LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040319\
Data File : VW009676.D
Acq On : 04 Apr 2019 00:55
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK

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\SOM2WLM040319S.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	1.959	6	9	12	rVB3	2717	4262	0.18%	0.021%
2	2.160	37	42	43	rBV3	3266	5276	0.22%	0.027%
3	2.221	47	52	53	rBV4	3124	5471	0.23%	0.028%
4	2.355	67	74	90	rBV	150305	362779	15.04%	1.826%
5	2.593	111	113	114	rBV2	2137	1439	0.06%	0.007%
6	2.623	114	118	120	rBV4	8520	12552	0.52%	0.063%
7	2.739	135	137	139	rVB3	3277	2203	0.09%	0.011%
8	2.794	144	146	148	rBV3	2364	1614	0.07%	0.008%
9	2.892	154	162	175	rBV	108695	299994	12.44%	1.510%
10	3.062	188	190	195	rVB6	1990	2294	0.10%	0.012%
11	3.148	202	204	207	rBV4	2460	2592	0.11%	0.013%
12	3.263	221	223	225	rBV3	2173	2575	0.11%	0.013%
13	3.385	242	243	246	rBV3	2329	2890	0.12%	0.015%
14	3.428	248	250	252	rBV3	1750	1534	0.06%	0.008%
15	3.513	262	264	265	rBV2	2752	1415	0.06%	0.007%
16	3.727	297	299	301	rVB2	1880	1448	0.06%	0.007%
17	3.824	312	315	316	rBV3	2109	1280	0.05%	0.006%
18	3.843	316	318	319	rBV2	1799	1842	0.08%	0.009%
19	3.867	319	322	332	rVB10	3172	6165	0.26%	0.031%
20	4.013	334	346	364	rBV	267042	917790	38.05%	4.621%
21	4.318	394	396	398	rVB3	1206	1084	0.04%	0.005%
22	4.391	401	408	420	rBV	6949	20997	0.87%	0.106%
23	4.592	436	441	443	rBV5	748	1094	0.05%	0.006%
24	4.672	451	454	455	rBV2	1142	1244	0.05%	0.006%
25	4.909	480	493	504	rBV3	24449	99995	4.15%	0.503%
26	5.050	514	516	519	rBV4	969	1073	0.04%	0.005%
27	5.153	530	533	534	rBV2	1116	1355	0.06%	0.007%
28	5.434	577	579	583	rVB4	826	1089	0.05%	0.005%
29	5.598	601	606	609	rVB6	948	1556	0.06%	0.008%
30	5.702	618	623	626	rBV3	739	1312	0.05%	0.007%
31	5.775	632	635	637	rBV2	1027	1043	0.04%	0.005%
32	5.934	648	661	670	rBV3	14537	46111	1.91%	0.232%
33	6.208	704	706	711	rVB3	869	1093	0.05%	0.006%
34	6.690	783	785	788	rBV2	1029	1210	0.05%	0.006%

LSC Area Percent Report

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Acq On : 04 Apr 2019 00:55
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK

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\SOM2WLM040319S.M
Title : VOC Analysis

35	7.074	838	848	867	rBV	96452	294091	12.19%	1.481%
36	7.238	874	875	879	rVB3	1255	1165	0.05%	0.006%
37	7.421	903	905	907	rBV3	1443	1439	0.06%	0.007%
38	7.470	910	913	917	rBV2	936	1490	0.06%	0.008%
39	7.537	922	924	928	rVB5	1620	1675	0.07%	0.008%
40	7.647	928	942	953	rBV	416803	1007960	41.79%	5.075%
41	7.939	985	990	992	rBV5	1387	2366	0.10%	0.012%
42	7.988	996	998	1001	rBV3	966	1047	0.04%	0.005%
43	8.128	1017	1021	1022	rBV2	1050	1052	0.04%	0.005%
44	8.275	1033	1045	1061	rBV2	793590	2412250	100.00%	12.144%
45	8.482	1074	1079	1080	rBV4	1149	1486	0.06%	0.007%
46	8.506	1080	1083	1088	rVB4	1114	1488	0.06%	0.007%
47	8.555	1088	1091	1094	rVB4	1698	1692	0.07%	0.009%
48	8.616	1100	1101	1106	rVB4	1439	1967	0.08%	0.010%
49	8.689	1110	1113	1116	rVB4	1354	1303	0.05%	0.007%
50	8.842	1128	1138	1149	rVV	775060	1537001	63.72%	7.738%
51	8.921	1149	1151	1152	rVV2	1609	1377	0.06%	0.007%
52	8.939	1152	1154	1156	rVV3	1540	1475	0.06%	0.007%
53	9.055	1171	1173	1175	rBV3	2558	2502	0.10%	0.013%
54	9.073	1175	1176	1181	rVB5	3426	4209	0.17%	0.021%
55	9.116	1181	1183	1186	rBV4	908	1122	0.05%	0.006%
56	9.159	1186	1190	1194	rVB6	1290	1999	0.08%	0.010%
57	9.214	1194	1199	1200	rBV5	1234	1441	0.06%	0.007%
58	9.275	1200	1209	1218	rBV	537357	1113553	46.16%	5.606%
59	9.390	1226	1228	1229	rVB2	1485	1015	0.04%	0.005%
60	9.421	1231	1233	1235	rVB3	1600	1470	0.06%	0.007%
61	9.445	1235	1237	1238	rBV2	1601	1511	0.06%	0.008%
62	9.470	1238	1241	1245	rVB6	1666	2455	0.10%	0.012%
63	9.506	1245	1247	1251	rBV5	1758	1534	0.06%	0.008%
64	9.653	1269	1271	1273	rBV3	2401	2709	0.11%	0.014%
65	9.756	1281	1288	1296	rBV3	10266	24261	1.01%	0.122%
66	9.835	1298	1301	1303	rBV4	950	1435	0.06%	0.007%
67	9.890	1303	1310	1321	rBV2	26552	57543	2.39%	0.290%
68	10.031	1324	1333	1342	rBV	307379	564171	23.39%	2.840%
69	10.098	1342	1344	1347	rVB4	2050	1860	0.08%	0.009%
70	10.250	1363	1369	1373	rBV3	13015	21591	0.90%	0.109%
71	10.323	1373	1381	1389	rBV	1136948	1970948	81.71%	9.923%

LSC Area Percent Report

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Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK

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\SOM2WLM040319S.M
Title : VOC Analysis

72	10.579	1415	1423	1430	rBV	203663	362142	15.01%	1.823%
73	10.707	1437	1444	1450	rVB2	15823	31338	1.30%	0.158%
74	10.762	1451	1453	1454	rBV2	2910	2201	0.09%	0.011%
75	10.847	1464	1467	1472	rVB7	6207	9590	0.40%	0.048%
76	10.927	1472	1480	1490	rBV2	374099	672409	27.87%	3.385%
77	11.341	1546	1548	1551	rBV4	3242	4130	0.17%	0.021%
78	11.414	1554	1560	1562	rBV7	7064	15942	0.66%	0.080%
79	11.536	1566	1580	1585	rVV7	49678	230844	9.57%	1.162%
80	11.628	1589	1595	1606	rVB	1140824	1995438	82.72%	10.046%
81	11.872	1633	1635	1639	rBV5	5958	6143	0.25%	0.031%
82	11.981	1649	1653	1654	rBV4	4036	5461	0.23%	0.027%
83	12.055	1663	1665	1668	rBV3	5366	6757	0.28%	0.034%
84	12.292	1702	1704	1707	rBV4	4582	5809	0.24%	0.029%
85	12.609	1751	1756	1762	rBV	56935	103096	4.27%	0.519%
86	12.695	1764	1770	1782	rVB	485665	825416	34.22%	4.156%
87	12.878	1794	1800	1801	rBV6	9133	17707	0.73%	0.089%
88	13.560	1906	1912	1919	rVB	1147074	1831114	75.91%	9.219%
89	13.853	1954	1960	1967	rBV	1019074	1701940	70.55%	8.568%
90	14.079	1991	1997	2011	rVB2	89626	214396	8.89%	1.079%
91	14.390	2044	2048	2052	rBV5	45673	78067	3.24%	0.393%
92	14.554	2071	2075	2079	rVB6	26374	41401	1.72%	0.208%
93	14.670	2090	2094	2096	rBV4	18292	30786	1.28%	0.155%
94	14.798	2111	2115	2120	rVB3	44645	76955	3.19%	0.387%
95	15.267	2190	2192	2199	rVB2	39520	58679	2.43%	0.295%
96	15.334	2199	2203	2209	rBV	84899	132697	5.50%	0.668%
97	15.505	2226	2231	2239	rVB	188154	357430	14.82%	1.799%
98	15.810	2277	2281	2288	rVB7	25614	47109	1.95%	0.237%
99	16.225	2346	2349	2355	rVB2	23937	33933	1.41%	0.171%
100	16.298	2356	2361	2368	rVB2	49889	96737	4.01%	0.487%

Sum of corrected areas: 19862991

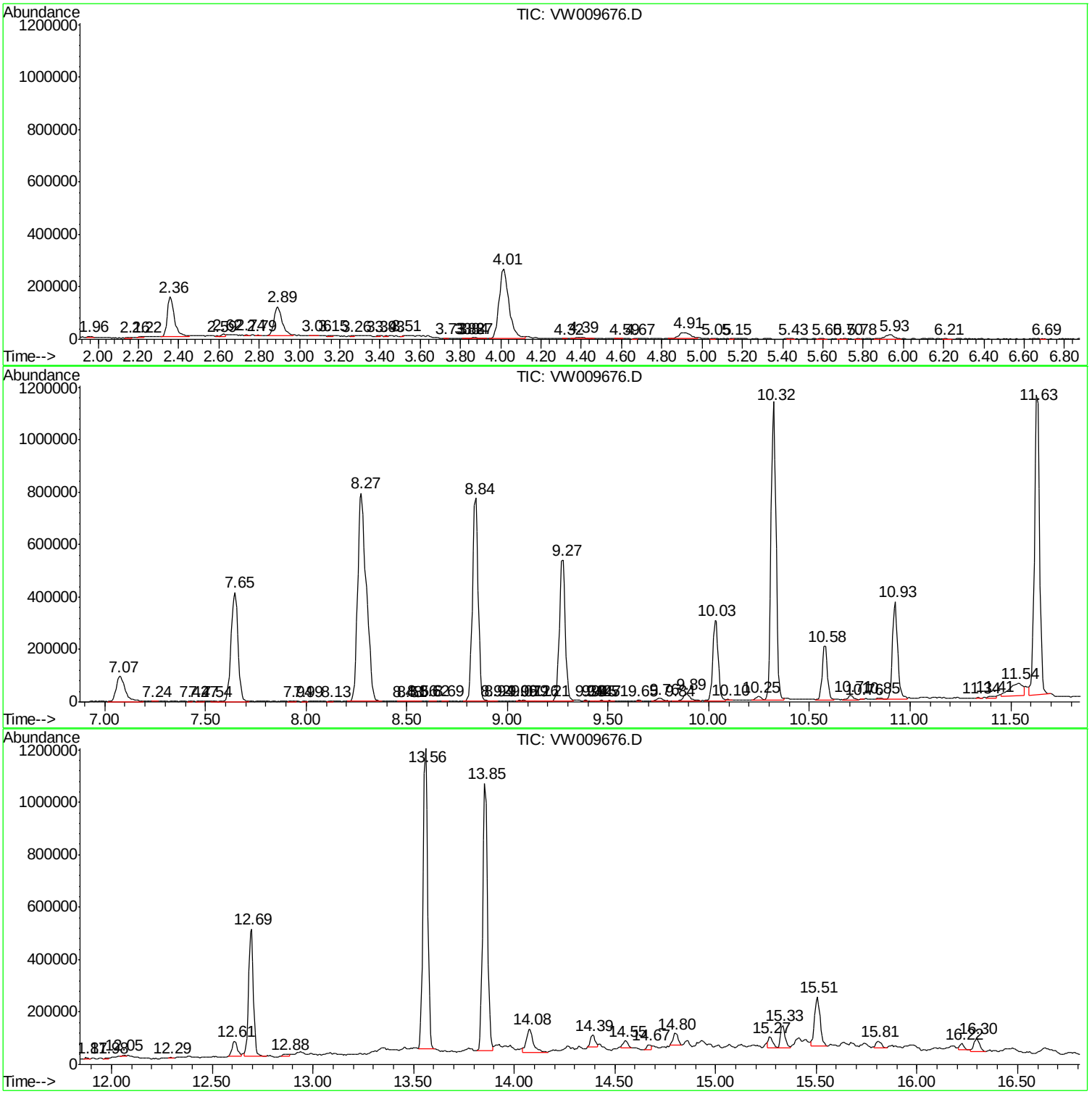
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040319\
Data File : VW009676.D
Acq On : 04 Apr 2019 00:55
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040319\
Data File : VW009676.D
Acq On : 04 Apr 2019 00:55
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

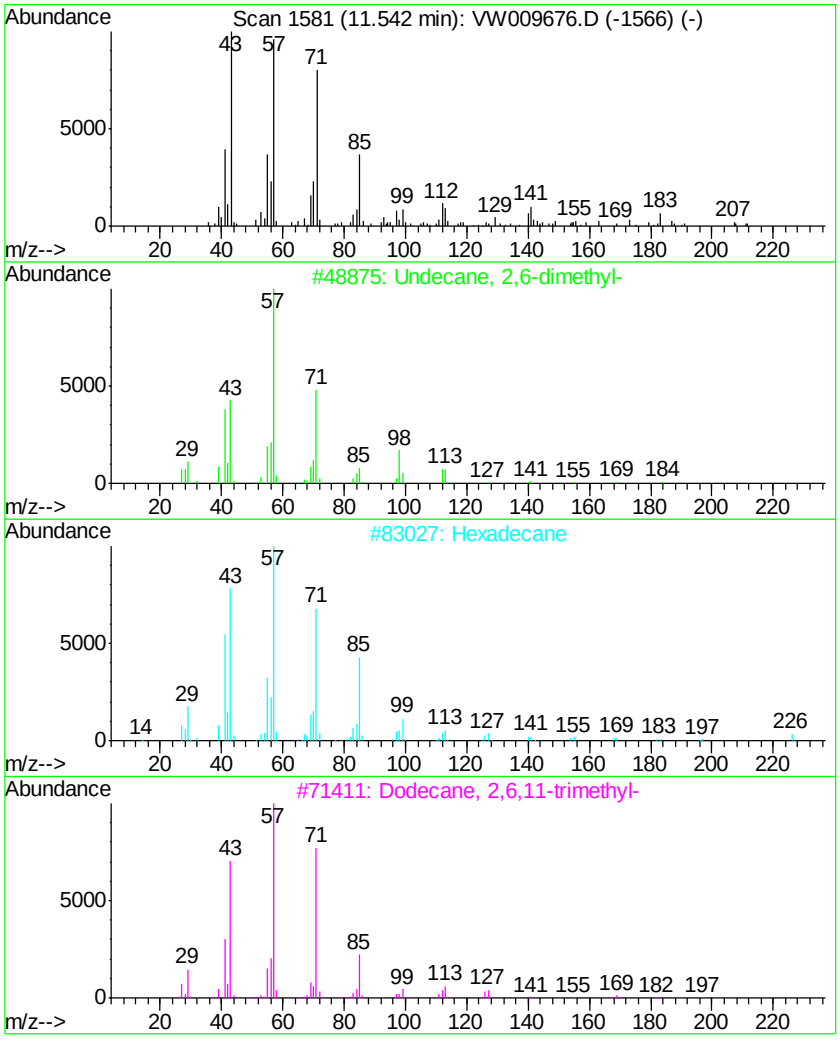
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

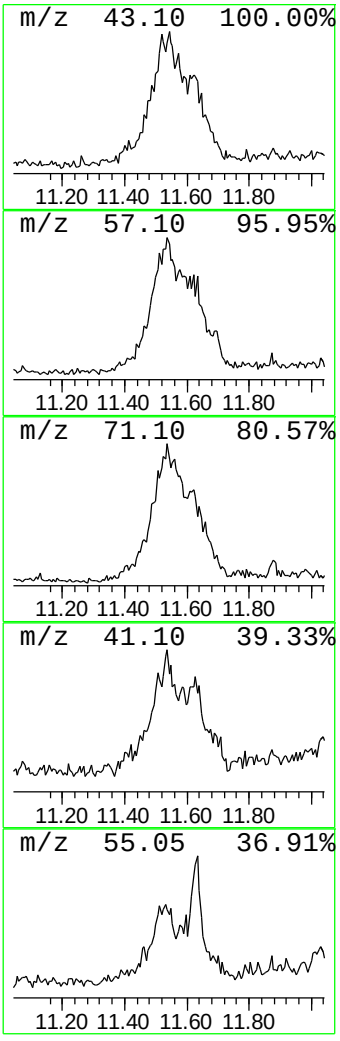
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	2.89 ug/L	230844	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	80
2	Hexadecane	226	C16H34	000544-76-3	64
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
4	Hexadecane	226	C16H34	000544-76-3	60
5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040319\
Data File : VW009676.D
Acq On : 04 Apr 2019 00:55
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

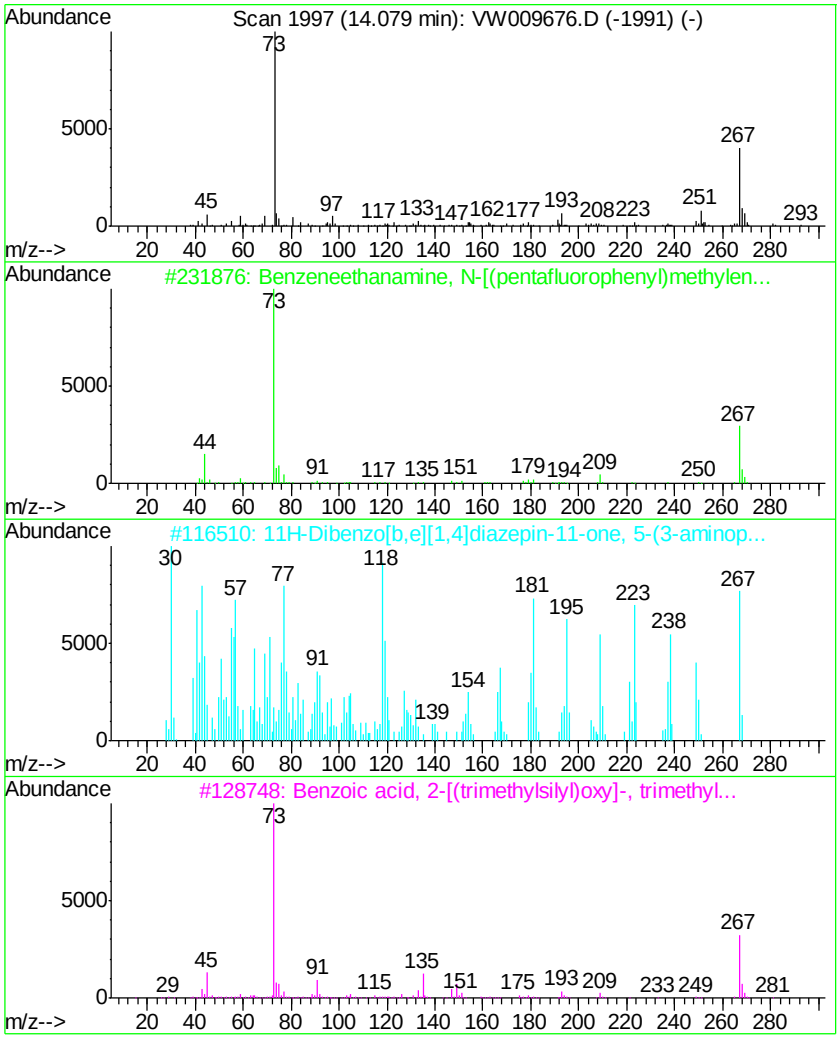
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

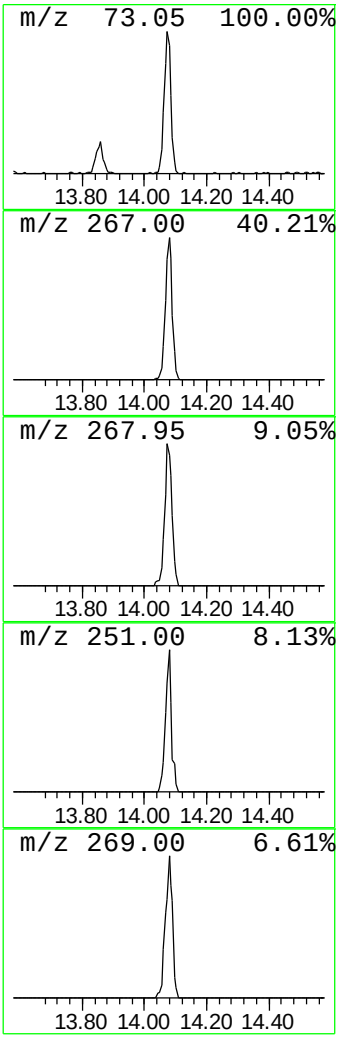
****

Peak Number 4 Benzeneethanamine, N-[(pent... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	2.93 ug/L	214396	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanamine, N-[(pentafluo...	475	C21H26F5NO2Si2	055429-85-1	56
2	11H-Dibenzo[b,e][1,4]diazepin-11...	267	C16H17N3O	013450-73-2	46
3	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	45
4	Tetrasiloxane, 1,1,3,3,5,5,7,7-o...	282	C8H26O3Si4	001000-05-1	39
5	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	38





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Instrument : MSVOA_W
ClientSampleId : VIBLK

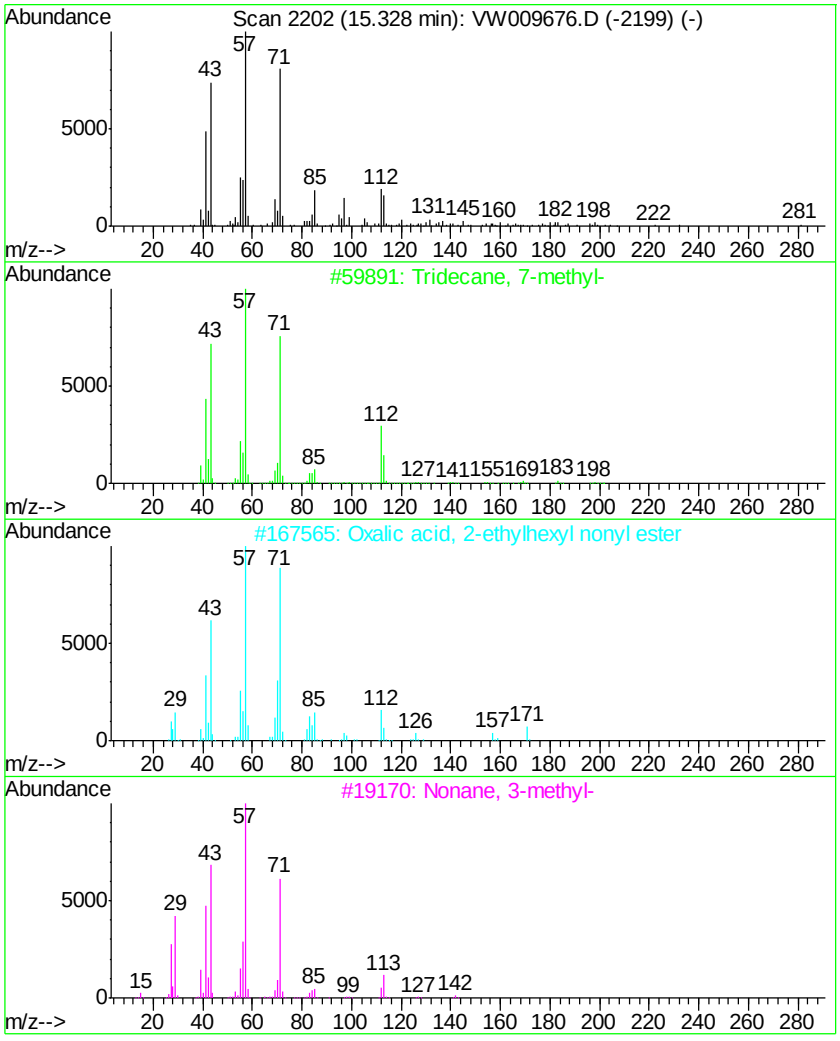
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

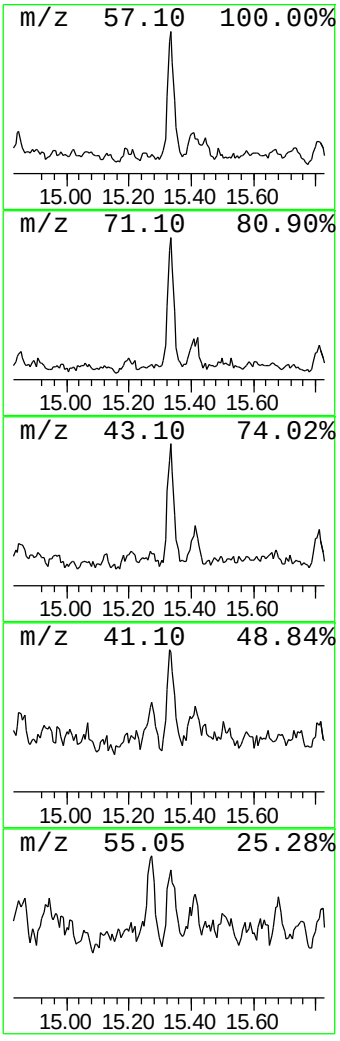
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	1.81 ug/L	132697	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-methyl-	198	C14H30	026730-14-3	76
2	Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	64
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	64
4	1-Decene, 4-methyl-	154	C11H22	013151-29-6	58
5	Octane, 1-iodo-	240	C8H17I	000629-27-6	50





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Acq On : 04 Apr 2019 00:55
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Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

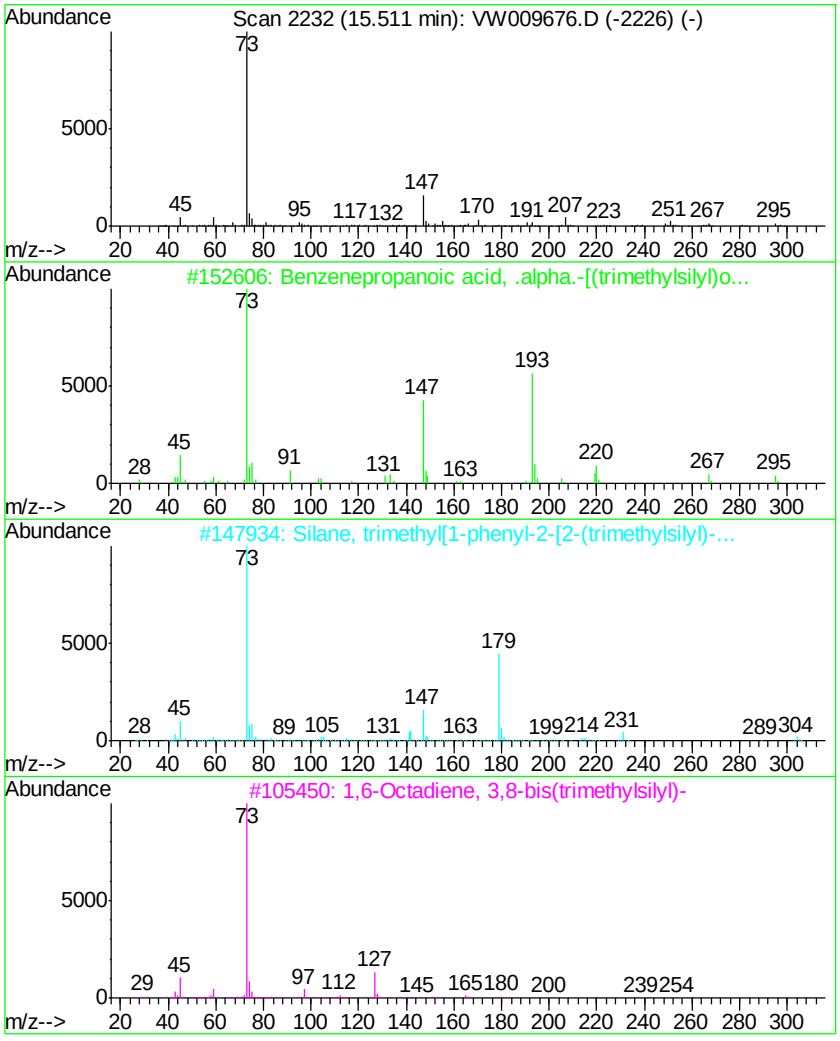
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

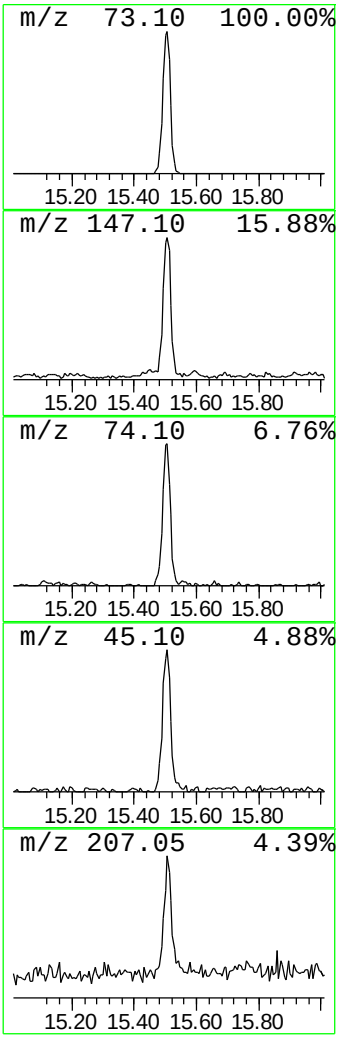
****

Peak Number 6 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.51	4.88 ug/L	357430	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanoic acid, .alpha.-[...	310	C15H26O3Si2	027750-45-4	38
2	Silane, trimethyl[1-phenyl-2-[2-...	304	C17H28OSi2	097778-19-3	38
3	1,6-Octadiene, 3,8-bis(trimethyl...	254	C14H30Si2	1000149-30-5	25
4	2-Phenyl-2-trimethylsilyloxyprop...	310	C15H26O3Si2	082326-12-3	25
5	trans-3-Hexenedioic acid, bis(tr...	288	C12H24O4Si2	1000078-95-4	25





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Data File : VW009676.D
Acq On : 04 Apr 2019 00:55
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK

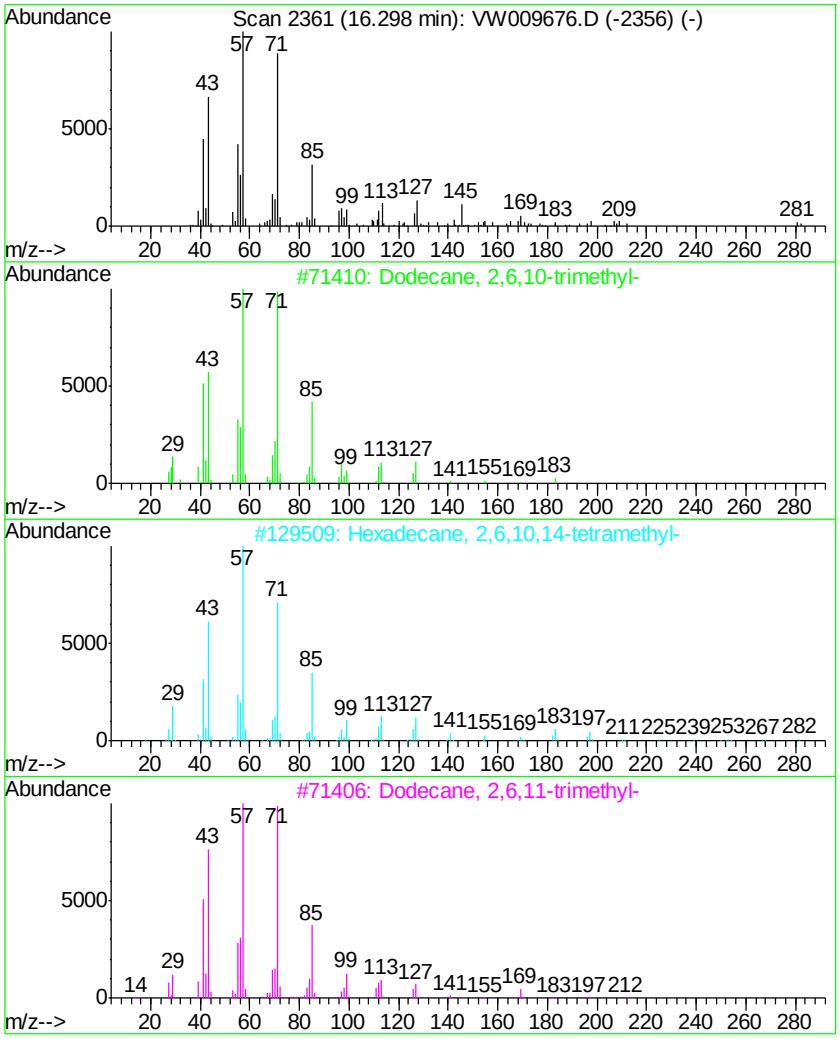
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

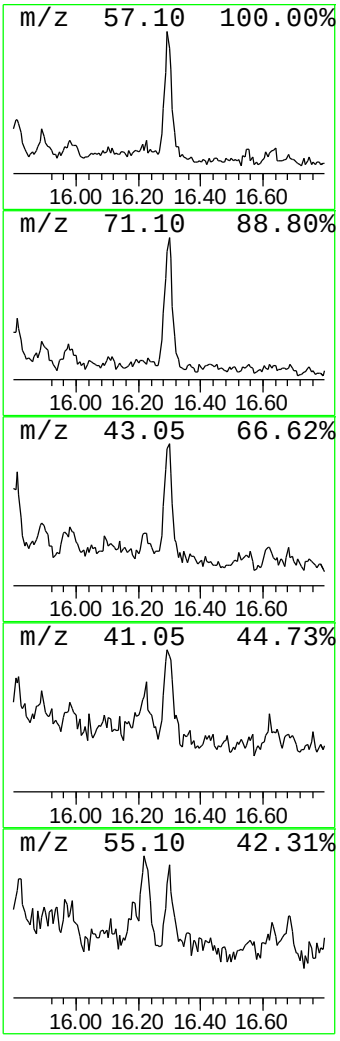
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	1.32 ug/L	96737	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
4	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	59
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040319\
Data File : VW009676.D
Acq On : 04 Apr 2019 00:55
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.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...	11.54	2.9	ug/L	230844	2	11.63	1995440	25.0
Benzeneethanamine...	14.08	2.9	ug/L	214396	3	13.56	1831110	25.0
(DEL) Alkane: Str...	15.33	1.8	ug/L	132697	3	13.56	1831110	25.0
unknown-01	15.51	4.9	ug/L	357430	3	13.56	1831110	25.0
(DEL) Alkane: Str...	16.30	1.3	ug/L	96737	3	13.56	1831110	25.0