

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
 Data File : VW020256.D
 Acq On : 30 Sep 2021 02:18
 Operator : SY/VA
 Sample : M3974-10
 Misc : 7.30g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW8Z4

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\SFAMWLM092121SMA.M
 Title : SFAM01.0

Signal : TIC: VW020256.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.154	38	41	44	rBV4	596	866	0.10%	0.012%
2	2.251	47	57	58	rBV4	2487	6631	0.75%	0.093%
3	2.367	69	76	90	rBV2	316766	640396	72.51%	8.970%
4	2.898	155	163	178	rVB	57877	149868	16.97%	2.099%
5	3.477	256	258	260	rBV3	294	324	0.04%	0.005%
6	3.611	277	280	284	rBV2	196	282	0.03%	0.004%
7	4.025	337	348	361	rBV	87993	266919	30.22%	3.739%
8	4.397	398	409	419	rVB2	1371	4805	0.54%	0.067%
9	4.848	480	483	485	rBV	249	325	0.04%	0.005%
10	4.916	485	494	508	rBV3	3679	12819	1.45%	0.180%
11	5.354	564	566	570	rBV3	223	307	0.03%	0.004%
12	5.428	575	578	583	rVB3	325	514	0.06%	0.007%
13	5.787	633	637	639	rBV3	377	537	0.06%	0.008%
14	5.940	655	662	663	rBV4	1334	1933	0.22%	0.027%
15	5.958	663	665	672	rVB3	1744	2276	0.26%	0.032%
16	6.177	698	701	703	rBV2	235	354	0.04%	0.005%
17	6.324	721	725	727	rBV2	279	377	0.04%	0.005%
18	6.751	792	795	797	rBV2	334	399	0.05%	0.006%
19	6.866	810	814	815	rBV2	226	307	0.03%	0.004%
20	6.988	831	834	837	rVV3	335	517	0.06%	0.007%
21	7.080	840	849	856	rBV	32126	87305	9.89%	1.223%
22	7.177	856	865	878	rVB	122663	333418	37.75%	4.670%
23	7.299	883	885	893	rVB3	240	449	0.05%	0.006%
24	7.531	920	923	928	rBV2	352	642	0.07%	0.009%
25	7.653	932	943	956	rBV	157519	412581	46.72%	5.779%
26	7.750	958	959	965	rVB2	295	359	0.04%	0.005%
27	7.885	979	981	987	rVB2	340	415	0.05%	0.006%
28	7.952	987	992	998	rBV5	1031	1899	0.22%	0.027%
29	8.043	1002	1007	1010	rBV2	194	300	0.03%	0.004%
30	8.281	1033	1046	1063	rBV2	347622	883183	100.00%	12.371%
31	8.555	1089	1091	1093	rBV	269	302	0.03%	0.004%
32	8.634	1102	1104	1107	rBV2	245	293	0.03%	0.004%
33	8.689	1109	1113	1114	rBV3	398	422	0.05%	0.006%
34	8.848	1129	1139	1148	rVV	415622	701650	79.45%	9.828%
35	8.915	1148	1150	1151	rVV2	919	751	0.09%	0.011%
36	9.031	1167	1169	1171	rBV2	517	536	0.06%	0.008%

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 Title : SFAM01.0

37	9.098	1171	1180	1189	rVB	76091	138926	15.73%	1.946%
38	9.281	1200	1210	1219	rBV	259792	424420	48.06%	5.945%
39	9.342	1219	1220	1225	rVB4	1535	1673	0.19%	0.023%
40	9.482	1240	1243	1246	rBV3	270	346	0.04%	0.005%
41	9.616	1260	1265	1267	rBV2	643	923	0.10%	0.013%
42	9.744	1284	1286	1287	rBV2	468	331	0.04%	0.005%
43	9.872	1302	1307	1311	rBV4	559	872	0.10%	0.012%
44	9.945	1316	1319	1321	rBV	596	505	0.06%	0.007%
45	10.037	1325	1334	1342	rBV	87230	169684	19.21%	2.377%
46	10.091	1342	1343	1346	rVB3	989	599	0.07%	0.008%
47	10.134	1349	1350	1353	rVB2	795	440	0.05%	0.006%
48	10.171	1354	1356	1358	rBV2	635	480	0.05%	0.007%
49	10.207	1360	1362	1364	rBV3	282	295	0.03%	0.004%
50	10.256	1367	1370	1373	rBV4	643	877	0.10%	0.012%
51	10.323	1373	1381	1389	rBV	335784	623868	70.64%	8.739%
52	10.390	1389	1392	1397	rVV	5350	9534	1.08%	0.134%
53	10.433	1397	1399	1405	rVB5	1053	1595	0.18%	0.022%
54	10.506	1405	1411	1417	rBV7	1673	4082	0.46%	0.057%
55	10.579	1417	1423	1430	rBV	77293	118997	13.47%	1.667%
56	10.664	1435	1437	1439	rBV3	1487	1572	0.18%	0.022%
57	10.707	1440	1444	1449	rVB2	2929	4643	0.53%	0.065%
58	10.762	1452	1453	1457	rVB3	968	839	0.09%	0.012%
59	10.799	1457	1459	1465	rBV5	1020	1594	0.18%	0.022%
60	10.860	1467	1469	1472	rBV3	1487	1917	0.22%	0.027%
61	10.927	1474	1480	1488	rBV2	77522	139228	15.76%	1.950%
62	11.061	1500	1502	1505	rBV4	2139	3352	0.38%	0.047%
63	11.134	1512	1514	1516	rBV3	1972	1742	0.20%	0.024%
64	11.213	1525	1527	1529	rBV3	1777	1280	0.14%	0.018%
65	11.292	1538	1540	1542	rVB3	1281	839	0.09%	0.012%
66	11.317	1542	1544	1547	rBV4	776	1212	0.14%	0.017%
67	11.353	1547	1550	1554	rVV5	1855	2932	0.33%	0.041%
68	11.427	1560	1562	1564	rVB2	1915	1175	0.13%	0.016%
69	11.530	1578	1579	1587	rVB6	6266	9550	1.08%	0.134%
70	11.634	1589	1596	1605	rBV	370217	683951	77.44%	9.581%
71	11.786	1619	1621	1624	rBV4	1440	1995	0.23%	0.028%
72	11.835	1627	1629	1633	rVV5	2137	2475	0.28%	0.035%
73	11.920	1641	1643	1647	rVB5	2088	2262	0.26%	0.032%
74	11.969	1649	1651	1654	rBV4	1548	1629	0.18%	0.023%
75	12.042	1661	1663	1669	rVB6	2410	2924	0.33%	0.041%
76	12.128	1675	1677	1680	rBV4	1352	1168	0.13%	0.016%

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 Title : SFAM01.0

77	12.195	1686	1688	1693	rVB6	2161	2598	0.29%	0.036%
78	12.256	1693	1698	1701	rBV6	2614	4836	0.55%	0.068%
79	12.347	1708	1713	1715	rBV4	6489	13578	1.54%	0.190%
80	12.609	1754	1756	1761	rVB3	8478	10531	1.19%	0.148%
81	12.695	1764	1770	1778	rVB	124902	215980	24.45%	3.025%
82	12.780	1782	1784	1790	rVB7	5053	6258	0.71%	0.088%
83	12.890	1797	1802	1804	rBV4	8376	16119	1.83%	0.226%
84	13.158	1843	1846	1849	rBV5	3176	4892	0.55%	0.069%
85	13.188	1849	1851	1853	rBV3	4187	3345	0.38%	0.047%
86	13.268	1862	1864	1866	rBV2	7781	8944	1.01%	0.125%
87	13.554	1906	1911	1919	rVV2	269531	446127	50.51%	6.249%
88	13.646	1923	1926	1940	rVB8	11571	24248	2.75%	0.340%
89	13.853	1954	1960	1971	rBV	204566	341692	38.69%	4.786%
90	14.207	2014	2018	2023	rBV6	5287	10182	1.15%	0.143%
91	14.908	2129	2133	2143	rVB7	10118	24733	2.80%	0.346%
92	14.981	2143	2145	2151	rBV7	4324	6396	0.72%	0.090%
93	15.164	2173	2175	2176	rBV	7615	6000	0.68%	0.084%
94	15.304	2197	2198	2200	rBV2	4493	4110	0.47%	0.058%
95	15.383	2208	2211	2212	rBV3	6107	6040	0.68%	0.085%
96	15.627	2246	2251	2254	rBV6	10215	22837	2.59%	0.320%
97	15.810	2278	2281	2288	rBV7	8546	15913	1.80%	0.223%
98	16.090	2324	2327	2329	rBV3	6299	7143	0.81%	0.100%
99	16.316	2362	2364	2365	rBV2	5147	3405	0.39%	0.048%
100	16.633	2411	2416	2428	rVB3	22009	51053	5.78%	0.715%

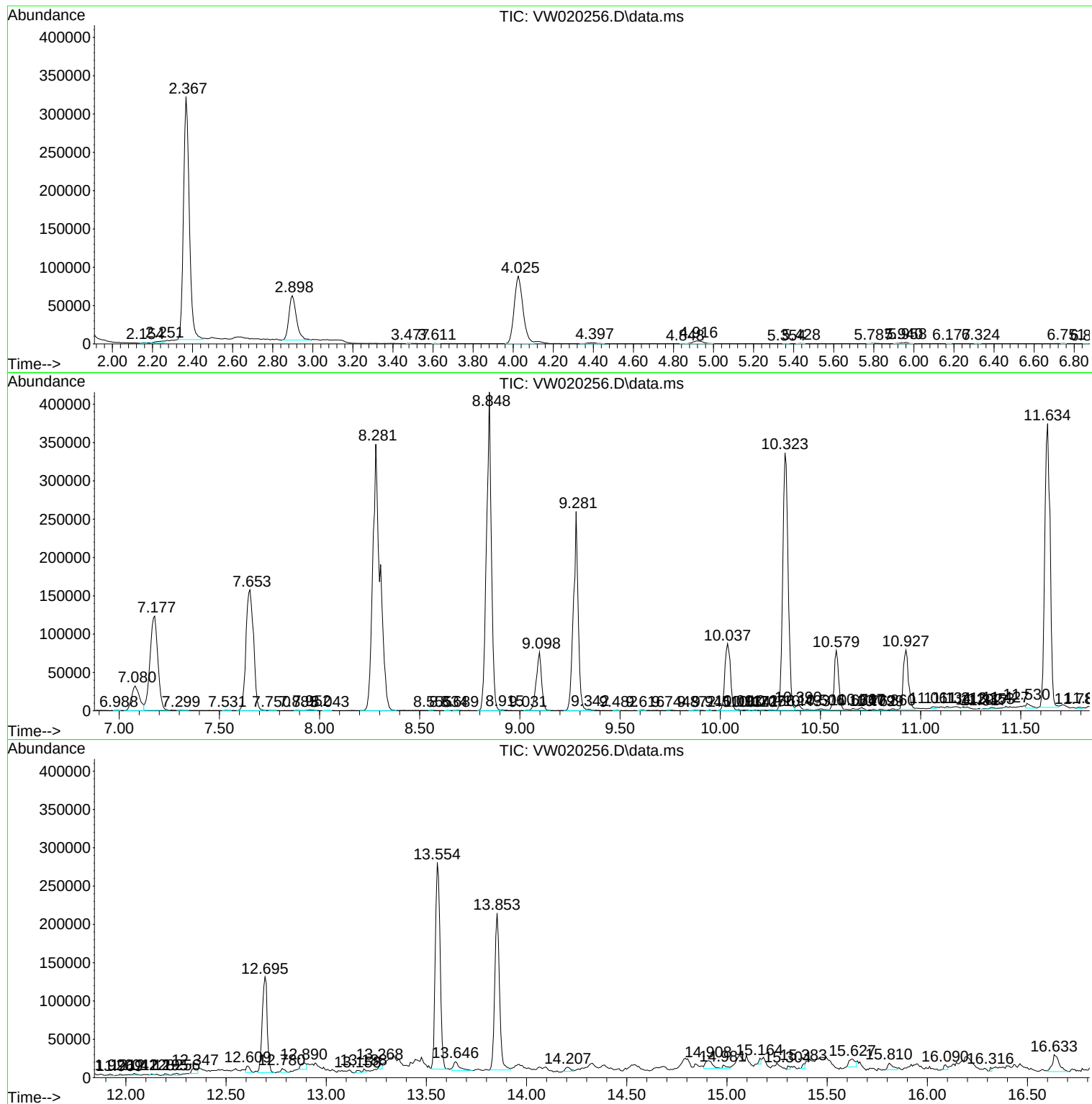
Sum of corrected areas: 7138947

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Instrument :
MSVOA_W
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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



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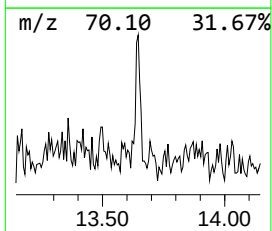
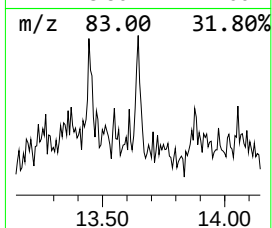
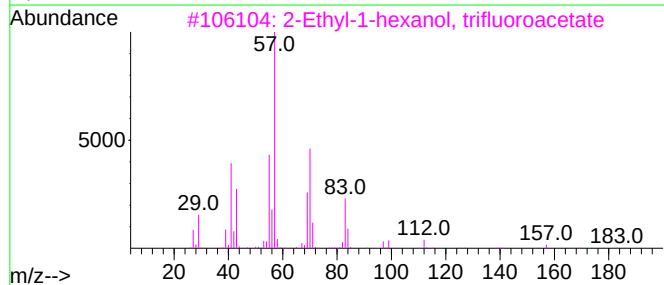
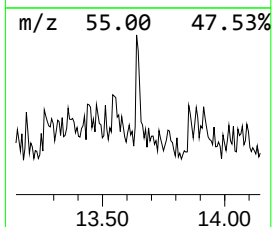
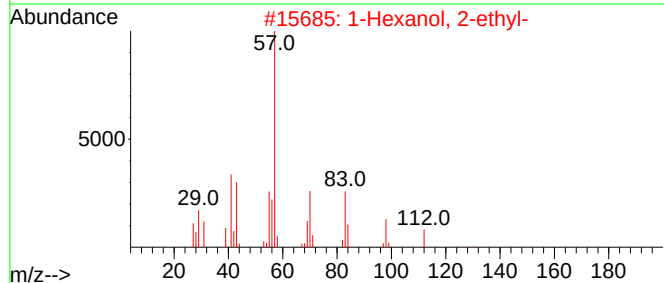
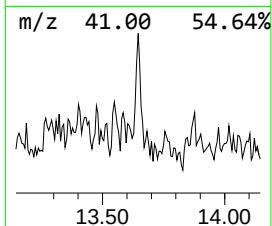
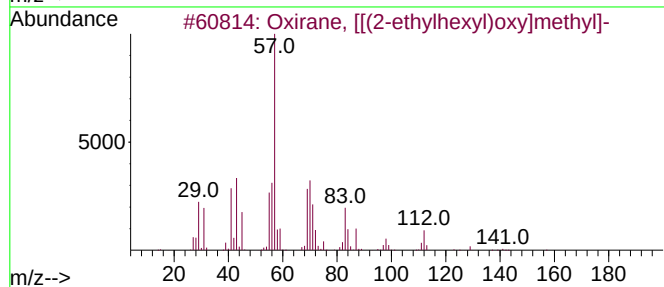
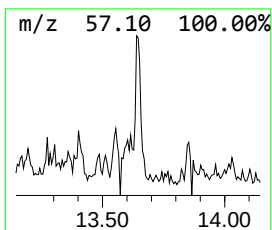
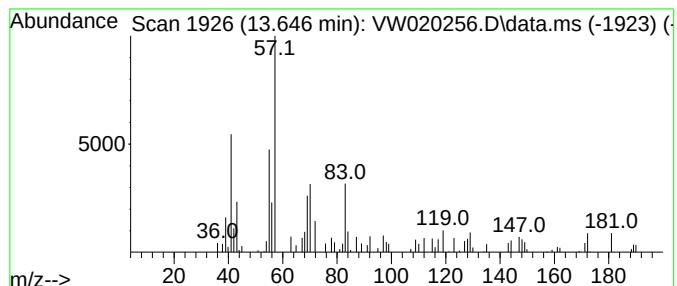
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.646	1.36 ug/L	24248	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, [[(2-ethylhexyl)oxy]met...	186	C11H22O2	002461-15-6	47
2			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	47
3			2-Ethyl-1-hexanol, trifluoroacetate	226	C10H17F3O2	053800-08-1	38
4			2-Ethyl-1-hexanol, heptafluorobu...	326	C12H17F7O2	1000365-16-0	38
5			Octane, 4-chloro-	148	C8H17Cl	000999-07-5	35



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Instrument :
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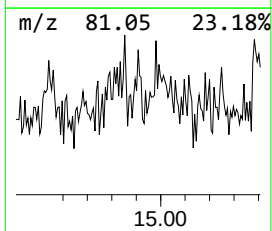
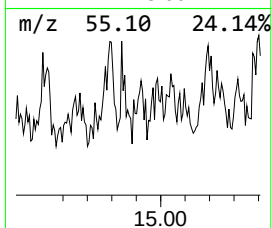
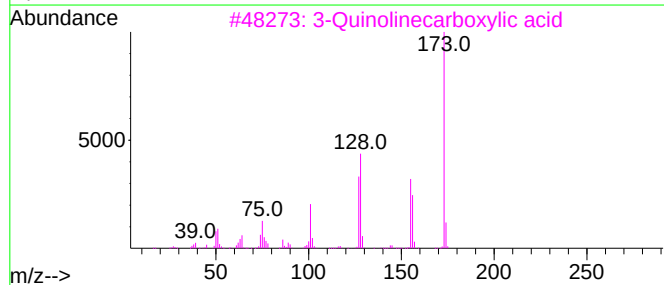
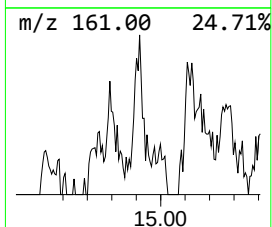
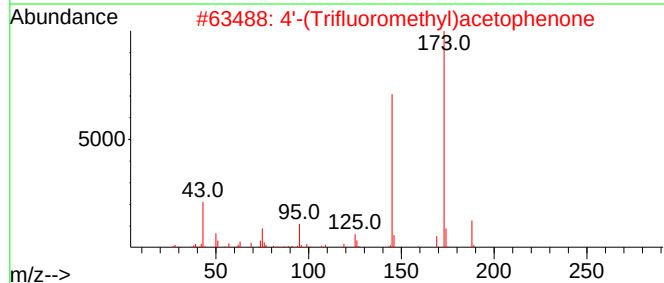
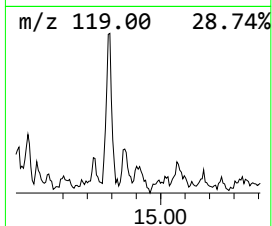
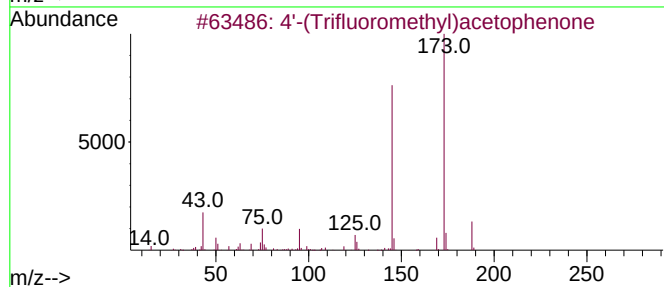
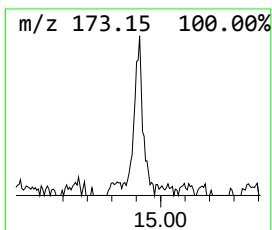
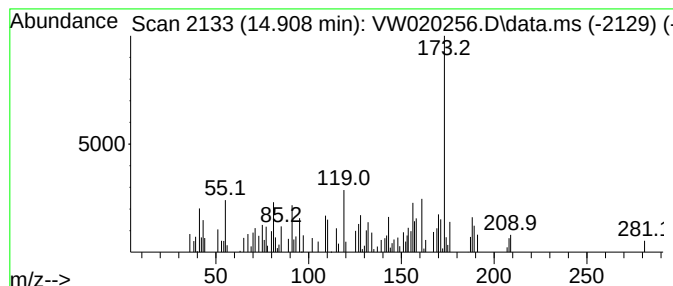
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.908	1.39 ug/L	24733	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4'-(Trifluoromethyl)acetophenone	188	C9H7F3O	000709-63-7	43		
2	4'-(Trifluoromethyl)acetophenone	188	C9H7F3O	000709-63-7	43		
3	3-Quinolinecarboxylic acid	173	C10H7NO2	006480-68-8	38		
4	3'-(Trifluoromethyl)acetophenone	188	C9H7F3O	000349-76-8	38		
5	4'-(Trifluoromethyl)acetophenone	188	C9H7F3O	000709-63-7	38		



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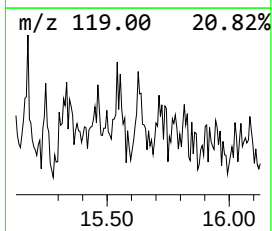
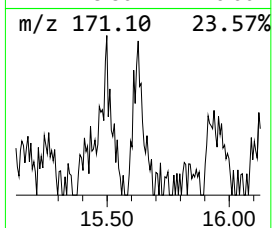
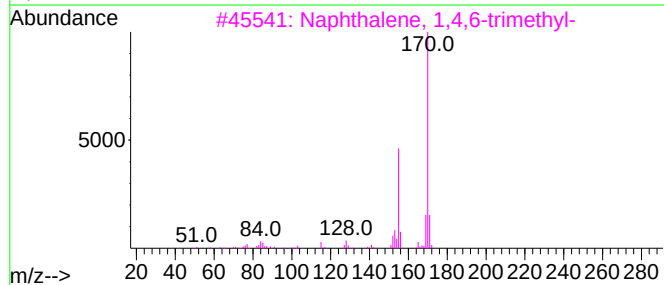
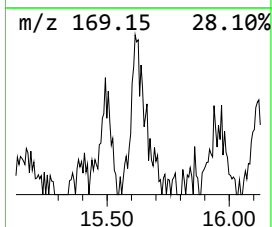
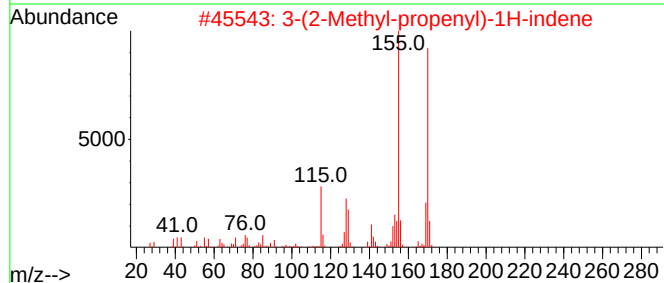
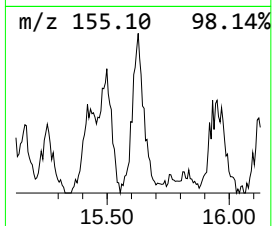
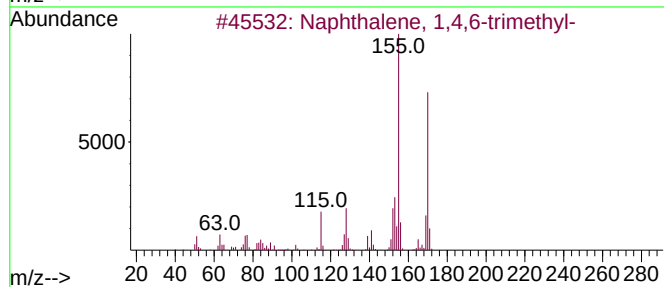
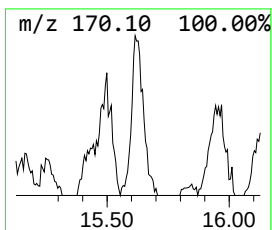
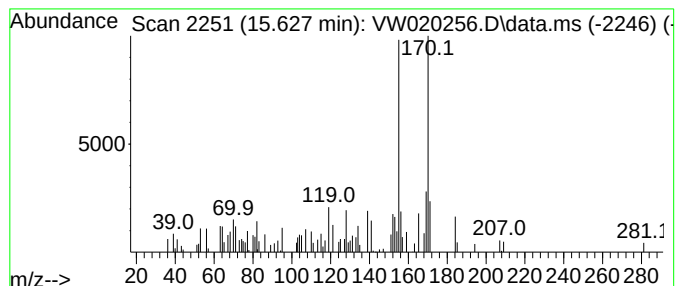
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Quant Title : SFAM01.0

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

Peak Number 4 Naphthalene, 1,4,6-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.627	1.28 ug/L	22837	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	64
2			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	62
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	58
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	58
5			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020256.D
Acq On : 30 Sep 2021 02:18
Operator : SY/VA
Sample : M3974-10
Misc : 7.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Z4

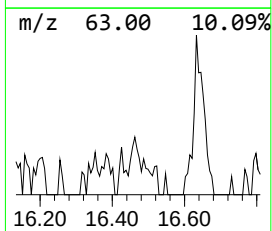
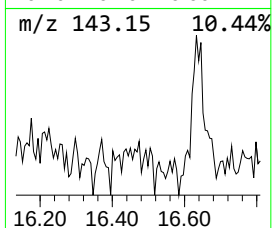
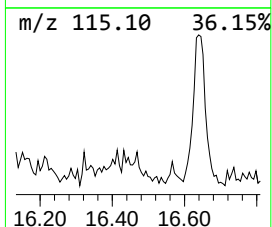
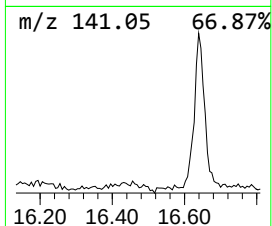
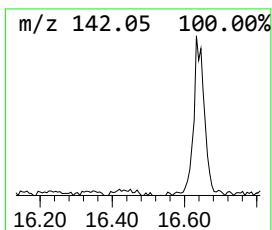
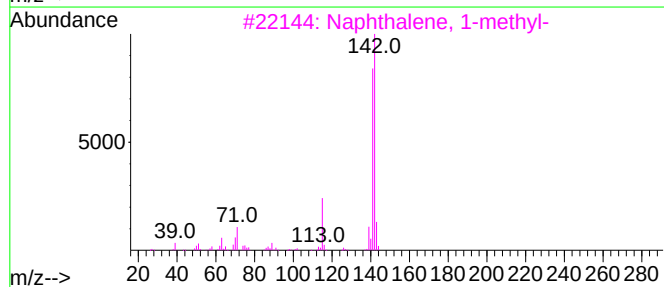
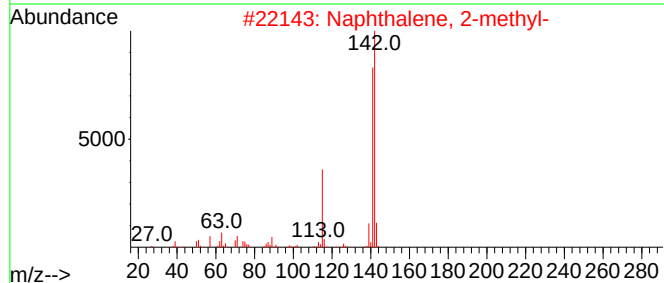
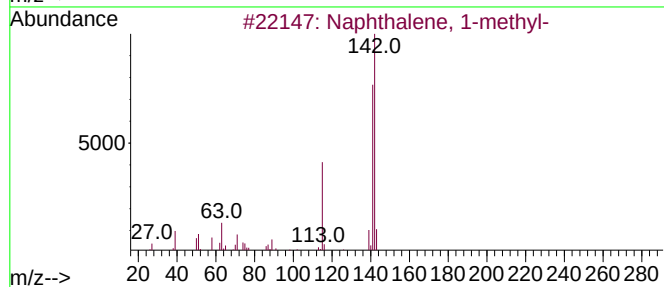
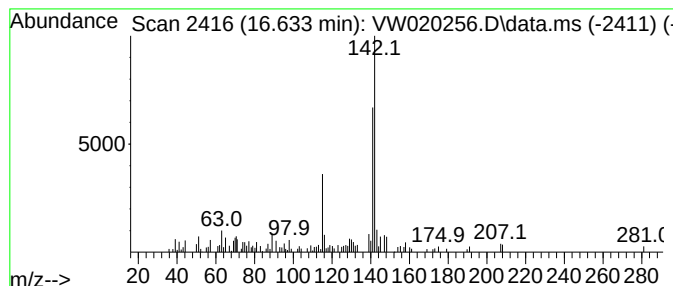
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Quant Title : SFAM01.0

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

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.633	2.86 ug/L	51053	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	87
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	87
4			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	87
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020256.D
Acq On : 30 Sep 2021 02:18
Operator : SY/VA
Sample : M3974-10
Misc : 7.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Z4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.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
unknown-01	13.646	1.4	ug/L	24248	3	13.560	446127	25.0
unknown-02	14.908	1.4	ug/L	24733	3	13.560	446127	25.0
Naphthalene, 1,...	15.627	1.3	ug/L	22837	3	13.560	446127	25.0
Naphthalene, 1-...	16.633	2.9	ug/L	51053	3	13.560	446127	25.0