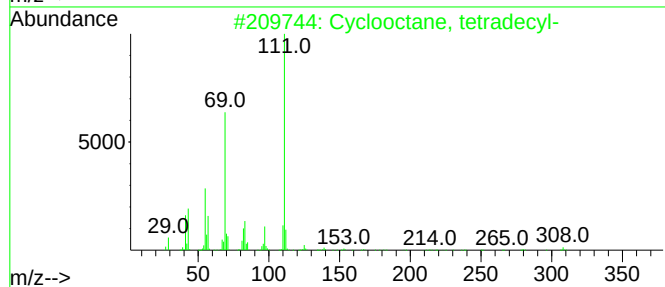
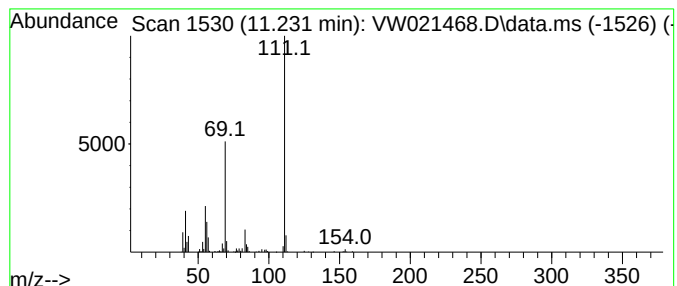
Instrument :
MSVOA_W
ClientSampleId :
BGL89

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Cyclic11.232 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.232	15.17 ug/L	132508	Chlorobenzene-d5		11.634	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclooctane, tetradecyl-		308	C22H44	149003-36-1	56
2	Cyclohexane, 1,4-dimethyl-2-octa...		364	C26H52	055282-02-5	56
3	Cyclohexane, 1,3,5-trimethyl-, (...)		126	C9H18	001795-27-3	50
4	2-Thiophenecarboxylic acid, 3-me...		198	C10H14O2S	035250-80-7	45
5	Thiophene-2-glyoxylic acid		156	C6H4O3S	004075-59-6	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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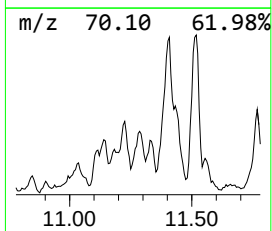
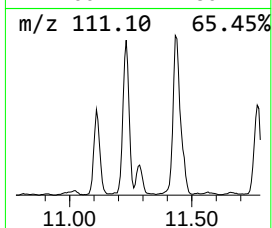
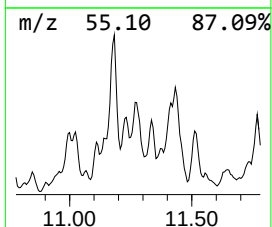
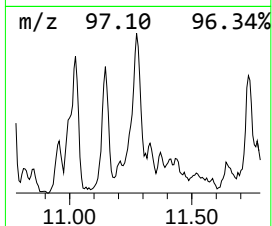
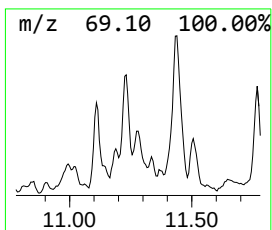
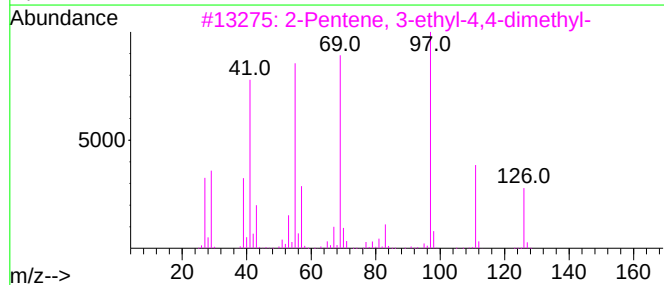
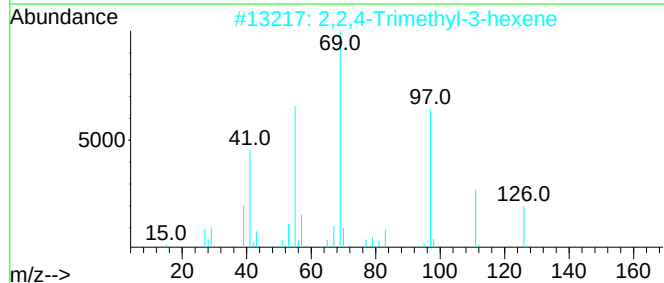
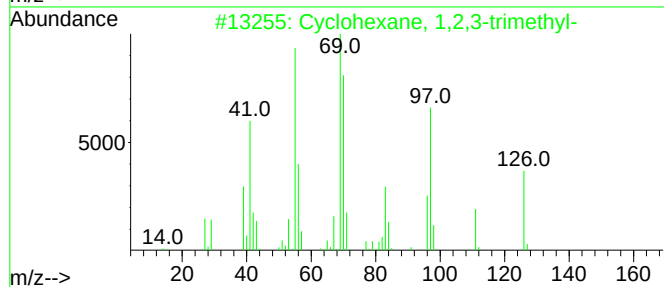
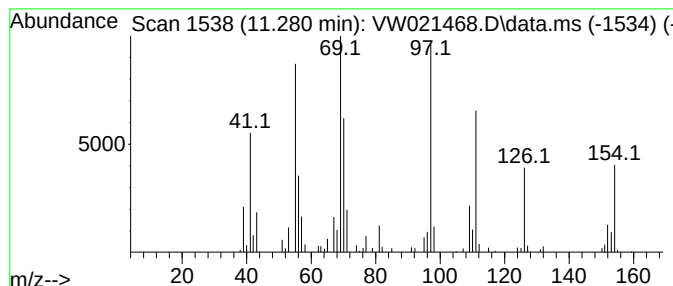
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Quant Title : SFAM01.0

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

Peak Number 20 (DEL) Alkane: Cyclic11.280 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.280	11.50 ug/L	100397	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	55
2			2,2,4-Trimethyl-3-hexene	126	C9H18	059643-72-0	52
3			2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	49
4			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	43
5			3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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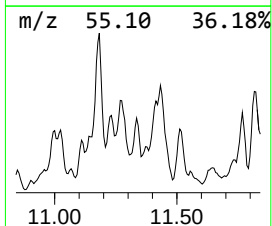
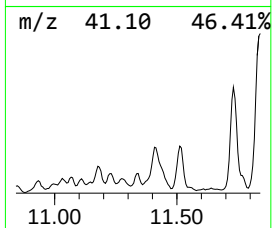
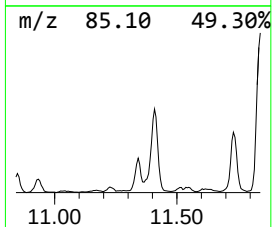
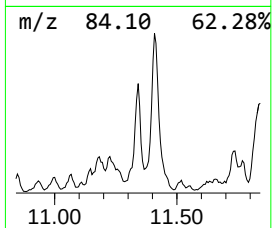
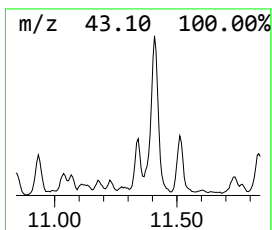
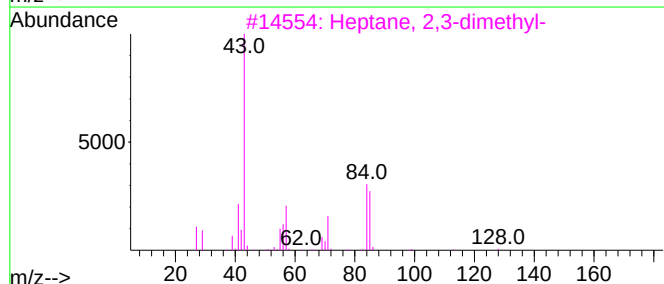
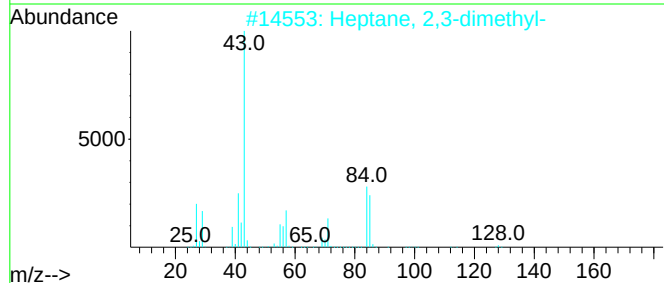
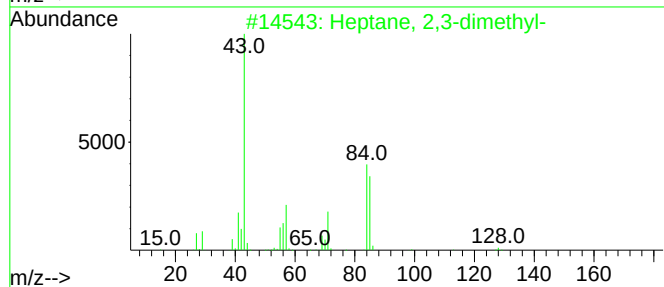
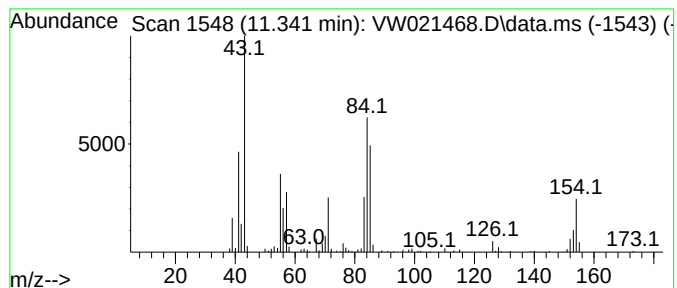
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Quant Title : SFAM01.0

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.341	14.21 ug/L	124086	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	58
2		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	52
3		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	50
4		Hexane, 3-ethyl-	114	C8H18	000619-99-8	47
5		1-Octene, 4-methyl-	126	C9H18	013151-12-7	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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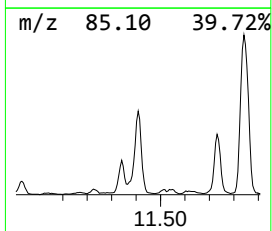
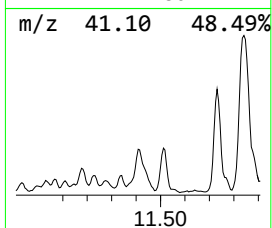
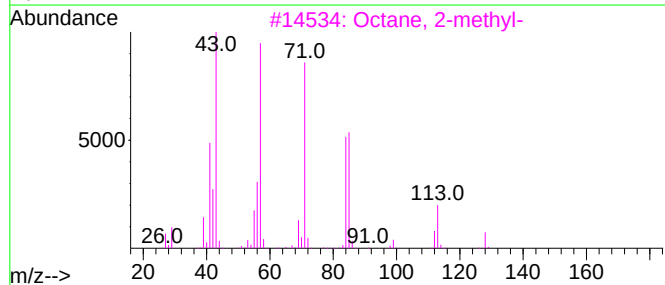
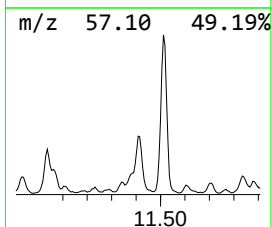
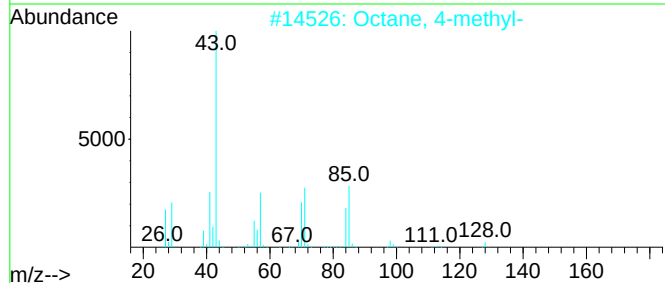
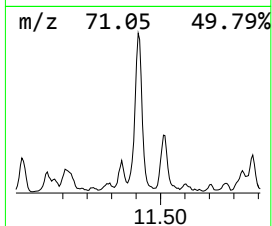
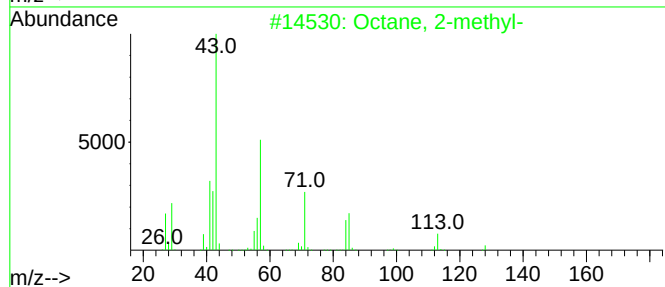
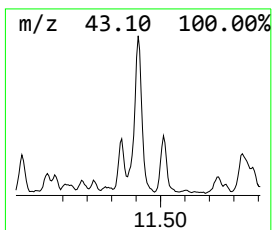
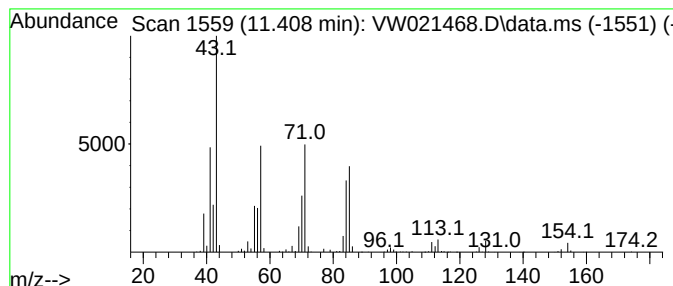
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Quant Title : SFAM01.0

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.408	64.89 ug/L	566700	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2-methyl-	128	C9H20	003221-61-2	72
2		Octane, 4-methyl-	128	C9H20	002216-34-4	64
3		Octane, 2-methyl-	128	C9H20	003221-61-2	64
4		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
5		Octane, 4-methyl-	128	C9H20	002216-34-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL89

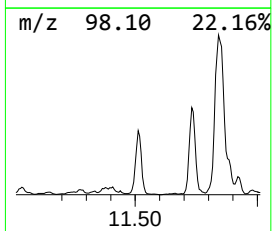
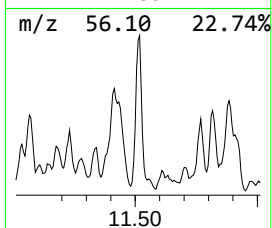
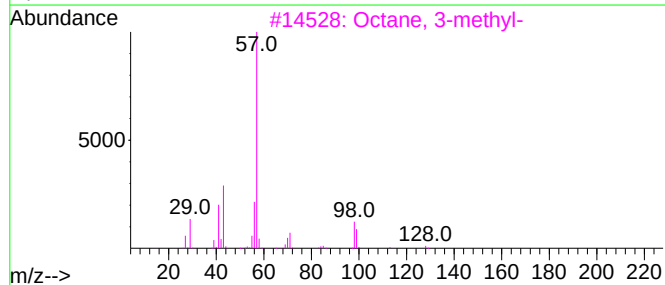
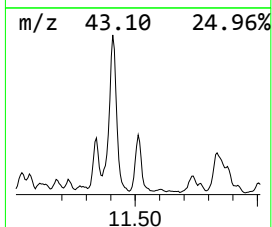
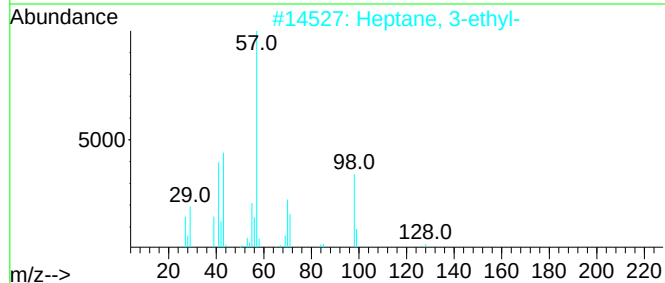
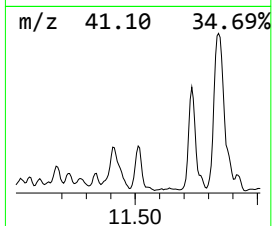
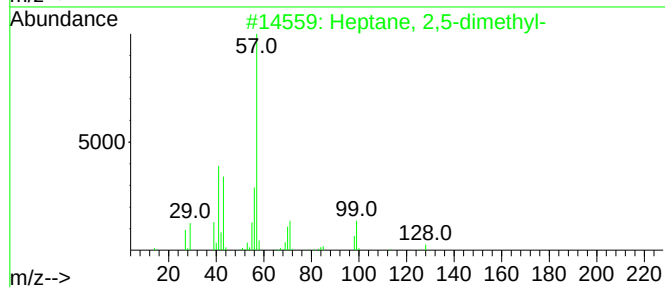
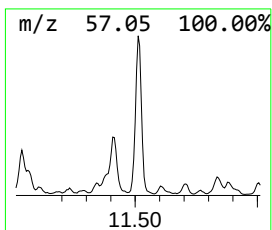
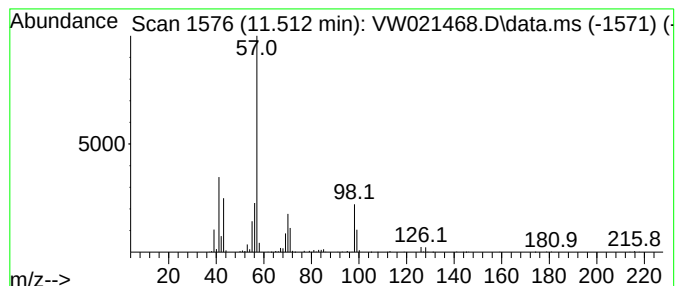
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Quant Title : SFAM01.0

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.512	25.10 ug/L	219150	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	76
2		Heptane, 3-ethyl-	128	C9H20	015869-80-4	70
3		Octane, 3-methyl-	128	C9H20	002216-33-3	64
4		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64
5		Undecane, 6-methyl-	170	C12H26	017302-33-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL89

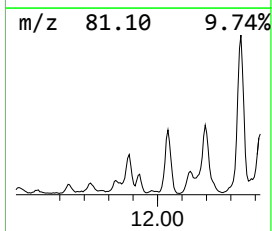
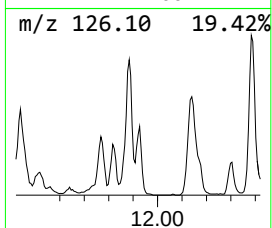
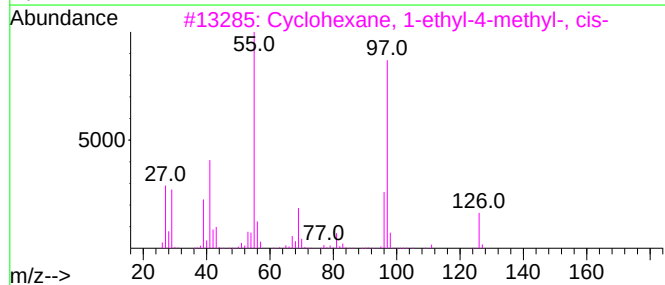
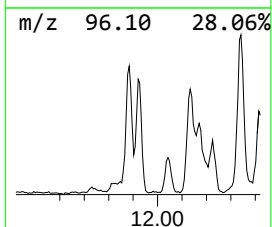
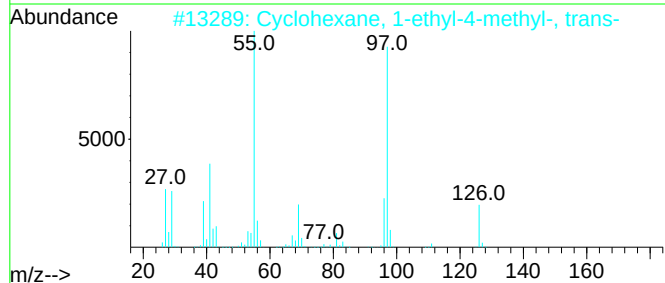
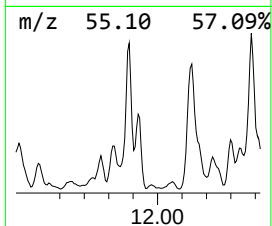
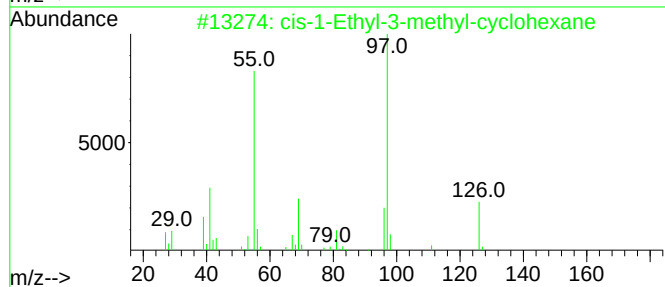
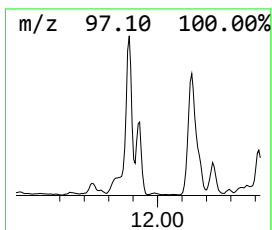
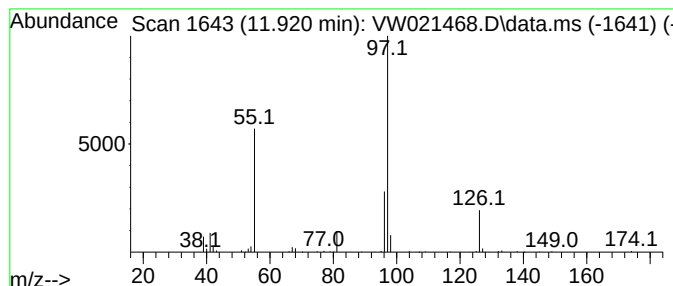
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Quant Title : SFAM01.0

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

Peak Number 24 (DEL) Alkane: Cyclic11.920 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.920	15.51 ug/L	135486	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	72
2		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	72
3		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	64
4		4-Octen-3-one	126	C8H14O	014129-48-7	59
5		Thiophene, 2-propyl-	126	C7H10S	001551-27-5	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

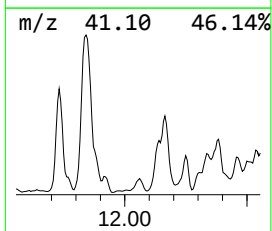
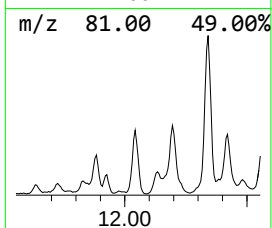
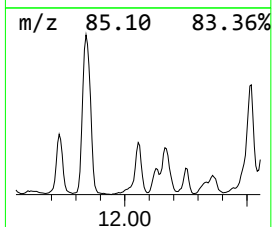
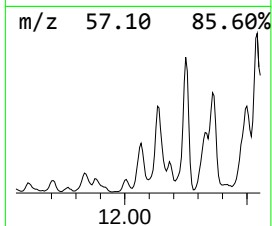
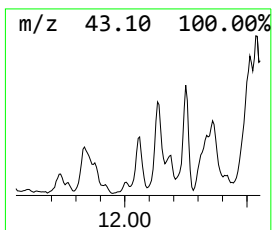
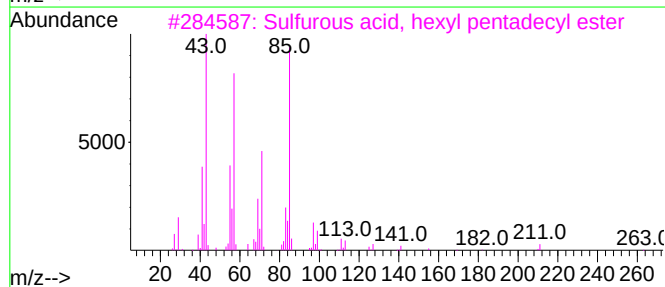
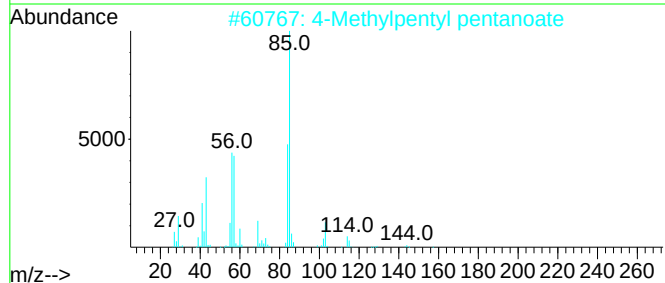
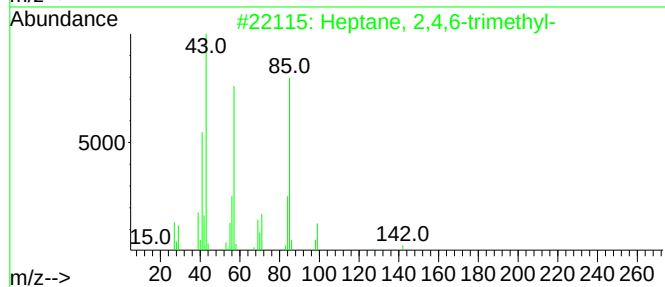
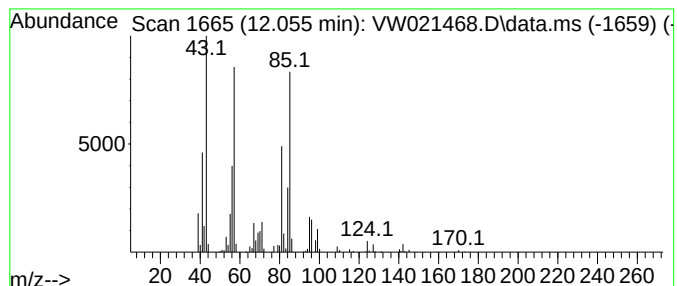
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ClientSampleId :
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.055	13.89 ug/L	121299	Chlorobenzene-d5	11.634	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	53
2	4-Methylpentyl pentanoate	186	C11H22O2	035852-47-2	53
3	Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	50
4	Sulfurous acid, dodecyl hexyl ester	334	C18H38O3S	1000309-13-4	50
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL89

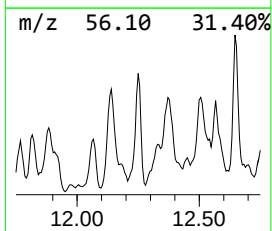
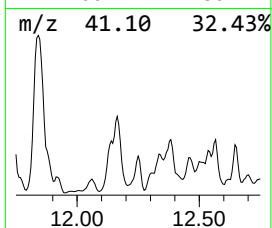
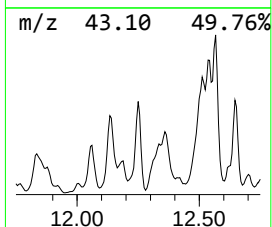
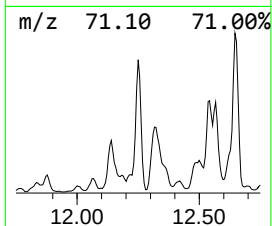
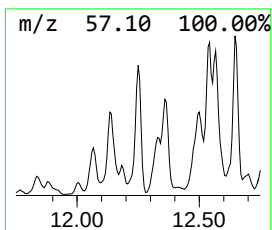
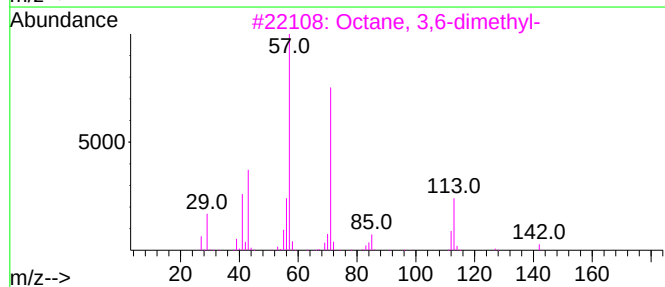
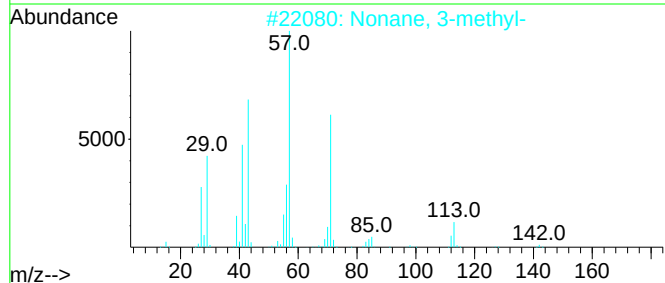
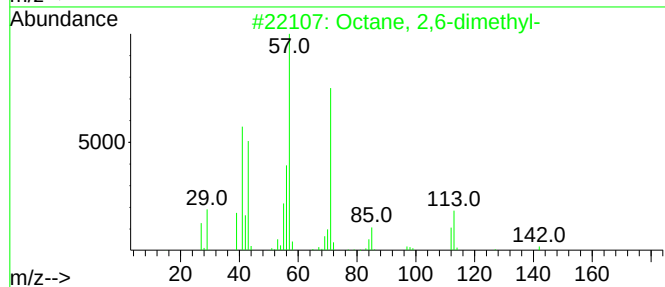
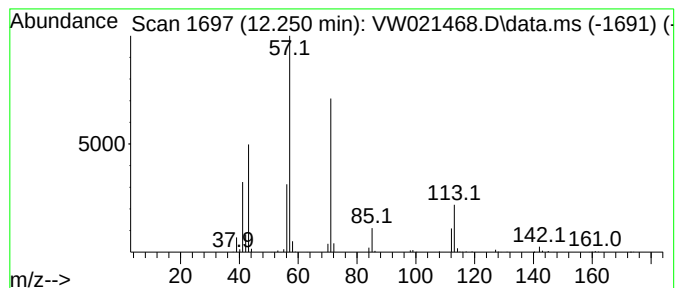
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.250	26.85 ug/L	234441	Chlorobenzene-d5	11.634

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	91
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

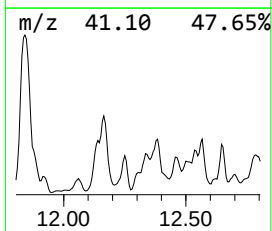
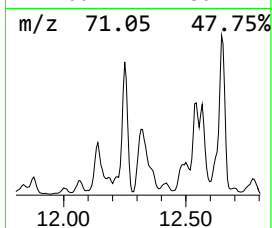
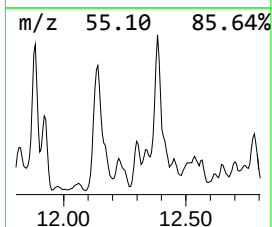
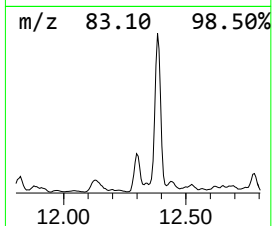
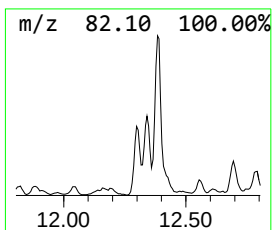
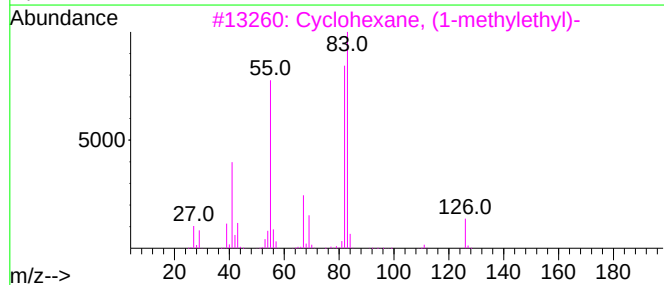
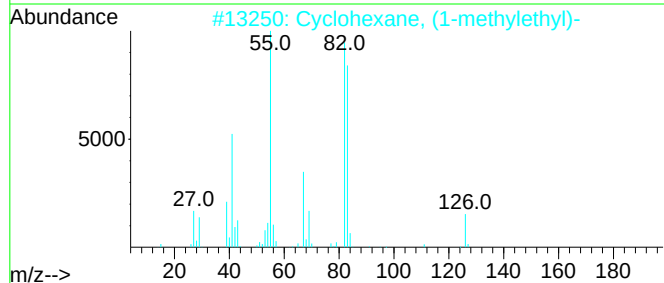
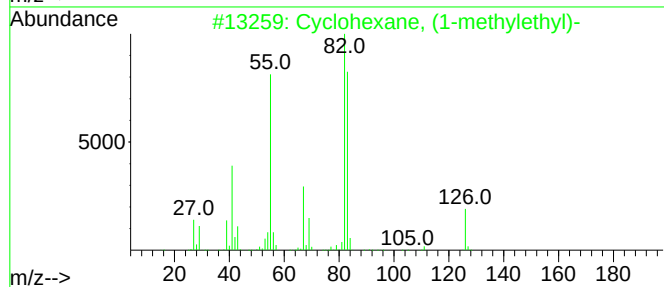
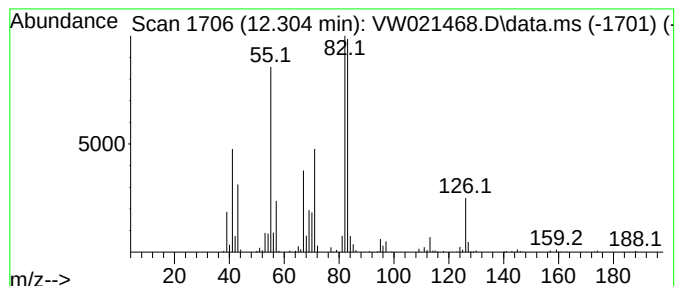
Instrument :
MSVOA_W
ClientSampleId :
BGL89

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 27 (DEL) Alkane: Cyclic12.305 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.305	13.53 ug/L	118190	Chlorobenzene-d5	11.634	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	94
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	81
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	81
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	76
5	(E)-Hex-3-enyl (E)-2-methylbut-2...	182	C11H18O2	120603-00-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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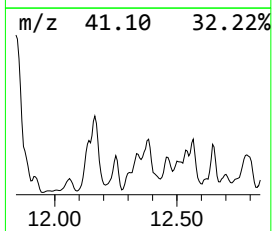
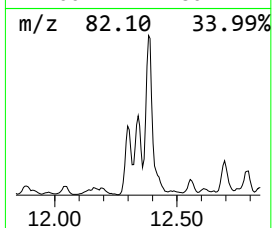
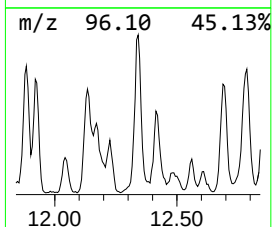
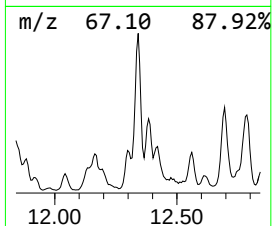
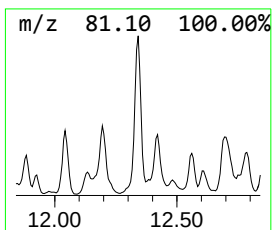
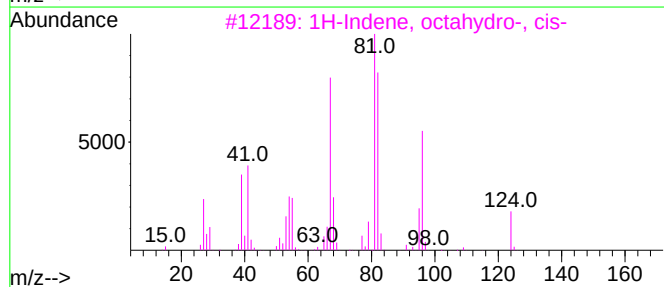
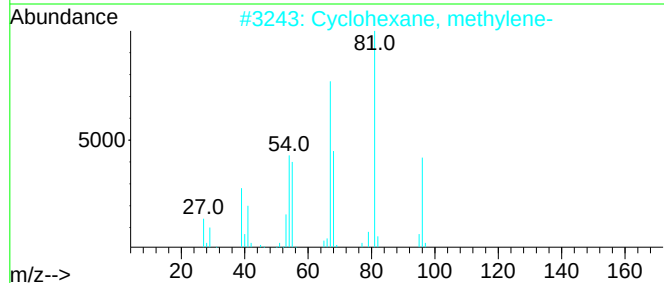
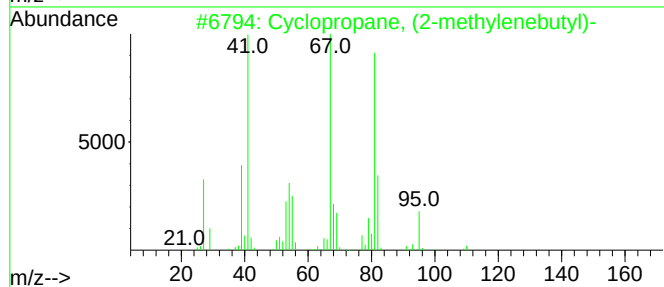
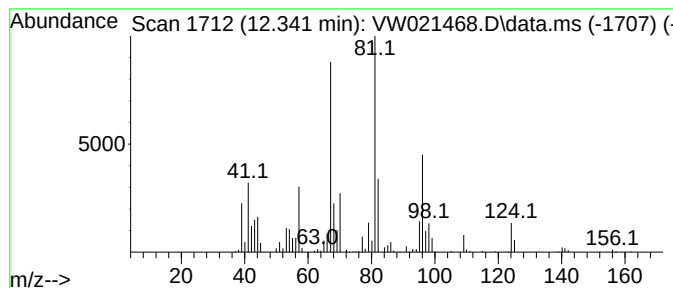
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Quant Title : SFAM01.0

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

Peak Number 28 Cyclopropane, (2-methyleneb... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.341	23.95 ug/L	209189	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopropane, (2-methylenebutyl)-	110	C8H14	074685-56-6	58
2		Cyclohexane, methylene-	96	C7H12	001192-37-6	58
3		1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	52
4		Cyclohexene,3-propyl-	124	C9H16	003983-06-0	50
5		Cyclohexene,3-propyl-	124	C9H16	003983-06-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

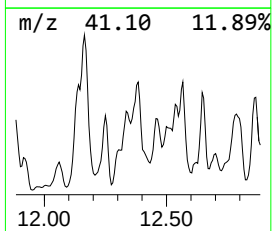
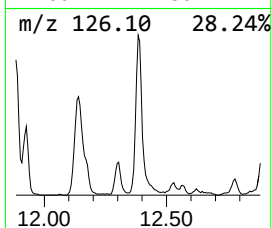
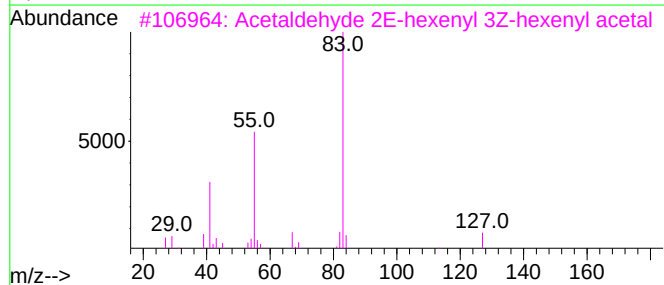
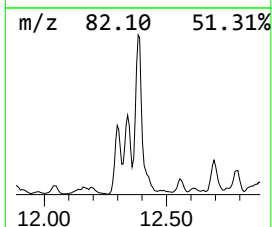
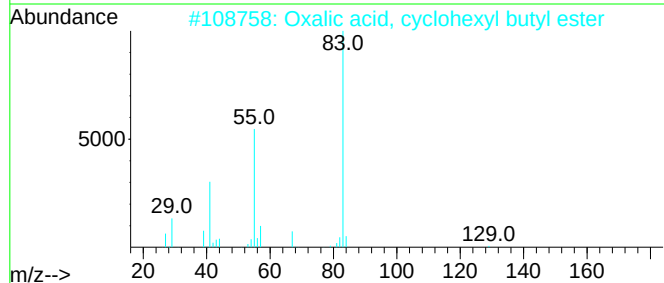
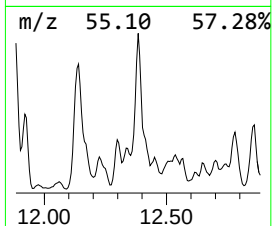
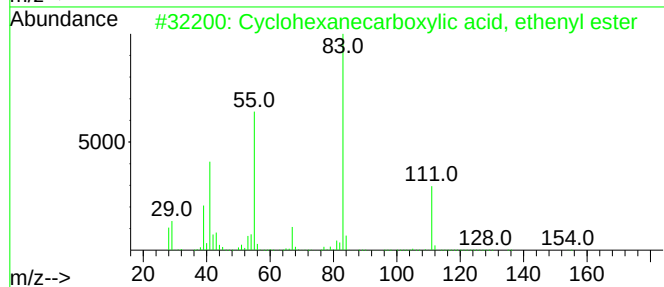
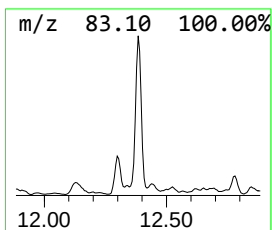
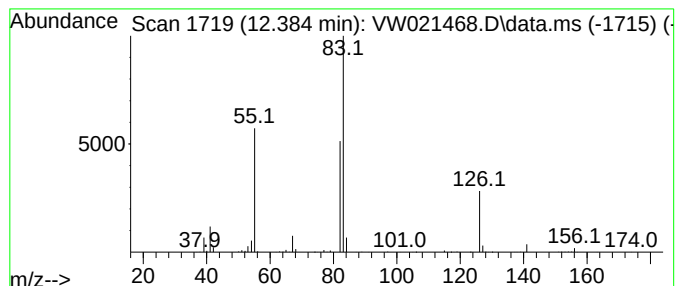
Instrument :
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ClientSampleId :
BGL89

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 29 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.384	24.66 ug/L	215319	Chlorobenzene-d5	11.634	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanecarboxylic acid, ethe...	154	C9H14O2	004840-76-0	47
2	Oxalic acid, cyclohexyl butyl ester	228	C12H20O4	1000309-30-5	47
3	Acetaldehyde 2E-hexenyl 3Z-hexen...	226	C14H26O2	1000431-45-5	47
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	39
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	39



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

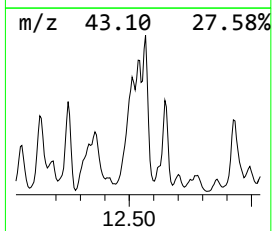
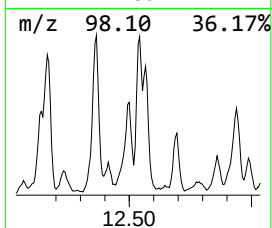
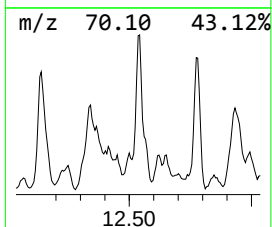
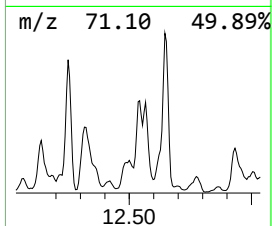
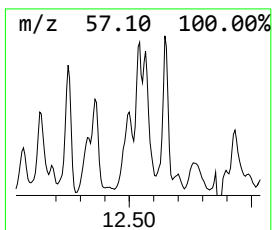
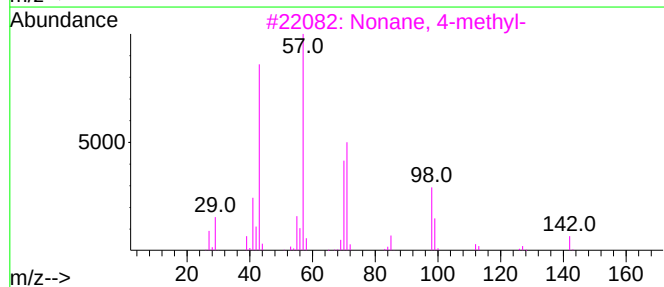
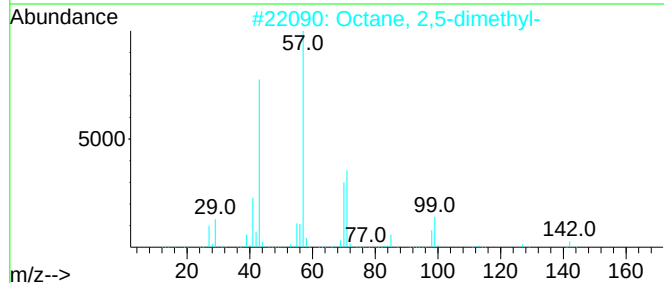
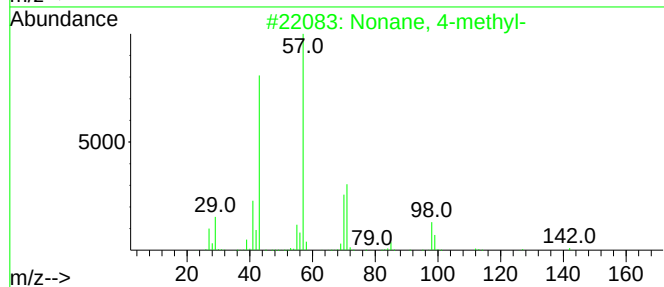
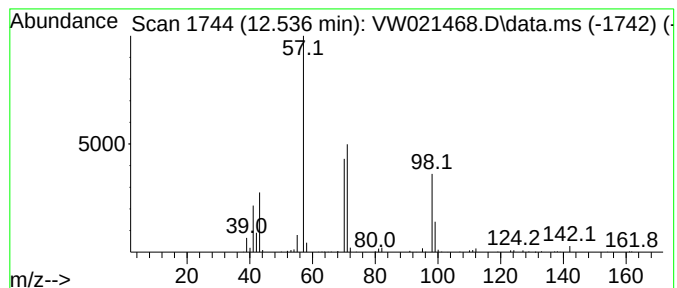
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MSVOA_W
ClientSampleId :
BGL89

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Quant Title : SFAM01.0

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

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.536	9.38 ug/L	81898	Chlorobenzene-d5		11.634	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-		142	C10H22	017301-94-9	83
2	Octane, 2,5-dimethyl-		142	C10H22	015869-89-3	80
3	Nonane, 4-methyl-		142	C10H22	017301-94-9	72
4	Heptane, 2,3,4-trimethyl-		142	C10H22	052896-95-4	64
5	Nonane, 4-methyl-		142	C10H22	017301-94-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL89

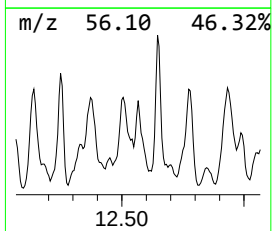
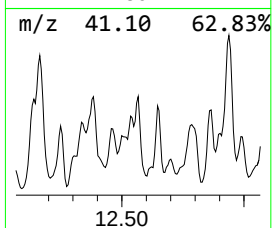
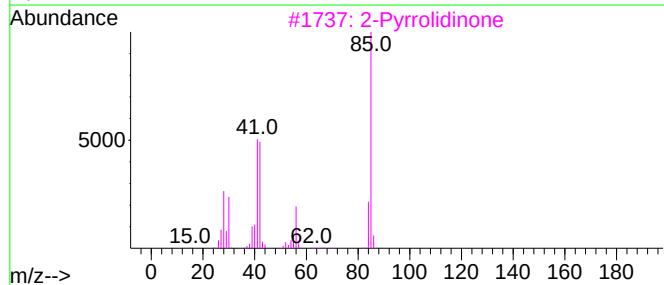
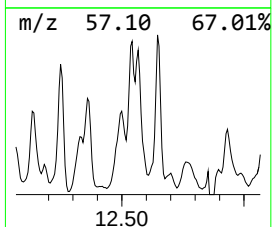
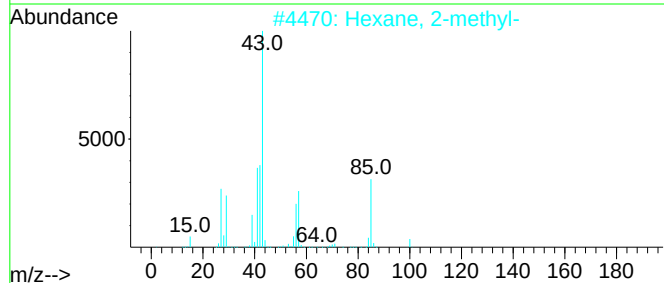
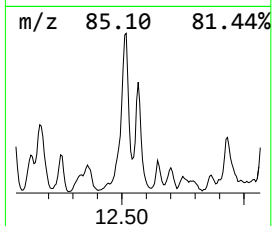
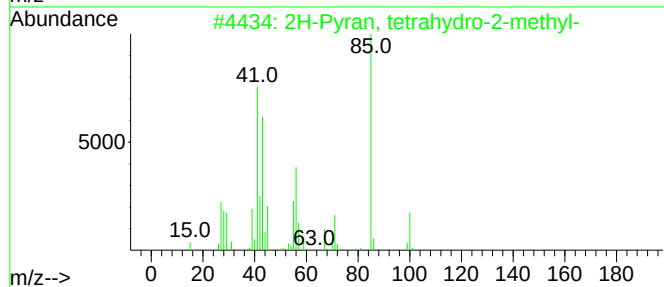
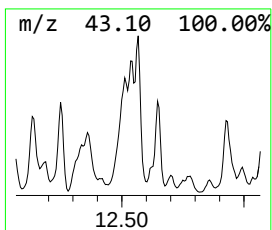
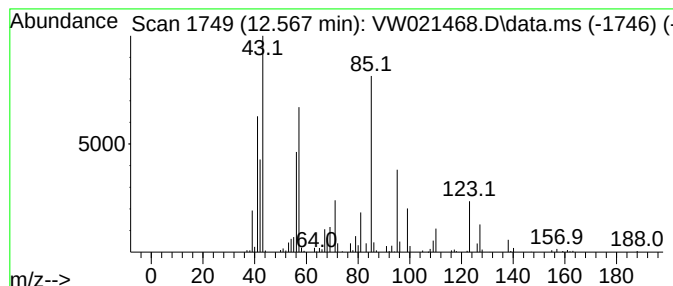
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Quant Title : SFAM01.0

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

Peak Number 31 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.567	28.76 ug/L	251131	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	46
2		Hexane, 2-methyl-	100	C7H16	000591-76-4	43
3		2-Pyrrolidinone	85	C4H7NO	000616-45-5	35
4		Hexane, 2-methyl-	100	C7H16	000591-76-4	30
5		Heptane, 4,4-dimethyl-	128	C9H20	001068-19-5	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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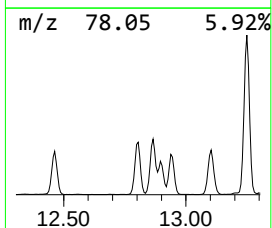
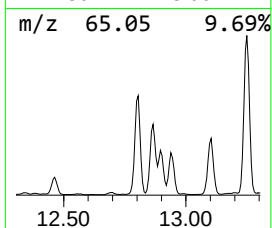
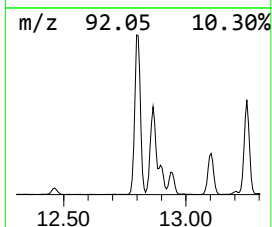
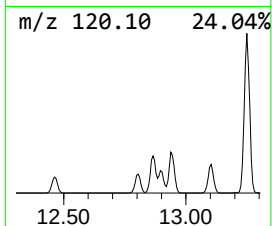
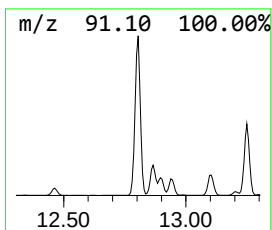
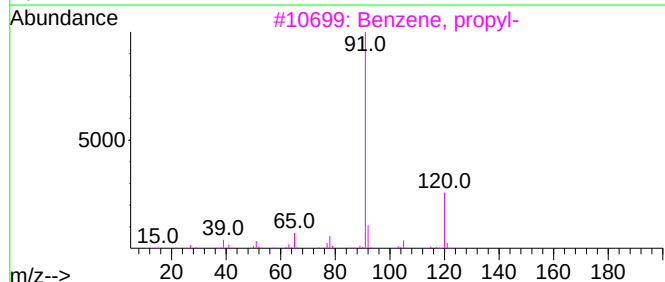
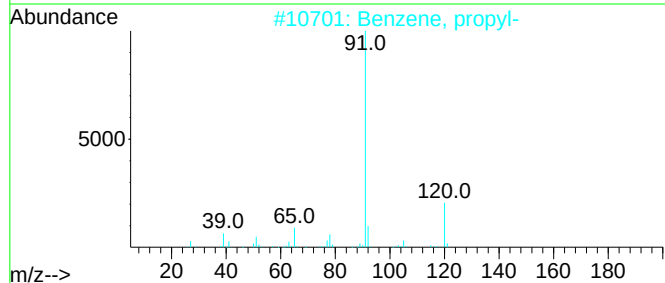
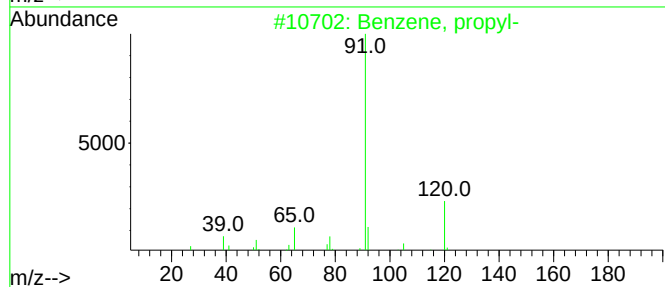
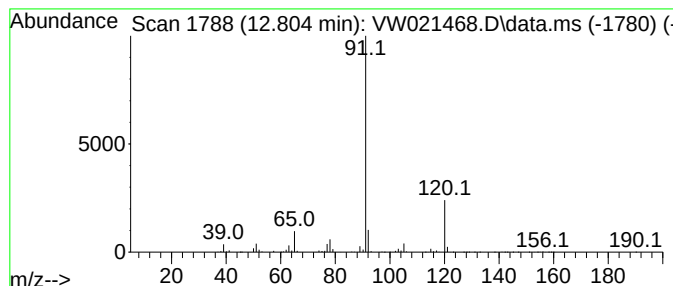
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Quant Title : SFAM01.0

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

Peak Number 32 Benzene, propyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.804	13.28 ug/L	2018660	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	90
4			Benzene, propyl-	120	C9H12	000103-65-1	90
5			N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL89

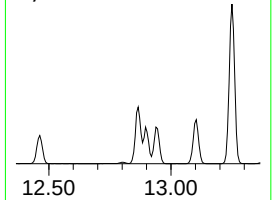
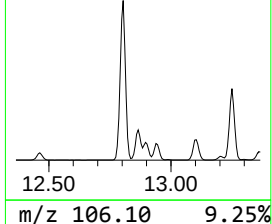
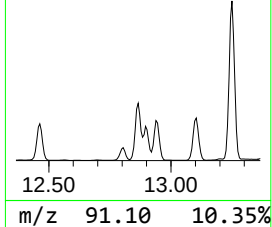
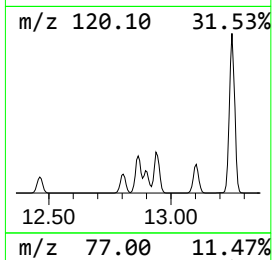
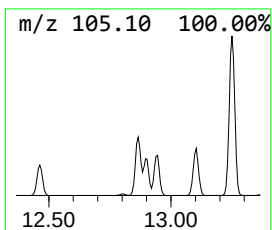
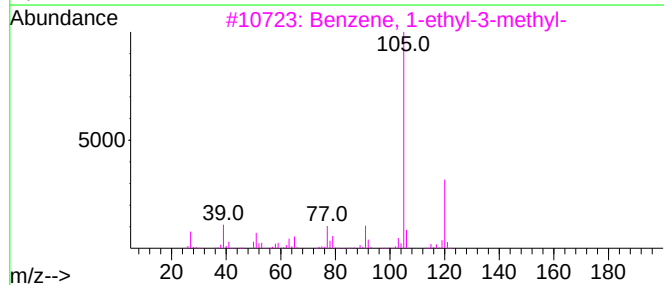
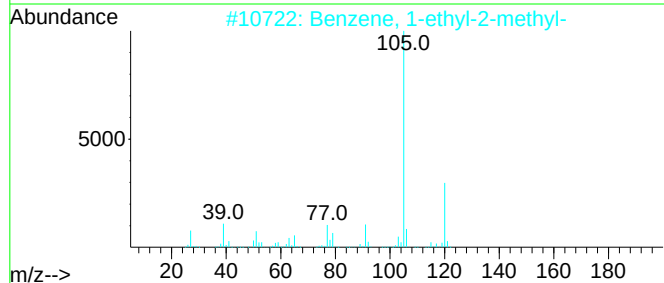
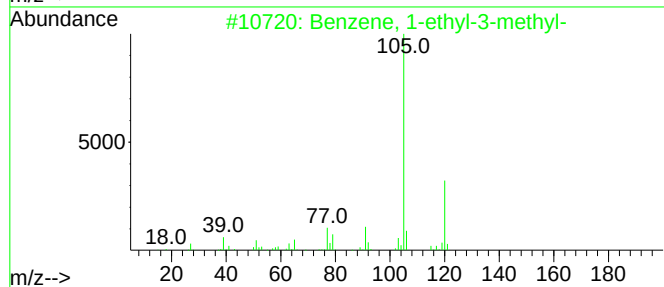
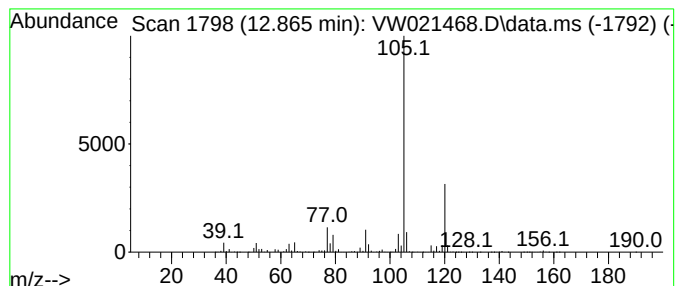
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Quant Title : SFAM01.0

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

Peak Number 33 Benzene, 1-ethyl-3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	26.20 ug/L	3982700	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
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-2-methyl-	120	C9H12	000611-14-3	95
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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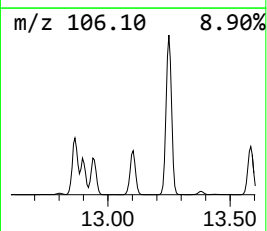
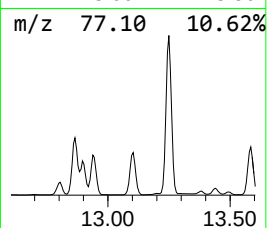
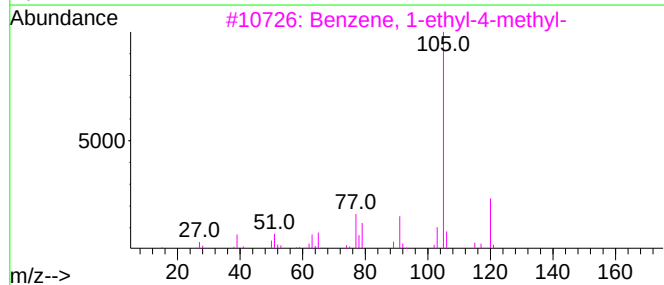
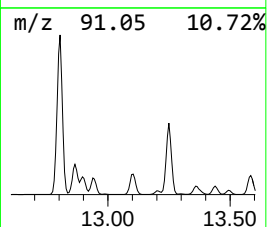
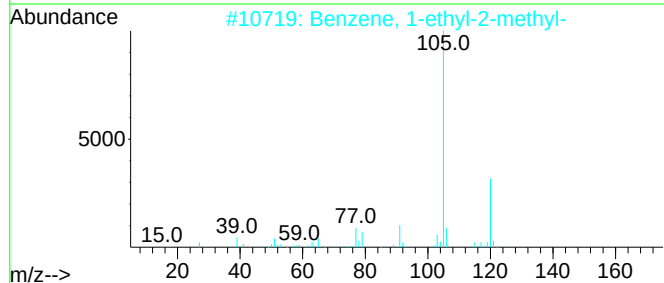
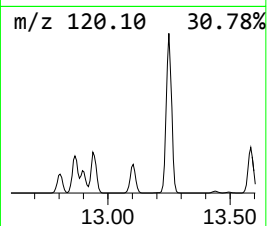
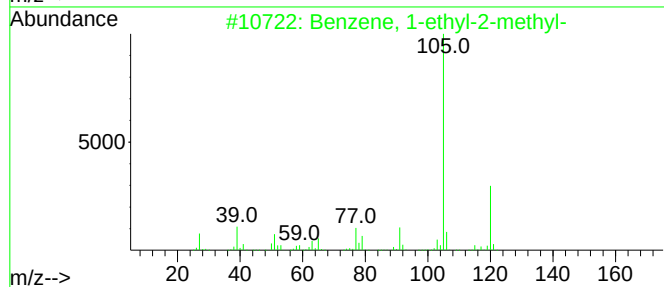
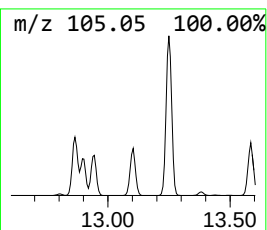
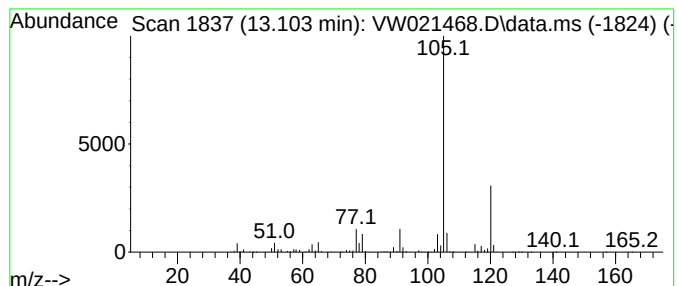
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Quant Title : SFAM01.0

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

Peak Number 34 Benzene, 1-ethyl-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.103	22.07 ug/L	3354950	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-2-methyl-	120	C9H12	000611-14-3	93
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4			Mesitylene	120	C9H12	000108-67-8	90
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL89

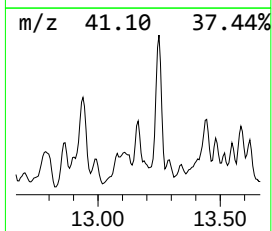
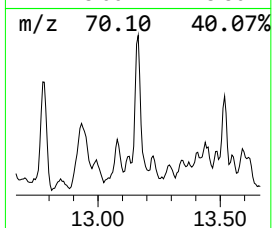
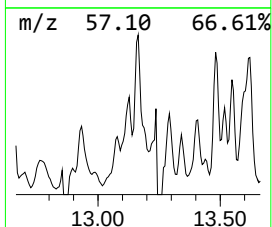
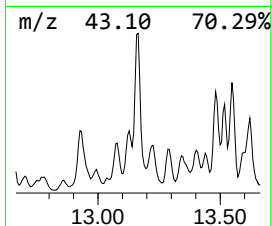
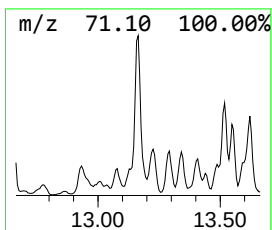
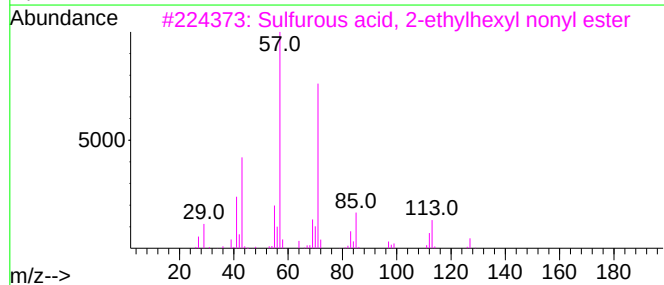
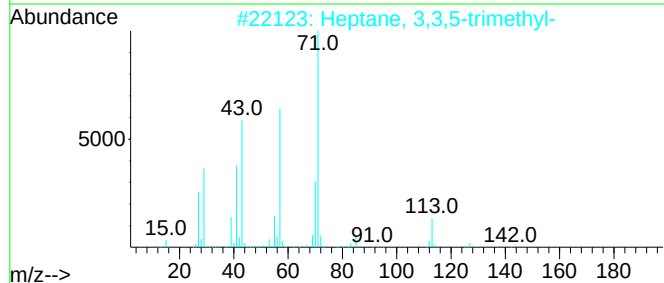
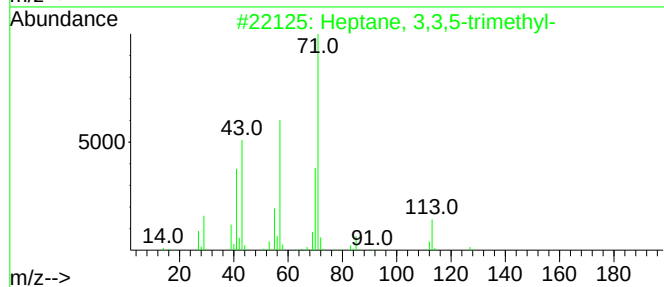
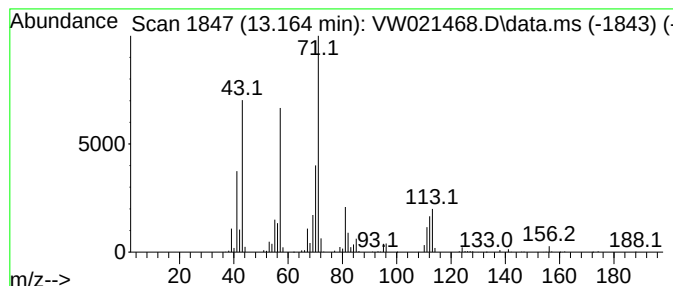
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Quant Title : SFAM01.0

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

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	1.81 ug/L	275691	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	80
2			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64
3			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	50
4			n-Amyl ether	158	C10H22O	000693-65-2	50
5			2,5-Hexanedione, 3-acetyl-	156	C8H12O3	042781-07-7	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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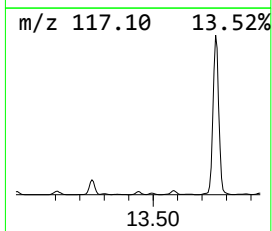
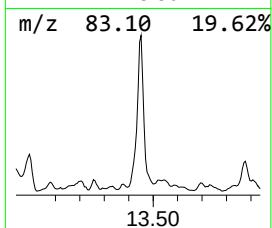
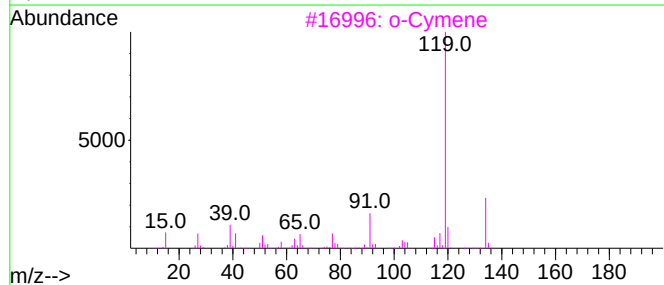
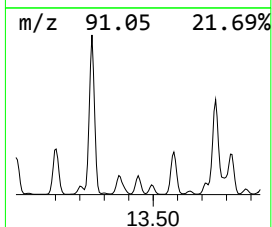
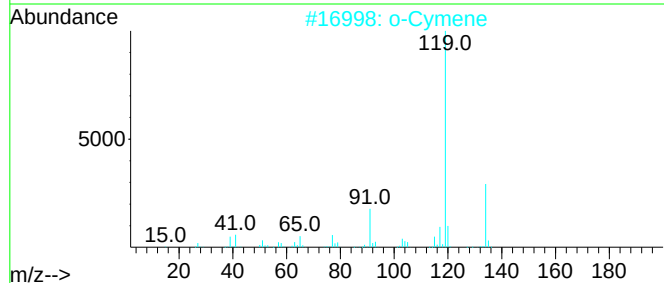
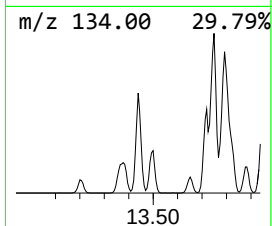
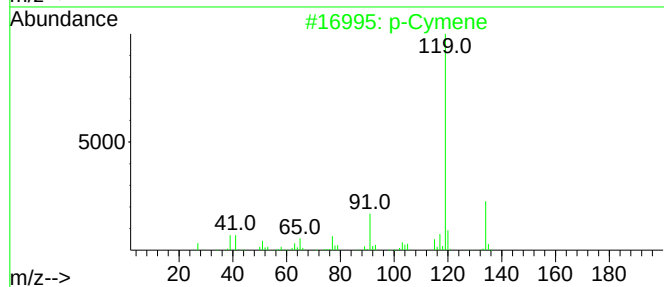
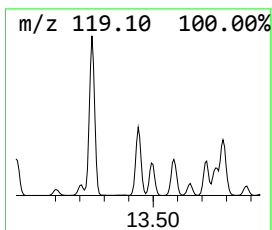
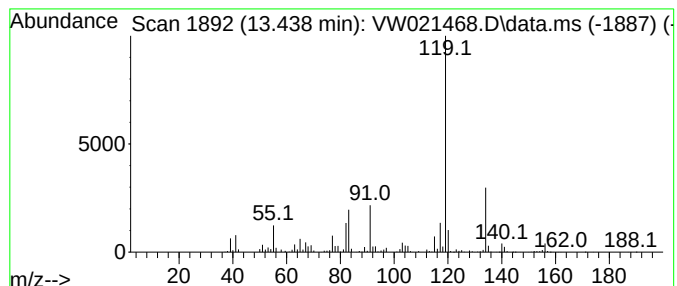
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Quant Title : SFAM01.0

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

Peak Number 36 p-Cymene Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.438	5.76 ug/L	875114	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	95
2			o-Cymene	134	C10H14	000527-84-4	95
3			o-Cymene	134	C10H14	000527-84-4	95
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5			o-Cymene	134	C10H14	000527-84-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL89

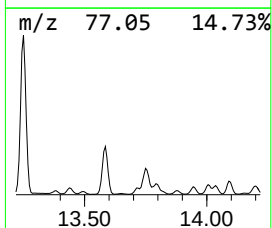
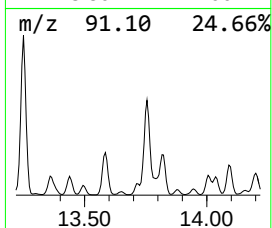
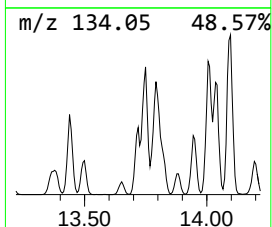
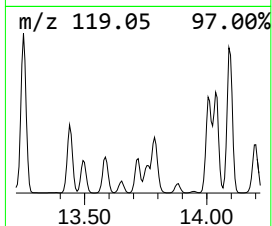
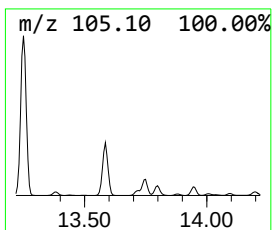
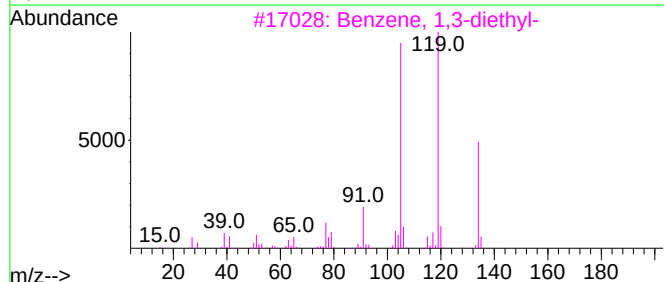
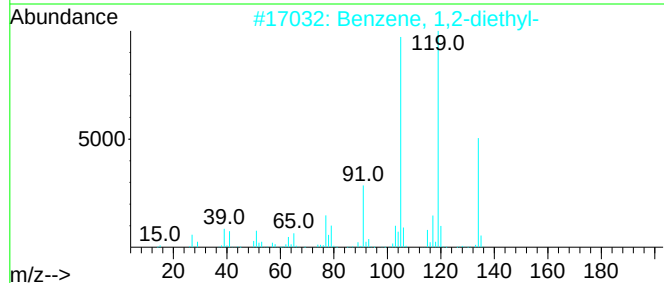
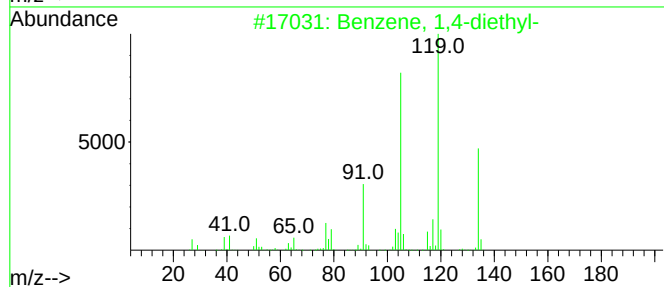
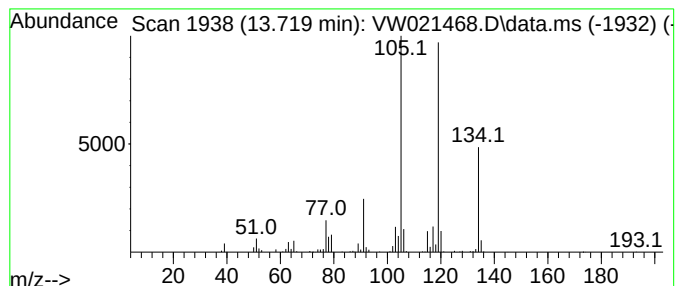
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Quant Title : SFAM01.0

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

Peak Number 37 Benzene, 1,4-diethyl- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.719	2.97 ug/L	450756	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
2			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
4			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
5			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL89

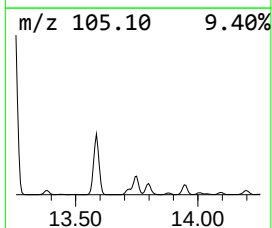
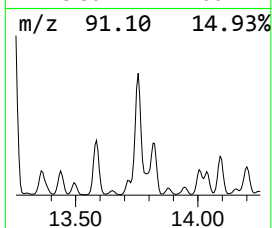
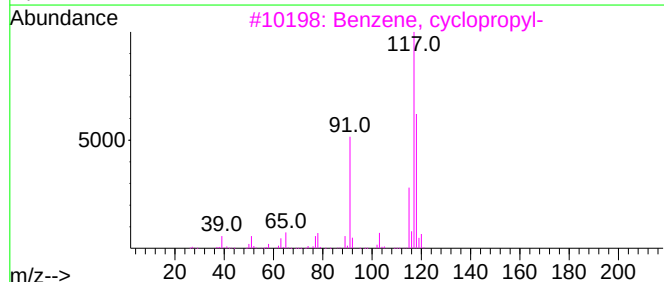
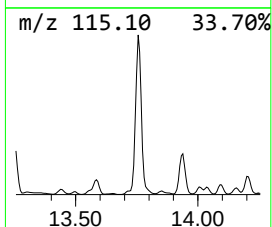
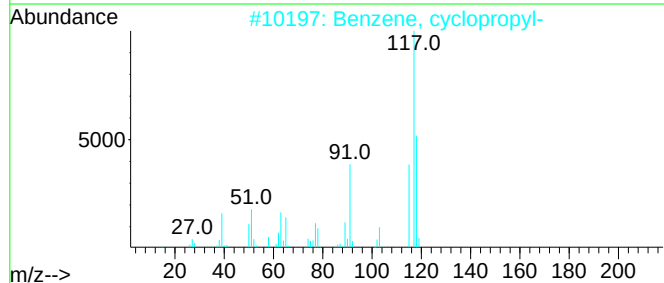
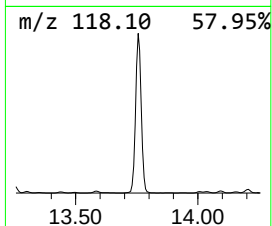
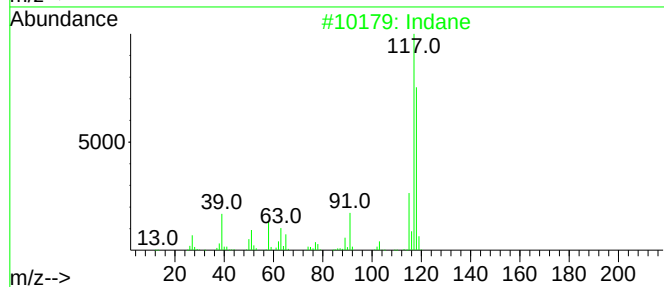
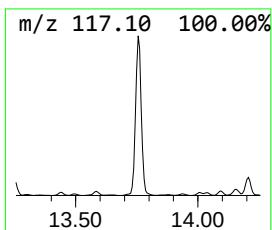
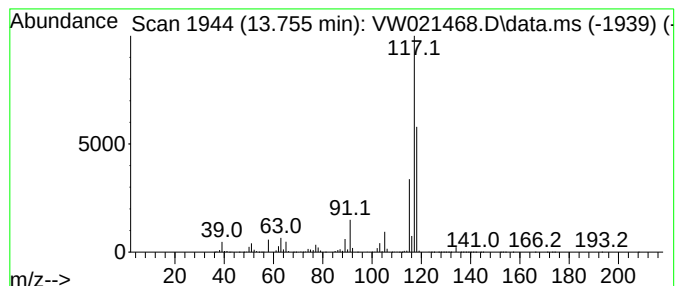
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Quant Title : SFAM01.0

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

Peak Number 38 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.755	34.07 ug/L	5180040	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	81
2			Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
3			Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4			Benzene, 2-propenyl-	118	C9H10	000300-57-2	72
5			Benzene, cyclopropyl-	118	C9H10	000873-49-4	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL89

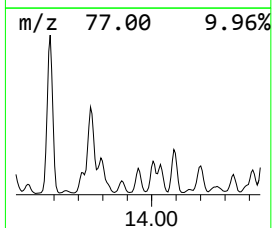
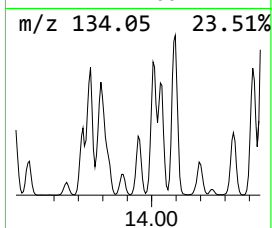
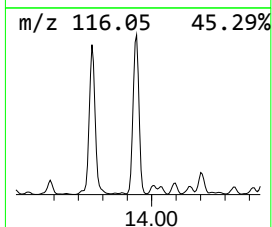
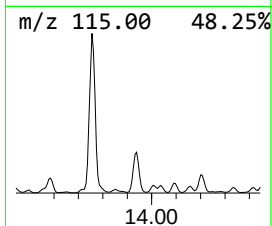
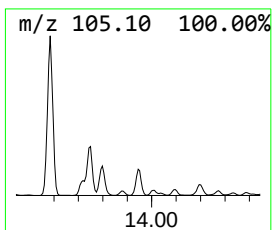
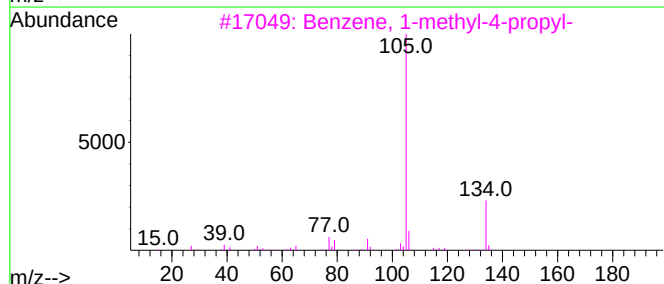
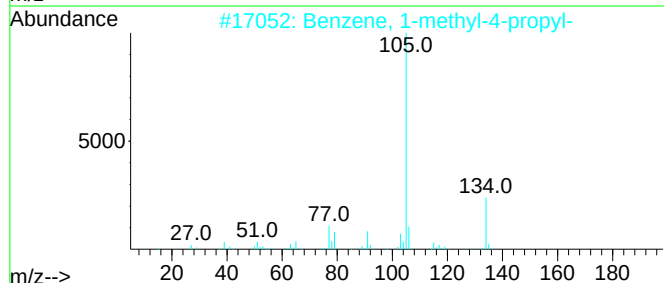
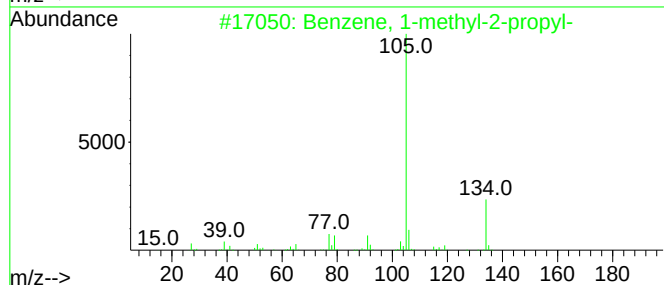
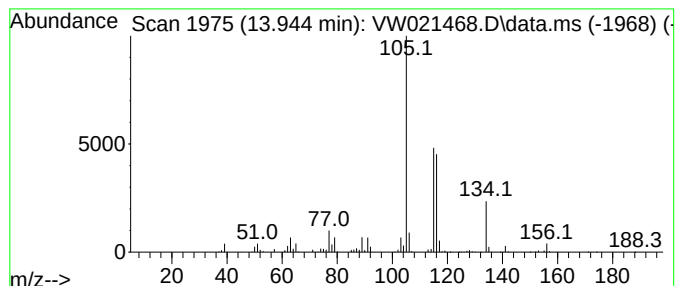
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Quant Title : SFAM01.0

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

Peak Number 39 unknown-03 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.944	5.64 ug/L	857865	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	38
2			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	38
3			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	38
4			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	35
5			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL89

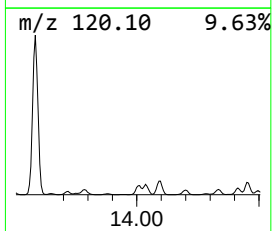
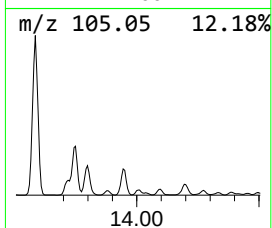
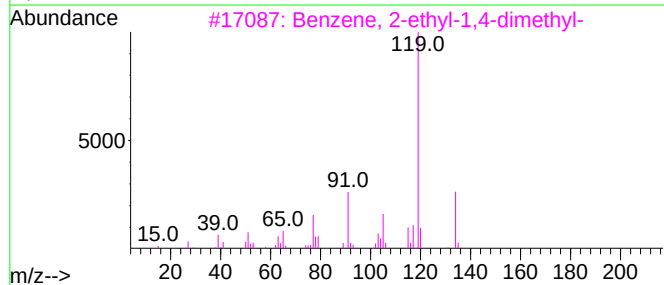
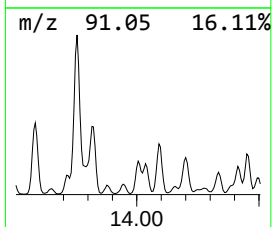
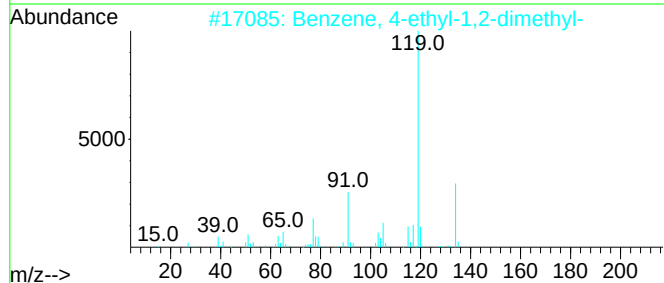
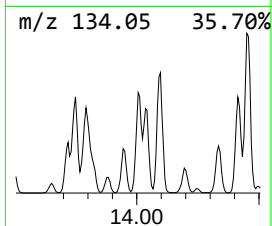
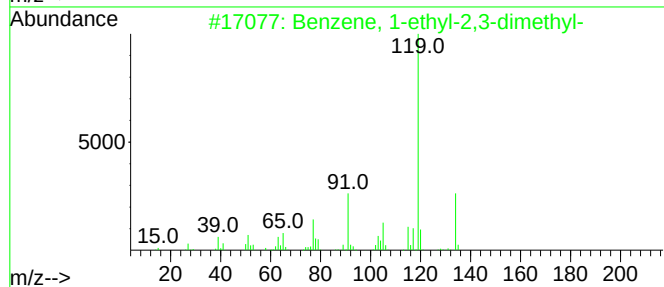
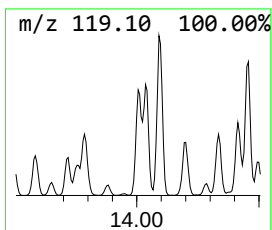
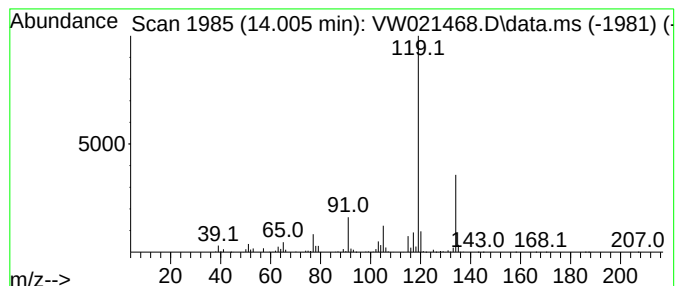
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Quant Title : SFAM01.0

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

Peak Number 40 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.005	6.24 ug/L	948054	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL89

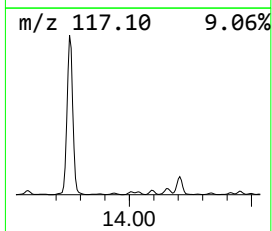
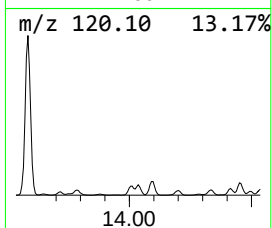
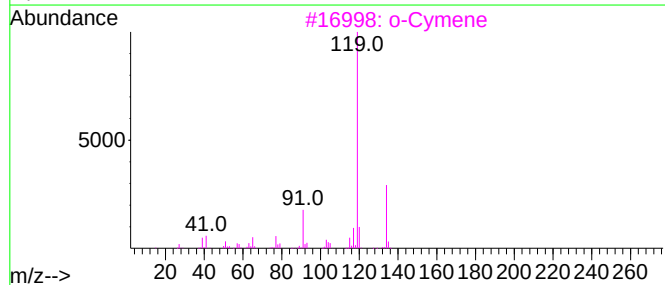
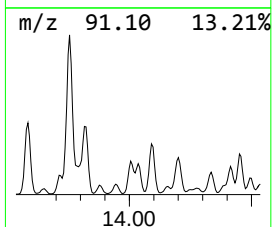
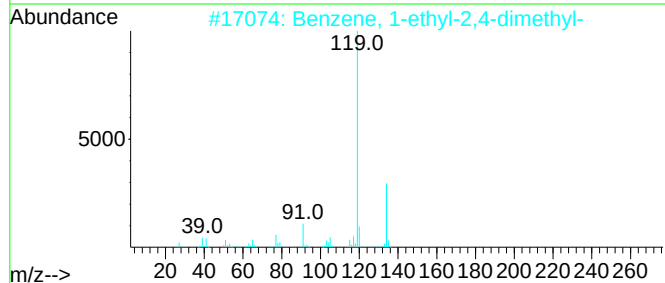
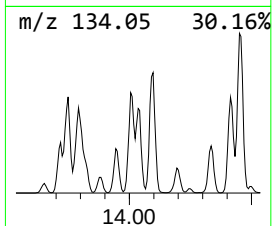
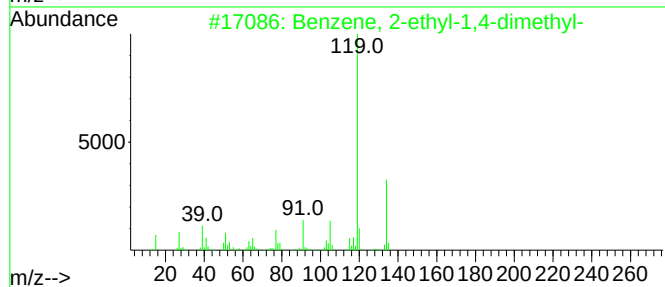
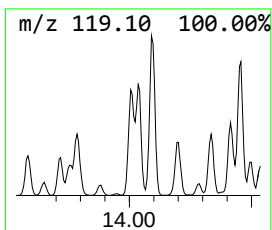
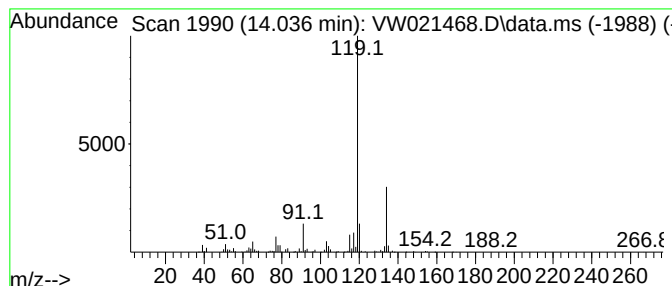
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Quant Title : SFAM01.0

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

Peak Number 41 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.036	4.71 ug/L	716277	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	94
2			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
3			o-Cymene	134	C10H14	000527-84-4	94
4			o-Cymene	134	C10H14	000527-84-4	91
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL89

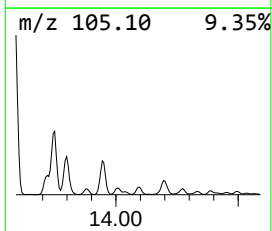
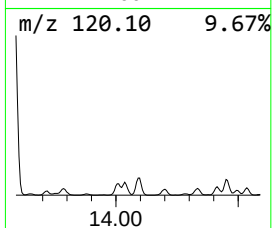
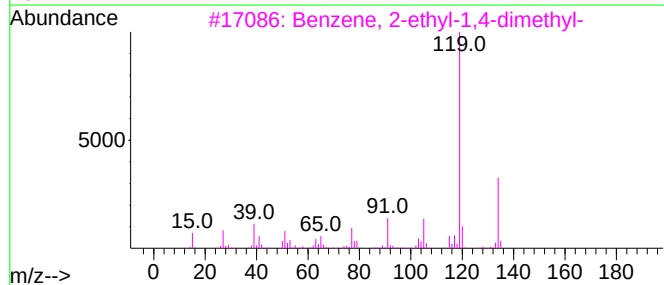
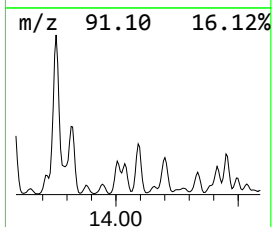
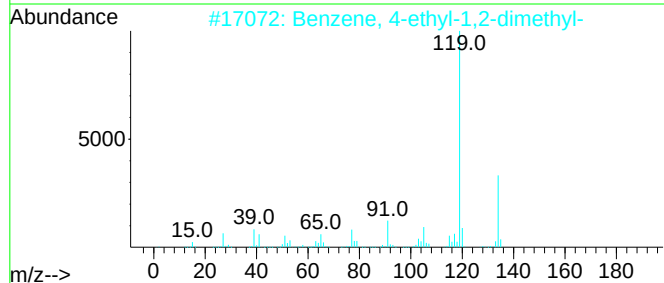
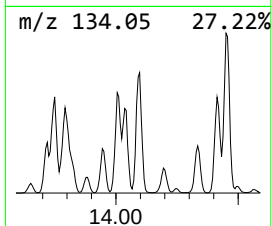
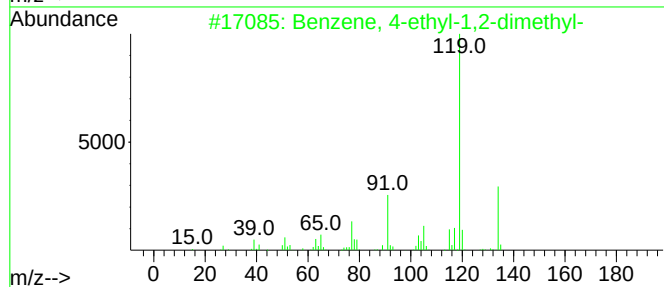
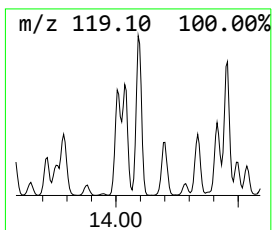
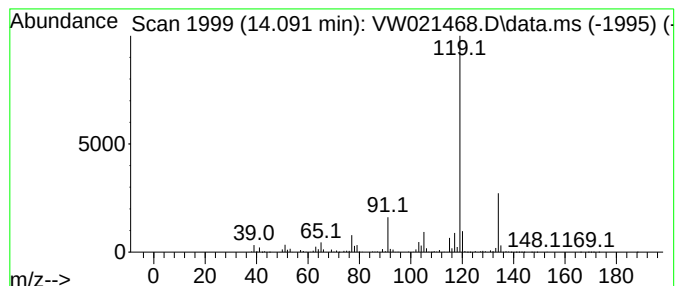
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Quant Title : SFAM01.0

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

Peak Number 42 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.091	8.12 ug/L	1233940	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4			o-Cymene	134	C10H14	000527-84-4	95
5			o-Cymene	134	C10H14	000527-84-4	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL89

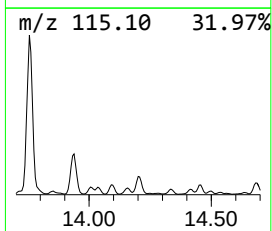
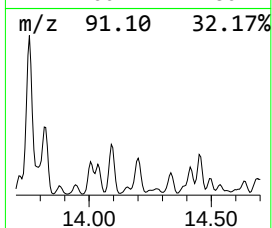
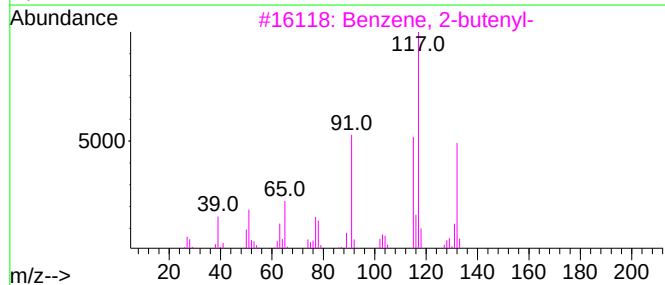
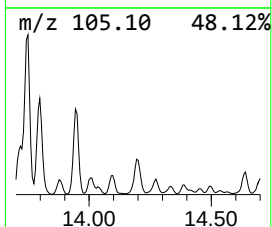
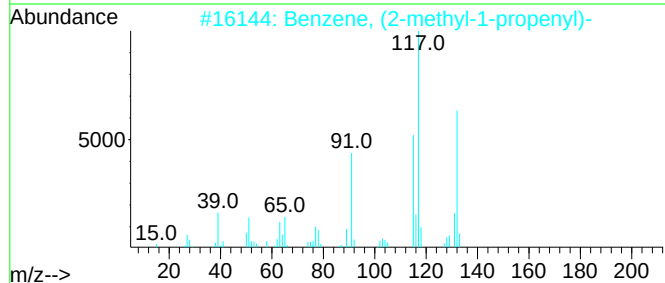
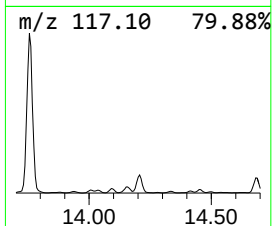
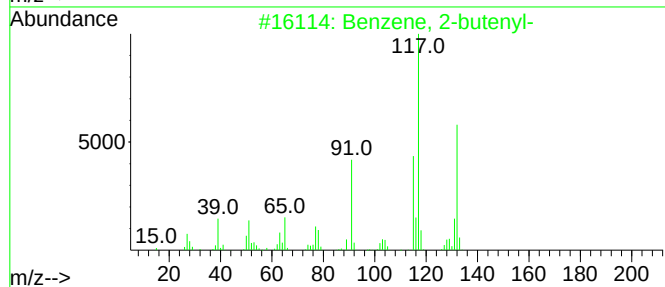
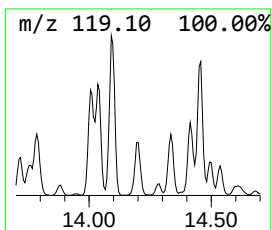
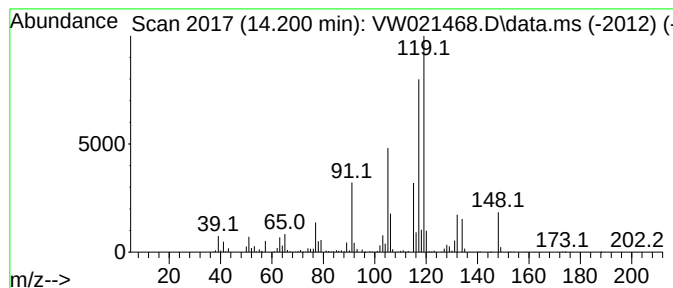
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Quant Title : SFAM01.0

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

Peak Number 43 Benzene, 2-butenyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.201	6.64 ug/L	1009850	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-butenyl-	132	C10H12	001560-06-1	86
2			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
3			Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
4			3-Phenylbut-1-ene	132	C10H12	000934-10-1	50
5			1-Phenyl-1-butene	132	C10H12	000824-90-8	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL89

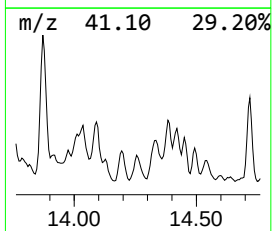
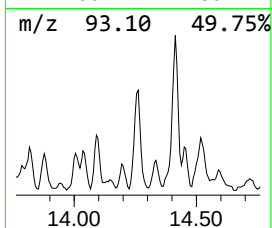
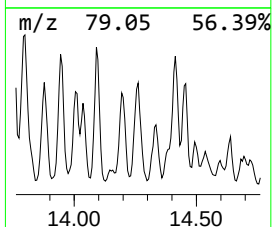
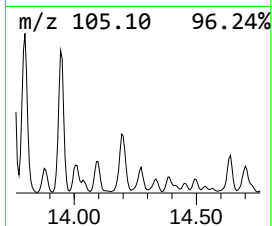
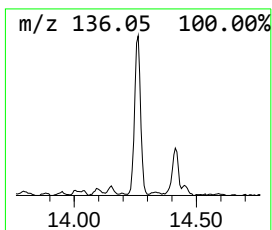
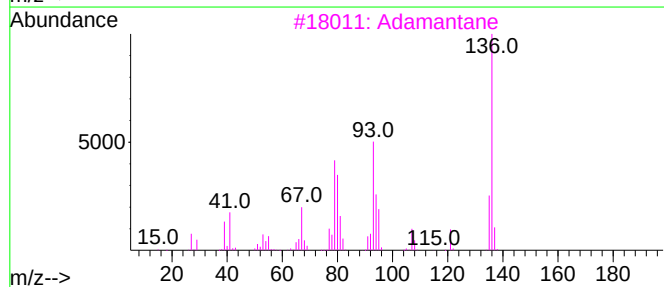
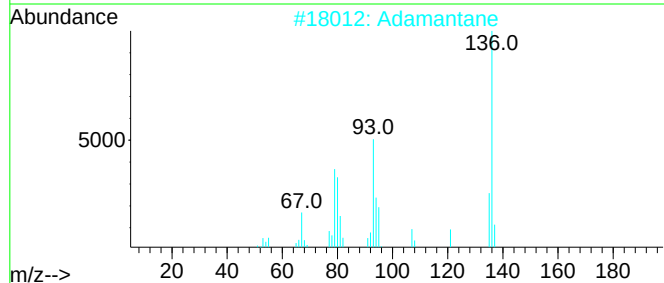
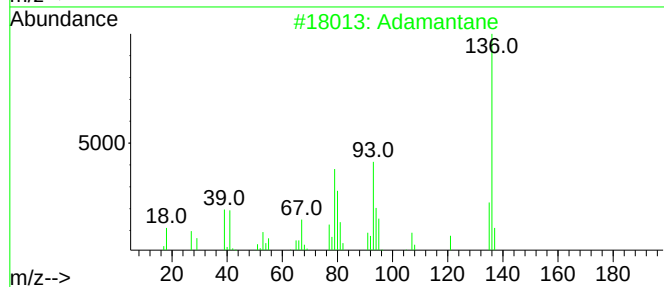
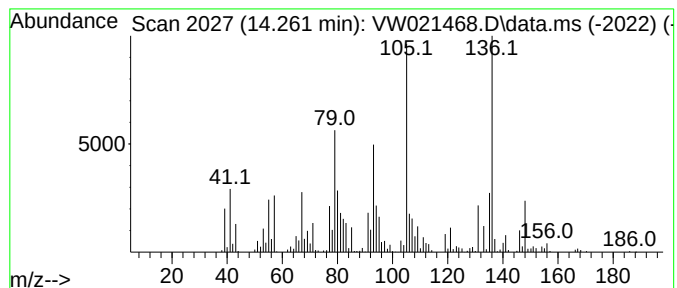
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Quant Title : SFAM01.0

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

Peak Number 44 Adamantane Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.261	1.89 ug/L	286850	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Adamantane	136	C10H16	000281-23-2	90
2			Adamantane	136	C10H16	000281-23-2	86
3			Adamantane	136	C10H16	000281-23-2	62
4			Adamantane	136	C10H16	000281-23-2	58
5			3H-Cyclopenta[c]pyridazin-3-one,...	136	C7H8N2O	1000338-22-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

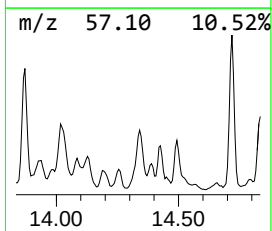
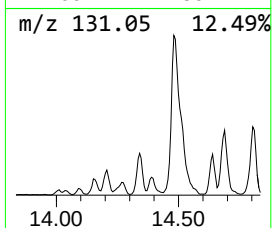
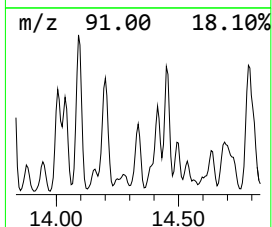
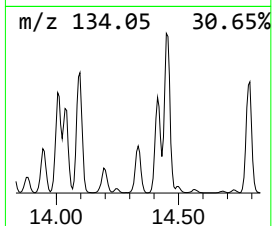
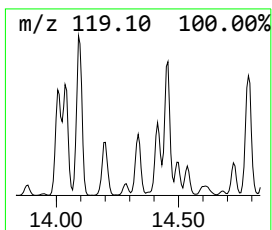
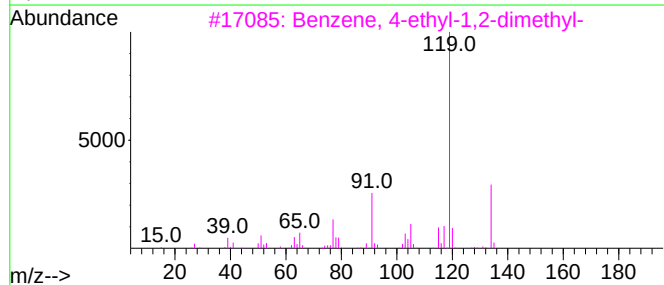
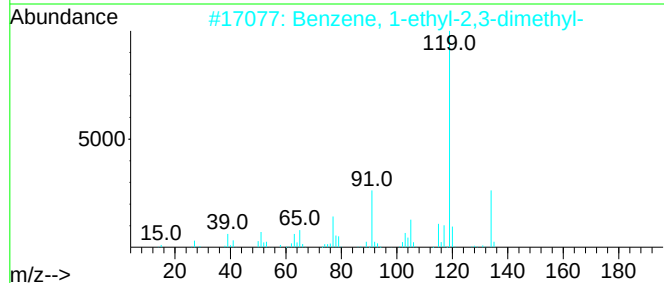
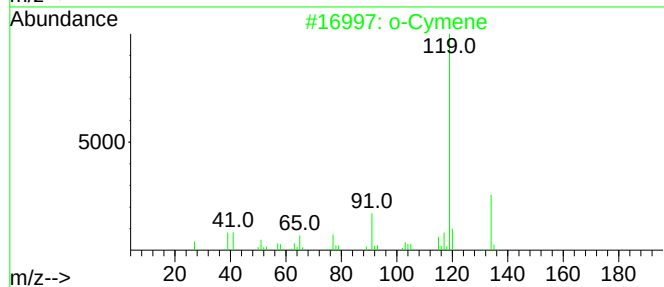
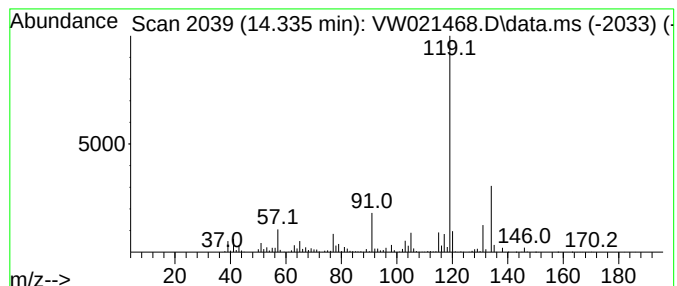
Instrument :
MSVOA_W
ClientSampleId :
BGL89

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 45 o-Cymene Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.335	4.25 ug/L	646056	1,4-Dichlorobenzene-d4			13.554
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	o-Cymene		134	C10H14	000527-84-4	95
2	Benzene, 1-ethyl-2,3-dimethyl-		134	C10H14	000933-98-2	95
3	Benzene, 4-ethyl-1,2-dimethyl-		134	C10H14	000934-80-5	95
4	Benzene, 2-ethyl-1,3-dimethyl-		134	C10H14	002870-04-4	94
5	o-Cymene		134	C10H14	000527-84-4	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL89

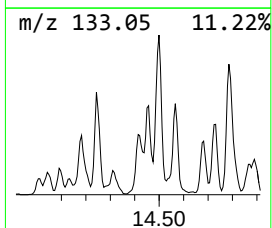
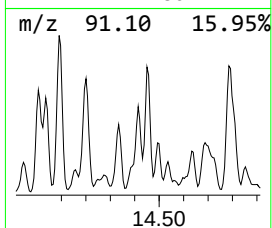
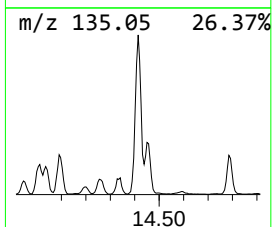
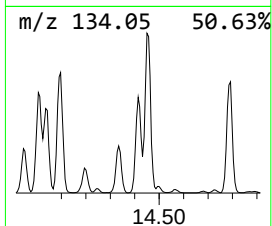
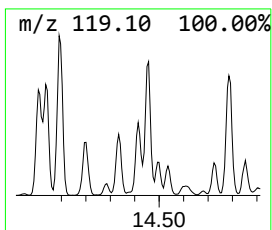
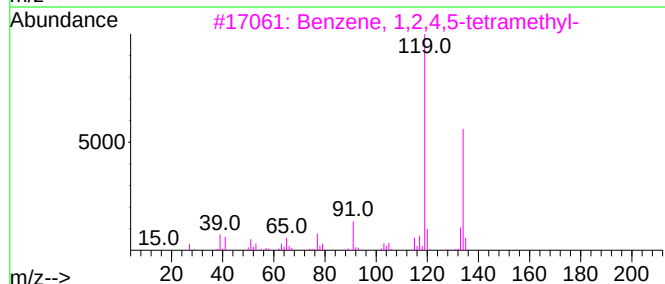
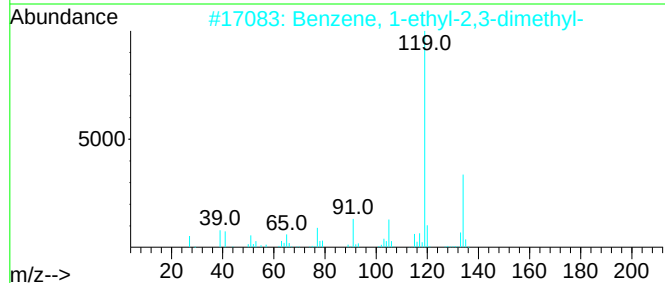
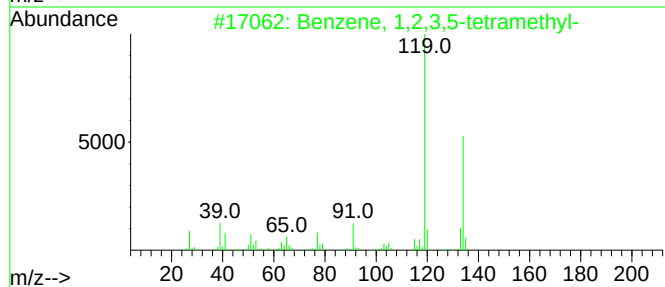
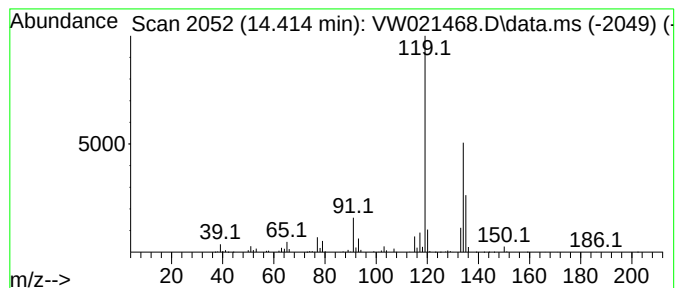
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Quant Title : SFAM01.0

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

Peak Number 47 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.414	4.89 ug/L	743441	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
4			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	90
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL89

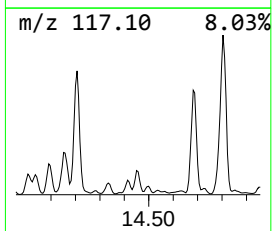
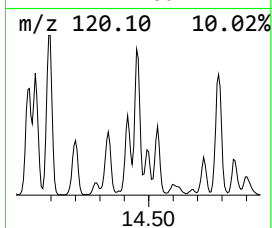
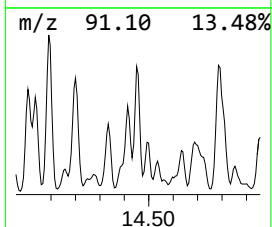
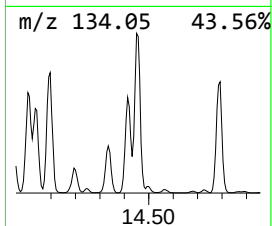
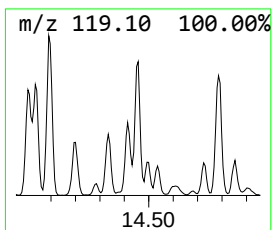
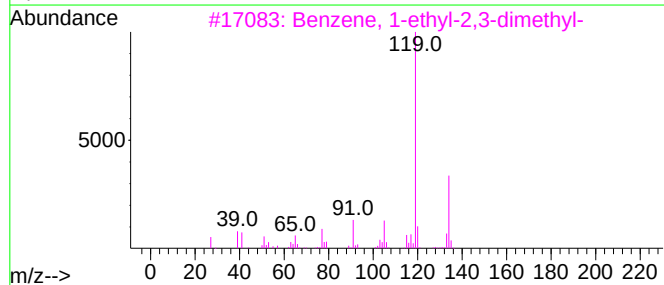
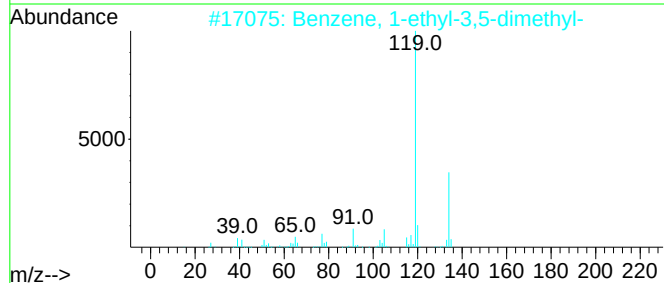
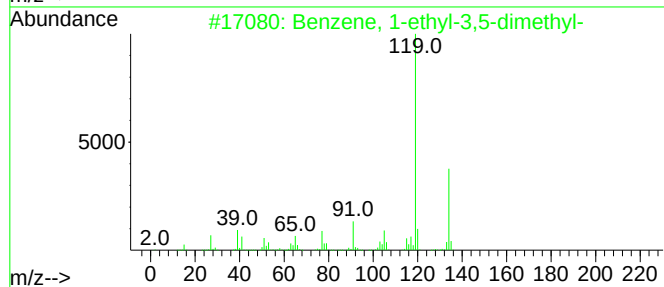
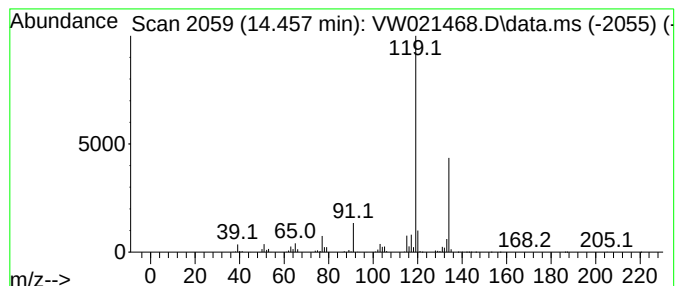
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Quant Title : SFAM01.0

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

Peak Number 48 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.457	7.33 ug/L	1114070	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
2			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL89

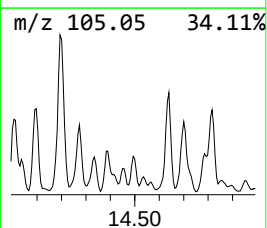
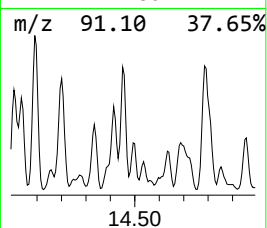
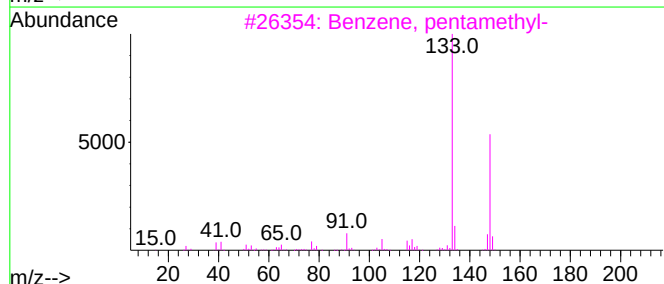
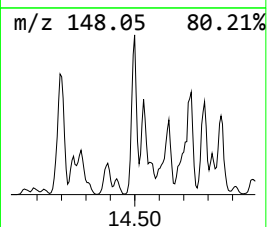
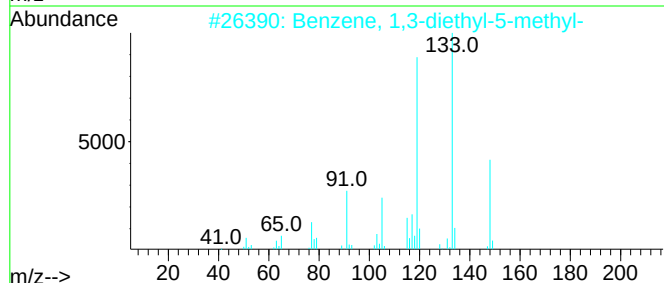
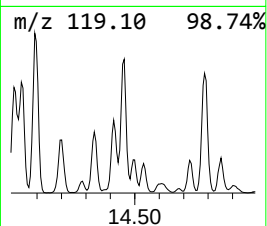
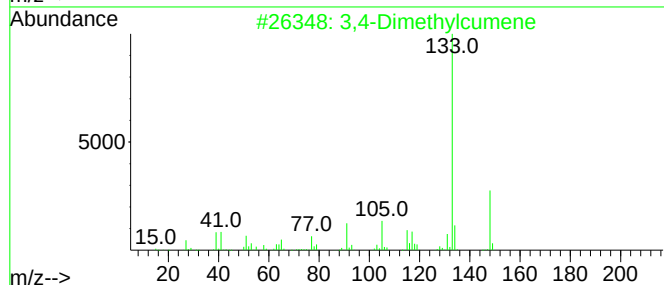
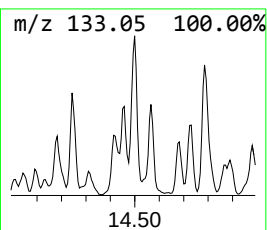
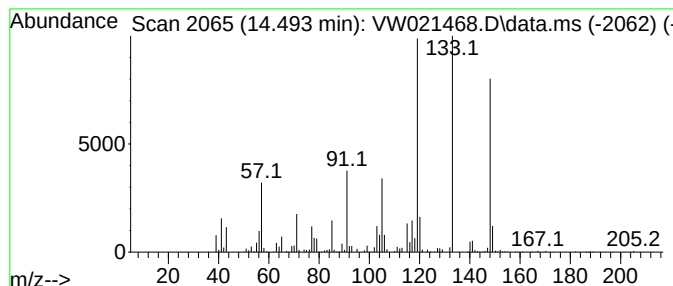
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Quant Title : SFAM01.0

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

Peak Number 49 3,4-Dimethylcumene Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.493	4.73 ug/L	719569	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4-Dimethylcumene	148	C11H16	1000370-34-1	64
2			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	59
3			Benzene, pentamethyl-	148	C11H16	000700-12-9	52
4			Benzene, pentamethyl-	148	C11H16	000700-12-9	49
5			1-(2,3-Dimethylphenyl)ethanone	148	C10H12O	002142-71-4	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL89

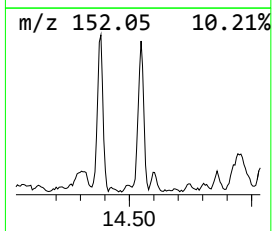
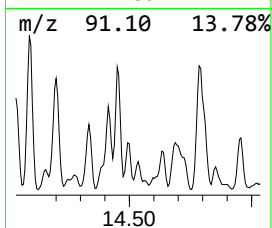
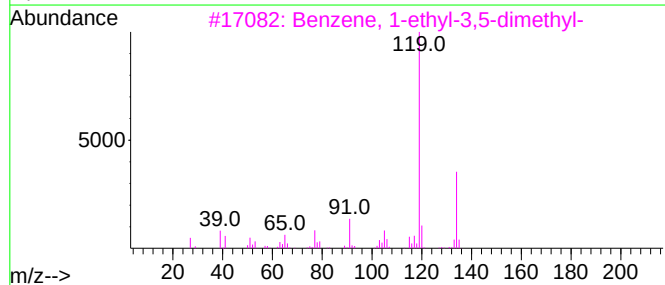
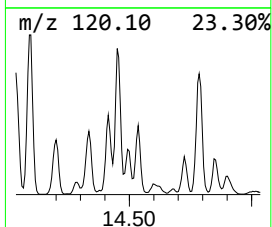
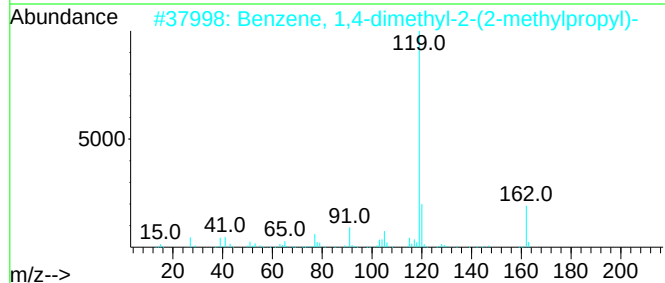
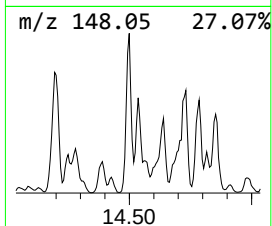
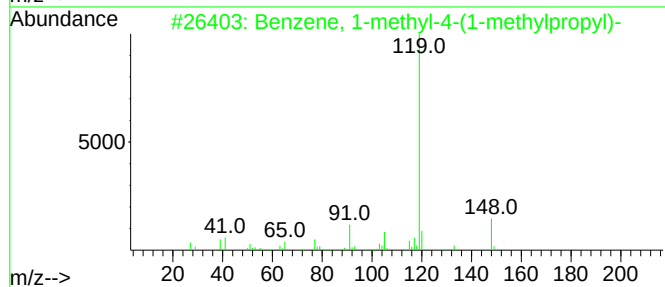
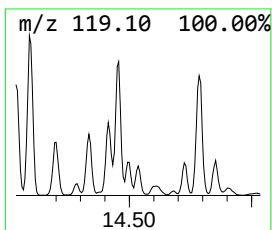
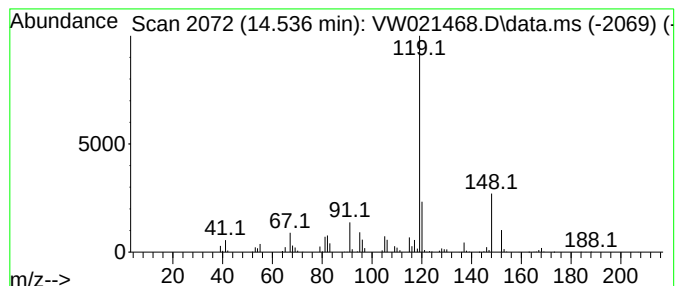
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Quant Title : SFAM01.0

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

Peak Number 50 Benzene, 1-methyl-4-(1-meth... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.536	2.37 ug/L	360862	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	58
2			Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	47
3			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	47
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	43
5			Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL89

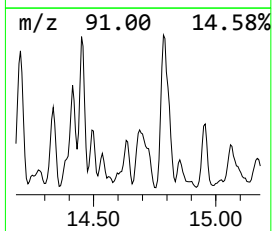
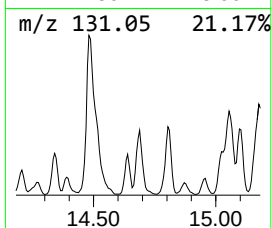
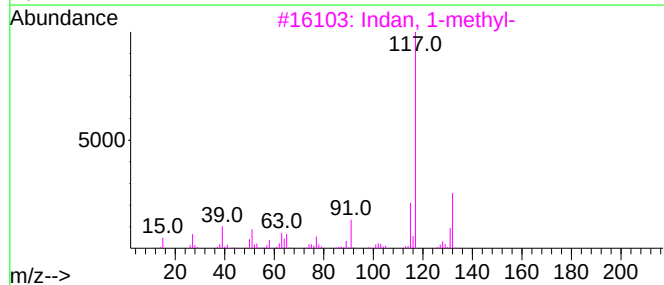
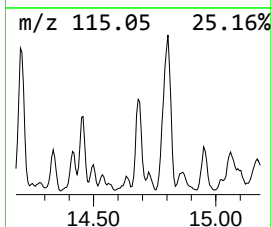
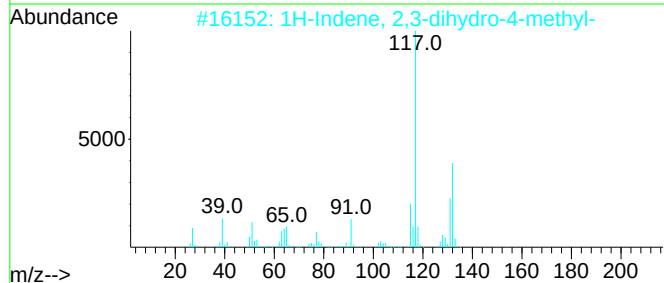
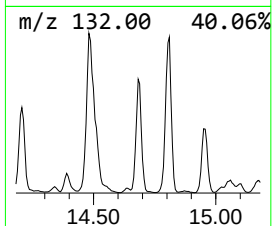
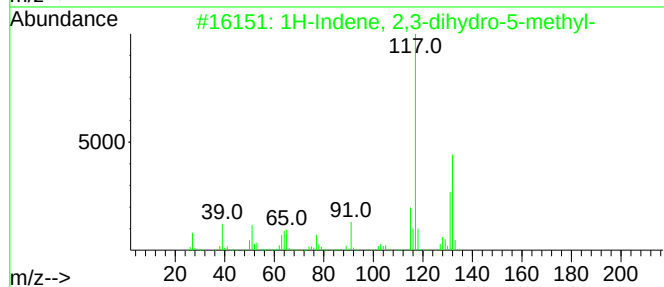
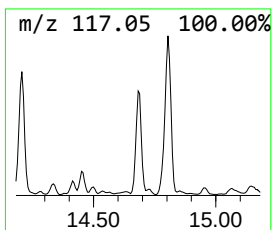
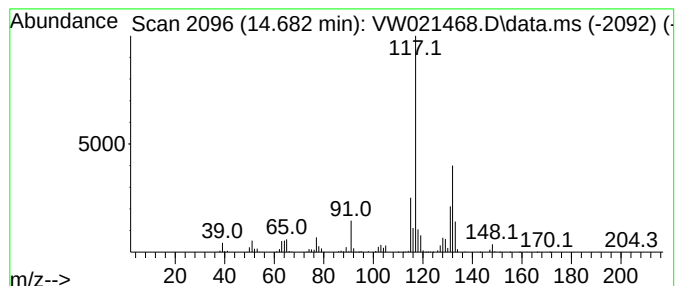
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Quant Title : SFAM01.0

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

Peak Number 52 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.682	3.47 ug/L	528262	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
2			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
3			Indan, 1-methyl-	132	C10H12	000767-58-8	83
4			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
5			1-Phenyl-1-butene	132	C10H12	000824-90-8	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL89

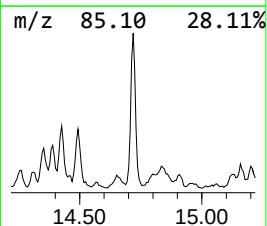
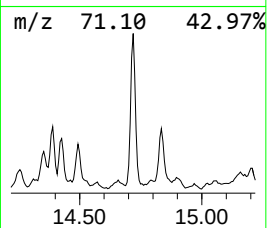
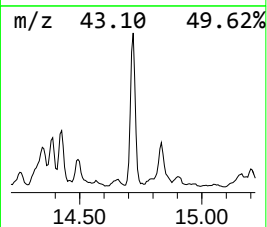
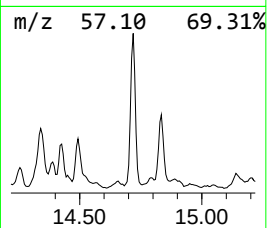
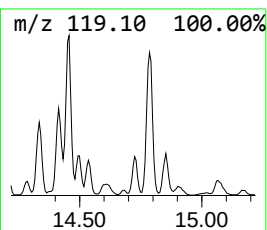
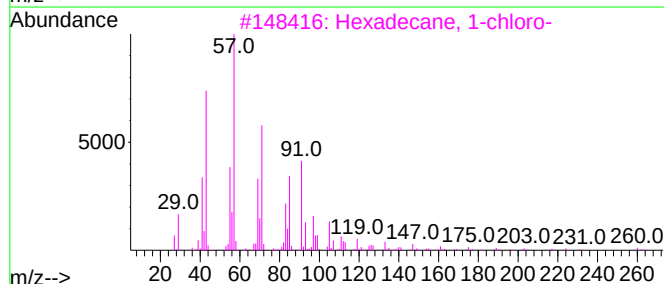
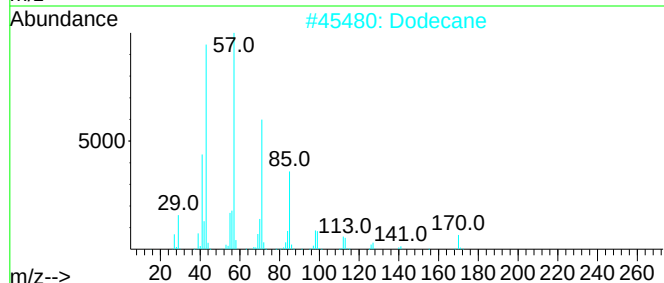
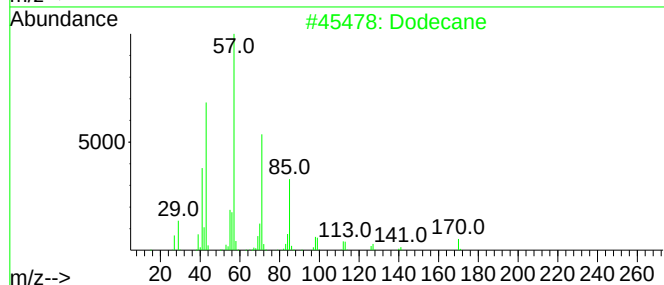
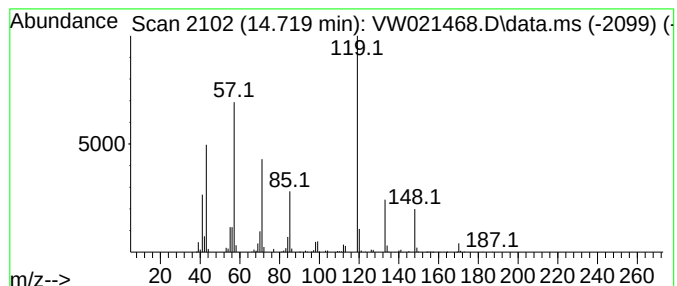
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Quant Title : SFAM01.0

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

Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.719	3.45 ug/L	524601	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	60
2			Dodecane	170	C12H26	000112-40-3	35
3			Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	27
4			Tridecane	184	C13H28	000629-50-5	25
5			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL89

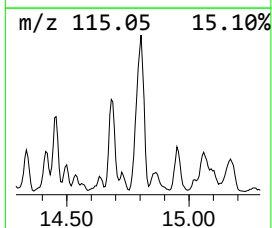
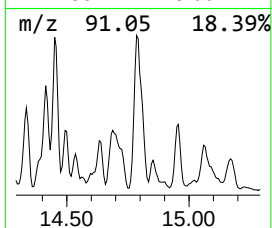
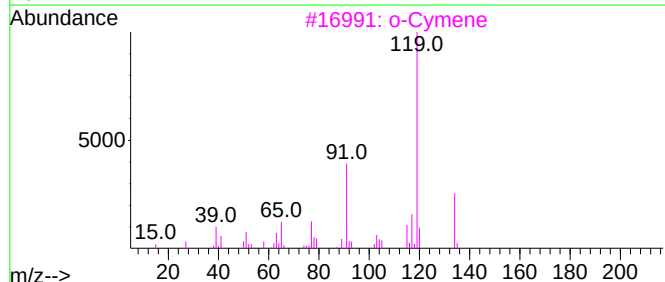
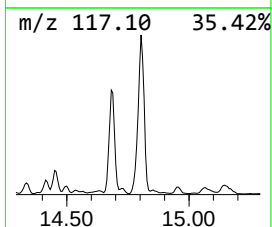
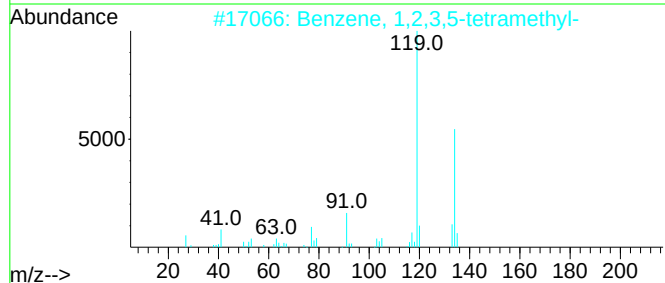
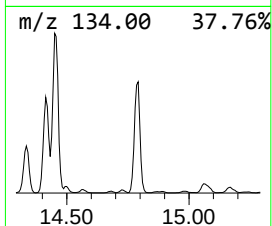
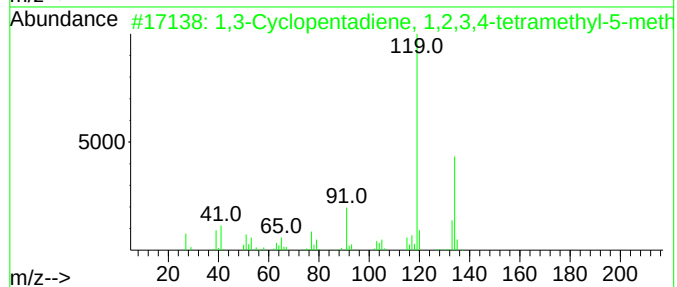
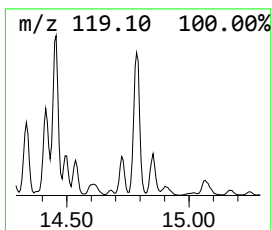
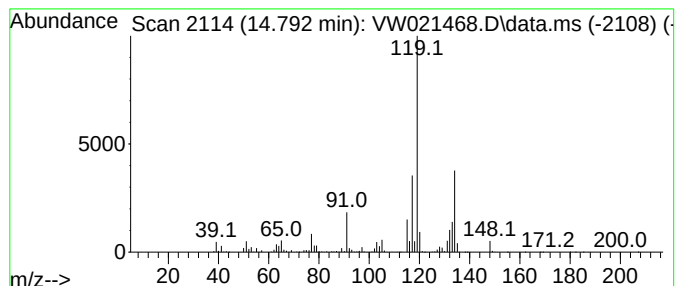
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Quant Title : SFAM01.0

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

Peak Number 54 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	13.00 ug/L	1975770	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	81
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
3			o-Cymene	134	C10H14	000527-84-4	76
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL89

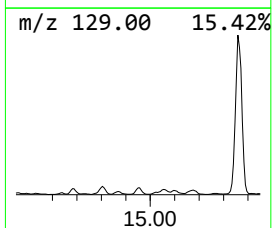
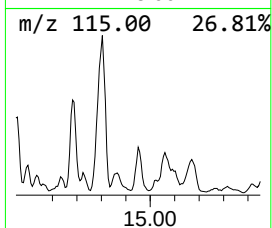
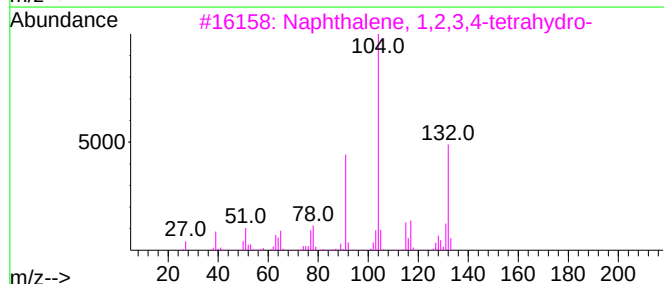
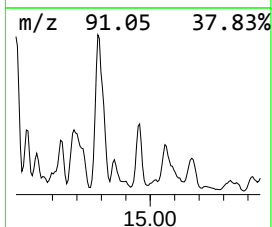
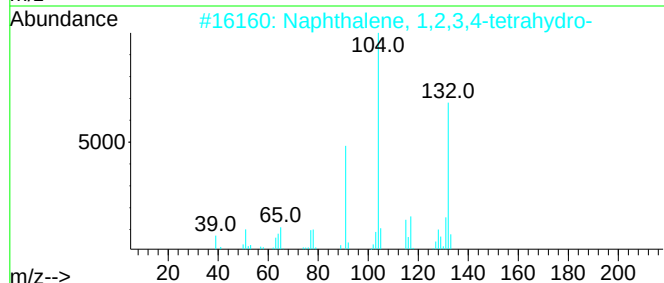
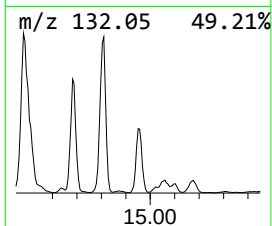
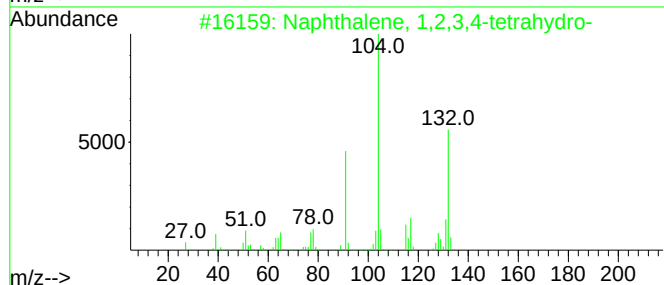
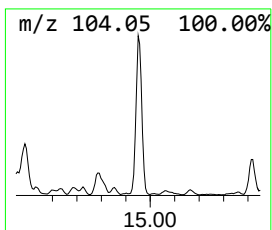
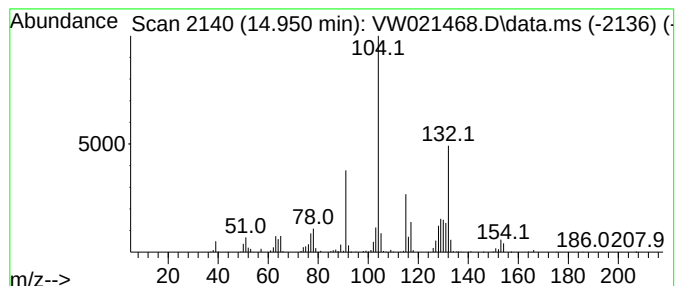
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Quant Title : SFAM01.0

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

Peak Number 56 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.950	1.87 ug/L	283650	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
3			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
4			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	93
5			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL89

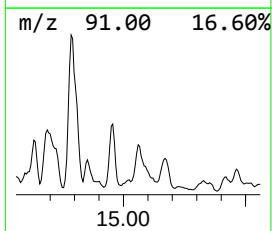
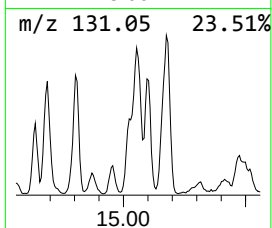
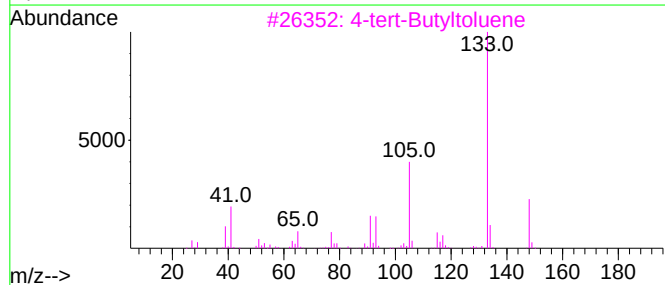
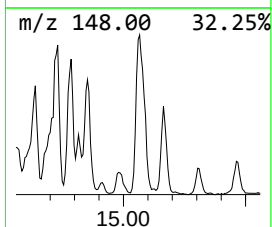
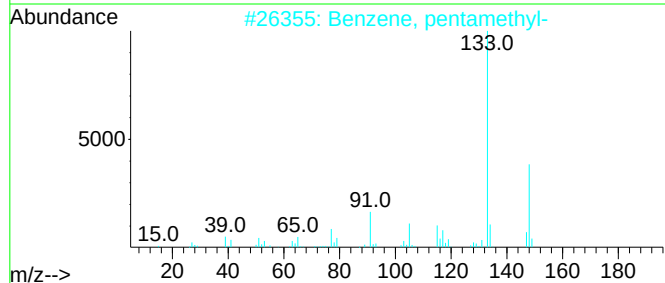
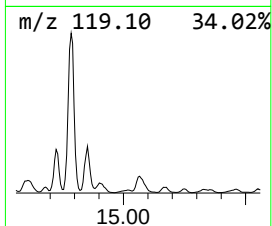
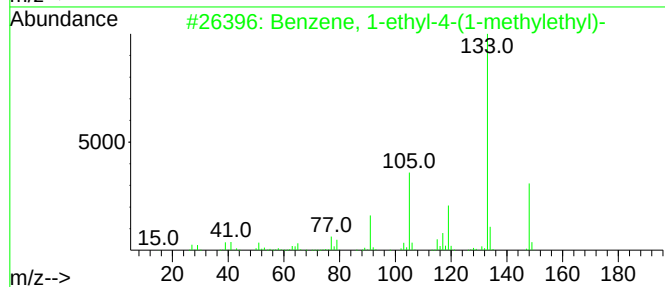
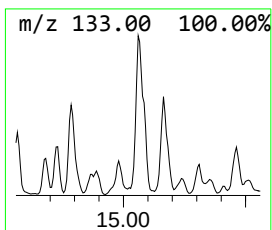
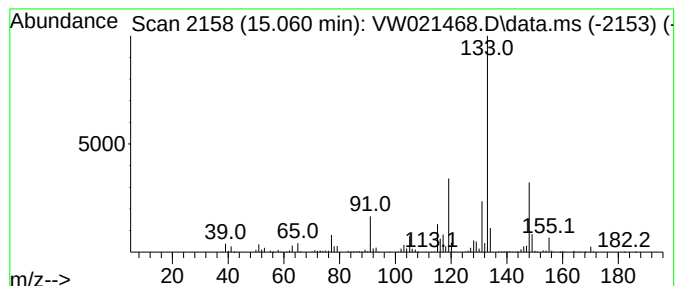
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Quant Title : SFAM01.0

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

Peak Number 57 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	3.50 ug/L	531537	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	72
2			Benzene, pentamethyl-	148	C11H16	000700-12-9	70
3			4-tert-Butyltoluene	148	C11H16	000098-51-1	64
4			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	64
5			3,4-Dimethylcumene	148	C11H16	1000370-34-1	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL89

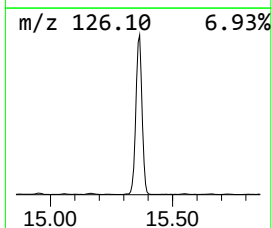
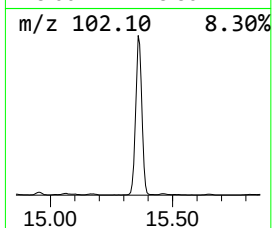
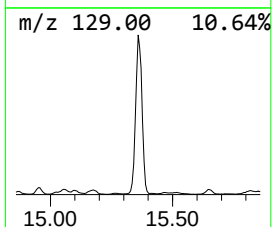
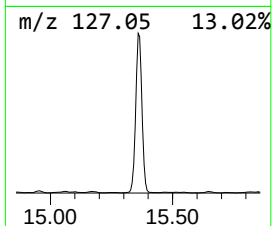
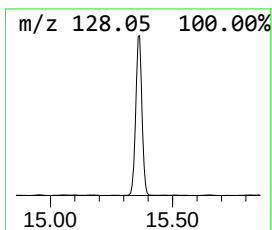
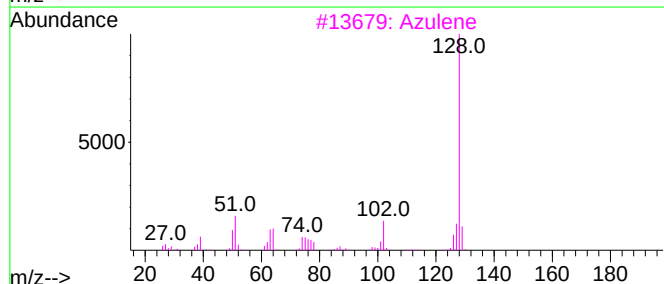
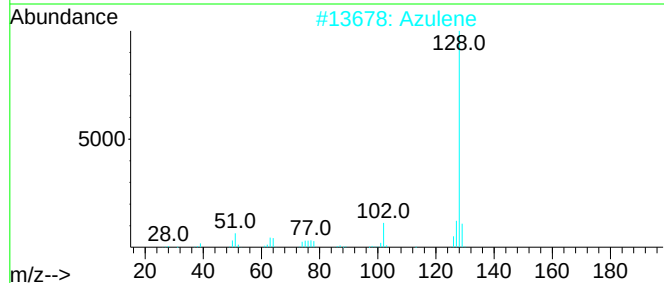
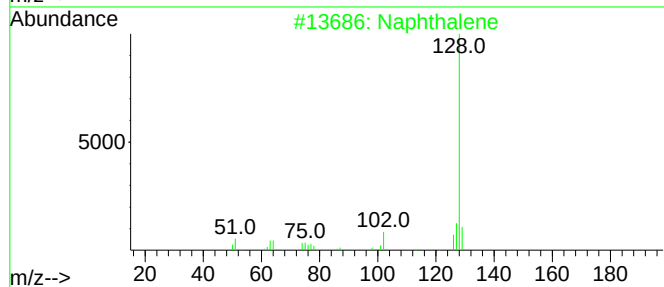
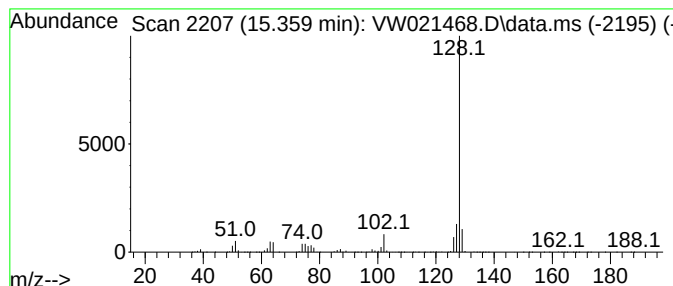
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Quant Title : SFAM01.0

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

Peak Number 58 Azulene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.359	38.03 ug/L	5782030	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Azulene	128	C10H8	000275-51-4	94
3			Azulene	128	C10H8	000275-51-4	91
4			Naphthalene	128	C10H8	000091-20-3	91
5			Azulene	128	C10H8	000275-51-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL89

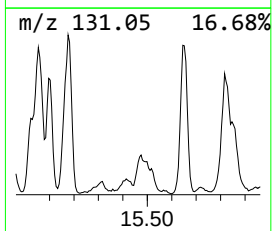
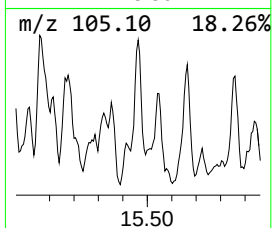
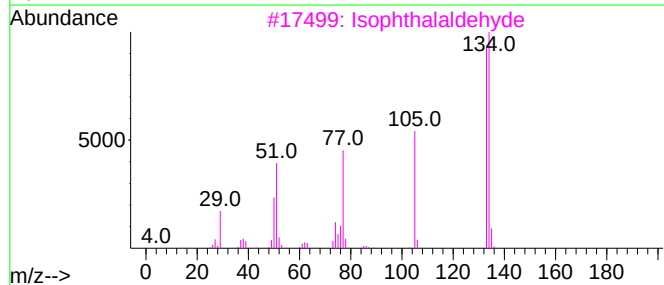
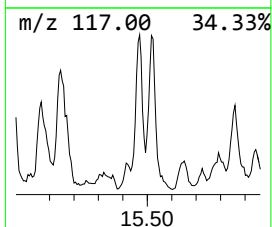
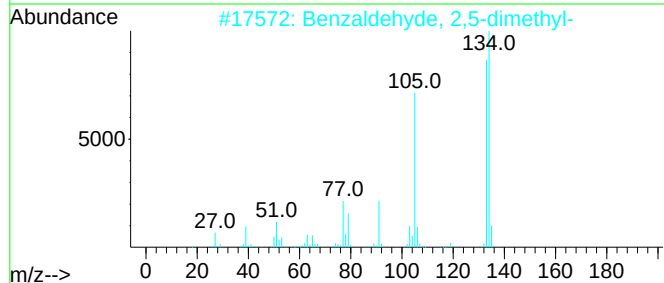
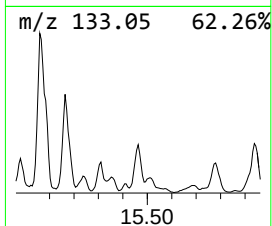
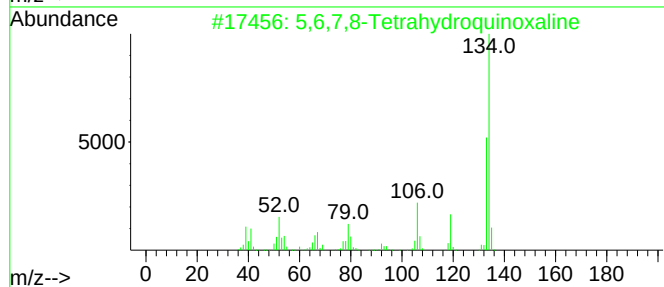
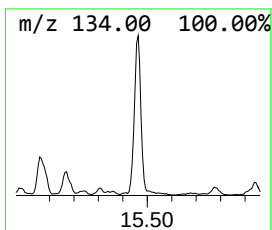
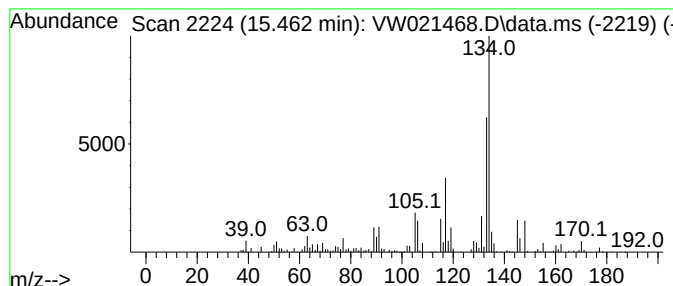
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Quant Title : SFAM01.0

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

Peak Number 59 5,6,7,8-Tetrahydroquinoxaline Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.462	1.57 ug/L	239292	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5,6,7,8-Tetrahydroquinoxaline	134	C8H10N2	034413-35-9	59
2			Benzaldehyde, 2,5-dimethyl-	134	C9H10O	005779-94-2	53
3			Isophthalaldehyde	134	C8H6O2	000626-19-7	52
4			Benzofuran, 2,3-dihydro-2-methyl-	134	C9H10O	001746-11-8	46
5			Benzo[c]thiophene	134	C8H6S	000270-82-6	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021468.D
Acq On : 18 Dec 2021 11:53
Operator : SY/VA
Sample : M5154-09
Misc : 7.06g/10.0mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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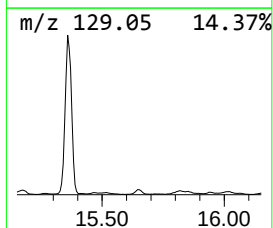
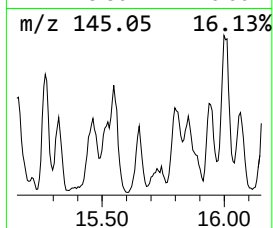
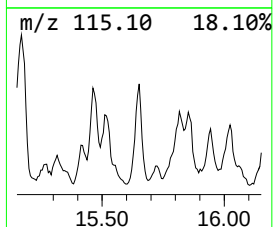
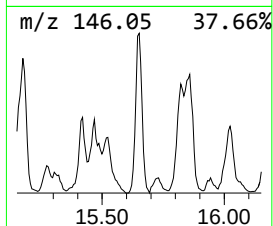
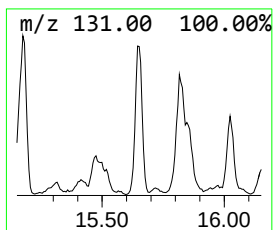
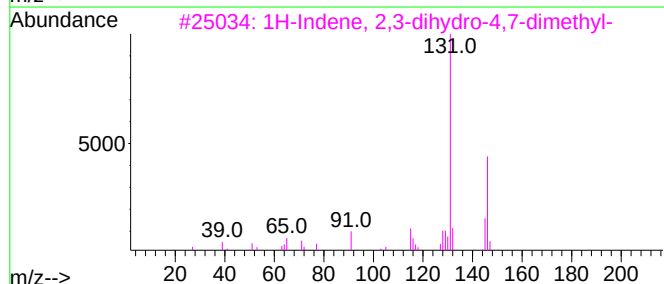
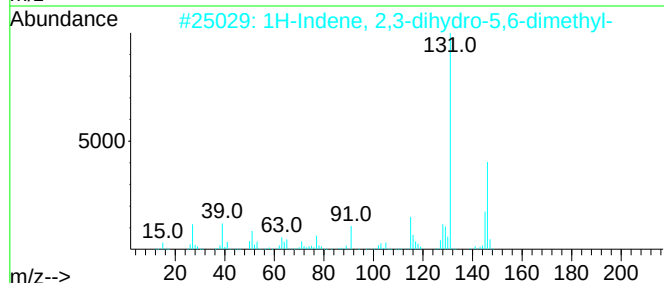
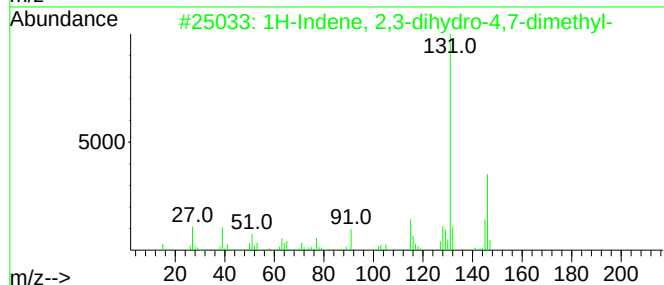
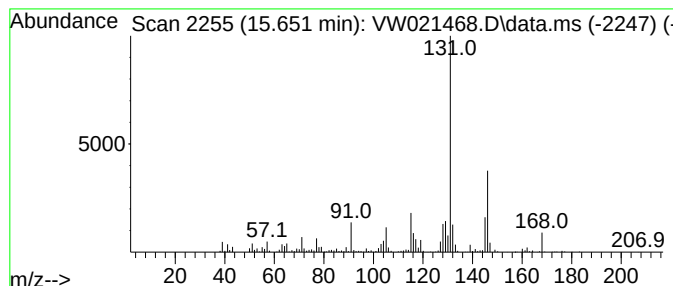
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Quant Title : SFAM01.0

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

Peak Number 60 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	2.15 ug/L	327595	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
2			1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	95
3			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
4			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	93
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
 Data File : VW021468.D
 Acq On : 18 Dec 2021 11:53
 Operator : SY/VA
 Sample : M5154-09
 Misc : 7.06g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL89

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0

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

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	4.964	38.8	ug/L	330893	1	8.848	213061	25.0
(DEL) Alkane: S...	5.440	25.8	ug/L	219699	1	8.848	213061	25.0
(DEL) Alkane: S...	5.940	32.5	ug/L	276670	1	8.848	213061	25.0
(DEL) Alkane: C...	6.982	12.9	ug/L	109555	1	8.848	213061	25.0
(DEL) Alkane: S...	8.031	8.7	ug/L	74265	1	8.848	213061	25.0
(DEL) Alkane: S...	8.159	21.5	ug/L	183180	1	8.848	213061	25.0
(DEL) Alkane: S...	8.506	7.1	ug/L	60472	1	8.848	213061	25.0
(DEL) Alkane: S...	8.695	18.7	ug/L	159583	1	8.848	213061	25.0
(DEL) Alkane: S...	9.073	10.1	ug/L	86004	1	8.848	213061	25.0
(DEL) Alkane: S...	9.957	10.9	ug/L	92537	1	8.848	213061	25.0
(DEL) Alkane: S...	10.098	16.7	ug/L	142112	1	8.848	213061	25.0
(DEL) Alkane: S...	10.500	12.0	ug/L	104535	2	11.634	218316	25.0
(DEL) Alkane: C...	10.665	8.7	ug/L	76236	2	11.634	218316	25.0
(DEL) Alkane: C...	10.762	10.9	ug/L	95334	2	11.634	218316	25.0
(DEL) Alkane: S...	10.847	5.8	ug/L	50972	2	11.634	218316	25.0
(DEL) Alkane: S...	11.030	7.0	ug/L	61218	2	11.634	218316	25.0
(DEL) Alkane: C...	11.110	8.9	ug/L	77866	2	11.634	218316	25.0
(DEL) Alkane: C...	11.183	20.4	ug/L	178584	2	11.634	218316	25.0
(DEL) Alkane: C...	11.232	15.2	ug/L	132508	2	11.634	218316	25.0
(DEL) Alkane: C...	11.280	11.5	ug/L	100397	2	11.634	218316	25.0
(DEL) Alkane: S...	11.341	14.2	ug/L	124086	2	11.634	218316	25.0
(DEL) Alkane: S...	11.408	64.9	ug/L	566700	2	11.634	218316	25.0
(DEL) Alkane: S...	11.512	25.1	ug/L	219150	2	11.634	218316	25.0
(DEL) Alkane: C...	11.920	15.5	ug/L	135486	2	11.634	218316	25.0
(DEL) Alkane: S...	12.055	13.9	ug/L	121299	2	11.634	218316	25.0
(DEL) Alkane: S...	12.250	26.9	ug/L	234441	2	11.634	218316	25.0
(DEL) Alkane: C...	12.305	13.5	ug/L	118190	2	11.634	218316	25.0
Cyclopropane, (...)	12.341	23.9	ug/L	209189	2	11.634	218316	25.0
unknown-01	12.384	24.7	ug/L	215319	2	11.634	218316	25.0
(DEL) Alkane: S...	12.536	9.4	ug/L	81898	2	11.634	218316	25.0
unknown-02	12.567	28.8	ug/L	251131	2	11.634	218316	25.0
Benzene, propyl-	12.804	13.3	ug/L	2018660	3	13.554	3800630	25.0
Benzene, 1-ethy...	12.865	26.2	ug/L	3982700	3	13.554	3800630	25.0
Benzene, 1-ethy...	13.103	22.1	ug/L	3354950	3	13.554	3800630	25.0
(DEL) Alkane: S...	13.164	1.8	ug/L	275691	3	13.554	3800630	25.0
p-Cymene	13.438	5.8	ug/L	875114	3	13.554	3800630	25.0
Benzene, 1,4-di...	13.719	3.0	ug/L	450756	3	13.554	3800630	25.0
Indane	13.755	34.1	ug/L	5180040	3	13.554	3800630	25.0
unknown-03	13.944	5.6	ug/L	857865	3	13.554	3800630	25.0
Benzene, 1-ethy...	14.005	6.2	ug/L	948054	3	13.554	3800630	25.0
Benzene, 2-ethy...	14.036	4.7	ug/L	716277	3	13.554	3800630	25.0
Benzene, 4-ethy...	14.091	8.1	ug/L	1233940	3	13.554	3800630	25.0
Benzene, 2-bute...	14.201	6.6	ug/L	1009850	3	13.554	3800630	25.0
Adamantane	14.261	1.9	ug/L	286850	3	13.554	3800630	25.0
o-Cymene	14.335	4.3	ug/L	646056	3	13.554	3800630	25.0
Benzene, 1,2,3,...	14.414	4.9	ug/L	743441	3	13.554	3800630	25.0
Benzene, 1-ethy...	14.457	7.3	ug/L	1114070	3	13.554	3800630	25.0
3,4-Dimethylcumene	14.493	4.7	ug/L	719569	3	13.554	3800630	25.0
Benzene, 1-meth...	14.536	2.4	ug/L	360862	3	13.554	3800630	25.0
1H-Indene, 2,3-...	14.682	3.5	ug/L	528262	3	13.554	3800630	25.0
(DEL) Alkane: S...	14.719	3.5	ug/L	524601	3	13.554	3800630	25.0
1,3-Cyclopentad...	14.792	13.0	ug/L	1975770	3	13.554	3800630	25.0

Naphthalene, 1,...	14.950	1.9	ug/L	283650	3	13.554	3800630	25.0
Benzene, 1-ethy...	15.060	3.5	ug/L	531537	3	13.554	3800630	25.0
Azulene	15.359	38.0	ug/L	5782030	3	13.554	3800630	25.0
5,6,7,8-Tetrahy...	15.462	1.6	ug/L	239292	3	13.554	3800630	25.0
1H-Indene, 2,3-...	15.651	2.1	ug/L	327595	3	13.554	3800630	25.0

Instrument :

MSVOA_W

ClientSampleId :

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