

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040323\
 Data File : VW025554.D
 Acq On : 03 Apr 2023 13:55
 Operator : SY/MD
 Sample : 02151-07RE
 Misc : 5.89g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C11B0RE

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\SFAMWLM040323SMA.M
 Title : SFAM01.0

Signal : TIC: VW025554.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	72	78	91	rVB	183816	449758	15.52%	2.808%
2	2.899	158	166	180	rBV	134742	388686	13.41%	2.427%
3	3.393	239	247	254	rBV	19260	46626	1.61%	0.291%
4	3.753	303	306	308	rVV4	1934	2152	0.07%	0.013%
5	3.856	321	323	326	rVB4	2663	2399	0.08%	0.015%
6	4.021	339	350	360	rBV	318464	1010482	34.88%	6.308%
7	4.112	361	365	379	rVB	89113	240881	8.31%	1.504%
8	4.387	405	410	419	rVB3	10203	24961	0.86%	0.156%
9	4.503	427	429	432	rVV4	2089	2643	0.09%	0.017%
10	4.917	485	497	514	rBV3	60466	237023	8.18%	1.480%
11	5.167	537	538	543	rVB5	1352	1830	0.06%	0.011%
12	5.265	552	554	557	rVB4	1681	2073	0.07%	0.013%
13	5.441	576	583	586	rBV9	4229	8344	0.29%	0.052%
14	5.789	633	640	650	rVB3	10930	34773	1.20%	0.217%
15	5.941	653	665	673	rBV4	15249	49771	1.72%	0.311%
16	6.124	692	695	698	rVV5	1878	2424	0.08%	0.015%
17	6.240	713	714	718	rVB4	2397	2302	0.08%	0.014%
18	6.277	718	720	726	rBV7	2406	4350	0.15%	0.027%
19	6.325	726	728	733	rVB6	2520	2998	0.10%	0.019%
20	6.362	733	734	739	rVB5	2119	1871	0.06%	0.012%
21	6.405	739	741	744	rBV4	1899	2442	0.08%	0.015%
22	7.075	842	851	861	rBV	98340	292119	10.08%	1.824%
23	7.392	899	903	905	rBV5	1550	2563	0.09%	0.016%
24	7.490	916	919	921	rBV4	1990	2305	0.08%	0.014%
25	7.648	934	945	957	rBV	515142	1262776	43.58%	7.883%
26	7.837	973	976	978	rBV3	2079	2831	0.10%	0.018%
27	7.904	984	987	989	rBV4	1854	2771	0.10%	0.017%
28	8.032	1004	1008	1009	rBV4	3023	4275	0.15%	0.027%
29	8.142	1024	1026	1027	rBV2	3363	2036	0.07%	0.013%
30	8.276	1038	1048	1067	rBV2	996512	2897399	100.00%	18.088%
31	8.697	1113	1117	1128	rVB2	4950	12636	0.44%	0.079%
32	8.843	1132	1141	1151	rBV	825972	1668153	57.57%	10.414%
33	8.996	1163	1166	1167	rBV3	2375	1966	0.07%	0.012%
34	9.087	1178	1181	1186	rVB6	4494	9027	0.31%	0.056%
35	9.276	1203	1212	1222	rBV	713601	1485833	51.28%	9.276%
36	9.410	1231	1234	1235	rBV3	1913	2289	0.08%	0.014%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040323\
 Data File : VW025554.D
 Acq On : 03 Apr 2023 13:55
 Operator : SY/MD
 Sample : 02151-07RE
 Misc : 5.89g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C11B0RE

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\SFAMWLM040323SMA.M
 Title : SFAM01.0

37	9.593	1261	1264	1266	rVB4	2071	1945	0.07%	0.012%
38	9.685	1277	1279	1283	rBV5	2136	2494	0.09%	0.016%
39	9.831	1299	1303	1304	rBV4	2194	2087	0.07%	0.013%
40	9.892	1311	1313	1317	rVB4	2366	3117	0.11%	0.019%
41	10.032	1327	1336	1344	rBV	220589	402828	13.90%	2.515%
42	10.178	1358	1360	1361	rBV3	2321	2068	0.07%	0.013%
43	10.203	1361	1364	1366	rVV4	2372	3231	0.11%	0.020%
44	10.233	1367	1369	1370	rVV2	2162	1888	0.07%	0.012%
45	10.325	1375	1384	1391	rVV	1039754	1862710	64.29%	11.629%
46	10.380	1391	1393	1404	rVV2	12034	26696	0.92%	0.167%
47	10.489	1408	1411	1418	rVB9	3514	7699	0.27%	0.048%
48	10.575	1420	1425	1437	rVB	91938	169712	5.86%	1.059%
49	10.703	1437	1446	1451	rBV4	6866	15938	0.55%	0.099%
50	10.855	1466	1471	1476	rVB9	2942	6788	0.23%	0.042%
51	10.922	1476	1482	1495	rBV	228056	411452	14.20%	2.569%
52	11.068	1502	1506	1513	rVB9	6721	13420	0.46%	0.084%
53	11.367	1553	1555	1559	rBV5	1663	2220	0.08%	0.014%
54	11.489	1573	1575	1577	rBV3	1836	2178	0.08%	0.014%
55	11.629	1588	1598	1608	rVV	672524	1133154	39.11%	7.074%
56	11.727	1612	1614	1620	rVB7	4544	7429	0.26%	0.046%
57	11.831	1626	1631	1636	rBV8	5751	12811	0.44%	0.080%
58	11.952	1647	1651	1653	rVB5	1895	2333	0.08%	0.015%
59	12.166	1681	1686	1691	rVB8	4607	8539	0.29%	0.053%
60	12.227	1694	1696	1700	rVB5	2121	3061	0.11%	0.019%
61	12.343	1711	1715	1720	rBV8	4144	7406	0.26%	0.046%
62	12.465	1733	1735	1739	rVB5	3719	3675	0.13%	0.023%
63	12.599	1749	1757	1764	rBV4	11909	23243	0.80%	0.145%
64	12.690	1764	1772	1779	rBV	399800	655814	22.63%	4.094%
65	12.879	1801	1803	1804	rVV2	1852	1785	0.06%	0.011%
66	12.940	1808	1813	1817	rVV8	5535	10127	0.35%	0.063%
67	12.977	1817	1819	1822	rVB4	2555	2604	0.09%	0.016%
68	13.025	1825	1827	1832	rVB6	1726	2148	0.07%	0.013%
69	13.117	1837	1842	1847	rVB9	2438	4206	0.15%	0.026%
70	13.245	1855	1863	1866	rBV9	3345	8143	0.28%	0.051%
71	13.391	1885	1887	1892	rVV6	4655	5724	0.20%	0.036%
72	13.464	1894	1899	1907	rBV7	16987	33512	1.16%	0.209%
73	13.556	1907	1914	1925	rVV	208575	355423	12.27%	2.219%
74	13.647	1925	1929	1933	rVB5	4677	6936	0.24%	0.043%
75	13.757	1943	1947	1952	rBV8	3103	4170	0.14%	0.026%
76	13.848	1954	1962	1974	rBV	264312	438440	15.13%	2.737%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040323\
 Data File : VW025554.D
 Acq On : 03 Apr 2023 13:55
 Operator : SY/MD
 Sample : 02151-07RE
 Misc : 5.89g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C11B0RE

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\SFAMWLM040323SMA.M
 Title : SFAM01.0

77	14.062	1992	1997	2004	rVB	21513	33985	1.17%	0.212%
78	14.153	2010	2012	2016	rVB5	2169	1904	0.07%	0.012%
79	14.208	2019	2021	2024	rVB4	2105	1958	0.07%	0.012%
80	14.324	2035	2040	2044	rVV7	6265	10742	0.37%	0.067%
81	14.464	2060	2063	2065	rBV4	1275	1844	0.06%	0.012%
82	14.489	2065	2067	2068	rVV2	2327	1827	0.06%	0.011%
83	14.525	2071	2073	2075	rVV3	2478	2272	0.08%	0.014%
84	14.617	2085	2088	2095	rVB9	5080	11140	0.38%	0.070%
85	14.793	2115	2117	2122	rVB6	1866	2512	0.09%	0.016%
86	15.080	2162	2164	2166	rBV3	2090	2219	0.08%	0.014%
87	15.123	2168	2171	2174	rVB4	3421	4772	0.16%	0.030%
88	15.354	2204	2209	2211	rBV6	4189	6422	0.22%	0.040%
89	15.427	2216	2221	2226	rVV2	19128	36290	1.25%	0.227%
90	15.482	2226	2230	2234	rVV	10341	16474	0.57%	0.103%
91	15.549	2237	2241	2251	rVB	5306	12421	0.43%	0.078%
92	15.787	2273	2280	2281	rBV5	4449	6363	0.22%	0.040%
93	15.958	2304	2308	2312	rVB7	2780	4928	0.17%	0.031%
94	16.220	2345	2351	2352	rBV6	2987	5454	0.19%	0.034%
95	16.250	2354	2356	2358	rVV3	2820	2764	0.10%	0.017%
96	16.311	2365	2366	2370	rVV4	2087	2309	0.08%	0.014%
97	16.476	2389	2393	2398	rBV7	3106	4832	0.17%	0.030%
98	16.525	2399	2401	2404	rVB4	2803	2637	0.09%	0.016%
99	16.555	2404	2406	2408	rBV3	2160	2482	0.09%	0.015%
100	16.616	2414	2416	2419	rBV4	1643	2659	0.09%	0.017%

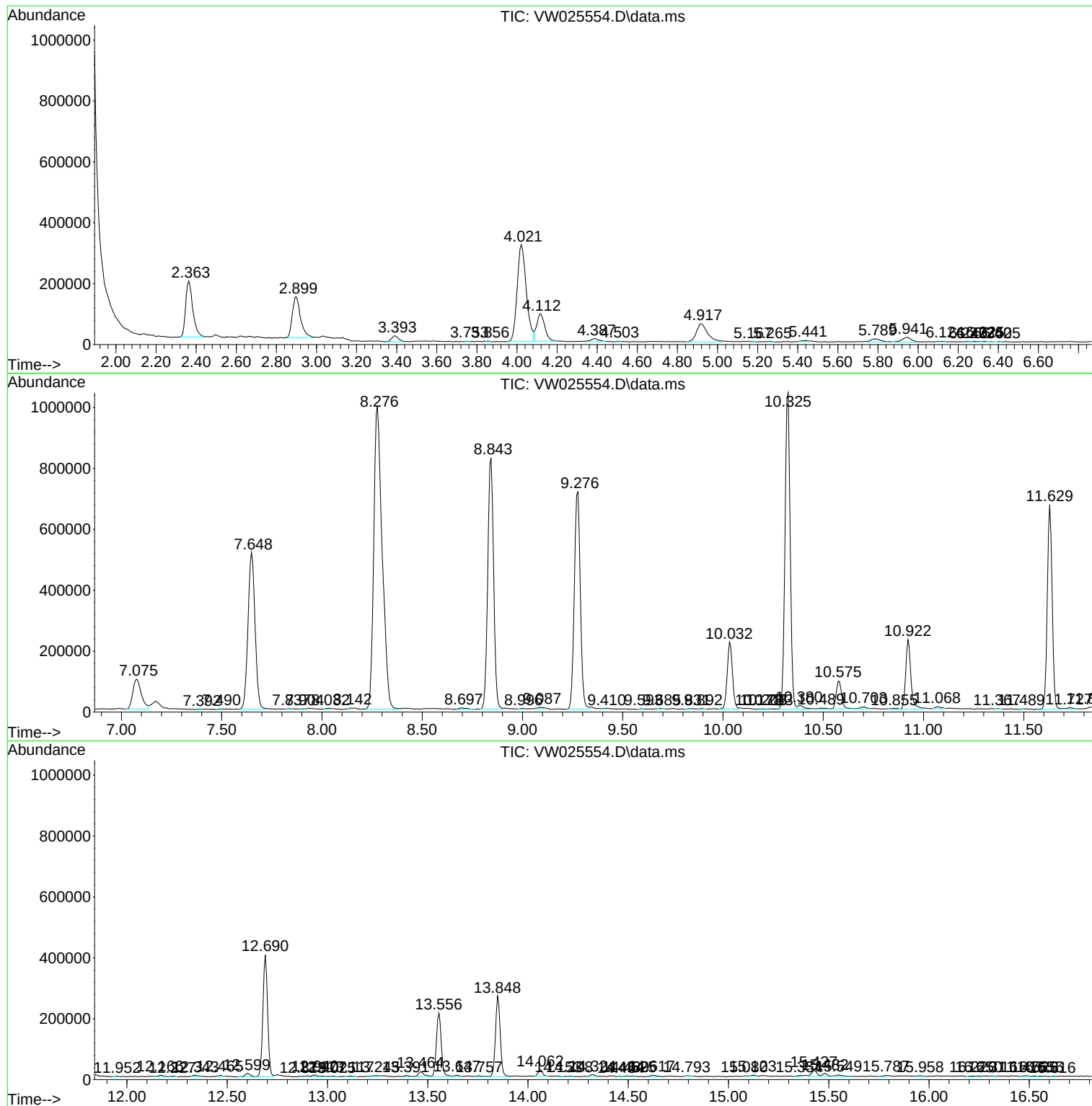
Sum of corrected areas: 16018132

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040323\
Data File : VW025554.D
Acq On : 03 Apr 2023 13:55
Operator : SY/MD
Sample : 02151-07RE
Misc : 5.89g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B0RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040323\
Data File : VW025554.D
Acq On : 03 Apr 2023 13:55
Operator : SY/MD
Sample : 02151-07RE
Misc : 5.89g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B0RE

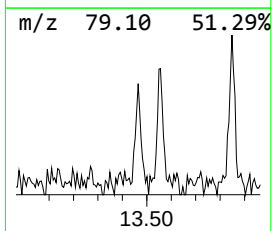
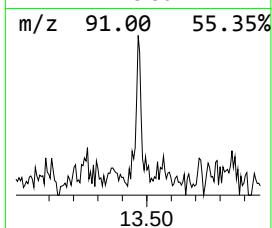
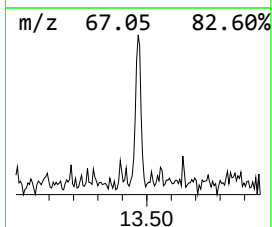
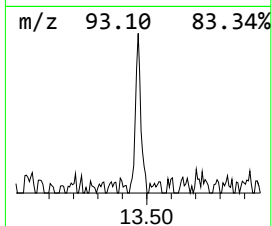
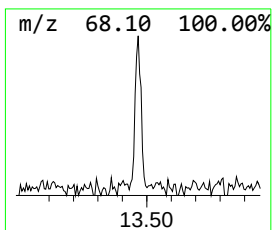
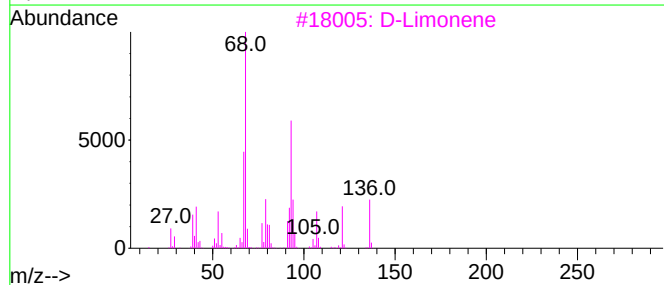
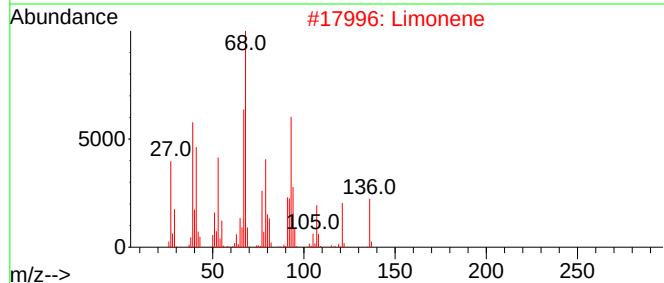
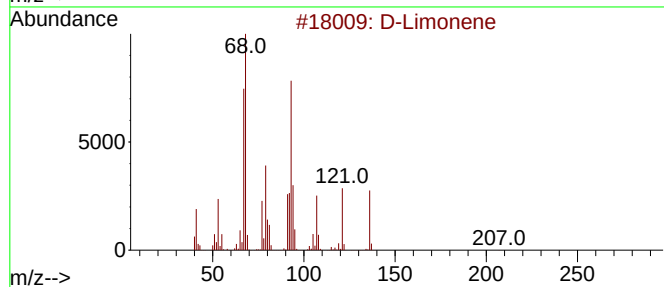
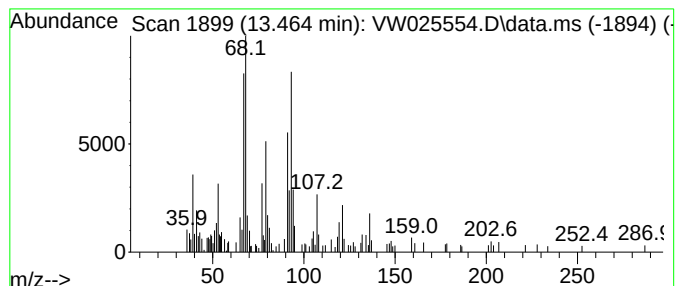
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 D-Limonene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.464	2.36 ug/L	33512	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene			136	C10H16	005989-27-5	97
2	Limonene			136	C10H16	000138-86-3	95
3	D-Limonene			136	C10H16	005989-27-5	93
4	Limonene			136	C10H16	000138-86-3	86
5	Limonene			136	C10H16	000138-86-3	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040323\
Data File : VW025554.D
Acq On : 03 Apr 2023 13:55
Operator : SY/MD
Sample : 02151-07RE
Misc : 5.89g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B0RE

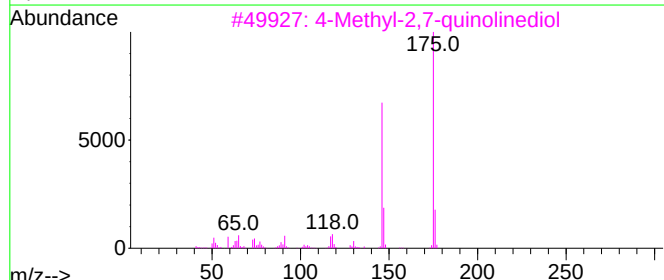
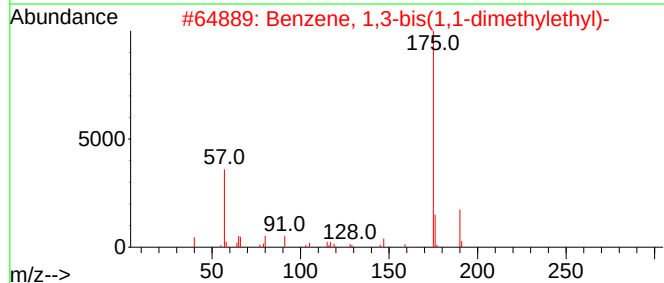
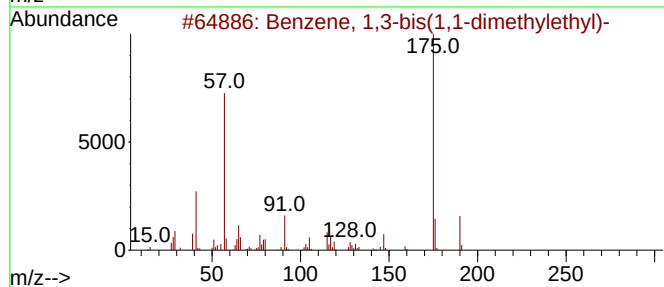
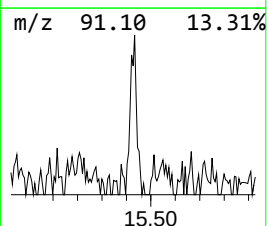
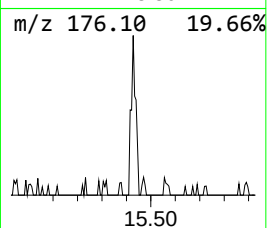
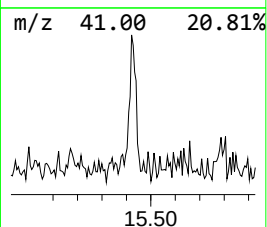
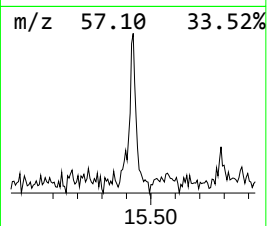
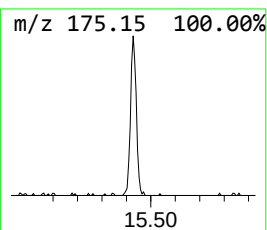
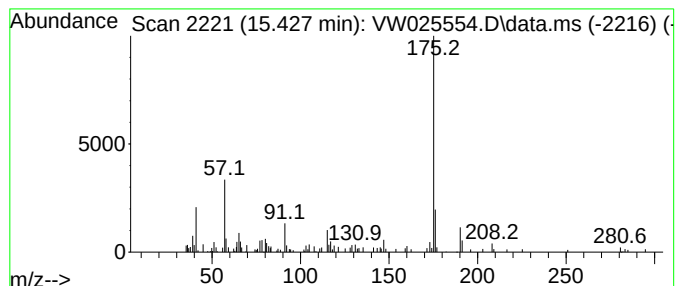
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.428	2.55 ug/L	36290	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	76
2			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	68
3			4-Methyl-2,7-quinolinediol	175	C10H9NO2	020513-71-7	64
4			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	64
5			Isoquinolin-6,7-diol, 1-methyl-	175	C10H9NO2	123438-49-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040323\
Data File : VW025554.D
Acq On : 03 Apr 2023 13:55
Operator : SY/MD
Sample : 02151-07RE
Misc : 5.89g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B0RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.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
D-Limonene	13.464	2.4	ug/L	33512	3	13.556	355423	25.0
Benzene, 1,3-bi...	15.428	2.5	ug/L	36290	3	13.556	355423	25.0