LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092319\
Data File : VV012954.D
Acq On : 23 Sep 2019 23:20
Operator : SY/MD
Sample : K4984-07
Misc : 4.61G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BEDL1

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_V\METHOD\SOM2VLM092319S.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	1.225	39	42	46	rBV2	15134	12282	0.29%	0.045%
2	1.319	63	71	90	rVB	390202	430505	10.10%	1.577%
3	1.582	146	153	163	rBV	348962	378122	8.87%	1.385%
4	2.129	312	323	342	rBV	657052	925779	21.73%	3.391%
5	2.537	438	450	464	rBV	96827	156602	3.68%	0.574%
6	3.074	603	617	634	rBV2	43491	89846	2.11%	0.329%
7	3.142	634	638	646	rVB6	1058	1078	0.03%	0.004%
8	3.206	655	658	662	rVV4	951	799	0.02%	0.003%
9	3.225	662	664	673	rVB5	925	866	0.02%	0.003%
10	3.431	723	728	732	rVB5	974	824	0.02%	0.003%
11	3.810	839	846	849	rBV5	1172	1153	0.03%	0.004%
12	3.878	860	867	871	rVB6	783	1118	0.03%	0.004%
13	3.955	877	891	922	rBV3	120603	399450	9.37%	1.463%
14	4.238	975	979	984	rVB4	1055	982	0.02%	0.004%
15	4.325	1002	1006	1011	rBV5	906	976	0.02%	0.004%
16	4.399	1011	1029	1060	rBV	502676	1225235	28.76%	4.488%
17	4.585	1082	1087	1091	rVB7	1455	1334	0.03%	0.005%
18	4.711	1123	1126	1129	rBV3	1129	940	0.02%	0.003%
19	4.743	1134	1136	1142	rVV4	1094	956	0.02%	0.004%
20	4.785	1145	1149	1152	rBV4	1119	821	0.02%	0.003%
21	4.852	1167	1170	1176	rVB4	1478	1545	0.04%	0.006%
22	4.891	1179	1182	1188	rVB6	1333	941	0.02%	0.003%
23	4.997	1211	1215	1219	rVB3	959	873	0.02%	0.003%
24	5.093	1224	1245	1280	rBV2	1225124	3051638	71.62%	11.178%
25	5.306	1308	1311	1315	rVB3	1410	963	0.02%	0.004%
26	5.437	1346	1352	1357	rBV7	1096	1230	0.03%	0.005%
27	5.518	1373	1377	1378	rBV3	1027	744	0.02%	0.003%
28	5.547	1383	1386	1389	rVB3	1082	831	0.02%	0.003%
29	5.576	1389	1395	1398	rBV6	1450	1566	0.04%	0.006%
30	5.662	1407	1422	1449	rBV	971387	1921481	45.10%	7.039%
31	5.955	1499	1513	1532	rBV5	41198	97719	2.29%	0.358%
32	6.116	1546	1563	1595	rBV	705632	1436498	33.71%	5.262%
33	6.444	1661	1665	1667	rBV5	1210	819	0.02%	0.003%
34	6.563	1700	1702	1707	rVB4	1089	766	0.02%	0.003%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092319\
Data File : VV012954.D
Acq On : 23 Sep 2019 23:20
Operator : SY/MD
Sample : K4984-07
Misc : 4.61G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BEDL1

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_V\METHOD\SOM2VLM092319S.M
Title : VOC Analysis

35	6.666	1731	1734	1736	rBV5	1282	885	0.02%	0.003%
36	6.675	1736	1737	1741	rVV4	1359	812	0.02%	0.003%
37	6.765	1761	1765	1771	rVB7	1085	1203	0.03%	0.004%
38	6.804	1771	1777	1780	rBV6	1086	1274	0.03%	0.005%
39	7.026	1833	1846	1871	rBV	353405	637511	14.96%	2.335%
40	7.129	1876	1878	1889	rVB6	4329	5475	0.13%	0.020%
41	7.193	1894	1898	1901	rBV5	1197	949	0.02%	0.003%
42	7.293	1919	1929	1933	rBV8	3045	4262	0.10%	0.016%
43	7.357	1933	1949	1969	rBV	1431600	2474996	58.09%	9.066%
44	7.604	2023	2026	2032	rBV7	1608	1926	0.05%	0.007%
45	7.662	2032	2044	2063	rBV	228081	396615	9.31%	1.453%
46	7.830	2092	2096	2103	rVV10	1982	2490	0.06%	0.009%
47	8.016	2131	2154	2180	rBV	2458361	4260932	100.00%	15.608%
48	8.135	2181	2191	2219	rVV	352511	707446	16.60%	2.591%
49	8.502	2301	2305	2308	rBV4	3129	3014	0.07%	0.011%
50	8.894	2414	2427	2452	rBV	1418602	2307905	54.16%	8.454%
51	9.180	2509	2516	2527	rVB3	10270	16003	0.38%	0.059%
52	9.440	2592	2597	2601	rBV6	1492	1634	0.04%	0.006%
53	9.508	2608	2618	2620	rBV10	2817	4174	0.10%	0.015%
54	9.556	2629	2633	2636	rBV5	1337	1364	0.03%	0.005%
55	9.585	2636	2642	2648	rBV6	5302	7507	0.18%	0.027%
56	9.711	2678	2681	2683	rBV3	1651	1120	0.03%	0.004%
57	9.948	2749	2755	2758	rBV7	2010	2083	0.05%	0.008%
58	9.968	2758	2761	2769	rVB8	1487	1591	0.04%	0.006%
59	10.058	2785	2789	2794	rBV7	1648	1834	0.04%	0.007%
60	10.167	2816	2823	2832	rVB6	5197	7702	0.18%	0.028%
61	10.257	2837	2851	2868	rBV	616889	970060	22.77%	3.553%
62	10.338	2873	2876	2878	rBV3	1090	791	0.02%	0.003%
63	10.421	2890	2902	2913	rVB	62894	105829	2.48%	0.388%
64	10.495	2917	2925	2931	rBV10	3384	5215	0.12%	0.019%
65	10.550	2936	2942	2944	rBV6	4429	4439	0.10%	0.016%
66	10.617	2957	2963	2973	rVB6	5655	8958	0.21%	0.033%
67	10.662	2973	2977	2980	rVB6	1361	1141	0.03%	0.004%
68	10.759	3004	3007	3008	rVV2	1356	766	0.02%	0.003%
69	10.775	3008	3012	3014	rVV5	2181	1415	0.03%	0.005%
70	10.810	3016	3023	3028	rVV8	3401	4002	0.09%	0.015%
71	10.878	3038	3044	3051	rBV8	1712	2480	0.06%	0.009%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092319\
Data File : VV012954.D
Acq On : 23 Sep 2019 23:20
Operator : SY/MD
Sample : K4984-07
Misc : 4.61G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BEDL1

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_V\METHOD\SOM2VLM092319S.M
Title : VOC Analysis

72	10.958	3060	3069	3082	rVB6	9759	17974	0.42%	0.066%
73	11.067	3096	3103	3104	rBV7	2884	2149	0.05%	0.008%
74	11.190	3132	3141	3149	rBV2	14551	24857	0.58%	0.091%
75	11.292	3161	3173	3192	rBV	1234896	1938679	45.50%	7.102%
76	11.431	3209	3216	3222	rBV2	7623	11068	0.26%	0.041%
77	11.466	3222	3227	3238	rVB4	12028	19169	0.45%	0.070%
78	11.511	3238	3241	3249	rVB7	1751	1783	0.04%	0.007%
79	11.585	3252	3264	3270	rBV7	4246	9003	0.21%	0.033%
80	11.624	3271	3276	3277	rBV5	1943	1542	0.04%	0.006%
81	11.669	3277	3290	3312	rBV	1207395	1911438	44.86%	7.002%
82	11.823	3331	3338	3339	rBV6	5934	5106	0.12%	0.019%
83	11.981	3381	3387	3390	rBV7	2395	3252	0.08%	0.012%
84	12.032	3401	3403	3409	rVB6	2469	2085	0.05%	0.008%
85	12.064	3410	3413	3415	rBV3	1987	1379	0.03%	0.005%
86	12.235	3461	3466	3469	rBV6	4024	4288	0.10%	0.016%
87	12.292	3473	3484	3494	rVV3	27966	53711	1.26%	0.197%
88	12.399	3511	3517	3520	rBV5	6158	7051	0.17%	0.026%
89	12.489	3543	3545	3546	rBV2	1751	801	0.02%	0.003%
90	12.514	3549	3553	3565	rVB9	6928	13727	0.32%	0.050%
91	12.588	3571	3576	3582	rBV10	3093	4303	0.10%	0.016%
92	12.845	3649	3656	3670	rBV10	6050	11278	0.26%	0.041%
93	12.926	3675	3681	3689	rBV10	10182	15749	0.37%	0.058%
94	13.077	3725	3728	3734	rBV8	4884	5159	0.12%	0.019%
95	13.688	3912	3918	3924	rBV2	18961	26337	0.62%	0.096%
96	13.791	3943	3950	3960	rVB2	34324	51476	1.21%	0.189%
97	14.697	4225	4232	4240	rBV2	108468	160104	3.76%	0.586%
98	14.890	4286	4292	4300	rVB	92941	118519	2.78%	0.434%
99	15.463	4463	4470	4478	rBV	245501	326224	7.66%	1.195%
100	15.640	4518	4525	4536	rVB3	273527	446167	10.47%	1.634%

Sum of corrected areas: 27299463

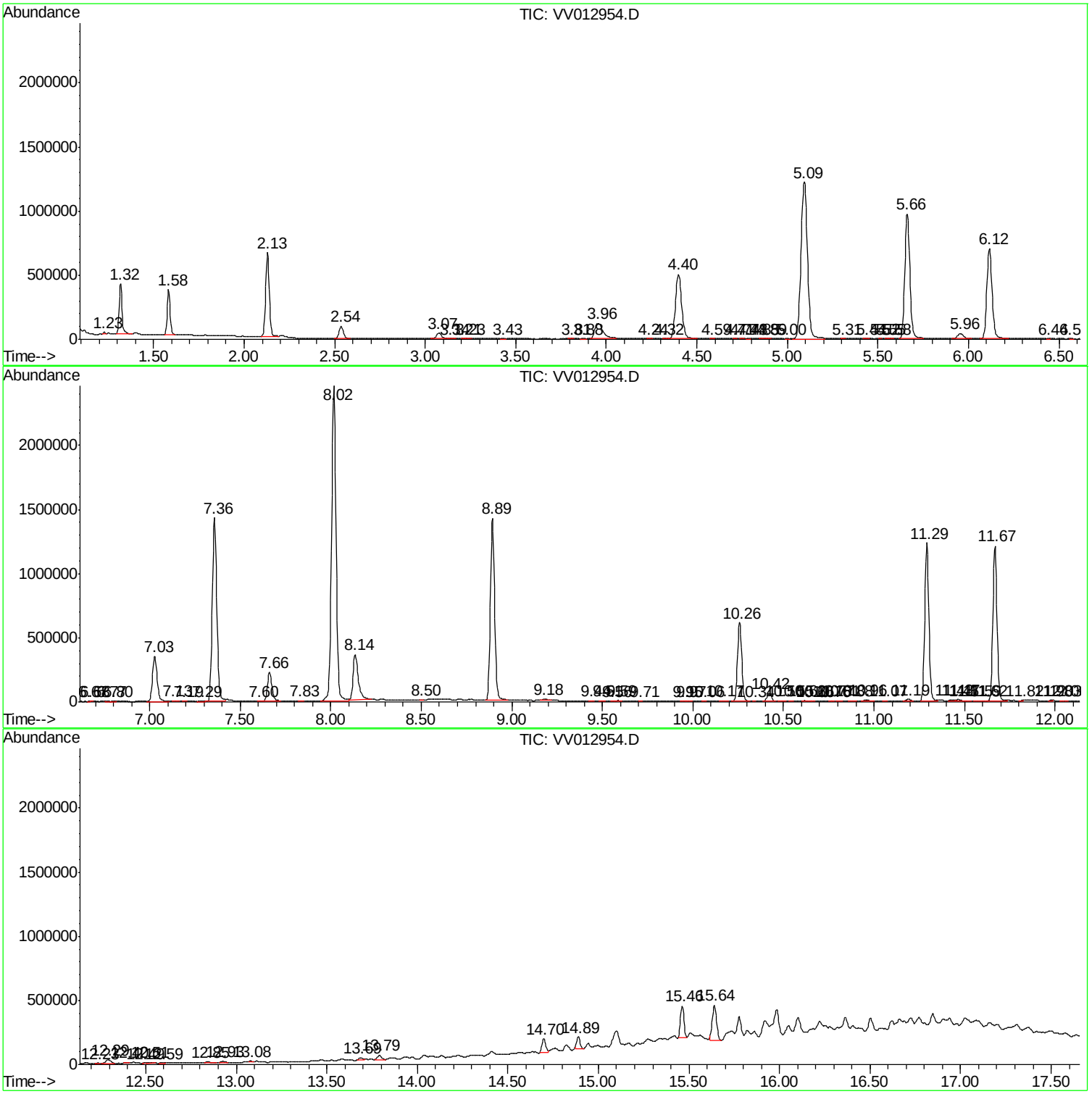
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092319\
Data File : VV012954.D
Acq On : 23 Sep 2019 23:20
Operator : SY/MD
Sample : K4984-07
Misc : 4.61G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BEDL1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092319\
Data File : VV012954.D
Acq On : 23 Sep 2019 23:20
Operator : SY/MD
Sample : K4984-07
Misc : 4.61G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BEDL1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis

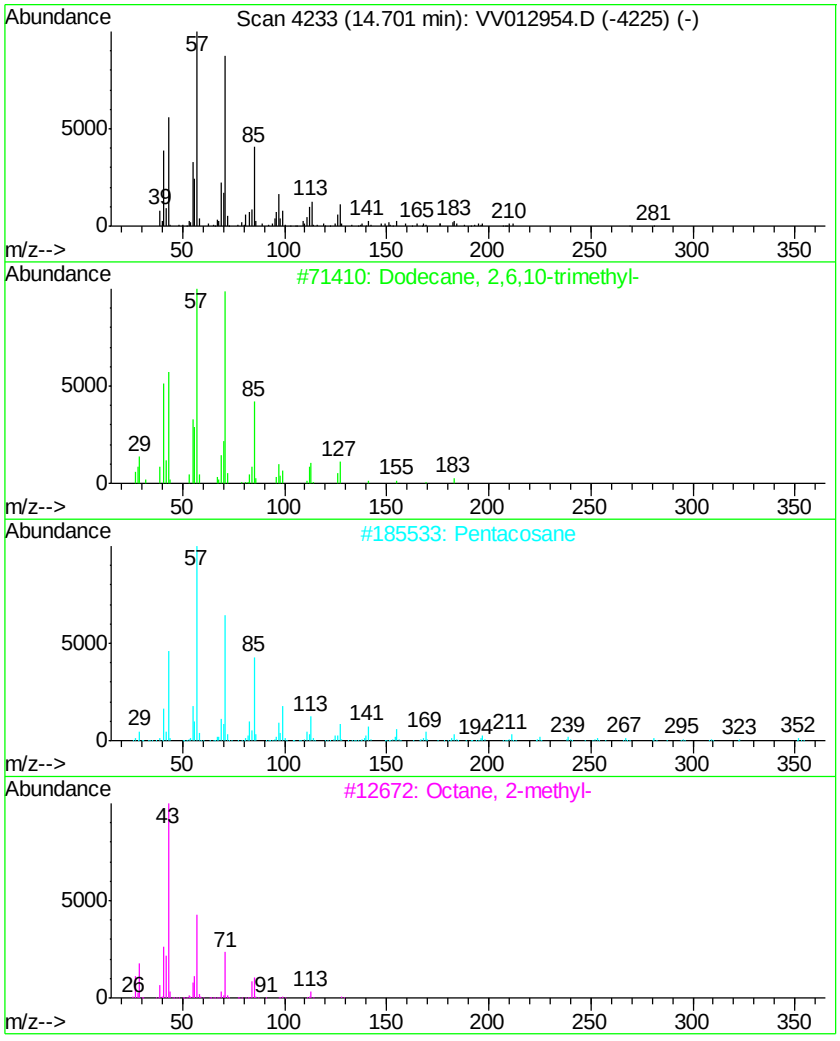
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

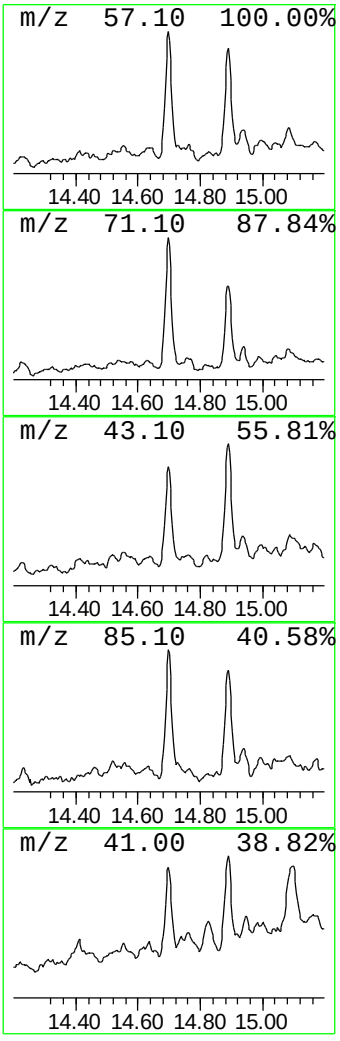
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	2.06 ug/L	160104	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2	Pentacosane	352	C25H52	000629-99-2	80
3	Octane, 2-methyl-	128	C9H20	003221-61-2	74
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	72
5	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092319\
Data File : VV012954.D
Acq On : 23 Sep 2019 23:20
Operator : SY/MD
Sample : K4984-07
Misc : 4.61G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BEDL1

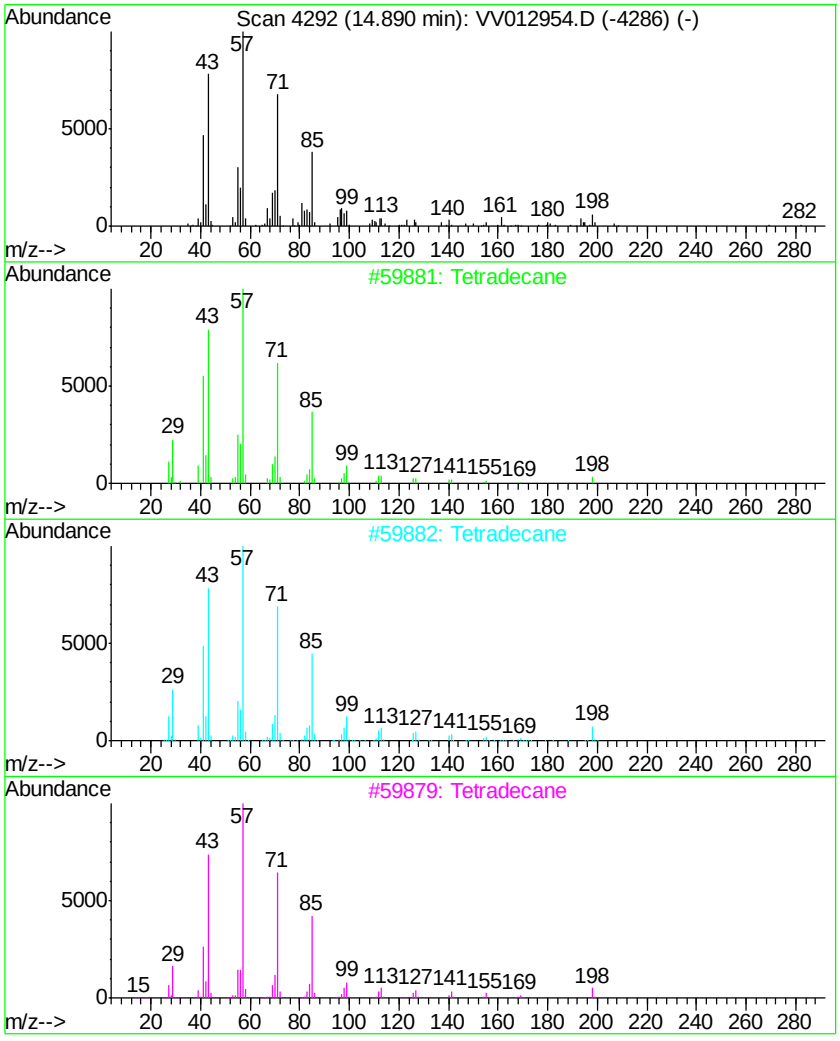
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis

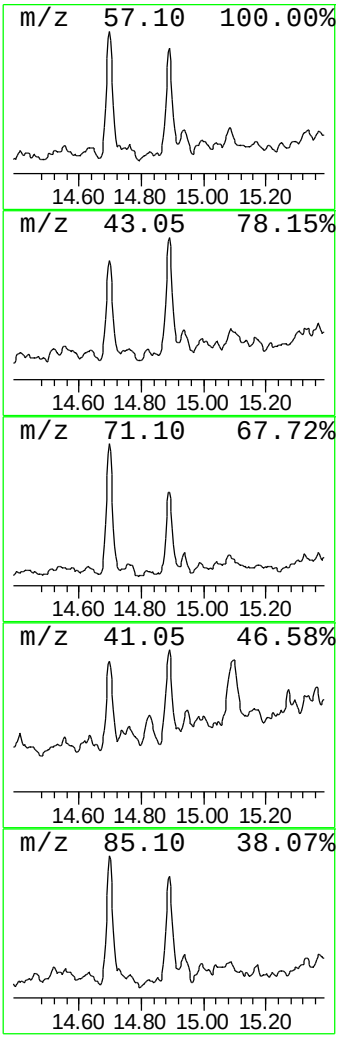
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	1.53 ug/L	118519	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Tetradecane	198	C14H30	000629-59-4	89
3	Tetradecane	198	C14H30	000629-59-4	89
4	Tetradecane	198	C14H30	000629-59-4	89
5	Nonadecane	268	C19H40	000629-92-5	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092319\
Data File : VV012954.D
Acq On : 23 Sep 2019 23:20
Operator : SY/MD
Sample : K4984-07
Misc : 4.61G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BEDL1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis

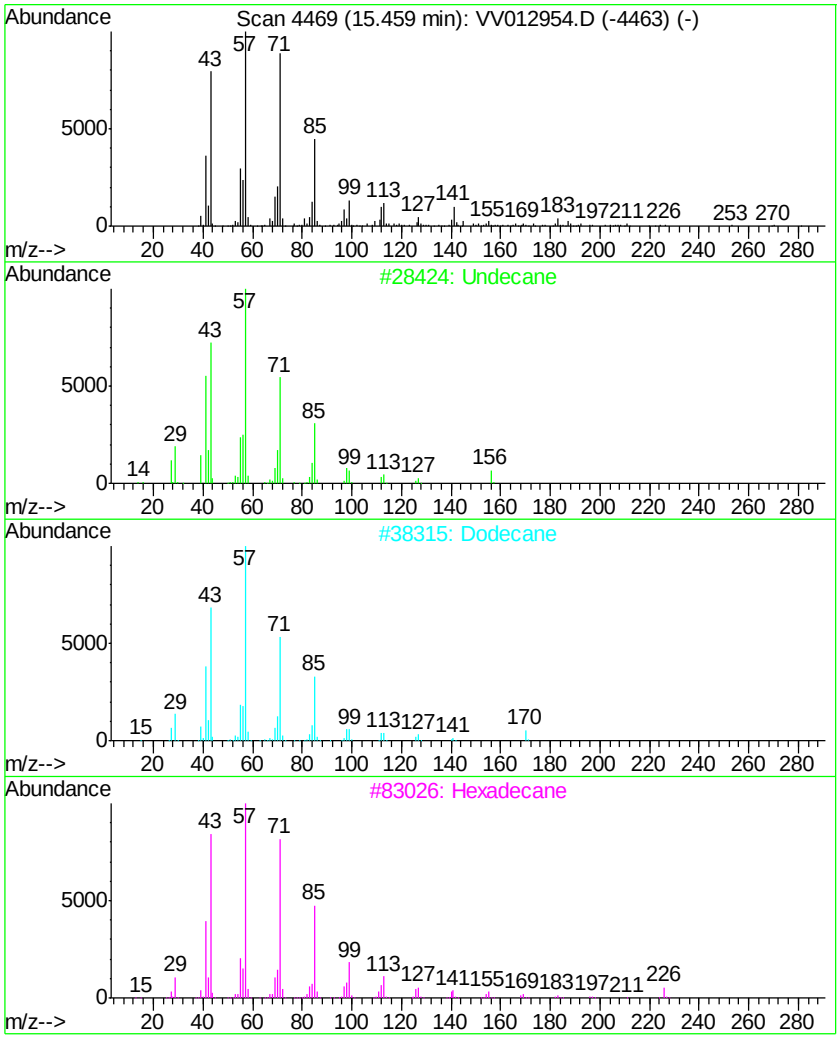
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

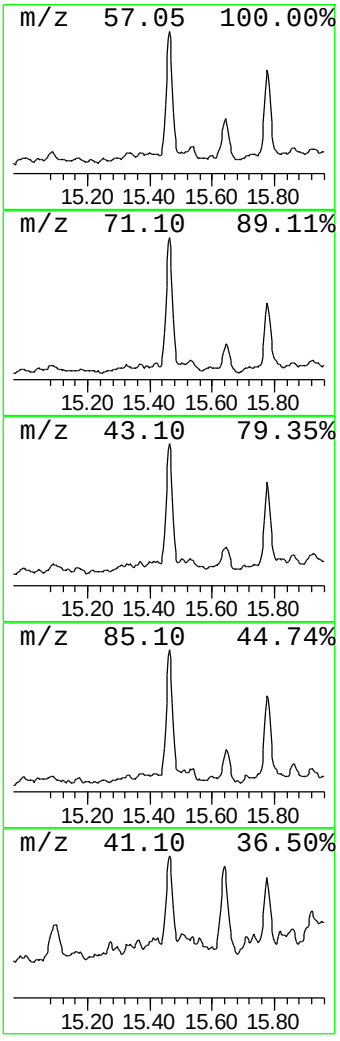
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	4.21 ug/L	326224	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	90
2	Dodecane	170	C12H26	000112-40-3	87
3	Hexadecane	226	C16H34	000544-76-3	87
4	Hexadecane	226	C16H34	000544-76-3	86
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092319\
Data File : VV012954.D
Acq On : 23 Sep 2019 23:20
Operator : SY/MD
Sample : K4984-07
Misc : 4.61G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BEDL1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis

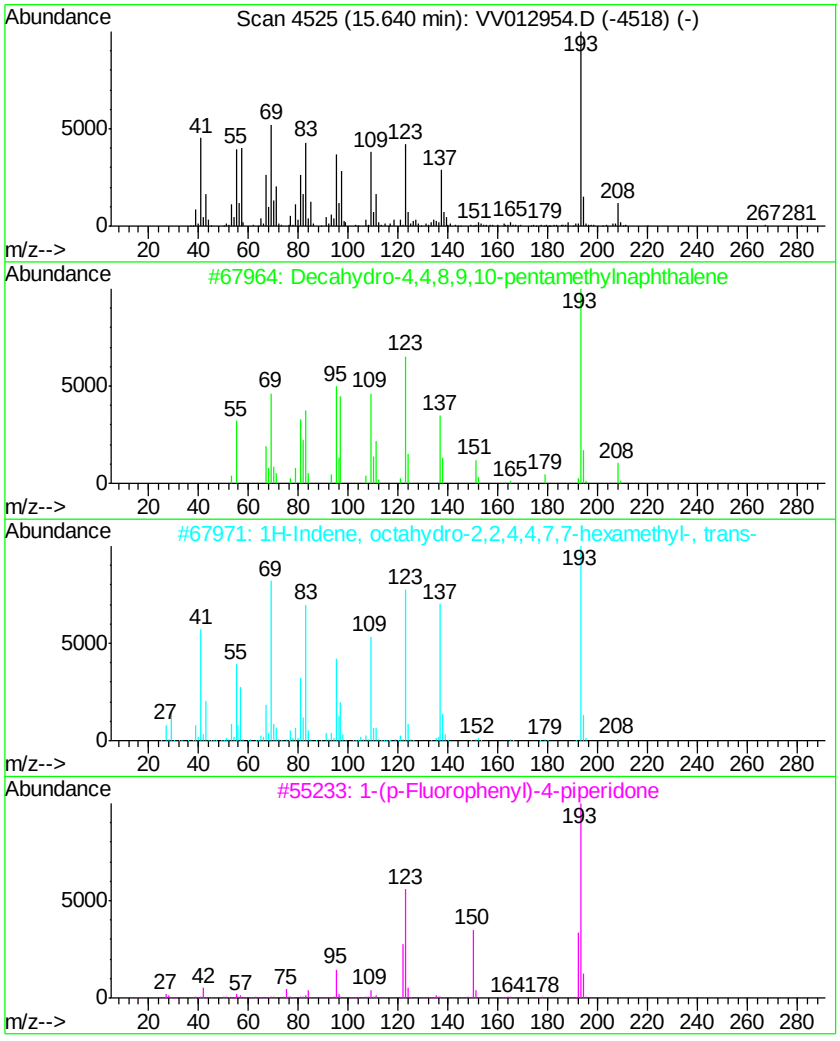
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

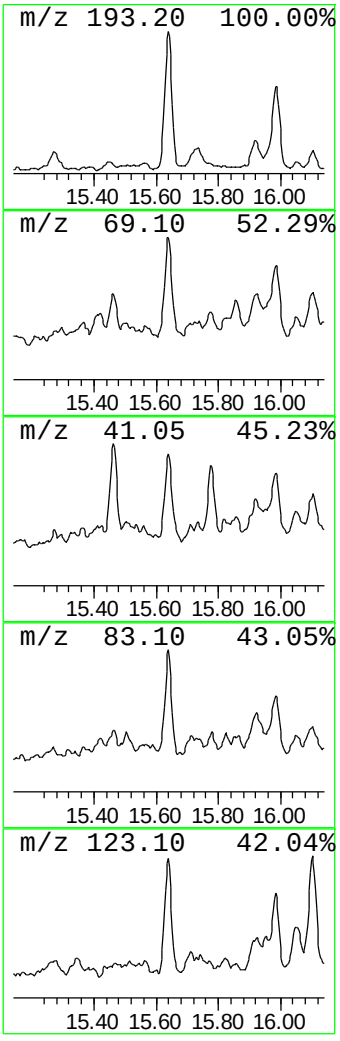
****

Peak Number 6 Decahydro-4,4,8,9,10-pentam... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	5.75 ug/L	446167	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	93
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	45
3	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	43
4	3,7-Dimethylocta-2,6-dien-1-ol, ...	262	C16H22OS	1000196-46-7	40
5	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092319\
Data File : VV012954.D
Acq On : 23 Sep 2019 23:20
Operator : SY/MD
Sample : K4984-07
Misc : 4.61G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BEDL1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.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...	14.70	2.1	ug/L	160104	3	11.29	1938680	25.0
(DEL) Alkane: Str...	14.89	1.5	ug/L	118519	3	11.29	1938680	25.0
(DEL) Alkane: Str...	15.46	4.2	ug/L	326224	3	11.29	1938680	25.0
Decahydro-4,4,8,9...	15.64	5.8	ug/L	446167	3	11.29	1938680	25.0