

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
 Data File : VW025540.D
 Acq On : 31 Mar 2023 18:13
 Operator : SY/MD
 Sample : 02151-08
 Misc : 5.55g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C11B1

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\SFAMWLM030623SMA.M
 Title : SFAM01.0

Signal : TIC: VW025540.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.363	73	78	91	rVB	73185	184987	7.41%	1.336%
2	2.899	159	166	179	rVB	82711	220726	8.84%	1.594%
3	3.362	239	242	243	rBV3	2229	2554	0.10%	0.018%
4	3.387	244	246	252	rVV7	4455	8447	0.34%	0.061%
5	3.466	257	259	261	rVV3	2318	2256	0.09%	0.016%
6	3.484	261	262	265	rVV3	2374	2250	0.09%	0.016%
7	3.521	265	268	269	rVV3	2251	2375	0.10%	0.017%
8	3.539	269	271	272	rVV2	3721	2596	0.10%	0.019%
9	3.582	275	278	279	rBV3	1792	2255	0.09%	0.016%
10	3.600	279	281	283	rVB3	2622	2295	0.09%	0.017%
11	3.631	283	286	288	rBV4	1708	1870	0.07%	0.014%
12	3.856	320	323	324	rBV3	2766	2636	0.11%	0.019%
13	3.893	327	329	333	rVB5	1955	1795	0.07%	0.013%
14	4.021	339	350	361	rBV	180874	606651	24.30%	4.381%
15	4.118	362	366	376	rVB2	42955	108022	4.33%	0.780%
16	4.387	405	410	416	rBV5	5390	11036	0.44%	0.080%
17	4.454	419	421	424	rVB4	2255	1913	0.08%	0.014%
18	4.551	433	437	438	rBV4	1617	2112	0.08%	0.015%
19	4.631	448	450	454	rBV5	1781	2334	0.09%	0.017%
20	4.856	483	487	488	rBV3	2090	2040	0.08%	0.015%
21	4.917	488	497	511	rBV3	26761	93347	3.74%	0.674%
22	5.149	533	535	538	rVB4	2262	2220	0.09%	0.016%
23	5.185	538	541	543	rBV3	2095	2239	0.09%	0.016%
24	5.307	556	561	564	rBV7	1883	3465	0.14%	0.025%
25	5.411	575	578	580	rBV4	1940	2512	0.10%	0.018%
26	5.460	584	586	588	rVB2	2978	2463	0.10%	0.018%
27	5.490	588	591	595	rVB6	1964	2759	0.11%	0.020%
28	5.789	631	640	648	rBV5	7838	25534	1.02%	0.184%
29	5.929	657	663	665	rBV6	7677	12476	0.50%	0.090%
30	6.185	703	705	708	rBV4	2052	2117	0.08%	0.015%
31	6.344	725	731	732	rVB6	1405	2571	0.10%	0.019%
32	6.362	732	734	740	rVB6	1443	2220	0.09%	0.016%
33	6.667	783	784	789	rBV4	1039	1908	0.08%	0.014%
34	6.789	802	804	806	rBV3	1925	1863	0.07%	0.013%
35	7.014	837	841	843	rBV5	2693	4226	0.17%	0.031%
36	7.075	843	851	861	rBV	96904	277121	11.10%	2.001%

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 Title : SFAM01.0

37	7.648	934	945	959	rBV	464815	1132185	45.35%	8.177%
38	7.849	977	978	981	rVV3	2087	2272	0.09%	0.016%
39	7.904	985	987	990	rBV4	1797	2142	0.09%	0.015%
40	7.953	990	995	1000	rVV9	2458	5929	0.24%	0.043%
41	8.038	1003	1009	1012	rBV7	1782	3852	0.15%	0.028%
42	8.081	1014	1016	1019	rBV4	1764	1873	0.08%	0.014%
43	8.276	1036	1048	1065	rBV2	886710	2496755	100.00%	18.032%
44	8.551	1089	1093	1094	rBV4	2097	2611	0.10%	0.019%
45	8.691	1111	1116	1117	rBV5	2980	4486	0.18%	0.032%
46	8.843	1132	1141	1151	rVV	738641	1443710	57.82%	10.427%
47	9.093	1175	1182	1190	rVB10	10941	26899	1.08%	0.194%
48	9.270	1202	1211	1228	rBV	688428	1425677	57.10%	10.297%
49	9.678	1275	1278	1284	rVB8	3052	7251	0.29%	0.052%
50	9.752	1284	1290	1293	rBV9	3303	6461	0.26%	0.047%
51	9.813	1296	1300	1305	rBV8	2063	3675	0.15%	0.027%
52	9.898	1305	1314	1317	rBV7	6011	12337	0.49%	0.089%
53	9.934	1319	1320	1325	rVB4	1943	2322	0.09%	0.017%
54	10.032	1329	1336	1344	rBV	179276	334295	13.39%	2.414%
55	10.251	1367	1372	1375	rBV7	3500	4856	0.19%	0.035%
56	10.325	1376	1384	1391	rBV	902883	1615920	64.72%	11.671%
57	10.495	1405	1412	1420	rBV	3479	9118	0.37%	0.066%
58	10.575	1420	1425	1434	rBV	77031	138277	5.54%	0.999%
59	10.703	1442	1446	1451	rVB3	12116	17102	0.68%	0.124%
60	10.849	1465	1470	1475	rVV9	2632	5680	0.23%	0.041%
61	10.922	1475	1482	1496	rBV	268993	479387	19.20%	3.462%
62	11.074	1503	1507	1513	rVV9	4505	8425	0.34%	0.061%
63	11.501	1574	1577	1580	rBV5	2545	3281	0.13%	0.024%
64	11.556	1583	1586	1588	rBV4	1501	2088	0.08%	0.015%
65	11.629	1588	1598	1607	rBV	629862	1033841	41.41%	7.467%
66	11.965	1651	1653	1656	rVB4	1817	2339	0.09%	0.017%
67	12.032	1663	1664	1669	rVB5	1919	2009	0.08%	0.015%
68	12.099	1673	1675	1677	rBV3	1789	2132	0.09%	0.015%
69	12.166	1683	1686	1694	rVV9	3720	8010	0.32%	0.058%
70	12.336	1708	1714	1719	rBV9	4069	9586	0.38%	0.069%
71	12.434	1726	1730	1731	rBV5	1885	2500	0.10%	0.018%
72	12.458	1731	1734	1742	rVB9	4530	7716	0.31%	0.056%
73	12.599	1753	1757	1765	rVB2	20905	37580	1.51%	0.271%
74	12.690	1765	1772	1779	rBV	446492	754100	30.20%	5.446%
75	12.812	1790	1792	1796	rBV5	2028	2019	0.08%	0.015%
76	12.891	1801	1805	1809	rVV7	4098	8289	0.33%	0.060%

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 Title : SFAM01.0

77	12.934	1809	1812	1818	rVB8	4920	9292	0.37%	0.067%
78	13.074	1832	1835	1838	rBV5	2491	2743	0.11%	0.020%
79	13.117	1838	1842	1846	rVB5	10921	16810	0.67%	0.121%
80	13.287	1868	1870	1873	rVB4	2526	2373	0.10%	0.017%
81	13.367	1878	1883	1884	rBV5	2184	2909	0.12%	0.021%
82	13.403	1884	1889	1893	rBV8	5508	10036	0.40%	0.072%
83	13.458	1894	1898	1904	rBV9	4589	9029	0.36%	0.065%
84	13.556	1908	1914	1921	rBV	195708	316635	12.68%	2.287%
85	13.641	1924	1928	1936	rVB	14085	24653	0.99%	0.178%
86	13.763	1945	1948	1952	rVB6	3100	3584	0.14%	0.026%
87	13.848	1953	1962	1973	rVB	348945	581941	23.31%	4.203%
88	14.001	1983	1987	1990	rBV6	3200	4547	0.18%	0.033%
89	14.062	1992	1997	2003	rVB2	23996	40565	1.62%	0.293%
90	14.318	2036	2039	2044	rVB7	10629	18074	0.72%	0.131%
91	14.415	2049	2055	2061	rVV2	23420	41268	1.65%	0.298%
92	14.806	2117	2119	2122	rBV4	1773	2425	0.10%	0.018%
93	14.885	2130	2132	2134	rBV3	2213	2336	0.09%	0.017%
94	14.952	2139	2143	2144	rBV4	2189	2482	0.10%	0.018%
95	15.366	2208	2211	2212	rBV3	1785	2163	0.09%	0.016%
96	15.427	2216	2221	2226	rVV	24237	44776	1.79%	0.323%
97	15.476	2226	2229	2235	rVB	9653	17732	0.71%	0.128%
98	15.610	2246	2251	2255	rBV8	2711	5307	0.21%	0.038%
99	16.421	2382	2384	2388	rBV5	2469	3068	0.12%	0.022%
100	16.616	2412	2416	2418	rBV5	1593	2219	0.09%	0.016%

Sum of corrected areas: 13846145

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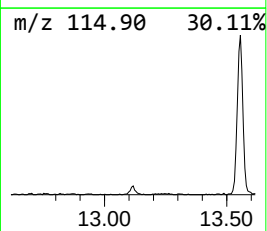
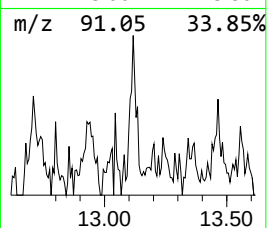
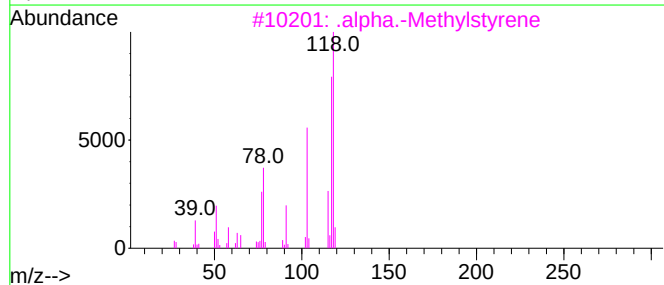
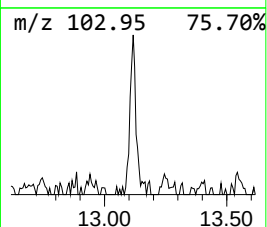
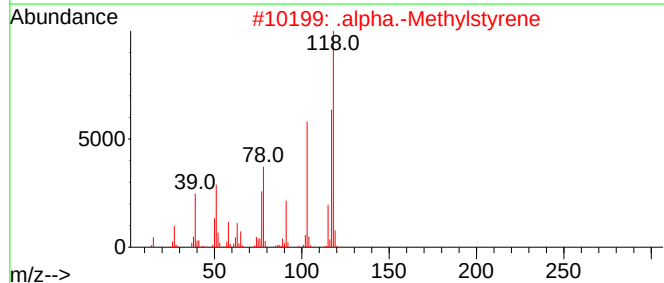
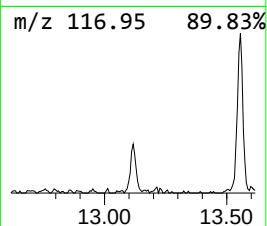
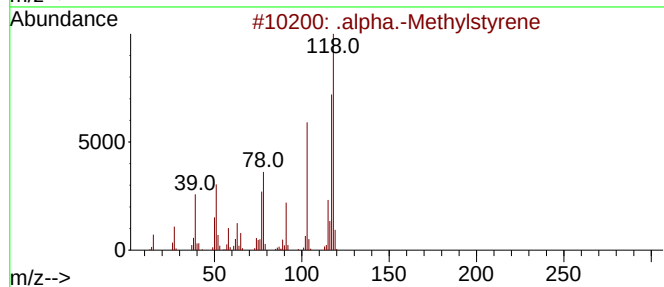
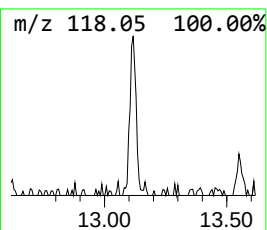
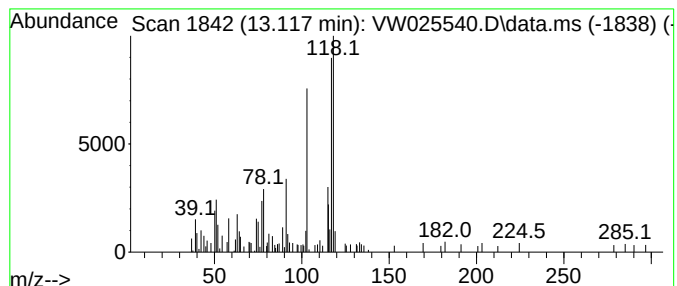
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 .alpha.-Methylstyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.117	1.33 ug/L	16810	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.	.alpha.-Methylstyrene	118	C9H10	000098-83-9	74	
2	.	.alpha.-Methylstyrene	118	C9H10	000098-83-9	74	
3	.	.alpha.-Methylstyrene	118	C9H10	000098-83-9	74	
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	53		
5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	53		



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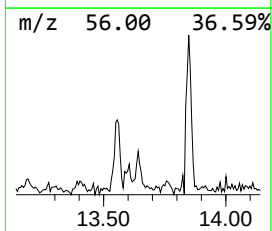
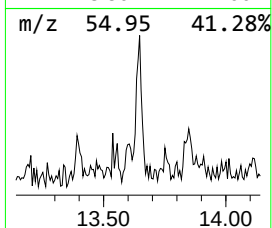
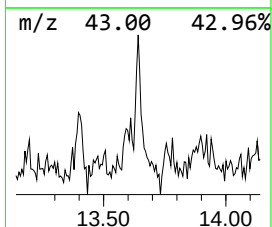
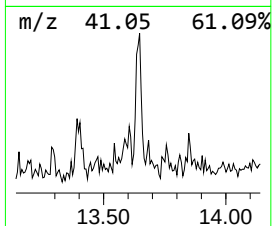
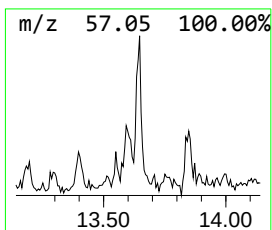
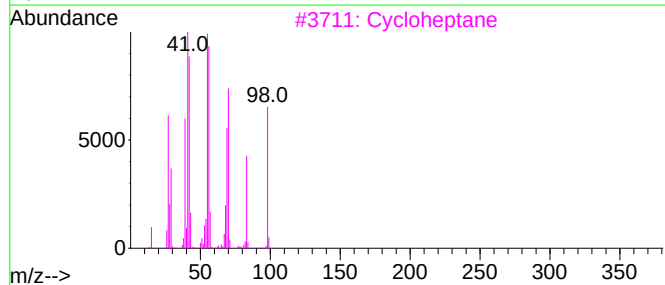
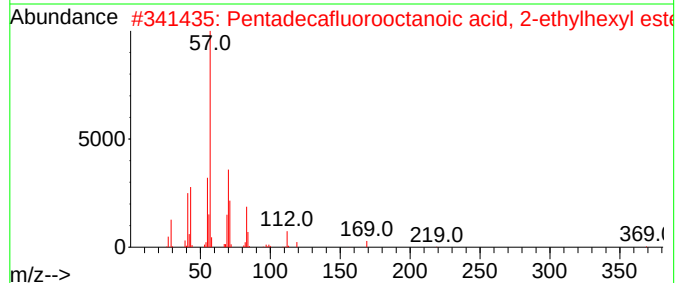
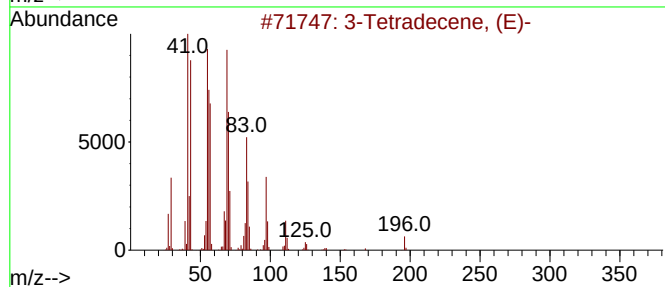
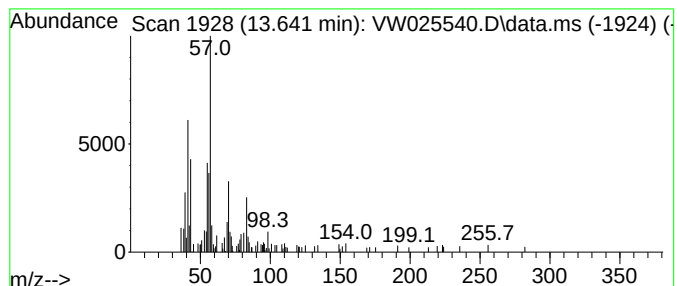
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.641	1.95 ug/L	24653	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Tetradecene, (E)-	196	C14H28	041446-68-8	50
2		Pentadecafluorooctanoic acid, 2-...	526	C16H17F15O2	1000406-80-9	50
3		Cycloheptane	98	C7H14	000291-64-5	47
4		2-Heptenal, (E)-	112	C7H12O	018829-55-5	47
5		2-Heptenal, (Z)-	112	C7H12O	057266-86-1	47



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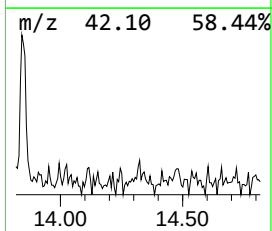
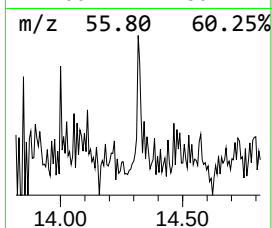
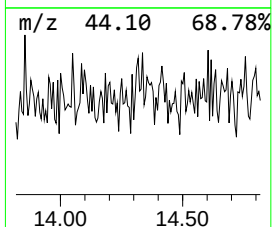
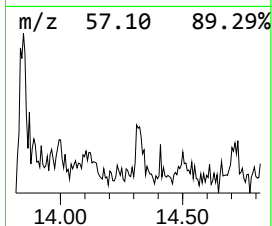
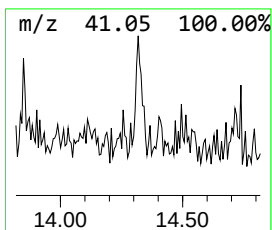
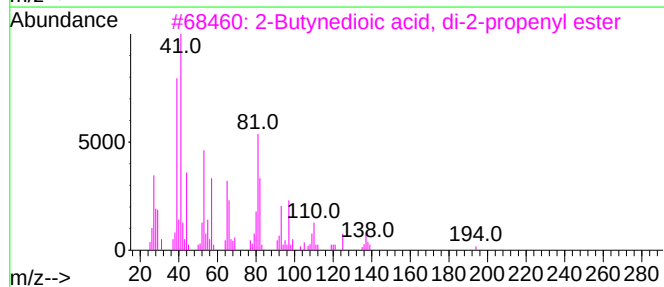
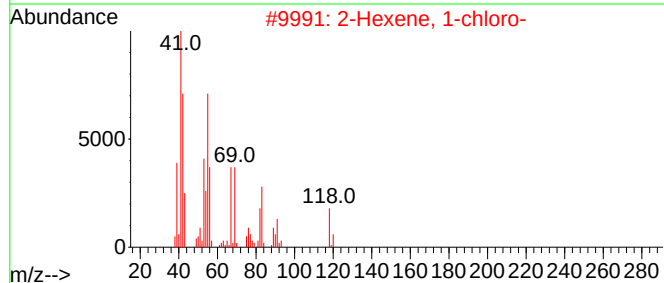
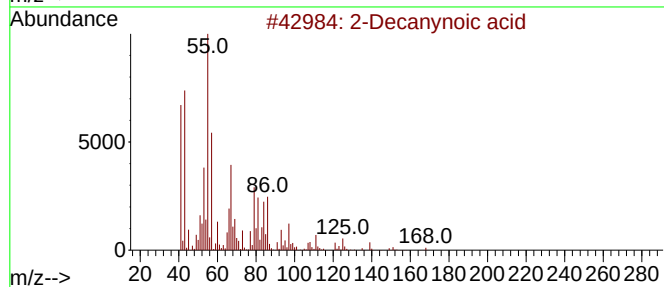
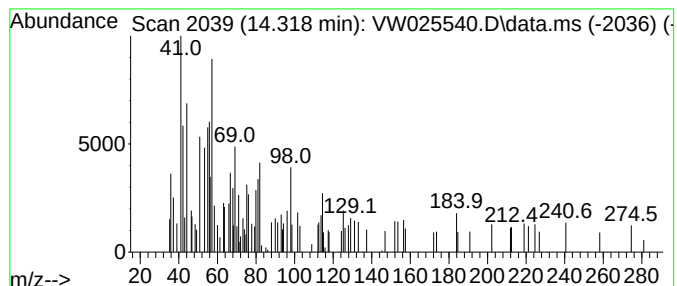
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

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

Peak Number 6 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.318	1.43 ug/L	18074	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decanoic acid			168	C10H16O2	001851-90-7	16
2	2-Hexene, 1-chloro-			118	C6H11Cl	035911-16-1	14
3	2-Butynedioic acid, di-2-propenyl...			194	C10H10O4	014447-07-5	12
4	1-(6-Purinyl)-2-pyrrolidinecarbo...			233	C10H11N5O2	091129-94-1	12
5	Carbonic acid, dibutyl ester			174	C9H18O3	000542-52-9	10



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ClientSampleId :
C11B1

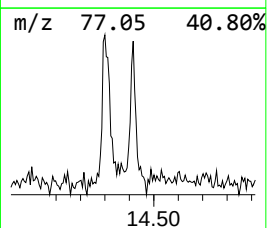
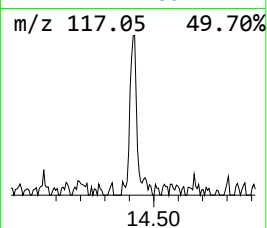
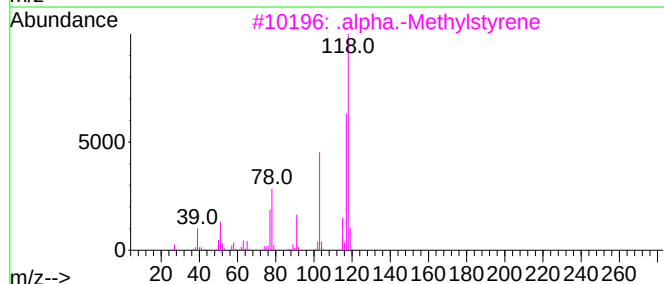
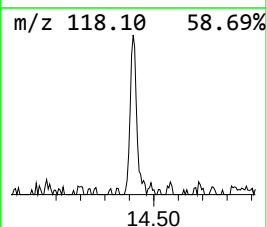
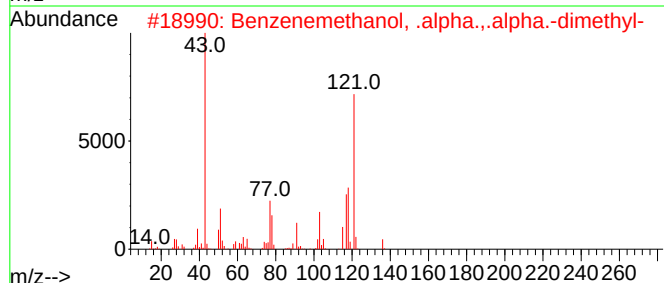
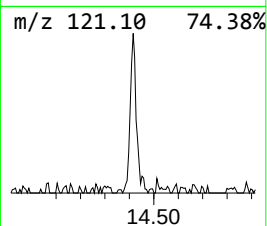
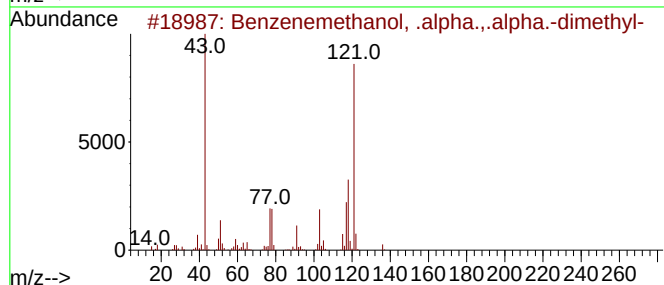
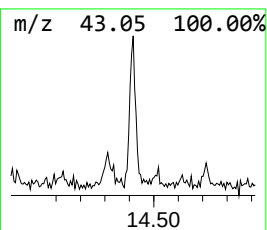
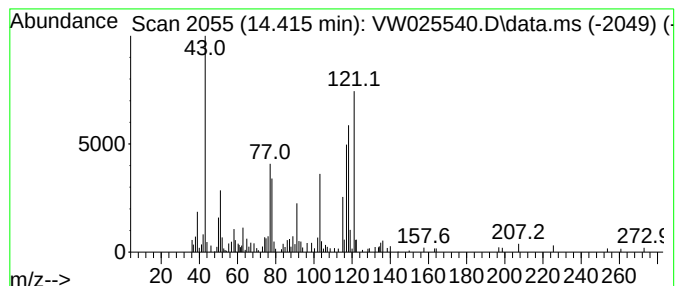
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Quant Title : SFAM01.0

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

Peak Number 7 Benzenemethanol, .alpha.,.a... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.415	3.26 ug/L	41268	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzenemethanol, .alpha.,.alpha....	136	C9H12O	000617-94-7	64
2			Benzenemethanol, .alpha.,.alpha....	136	C9H12O	000617-94-7	50
3			.alpha.-Methylstyrene	118	C9H10	000098-83-9	49
4			Benzenemethanol, .alpha.,.alpha....	136	C9H12O	000617-94-7	47
5			.alpha.-Methylstyrene	118	C9H10	000098-83-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
Data File : VW025540.D
Acq On : 31 Mar 2023 18:13
Operator : SY/MD
Sample : 02151-08
Misc : 5.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B1

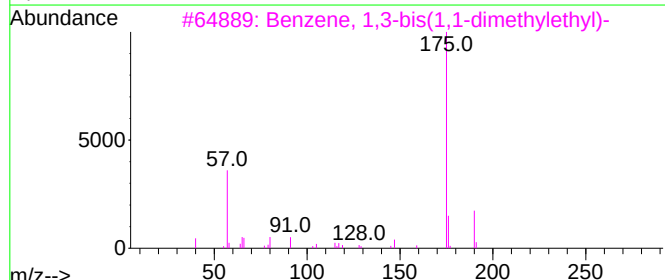
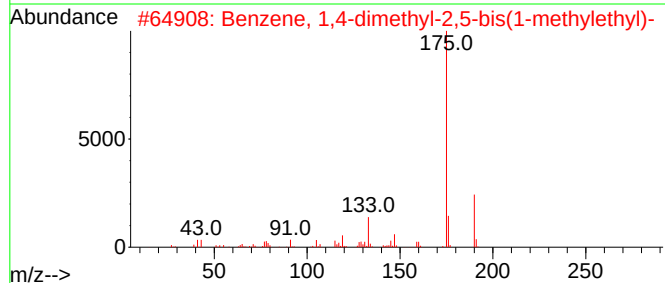
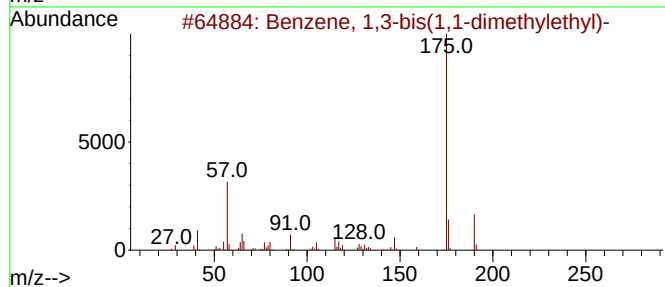
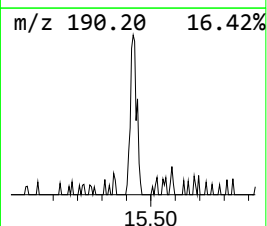
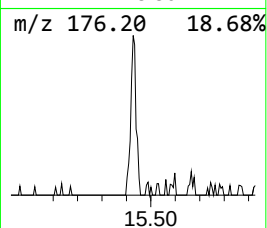
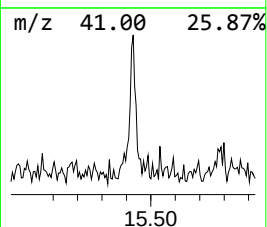
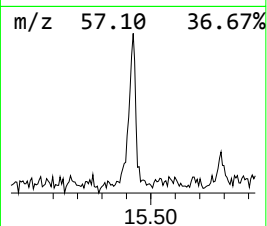
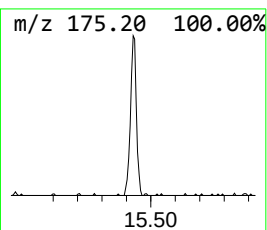
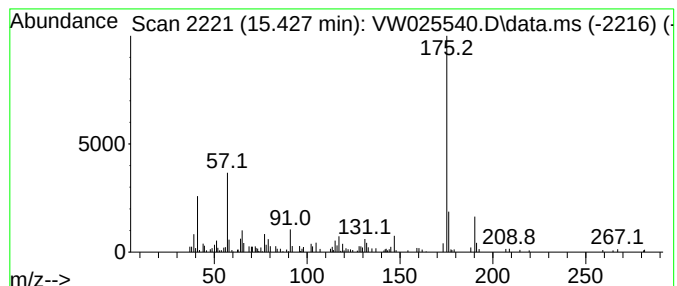
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Quant Title : SFAM01.0

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

Peak Number 8 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.427	3.54 ug/L	44776	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	91
2			Benzene, 1,4-dimethyl-2,5-bis(1-...	190	C14H22	010375-96-9	83
3			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	83
4			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	81
5			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
Data File : VW025540.D
Acq On : 31 Mar 2023 18:13
Operator : SY/MD
Sample : 02151-08
Misc : 5.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.alpha.-Methyls...	13.117	1.3	ug/L	16810	3	13.556	316635	25.0
(DEL) Alkane: S...	13.641	2.0	ug/L	24653	3	13.556	316635	25.0
unknown-01	14.318	1.4	ug/L	18074	3	13.556	316635	25.0
Benzenemethanol...	14.415	3.3	ug/L	41268	3	13.556	316635	25.0
Benzene, 1,3-bi...	15.427	3.5	ug/L	44776	3	13.556	316635	25.0