LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031419\
Data File : VW009186.D
Acq On : 14 Mar 2019 22:45
Operator : SY/VA
Sample : K1794-19
Misc : 2.65G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5P6

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\SOM2WLM031419S.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.361	69	75	85	rBV	88378	199012	14.09%	1.676%
2	2.892	156	162	175	rVB	85121	224441	15.89%	1.890%
3	3.812	311	313	315	rBV3	1395	1223	0.09%	0.010%
4	3.867	318	322	323	rVV4	1599	2286	0.16%	0.019%
5	4.019	333	347	360	rBV	166148	559647	39.62%	4.713%
6	4.196	370	376	385	rVB2	21971	54394	3.85%	0.458%
7	4.623	443	446	449	rBV4	1064	1465	0.10%	0.012%
8	4.702	457	459	462	rVB3	1205	1214	0.09%	0.010%
9	4.916	481	494	504	rBV5	12826	52451	3.71%	0.442%
10	5.141	529	531	534	rBV2	1162	1604	0.11%	0.014%
11	5.568	596	601	603	rBV4	862	1520	0.11%	0.013%
12	5.757	628	632	633	rBV2	1388	1548	0.11%	0.013%
13	5.934	651	661	672	rBV5	7628	24086	1.71%	0.203%
14	6.074	680	684	688	rBV4	1969	2356	0.17%	0.020%
15	6.117	688	691	692	rBV3	1165	1103	0.08%	0.009%
16	6.397	735	737	739	rBV3	1220	1179	0.08%	0.010%
17	6.555	762	763	766	rBV3	1192	1290	0.09%	0.011%
18	6.623	772	774	778	rVB2	1470	1641	0.12%	0.014%
19	6.659	778	780	784	rBV5	1429	1969	0.14%	0.017%
20	7.074	841	848	854	rBV	39254	103972	7.36%	0.876%
21	7.470	909	913	915	rVV3	985	1221	0.09%	0.010%
22	7.513	917	920	921	rBV3	1137	1224	0.09%	0.010%
23	7.525	921	922	927	rVB4	2049	1810	0.13%	0.015%
24	7.647	931	942	956	rVB	240225	612528	43.37%	5.158%
25	7.775	960	963	967	rVB5	1463	2117	0.15%	0.018%
26	7.988	995	998	1000	rBV3	738	1096	0.08%	0.009%
27	8.043	1005	1007	1012	rBV4	1011	1241	0.09%	0.010%
28	8.086	1012	1014	1017	rVB3	1140	1390	0.10%	0.012%
29	8.275	1034	1045	1061	rVV2	464697	1412484	100.00%	11.895%
30	8.531	1086	1087	1090	rBV3	1497	1685	0.12%	0.014%
31	8.653	1106	1107	1110	rVV3	895	1110	0.08%	0.009%
32	8.708	1110	1116	1120	rVB6	2657	5653	0.40%	0.048%
33	8.842	1126	1138	1149	rBV	501168	993762	70.36%	8.369%
34	9.031	1166	1169	1170	rBV3	1580	1441	0.10%	0.012%

LSC Area Percent Report

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Acq On : 14 Mar 2019 22:45
Operator : SY/VA
Sample : K1794-19
Misc : 2.65G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5P6

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\SOM2WLM031419S.M
Title : VOC Analysis

35	9.122	1181	1184	1185	rBV2	1097	1237	0.09%	0.010%
36	9.274	1200	1209	1218	rBV	322435	655619	46.42%	5.521%
37	9.494	1243	1245	1248	rVV4	1222	1353	0.10%	0.011%
38	9.701	1277	1279	1282	rBV3	1092	1700	0.12%	0.014%
39	9.793	1290	1294	1298	rVB6	991	1492	0.11%	0.013%
40	9.878	1306	1308	1310	rBV3	1389	1418	0.10%	0.012%
41	10.030	1326	1333	1343	rBV	153966	275852	19.53%	2.323%
42	10.134	1343	1350	1352	rBV5	5242	9116	0.65%	0.077%
43	10.323	1371	1381	1388	rBV	634669	1114459	78.90%	9.385%
44	10.579	1416	1423	1431	rVB	103961	182670	12.93%	1.538%
45	10.707	1437	1444	1451	rVB3	22835	41803	2.96%	0.352%
46	10.793	1454	1458	1462	rBV6	2721	6101	0.43%	0.051%
47	10.927	1473	1480	1490	rBV	159000	311765	22.07%	2.625%
48	11.067	1497	1503	1509	rBV2	30067	52127	3.69%	0.439%
49	11.280	1536	1538	1539	rBV	2552	1714	0.12%	0.014%
50	11.439	1560	1564	1570	rVB2	22111	36358	2.57%	0.306%
51	11.628	1588	1595	1607	rVB	683360	1163964	82.41%	9.802%
52	11.841	1624	1630	1633	rBV7	3954	7096	0.50%	0.060%
53	12.012	1656	1658	1660	rBV3	1735	1560	0.11%	0.013%
54	12.079	1667	1669	1670	rVB	1939	1307	0.09%	0.011%
55	12.097	1670	1672	1675	rBV4	1021	1349	0.10%	0.011%
56	12.140	1675	1679	1680	rVV3	1998	2018	0.14%	0.017%
57	12.164	1681	1683	1687	rVV5	2108	2974	0.21%	0.025%
58	12.512	1739	1740	1745	rVB3	1136	1338	0.09%	0.011%
59	12.609	1750	1756	1762	rVB	25251	42186	2.99%	0.355%
60	12.695	1762	1770	1779	rBV	247585	426335	30.18%	3.590%
61	12.774	1782	1783	1787	rVB3	1412	1726	0.12%	0.015%
62	12.810	1787	1789	1792	rBV2	1447	1505	0.11%	0.013%
63	12.938	1802	1810	1815	rBV6	5765	11588	0.82%	0.098%
64	13.012	1820	1822	1825	rVB3	983	1130	0.08%	0.010%
65	13.042	1825	1827	1829	rVB3	1203	1285	0.09%	0.011%
66	13.067	1829	1831	1833	rBV2	1493	1614	0.11%	0.014%
67	13.213	1848	1855	1861	rBV8	7895	16059	1.14%	0.135%
68	13.298	1863	1869	1875	rVB7	7690	15341	1.09%	0.129%
69	13.402	1882	1886	1890	rBV6	1763	3504	0.25%	0.030%
70	13.469	1894	1897	1899	rVB4	1273	1514	0.11%	0.013%
71	13.487	1899	1900	1904	rBV4	1390	1871	0.13%	0.016%

LSC Area Percent Report

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Sample : K1794-19
Misc : 2.65G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5P6

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\SOM2WLM031419S.M
Title : VOC Analysis

72	13.560	1905	1912	1925	rVB	573624	921987	65.27%	7.764%
73	13.755	1939	1944	1945	rBV3	1578	2016	0.14%	0.017%
74	13.853	1953	1960	1967	rBV	469062	765648	54.21%	6.448%
75	13.938	1973	1974	1977	rBV3	1389	1572	0.11%	0.013%
76	14.024	1984	1988	1990	rBV5	1616	2252	0.16%	0.019%
77	14.072	1990	1996	2004	rVB3	8975	18979	1.34%	0.160%
78	14.200	2015	2017	2019	rBV2	2338	2722	0.19%	0.023%
79	14.310	2030	2035	2036	rBV4	1992	2892	0.20%	0.024%
80	14.365	2042	2044	2047	rVB3	1939	2365	0.17%	0.020%
81	14.420	2047	2053	2055	rBV5	1468	2648	0.19%	0.022%
82	14.524	2066	2070	2074	rBV7	1555	2949	0.21%	0.025%
83	14.652	2083	2091	2098	rBV6	15286	32902	2.33%	0.277%
84	14.725	2100	2103	2108	rVB6	2439	3833	0.27%	0.032%
85	15.316	2197	2200	2204	rBV6	3423	5042	0.36%	0.042%
86	15.359	2204	2207	2211	rBV5	2048	3339	0.24%	0.028%
87	15.401	2211	2214	2216	rVV3	2206	2549	0.18%	0.021%
88	15.444	2219	2221	2226	rVB3	8309	10168	0.72%	0.086%
89	15.487	2226	2228	2232	rBV3	2138	3821	0.27%	0.032%
90	15.542	2235	2237	2239	rBV3	1918	1649	0.12%	0.014%
91	15.597	2242	2246	2247	rBV3	1280	1169	0.08%	0.010%
92	15.651	2250	2255	2257	rBV6	2359	4083	0.29%	0.034%
93	15.804	2278	2280	2282	rVV3	1760	1589	0.11%	0.013%
94	15.846	2285	2287	2293	rBV6	1553	2423	0.17%	0.020%
95	15.975	2304	2308	2311	rVV4	1327	1891	0.13%	0.016%
96	16.127	2330	2333	2335	rBV4	1141	1291	0.09%	0.011%
97	16.255	2345	2354	2355	rBV2	186258	317696	22.49%	2.675%
98	16.285	2355	2359	2372	rVB	339146	655583	46.41%	5.521%
99	16.438	2380	2384	2392	rVB6	11968	25751	1.82%	0.217%
100	16.633	2408	2416	2422	rBV2	192738	395004	27.97%	3.326%

Sum of corrected areas: 11875024

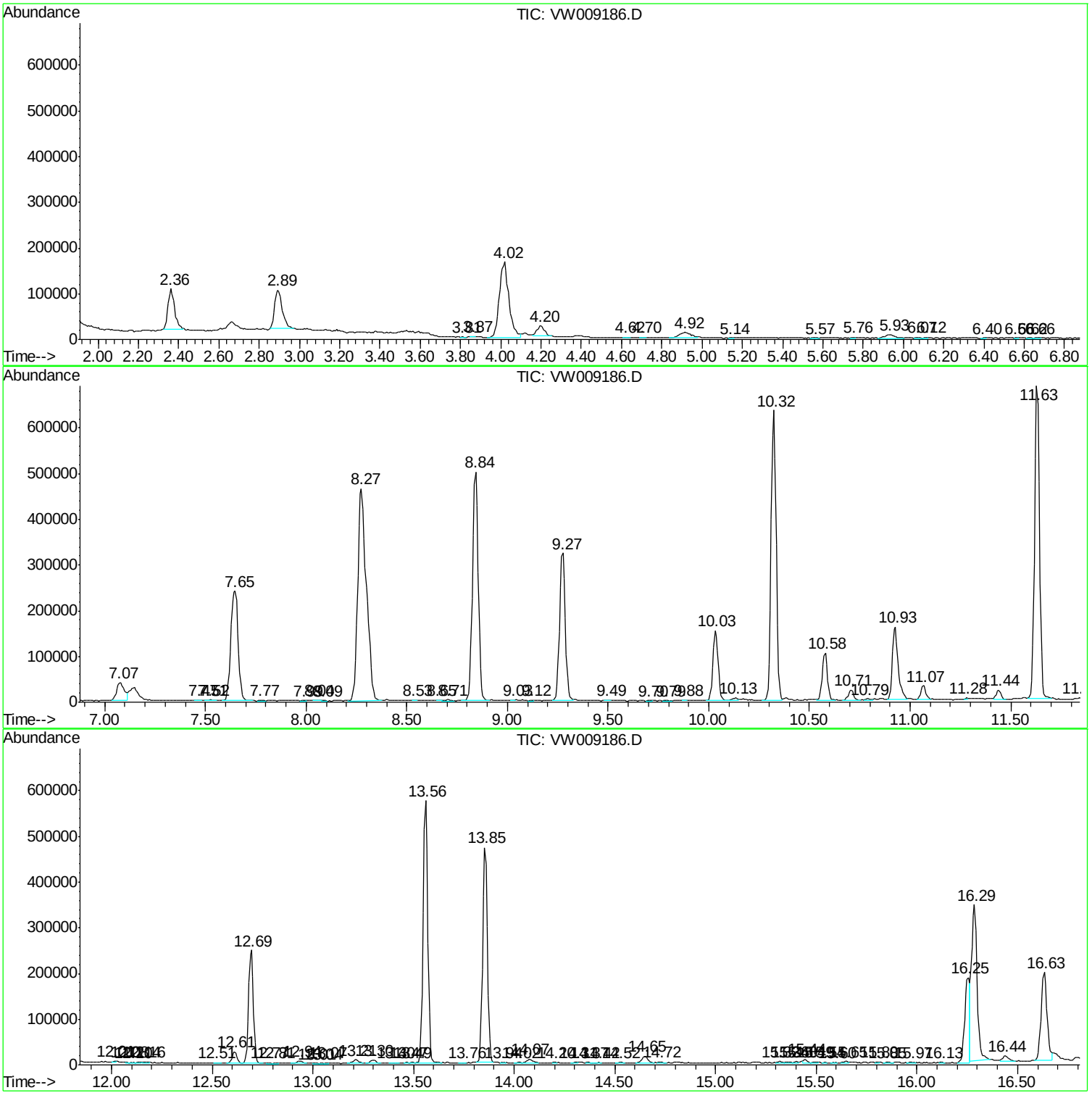
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW031419\
Data File : VW009186.D
Acq On : 14 Mar 2019 22:45
Operator : SY/VA
Sample : K1794-19
Misc : 2.65G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5P6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW031419\
Data File : VW009186.D
Acq On : 14 Mar 2019 22:45
Operator : SY/VA
Sample : K1794-19
Misc : 2.65G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5P6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

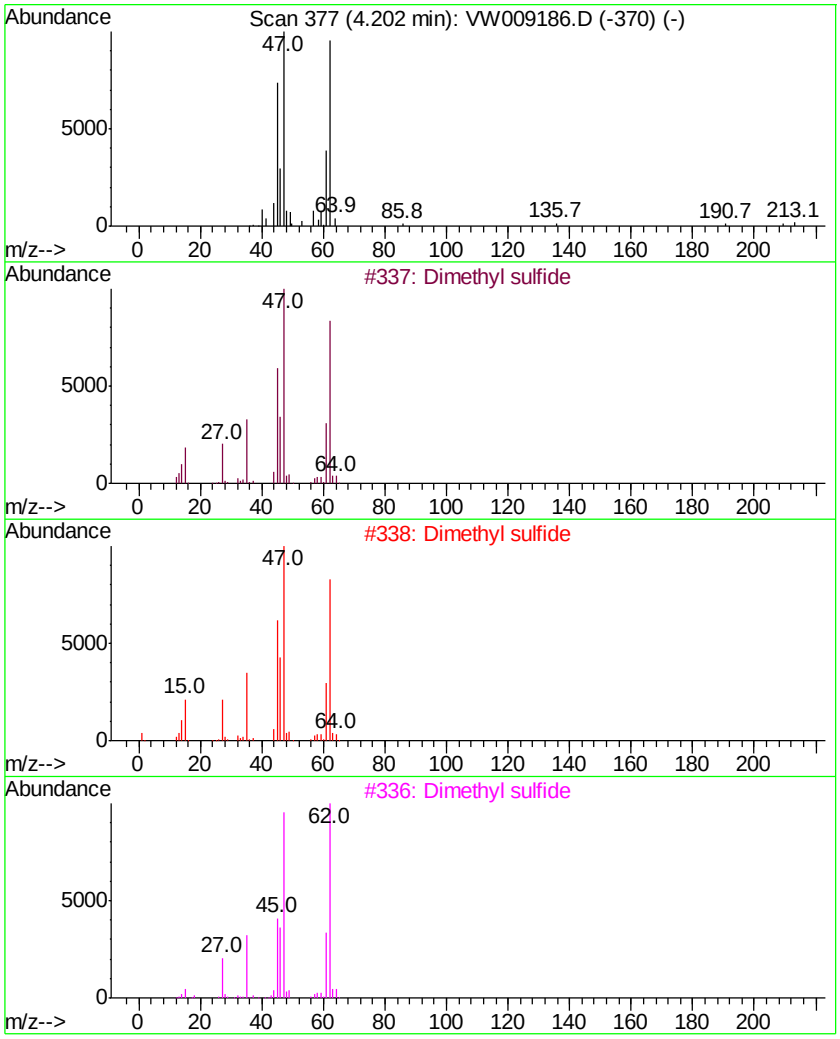
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

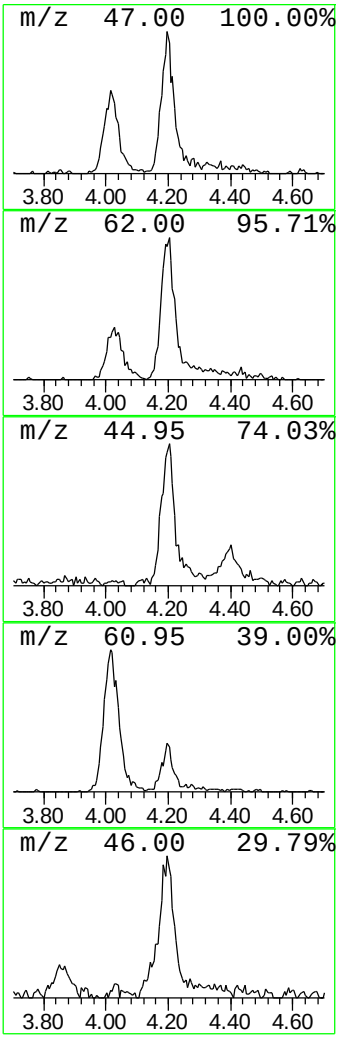
****

Peak Number 1 Dimethyl sulfide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.20	1.37 ug/L	54394	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl sulfide	62	C2H6S	000075-18-3	95
2	Dimethyl sulfide	62	C2H6S	000075-18-3	91
3	Dimethyl sulfide	62	C2H6S	000075-18-3	91
4	Dimethyl sulfide	62	C2H6S	000075-18-3	91
5	Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	74





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW031419\
Data File : VW009186.D
Acq On : 14 Mar 2019 22:45
Operator : SY/VA
Sample : K1794-19
Misc : 2.65G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5P6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

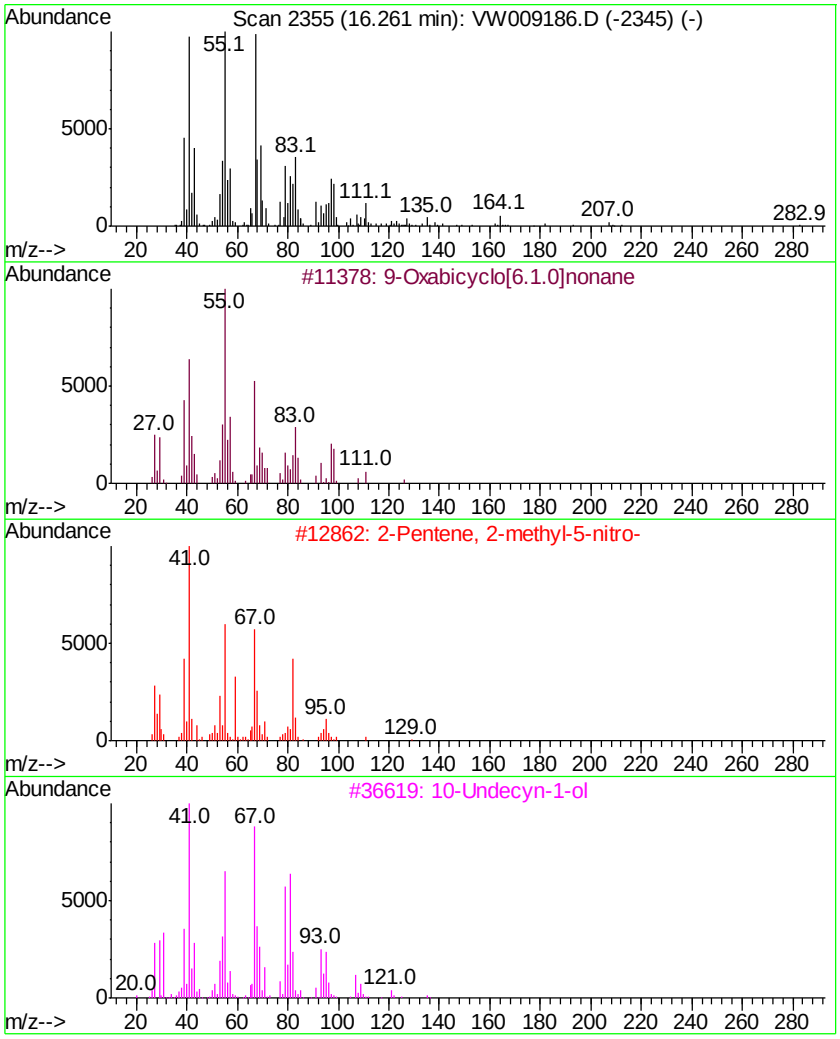
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

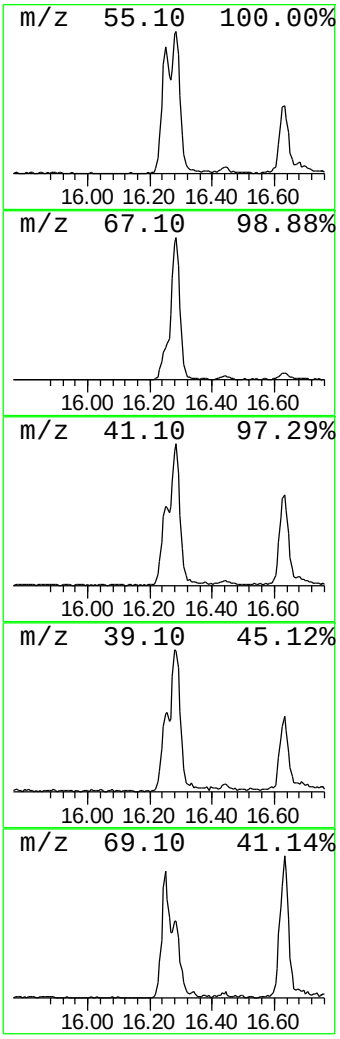
****

Peak Number 3 9-Oxabicyclo[6.1.0]nonane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	8.61 ug/L	317696	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Oxabicyclo[6.1.0]nonane	126	C8H14O	000286-62-4	55
2	2-Pentene, 2-methyl-5-nitro-	129	C6H11NO2	040244-93-7	49
3	10-Undecyn-1-ol	168	C11H20O	002774-84-7	46
4	4-Chloro-3-n-butyltetrahydropyran	176	C9H17ClO	035952-06-8	46
5	13-Oxabicyclo[10.1.0]tridecane	182	C12H22O	000286-99-7	46





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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5P6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

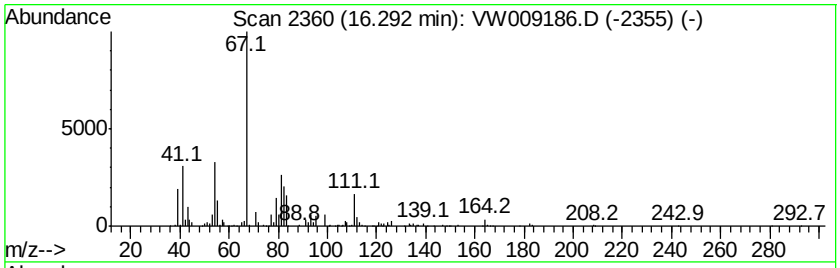
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

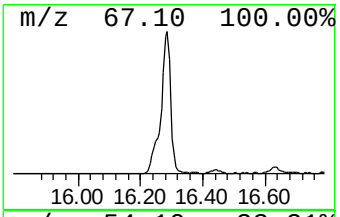
****

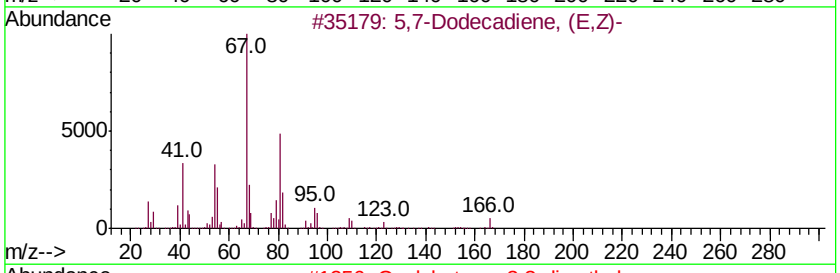
Peak Number 4 5,7-Dodecadiene, (E,Z)- Concentration Rank 1

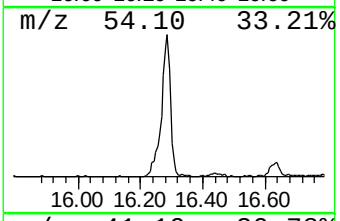
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	17.78 ug/L	655583	1,4-Dichlorobenzene-d4	13.56

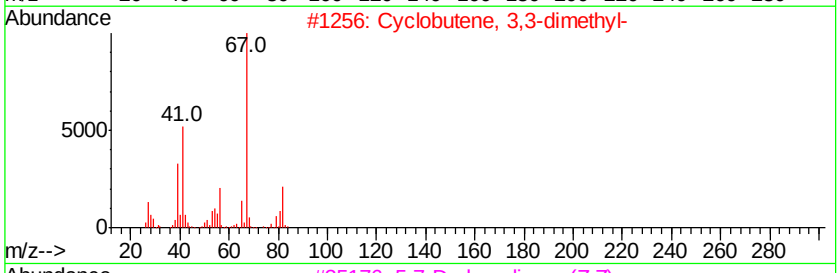
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,7-Dodecadiene, (E,Z)-	166	C12H22	021293-04-9	50
2	Cyclobutene, 3,3-dimethyl-	82	C6H10	016327-38-1	47
3	5,7-Dodecadiene, (Z,Z)-	166	C12H22	006108-62-9	45
4	Cyclopentene, 1-(3-methylbutyl)-	138	C10H18	037689-15-9	40
5	Cyclopentene, 1-octyl-	180	C13H24	052315-44-3	40

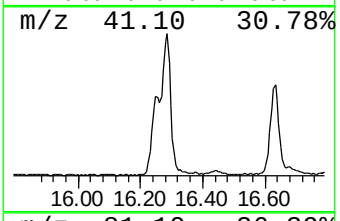


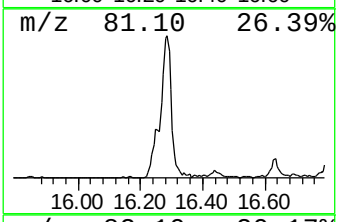


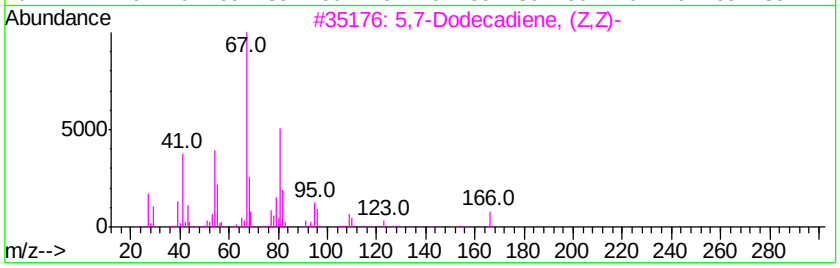


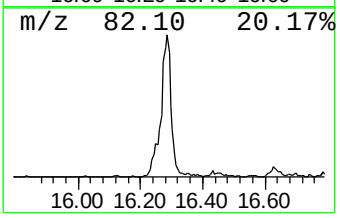












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW031419\
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Acq On : 14 Mar 2019 22:45
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5P6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

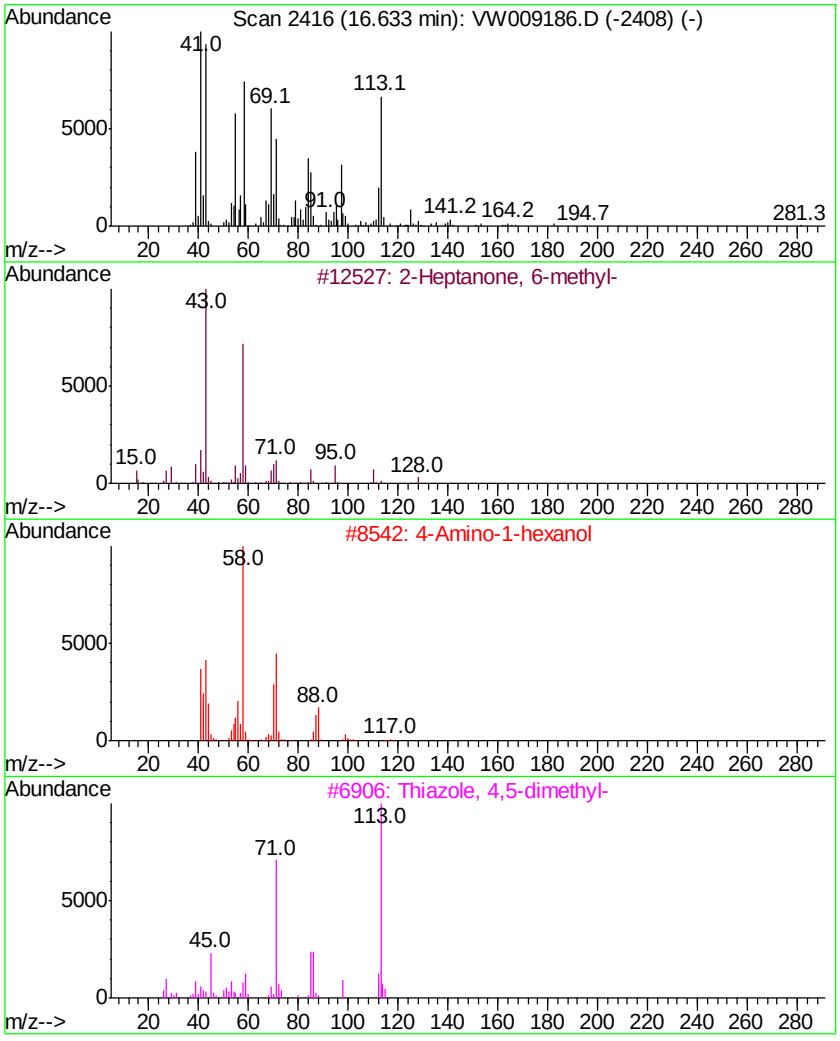
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

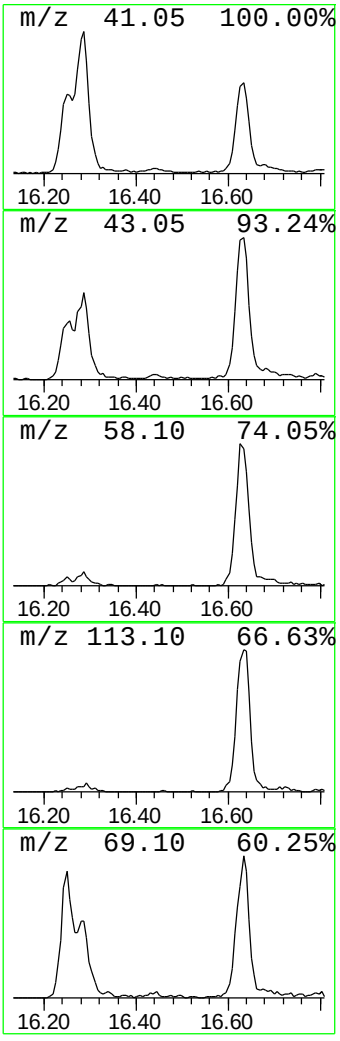
****

Peak Number 5 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	10.71 ug/L	395004	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	35
2	4-Amino-1-hexanol	117	C6H15NO	344240-78-4	35
3	Thiazole, 4,5-dimethyl-	113	C5H7NS	003581-91-7	27
4	N-[3-Methylaminopropyl]aziridine	114	C6H14N2	1000256-18-9	27
5	Thiazole, 4,5-dimethyl-	113	C5H7NS	003581-91-7	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW031419\
Data File : VW009186.D
Acq On : 14 Mar 2019 22:45
Operator : SY/VA
Sample : K1794-19
Misc : 2.65G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5P6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Dimethyl sulfide	4.20	1.4	ug/L	54394	1	8.84	993762	25.0
9-Oxabicyclo[6.1....	16.26	8.6	ug/L	317696	3	13.56	921987	25.0
5,7-Dodecadiene, ...	16.29	17.8	ug/L	655583	3	13.56	921987	25.0
unknown-01	16.63	10.7	ug/L	395004	3	13.56	921987	25.0