LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121719\
Data File : VW014415.D
Acq On : 18 Dec 2019 01:46
Operator : SY/VA
Sample : K6279-11
Misc : 4.81G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFEY5

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\SOM2WLM120519S.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	1.953	4	8	25	rVB4	23894	55284	2.31%	0.354%
2	2.154	36	41	48	rBV	14727	34928	1.46%	0.224%
3	2.349	64	73	87	rBV	171115	312841	13.06%	2.002%
4	2.885	154	161	177	rVB	127037	307174	12.82%	1.966%
5	3.276	224	225	226	rVV	1746	1189	0.05%	0.008%
6	3.294	226	228	235	rVB3	3015	4056	0.17%	0.026%
7	3.379	237	242	250	rVB5	4952	13157	0.55%	0.084%
8	3.532	260	267	283	rVV2	21923	60715	2.53%	0.389%
9	3.672	288	290	293	rVB2	1197	1059	0.04%	0.007%
10	3.818	313	314	316	rBV2	966	920	0.04%	0.006%
11	4.013	335	346	359	rBV2	226137	719987	30.06%	4.608%
12	4.117	359	363	369	rVV	19657	49752	2.08%	0.318%
13	4.202	369	377	392	rVB	75130	215200	8.98%	1.377%
14	4.391	402	408	413	rBV4	3461	7037	0.29%	0.045%
15	4.501	423	426	430	rVB5	765	1172	0.05%	0.008%
16	4.598	435	442	445	rBV6	1757	3474	0.15%	0.022%
17	4.733	463	464	466	rBV2	1095	908	0.04%	0.006%
18	4.915	481	494	510	rVV2	27255	104047	4.34%	0.666%
19	5.153	531	533	537	rVV4	1409	1878	0.08%	0.012%
20	5.306	555	558	561	rBV3	945	1315	0.05%	0.008%
21	5.720	623	626	628	rBV2	962	1078	0.05%	0.007%
22	5.769	633	634	640	rVV6	1245	2389	0.10%	0.015%
23	5.909	653	657	658	rBV	3189	2453	0.10%	0.016%
24	5.934	658	661	662	rBV3	2542	3215	0.13%	0.021%
25	6.513	755	756	760	rVB2	1000	1210	0.05%	0.008%
26	6.598	760	770	775	rBV8	5405	17128	0.72%	0.110%
27	6.763	795	797	799	rBV	991	1083	0.05%	0.007%
28	6.982	831	833	834	rVV2	1407	972	0.04%	0.006%
29	7.080	840	849	850	rBV2	39290	77435	3.23%	0.496%
30	7.135	852	858	876	rVB	91937	287985	12.02%	1.843%
31	7.397	898	901	902	rBV3	1528	1651	0.07%	0.011%
32	7.531	919	923	930	rVB6	4051	9534	0.40%	0.061%
33	7.647	930	942	958	rBV	414109	1031821	43.07%	6.604%
34	7.775	961	963	966	rVB2	1745	1847	0.08%	0.012%

LSC Area Percent Report

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Data File : VW014415.D
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Operator : SY/VA
Sample : K6279-11
Misc : 4.81G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFEY5

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\SOM2WLM120519S.M
Title : VOC Analysis

35	7.811	966	969	971	rVB3	1379	1293	0.05%	0.008%
36	7.866	971	978	979	rBV4	819	1352	0.06%	0.009%
37	7.933	984	989	990	rBV4	1798	1818	0.08%	0.012%
38	8.006	997	1001	1006	rVB4	701	1471	0.06%	0.009%
39	8.134	1020	1022	1024	rBV3	924	922	0.04%	0.006%
40	8.269	1033	1044	1060	rBV2	786355	2395515	100.00%	15.331%
41	8.421	1067	1069	1073	rVB4	2051	1714	0.07%	0.011%
42	8.512	1082	1084	1087	rBV3	1069	1072	0.04%	0.007%
43	8.707	1109	1116	1120	rBV4	3163	7317	0.31%	0.047%
44	8.842	1128	1138	1148	rBV	739724	1494166	62.37%	9.563%
45	9.073	1170	1176	1182	rVB8	8433	17821	0.74%	0.114%
46	9.274	1198	1209	1224	rBV	581541	1211519	50.57%	7.754%
47	9.671	1267	1274	1279	rBV7	2677	6708	0.28%	0.043%
48	9.787	1289	1293	1295	rBV3	881	1125	0.05%	0.007%
49	10.030	1324	1333	1343	rBV	150245	275430	11.50%	1.763%
50	10.128	1343	1349	1358	rVB	21615	42334	1.77%	0.271%
51	10.207	1358	1362	1370	rVB4	4680	8496	0.35%	0.054%
52	10.323	1373	1381	1388	rBV	930597	1654166	69.05%	10.587%
53	10.506	1405	1411	1412	rVV5	2421	4017	0.17%	0.026%
54	10.573	1416	1422	1433	rVV	110780	198867	8.30%	1.273%
55	10.701	1437	1443	1450	rVB	87728	156303	6.52%	1.000%
56	10.927	1473	1480	1497	rBV3	135819	319358	13.33%	2.044%
57	11.061	1497	1502	1516	rVV2	39243	88682	3.70%	0.568%
58	11.170	1516	1520	1524	rVB5	2238	3909	0.16%	0.025%
59	11.256	1532	1534	1536	rBV3	1408	1391	0.06%	0.009%
60	11.292	1536	1540	1543	rVV6	1308	2424	0.10%	0.016%
61	11.366	1550	1552	1556	rBV5	905	1049	0.04%	0.007%
62	11.439	1558	1564	1570	rVB	35890	62608	2.61%	0.401%
63	11.487	1570	1572	1574	rBV3	1189	1484	0.06%	0.009%
64	11.512	1574	1576	1578	rBV3	1092	1392	0.06%	0.009%
65	11.536	1578	1580	1583	rVV4	2207	1620	0.07%	0.010%
66	11.628	1588	1595	1606	rVV	923119	1553413	64.85%	9.942%
67	11.932	1643	1645	1648	rBV3	1173	1200	0.05%	0.008%
68	12.371	1713	1717	1722	rVB6	3934	6659	0.28%	0.043%
69	12.475	1731	1734	1735	rVB3	1790	1290	0.05%	0.008%
70	12.560	1746	1748	1749	rBV2	1012	1003	0.04%	0.006%
71	12.609	1749	1756	1762	rVV	106590	179033	7.47%	1.146%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121719\
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Operator : SY/VA
Sample : K6279-11
Misc : 4.81G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFEY5

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\SOM2WLM120519S.M
Title : VOC Analysis

72	12.688	1762	1769	1777	rVV	390644	644578	26.91%	4.125%
73	12.871	1796	1799	1800	rVV3	1187	1323	0.06%	0.008%
74	12.932	1802	1809	1818	rVV2	22924	37034	1.55%	0.237%
75	13.042	1823	1827	1829	rVV4	2074	3061	0.13%	0.020%
76	13.079	1830	1833	1838	rVV5	2248	4072	0.17%	0.026%
77	13.207	1847	1854	1860	rVV9	7985	17661	0.74%	0.113%
78	13.292	1863	1868	1875	rVB	18729	31525	1.32%	0.202%
79	13.402	1881	1886	1891	rBV5	5749	8934	0.37%	0.057%
80	13.475	1894	1898	1901	rVV5	2715	4742	0.20%	0.030%
81	13.505	1901	1903	1905	rVV3	3540	4210	0.18%	0.027%
82	13.554	1905	1911	1923	rVV	507046	841389	35.12%	5.385%
83	13.646	1924	1926	1932	rVB4	4549	6972	0.29%	0.045%
84	13.755	1940	1944	1948	rBV5	6315	10153	0.42%	0.065%
85	13.853	1953	1960	1967	rVV	472499	787915	32.89%	5.043%
86	13.902	1967	1968	1972	rVB3	5857	5408	0.23%	0.035%
87	14.018	1983	1987	1990	rBV4	2061	3858	0.16%	0.025%
88	14.072	1990	1996	2004	rVB	30542	55073	2.30%	0.352%
89	14.194	2013	2016	2022	rBV5	3652	5593	0.23%	0.036%
90	14.328	2031	2038	2041	rBV5	10603	18115	0.76%	0.116%
91	14.456	2057	2059	2061	rBV3	1440	1598	0.07%	0.010%
92	14.499	2064	2066	2067	rBV2	1221	1005	0.04%	0.006%
93	14.725	2100	2103	2108	rVB6	2927	4662	0.19%	0.030%
94	15.084	2160	2162	2163	rBV	1464	1018	0.04%	0.007%
95	15.438	2212	2220	2225	rVV2	33009	60319	2.52%	0.386%
96	15.493	2226	2229	2234	rVB5	3911	6165	0.26%	0.039%
97	15.688	2259	2261	2265	rVB5	2292	1861	0.08%	0.012%
98	15.767	2269	2274	2276	rBV5	3537	5111	0.21%	0.033%
99	15.853	2284	2288	2290	rBV4	2980	3659	0.15%	0.023%
100	16.096	2326	2328	2331	rBV3	1922	2167	0.09%	0.014%

Sum of corrected areas: 15625016

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121719\
Data File : VW014415.D
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Sample : K6279-11
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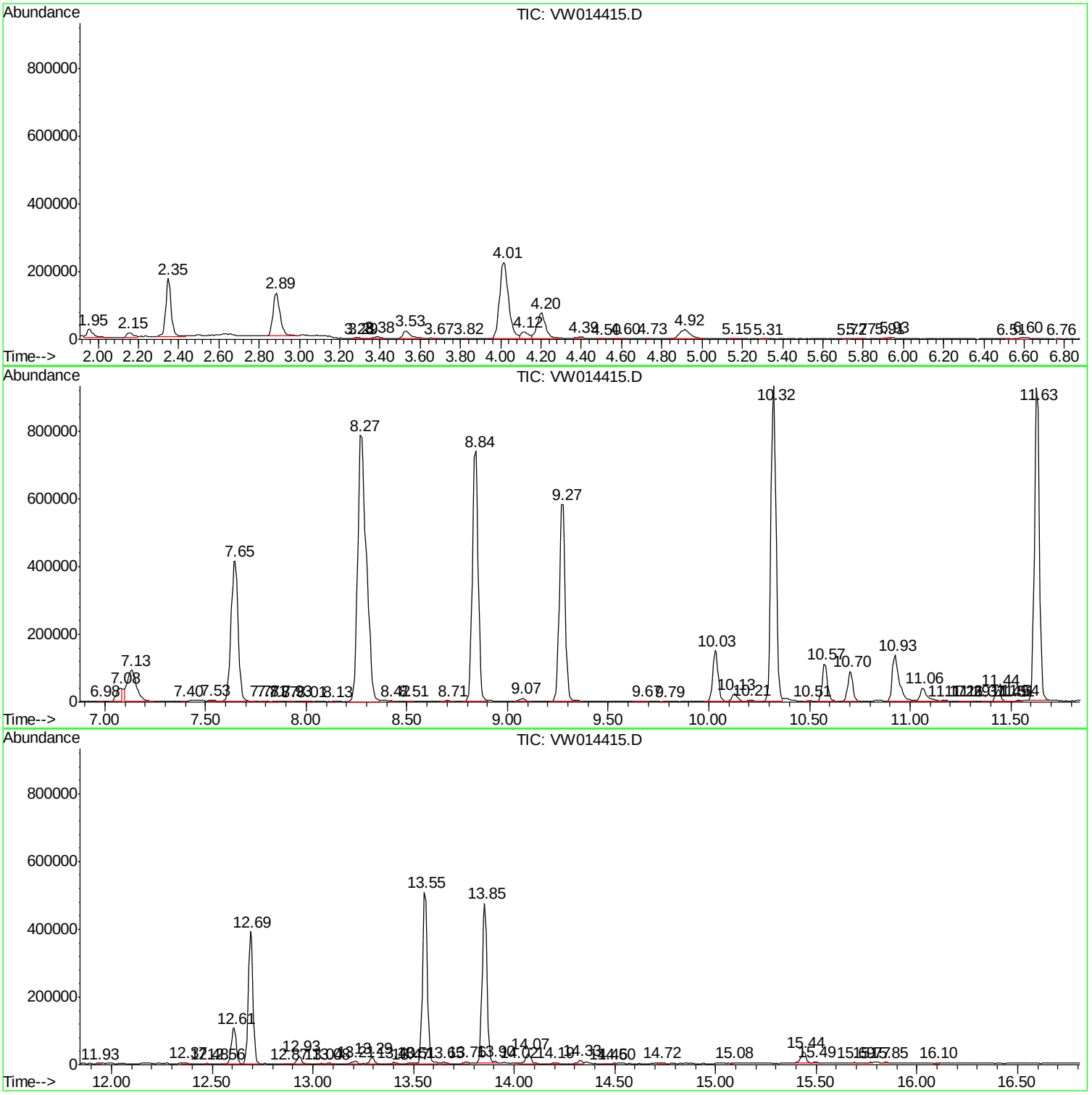
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFEY5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.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\VW121719\
Data File : VW014415.D
Acq On : 18 Dec 2019 01:46
Operator : SY/VA
Sample : K6279-11
Misc : 4.81G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFEY5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

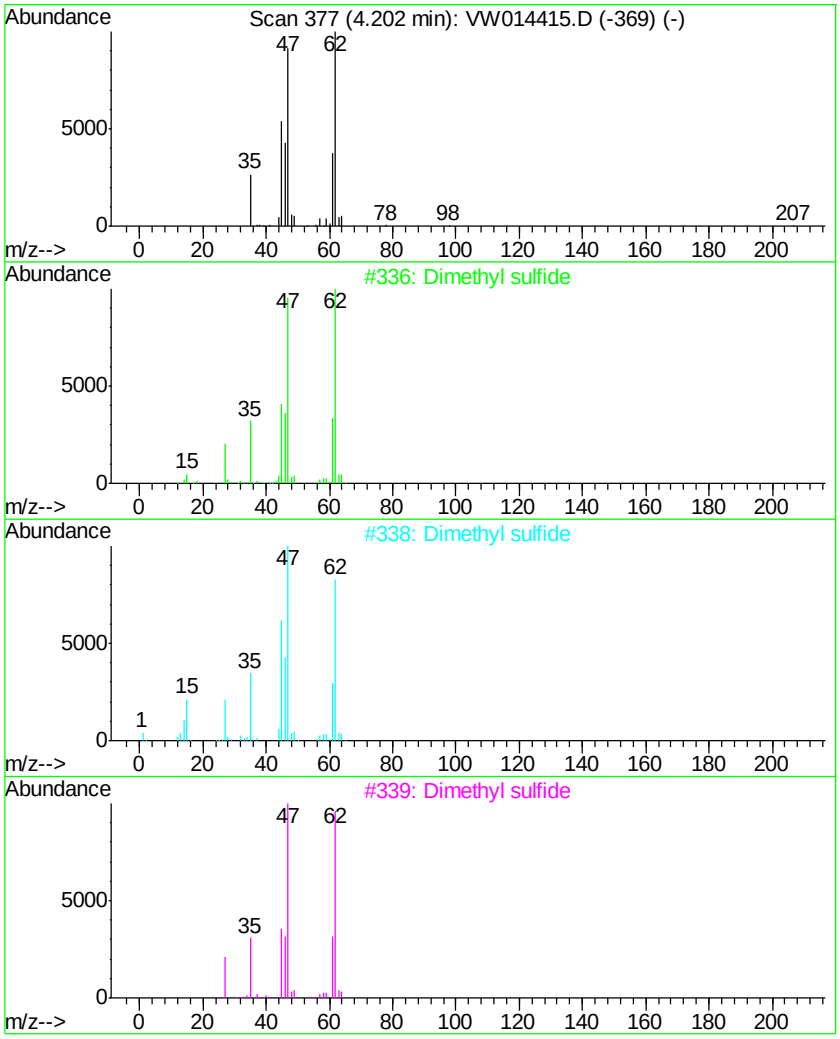
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

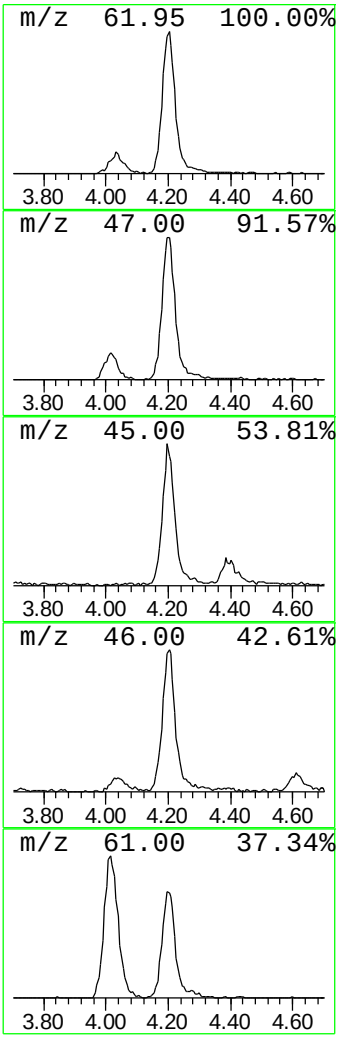
****

Peak Number 1 Dimethyl sulfide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.20	3.60 ug/L	215200	1,4-Difluorobenzene	8.84

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	94
4	Dimethyl sulfide	62	C2H6S	000075-18-3	91
5	Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	80





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121719\
Data File : VW014415.D
Acq On : 18 Dec 2019 01:46
Operator : SY/VA
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFEY5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

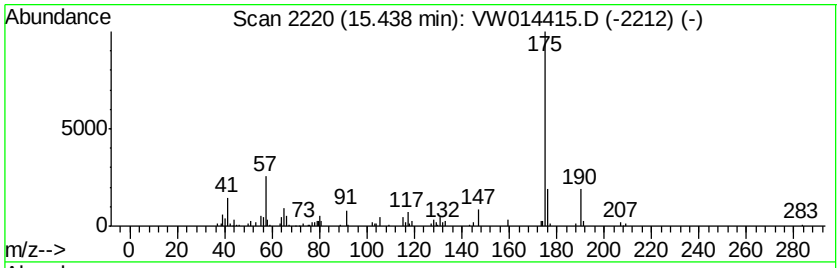
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

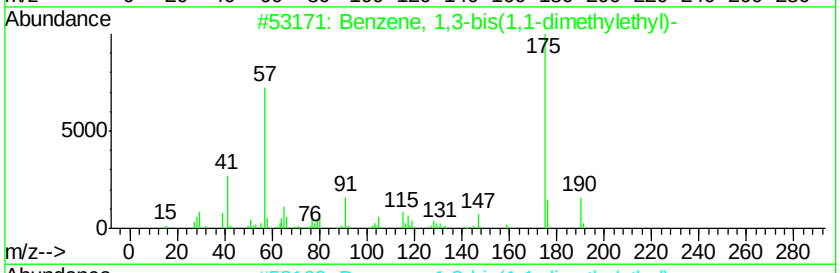
****

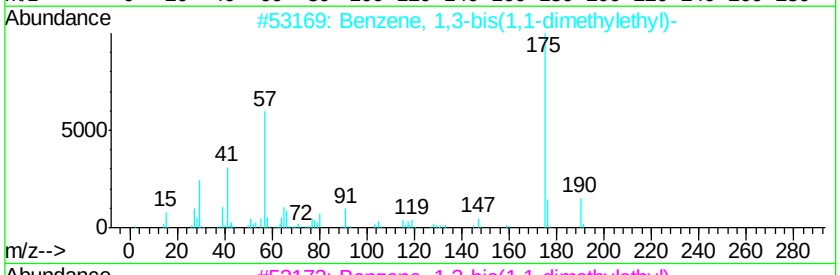
Peak Number 7 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 5

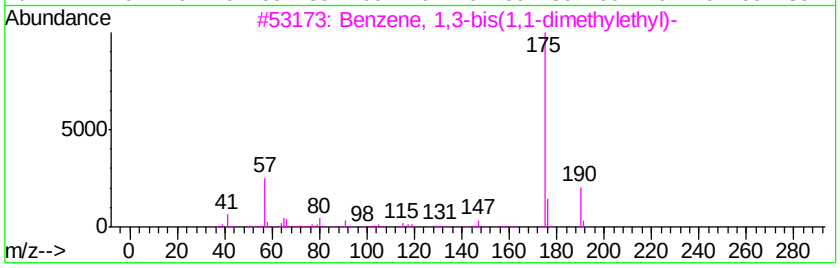
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	1.79 ug/L	60319	1,4-Dichlorobenzene-d4	13.55

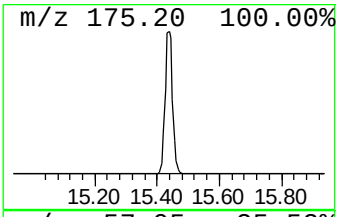
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	91
2	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	90
3	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87
4	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	74
5	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	64

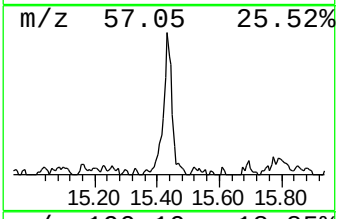


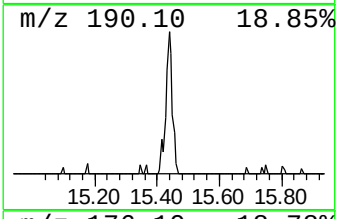


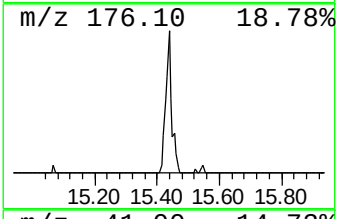


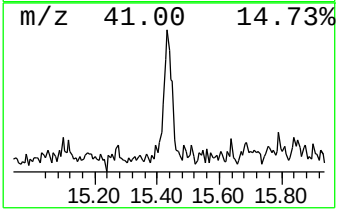












Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121719\
Data File : VW014415.D
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFEY5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.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	3.6	ug/L	215200	1	8.84	1494170	25.0
Benzene, 1,3-bis(...	15.44	1.8	ug/L	60319	3	13.55	841389	25.0