

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021623.D
 Acq On : 23 Dec 2021 19:53
 Operator : SY/VA
 Sample : M5125-14
 Misc : 9.69g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 H0AP8

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: VW021623.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	68	73	83	rVB	25553	42984	10.22%	1.390%
2	2.886	154	161	172	rVB	16216	34110	8.11%	1.103%
3	4.019	337	347	358	rBV	35754	97350	23.14%	3.148%
4	4.135	360	366	375	rVB3	697	1906	0.45%	0.062%
5	4.251	383	385	388	rBV3	223	319	0.08%	0.010%
6	4.477	419	422	425	rBB	94	123	0.03%	0.004%
7	4.922	484	495	504	rVB2	6965	21273	5.06%	0.688%
8	5.477	583	586	588	rBV2	111	155	0.04%	0.005%
9	5.739	626	629	630	rBV	98	110	0.03%	0.004%
10	5.818	640	642	647	rBB	83	121	0.03%	0.004%
11	5.946	655	663	670	rBV2	1755	4279	1.02%	0.138%
12	6.379	732	734	736	rBB2	119	116	0.03%	0.004%
13	6.568	761	765	766	rBB	138	155	0.04%	0.005%
14	6.806	800	804	805	rBV	117	113	0.03%	0.004%
15	7.080	840	849	862	rBV2	7215	20260	4.82%	0.655%
16	7.269	877	880	884	rBB	92	118	0.03%	0.004%
17	7.647	930	942	954	rBB	59145	143179	34.03%	4.631%
18	7.952	991	992	994	rVB	216	143	0.03%	0.005%
19	8.275	1036	1045	1060	rBV2	106426	315181	74.91%	10.193%
20	8.653	1105	1107	1110	rBB	112	122	0.03%	0.004%
21	8.702	1112	1115	1116	rBV	191	133	0.03%	0.004%
22	8.842	1129	1138	1149	rBV	136272	264990	62.98%	8.570%
23	9.080	1174	1177	1180	rBB	200	259	0.06%	0.008%
24	9.195	1193	1196	1198	rBB	115	114	0.03%	0.004%
25	9.275	1200	1209	1218	rVB	75337	150057	35.67%	4.853%
26	9.348	1218	1221	1224	rBB	209	236	0.06%	0.008%
27	9.397	1225	1229	1230	rBV	109	149	0.04%	0.005%
28	9.415	1230	1232	1236	rVB	273	338	0.08%	0.011%
29	9.506	1245	1247	1250	rBB	233	152	0.04%	0.005%
30	9.707	1276	1280	1283	rBB	121	131	0.03%	0.004%
31	10.037	1326	1334	1342	rBB	38435	66986	15.92%	2.166%
32	10.207	1357	1362	1370	rVB2	3957	7037	1.67%	0.228%
33	10.323	1373	1381	1388	rBV	166699	287706	68.38%	9.305%
34	10.384	1388	1391	1399	rVB	2961	4895	1.16%	0.158%
35	10.500	1407	1410	1413	rBB	202	225	0.05%	0.007%
36	10.579	1414	1423	1432	rBB	23422	38960	9.26%	1.260%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
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37	10.707	1437	1444	1448	rBB2	491	862	0.20%	0.028%
38	10.841	1461	1466	1467	rBV	178	254	0.06%	0.008%
39	10.860	1467	1469	1473	rVV3	631	795	0.19%	0.026%
40	10.921	1473	1479	1492	rVV	29453	50383	11.97%	1.629%
41	11.073	1498	1504	1510	rBV	4094	7087	1.68%	0.229%
42	11.360	1548	1551	1554	rBB	75	117	0.03%	0.004%
43	11.561	1582	1584	1588	rBV	78	134	0.03%	0.004%
44	11.628	1588	1595	1607	rVB	205227	342343	81.37%	11.072%
45	11.731	1607	1612	1617	rBB	1243	1838	0.44%	0.059%
46	11.780	1617	1620	1623	rBB2	106	128	0.03%	0.004%
47	11.835	1624	1629	1635	rBV2	3823	6447	1.53%	0.209%
48	12.158	1678	1682	1683	rBV2	896	1011	0.24%	0.033%
49	12.231	1691	1694	1697	rBV3	1407	2210	0.53%	0.071%
50	12.335	1706	1711	1718	rBB2	1816	3042	0.72%	0.098%
51	12.457	1729	1731	1732	rBV	216	207	0.05%	0.007%
52	12.603	1747	1755	1760	rBB3	3674	7088	1.68%	0.229%
53	12.689	1763	1769	1776	rBV	56383	92672	22.03%	2.997%
54	12.743	1776	1778	1779	rBV	207	137	0.03%	0.004%
55	12.804	1783	1788	1792	rVB	1941	2872	0.68%	0.093%
56	12.865	1793	1798	1801	rBV	5180	7644	1.82%	0.247%
57	12.939	1807	1810	1819	rVB3	4372	7355	1.75%	0.238%
58	13.000	1819	1820	1823	rBB3	232	229	0.05%	0.007%
59	13.054	1827	1829	1831	rBV	142	174	0.04%	0.006%
60	13.097	1831	1836	1844	rVB2	1850	2917	0.69%	0.094%
61	13.164	1844	1847	1848	rBV	219	289	0.07%	0.009%
62	13.195	1848	1852	1855	rBV3	749	1034	0.25%	0.033%
63	13.249	1855	1861	1866	rBV	19975	31053	7.38%	1.004%
64	13.396	1876	1885	1890	rBV5	7480	13642	3.24%	0.441%
65	13.554	1905	1911	1923	rBV	257030	420740	100.00%	13.607%
66	13.719	1933	1938	1939	rBV3	2882	3969	0.94%	0.128%
67	13.749	1939	1943	1946	rBV2	10377	16054	3.82%	0.519%
68	13.853	1954	1960	1967	rVB	169539	283819	67.46%	9.179%
69	13.944	1970	1975	1980	rVB	4404	6547	1.56%	0.212%
70	14.012	1980	1986	1988	rBV	7575	13530	3.22%	0.438%
71	14.091	1996	1999	2005	rVB	14791	21954	5.22%	0.710%
72	14.158	2005	2010	2012	rBV3	1508	2071	0.49%	0.067%
73	14.201	2012	2017	2024	rVB2	7070	11799	2.80%	0.382%
74	14.322	2031	2037	2045	rBV2	44156	71702	17.04%	2.319%
75	14.414	2048	2052	2055	rBV	6543	9697	2.30%	0.314%
76	14.451	2055	2058	2063	rVB	8661	12352	2.94%	0.399%

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 Title : SFAM01.0

77	14.499	2063	2066	2068	rBV2	2300	3124	0.74%	0.101%
78	14.597	2080	2082	2083	rBV	463	229	0.05%	0.007%
79	14.633	2085	2088	2092	rVB	2469	3303	0.79%	0.107%
80	14.688	2092	2097	2102	rBV3	8771	17640	4.19%	0.571%
81	14.804	2108	2116	2121	rBV3	13196	28174	6.70%	0.911%
82	14.920	2133	2135	2137	rBV3	264	307	0.07%	0.010%
83	14.957	2137	2141	2145	rVB2	2069	2743	0.65%	0.089%
84	15.060	2154	2158	2169	rVB5	4172	10328	2.45%	0.334%
85	15.176	2171	2177	2184	rVV5	8593	15509	3.69%	0.502%
86	15.322	2198	2201	2202	rBV2	344	318	0.08%	0.010%
87	15.365	2202	2208	2213	rVB	7430	13041	3.10%	0.422%
88	15.420	2213	2217	2220	rBV3	857	1126	0.27%	0.036%
89	15.475	2220	2226	2232	rBV6	1993	4602	1.09%	0.149%
90	15.652	2249	2255	2259	rBV4	1855	2874	0.68%	0.093%
91	15.712	2263	2265	2266	rBV	323	248	0.06%	0.008%
92	15.853	2284	2288	2295	rVB4	2605	5385	1.28%	0.174%
93	15.944	2295	2303	2308	rBV5	1159	2361	0.56%	0.076%
94	16.017	2311	2315	2321	rVB3	513	956	0.23%	0.031%
95	16.218	2346	2348	2354	rBV2	331	494	0.12%	0.016%
96	16.365	2365	2372	2378	rVB3	3582	7260	1.73%	0.235%
97	16.432	2378	2383	2395	rBV4	2896	7739	1.84%	0.250%
98	16.572	2404	2406	2410	rVB2	252	228	0.05%	0.007%
99	16.688	2423	2425	2426	rBV2	477	406	0.10%	0.013%
100	16.773	2435	2439	2441	rBV2	651	915	0.22%	0.030%

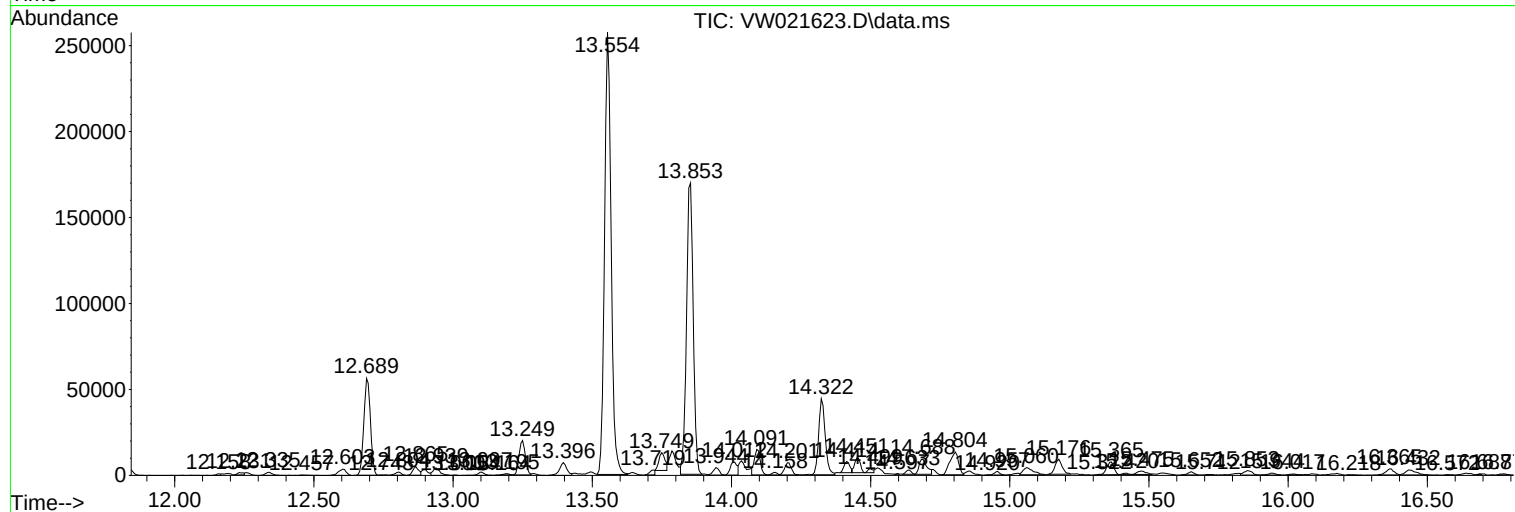
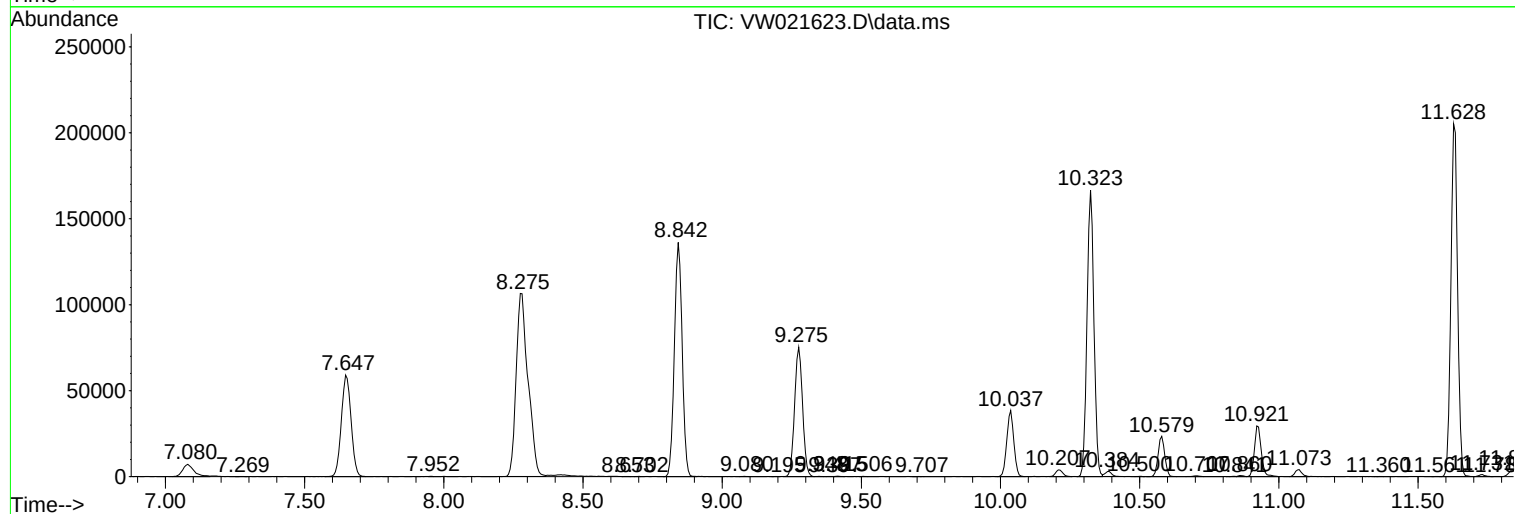
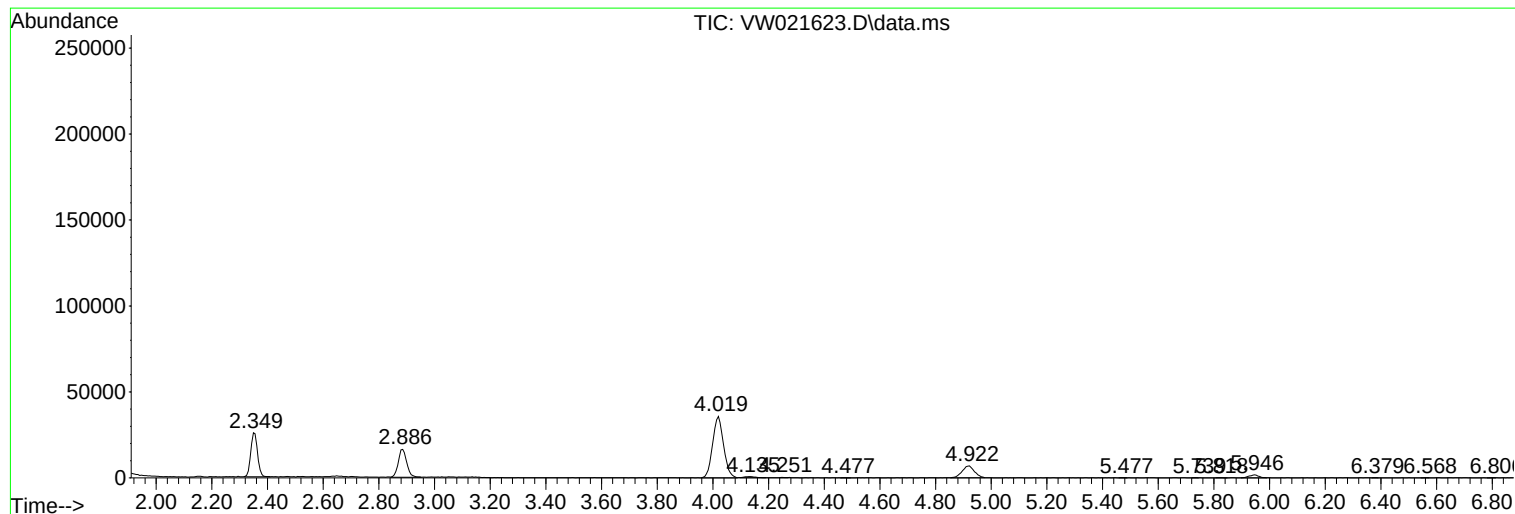
Sum of corrected areas: 3091993

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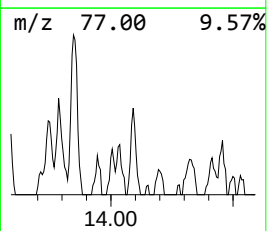
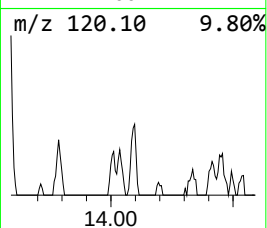
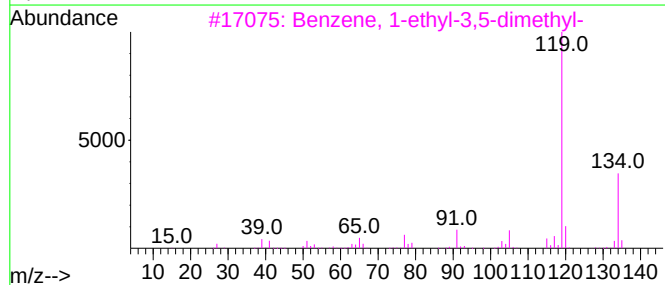
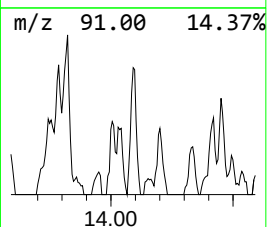
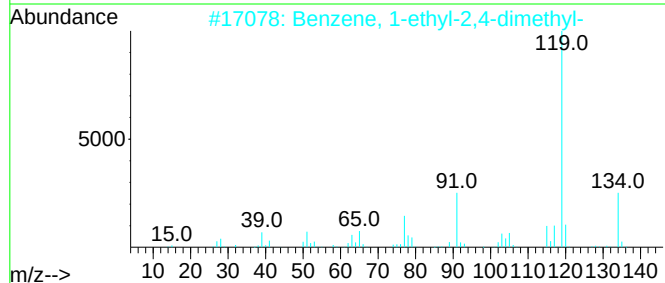
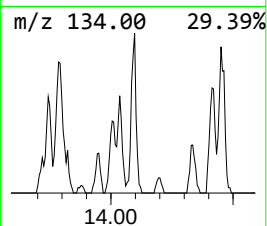
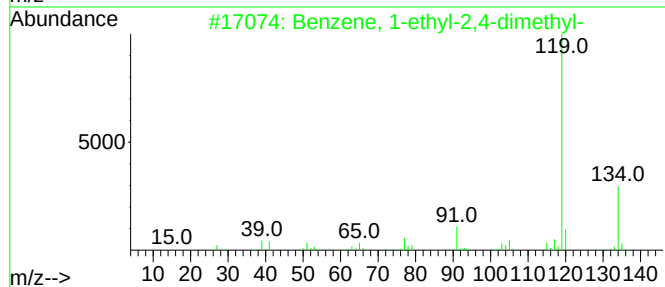
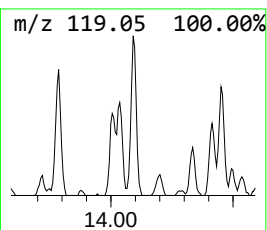
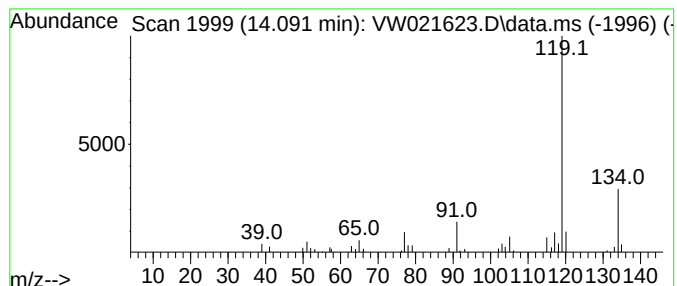
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.091	1.30 ug/L	21954	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
2			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
4			o-Cymene	134	C10H14	000527-84-4	94
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94



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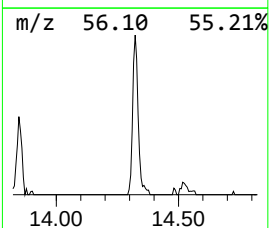
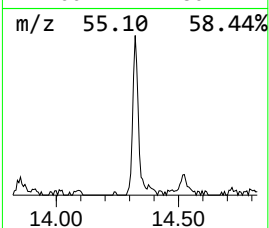
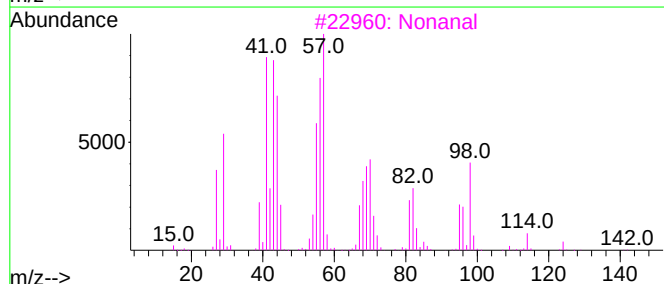
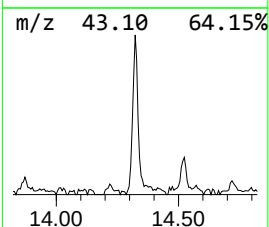
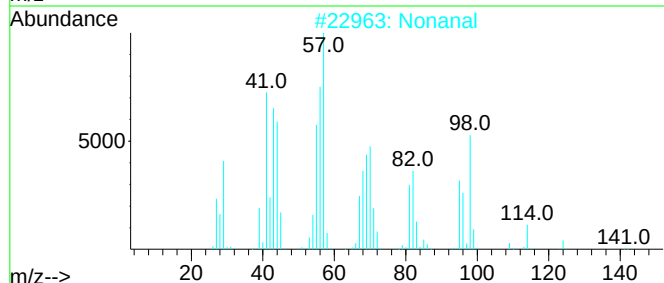
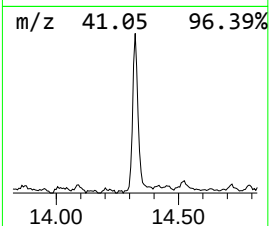
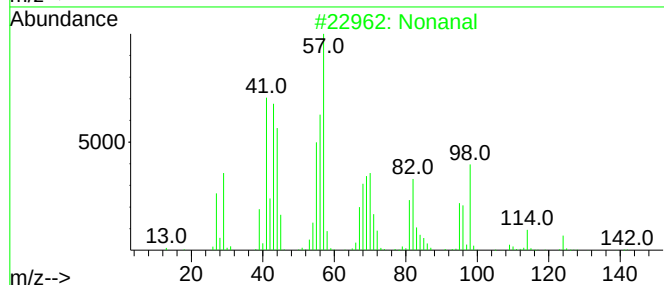
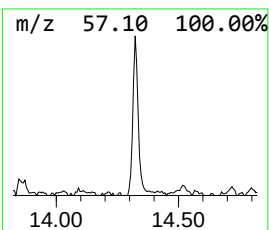
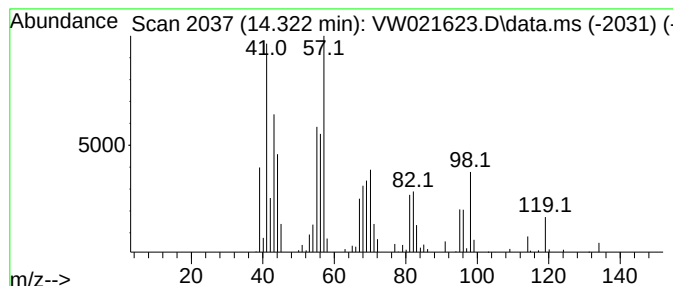
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Nonanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.323	4.26 ug/L	71702	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal			142	C9H18O	000124-19-6	91
2	Nonanal			142	C9H18O	000124-19-6	90
3	Nonanal			142	C9H18O	000124-19-6	90
4	Nonanal			142	C9H18O	000124-19-6	83
5	Cycloheptane			98	C7H14	000291-64-5	38



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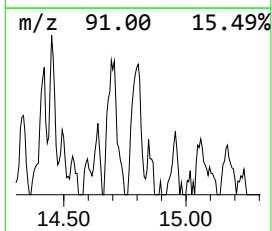
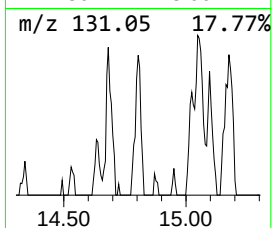
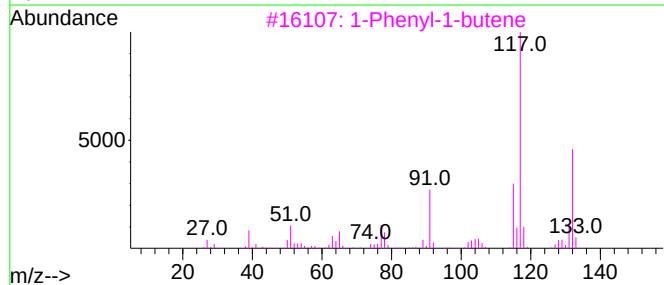
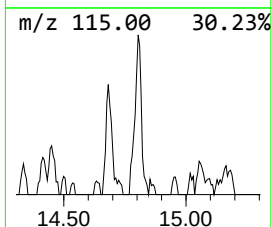
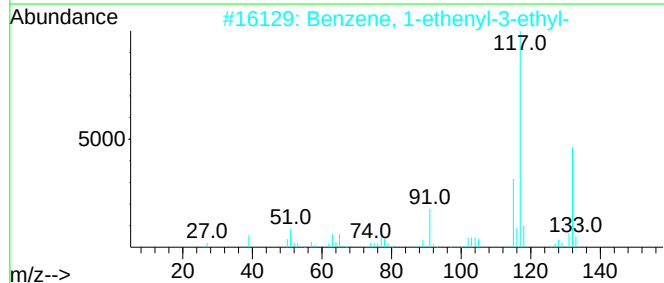
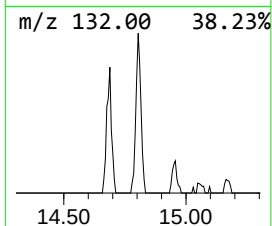
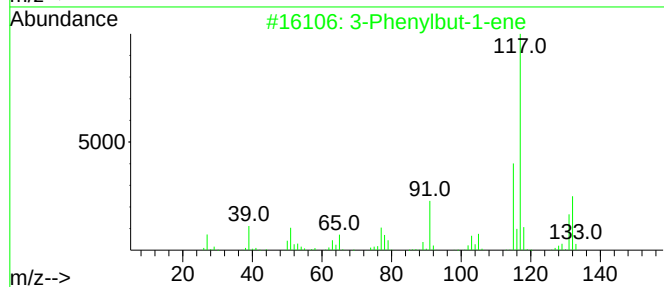
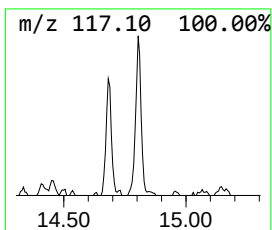
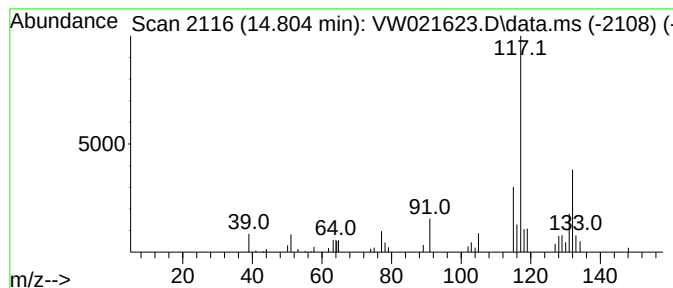
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 3-Phenylbut-1-ene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.804	1.67 ug/L	28174	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
2			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
3			1-Phenyl-1-butene	132	C10H12	000824-90-8	87
4			2,4-Dimethylstyrene	132	C10H12	002234-20-0	86
5			Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021623.D
Acq On : 23 Dec 2021 19:53
Operator : SY/VA
Sample : M5125-14
Misc : 9.69g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
H0AP8

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-ethy...	14.091	1.3	ug/L	21954	3	13.554	420740	25.0
Nonanal	14.323	4.3	ug/L	71702	3	13.554	420740	25.0
3-Phenylbut-1-ene	14.804	1.7	ug/L	28174	3	13.554	420740	25.0