LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122718\
Data File : VW007943.D
Acq On : 27 Dec 2018 02:00
Operator : SY/AP
Sample : J6506-03
Misc : 4.92G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BEZY0

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\SOM2WLM122618S.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	2.166	37	43	52	rVB	2536	5363	0.35%	0.155%
2	2.312	64	67	68	rVB2	178	137	0.01%	0.004%
3	2.361	68	75	88	rBV	17373	39503	2.61%	1.142%
4	2.678	124	127	129	rBV2	99	143	0.01%	0.004%
5	2.721	133	134	137	rBV2	122	104	0.01%	0.003%
6	2.751	137	139	140	rVB	183	102	0.01%	0.003%
7	2.782	142	144	146	rBV2	154	142	0.01%	0.004%
8	2.897	153	163	179	rBV	11102	31803	2.10%	0.919%
9	3.172	205	208	210	rVB	218	207	0.01%	0.006%
10	3.269	222	224	227	rBV	152	174	0.01%	0.005%
11	3.379	239	242	245	rVV	219	303	0.02%	0.009%
12	3.416	245	248	252	rVV	169	278	0.02%	0.008%
13	3.464	255	256	260	rVB	111	137	0.01%	0.004%
14	3.525	263	266	267	rBV	103	131	0.01%	0.004%
15	3.556	269	271	272	rVV	129	111	0.01%	0.003%
16	3.586	275	276	279	rVV	131	138	0.01%	0.004%
17	3.635	282	284	285	rVV	166	136	0.01%	0.004%
18	3.653	285	287	288	rVV	127	123	0.01%	0.004%
19	3.672	288	290	291	rVV	123	108	0.01%	0.003%
20	3.684	291	292	295	rVV	158	152	0.01%	0.004%
21	3.727	297	299	304	rBB	147	180	0.01%	0.005%
22	3.848	315	319	321	rVV3	400	634	0.04%	0.018%
23	3.867	321	322	325	rVB	480	334	0.02%	0.010%
24	4.013	335	346	359	rBV	39504	125335	8.29%	3.623%
25	4.915	487	494	498	rBV3	700	1942	0.13%	0.056%
26	5.110	523	526	528	rBV	101	142	0.01%	0.004%
27	5.915	656	658	659	rBV	219	152	0.01%	0.004%
28	5.933	659	661	667	rVB3	362	555	0.04%	0.016%
29	7.080	840	849	855	rBV	8852	25592	1.69%	0.740%
30	7.647	931	942	953	rBB	61188	148132	9.80%	4.282%
31	8.275	1034	1045	1060	rBB2	113743	349864	23.15%	10.112%
32	8.841	1130	1138	1148	rBB	103937	200432	13.26%	5.793%
33	9.037	1165	1170	1173	rBV2	816	1261	0.08%	0.036%
34	9.091	1173	1179	1184	rVB2	4185	7767	0.51%	0.224%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BEZY0

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\SOM2WLM122618S.M
Title : VOC Analysis

35	9.274	1202	1209	1218	rBB	71952	143492	9.50%	4.147%
36	9.750	1285	1287	1291	rBB	111	152	0.01%	0.004%
37	9.890	1307	1310	1314	rBB	533	611	0.04%	0.018%
38	10.036	1327	1334	1342	rBB	43262	78114	5.17%	2.258%
39	10.244	1366	1368	1373	rBB	143	232	0.02%	0.007%
40	10.323	1374	1381	1389	rBV	124955	219517	14.53%	6.345%
41	10.390	1389	1392	1397	rVB	1604	2512	0.17%	0.073%
42	10.579	1417	1423	1430	rBB	30108	49599	3.28%	1.434%
43	10.707	1439	1444	1450	rBB2	1948	3106	0.21%	0.090%
44	10.859	1461	1469	1476	rBV	843384	1510997	100.00%	43.674%
45	10.926	1476	1480	1492	rVB	38408	68286	4.52%	1.974%
46	11.067	1499	1503	1508	rVB3	2071	3126	0.21%	0.090%
47	11.439	1560	1564	1570	rBB2	2563	4133	0.27%	0.119%
48	11.634	1589	1596	1605	rBB	103115	169732	11.23%	4.906%
49	11.707	1605	1608	1609	rBV	148	149	0.01%	0.004%
50	11.841	1625	1630	1634	rBB	642	1064	0.07%	0.031%
51	12.170	1680	1684	1687	rBB	333	380	0.03%	0.011%
52	12.609	1752	1756	1763	rBB	3449	5067	0.34%	0.146%
53	12.694	1764	1770	1777	rBB	47085	75499	5.00%	2.182%
54	12.938	1806	1810	1814	rBB4	1027	1370	0.09%	0.040%
55	13.194	1850	1852	1855	rVB4	164	203	0.01%	0.006%
56	13.304	1866	1870	1875	rBB4	1000	1555	0.10%	0.045%
57	13.475	1895	1898	1899	rBV	170	200	0.01%	0.006%
58	13.524	1902	1906	1907	rBV3	347	331	0.02%	0.010%
59	13.560	1907	1912	1919	rVB	43537	69752	4.62%	2.016%
60	13.627	1921	1923	1924	rBV	409	317	0.02%	0.009%
61	13.658	1924	1928	1932	rBV4	989	1900	0.13%	0.055%
62	13.767	1944	1946	1949	rVB2	395	401	0.03%	0.012%
63	13.816	1949	1954	1955	rBV2	1834	2686	0.18%	0.078%
64	13.859	1955	1961	1968	rVV	43713	76820	5.08%	2.220%
65	13.999	1980	1984	1986	rBV3	1558	2247	0.15%	0.065%
66	14.072	1994	1996	2004	rVB5	2063	4072	0.27%	0.118%
67	14.200	2012	2017	2029	rVB5	2846	7284	0.48%	0.211%
68	14.298	2029	2033	2035	rVV3	177	251	0.02%	0.007%
69	14.322	2035	2037	2040	rVV	123	135	0.01%	0.004%
70	14.383	2040	2047	2049	rVV5	755	1782	0.12%	0.052%
71	14.432	2053	2055	2058	rVB	226	210	0.01%	0.006%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BEZY0

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\SOM2WLM122618S.M
Title : VOC Analysis

72	14.505	2064	2067	2072	rBB2	286	446	0.03%	0.013%
73	14.731	2099	2104	2109	rBB2	4121	5423	0.36%	0.157%
74	15.017	2148	2151	2152	rBV2	122	131	0.01%	0.004%
75	15.145	2169	2172	2174	rBV	146	160	0.01%	0.005%
76	15.176	2174	2177	2179	rVB	197	207	0.01%	0.006%
77	15.249	2186	2189	2193	rVB	109	174	0.01%	0.005%
78	15.285	2193	2195	2198	rBB	88	101	0.01%	0.003%
79	15.328	2199	2202	2205	rBB	150	155	0.01%	0.004%
80	15.371	2206	2209	2211	rBV	187	252	0.02%	0.007%
81	15.389	2211	2212	2216	rVB	191	203	0.01%	0.006%
82	15.444	2216	2221	2223	rBV	301	538	0.04%	0.016%
83	15.499	2228	2230	2232	rBV	245	283	0.02%	0.008%
84	15.548	2236	2238	2239	rBV	231	164	0.01%	0.005%
85	15.566	2239	2241	2243	rVB2	258	184	0.01%	0.005%
86	15.737	2267	2269	2270	rBV2	126	102	0.01%	0.003%
87	15.773	2274	2275	2278	rVB2	137	120	0.01%	0.003%
88	15.804	2278	2280	2285	rBB	216	266	0.02%	0.008%
89	15.913	2295	2298	2302	rVB	211	358	0.02%	0.010%
90	16.066	2321	2323	2328	rBV	166	288	0.02%	0.008%
91	16.176	2339	2341	2344	rVB	96	118	0.01%	0.003%
92	16.212	2344	2347	2348	rBV	175	135	0.01%	0.004%
93	16.352	2368	2370	2371	rBV	179	127	0.01%	0.004%
94	16.377	2371	2374	2375	rBV	129	102	0.01%	0.003%
95	16.413	2378	2380	2382	rVB	134	130	0.01%	0.004%
96	16.432	2382	2383	2385	rBB	169	106	0.01%	0.003%
97	16.474	2389	2390	2392	rBV	152	133	0.01%	0.004%
98	16.566	2404	2405	2407	rBV	138	110	0.01%	0.003%
99	16.706	2425	2428	2431	rBV2	147	206	0.01%	0.006%
100	16.755	2434	2436	2439	rBV	116	117	0.01%	0.003%

Sum of corrected areas: 3459740

LSC Report - Integrated Chromatogram

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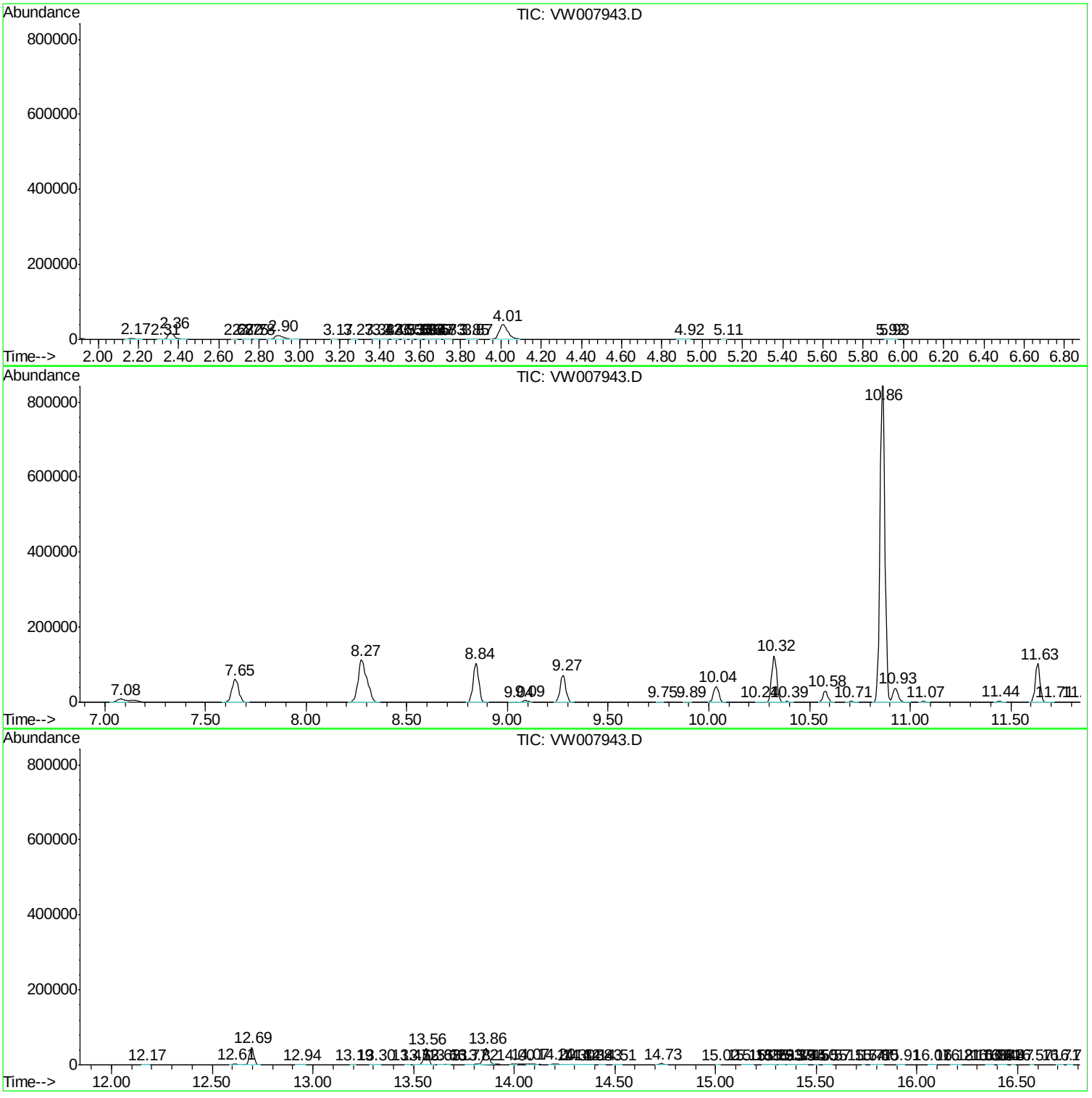
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BEZY0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.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\VW122718\
Data File : VW007943.D
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BEZY0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis

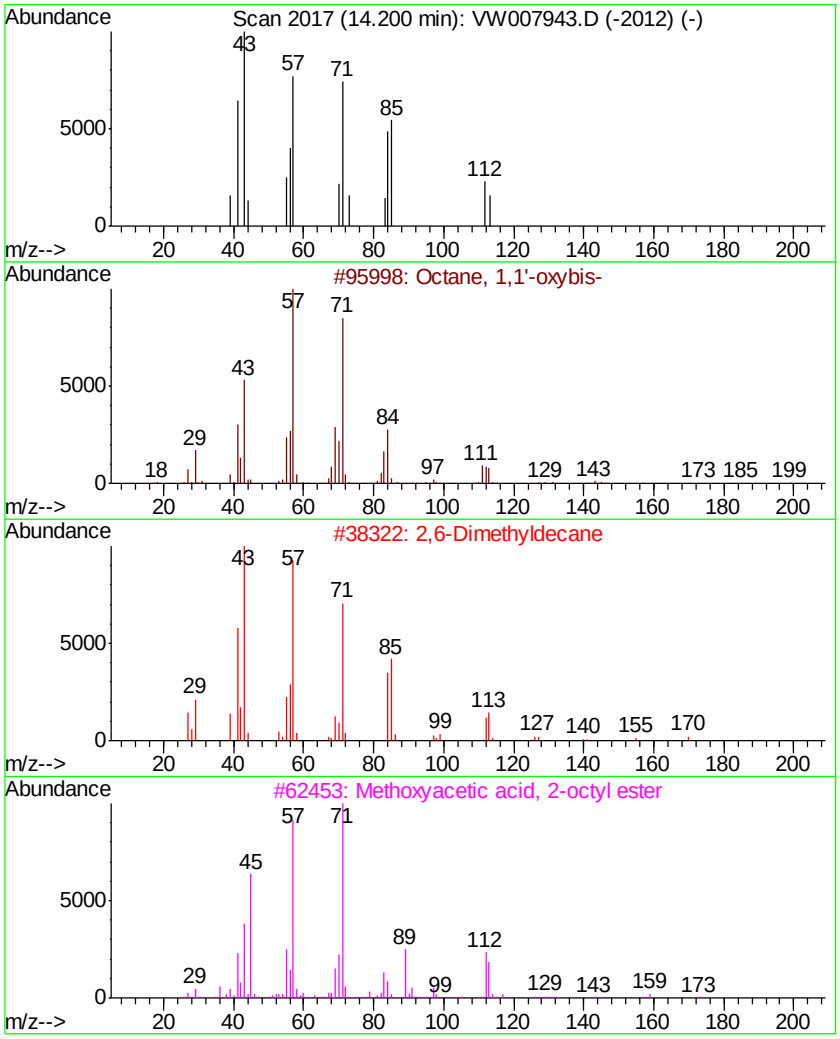
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

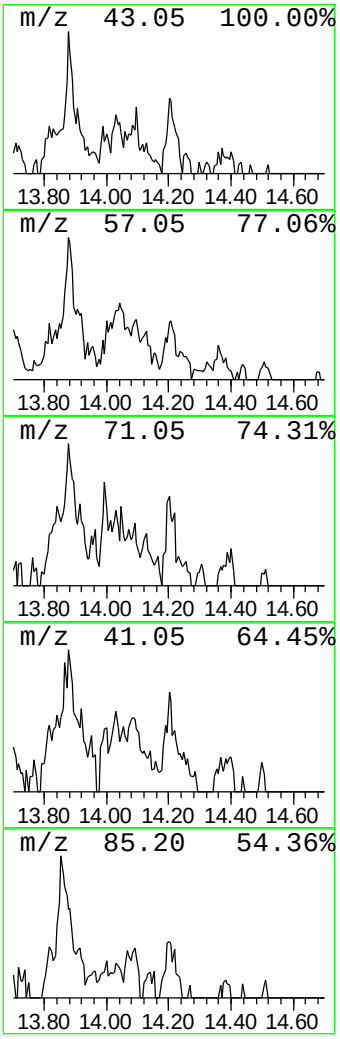
****

Peak Number 4 Octane, 1,1'-oxybis- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	2.61 ug/L	7284	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	50
2	2,6-Dimethyldecane	170	C12H26	013150-81-7	50
3	Methoxyacetic acid, 2-octyl ester	202	C11H22O3	1000282-69-6	47
4	Nonane, 2,3-dimethyl-	156	C11H24	002884-06-2	43
5	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	40





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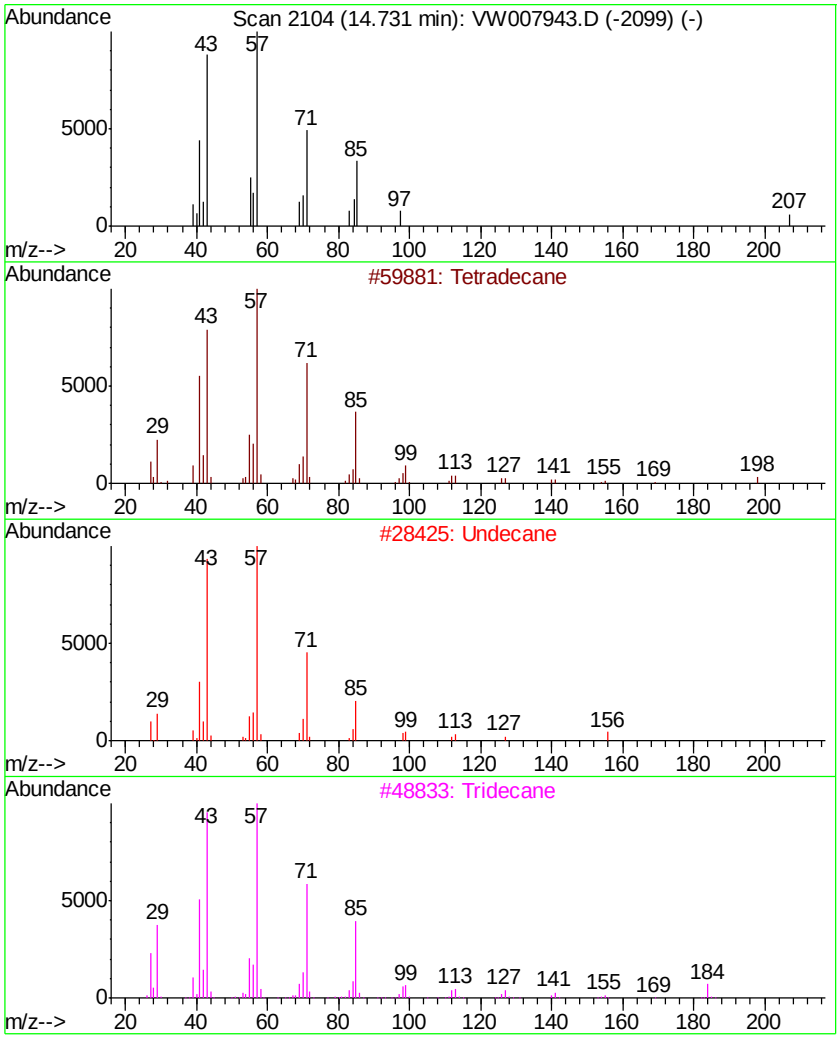
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis

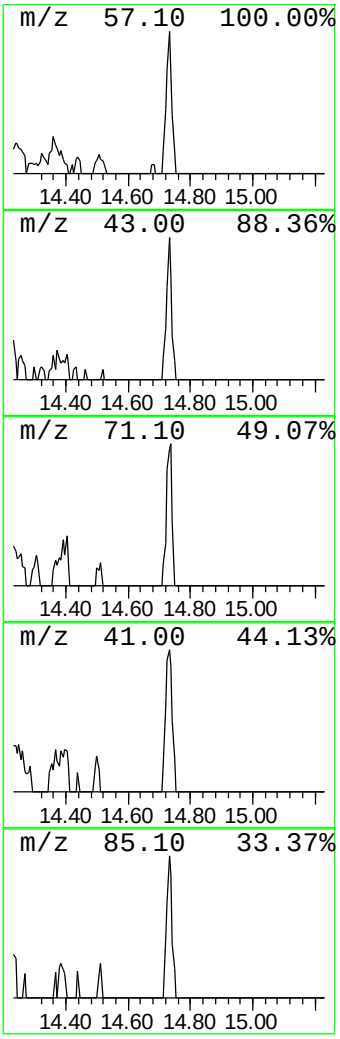
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	1.94 ug/L	5423	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	78
2	Undecane	156	C11H24	001120-21-4	72
3	Tridecane	184	C13H28	000629-50-5	72
4	Decane	142	C10H22	000124-18-5	72
5	Undecane	156	C11H24	001120-21-4	72





Tentatively Identified Compound (LSC) summary

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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
Octane, 1,1'-oxybis-	14.20	2.6	ug/L	7284	3	13.56	69752	25.0
(DEL) Alkane: Str...	14.73	1.9	ug/L	5423	3	13.56	69752	25.0