LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080218\
Data File : VW004427.D
Acq On : 03 Aug 2018 04:56
Operator : SY/AP
Sample : J4268-01
Misc : 5.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AA2

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\SOM2WLM080218S.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	1.746	17	26	28	rBV	30736	59827	0.21%	0.172%
2	1.813	28	37	79	rVB	11980063	28720533	100.00%	82.630%
3	2.355	121	126	140	rVB	47864	102467	0.36%	0.295%
4	2.892	209	214	226	rVB2	46143	113762	0.40%	0.327%
5	4.008	388	397	412	rBV	89158	252168	0.88%	0.725%
6	4.197	423	428	438	rVB5	12360	32443	0.11%	0.093%
7	4.319	447	448	452	rVB4	1034	979	0.00%	0.003%
8	4.367	452	456	459	rBV4	1047	2018	0.01%	0.006%
9	4.611	488	496	501	rBV4	4356	12263	0.04%	0.035%
10	4.904	533	544	559	rBV4	25255	92347	0.32%	0.266%
11	5.020	561	563	565	rVB3	762	752	0.00%	0.002%
12	5.276	603	605	607	rVB3	1188	748	0.00%	0.002%
13	5.416	626	628	633	rVB4	806	905	0.00%	0.003%
14	5.465	633	636	640	rBV3	705	1344	0.00%	0.004%
15	5.513	641	644	650	rVB5	933	1470	0.01%	0.004%
16	5.769	683	686	687	rBV	737	790	0.00%	0.002%
17	5.940	699	714	722	rBV	3255	12366	0.04%	0.036%
18	6.050	730	732	735	rVV4	626	759	0.00%	0.002%
19	6.117	738	743	745	rVV4	918	1520	0.01%	0.004%
20	6.135	745	746	751	rVV4	991	1152	0.00%	0.003%
21	6.172	751	752	755	rVB2	990	841	0.00%	0.002%
22	6.257	765	766	769	rBV3	978	727	0.00%	0.002%
23	6.361	782	783	788	rVB4	662	800	0.00%	0.002%
24	6.495	801	805	807	rBV3	841	1268	0.00%	0.004%
25	6.672	831	834	838	rBV3	634	901	0.00%	0.003%
26	7.098	894	904	907	rBV3	12780	36233	0.13%	0.104%
27	7.153	909	913	927	rVB	22303	61205	0.21%	0.176%
28	7.647	985	994	1006	rVV	174149	434183	1.51%	1.249%
29	7.800	1016	1019	1021	rVB4	703	760	0.00%	0.002%
30	7.897	1031	1035	1037	rVB3	1132	1228	0.00%	0.004%
31	7.940	1039	1042	1044	rBV4	668	872	0.00%	0.003%
32	8.019	1053	1055	1060	rVB3	615	958	0.00%	0.003%
33	8.281	1088	1098	1115	rBV2	295938	1022810	3.56%	2.943%
34	8.452	1122	1126	1127	rBV4	575	740	0.00%	0.002%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AA2

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
Title : VOC Analysis

35	8.537	1137	1140	1142	rBV4	1090	1384	0.00%	0.004%
36	8.702	1162	1167	1170	rBV7	1055	1869	0.01%	0.005%
37	8.848	1182	1191	1203	rBV	231807	466309	1.62%	1.342%
38	9.068	1219	1227	1230	rBV8	2379	5774	0.02%	0.017%
39	9.208	1248	1250	1253	rBV3	664	1032	0.00%	0.003%
40	9.281	1253	1262	1271	rBV	285801	581110	2.02%	1.672%
41	9.458	1287	1291	1294	rVB4	1085	1607	0.01%	0.005%
42	9.659	1319	1324	1326	rBV4	1463	2039	0.01%	0.006%
43	9.732	1334	1336	1339	rVB2	1204	855	0.00%	0.002%
44	9.836	1349	1353	1355	rBV4	835	1210	0.00%	0.003%
45	9.885	1358	1361	1363	rBV3	1151	1013	0.00%	0.003%
46	10.037	1379	1386	1394	rVB	51141	95268	0.33%	0.274%
47	10.098	1394	1396	1398	rBV2	1109	1098	0.00%	0.003%
48	10.122	1398	1400	1402	rBV3	1177	1612	0.01%	0.005%
49	10.330	1427	1434	1441	rBV	291823	502479	1.75%	1.446%
50	10.500	1460	1462	1468	rBV6	962	2056	0.01%	0.006%
51	10.580	1469	1475	1482	rVV	41272	73525	0.26%	0.212%
52	10.647	1485	1486	1490	rVB3	1050	1099	0.00%	0.003%
53	10.714	1490	1497	1501	rBV7	3404	8110	0.03%	0.023%
54	10.769	1501	1506	1512	rVB2	8943	15106	0.05%	0.043%
55	10.860	1517	1521	1527	rVB7	3171	6046	0.02%	0.017%
56	10.933	1527	1533	1545	rBV4	44584	118953	0.41%	0.342%
57	11.019	1545	1547	1552	rBV4	1281	1600	0.01%	0.005%
58	11.067	1552	1555	1558	rBV4	1423	1868	0.01%	0.005%
59	11.122	1563	1564	1567	rVV3	1550	1497	0.01%	0.004%
60	11.177	1571	1573	1576	rVV4	485	744	0.00%	0.002%
61	11.634	1641	1648	1658	rBV	312750	546848	1.90%	1.573%
62	11.707	1658	1660	1661	rBV2	958	926	0.00%	0.003%
63	11.774	1669	1671	1673	rBV2	832	875	0.00%	0.003%
64	11.842	1679	1682	1683	rBV2	1157	1047	0.00%	0.003%
65	12.024	1710	1712	1715	rVV3	819	961	0.00%	0.003%
66	12.073	1719	1720	1723	rVB3	866	751	0.00%	0.002%
67	12.244	1745	1748	1753	rVB6	1139	1397	0.00%	0.004%
68	12.323	1758	1761	1763	rBV3	820	977	0.00%	0.003%
69	12.378	1765	1770	1775	rVB9	3025	4507	0.02%	0.013%
70	12.561	1797	1800	1805	rBV6	2124	3968	0.01%	0.011%
71	12.616	1805	1809	1814	rVB5	4846	7888	0.03%	0.023%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AA2

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\SOM2WLM080218S.M
Title : VOC Analysis

72	12.701	1814	1823	1830	rBV	281745	467942	1.63%	1.346%
73	12.768	1830	1834	1838	rVB5	1996	3722	0.01%	0.011%
74	12.872	1849	1851	1855	rVB3	898	1092	0.00%	0.003%
75	12.939	1857	1862	1865	rBV6	2067	2823	0.01%	0.008%
76	12.982	1865	1869	1874	rVV5	1100	1948	0.01%	0.006%
77	13.177	1899	1901	1903	rVV2	854	759	0.00%	0.002%
78	13.213	1903	1907	1910	rVV5	2450	3474	0.01%	0.010%
79	13.421	1936	1941	1944	rVB4	1231	1874	0.01%	0.005%
80	13.469	1944	1949	1951	rBV3	886	1565	0.01%	0.005%
81	13.506	1953	1955	1958	rVV4	1568	2100	0.01%	0.006%
82	13.567	1958	1965	1973	rVV	209696	337603	1.18%	0.971%
83	13.622	1973	1974	1977	rVV3	962	1147	0.00%	0.003%
84	13.658	1977	1980	1984	rVB6	1827	2899	0.01%	0.008%
85	13.774	1997	1999	2001	rBV3	827	733	0.00%	0.002%
86	13.859	2005	2013	2024	rBV	228994	390157	1.36%	1.122%
87	14.018	2036	2039	2041	rBV4	1184	1809	0.01%	0.005%
88	14.085	2043	2050	2056	rVV2	17373	30798	0.11%	0.089%
89	14.134	2056	2058	2063	rVB5	1265	2090	0.01%	0.006%
90	14.195	2066	2068	2069	rBV2	1083	931	0.00%	0.003%
91	14.237	2073	2075	2076	rBV	1111	794	0.00%	0.002%
92	14.298	2082	2085	2086	rBV2	1085	1028	0.00%	0.003%
93	14.335	2086	2091	2095	rVV6	1959	4222	0.01%	0.012%
94	14.426	2105	2106	2110	rVB3	873	878	0.00%	0.003%
95	14.542	2119	2125	2129	rBV6	2357	4154	0.01%	0.012%
96	14.731	2153	2156	2160	rVB6	1948	2876	0.01%	0.008%
97	14.859	2174	2177	2180	rBV5	1047	1745	0.01%	0.005%
98	15.512	2278	2284	2291	rBV	24292	44931	0.16%	0.129%
99	15.695	2310	2314	2315	rBV3	1198	1246	0.00%	0.004%
100	15.755	2322	2324	2327	rBV4	1195	1315	0.00%	0.004%

Sum of corrected areas: 34758202

LSC Report - Integrated Chromatogram

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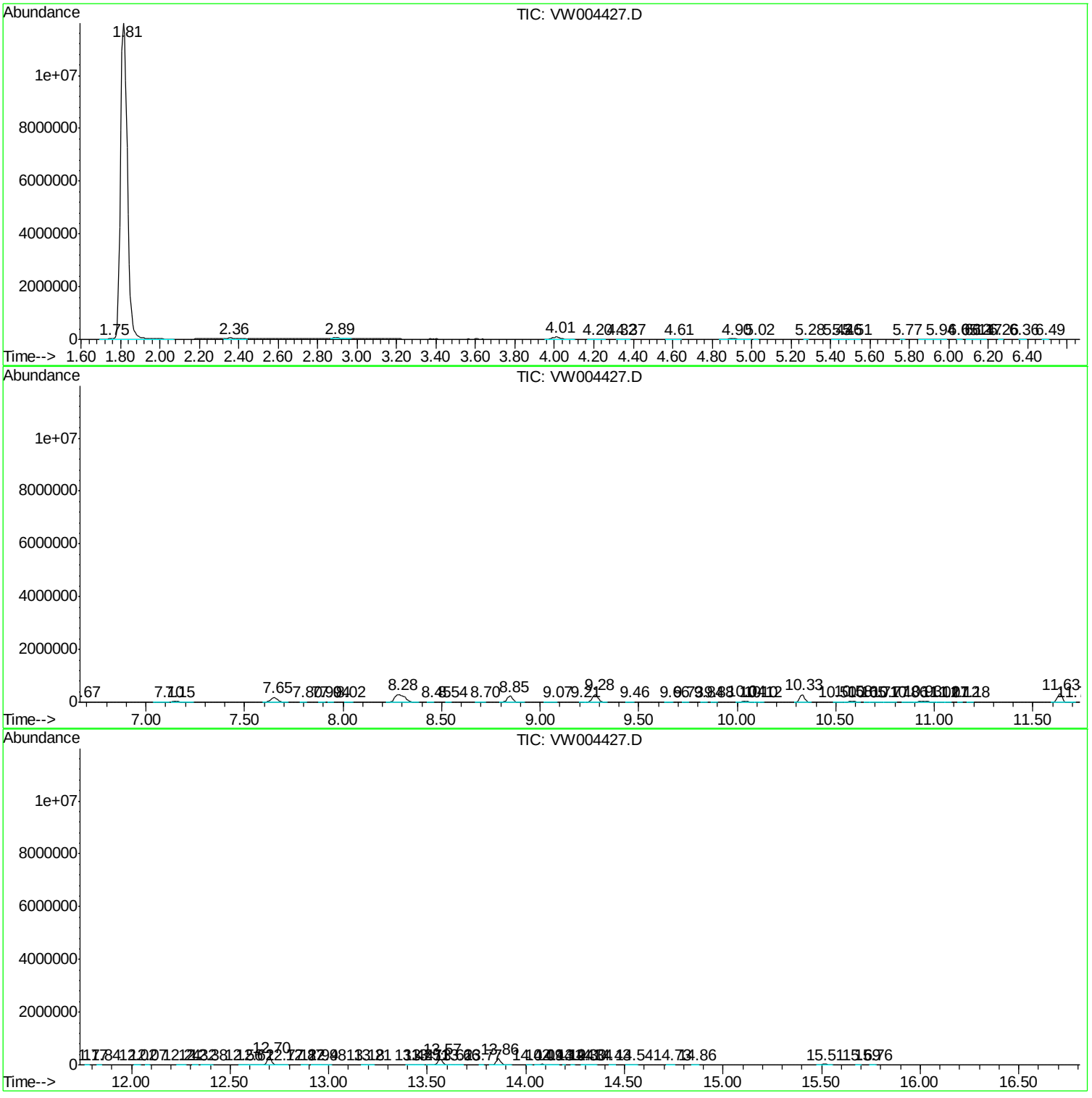
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AA2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.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\VW080218\
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Instrument : MSVOA_W
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
Quant Title : VOC Analysis

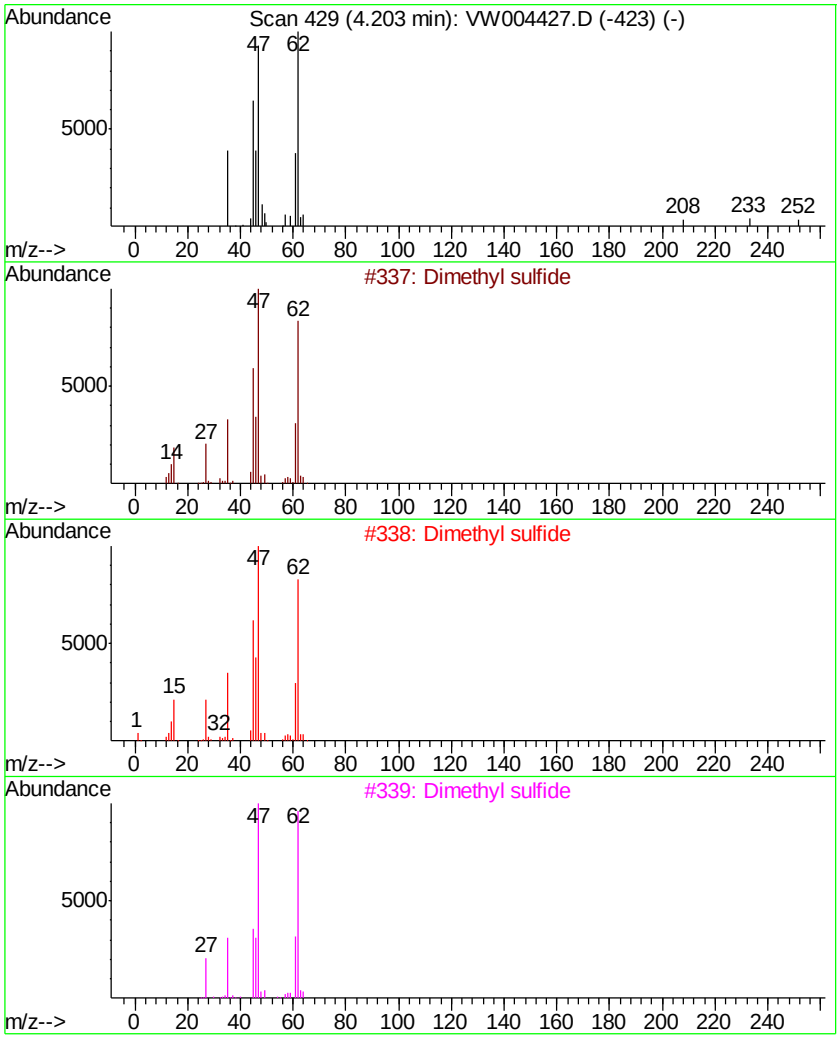
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

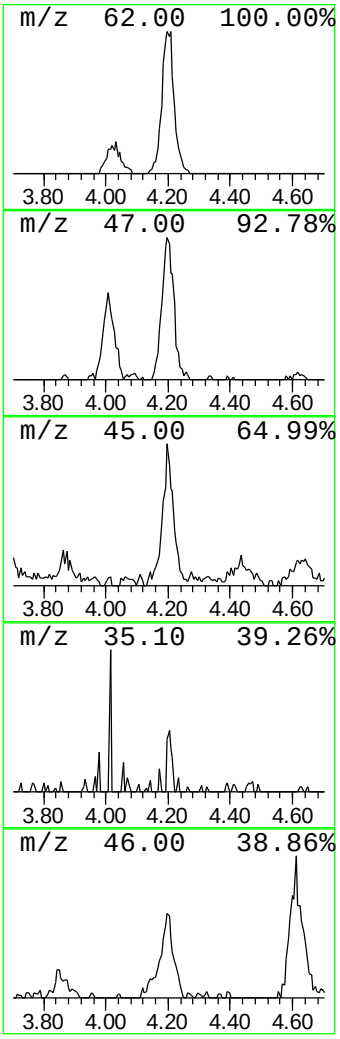
****

Peak Number 3 Dimethyl sulfide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.20	1.74 ug/L	32443	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl sulfide	62	C2H6S	000075-18-3	94
2	Dimethyl sulfide	62	C2H6S	000075-18-3	94
3	Dimethyl sulfide	62	C2H6S	000075-18-3	90
4	Dimethyl sulfide	62	C2H6S	000075-18-3	87
5	Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	59





Library Search Compound Report

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ClientSampleId : C0AA2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
Quant Title : VOC Analysis

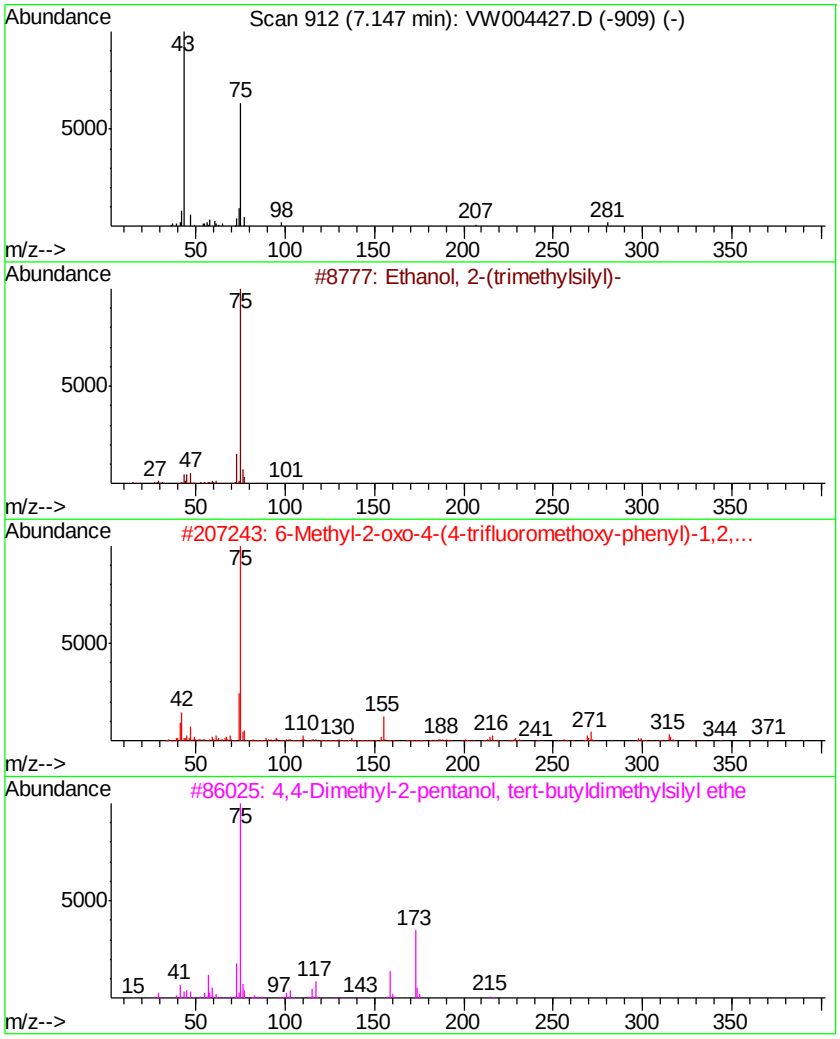
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

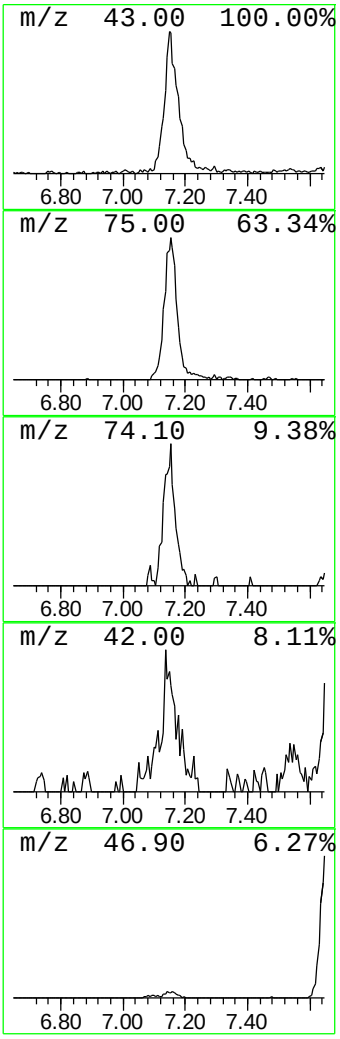
****

Peak Number 4 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	3.28 ug/L	61205	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(trimethylsilyl)-	118	C5H14OSi	002916-68-9	38
2	6-Methyl-2-oxo-4-(4-trifluoromet...	390	C16H17F3N2O4S	1000276-15-4	9
3	4,4-Dimethyl-2-pentanol, tert-bu...	230	C13H30OSi	1000364-39-3	9
4	4-(3-Fluoro-phenyl)-6-methyl-2-o...	324	C15H17FN2O3S	1000276-15-0	9
5	Neopentyl alcohol, tert-butyldim...	202	C11H26OSi	1000333-00-0	9





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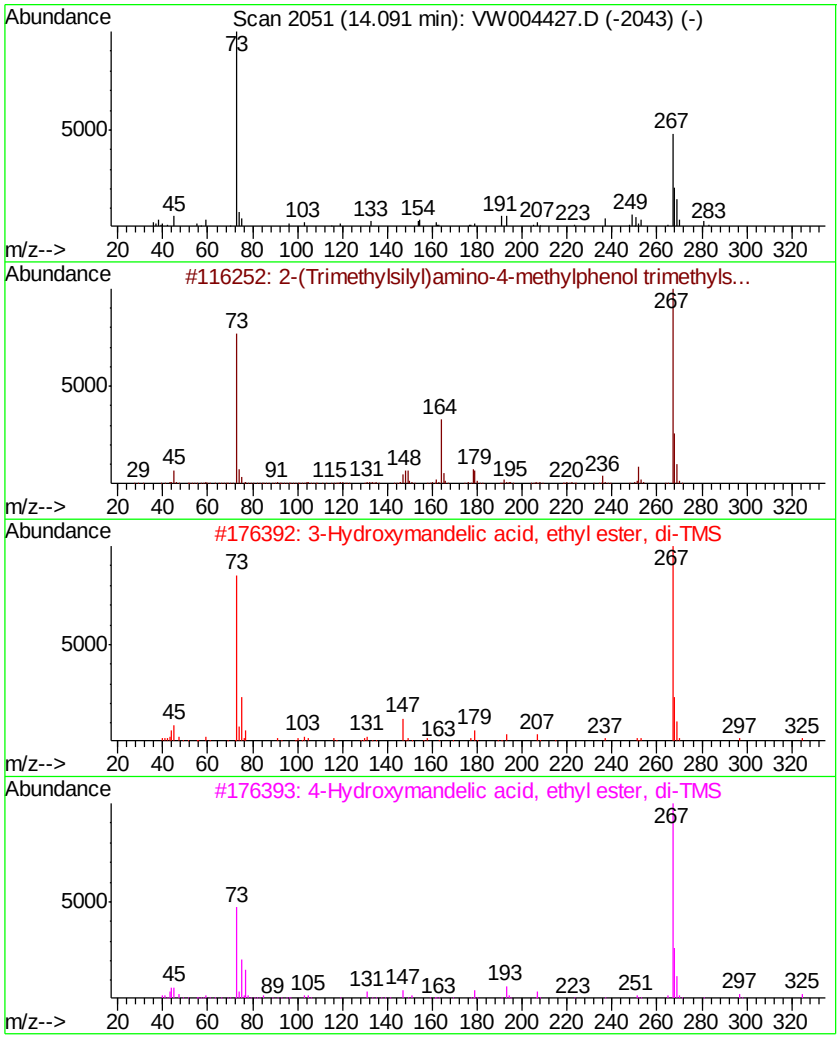
Quant Title : VOC Analysis

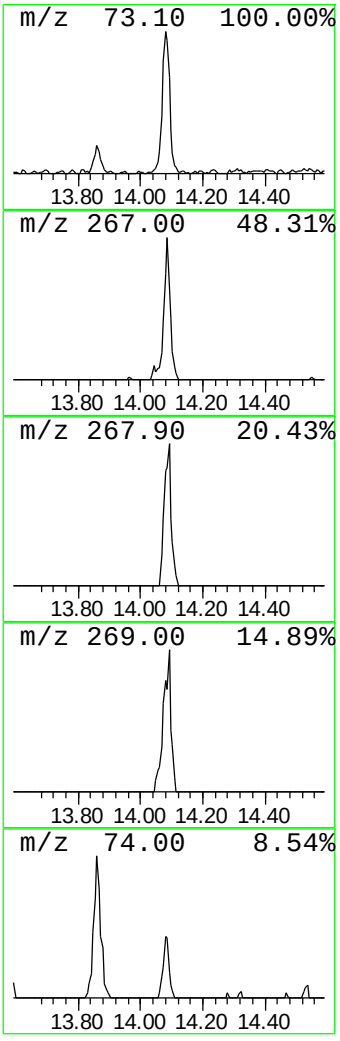
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2-(Trimethylsilyl)amino-4-m... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	2.28 ug/L	30798	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(Trimethylsilyl)amino-4-methyl...	267	C13H25NOSi2	1000373-28-1	64
2	3-Hydroxymandelic acid, ethyl es...	340	C16H28O4Si2	1000071-88-9	56
3	4-Hydroxymandelic acid, ethyl es...	340	C16H28O4Si2	1000071-53-3	56
4	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	50
5	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	50





Tentatively Identified Compound (LSC) summary

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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	1.7	ug/L	32443	1	8.85	466309	25.0
unknown-01	7.15	3.3	ug/L	61205	1	8.85	466309	25.0
2-(Trimethylsilyl...	14.09	2.3	ug/L	30798	3	13.57	337603	25.0