LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW052218\
Data File : VW002804.D
Acq On : 23 May 2018 00:36
Operator : JC/SY
Sample : J2952-18RE
Misc : 5.19G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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 : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.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	1.751	14	27	28	rBV	6880	13671	0.48%	0.159%
2	1.806	28	36	54	rVV	1298324	2829886	100.00%	32.980%
3	1.959	57	61	67	rVB4	3677	6918	0.24%	0.081%
4	2.166	89	95	100	rBV6	3301	8683	0.31%	0.101%
5	2.215	100	103	106	rVV3	1420	1850	0.07%	0.022%
6	2.343	119	124	134	rVB	64890	120519	4.26%	1.405%
7	2.641	166	173	179	rBV6	8242	21864	0.77%	0.255%
8	2.885	206	213	226	rVB2	41251	115801	4.09%	1.350%
9	3.373	289	293	302	rVB	10989	22518	0.80%	0.262%
10	3.538	312	320	337	rBV	46342	144265	5.10%	1.681%
11	3.910	379	381	382	rVB2	860	599	0.02%	0.007%
12	4.001	384	396	410	rBV	73339	257898	9.11%	3.006%
13	4.196	421	428	447	rVB3	22096	71418	2.52%	0.832%
14	4.409	455	463	466	rBV4	2224	6108	0.22%	0.071%
15	4.537	482	484	487	rBV4	584	604	0.02%	0.007%
16	4.598	490	494	495	rBV2	1161	996	0.04%	0.012%
17	4.659	501	504	505	rBV	1735	1707	0.06%	0.020%
18	4.812	527	529	531	rBV2	610	678	0.02%	0.008%
19	4.915	536	546	547	rBV7	2802	6669	0.24%	0.078%
20	5.074	568	572	573	rVV2	689	589	0.02%	0.007%
21	5.123	575	580	583	rVV5	1043	1970	0.07%	0.023%
22	5.184	587	590	592	rVV3	791	1159	0.04%	0.014%
23	5.208	592	594	597	rVB3	812	720	0.03%	0.008%
24	5.574	650	654	655	rBV4	847	711	0.03%	0.008%
25	5.732	675	680	681	rBV4	711	724	0.03%	0.008%
26	5.781	685	688	691	rBV4	1031	1329	0.05%	0.015%
27	5.927	702	712	723	rVB5	3531	12522	0.44%	0.146%
28	6.007	723	725	728	rBV3	932	802	0.03%	0.009%
29	6.123	740	744	746	rVV2	817	843	0.03%	0.010%
30	6.153	747	749	754	rVB4	396	632	0.02%	0.007%
31	6.220	757	760	761	rVB3	675	587	0.02%	0.007%
32	6.232	761	762	766	rBV2	513	623	0.02%	0.007%
33	6.385	784	787	788	rBV	782	773	0.03%	0.009%
34	6.421	788	793	796	rBV6	960	1707	0.06%	0.020%

LSC Area Percent Report

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Data File : VW002804.D
Acq On : 23 May 2018 00:36
Operator : JC/SY
Sample : J2952-18RE
Misc : 5.19G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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 : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Title : VOC Analysis

35	6.610	821	824	826	rVB3	752	768	0.03%	0.009%
36	6.793	851	854	857	rBV3	347	559	0.02%	0.007%
37	6.860	862	865	867	rVB3	549	616	0.02%	0.007%
38	6.976	881	884	885	rBV2	1017	1001	0.04%	0.012%
39	7.086	894	902	908	rBV	24497	74880	2.65%	0.873%
40	7.433	953	959	960	rBV2	1470	1693	0.06%	0.020%
41	7.647	985	994	1009	rVB	132594	327643	11.58%	3.818%
42	7.811	1017	1021	1022	rBV3	499	660	0.02%	0.008%
43	8.067	1061	1063	1066	rBV	374	574	0.02%	0.007%
44	8.134	1069	1074	1076	rBV5	708	1025	0.04%	0.012%
45	8.281	1088	1098	1115	rVV2	246000	769085	27.18%	8.963%
46	8.403	1116	1118	1124	rVB5	974	1267	0.04%	0.015%
47	8.482	1128	1131	1137	rBV7	592	1246	0.04%	0.015%
48	8.561	1137	1144	1149	rBV5	2457	5178	0.18%	0.060%
49	8.628	1151	1155	1160	rVB7	615	992	0.04%	0.012%
50	8.714	1162	1169	1170	rBV5	1346	2106	0.07%	0.025%
51	8.848	1181	1191	1201	rBV	263157	514906	18.20%	6.001%
52	8.921	1201	1203	1207	rVB4	980	1101	0.04%	0.013%
53	9.049	1219	1224	1228	rBV5	2568	4907	0.17%	0.057%
54	9.085	1228	1230	1236	rVB5	1874	2885	0.10%	0.034%
55	9.146	1238	1240	1242	rBV3	630	566	0.02%	0.007%
56	9.281	1252	1262	1271	rBV	182832	375536	13.27%	4.377%
57	9.439	1281	1288	1299	rVB	7538	15265	0.54%	0.178%
58	9.543	1302	1305	1310	rVB7	643	839	0.03%	0.010%
59	9.598	1310	1314	1315	rBV3	1402	1355	0.05%	0.016%
60	9.671	1324	1326	1328	rVB3	1028	752	0.03%	0.009%
61	9.762	1339	1341	1346	rVV4	985	1256	0.04%	0.015%
62	9.817	1348	1350	1351	rBV2	620	540	0.02%	0.006%
63	9.902	1362	1364	1368	rVB3	1988	2210	0.08%	0.026%
64	10.043	1375	1387	1396	rBV	66788	122150	4.32%	1.424%
65	10.140	1396	1403	1410	rVB3	4612	9919	0.35%	0.116%
66	10.225	1410	1417	1419	rBV5	1979	3601	0.13%	0.042%
67	10.329	1420	1434	1442	rVV	341828	602952	21.31%	7.027%
68	10.390	1442	1444	1450	rVB3	2278	3605	0.13%	0.042%
69	10.512	1457	1464	1468	rBV6	4638	8237	0.29%	0.096%
70	10.585	1470	1476	1485	rVB	50009	86090	3.04%	1.003%
71	10.652	1485	1487	1492	rVB4	852	913	0.03%	0.011%

LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW052218\
Data File : VW002804.D
Acq On : 23 May 2018 00:36
Operator : JC/SY
Sample : J2952-18RE
Misc : 5.19G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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 : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Title : VOC Analysis

72	10.719	1492	1498	1503	rBV2	5019	10383	0.37%	0.121%
73	10.786	1506	1509	1510	rBV3	1628	1408	0.05%	0.016%
74	10.933	1527	1533	1550	rBV3	107196	236054	8.34%	2.751%
75	11.073	1552	1556	1561	rBV2	7831	16286	0.58%	0.190%
76	11.189	1571	1575	1584	rBV10	1876	3933	0.14%	0.046%
77	11.640	1642	1649	1655	rBV	321030	540466	19.10%	6.299%
78	11.786	1671	1673	1674	rBV2	1001	601	0.02%	0.007%
79	12.024	1710	1712	1714	rBV3	1061	939	0.03%	0.011%
80	12.121	1726	1728	1730	rVB3	760	559	0.02%	0.007%
81	12.475	1783	1786	1789	rBV2	2033	2078	0.07%	0.024%
82	12.530	1793	1795	1798	rBV4	786	977	0.03%	0.011%
83	12.560	1798	1800	1802	rBV3	944	1011	0.04%	0.012%
84	12.615	1804	1809	1814	rVV2	6940	14624	0.52%	0.170%
85	12.701	1816	1823	1831	rVB	174622	289507	10.23%	3.374%
86	12.762	1831	1833	1838	rBV6	734	1005	0.04%	0.012%
87	12.944	1859	1863	1869	rBV5	5281	7770	0.27%	0.091%
88	13.042	1876	1879	1883	rVB4	2234	2747	0.10%	0.032%
89	13.085	1883	1886	1891	rBV6	1586	2840	0.10%	0.033%
90	13.133	1891	1894	1895	rBV3	896	945	0.03%	0.011%
91	13.152	1895	1897	1899	rBV2	605	612	0.02%	0.007%
92	13.225	1904	1909	1914	rBV4	12435	19698	0.70%	0.230%
93	13.298	1919	1921	1927	rVB8	5090	8572	0.30%	0.100%
94	13.420	1937	1941	1944	rVB6	1678	2868	0.10%	0.033%
95	13.487	1946	1952	1955	rBV6	1834	3412	0.12%	0.040%
96	13.566	1959	1965	1973	rBV	242832	397551	14.05%	4.633%
97	13.780	1995	2000	2003	rBV7	2261	4035	0.14%	0.047%
98	13.865	2007	2014	2020	rBV	237245	380873	13.46%	4.439%
99	14.085	2047	2050	2058	rVB2	5121	9174	0.32%	0.107%
100	15.456	2271	2275	2281	rBV2	8700	12569	0.44%	0.146%

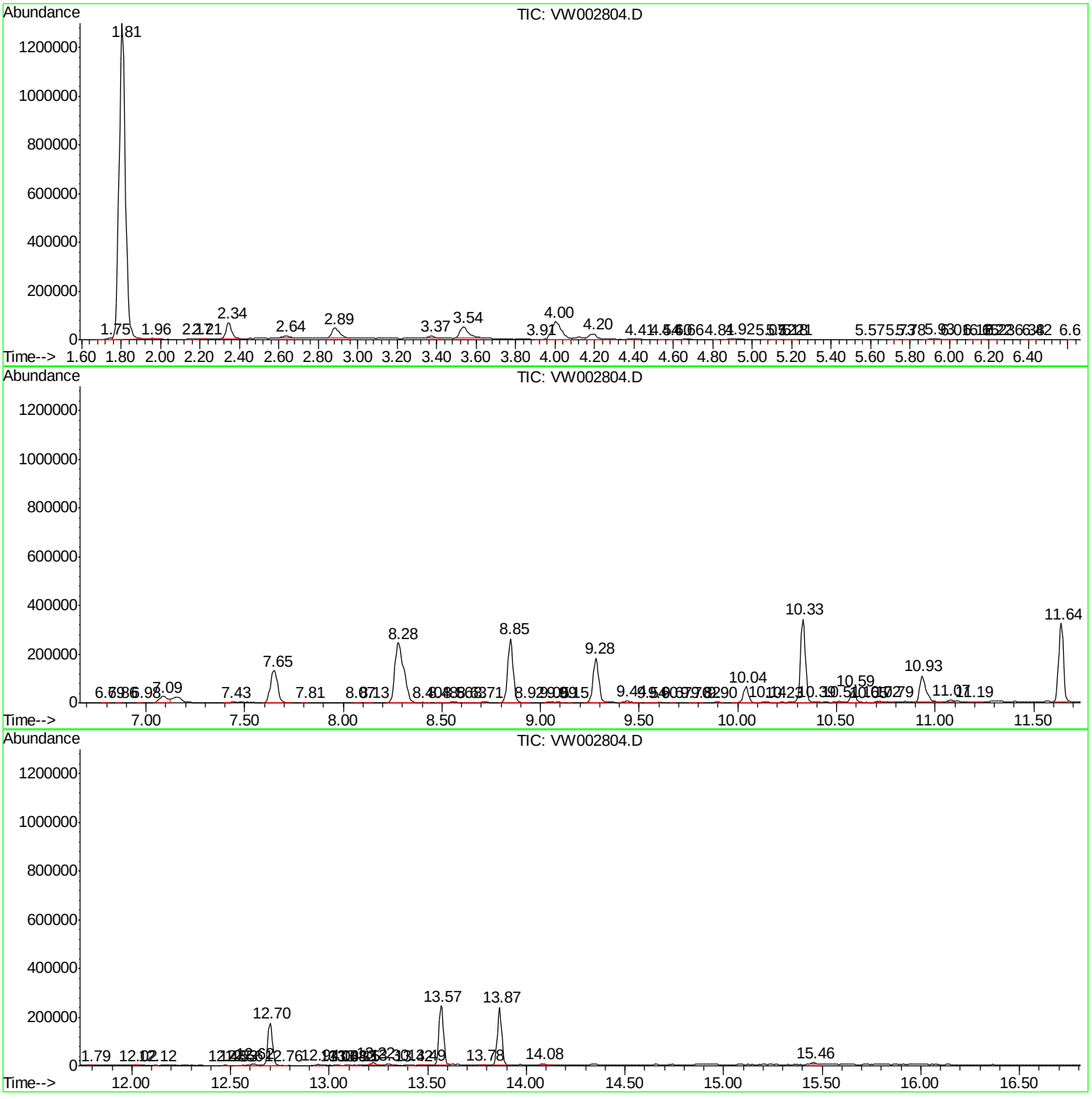
Sum of corrected areas: 8580718

LSC Report - Integrated Chromatogram

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
Data File : VW002804.D
Acq On : 23 May 2018 00:36
Operator : JC/SY
Sample : J2952-18RE
Misc : 5.19G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis

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



Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
Data File : VW002804.D
Acq On : 23 May 2018 00:36
Operator : JC/SY
Sample : J2952-18RE
Misc : 5.19G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis

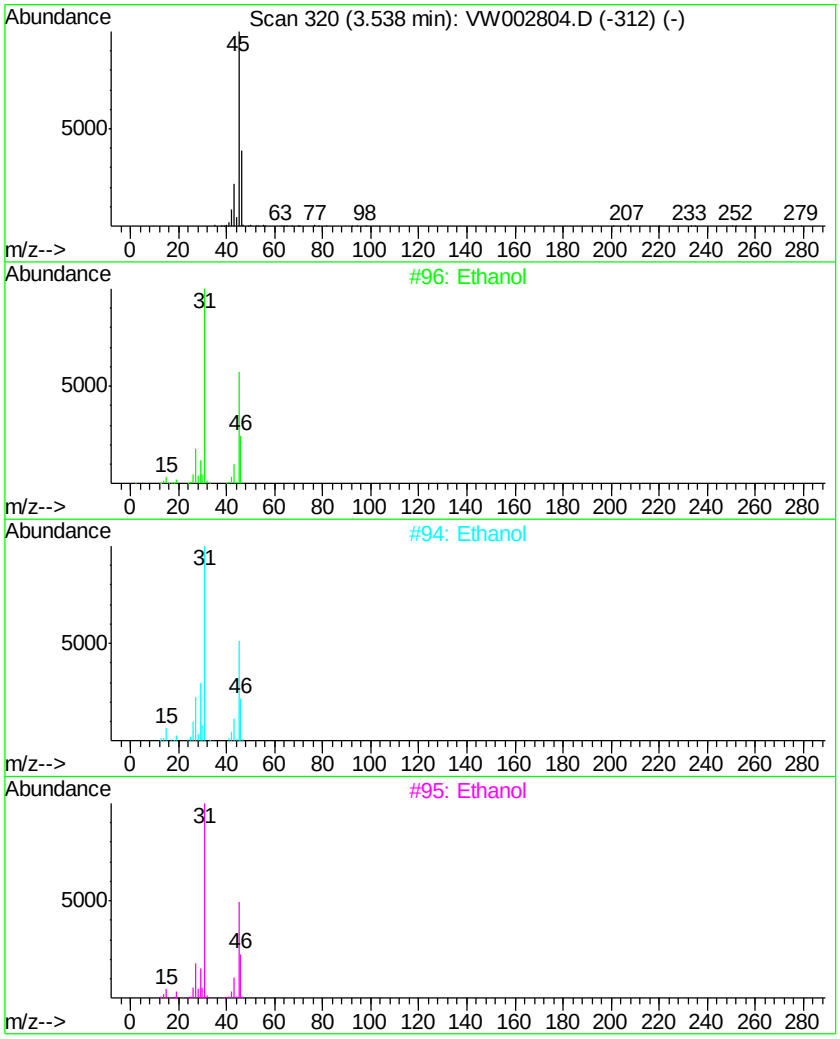
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

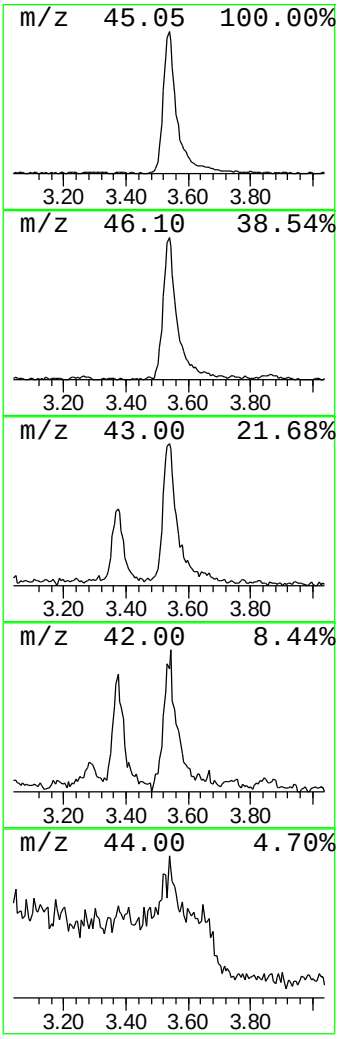
****

Peak Number 2 Ethanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.54	7.00 ug/L	144265	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	64
2	Ethanol	46	C2H6O	000064-17-5	56
3	Ethanol	46	C2H6O	000064-17-5	40
4	Dimethyl ether	46	C2H6O	000115-10-6	9
5	Formic acid	46	CH2O2	000064-18-6	4





Library Search Compound Report

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
Data File : VW002804.D
Acq On : 23 May 2018 00:36
Operator : JC/SY
Sample : J2952-18RE
Misc : 5.19G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis

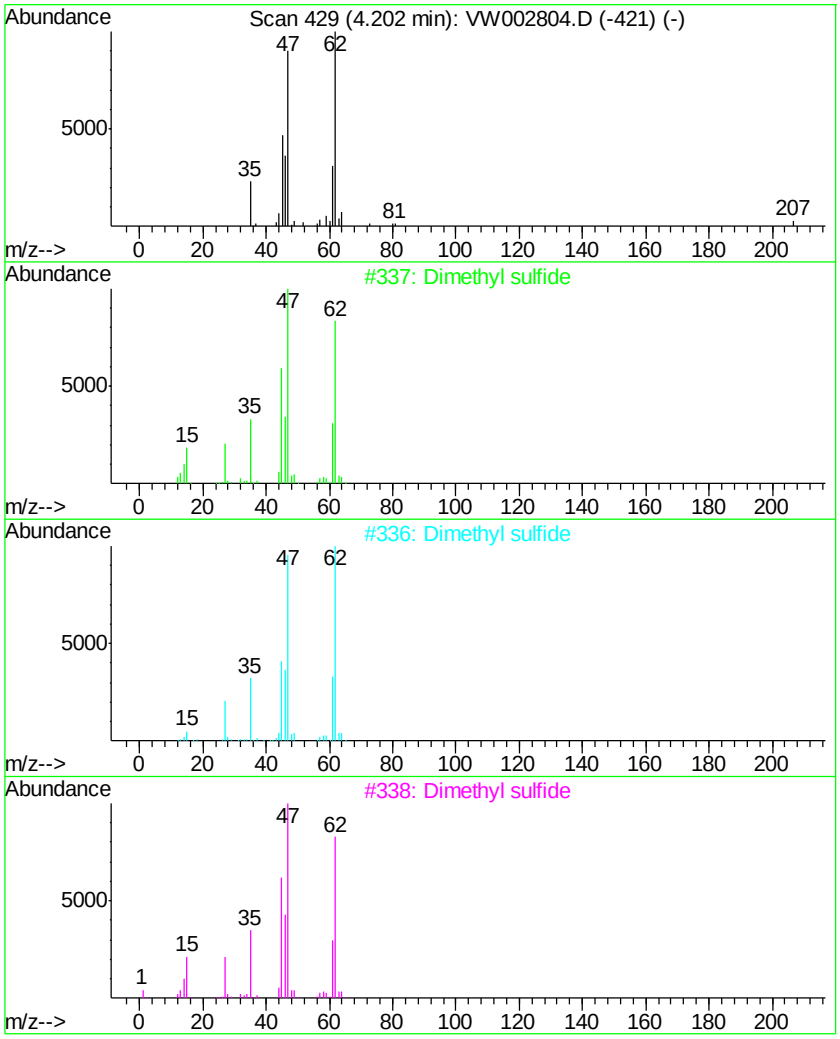
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

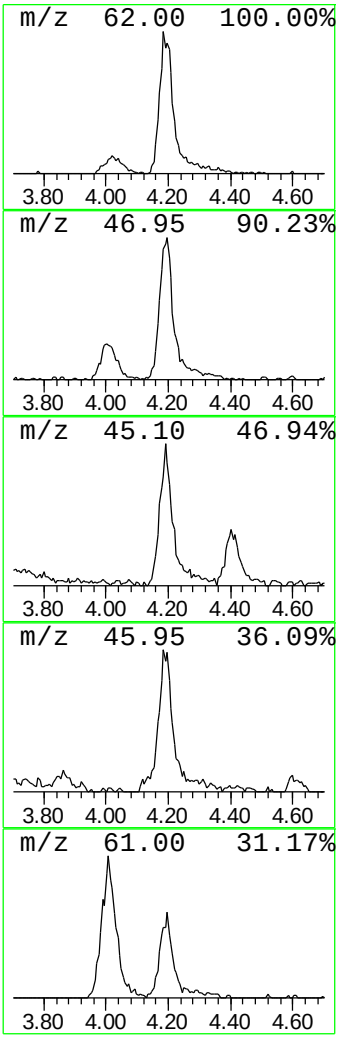
****

Peak Number 3 Dimethyl sulfide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.20	3.47 ug/L	71418	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl sulfide	62	C2H6S	000075-18-3	91
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





Tentatively Identified Compound (LSC) summary

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
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Acq On : 23 May 2018 00:36
Operator : JC/SY
Sample : J2952-18RE
Misc : 5.19G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.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
Ethanol	3.54	7.0	ug/L	144265	1	8.85	514906	25.0
Dimethyl sulfide	4.20	3.5	ug/L	71418	1	8.85	514906	25.0