LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022719\
Data File : VV009403.D
Acq On : 27 Feb 2019 17:24
Operator : SY/MD
Sample : K1626-12
Misc : 3.36G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF672

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\SOM2VLM022619S.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	1.315	65	70	85	rVB	61637	65670	12.52%	1.774%
2	1.572	146	150	166	rVB	104175	133344	25.42%	3.602%
3	2.126	314	322	334	rVB	160777	223394	42.58%	6.035%
4	2.537	439	450	460	rBV2	12520	21053	4.01%	0.569%
5	2.662	487	489	493	rBV2	462	269	0.05%	0.007%
6	2.717	502	506	507	rBV2	375	253	0.05%	0.007%
7	2.785	524	527	530	rBV2	558	290	0.06%	0.008%
8	2.894	558	561	566	rBV2	326	266	0.05%	0.007%
9	2.923	568	570	576	rVB6	596	434	0.08%	0.012%
10	2.981	584	588	590	rBV2	513	412	0.08%	0.011%
11	3.016	597	599	602	rVV2	410	270	0.05%	0.007%
12	3.074	606	617	633	rVB2	14414	29328	5.59%	0.792%
13	3.164	643	645	648	rBV2	452	274	0.05%	0.007%
14	3.309	684	690	695	rVB4	513	620	0.12%	0.017%
15	3.453	726	735	739	rBV4	533	656	0.13%	0.018%
16	3.489	743	746	752	rVV2	383	315	0.06%	0.009%
17	3.701	809	812	815	rBV3	369	350	0.07%	0.009%
18	3.785	835	838	842	rBV3	516	413	0.08%	0.011%
19	3.952	879	890	920	rBV	10365	36033	6.87%	0.973%
20	4.312	995	1002	1005	rBV4	349	468	0.09%	0.013%
21	4.402	1013	1030	1053	rBV	89899	223517	42.60%	6.038%
22	4.714	1121	1127	1130	rBV2	353	344	0.07%	0.009%
23	4.814	1154	1158	1163	rVB3	452	417	0.08%	0.011%
24	4.862	1169	1173	1176	rBV3	606	421	0.08%	0.011%
25	4.894	1181	1183	1187	rVB2	401	270	0.05%	0.007%
26	5.029	1216	1225	1227	rBV3	369	496	0.09%	0.013%
27	5.096	1228	1246	1278	rBV2	207395	524627	100.00%	14.172%
28	5.537	1381	1383	1386	rVB3	423	245	0.05%	0.007%
29	5.556	1386	1389	1396	rBV3	405	405	0.08%	0.011%
30	5.662	1410	1422	1449	rBV2	172142	353370	67.36%	9.546%
31	5.926	1500	1504	1505	rBV2	377	273	0.05%	0.007%
32	6.055	1541	1544	1549	rBV3	520	441	0.08%	0.012%
33	6.119	1549	1564	1585	rBV	116706	242167	46.16%	6.542%
34	6.299	1617	1620	1622	rBV	447	272	0.05%	0.007%

LSC Area Percent Report

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Misc : 3.36G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF672

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\SOM2VLM022619S.M
Title : VOC Analysis

35	6.424	1654	1659	1662	rBV	350	276	0.05%	0.007%
36	6.804	1775	1777	1781	rVV	391	288	0.05%	0.008%
37	7.029	1836	1847	1866	rVV2	65082	118316	22.55%	3.196%
38	7.129	1870	1878	1892	rVV3	3768	6920	1.32%	0.187%
39	7.289	1924	1928	1929	rBV2	377	272	0.05%	0.007%
40	7.360	1938	1950	1967	rBV	242160	426087	81.22%	11.510%
41	7.566	2012	2014	2018	rBV2	670	502	0.10%	0.014%
42	7.665	2031	2045	2061	rBV	39645	71697	13.67%	1.937%
43	7.775	2077	2079	2083	rBV	620	494	0.09%	0.013%
44	7.965	2135	2138	2140	rBV2	735	475	0.09%	0.013%
45	8.138	2182	2192	2220	rVV	47468	92456	17.62%	2.498%
46	8.341	2253	2255	2260	rBV2	365	281	0.05%	0.008%
47	8.466	2292	2294	2297	rVB	606	259	0.05%	0.007%
48	8.485	2297	2300	2305	rVB	347	256	0.05%	0.007%
49	8.608	2334	2338	2344	rBV3	427	419	0.08%	0.011%
50	8.768	2385	2388	2392	rBV	469	305	0.06%	0.008%
51	8.897	2415	2428	2448	rBV	239921	392207	74.76%	10.595%
52	9.138	2500	2503	2507	rBV	356	251	0.05%	0.007%
53	9.157	2507	2509	2513	rVV	283	242	0.05%	0.007%
54	9.196	2516	2521	2527	rVB5	642	725	0.14%	0.020%
55	9.389	2578	2581	2584	rBV3	398	245	0.05%	0.007%
56	9.453	2599	2601	2609	rBV2	423	417	0.08%	0.011%
57	9.585	2639	2642	2645	rBV3	432	394	0.08%	0.011%
58	9.620	2648	2653	2659	rVV3	519	517	0.10%	0.014%
59	9.762	2692	2697	2699	rBV3	316	342	0.07%	0.009%
60	9.813	2709	2713	2716	rBV2	376	339	0.06%	0.009%
61	9.900	2738	2740	2744	rVB	551	342	0.07%	0.009%
62	9.929	2744	2749	2751	rBV2	500	357	0.07%	0.010%
63	10.125	2807	2810	2815	rVB	368	307	0.06%	0.008%
64	10.263	2840	2853	2873	rBV	95985	153587	29.28%	4.149%
65	10.421	2896	2902	2903	rBV2	1142	949	0.18%	0.026%
66	10.469	2915	2917	2921	rVB	502	304	0.06%	0.008%
67	10.508	2923	2929	2932	rVV4	224	242	0.05%	0.007%
68	10.553	2939	2943	2947	rBV4	414	313	0.06%	0.008%
69	10.903	3049	3052	3055	rBV2	484	293	0.06%	0.008%
70	10.955	3062	3068	3070	rBV2	1023	927	0.18%	0.025%
71	11.025	3085	3090	3094	rVB2	346	319	0.06%	0.009%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022719\
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF672

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\SOM2VLM022619S.M
Title : VOC Analysis

72	11.070	3101	3104	3108	rBV2	585	445	0.08%	0.012%
73	11.161	3127	3132	3134	rBV2	405	331	0.06%	0.009%
74	11.196	3134	3143	3148	rBV6	1376	2048	0.39%	0.055%
75	11.296	3163	3174	3192	rBV	174650	285049	54.33%	7.700%
76	11.672	3280	3291	3308	rVV	164489	264979	50.51%	7.158%
77	11.829	3338	3340	3344	rBV	404	341	0.06%	0.009%
78	11.884	3349	3357	3362	rBV5	876	1101	0.21%	0.030%
79	11.945	3374	3376	3382	rVV2	518	385	0.07%	0.010%
80	11.971	3382	3384	3389	rVB2	567	362	0.07%	0.010%
81	12.087	3417	3420	3425	rBV2	333	382	0.07%	0.010%
82	12.305	3481	3488	3489	rBV2	903	939	0.18%	0.025%
83	12.450	3529	3533	3538	rBV2	322	347	0.07%	0.009%
84	12.482	3540	3543	3549	rVB3	440	328	0.06%	0.009%
85	12.508	3549	3551	3557	rBV	282	291	0.06%	0.008%
86	12.569	3567	3570	3573	rBV	258	252	0.05%	0.007%
87	12.746	3620	3625	3627	rBV2	331	293	0.06%	0.008%
88	12.820	3643	3648	3652	rBV2	299	311	0.06%	0.008%
89	12.939	3681	3685	3692	rBV6	574	688	0.13%	0.019%
90	13.151	3748	3751	3753	rBV2	408	270	0.05%	0.007%
91	13.225	3771	3774	3777	rBV	349	309	0.06%	0.008%
92	13.283	3787	3792	3795	rBV2	338	311	0.06%	0.008%
93	13.341	3807	3810	3816	rBV4	312	307	0.06%	0.008%
94	13.437	3838	3840	3843	rBV2	511	259	0.05%	0.007%
95	13.463	3844	3848	3854	rVB3	601	577	0.11%	0.016%
96	13.569	3879	3881	3885	rVB	499	320	0.06%	0.009%
97	13.797	3947	3952	3960	rVB5	4104	5219	0.99%	0.141%
98	14.067	4033	4036	4042	rBV4	326	327	0.06%	0.009%
99	14.810	4264	4267	4269	rBV	455	243	0.05%	0.007%
100	16.006	4637	4639	4643	rBV2	604	423	0.08%	0.011%

Sum of corrected areas: 3701736

LSC Report - Integrated Chromatogram

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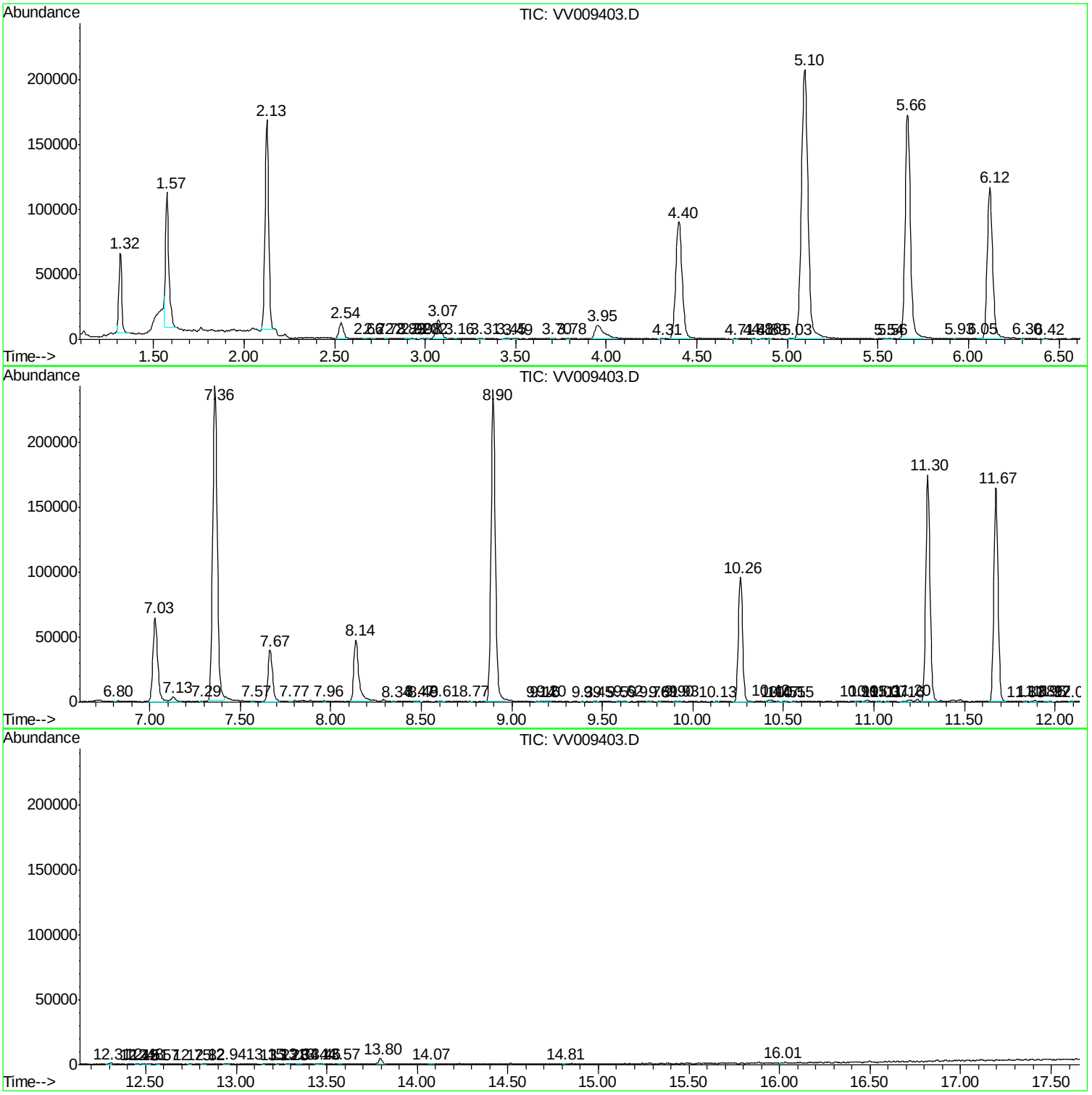
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF672

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.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_V\DATA\VV022719\
Data File : VV009403.D
Acq On : 27 Feb 2019 17:24
Operator : SY/MD
Sample : K1626-12
Misc : 3.36G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF672

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
Quant Title : VOC Analysis

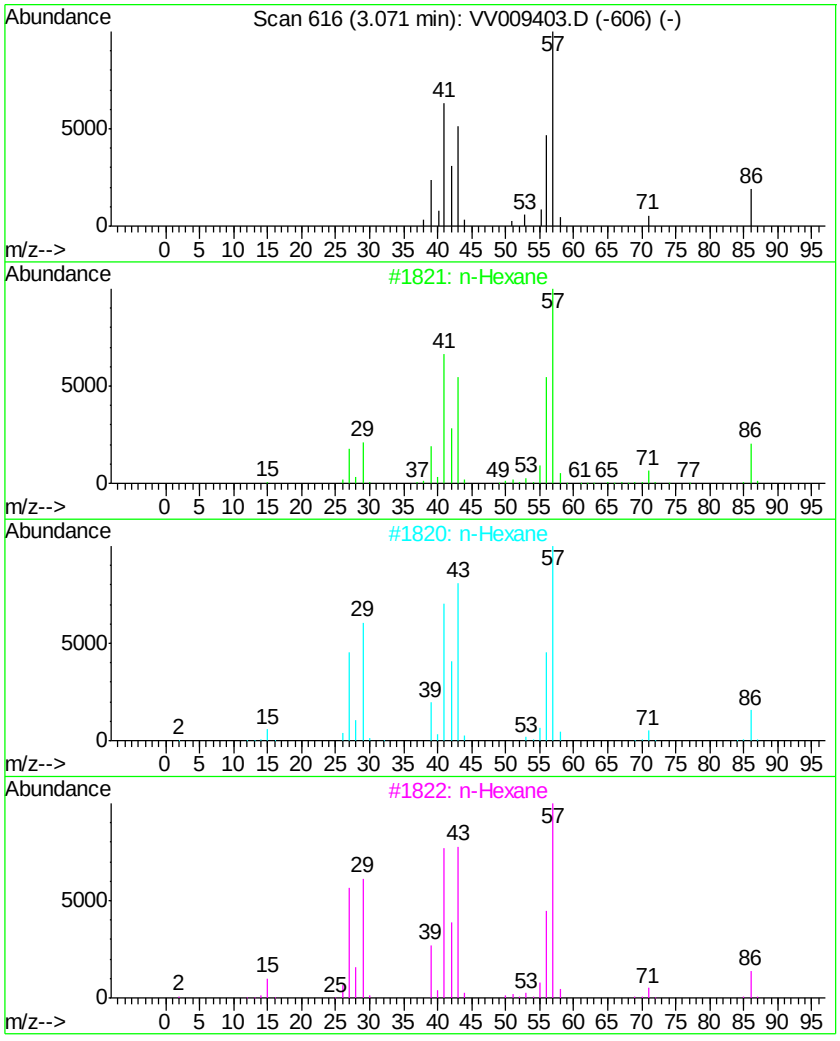
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

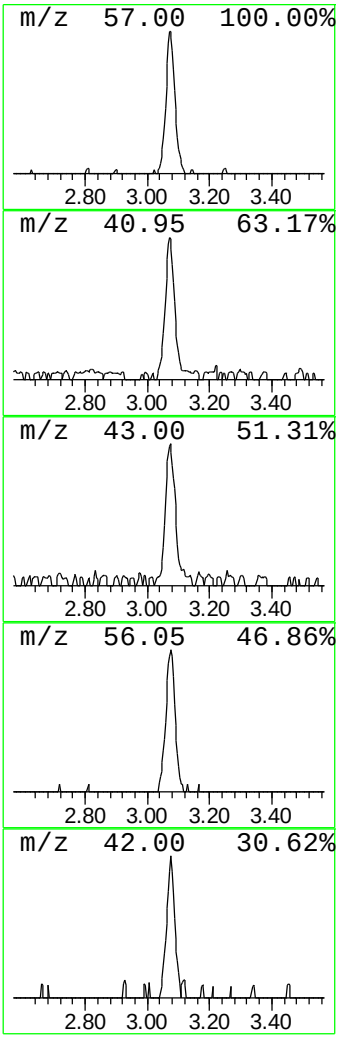
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.07	2.07 ug/L	29328	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	91
2	n-Hexane	86	C6H14	000110-54-3	72
3	n-Hexane	86	C6H14	000110-54-3	72
4	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	38
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	28





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022719\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.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...	3.07	2.1	ug/L	29328	1	5.67	353370	25.0