LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
Data File : VW009522.D
Acq On : 28 Mar 2019 01:55
Operator : SY/VA
Sample : K2068-18
Misc : 5.13G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5M4

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	2.355	69	74	84	rVB	50932	105857	10.73%	1.704%
2	4.013	335	346	358	rBV	84768	296572	30.05%	4.774%
3	4.196	370	376	388	rVB2	57582	149011	15.10%	2.399%
4	5.098	522	524	525	rBV	872	857	0.09%	0.014%
5	5.184	536	538	539	rBV2	1450	1050	0.11%	0.017%
6	5.391	570	572	576	rBV3	900	1121	0.11%	0.018%
7	5.598	604	606	608	rBV3	1436	899	0.09%	0.014%
8	5.860	647	649	650	rBV2	1674	1377	0.14%	0.022%
9	5.927	650	660	670	rVV8	11147	37246	3.77%	0.600%
10	6.439	742	744	747	rBV	926	1053	0.11%	0.017%
11	6.549	761	762	766	rBV2	1061	1448	0.15%	0.023%
12	6.580	766	767	770	rBV3	1480	1530	0.16%	0.025%
13	6.683	782	784	787	rVV3	1038	1152	0.12%	0.019%
14	6.732	790	792	796	rVB2	1073	1310	0.13%	0.021%
15	6.982	828	833	834	rBV4	1223	1962	0.20%	0.032%
16	7.086	842	850	851	rBV4	12833	25394	2.57%	0.409%
17	7.317	887	888	891	rBV3	1084	1154	0.12%	0.019%
18	7.372	894	897	898	rBV2	1439	1558	0.16%	0.025%
19	7.421	901	905	907	rBV5	1205	1896	0.19%	0.031%
20	7.458	909	911	912	rBV2	1450	1020	0.10%	0.016%
21	7.640	932	941	955	rVB	201624	499084	50.58%	8.034%
22	7.732	955	956	958	rBV	1300	826	0.08%	0.013%
23	7.775	962	963	965	rVB2	1499	889	0.09%	0.014%
24	7.915	984	986	988	rBV2	793	953	0.10%	0.015%
25	8.018	1001	1003	1006	rVV4	1496	1404	0.14%	0.023%
26	8.128	1020	1021	1025	rVB	1261	938	0.10%	0.015%
27	8.165	1025	1027	1028	rBV	1528	878	0.09%	0.014%
28	8.274	1034	1045	1058	rBV2	309372	986809	100.00%	15.886%
29	8.396	1063	1065	1068	rVV4	1574	1793	0.18%	0.029%
30	8.445	1071	1073	1076	rVB3	1710	1353	0.14%	0.022%
31	8.476	1076	1078	1082	rBV3	1425	2068	0.21%	0.033%
32	8.683	1110	1112	1113	rBV	1595	1302	0.13%	0.021%
33	8.841	1129	1138	1148	rBV	372880	726943	73.67%	11.702%
34	9.274	1200	1209	1220	rBV	241146	514202	52.11%	8.278%

LSC Area Percent Report

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Acq On : 28 Mar 2019 01:55
Operator : SY/VA
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Misc : 5.13G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5M4

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	9.445	1236	1237	1241	rVB4	2051	2101	0.21%	0.034%
36	9.476	1241	1242	1245	rBV2	1207	1059	0.11%	0.017%
37	9.561	1254	1256	1259	rVB2	2043	2239	0.23%	0.036%
38	9.597	1259	1262	1263	rBV2	1171	1481	0.15%	0.024%
39	9.652	1268	1271	1272	rBV2	1648	1416	0.14%	0.023%
40	9.756	1284	1288	1289	rBV2	2053	2524	0.26%	0.041%
41	9.823	1297	1299	1302	rBV4	1492	1485	0.15%	0.024%
42	10.036	1327	1334	1341	rVV	45237	83949	8.51%	1.351%
43	10.128	1343	1349	1355	rVB3	16198	29214	2.96%	0.470%
44	10.219	1362	1364	1365	rBV	1272	861	0.09%	0.014%
45	10.244	1365	1368	1373	rVB5	3959	5983	0.61%	0.096%
46	10.323	1373	1381	1389	rBV	362081	625227	63.36%	10.065%
47	10.573	1417	1422	1430	rVV	34101	60472	6.13%	0.973%
48	10.658	1434	1436	1439	rBV4	1526	1923	0.19%	0.031%
49	10.951	1475	1484	1492	rBV4	52693	166563	16.88%	2.681%
50	11.250	1531	1533	1534	rBV2	2211	1902	0.19%	0.031%
51	11.628	1589	1595	1604	rVB	418606	715158	72.47%	11.513%
52	12.249	1695	1697	1700	rBV4	1091	1063	0.11%	0.017%
53	12.377	1713	1718	1725	rVB7	3619	7053	0.71%	0.114%
54	12.438	1725	1728	1729	rBV2	1110	844	0.09%	0.014%
55	12.499	1735	1738	1739	rBV3	841	865	0.09%	0.014%
56	12.518	1739	1741	1747	rVB5	3509	5905	0.60%	0.095%
57	12.603	1753	1755	1760	rVB5	5027	7306	0.74%	0.118%
58	12.694	1763	1770	1778	rVB	185342	301566	30.56%	4.855%
59	12.755	1778	1780	1782	rBV2	956	1065	0.11%	0.017%
60	12.902	1801	1804	1807	rBV3	1377	1994	0.20%	0.032%
61	12.993	1817	1819	1820	rBV	1567	1095	0.11%	0.018%
62	13.103	1833	1837	1839	rBV2	967	1300	0.13%	0.021%
63	13.213	1849	1855	1860	rVB8	7166	14273	1.45%	0.230%
64	13.304	1865	1870	1873	rBV7	2616	3476	0.35%	0.056%
65	13.371	1876	1881	1882	rBV4	1126	2176	0.22%	0.035%
66	13.408	1882	1887	1891	rBV7	4526	8002	0.81%	0.129%
67	13.469	1896	1897	1898	rBV	1382	839	0.09%	0.014%
68	13.560	1905	1912	1918	rBV	240218	393568	39.88%	6.336%
69	13.853	1953	1960	1967	rBV	190395	324984	32.93%	5.232%
70	13.981	1980	1981	1984	rVB2	1344	1023	0.10%	0.016%
71	14.054	1990	1993	1994	rBV3	1606	1775	0.18%	0.029%

LSC Area Percent Report

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Operator : SY/VA
Sample : K2068-18
Misc : 5.13G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5M4

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	14.078	1994	1997	2003	rVB4	5295	7665	0.78%	0.123%
73	14.127	2003	2005	2007	rBV3	1441	980	0.10%	0.016%
74	14.432	2052	2055	2057	rBV3	1423	1326	0.13%	0.021%
75	14.505	2066	2067	2070	rBV3	1283	1087	0.11%	0.017%
76	14.615	2082	2085	2088	rBV3	1935	2511	0.25%	0.040%
77	14.767	2108	2110	2111	rBV	1851	1275	0.13%	0.021%
78	14.889	2129	2130	2134	rVV3	1686	1474	0.15%	0.024%
79	15.072	2158	2160	2161	rVB2	1507	848	0.09%	0.014%
80	15.157	2169	2174	2175	rBV3	1319	2148	0.22%	0.035%
81	15.206	2180	2182	2185	rBV3	1049	1647	0.17%	0.027%
82	15.377	2208	2210	2211	rBV2	1675	1260	0.13%	0.020%
83	15.438	2218	2220	2226	rVB3	6876	11720	1.19%	0.189%
84	15.493	2227	2229	2230	rBV2	2154	1606	0.16%	0.026%
85	15.633	2250	2252	2256	rVB2	1477	1458	0.15%	0.023%
86	15.670	2256	2258	2260	rBV3	1173	1083	0.11%	0.017%
87	15.980	2307	2309	2311	rVB3	1524	1274	0.13%	0.021%
88	16.005	2311	2313	2314	rBV2	1475	978	0.10%	0.016%
89	16.060	2320	2322	2325	rBV3	1571	1856	0.19%	0.030%
90	16.145	2334	2336	2339	rBV2	1475	1933	0.20%	0.031%
91	16.267	2354	2356	2359	rVB4	1609	1482	0.15%	0.024%
92	16.297	2359	2361	2362	rBV	1907	1243	0.13%	0.020%
93	16.395	2376	2377	2379	rVB2	1817	1196	0.12%	0.019%
94	16.432	2382	2383	2385	rBV2	1403	940	0.10%	0.015%
95	16.456	2385	2387	2390	rBV3	1112	912	0.09%	0.015%
96	16.486	2390	2392	2395	rVV4	1285	928	0.09%	0.015%
97	16.535	2398	2400	2404	rVB3	1246	1303	0.13%	0.021%
98	16.572	2404	2406	2407	rBV2	1340	1030	0.10%	0.017%
99	16.590	2407	2409	2411	rBV3	1198	1109	0.11%	0.018%
100	16.779	2438	2440	2441	rBV2	1510	1037	0.11%	0.017%

Sum of corrected areas: 6211947

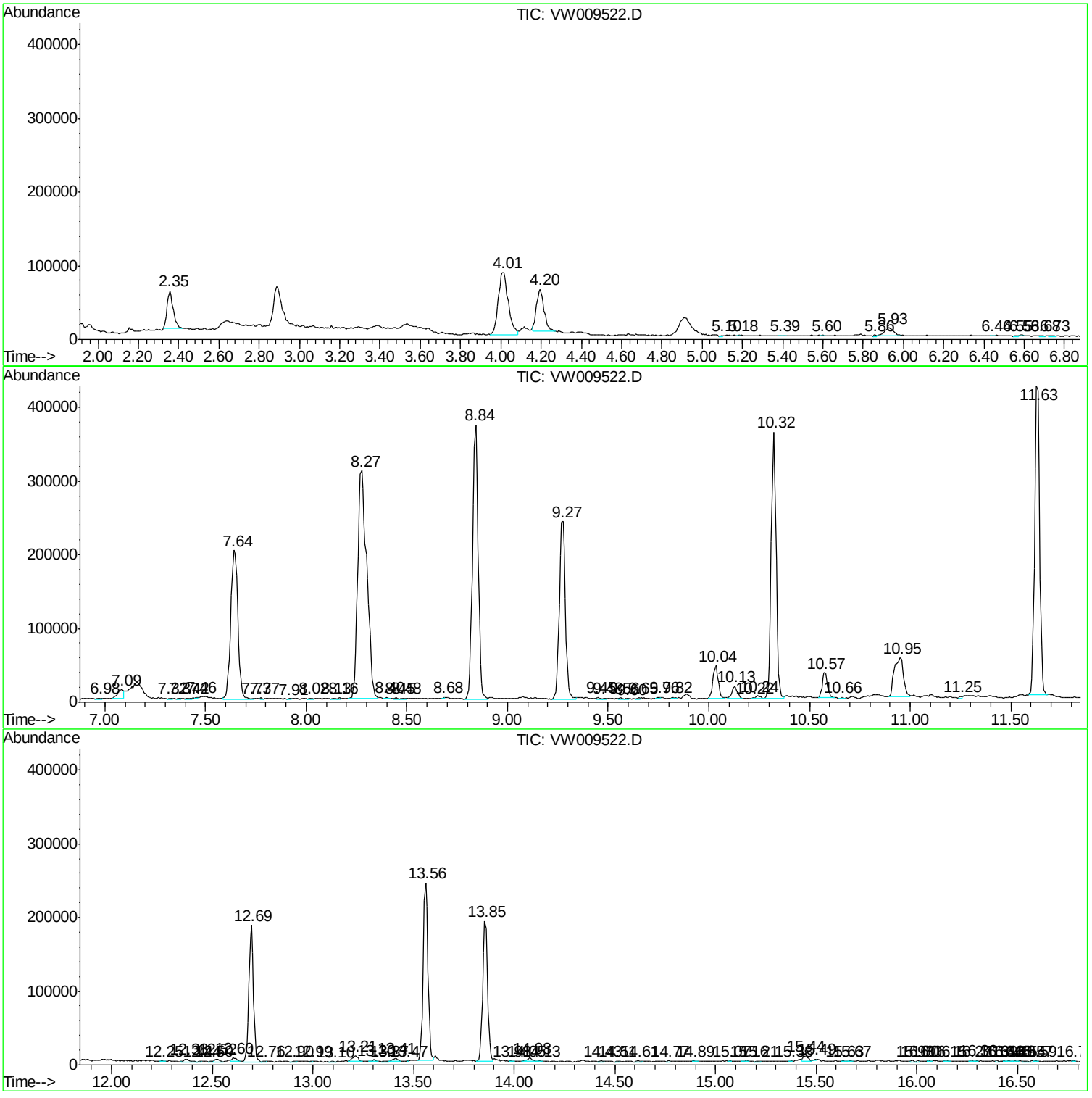
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032719\
Data File : VW009522.D
Acq On : 28 Mar 2019 01:55
Operator : SY/VA
Sample : K2068-18
Misc : 5.13G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5M4

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\VW032719\
Data File : VW009522.D
Acq On : 28 Mar 2019 01:55
Operator : SY/VA
Sample : K2068-18
Misc : 5.13G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5M4

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

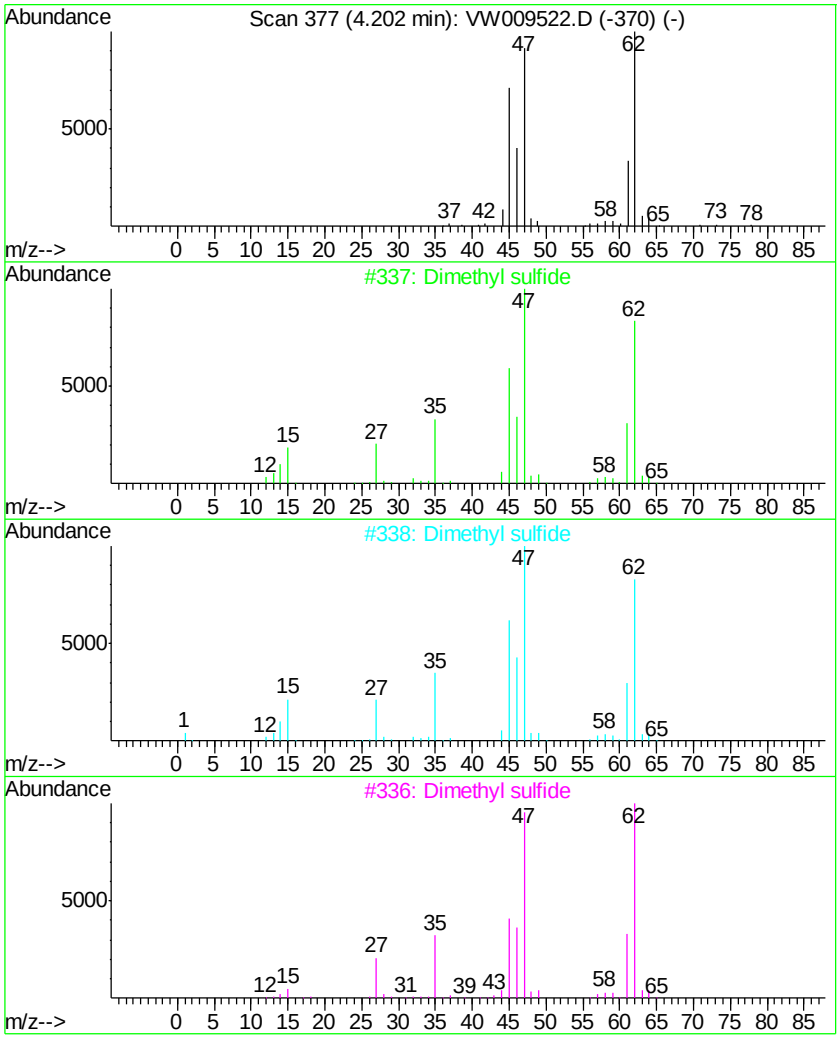
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

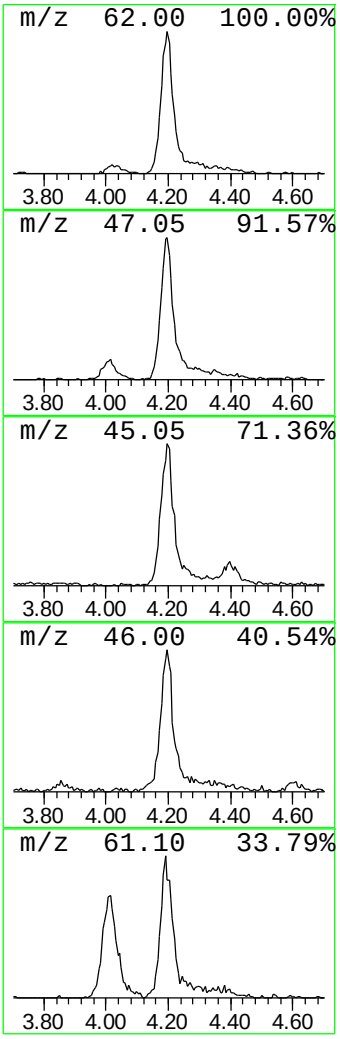
****

Peak Number 1 Dimethyl sulfide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.20	5.12 ug/L	149011	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl sulfide	62	C2H6S	000075-18-3	97
2	Dimethyl sulfide	62	C2H6S	000075-18-3	96
3	Dimethyl sulfide	62	C2H6S	000075-18-3	95
4	Dimethyl sulfide	62	C2H6S	000075-18-3	93
5	Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032719\
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Instrument : MSVOA_W
ClientSampleId : BF5M4

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

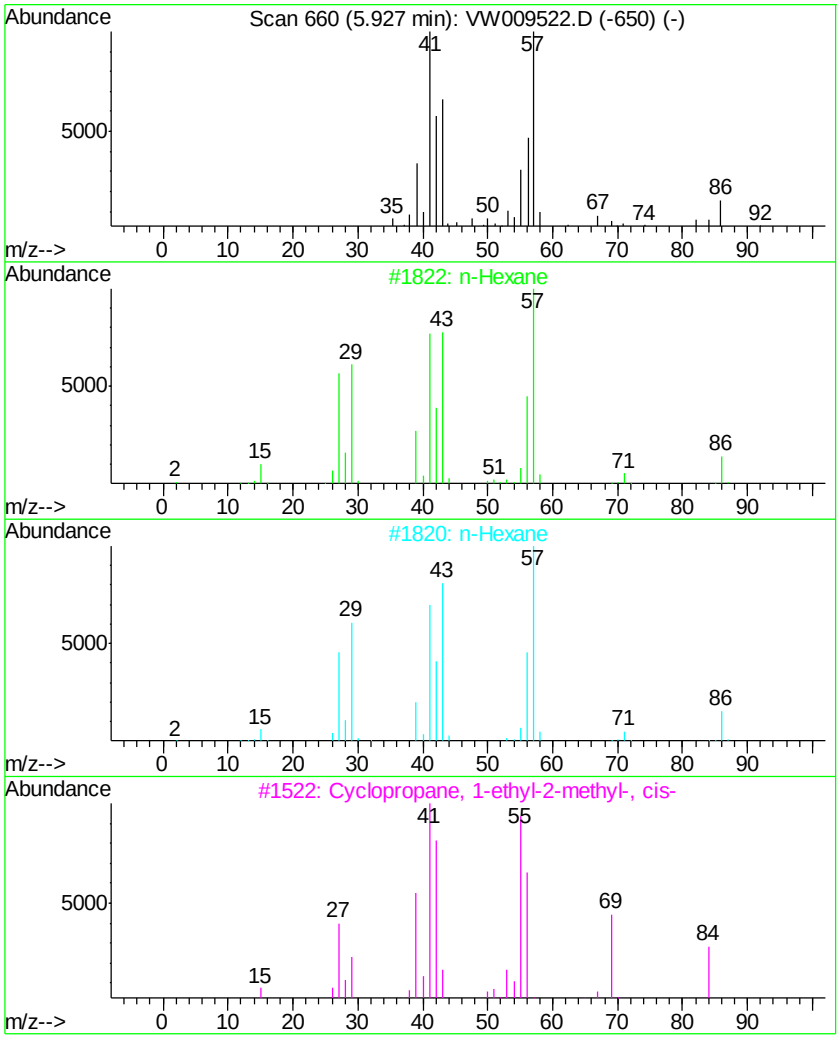
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

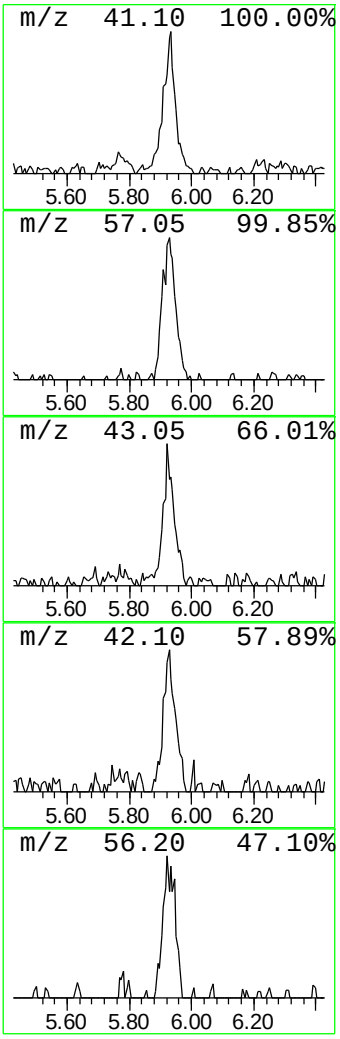
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	1.28 ug/L	37246	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	50
2	n-Hexane	86	C6H14	000110-54-3	50
3	Cyclopropane, 1-ethyl-2-methyl-,...	84	C6H12	019781-68-1	38
4	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	37
5	1-Butene	56	C4H8	000106-98-9	30





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ClientSampleId : BF5M4

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

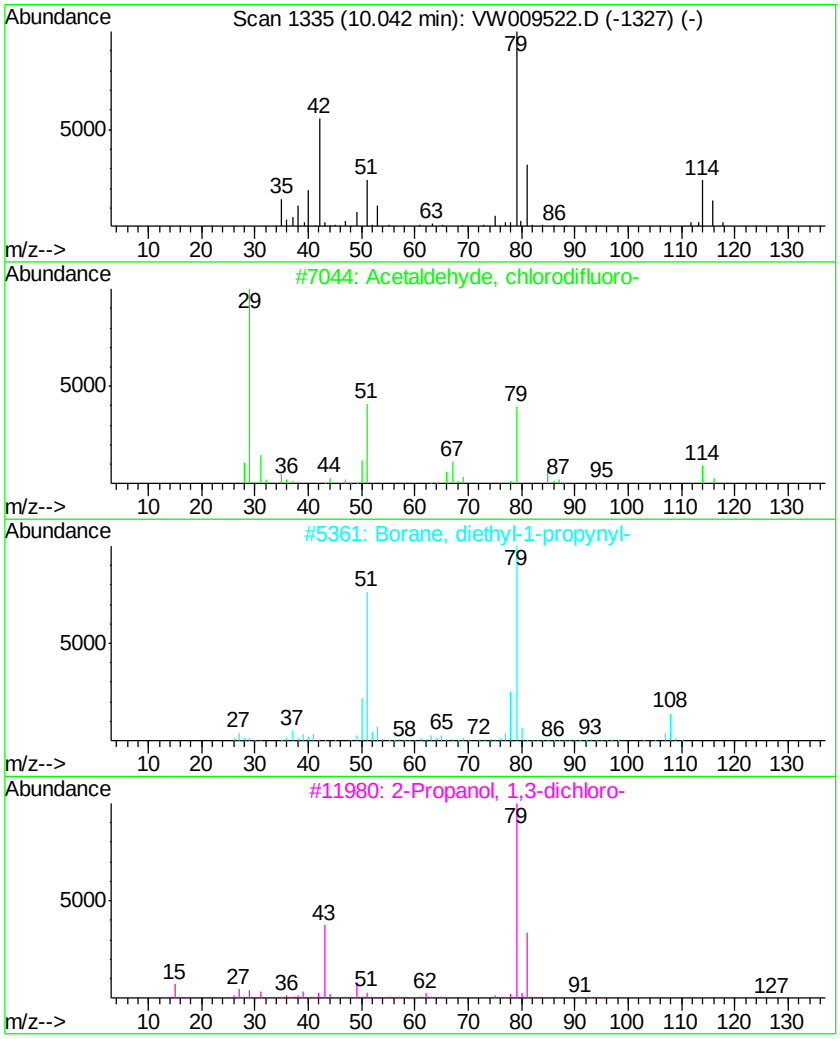
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

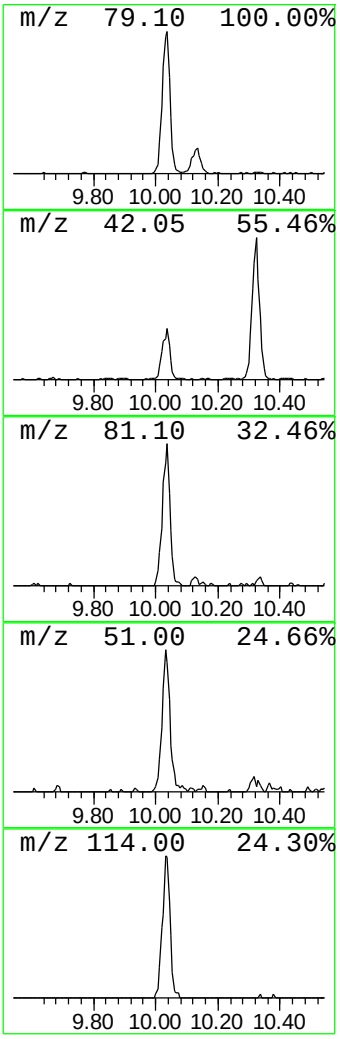
****

Peak Number 3 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	2.89 ug/L	83949	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde, chlorodifluoro-	114	C2HClF2O	000811-96-1	47
2	Borane, diethyl-1-propynyl-	108	C7H13B	022405-32-9	32
3	2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	25
4	Thiophosgene	114	CCl2S	000463-71-8	25
5	2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	17





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032719\
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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	5.1	ug/L	149011	1	8.84	726943	25.0
(DEL) Alkane: Str...	5.93	1.3	ug/L	37246	1	8.84	726943	25.0
unknown-01	10.04	2.9	ug/L	83949	1	8.84	726943	25.0