

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042723\
 Data File : VD075860.D
 Acq On : 27 Apr 2023 14:39
 Operator : KP/SY
 Sample : 02447-22
 Misc : 5.24G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EW940

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_D\Method\SFAMDLM042023SMA.M
 Title : SFAM01.0

Signal : TIC: VD075860.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.740	15	26	38	rBV	473039	942406	6.80%	3.187%
2	2.146	90	95	97	rBV3	2593	3514	0.03%	0.012%
3	2.275	111	117	127	rVB	240931	364338	2.63%	1.232%
4	2.570	165	167	168	rBV2	1428	710	0.01%	0.002%
5	2.593	168	171	174	rBV3	3109	4570	0.03%	0.015%
6	2.799	199	206	216	rBV	206600	380858	2.75%	1.288%
7	3.264	283	285	288	rBV	920	711	0.01%	0.002%
8	3.287	288	289	294	rVB	1185	1526	0.01%	0.005%
9	3.364	301	302	303	rBV	1044	581	0.00%	0.002%
10	3.799	374	376	378	rBV	796	635	0.00%	0.002%
11	3.852	382	385	386	rBV2	731	912	0.01%	0.003%
12	3.917	386	396	408	rBV	179565	477206	3.44%	1.614%
13	4.111	425	429	430	rBV3	1086	844	0.01%	0.003%
14	4.187	439	442	445	rVB2	567	723	0.01%	0.002%
15	4.269	450	456	462	rVV2	3598	8488	0.06%	0.029%
16	4.317	462	464	465	rVB2	980	597	0.00%	0.002%
17	4.687	525	527	528	rBV2	729	608	0.00%	0.002%
18	4.799	534	546	557	rBV3	25082	75243	0.54%	0.254%
19	4.893	560	562	565	rBV2	503	533	0.00%	0.002%
20	4.922	565	567	568	rBV	860	655	0.00%	0.002%
21	5.028	581	585	587	rBV2	654	1047	0.01%	0.004%
22	5.099	595	597	601	rVB3	703	901	0.01%	0.003%
23	5.140	603	604	607	rVB	601	515	0.00%	0.002%
24	5.669	692	694	697	rVB2	609	673	0.00%	0.002%
25	5.728	702	704	707	rBV2	811	664	0.00%	0.002%
26	6.052	755	759	761	rBV2	694	796	0.01%	0.003%
27	6.228	787	789	792	rVB2	592	641	0.00%	0.002%
28	6.593	848	851	853	rVB2	861	774	0.01%	0.003%
29	6.887	898	901	903	rBV	741	591	0.00%	0.002%
30	6.987	909	918	928	rBV2	32924	95168	0.69%	0.322%
31	7.440	994	995	997	rBV2	981	575	0.00%	0.002%
32	7.569	1006	1017	1031	rBV	278810	730657	5.27%	2.471%
33	7.775	1049	1052	1054	rBV2	856	846	0.01%	0.003%
34	7.793	1054	1055	1057	rVV2	971	628	0.00%	0.002%
35	8.016	1092	1093	1096	rVB	1081	544	0.00%	0.002%
36	8.093	1104	1106	1108	rBV2	653	638	0.00%	0.002%

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Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Title : SFAM01.0

37	8.205	1110	1125	1142	rBV3	506569	1509010	10.89%	5.104%
38	8.393	1155	1157	1159	rBV3	723	688	0.00%	0.002%
39	8.563	1181	1186	1187	rBV3	835	945	0.01%	0.003%
40	8.622	1190	1196	1197	rBV2	892	1587	0.01%	0.005%
41	8.775	1214	1222	1242	rVV	560194	1153046	8.32%	3.900%
42	8.910	1243	1245	1248	rVB2	1140	879	0.01%	0.003%
43	9.022	1258	1264	1271	rVB6	7403	16214	0.12%	0.055%
44	9.210	1286	1296	1305	rBV	356600	728362	5.26%	2.464%
45	9.616	1361	1365	1366	rBV2	1383	1486	0.01%	0.005%
46	9.669	1371	1374	1375	rBV2	892	1061	0.01%	0.004%
47	9.781	1391	1393	1395	rVV2	888	644	0.00%	0.002%
48	9.828	1399	1401	1402	rVV2	835	822	0.01%	0.003%
49	9.875	1406	1409	1412	rBV	893	978	0.01%	0.003%
50	9.981	1419	1427	1436	rBV	165852	307225	2.22%	1.039%
51	10.063	1438	1441	1449	rVB3	1505	3023	0.02%	0.010%
52	10.116	1449	1450	1452	rVB	857	544	0.00%	0.002%
53	10.146	1452	1455	1458	rBV2	796	1102	0.01%	0.004%
54	10.204	1462	1465	1468	rBV3	928	1391	0.01%	0.005%
55	10.269	1468	1476	1485	rBV	592422	1064352	7.68%	3.600%
56	10.440	1503	1505	1508	rBV3	827	685	0.00%	0.002%
57	10.528	1512	1520	1528	rBV	98865	178704	1.29%	0.604%
58	10.657	1538	1542	1548	rBV5	4092	7894	0.06%	0.027%
59	10.881	1573	1580	1591	rBV	132600	227484	1.64%	0.769%
60	11.022	1602	1604	1606	rVB	965	819	0.01%	0.003%
61	11.046	1606	1608	1609	rBV2	605	620	0.00%	0.002%
62	11.128	1620	1622	1623	rBV2	1026	858	0.01%	0.003%
63	11.304	1650	1652	1655	rVB	1247	863	0.01%	0.003%
64	11.346	1656	1659	1660	rBV2	827	836	0.01%	0.003%
65	11.581	1692	1699	1713	rBV	598173	1024503	7.39%	3.465%
66	11.687	1713	1717	1721	rVB2	1937	2007	0.01%	0.007%
67	11.746	1725	1727	1730	rBV2	898	882	0.01%	0.003%
68	11.781	1730	1733	1734	rBV2	1679	1814	0.01%	0.006%
69	11.928	1757	1758	1763	rVB	990	916	0.01%	0.003%
70	12.010	1769	1772	1774	rBV2	597	706	0.01%	0.002%
71	12.328	1817	1826	1831	rVB2	16135	30325	0.22%	0.103%
72	12.369	1831	1833	1835	rVB2	691	608	0.00%	0.002%
73	12.428	1835	1843	1855	rBV	8592666	13855605	100.00%	46.863%
74	12.581	1864	1869	1873	rBV3	7998	12342	0.09%	0.042%
75	12.651	1874	1881	1892	rBV2	281384	793149	5.72%	2.683%
76	12.828	1908	1911	1916	rBV	1651	2578	0.02%	0.009%

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 Title : SFAM01.0

77	12.934	1920	1929	1931	rBV	27275	46348	0.33%	0.157%
78	12.987	1931	1938	1948	rVB	1938323	3101158	22.38%	10.489%
79	13.163	1963	1968	1972	rVB3	11721	17225	0.12%	0.058%
80	13.240	1972	1981	1991	rBV	296219	474407	3.42%	1.605%
81	13.322	1993	1995	2001	rVB5	6840	10047	0.07%	0.034%
82	13.463	2005	2019	2024	rBV2	351289	753932	5.44%	2.550%
83	13.522	2024	2029	2037	rVB	348403	575641	4.15%	1.947%
84	13.616	2042	2045	2052	rVB4	4542	7291	0.05%	0.025%
85	13.675	2053	2055	2060	rVB4	3481	4087	0.03%	0.014%
86	13.716	2060	2062	2065	rBV3	2524	2778	0.02%	0.009%
87	13.816	2072	2079	2088	rBV	231591	386951	2.79%	1.309%
88	13.963	2100	2104	2111	rBV5	11476	17368	0.13%	0.059%
89	14.051	2114	2119	2124	rVB3	11732	19588	0.14%	0.066%
90	14.116	2126	2130	2136	rBV4	4852	7453	0.05%	0.025%
91	14.163	2136	2138	2139	rBV2	2718	2220	0.02%	0.008%
92	14.398	2173	2178	2186	rBV3	13370	26604	0.19%	0.090%
93	14.704	2228	2230	2235	rVB3	4479	6264	0.05%	0.021%
94	14.769	2235	2241	2249	rBV6	6709	13995	0.10%	0.047%
95	15.039	2280	2287	2291	rBV7	10923	23489	0.17%	0.079%
96	15.204	2313	2315	2317	rBV	1261	1352	0.01%	0.005%
97	15.334	2332	2337	2342	rBV3	8594	13937	0.10%	0.047%
98	15.410	2347	2350	2356	rVB4	5851	8490	0.06%	0.029%
99	15.475	2358	2361	2362	rBV3	5917	5328	0.04%	0.018%
100	16.516	2536	2538	2539	rVB	2698	1136	0.01%	0.004%

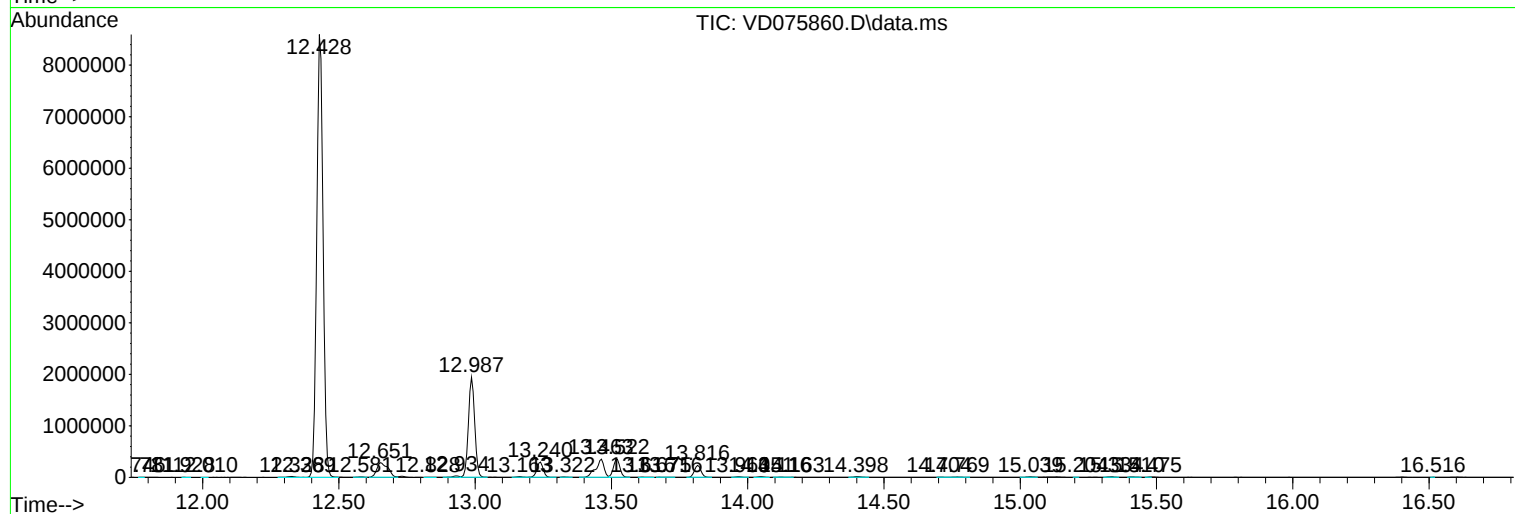
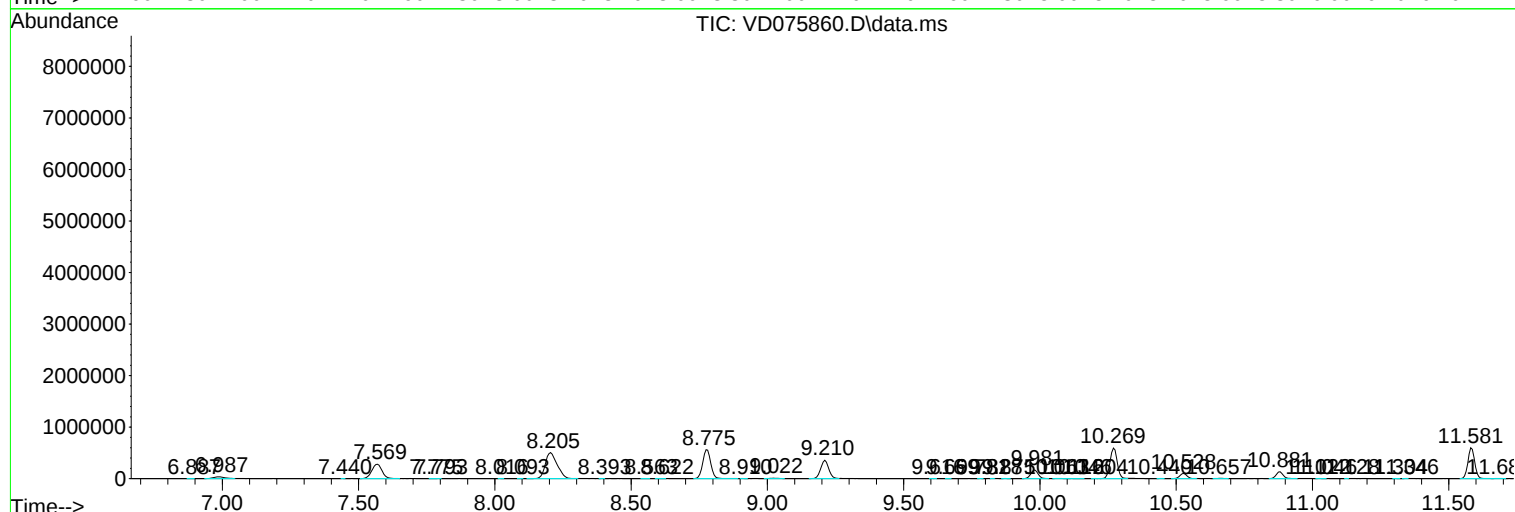
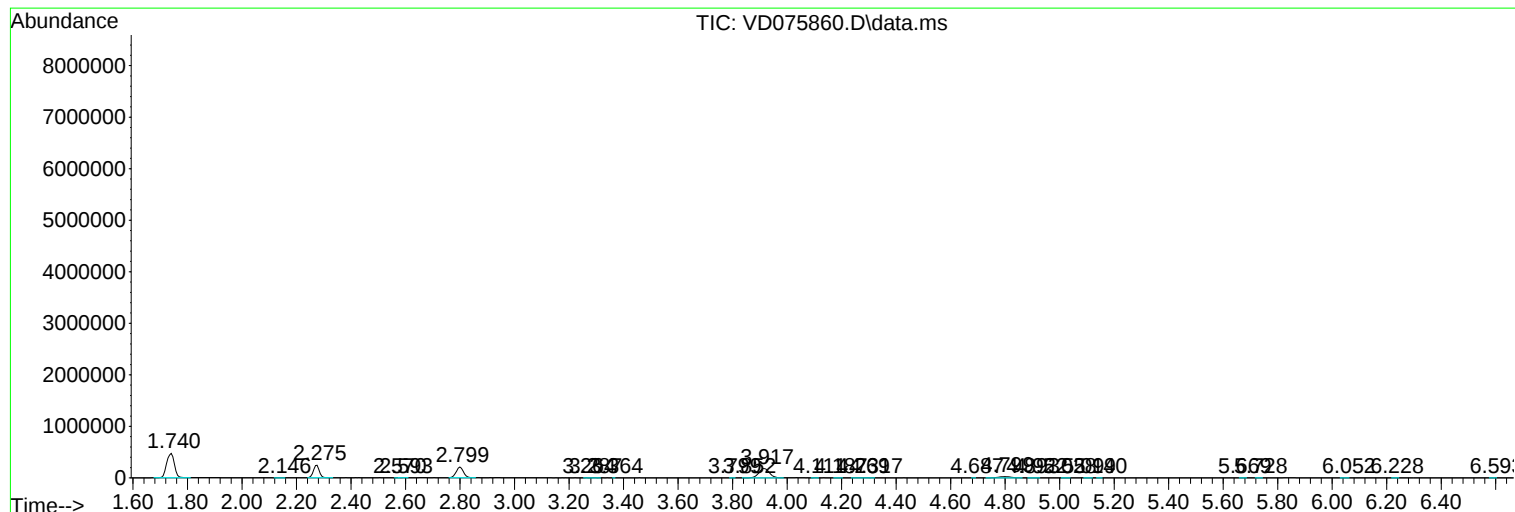
Sum of corrected areas: 29565962

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Instrument :
MSVOA_D
ClientSampleId :
EW940

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

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



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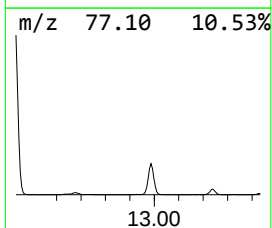
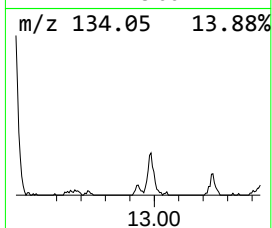
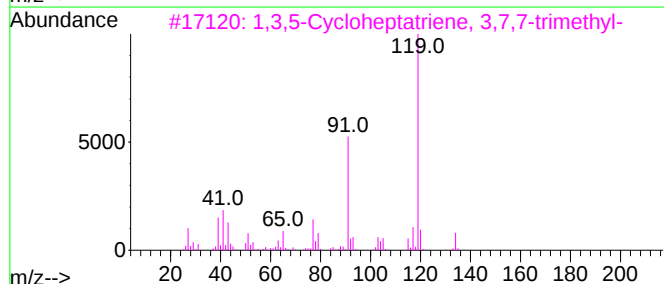
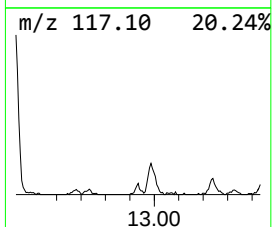
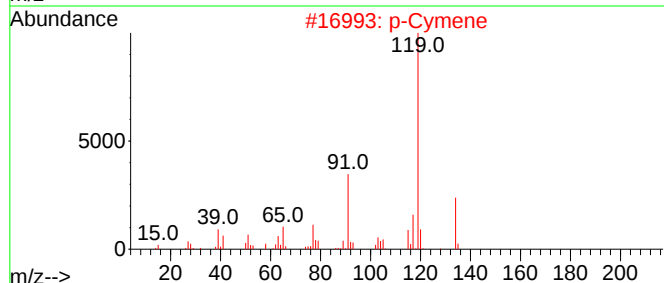
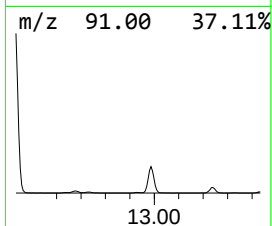
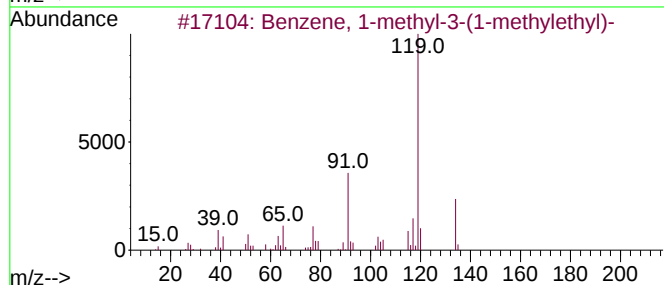
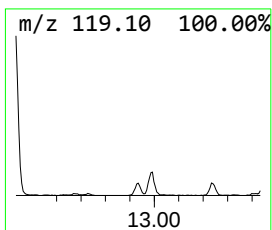
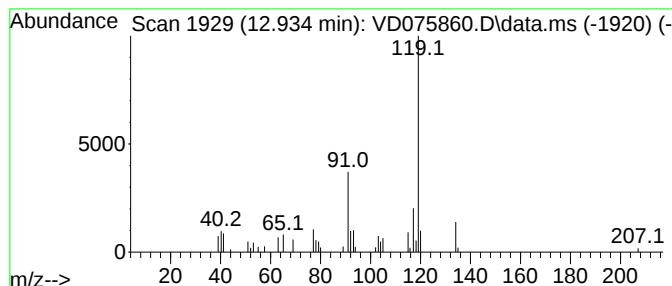
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Benzene, 1-methyl-3-(1-meth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.934	2.01 ug/L	46348	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
2			p-Cymene	134	C10H14	000099-87-6	87
3			1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	83
4			p-Cymene	134	C10H14	000099-87-6	81
5			1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	81



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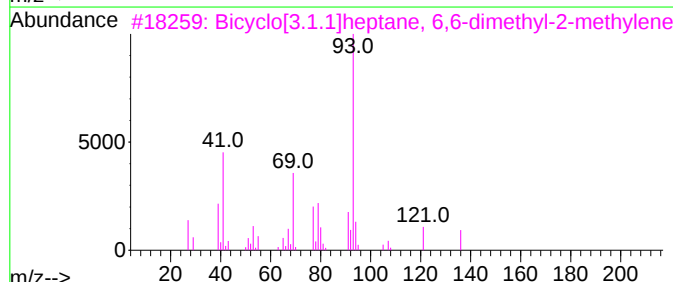
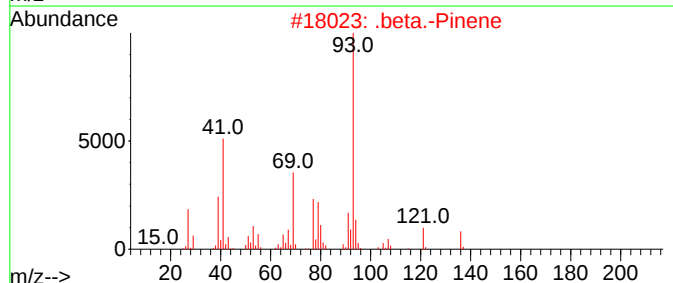
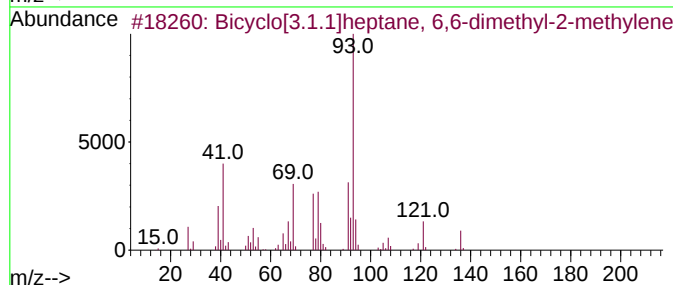
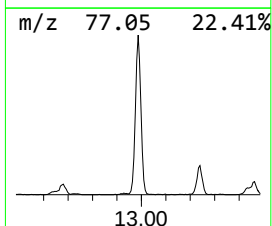
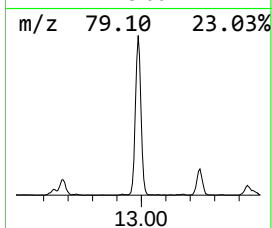
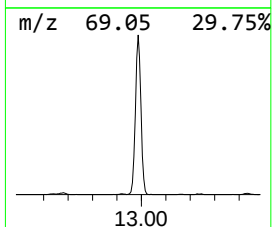
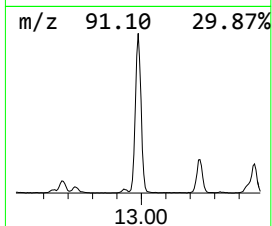
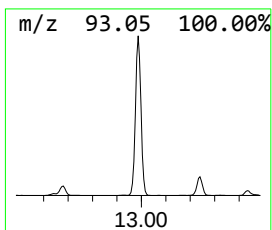
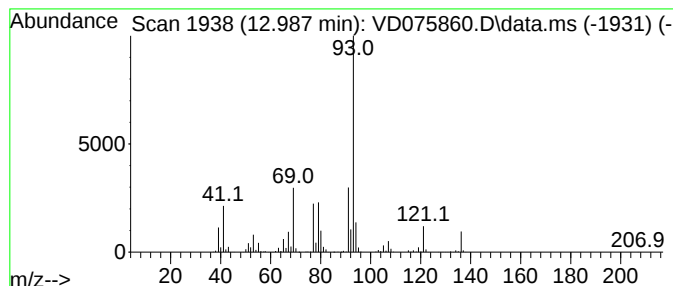
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.987	134.68 ug/L	3101160	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	96
2			.beta.-Pinene	136	C10H16	000127-91-3	95
3			Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	94
4			.beta.-Pinene	136	C10H16	000127-91-3	94
5			.beta.-Pinene	136	C10H16	000127-91-3	94



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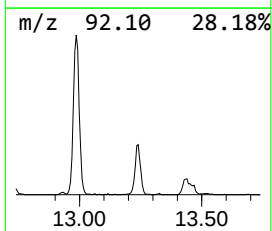
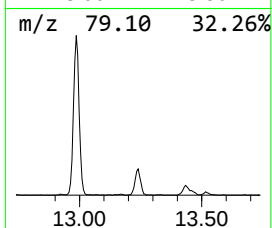
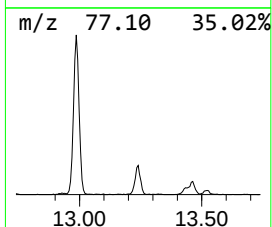
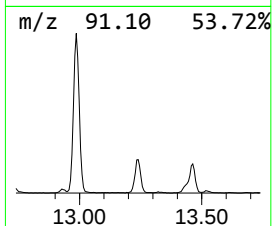
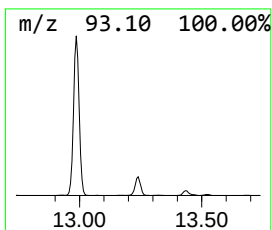
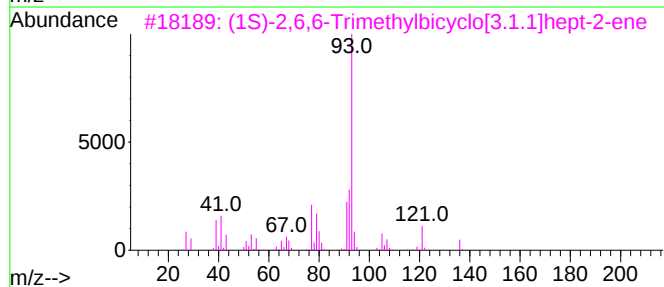
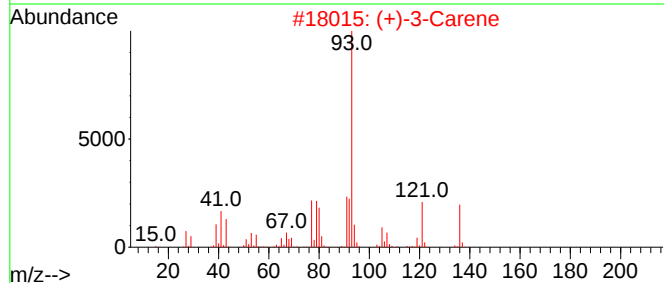
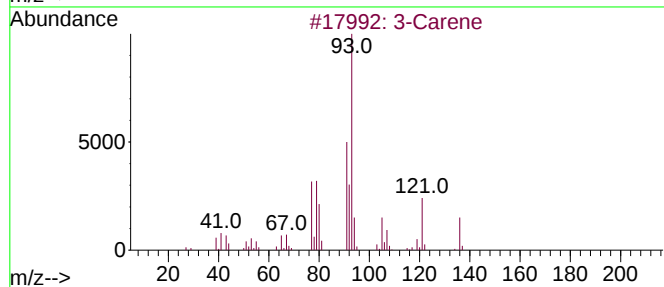
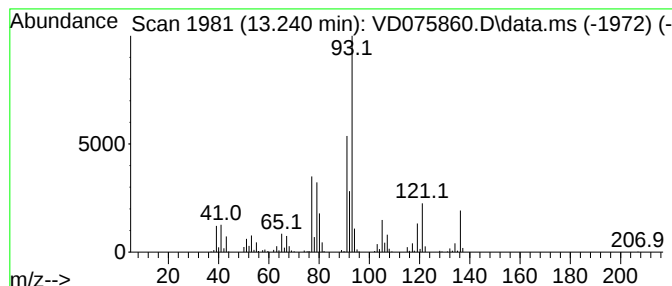
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 3-Carene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.240	20.60 ug/L	474407	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Carene	136	C10H16	013466-78-9	95
2			(+)-3-Carene	136	C10H16	000498-15-7	94
3			(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	93
4			(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	90
5			Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042723\
Data File : VD075860.D
Acq On : 27 Apr 2023 14:39
Operator : KP/SY
Sample : 02447-22
Misc : 5.24G/10.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EW940

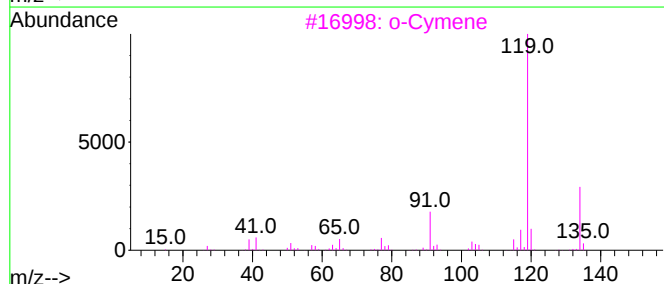
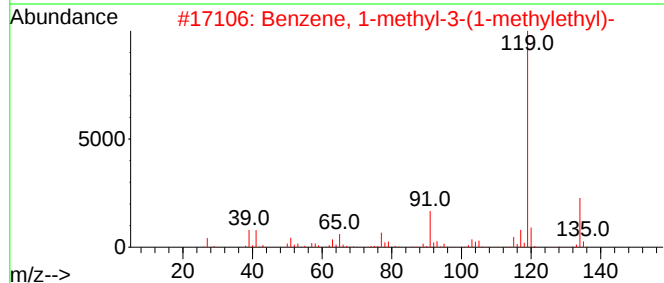
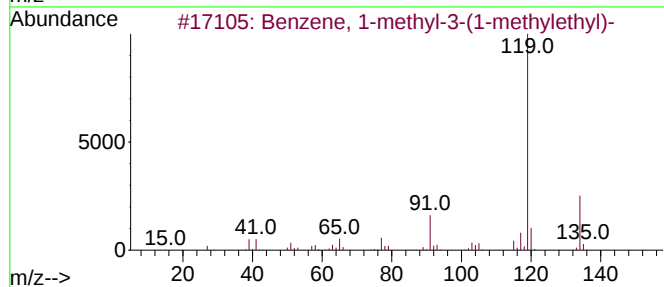
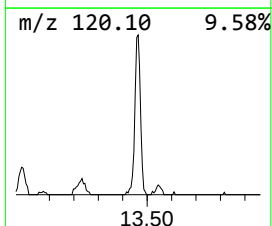
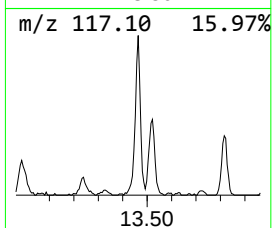
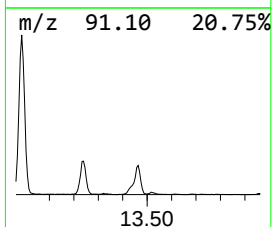
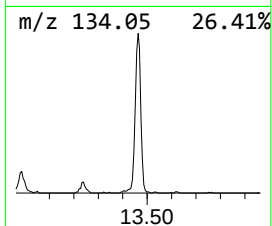
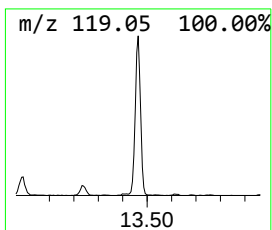
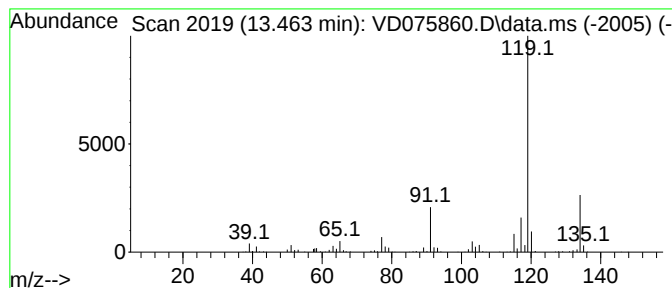
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Quant Title : SFAM01.0

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

Peak Number 6 o-Cymene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.463	32.74 ug/L	753932	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	97
2			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	95
3			o-Cymene	134	C10H14	000527-84-4	95
4			p-Cymene	134	C10H14	000099-87-6	95
5			o-Cymene	134	C10H14	000527-84-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042723\
Data File : VD075860.D
Acq On : 27 Apr 2023 14:39
Operator : KP/SY
Sample : 02447-22
Misc : 5.24G/10.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EW940

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.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
Benzene, 1-meth...	12.934	2.0	ug/L	46348	3	13.522	575641	25.0
Bicyclo[3.1.1]h...	12.987	134.7	ug/L	3101160	3	13.522	575641	25.0
3-Carene	13.240	20.6	ug/L	474407	3	13.522	575641	25.0
o-Cymene	13.463	32.7	ug/L	753932	3	13.522	575641	25.0