LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032819\
Data File : VW009552.D
Acq On : 28 Mar 2019 23:01
Operator : SY/VA
Sample : K2120-06
Misc : 3.82G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5C9

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	68	74	86	rBV	99955	226464	16.60%	2.707%
2	2.892	157	162	177	rVB	87157	236738	17.35%	2.830%
3	4.019	336	347	360	rBV	149800	525359	38.50%	6.280%
4	4.489	422	424	427	rBV3	848	985	0.07%	0.012%
5	4.580	437	439	440	rBV2	684	690	0.05%	0.008%
6	4.806	473	476	477	rBV2	840	824	0.06%	0.010%
7	4.916	481	494	509	rBV3	37411	154157	11.30%	1.843%
8	5.117	525	527	530	rBV3	940	1421	0.10%	0.017%
9	5.239	546	547	549	rBV2	860	682	0.05%	0.008%
10	5.300	556	557	560	rBV3	897	825	0.06%	0.010%
11	5.422	576	577	579	rBV2	1032	824	0.06%	0.010%
12	5.556	596	599	601	rVB2	790	799	0.06%	0.010%
13	5.580	601	603	604	rBV2	972	716	0.05%	0.009%
14	5.653	611	615	616	rBV2	848	903	0.07%	0.011%
15	5.751	628	631	633	rBV4	1108	1695	0.12%	0.020%
16	5.934	650	661	670	rVV3	13545	40874	3.00%	0.489%
17	6.001	670	672	674	rVV2	888	834	0.06%	0.010%
18	6.019	674	675	677	rVB2	893	606	0.04%	0.007%
19	6.123	689	692	694	rBV3	1073	1565	0.11%	0.019%
20	6.202	702	705	707	rBV3	933	1347	0.10%	0.016%
21	6.263	713	715	720	rVB3	994	1002	0.07%	0.012%
22	6.397	734	737	738	rBV2	1160	967	0.07%	0.012%
23	6.525	754	758	760	rBV3	731	832	0.06%	0.010%
24	6.580	764	767	768	rBV	952	786	0.06%	0.009%
25	6.690	781	785	789	rBV4	920	1440	0.11%	0.017%
26	6.751	793	795	796	rBV2	695	675	0.05%	0.008%
27	6.787	799	801	805	rBV3	968	1115	0.08%	0.013%
28	6.879	811	816	819	rBV6	777	1213	0.09%	0.014%
29	6.921	821	823	826	rBV3	805	726	0.05%	0.009%
30	6.958	826	829	830	rBV3	1065	727	0.05%	0.009%
31	7.074	841	848	856	rBV2	24702	80441	5.90%	0.961%
32	7.263	877	879	881	rBV3	975	906	0.07%	0.011%
33	7.397	899	901	902	rBV2	698	562	0.04%	0.007%
34	7.470	912	913	915	rBV	1399	820	0.06%	0.010%

LSC Area Percent Report

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Sample : K2120-06
Misc : 3.82G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5C9

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	7.513	918	920	921	rBV	1178	729	0.05%	0.009%
36	7.641	931	941	954	rVV	255921	613060	44.93%	7.328%
37	7.756	958	960	965	rVB2	786	725	0.05%	0.009%
38	7.885	979	981	984	rBV2	623	714	0.05%	0.009%
39	7.945	989	991	995	rVB3	1636	1629	0.12%	0.019%
40	7.994	997	999	1002	rVV4	793	806	0.06%	0.010%
41	8.086	1012	1014	1016	rVB3	909	687	0.05%	0.008%
42	8.122	1016	1020	1021	rBV4	988	1113	0.08%	0.013%
43	8.269	1033	1044	1064	rBV2	440880	1364481	100.00%	16.309%
44	8.519	1083	1085	1087	rBV3	790	754	0.06%	0.009%
45	8.549	1087	1090	1095	rVB7	1950	3410	0.25%	0.041%
46	8.842	1129	1138	1149	rBV	382174	767328	56.24%	9.172%
47	8.921	1149	1151	1154	rBV3	1320	1447	0.11%	0.017%
48	9.018	1165	1167	1168	rBV2	1200	976	0.07%	0.012%
49	9.055	1172	1173	1174	rBV	1193	792	0.06%	0.009%
50	9.122	1182	1184	1187	rVB2	1227	891	0.07%	0.011%
51	9.274	1197	1209	1219	rBV	315375	643160	47.14%	7.688%
52	9.445	1235	1237	1244	rVB5	2277	3593	0.26%	0.043%
53	9.640	1268	1269	1273	rBV4	995	1178	0.09%	0.014%
54	9.677	1273	1275	1276	rBV2	743	599	0.04%	0.007%
55	9.762	1284	1289	1291	rBV4	2681	4286	0.31%	0.051%
56	9.884	1307	1309	1317	rVB7	6603	12133	0.89%	0.145%
57	10.030	1325	1333	1341	rBV	104545	192850	14.13%	2.305%
58	10.128	1346	1349	1356	rVB4	8090	15586	1.14%	0.186%
59	10.207	1359	1362	1364	rBV3	1529	2208	0.16%	0.026%
60	10.323	1374	1381	1389	rBV	507263	866061	63.47%	10.352%
61	10.573	1416	1422	1429	rBV	69520	125755	9.22%	1.503%
62	10.927	1474	1480	1492	rBV5	94529	266999	19.57%	3.191%
63	11.628	1589	1595	1612	rVB	407001	717359	52.57%	8.574%
64	12.243	1692	1696	1698	rBV3	3072	4108	0.30%	0.049%
65	12.304	1703	1706	1707	rBV3	1071	1067	0.08%	0.013%
66	12.323	1707	1709	1711	rBV3	1011	906	0.07%	0.011%
67	12.426	1724	1726	1728	rBV2	1018	1004	0.07%	0.012%
68	12.609	1748	1756	1760	rBV5	8362	15896	1.16%	0.190%
69	12.695	1760	1770	1777	rVB	190990	322974	23.67%	3.860%
70	12.841	1792	1794	1795	rBV2	887	720	0.05%	0.009%
71	12.884	1800	1801	1804	rVV2	1071	1019	0.07%	0.012%

LSC Area Percent Report

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Misc : 3.82G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5C9

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\SOM2WLM031419S.M
Title : VOC Analysis

72	12.926	1806	1808	1809	rVV	1564	1311	0.10%	0.016%
73	12.945	1809	1811	1817	rVB5	2193	3304	0.24%	0.039%
74	13.006	1817	1821	1824	rBV4	1382	1748	0.13%	0.021%
75	13.152	1840	1845	1850	rBV3	15062	26511	1.94%	0.317%
76	13.219	1850	1856	1863	rVV	128560	212323	15.56%	2.538%
77	13.292	1864	1868	1875	rVB5	13819	26069	1.91%	0.312%
78	13.408	1883	1887	1894	rVB8	5073	9695	0.71%	0.116%
79	13.560	1906	1912	1918	rBV	243293	389779	28.57%	4.659%
80	13.768	1942	1946	1954	rVB8	3300	5407	0.40%	0.065%
81	13.853	1954	1960	1974	rBV	212520	375033	27.49%	4.483%
82	14.072	1994	1996	2002	rVB2	8156	10140	0.74%	0.121%
83	14.121	2002	2004	2007	rVB3	1676	1427	0.10%	0.017%
84	14.152	2007	2009	2011	rVB3	1243	981	0.07%	0.012%
85	14.463	2058	2060	2061	rBV2	824	740	0.05%	0.009%
86	14.658	2088	2092	2098	rVB7	4325	7267	0.53%	0.087%
87	14.731	2102	2104	2107	rVB3	1134	992	0.07%	0.012%
88	14.798	2112	2115	2120	rVV6	1921	2991	0.22%	0.036%
89	14.932	2135	2137	2141	rBV4	1115	1416	0.10%	0.017%
90	15.237	2186	2187	2190	rVB3	1552	1375	0.10%	0.016%
91	15.267	2190	2192	2193	rBV	1090	918	0.07%	0.011%
92	15.310	2196	2199	2200	rBV2	1318	1087	0.08%	0.013%
93	15.444	2213	2221	2225	rBV5	9548	18631	1.37%	0.223%
94	15.493	2225	2229	2235	rVB6	2625	5801	0.43%	0.069%
95	15.767	2272	2274	2275	rBV	731	565	0.04%	0.007%
96	15.810	2275	2281	2284	rVV8	2729	5732	0.42%	0.069%
97	15.877	2290	2292	2293	rBV2	1275	798	0.06%	0.010%
98	16.029	2313	2317	2318	rBV3	1072	1244	0.09%	0.015%
99	16.334	2363	2367	2368	rBV4	1336	1647	0.12%	0.020%
100	16.682	2420	2424	2425	rBV3	1403	1777	0.13%	0.021%

Sum of corrected areas: 8366232

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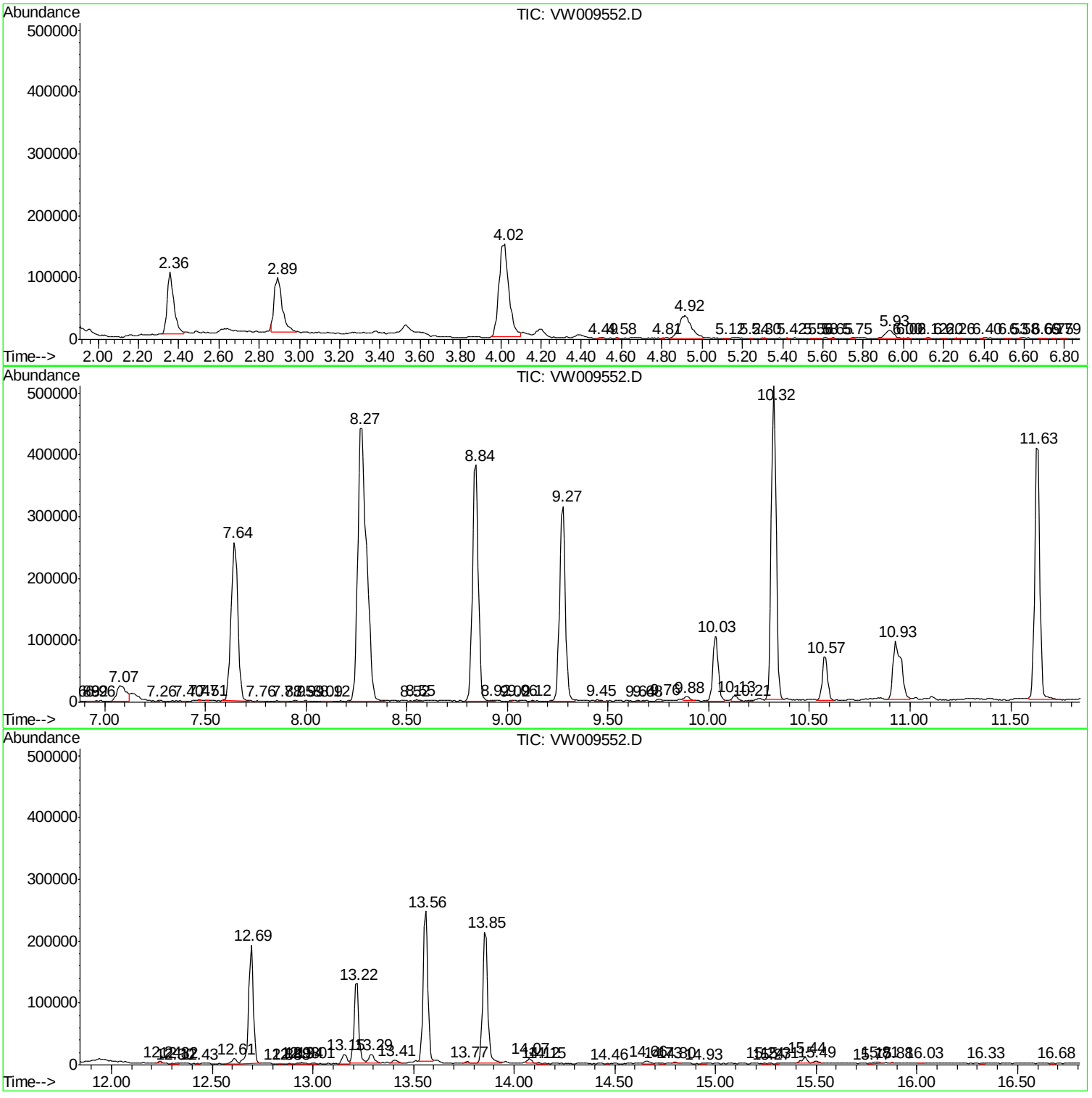
Instrument : MSVOA_W
ClientSampleId : BF5C9

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\VW032819\
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Quant Title : VOC Analysis

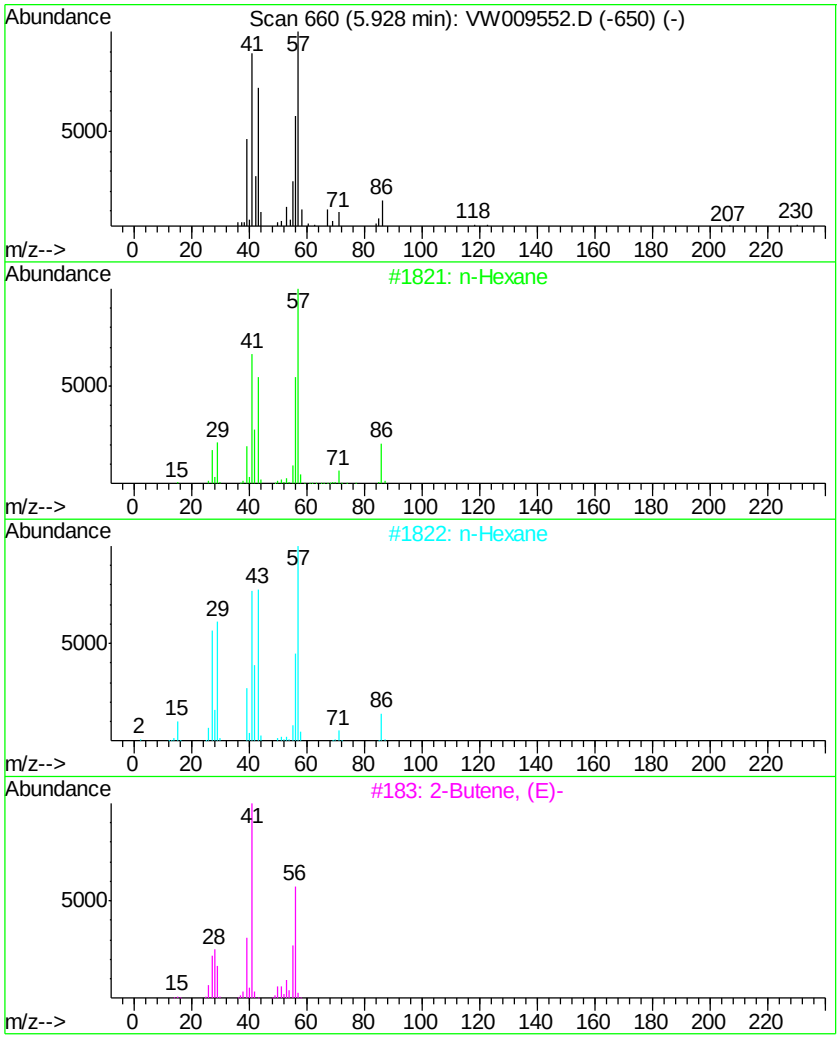
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

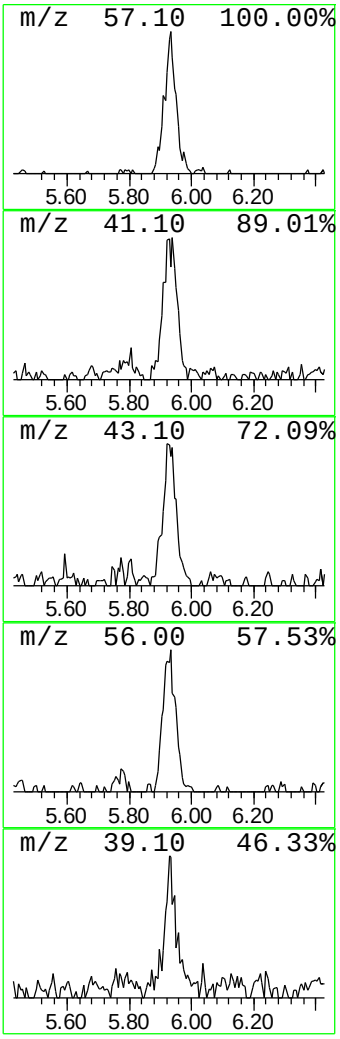
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	1.33 ug/L	40874	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	49
2	n-Hexane	86	C6H14	000110-54-3	47
3	2-Butene, (E)-	56	C4H8	000624-64-6	43
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	43
5	Acetamide, N-2-propenyl-	99	C5H9NO	000692-33-1	38





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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5C9

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

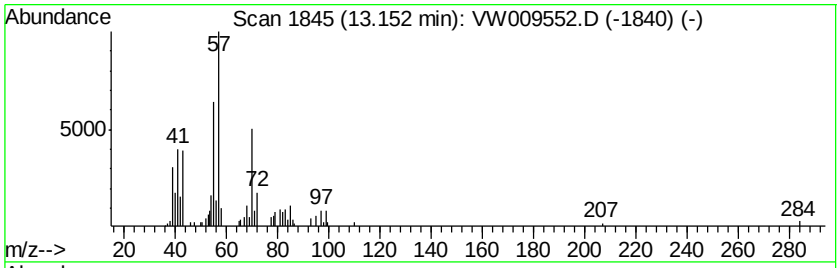
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

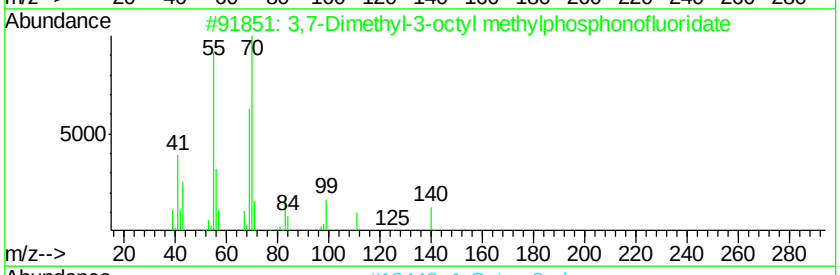
****

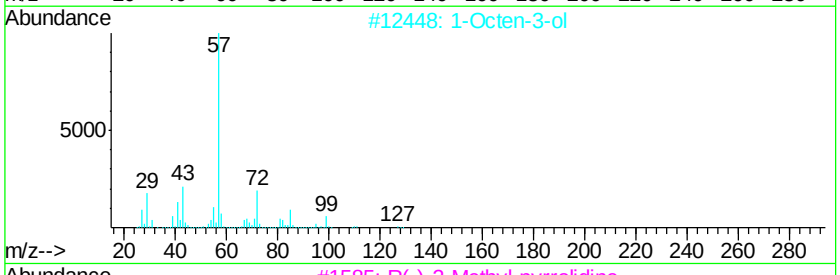
Peak Number 3 unknown-01 Concentration Rank 3

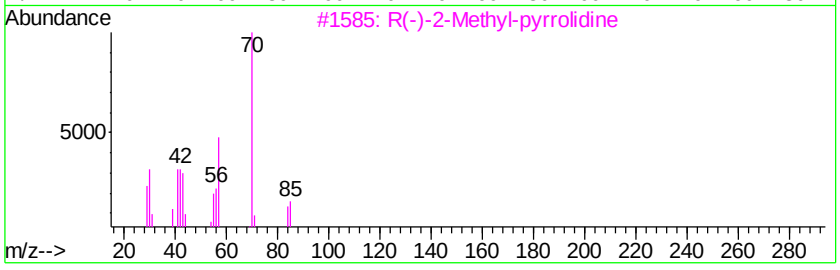
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	1.70 ug/L	26511	1,4-Dichlorobenzene-d4	13.56

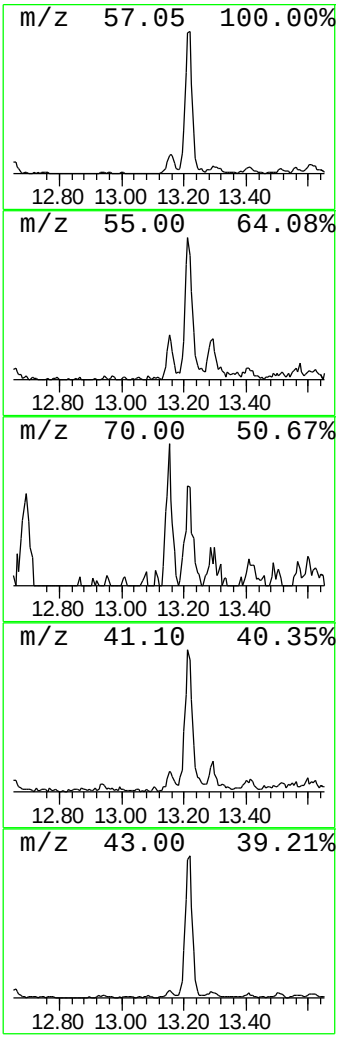
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,7-Dimethyl-3-octyl methylphosp...	238	C11H24FO2P	159395-79-6	38
2	1-Octen-3-ol	128	C8H16O	003391-86-4	35
3	R(-)-2-Methyl-pyrrolidine	85	C5H11N	1000144-17-1	35
4	1-Octen-3-ol	128	C8H16O	003391-86-4	35
5	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	27











Library Search Compound Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5C9

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

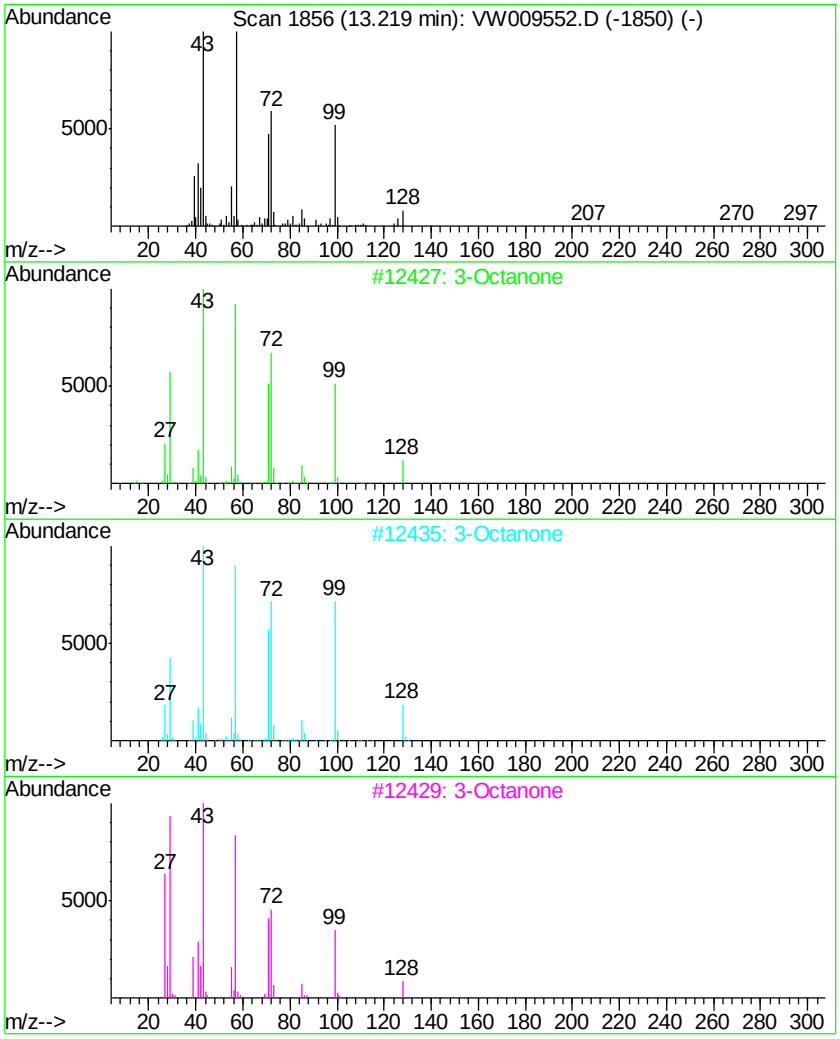
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

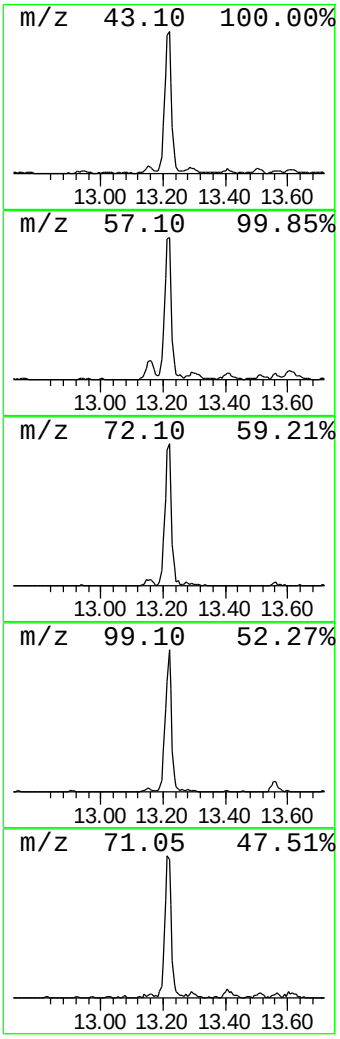
****

Peak Number 4 3-Octanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	13.62 ug/L	212323	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanone	128	C8H16O	000106-68-3	87
2	3-Octanone	128	C8H16O	000106-68-3	81
3	3-Octanone	128	C8H16O	000106-68-3	74
4	2,2-Dimethyl-3-octanone	156	C10H20O	005340-64-7	50
5	4-Methylthiazole	99	C4H5NS	000693-95-8	46





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Operator : SY/VA
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5C9

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

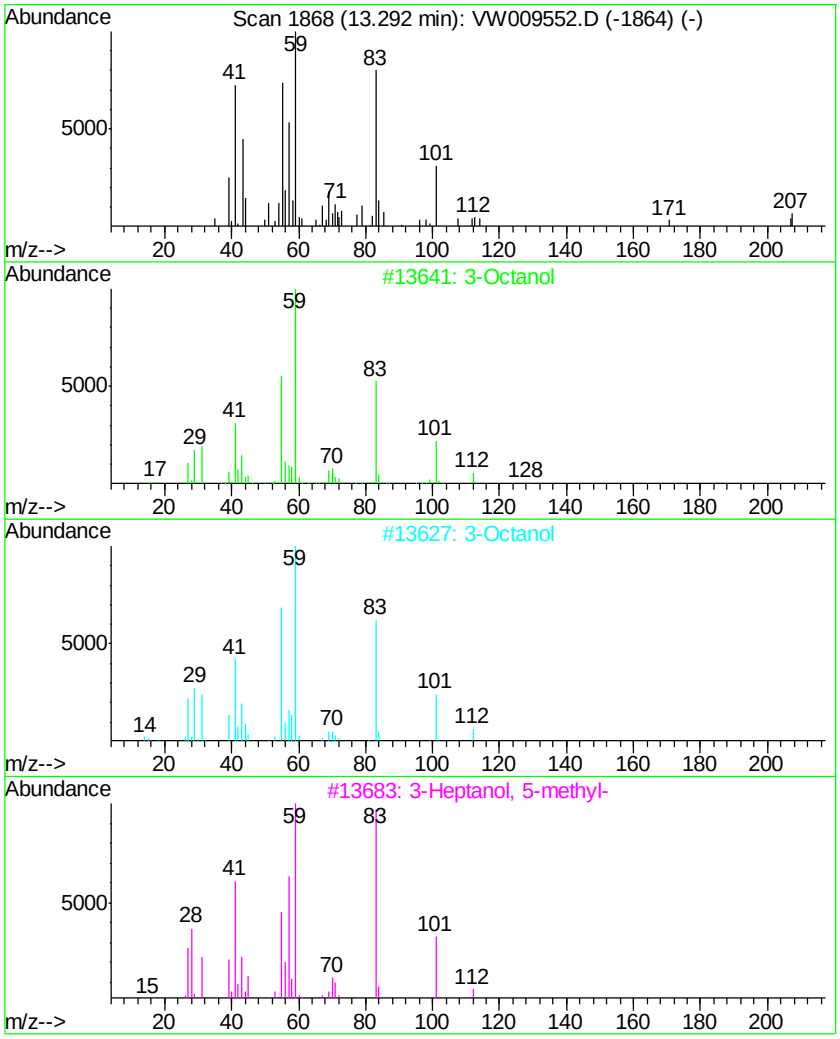
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

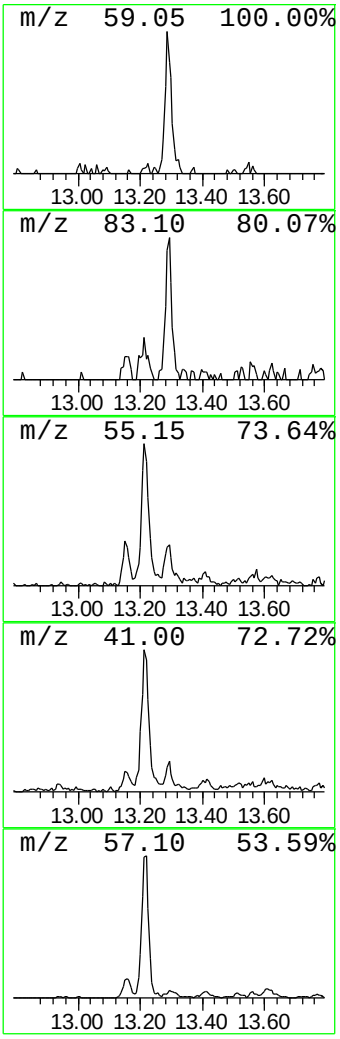
****

Peak Number 5 3-Octanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	1.67 ug/L	26069	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanol	130	C8H18O	000589-98-0	72
2	3-Octanol	130	C8H18O	000589-98-0	72
3	3-Heptanol, 5-methyl-	130	C8H18O	018720-65-5	64
4	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	64
5	3-Heptanol, 5-methyl-	130	C8H18O	018720-65-5	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032819\
Data File : VW009552.D
Acq On : 28 Mar 2019 23:01
Operator : SY/VA
Sample : K2120-06
Misc : 3.82G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5C9

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
(DEL) Alkane: Str...	5.93	1.3	ug/L	40874	1	8.84	767328	25.0
unknown-01	13.15	1.7	ug/L	26511	3	13.56	389779	25.0
3-Octanone	13.22	13.6	ug/L	212323	3	13.56	389779	25.0
3-Octanol	13.29	1.7	ug/L	26069	3	13.56	389779	25.0