

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
 Data File : VW023688.D
 Acq On : 14 Jul 2022 09:12
 Operator : SY/VA
 Sample : N3698-07
 Misc : 5.84g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F5B72

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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

Signal : TIC: VW023688.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.349	69	73	80	rVB	93952	157802	19.24%	2.777%
2	3.885	324	325	326	rBV	1539	783	0.10%	0.014%
3	4.013	336	346	357	rBV3	58021	185720	22.64%	3.268%
4	4.312	391	395	396	rVB4	1120	1352	0.16%	0.024%
5	4.330	396	398	400	rBV3	1461	1394	0.17%	0.025%
6	4.391	400	408	409	rBV4	6890	14135	1.72%	0.249%
7	4.531	429	431	432	rBV2	1083	1018	0.12%	0.018%
8	4.605	441	443	444	rBV2	1375	1030	0.13%	0.018%
9	4.641	447	449	451	rVV3	1225	894	0.11%	0.016%
10	4.666	451	453	456	rVV4	948	945	0.12%	0.017%
11	4.922	482	495	503	rBV5	12619	47637	5.81%	0.838%
12	5.428	566	578	591	rVB3	12782	48201	5.88%	0.848%
13	5.623	608	610	613	rBV3	1176	1149	0.14%	0.020%
14	5.690	619	621	623	rBV3	1468	1387	0.17%	0.024%
15	5.897	653	655	657	rBV3	1714	2173	0.26%	0.038%
16	6.056	679	681	683	rVB3	1186	906	0.11%	0.016%
17	6.080	683	685	687	rBV2	986	940	0.11%	0.017%
18	6.117	687	691	692	rBV4	1115	1544	0.19%	0.027%
19	6.178	698	701	702	rBV3	1140	1031	0.13%	0.018%
20	6.293	717	720	721	rBV3	1083	1301	0.16%	0.023%
21	6.464	746	748	750	rVB3	1731	1354	0.17%	0.024%
22	6.488	750	752	754	rBV3	1359	1695	0.21%	0.030%
23	6.537	758	760	765	rBV6	1242	1960	0.24%	0.034%
24	6.671	780	782	783	rBV2	836	776	0.09%	0.014%
25	6.726	789	791	792	rBV2	1154	764	0.09%	0.013%
26	6.744	792	794	797	rVB3	1901	2020	0.25%	0.036%
27	6.775	797	799	801	rBV3	1107	945	0.12%	0.017%
28	6.866	811	814	816	rBV4	682	897	0.11%	0.016%
29	7.031	839	841	842	rBV2	880	961	0.12%	0.017%
30	7.080	842	849	855	rBV	21065	58256	7.10%	1.025%
31	7.360	893	895	898	rBV4	1186	1396	0.17%	0.025%
32	7.513	918	920	923	rBV4	1294	1911	0.23%	0.034%
33	7.555	925	927	929	rVV3	1344	935	0.11%	0.016%
34	7.647	931	942	951	rBV	130799	322863	39.36%	5.681%
35	7.878	978	980	984	rBV4	1072	1127	0.14%	0.020%
36	7.939	988	990	991	rBV2	1777	1284	0.16%	0.023%

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

37	8.025	999	1004	1006	rVB5	1254	2161	0.26%	0.038%
38	8.049	1006	1008	1010	rBV3	1578	1531	0.19%	0.027%
39	8.074	1010	1012	1016	rVB5	1084	839	0.10%	0.015%
40	8.275	1033	1045	1061	rBV2	258433	820303	100.00%	14.435%
41	8.659	1107	1108	1110	rBV2	1249	1116	0.14%	0.020%
42	8.842	1128	1138	1150	rBV	265028	530526	64.67%	9.336%
43	9.073	1171	1176	1185	rVB9	5236	11672	1.42%	0.205%
44	9.275	1201	1209	1219	rBV	186107	372857	45.45%	6.561%
45	9.500	1244	1246	1249	rBV2	1521	1572	0.19%	0.028%
46	9.549	1252	1254	1255	rBV2	1308	1077	0.13%	0.019%
47	9.659	1268	1272	1276	rBV7	2197	4175	0.51%	0.073%
48	9.829	1297	1300	1302	rBV3	1342	1544	0.19%	0.027%
49	9.848	1302	1303	1306	rVV3	1304	1269	0.15%	0.022%
50	9.890	1306	1310	1311	rVV4	2912	3878	0.47%	0.068%
51	9.939	1315	1318	1319	rBV3	1191	1227	0.15%	0.022%
52	10.030	1327	1333	1343	rBV	61354	112064	13.66%	1.972%
53	10.213	1358	1363	1365	rBV5	2312	3378	0.41%	0.059%
54	10.323	1373	1381	1387	rBV	348073	599020	73.02%	10.541%
55	10.451	1400	1402	1405	rVB4	1854	1367	0.17%	0.024%
56	10.573	1417	1422	1429	rBV2	40257	72808	8.88%	1.281%
57	10.695	1438	1442	1448	rBV3	7195	14520	1.77%	0.256%
58	10.927	1473	1480	1490	rBV	86226	151439	18.46%	2.665%
59	11.061	1498	1502	1509	rVB3	14869	25659	3.13%	0.452%
60	11.213	1525	1527	1530	rVB4	993	816	0.10%	0.014%
61	11.329	1543	1546	1548	rBV4	1202	1509	0.18%	0.027%
62	11.402	1554	1558	1559	rBV4	1392	1559	0.19%	0.027%
63	11.439	1559	1564	1567	rVB5	4531	7649	0.93%	0.135%
64	11.488	1570	1572	1575	rVB4	1699	1453	0.18%	0.026%
65	11.530	1575	1579	1581	rBV5	1142	1569	0.19%	0.028%
66	11.567	1581	1585	1586	rBV4	952	1010	0.12%	0.018%
67	11.628	1588	1595	1604	rBV	379288	638477	77.83%	11.235%
68	11.951	1646	1648	1649	rBV2	1203	915	0.11%	0.016%
69	12.219	1690	1692	1693	rBV2	1319	787	0.10%	0.014%
70	12.329	1706	1710	1711	rBV4	1193	1321	0.16%	0.023%
71	12.347	1711	1713	1715	rVV2	1365	860	0.10%	0.015%
72	12.402	1719	1722	1723	rBV3	1118	1207	0.15%	0.021%
73	12.603	1748	1755	1761	rVB4	13750	27268	3.32%	0.480%
74	12.689	1763	1769	1776	rBV	149264	243264	29.66%	4.281%
75	12.859	1794	1797	1801	rBV4	2730	4039	0.49%	0.071%
76	12.926	1806	1808	1813	rVB5	6873	10260	1.25%	0.181%

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 Title : SFAM01.0

77	13.036	1818	1826	1830	rBV4	6100	11722	1.43%	0.206%
78	13.182	1848	1850	1855	rVB4	6624	8682	1.06%	0.153%
79	13.249	1857	1861	1865	rBV6	4672	8410	1.03%	0.148%
80	13.402	1877	1886	1893	rBV2	12450	29045	3.54%	0.511%
81	13.493	1893	1901	1905	rBV4	14670	33599	4.10%	0.591%
82	13.554	1905	1911	1917	rBV	341660	530623	64.69%	9.337%
83	13.853	1952	1960	1970	rVB	269178	462125	56.34%	8.132%
84	14.200	2014	2017	2023	rVB7	2334	3316	0.40%	0.058%
85	14.249	2023	2025	2028	rBV4	1666	2206	0.27%	0.039%
86	14.335	2033	2039	2040	rBV6	3560	6606	0.81%	0.116%
87	14.560	2074	2076	2078	rBV2	1235	1001	0.12%	0.018%
88	14.798	2110	2115	2117	rBV6	2176	4203	0.51%	0.074%
89	15.084	2160	2162	2164	rBV3	1389	1270	0.15%	0.022%
90	15.371	2207	2209	2210	rBV2	1233	1032	0.13%	0.018%
91	15.426	2215	2218	2224	rVB2	8153	12539	1.53%	0.221%
92	15.615	2245	2249	2252	rBV5	1281	2037	0.25%	0.036%
93	15.731	2267	2268	2271	rBV3	1002	1105	0.13%	0.019%
94	15.840	2284	2286	2289	rVB4	1792	1730	0.21%	0.030%
95	15.889	2289	2294	2296	rBV5	1729	2834	0.35%	0.050%
96	16.066	2321	2323	2325	rBV3	1379	1484	0.18%	0.026%
97	16.206	2342	2346	2348	rBV5	1991	2317	0.28%	0.041%
98	16.334	2363	2367	2371	rBV7	1161	2353	0.29%	0.041%
99	16.621	2412	2414	2416	rBV3	972	1007	0.12%	0.018%
100	16.676	2420	2423	2425	rVV4	853	1028	0.13%	0.018%

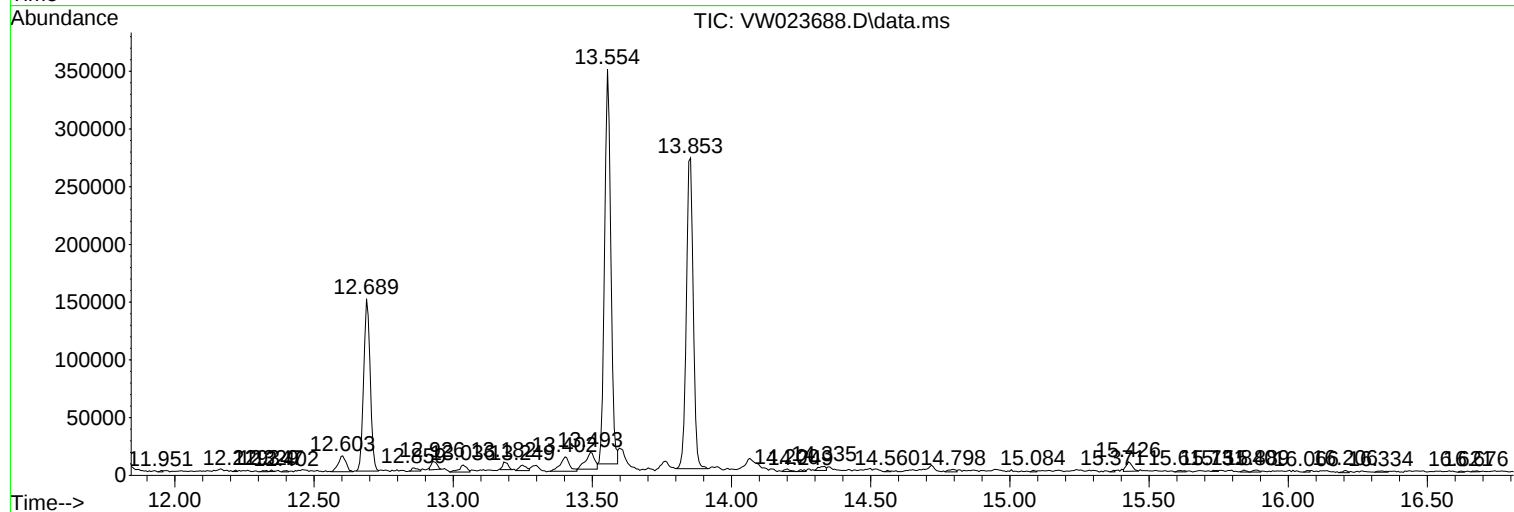
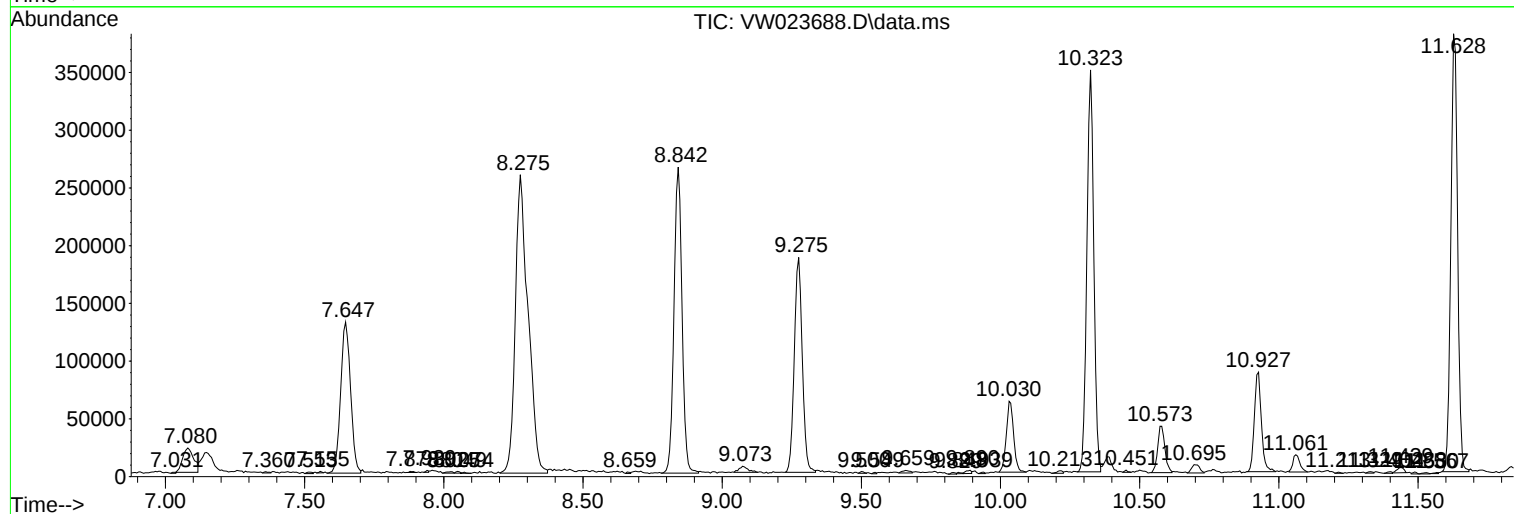
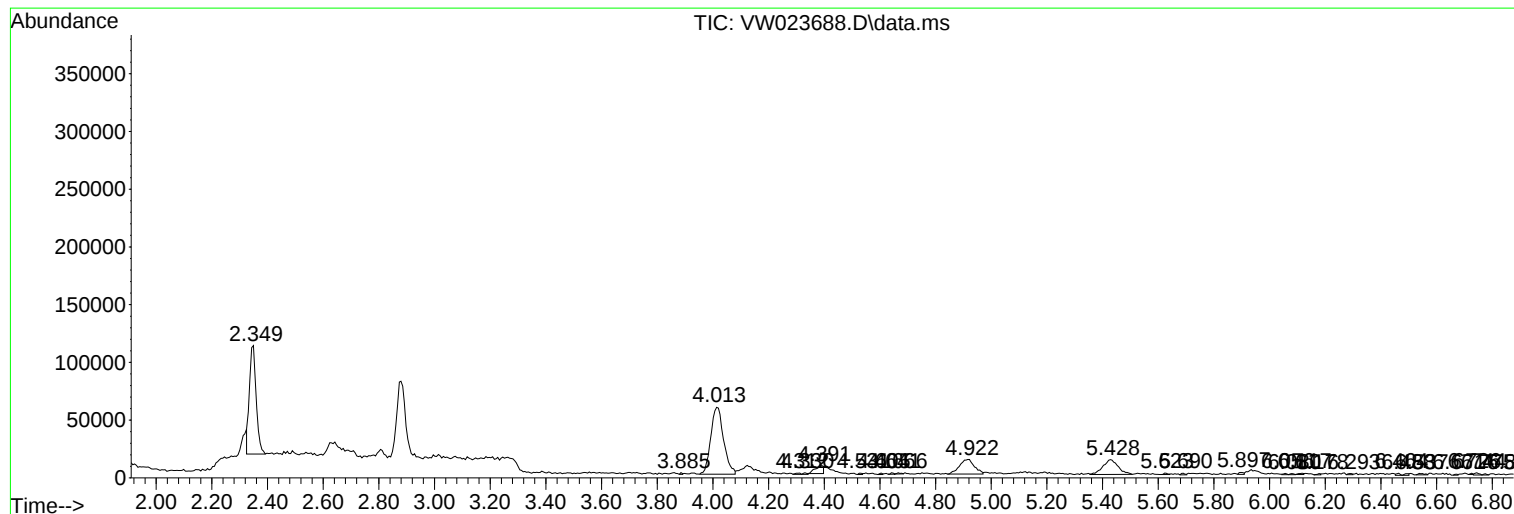
Sum of corrected areas: 5682725

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

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



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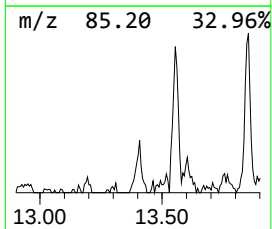
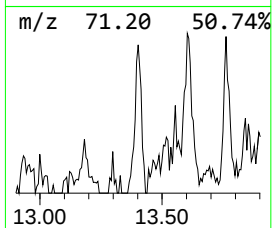
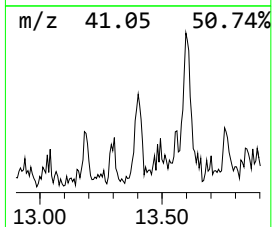
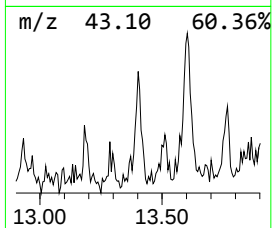
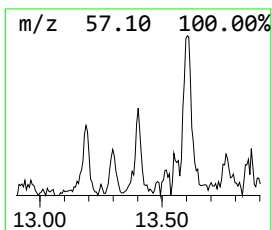
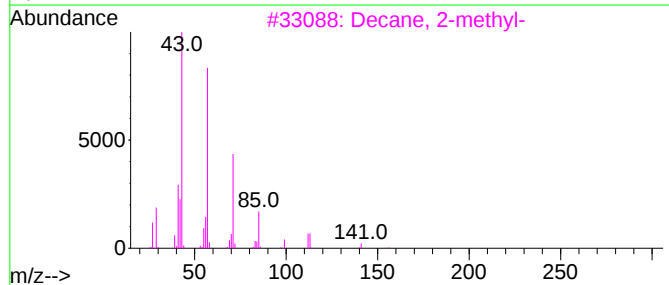
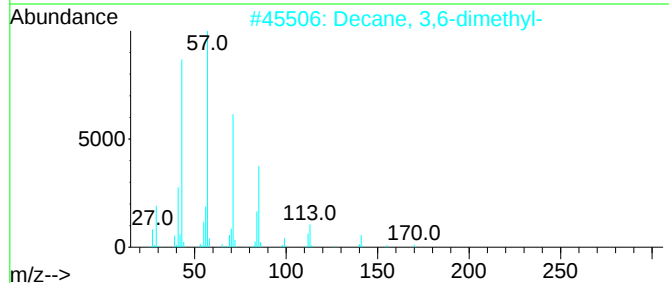
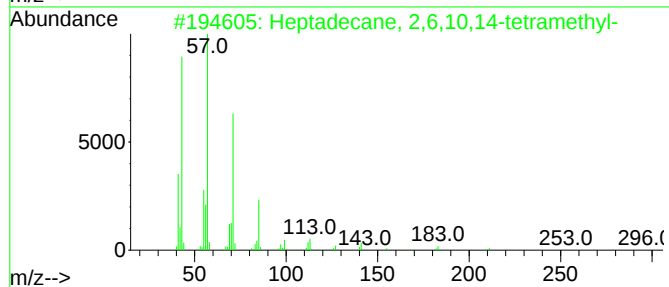
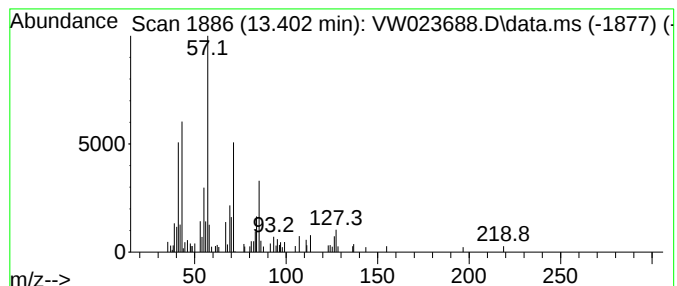
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.402	1.37 ug/L	29045	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	59
2			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	53
3			Decane, 2-methyl-	156	C11H24	006975-98-0	53
4			Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	53
5			Carbonic acid, decyl nonyl ester	328	C20H40O3	1000383-15-8	53



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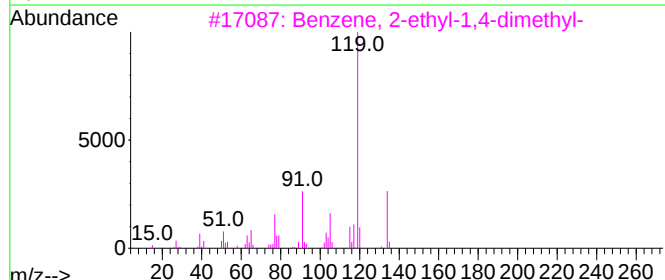
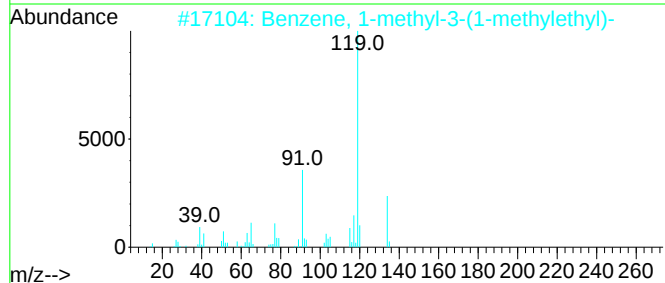
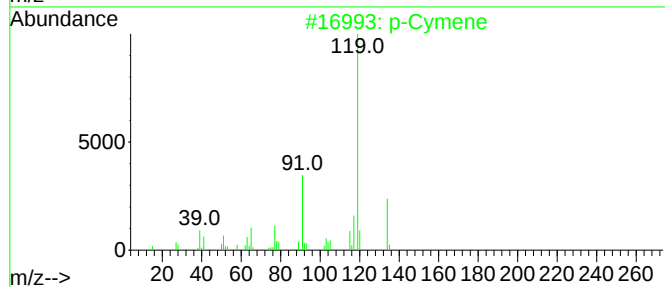
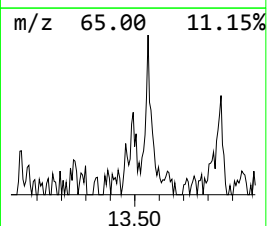
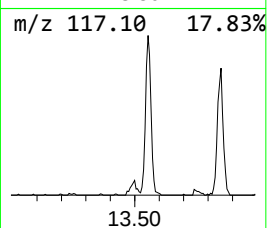
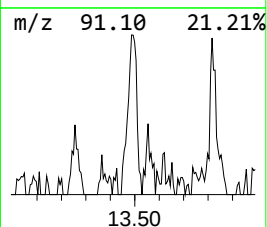
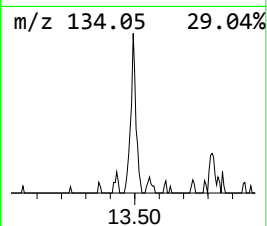
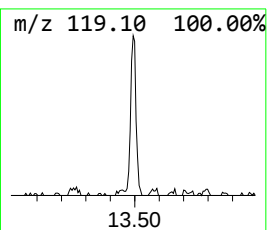
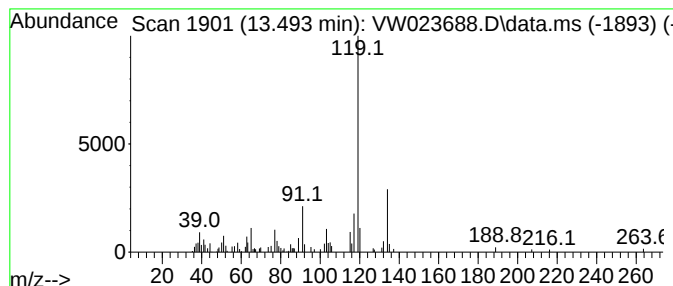
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 p-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.493	1.58 ug/L	33599	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	96
2			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	95
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
4			o-Cymene	134	C10H14	000527-84-4	93
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93



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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
(DEL) Alkane: S...	13.402	1.4	ug/L	29045	3	13.554	530623	25.0
p-Cymene	13.493	1.6	ug/L	33599	3	13.554	530623	25.0