LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120718\
Data File : VW007318.D
Acq On : 07 Dec 2018 20:33
Operator : SY/AP
Sample : J6236-06
Misc : 5.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E16

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\SOM2WLM120718S.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	88	rVB	17669	43055	9.43%	1.314%
2	2.892	156	162	175	rVB	14033	36839	8.07%	1.124%
3	3.263	221	223	225	rBV2	336	374	0.08%	0.011%
4	3.373	236	241	249	rVB4	595	1437	0.31%	0.044%
5	3.532	255	267	285	rBV	60690	190183	41.64%	5.803%
6	4.007	335	345	357	rBV	54084	165977	36.34%	5.065%
7	4.196	370	376	386	rVB2	22596	57047	12.49%	1.741%
8	4.623	444	446	448	rBV	214	194	0.04%	0.006%
9	4.916	484	494	505	rVB4	2839	9742	2.13%	0.297%
10	5.123	524	528	529	rBV	212	198	0.04%	0.006%
11	5.226	543	545	548	rBV2	239	285	0.06%	0.009%
12	5.769	632	634	635	rBV	274	156	0.03%	0.005%
13	5.873	647	651	652	rBV	201	244	0.05%	0.007%
14	5.928	652	660	669	rVV5	1456	4348	0.95%	0.133%
15	6.342	723	728	731	rBV2	201	244	0.05%	0.007%
16	6.464	746	748	752	rVB	243	304	0.07%	0.009%
17	6.507	752	755	759	rBV2	184	374	0.08%	0.011%
18	6.586	766	768	770	rBV	295	277	0.06%	0.008%
19	6.787	794	801	803	rBV2	178	264	0.06%	0.008%
20	6.970	829	831	833	rBV	361	424	0.09%	0.013%
21	7.074	840	848	855	rBV	12414	34337	7.52%	1.048%
22	7.385	897	899	901	rBV	165	184	0.04%	0.006%
23	7.427	901	906	911	rVV3	588	1203	0.26%	0.037%
24	7.482	913	915	917	rBV2	293	325	0.07%	0.010%
25	7.647	932	942	953	rBV	79029	194125	42.50%	5.923%
26	7.939	988	990	992	rBV2	277	361	0.08%	0.011%
27	8.019	998	1003	1004	rBV	164	220	0.05%	0.007%
28	8.031	1004	1005	1007	rVV	227	187	0.04%	0.006%
29	8.067	1010	1011	1014	rVV	258	233	0.05%	0.007%
30	8.134	1021	1022	1027	rVB2	218	289	0.06%	0.009%
31	8.275	1033	1045	1064	rBV2	154626	456762	100.00%	13.937%
32	8.555	1084	1091	1094	rBV3	846	1481	0.32%	0.045%
33	8.689	1110	1113	1114	rVV	184	190	0.04%	0.006%
34	8.701	1114	1115	1118	rVB2	458	438	0.10%	0.013%

LSC Area Percent Report

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Sample : J6236-06
Misc : 5.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E16

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\SOM2WLM120718S.M
Title : VOC Analysis

35	8.842	1129	1138	1150	rBV	160483	313392	68.61%	9.563%
36	8.927	1150	1152	1156	rVB2	298	378	0.08%	0.012%
37	9.025	1164	1168	1175	rBV3	1448	2802	0.61%	0.085%
38	9.274	1201	1209	1217	rBV	99833	199572	43.69%	6.090%
39	9.427	1231	1234	1236	rBV	299	416	0.09%	0.013%
40	9.652	1269	1271	1277	rBV2	514	812	0.18%	0.025%
41	9.781	1287	1292	1293	rBV	288	346	0.08%	0.011%
42	9.884	1307	1309	1312	rVB	368	387	0.08%	0.012%
43	10.037	1326	1334	1345	rBV	53171	92666	20.29%	2.828%
44	10.207	1359	1362	1367	rBV3	609	1127	0.25%	0.034%
45	10.274	1370	1373	1374	rBV2	1201	1393	0.30%	0.043%
46	10.323	1374	1381	1389	rVB	212630	373140	81.69%	11.386%
47	10.433	1396	1399	1401	rBV2	644	777	0.17%	0.024%
48	10.579	1417	1423	1433	rVB	35459	59475	13.02%	1.815%
49	10.707	1439	1444	1451	rBV2	3493	6822	1.49%	0.208%
50	10.927	1474	1480	1494	rVB	47080	86613	18.96%	2.643%
51	11.067	1498	1503	1515	rVB4	8236	16043	3.51%	0.490%
52	11.634	1589	1596	1606	rVB	184960	309005	67.65%	9.429%
53	12.158	1680	1682	1683	rBV	469	308	0.07%	0.009%
54	12.475	1730	1734	1738	rBV2	2704	4224	0.92%	0.129%
55	12.615	1749	1757	1764	rBV3	7553	13505	2.96%	0.412%
56	12.695	1764	1770	1777	rBV	71303	115246	25.23%	3.517%
57	12.902	1802	1804	1806	rBV2	209	258	0.06%	0.008%
58	12.938	1806	1810	1818	rVB2	3046	4568	1.00%	0.139%
59	13.030	1821	1825	1830	rVB4	1584	2677	0.59%	0.082%
60	13.085	1830	1834	1837	rBV2	249	382	0.08%	0.012%
61	13.219	1849	1856	1861	rBV	15272	23198	5.08%	0.708%
62	13.292	1864	1868	1878	rVB2	3868	7414	1.62%	0.226%
63	13.414	1884	1888	1891	rBV3	862	1401	0.31%	0.043%
64	13.475	1894	1898	1901	rBV4	1458	1870	0.41%	0.057%
65	13.505	1901	1903	1906	rVB3	471	440	0.10%	0.013%
66	13.560	1906	1912	1919	rBV	136471	226574	49.60%	6.914%
67	13.652	1926	1927	1930	rVB	550	435	0.10%	0.013%
68	13.768	1943	1946	1950	rBV2	931	1556	0.34%	0.047%
69	13.859	1954	1961	1968	rBV	115756	187561	41.06%	5.723%
70	13.957	1975	1977	1980	rVB2	512	555	0.12%	0.017%
71	14.018	1985	1987	1988	rVV	386	264	0.06%	0.008%

LSC Area Percent Report

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Sample : J6236-06
Misc : 5.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E16

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\SOM2WLM120718S.M
Title : VOC Analysis

72	14.079	1992	1997	2005	rVV2	2945	5490	1.20%	0.168%
73	14.152	2007	2009	2011	rVB	251	183	0.04%	0.006%
74	14.304	2032	2034	2036	rBV	363	306	0.07%	0.009%
75	14.341	2038	2040	2042	rVB2	650	690	0.15%	0.021%
76	14.420	2050	2053	2054	rVB2	325	280	0.06%	0.009%
77	14.432	2054	2055	2057	rBV	201	202	0.04%	0.006%
78	14.597	2081	2082	2085	rBV	192	152	0.03%	0.005%
79	14.621	2085	2086	2088	rBV	188	152	0.03%	0.005%
80	14.639	2088	2089	2092	rVB	368	229	0.05%	0.007%
81	14.700	2097	2099	2102	rVB2	182	152	0.03%	0.005%
82	14.743	2102	2106	2109	rVB2	364	473	0.10%	0.014%
83	14.780	2109	2112	2113	rBV	126	161	0.04%	0.005%
84	14.798	2113	2115	2117	rBV	196	181	0.04%	0.006%
85	14.902	2131	2132	2134	rBV	205	169	0.04%	0.005%
86	14.999	2146	2148	2150	rVB2	247	207	0.05%	0.006%
87	15.091	2161	2163	2164	rBV	234	170	0.04%	0.005%
88	15.139	2168	2171	2174	rVB3	521	700	0.15%	0.021%
89	15.170	2174	2176	2178	rBV	182	188	0.04%	0.006%
90	15.255	2188	2190	2191	rBV2	212	168	0.04%	0.005%
91	15.328	2200	2202	2205	rVB3	307	273	0.06%	0.008%
92	15.377	2205	2210	2214	rBV3	691	996	0.22%	0.030%
93	15.444	2218	2221	2227	rVB3	1584	2281	0.50%	0.070%
94	15.505	2227	2231	2237	rBV3	960	1891	0.41%	0.058%
95	15.700	2260	2263	2266	rBV2	151	245	0.05%	0.007%
96	15.828	2280	2284	2286	rVB2	215	235	0.05%	0.007%
97	15.853	2286	2288	2290	rBV2	261	299	0.07%	0.009%
98	16.444	2383	2385	2386	rBV2	223	208	0.05%	0.006%
99	16.657	2419	2420	2425	rVB2	176	185	0.04%	0.006%
100	16.737	2428	2433	2436	rBV3	261	490	0.11%	0.015%

Sum of corrected areas: 3277259

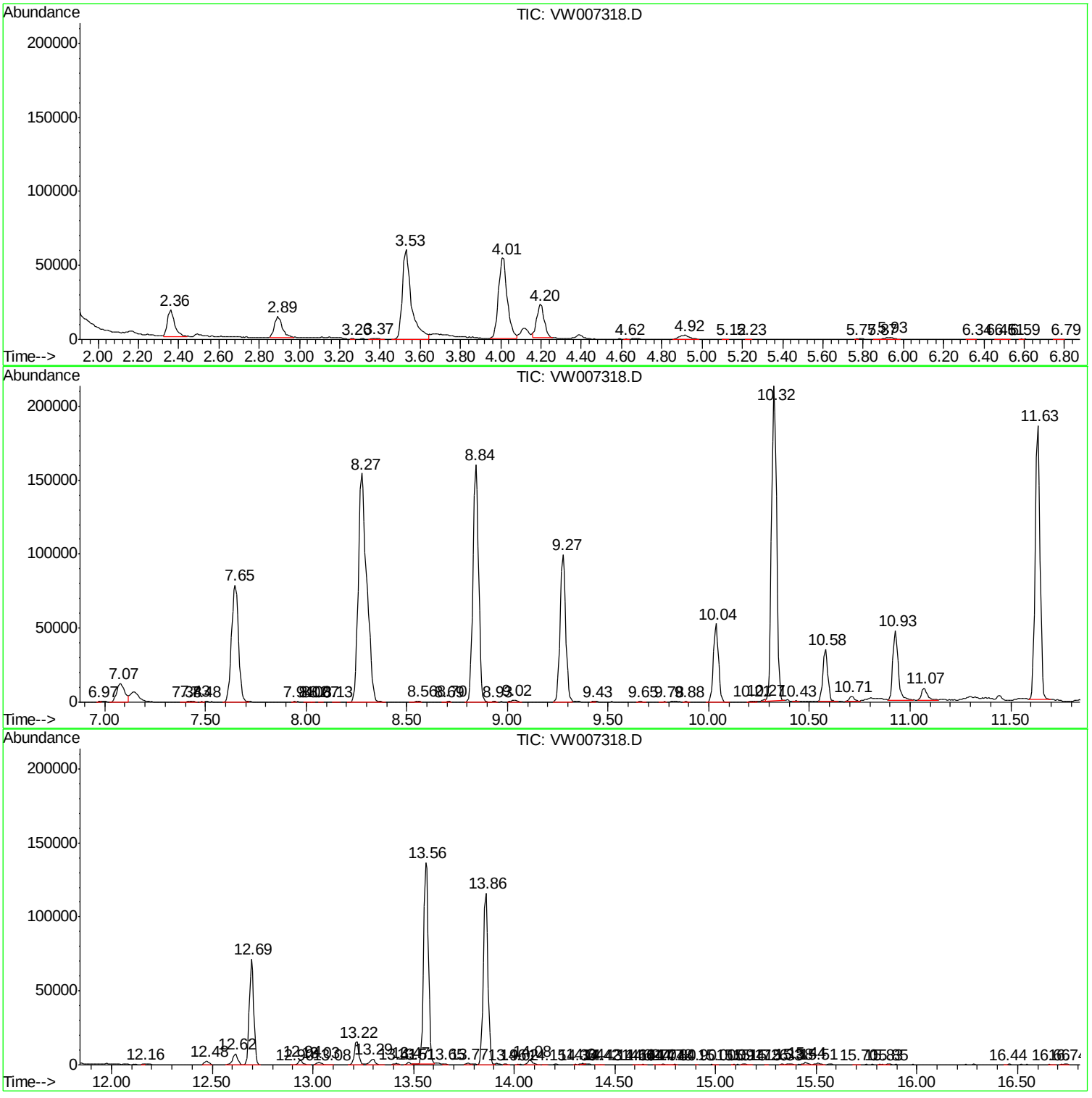
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120718\
Data File : VW007318.D
Acq On : 07 Dec 2018 20:33
Operator : SY/AP
Sample : J6236-06
Misc : 5.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E16

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.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\VW120718\
Data File : VW007318.D
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Instrument : MSVOA_W
ClientSampleId : F9E16

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis

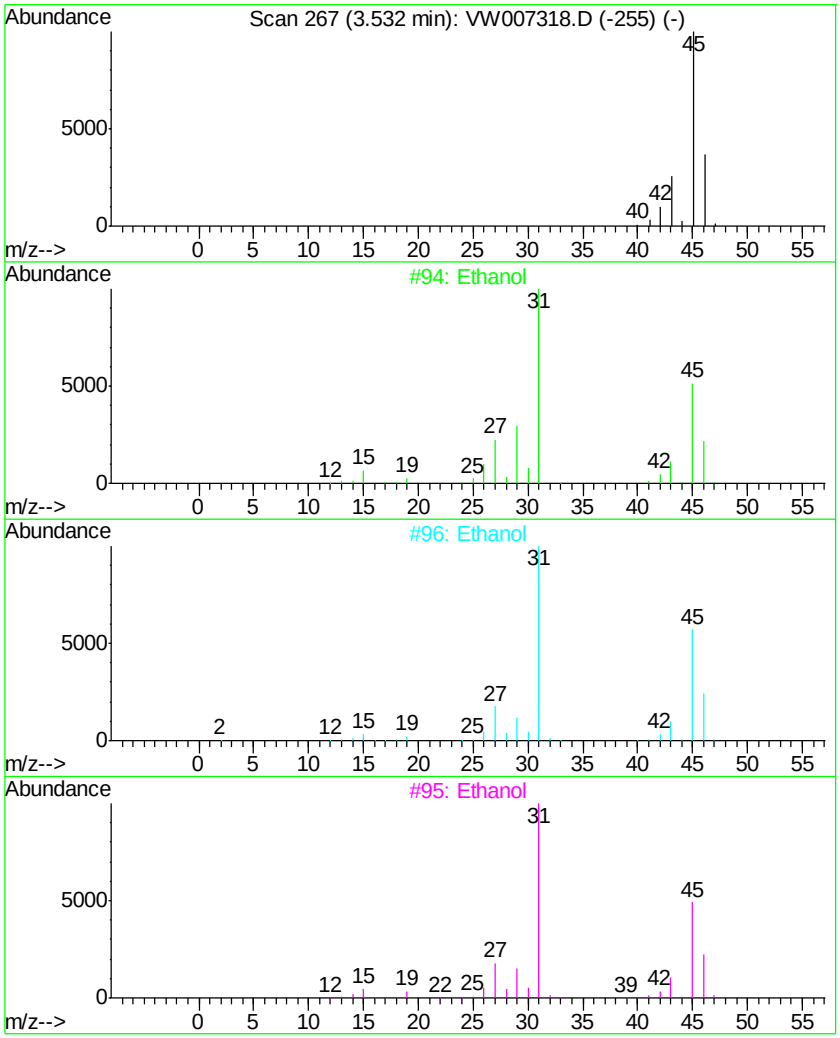
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

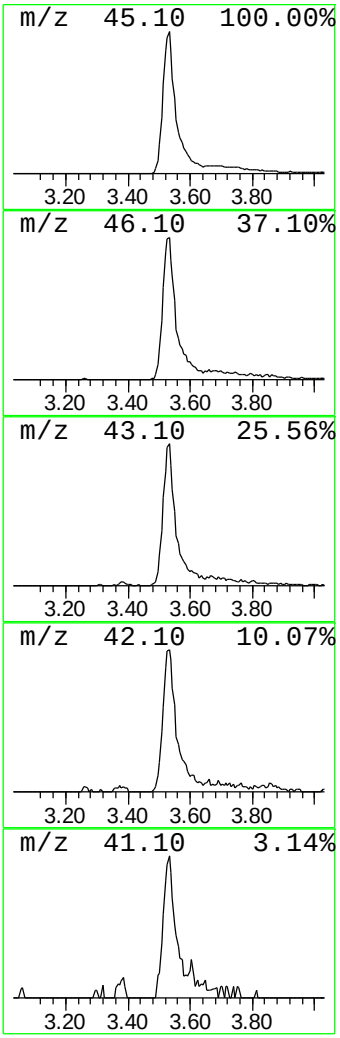
****

Peak Number 1 Ethanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.53	15.17 ug/L	190183	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	74
2	Ethanol	46	C2H6O	000064-17-5	74
3	Ethanol	46	C2H6O	000064-17-5	64
4	Dimethyl ether	46	C2H6O	000115-10-6	9
5	Methane, nitroso-	45	CH3NO	000865-40-7	4





Library Search Compound Report

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Misc : 5.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E16

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis

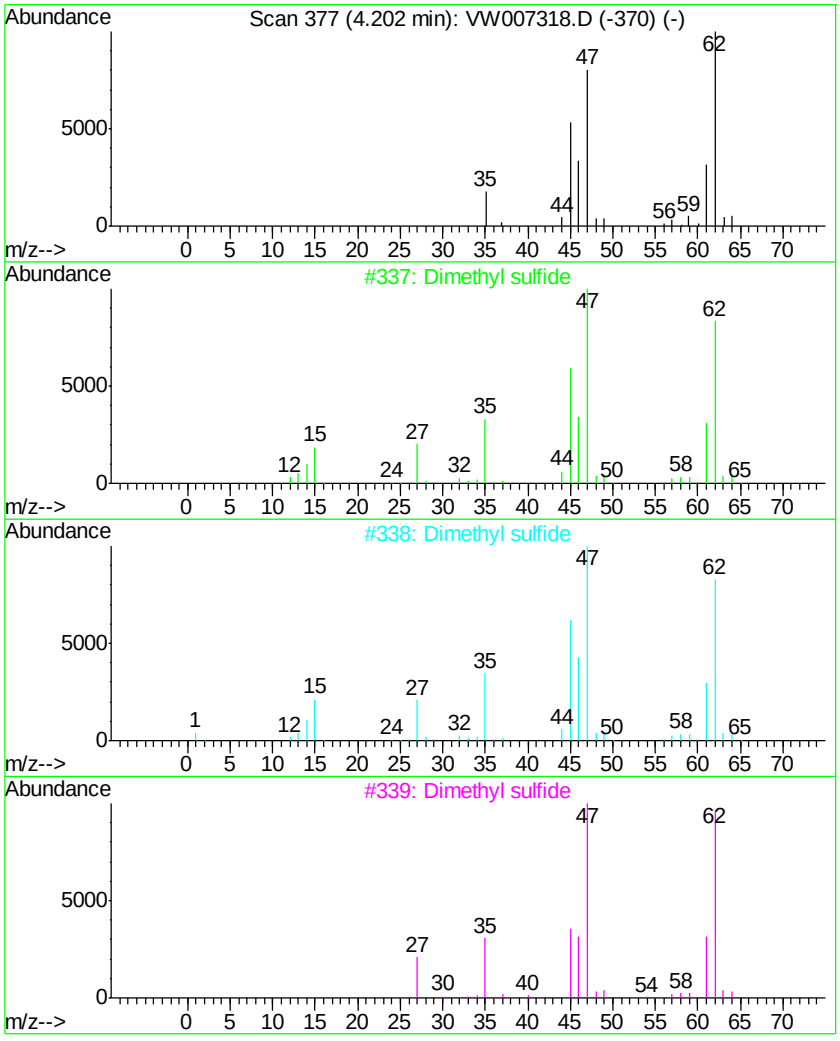
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

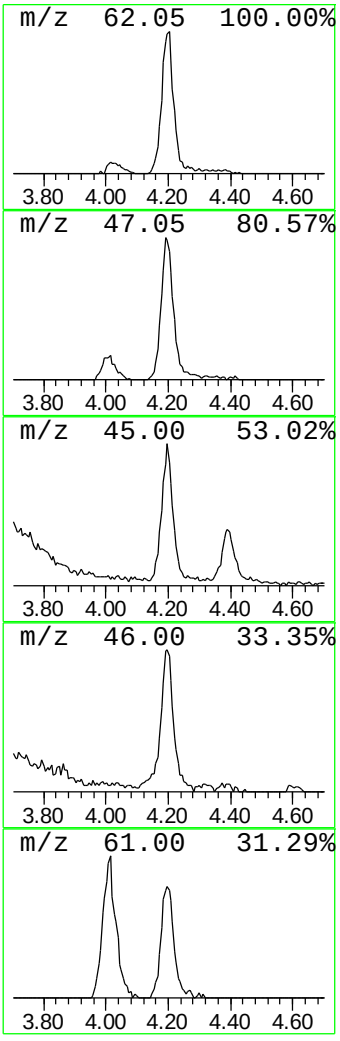
****

Peak Number 2 Dimethyl sulfide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.20	4.55 ug/L	57047	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	94
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	90





Library Search Compound Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E16

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis

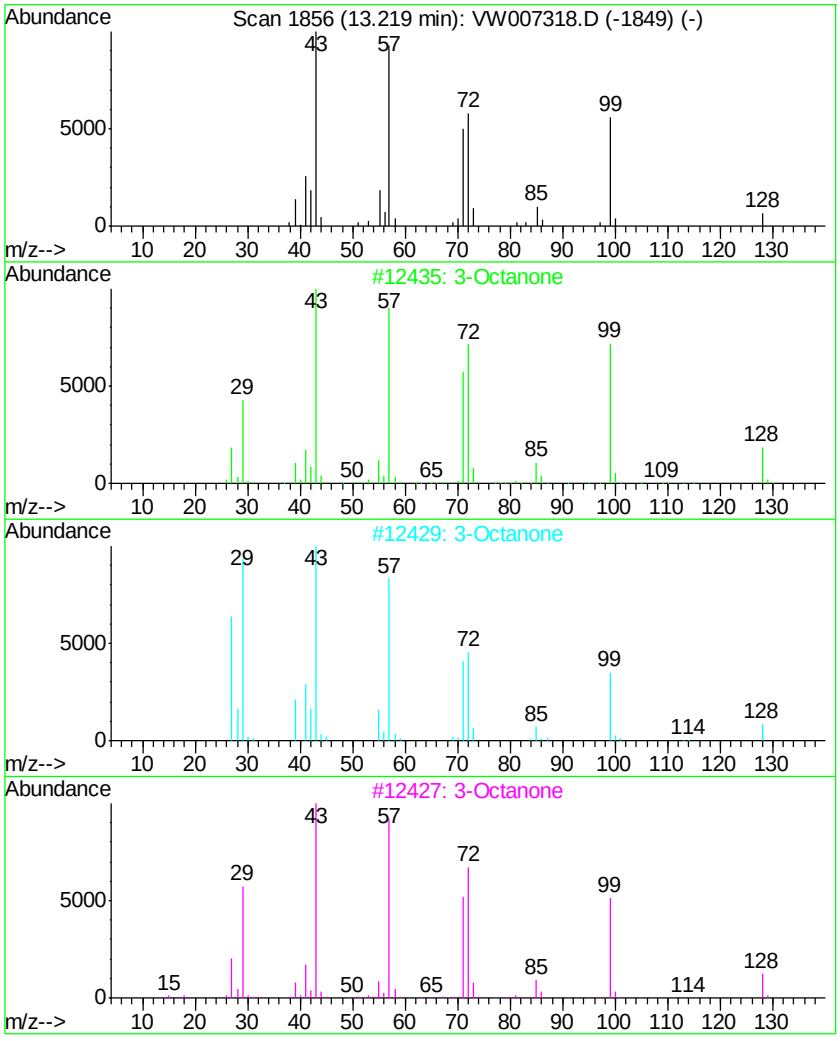
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

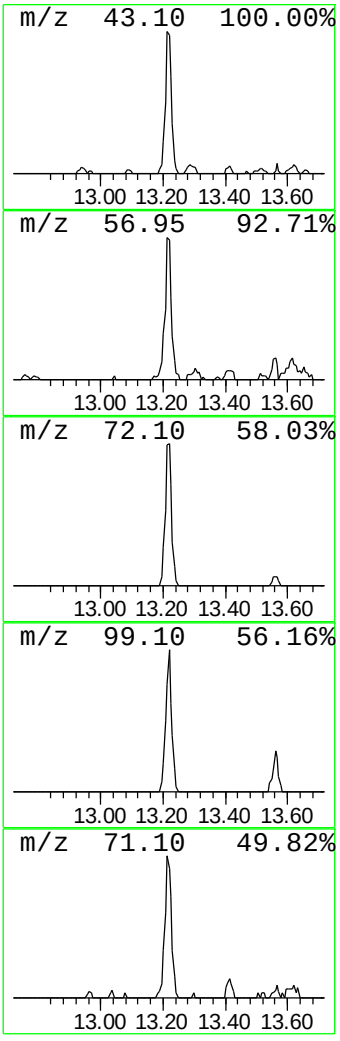
****

Peak Number 6 3-Octanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	2.56 ug/L	23198	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanone	128	C8H16O	000106-68-3	91
2	3-Octanone	128	C8H16O	000106-68-3	90
3	3-Octanone	128	C8H16O	000106-68-3	72
4	3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	64
5	3-Octanone	128	C8H16O	000106-68-3	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120718\
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Operator : SY/AP
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Misc : 5.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E16

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.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	3.53	15.2	ug/L	190183	1	8.84	313392	25.0
Dimethyl sulfide	4.20	4.5	ug/L	57047	1	8.84	313392	25.0
3-Octanone	13.22	2.6	ug/L	23198	3	13.57	226574	25.0