LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093020\
Data File : VW016708.D
Acq On : 30 Sep 2020 12:39
Operator : SY/VA
Sample : L4184-17
Misc : 4.41G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AQ1

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\SOM2WLM091520S.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	2.367	69	76	88	rBV	84953	178272	11.29%	1.431%
2	2.904	156	164	183	rBV	70611	195583	12.38%	1.570%
3	3.404	242	246	252	rVB3	1118	2226	0.14%	0.018%
4	3.471	255	257	260	rBV3	459	457	0.03%	0.004%
5	3.532	265	267	270	rBV3	439	718	0.05%	0.006%
6	3.593	275	277	280	rBV2	444	415	0.03%	0.003%
7	3.898	324	327	330	rVB	548	542	0.03%	0.004%
8	4.032	337	349	367	rBV	178755	547037	34.63%	4.392%
9	4.221	374	380	388	rVB3	3728	9824	0.62%	0.079%
10	4.501	423	426	429	rBV2	328	389	0.02%	0.003%
11	4.922	486	495	496	rBV3	7606	13275	0.84%	0.107%
12	5.958	656	665	668	rBV4	2645	6044	0.38%	0.049%
13	6.525	756	758	760	rVB2	467	407	0.03%	0.003%
14	6.610	765	772	779	rBV6	2433	6022	0.38%	0.048%
15	7.086	839	850	856	rBV	31803	94664	5.99%	0.760%
16	7.293	881	884	887	rBV4	450	568	0.04%	0.005%
17	7.494	915	917	920	rVB2	399	433	0.03%	0.003%
18	7.531	920	923	924	rBV	486	503	0.03%	0.004%
19	7.659	933	944	957	rBV	286683	695857	44.06%	5.587%
20	7.964	987	994	1000	rVB4	1288	2690	0.17%	0.022%
21	8.281	1033	1046	1064	rBV2	543539	1579502	100.00%	12.681%
22	8.580	1093	1095	1098	rVB	359	375	0.02%	0.003%
23	8.628	1098	1103	1104	rBV2	434	523	0.03%	0.004%
24	8.695	1110	1114	1115	rBV3	826	928	0.06%	0.007%
25	8.848	1130	1139	1155	rBV	641767	1270693	80.45%	10.202%
26	9.067	1172	1175	1176	rBV	1474	1150	0.07%	0.009%
27	9.281	1200	1210	1225	rBV	354719	720949	45.64%	5.788%
28	9.384	1225	1227	1234	rVB6	1749	2786	0.18%	0.022%
29	9.464	1236	1240	1251	rVB4	2011	4737	0.30%	0.038%
30	9.665	1268	1273	1282	rBV3	2057	4132	0.26%	0.033%
31	9.762	1282	1289	1298	rVB	27709	54038	3.42%	0.434%
32	9.896	1302	1311	1324	rBV2	59087	121190	7.67%	0.973%
33	10.037	1327	1334	1346	rBV	172517	314030	19.88%	2.521%
34	10.250	1361	1369	1375	rBV	34634	62950	3.99%	0.505%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093020\
Data File : VW016708.D
Acq On : 30 Sep 2020 12:39
Operator : SY/VA
Sample : L4184-17
Misc : 4.41G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AQ1

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\SOM2WLM091520S.M
Title : VOC Analysis

35	10.329	1375	1382	1391	rVV	744559	1323880	83.82%	10.629%
36	10.433	1392	1399	1404	rVV2	18584	32662	2.07%	0.262%
37	10.488	1404	1408	1409	rVV	6055	8221	0.52%	0.066%
38	10.518	1409	1413	1417	rVV3	20708	32922	2.08%	0.264%
39	10.579	1417	1423	1428	rVV	110647	192809	12.21%	1.548%
40	10.628	1428	1431	1437	rVB2	29485	45089	2.85%	0.362%
41	10.707	1437	1444	1449	rVB2	15264	31678	2.01%	0.254%
42	10.780	1449	1456	1462	rVB2	38047	62031	3.93%	0.498%
43	10.854	1462	1468	1474	rVB6	2426	4410	0.28%	0.035%
44	10.927	1474	1480	1493	rBV	127562	229583	14.54%	1.843%
45	11.036	1493	1498	1501	rBV3	4763	8694	0.55%	0.070%
46	11.177	1514	1521	1525	rVB7	2060	4131	0.26%	0.033%
47	11.232	1527	1530	1533	rBV3	850	1200	0.08%	0.010%
48	11.286	1534	1539	1544	rBV6	2278	5535	0.35%	0.044%
49	11.347	1544	1549	1552	rBV2	4436	6339	0.40%	0.051%
50	11.390	1554	1556	1561	rVB5	1262	1500	0.09%	0.012%
51	11.439	1562	1564	1569	rVB2	2607	2940	0.19%	0.024%
52	11.549	1574	1582	1586	rBV5	2290	4390	0.28%	0.035%
53	11.634	1586	1596	1603	rBV	800022	1389992	88.00%	11.159%
54	11.780	1616	1620	1625	rBV5	660	1349	0.09%	0.011%
55	11.829	1625	1628	1629	rVV2	1502	1470	0.09%	0.012%
56	11.878	1631	1636	1641	rVV	16893	29121	1.84%	0.234%
57	12.036	1657	1662	1663	rBV3	1551	2192	0.14%	0.018%
58	12.073	1663	1668	1673	rVV	5880	9363	0.59%	0.075%
59	12.170	1682	1684	1688	rVB4	819	913	0.06%	0.007%
60	12.201	1688	1689	1691	rVB2	615	369	0.02%	0.003%
61	12.244	1691	1696	1700	rBV5	1556	3097	0.20%	0.025%
62	12.329	1707	1710	1711	rBV2	501	688	0.04%	0.006%
63	12.353	1711	1714	1715	rBV2	1087	1062	0.07%	0.009%
64	12.433	1724	1727	1728	rBV3	499	482	0.03%	0.004%
65	12.475	1728	1734	1739	rVB	16316	27421	1.74%	0.220%
66	12.603	1745	1755	1761	rBV2	40552	86510	5.48%	0.695%
67	12.695	1763	1770	1779	rBV	238729	443247	28.06%	3.559%
68	12.835	1791	1793	1796	rBV3	974	1192	0.08%	0.010%
69	12.963	1805	1814	1819	rBV5	9894	22461	1.42%	0.180%
70	13.024	1819	1824	1831	rVB3	20207	38133	2.41%	0.306%
71	13.134	1831	1842	1843	rBV5	3210	7760	0.49%	0.062%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093020\
Data File : VW016708.D
Acq On : 30 Sep 2020 12:39
Operator : SY/VA
Sample : L4184-17
Misc : 4.41G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AQ1

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\SOM2WLM091520S.M
Title : VOC Analysis

72	13.195	1843	1852	1858	rVB	42339	73503	4.65%	0.590%
73	13.304	1864	1870	1877	rVB2	22284	38244	2.42%	0.307%
74	13.408	1877	1887	1893	rBV	70248	130710	8.28%	1.049%
75	13.475	1894	1898	1901	rBV4	8913	15562	0.99%	0.125%
76	13.560	1906	1912	1917	rVV	651872	1068303	67.64%	8.577%
77	13.603	1917	1919	1930	rVB2	66922	133329	8.44%	1.070%
78	13.768	1940	1946	1953	rVB2	22769	43582	2.76%	0.350%
79	13.853	1953	1960	1967	rBV	513179	853750	54.05%	6.854%
80	14.073	1990	1996	2011	rVB2	38912	75912	4.81%	0.609%
81	14.194	2013	2016	2021	rVB5	1500	2660	0.17%	0.021%
82	14.255	2023	2026	2029	rBV4	1009	1491	0.09%	0.012%
83	14.329	2031	2038	2043	rBV6	5252	9064	0.57%	0.073%
84	14.505	2060	2067	2068	rBV5	2010	3701	0.23%	0.030%
85	14.524	2068	2070	2077	rVB5	3802	5715	0.36%	0.046%
86	14.725	2093	2103	2111	rBV3	8003	13774	0.87%	0.111%
87	14.804	2113	2116	2119	rVV4	489	848	0.05%	0.007%
88	14.853	2123	2124	2126	rBV2	616	481	0.03%	0.004%
89	14.944	2135	2139	2140	rBV3	1281	1387	0.09%	0.011%
90	15.213	2181	2183	2187	rVB5	785	876	0.06%	0.007%
91	15.261	2187	2191	2195	rBV5	802	1366	0.09%	0.011%
92	15.414	2212	2216	2217	rBV3	1664	2280	0.14%	0.018%
93	15.438	2217	2220	2224	rVV5	4867	6776	0.43%	0.054%
94	15.493	2225	2229	2235	rVB4	1998	3952	0.25%	0.032%
95	15.554	2237	2239	2244	rVB6	1561	1999	0.13%	0.016%
96	15.664	2254	2257	2258	rBV3	708	838	0.05%	0.007%
97	15.773	2269	2275	2277	rBV5	1898	3823	0.24%	0.031%
98	16.036	2316	2318	2319	rBV2	960	926	0.06%	0.007%
99	16.316	2360	2364	2366	rBV5	864	1407	0.09%	0.011%
100	16.578	2406	2407	2411	rBV3	633	763	0.05%	0.006%

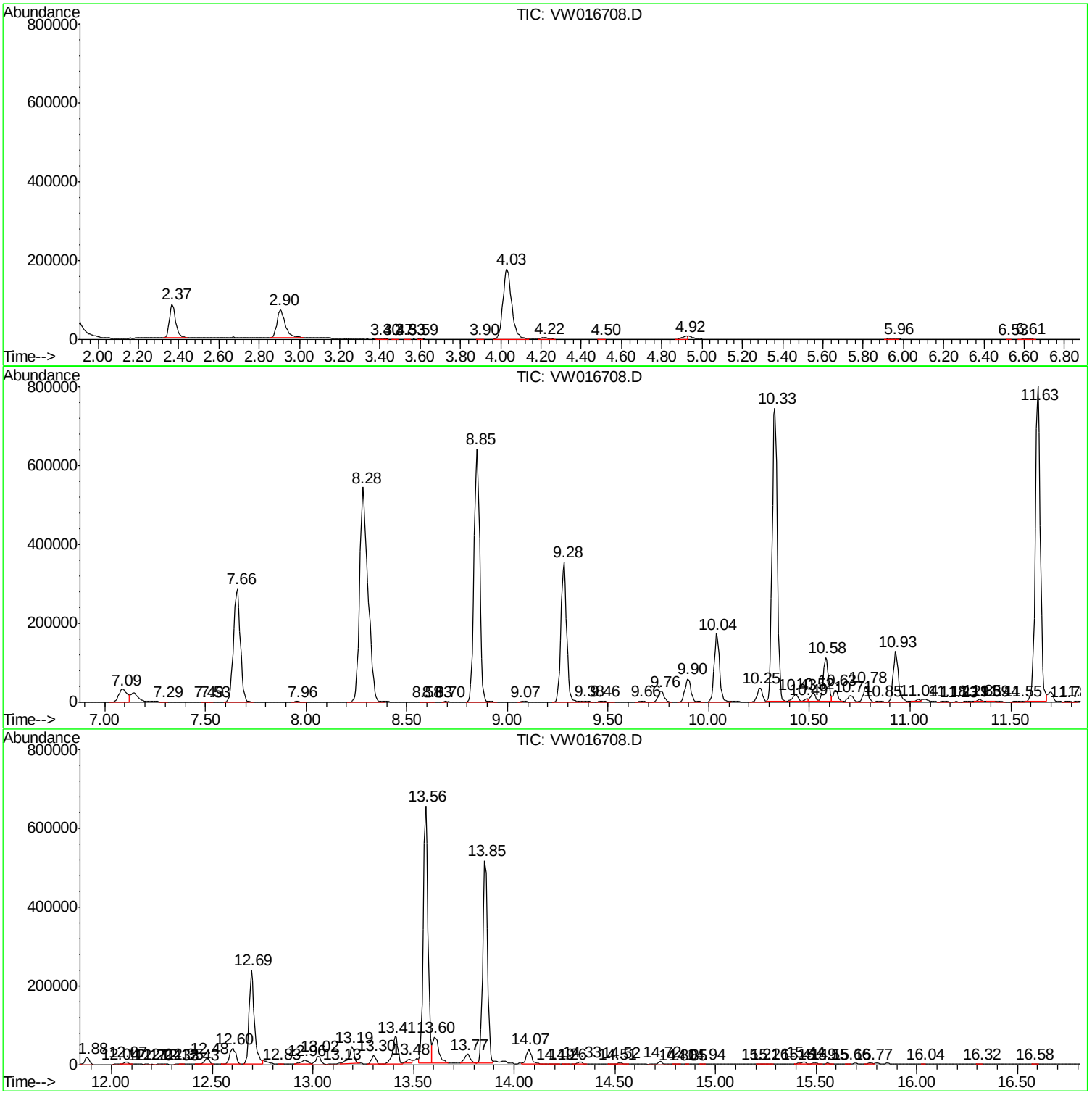
Sum of corrected areas: 12455767

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093020\
Data File : VW016708.D
Acq On : 30 Sep 2020 12:39
Operator : SY/VA
Sample : L4184-17
Misc : 4.41G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AQ1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093020\
Data File : VW016708.D
Acq On : 30 Sep 2020 12:39
Operator : SY/VA
Sample : L4184-17
Misc : 4.41G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AQ1

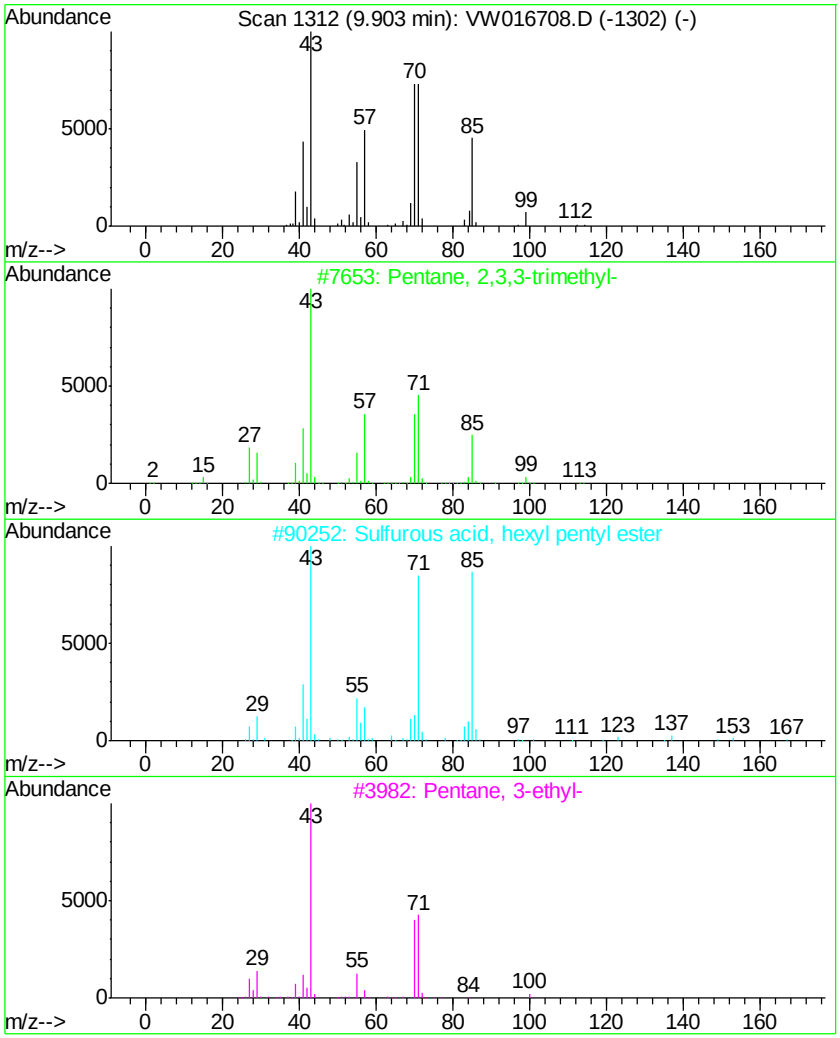
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

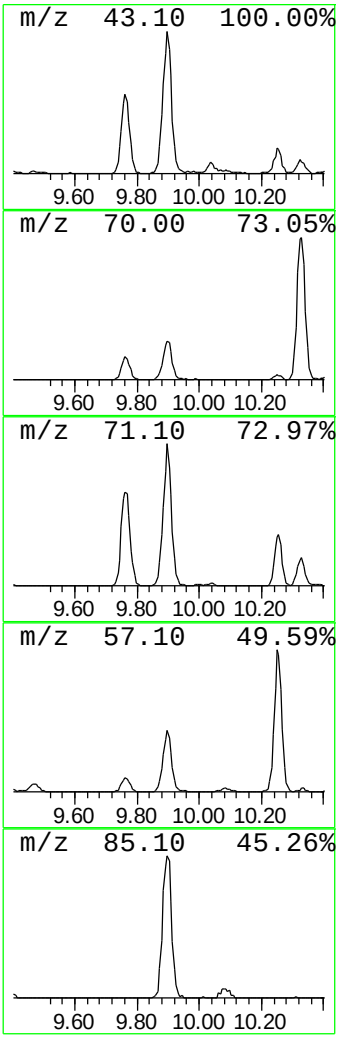
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	2.38 ug/L	121190	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	78
2	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	64
3	Pentane, 3-ethyl-	100	C7H16	000617-78-7	59
4	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	59
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW093020\
Data File : VW016708.D
Acq On : 30 Sep 2020 12:39
Operator : SY/VA
Sample : L4184-17
Misc : 4.41G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AQ1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

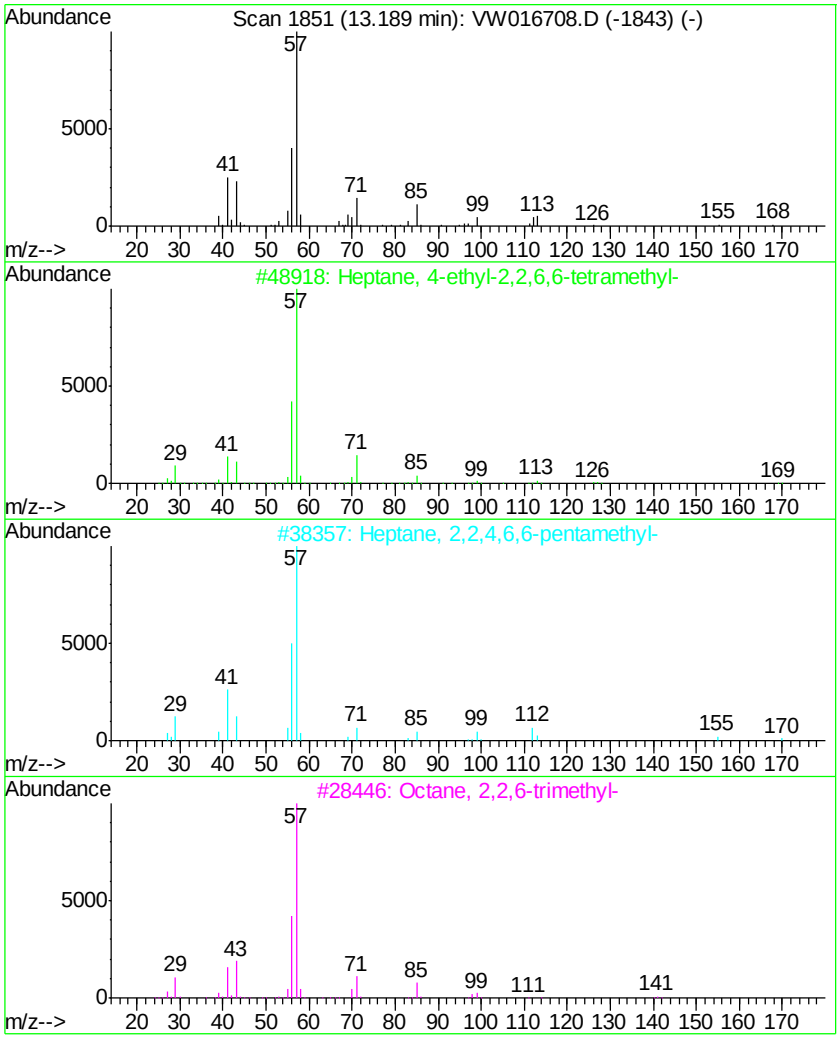
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

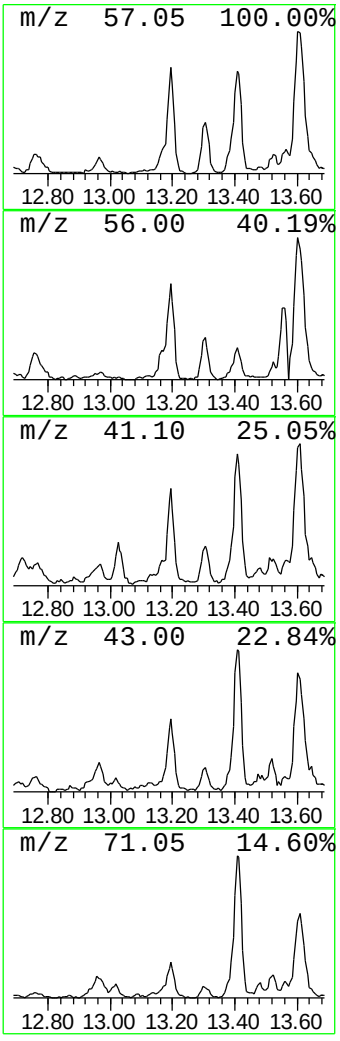
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	1.72 ug/L	73503	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	64
2	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	64
3	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	64
4	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	64
5	Decane, 2,2,9-trimethyl-	184	C13H28	062238-00-0	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093020\
Data File : VW016708.D
Acq On : 30 Sep 2020 12:39
Operator : SY/VA
Sample : L4184-17
Misc : 4.41G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AQ1

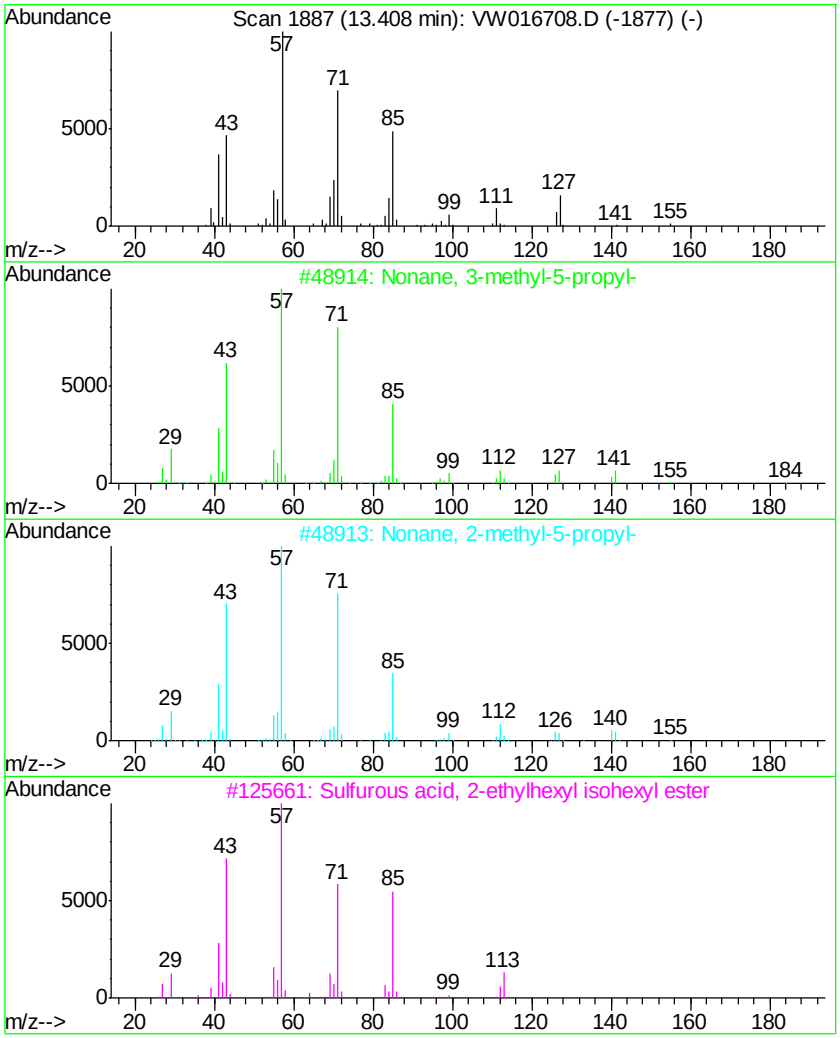
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

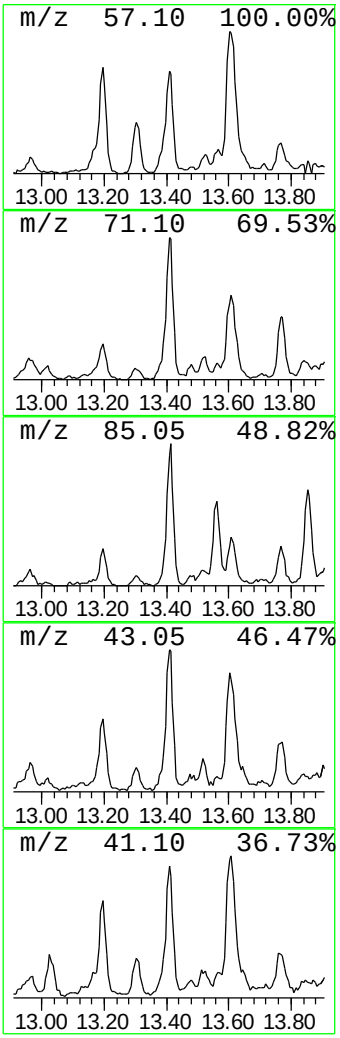
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	3.06 ug/L	130710	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	59
2	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	59
3	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	50
4	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	50
5	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW093020\
Data File : VW016708.D
Acq On : 30 Sep 2020 12:39
Operator : SY/VA
Sample : L4184-17
Misc : 4.41G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AQ1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.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...	9.90	2.4	ug/L	121190	1	8.85	1270690	25.0
(DEL) Alkane: Str...	13.19	1.7	ug/L	73503	3	13.56	1068300	25.0
(DEL) Alkane: Str...	13.41	3.1	ug/L	130710	3	13.56	1068300	25.0