LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121918\
Data File : VV009057.D
Acq On : 19 Dec 2018 17:57
Operator : SY/MD
Sample : J6468-05
Misc : 5.98G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0JG3

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\SOM2VLM120618S.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	61	70	78	rVB	98723	104945	23.58%	3.914%
2	1.579	145	152	161	rVB	62862	72541	16.30%	2.705%
3	1.820	220	227	241	rVB	29248	40454	9.09%	1.509%
4	2.129	312	323	334	rBV	163010	238639	53.63%	8.900%
5	2.447	417	422	426	rBV2	497	682	0.15%	0.025%
6	2.756	515	518	519	rBV2	245	124	0.03%	0.005%
7	2.791	520	529	543	rVB3	4720	7876	1.77%	0.294%
8	2.978	584	587	590	rVV	201	115	0.03%	0.004%
9	3.016	595	599	603	rBV	234	196	0.04%	0.007%
10	3.074	608	617	628	rVB6	4570	8534	1.92%	0.318%
11	3.315	690	692	695	rVB	410	249	0.06%	0.009%
12	3.335	696	698	704	rBV	170	230	0.05%	0.009%
13	3.393	713	716	719	rBB	200	150	0.03%	0.006%
14	3.409	719	721	724	rBV	279	180	0.04%	0.007%
15	3.441	728	731	733	rBV	150	121	0.03%	0.005%
16	3.573	770	772	775	rVB	299	148	0.03%	0.006%
17	3.605	780	782	784	rBV	170	118	0.03%	0.004%
18	3.717	813	817	821	rVB	261	330	0.07%	0.012%
19	3.811	835	846	856	rVB5	1820	3584	0.81%	0.134%
20	3.901	870	874	875	rBV	163	114	0.03%	0.004%
21	3.962	875	893	916	rBV6	30706	112198	25.21%	4.184%
22	4.296	992	997	999	rBV	229	241	0.05%	0.009%
23	4.402	1011	1030	1054	rBV	81657	204830	46.03%	7.639%
24	4.563	1078	1080	1084	rVB2	171	123	0.03%	0.005%
25	4.714	1123	1127	1128	rBV2	776	469	0.11%	0.017%
26	4.817	1156	1159	1161	rBV2	341	188	0.04%	0.007%
27	4.875	1175	1177	1180	rBB	244	124	0.03%	0.005%
28	4.894	1181	1183	1187	rBB	210	158	0.04%	0.006%
29	4.987	1210	1212	1215	rVB2	321	205	0.05%	0.008%
30	5.097	1227	1246	1281	rBV2	172888	444989	100.00%	16.596%
31	5.254	1291	1295	1297	rBV2	386	273	0.06%	0.010%
32	5.277	1299	1302	1304	rBV2	337	214	0.05%	0.008%
33	5.347	1320	1324	1326	rBV	296	246	0.06%	0.009%
34	5.460	1356	1359	1363	rVB2	228	162	0.04%	0.006%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0JG3

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\SOM2VLM120618S.M
Title : VOC Analysis

35	5.550	1385	1387	1390	rBV	181	165	0.04%	0.006%
36	5.666	1406	1423	1445	rBV	130339	263070	59.12%	9.811%
37	5.891	1490	1493	1495	rBB	240	136	0.03%	0.005%
38	5.955	1500	1513	1529	rVB4	27581	61285	13.77%	2.286%
39	6.052	1541	1543	1546	rBV2	246	182	0.04%	0.007%
40	6.119	1550	1564	1583	rBV	107255	221871	49.86%	8.275%
41	6.251	1601	1605	1607	rBV3	468	342	0.08%	0.013%
42	6.273	1610	1612	1615	rVB2	279	134	0.03%	0.005%
43	6.399	1648	1651	1657	rVB2	137	126	0.03%	0.005%
44	6.460	1666	1670	1675	rBV	201	259	0.06%	0.010%
45	6.637	1722	1725	1727	rBB	252	126	0.03%	0.005%
46	6.669	1732	1735	1741	rBB2	254	247	0.06%	0.009%
47	6.698	1742	1744	1748	rBV	141	155	0.03%	0.006%
48	6.730	1751	1754	1757	rVV2	218	174	0.04%	0.006%
49	6.765	1761	1765	1767	rBV	159	160	0.04%	0.006%
50	6.868	1791	1797	1804	rBB	189	312	0.07%	0.012%
51	6.949	1820	1822	1826	rVB	327	208	0.05%	0.008%
52	7.032	1836	1848	1863	rBV	31287	56641	12.73%	2.112%
53	7.151	1883	1885	1889	rVB	335	229	0.05%	0.009%
54	7.228	1905	1909	1913	rBV2	315	301	0.07%	0.011%
55	7.264	1917	1920	1922	rBV2	291	168	0.04%	0.006%
56	7.360	1936	1950	1968	rBV	149122	262614	59.02%	9.794%
57	7.666	2034	2045	2060	rVV2	15970	27104	6.09%	1.011%
58	7.817	2089	2092	2094	rBB	290	160	0.04%	0.006%
59	7.862	2104	2106	2109	rBV2	291	169	0.04%	0.006%
60	7.974	2133	2141	2142	rBV	1000	864	0.19%	0.032%
61	8.023	2149	2156	2163	rVB4	1869	2726	0.61%	0.102%
62	8.142	2182	2193	2223	rBV5	30369	83907	18.86%	3.129%
63	8.363	2261	2262	2266	rBV	396	246	0.06%	0.009%
64	8.463	2287	2293	2295	rBV	582	668	0.15%	0.025%
65	8.698	2362	2366	2372	rBV2	383	375	0.08%	0.014%
66	8.897	2417	2428	2446	rBV	104092	179671	40.38%	6.701%
67	9.061	2473	2479	2488	rVB3	633	793	0.18%	0.030%
68	9.193	2512	2520	2525	rBV2	667	924	0.21%	0.034%
69	9.257	2537	2540	2544	rBV	182	224	0.05%	0.008%
70	9.460	2600	2603	2605	rBV	160	142	0.03%	0.005%
71	9.566	2632	2636	2638	rBV	202	142	0.03%	0.005%

LSC Area Percent Report

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Sample : J6468-05
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0JG3

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\SOM2VLM120618S.M
Title : VOC Analysis

72	9.617	2649	2652	2655	rBV2	192	132	0.03%	0.005%
73	10.106	2795	2804	2810	rBV2	385	787	0.18%	0.029%
74	10.264	2841	2853	2871	rVB2	73247	119500	26.85%	4.457%
75	10.428	2895	2904	2915	rVB4	6902	11114	2.50%	0.414%
76	10.592	2952	2955	2957	rBV	192	161	0.04%	0.006%
77	10.627	2963	2966	2970	rVB3	431	294	0.07%	0.011%
78	10.788	3012	3016	3020	rBV2	349	360	0.08%	0.013%
79	10.955	3065	3068	3069	rBV	310	184	0.04%	0.007%
80	11.055	3096	3099	3101	rBV2	181	129	0.03%	0.005%
81	11.135	3121	3124	3127	rVB2	269	190	0.04%	0.007%
82	11.196	3139	3143	3146	rBV2	251	173	0.04%	0.006%
83	11.299	3162	3175	3193	rBV2	31157	55220	12.41%	2.059%
84	11.376	3196	3199	3201	rBV	637	406	0.09%	0.015%
85	11.485	3231	3233	3237	rVB	234	128	0.03%	0.005%
86	11.675	3281	3292	3305	rBV2	47128	79257	17.81%	2.956%
87	11.833	3338	3341	3348	rVB2	419	333	0.07%	0.012%
88	11.894	3358	3360	3362	rBV	303	153	0.03%	0.006%
89	11.926	3367	3370	3373	rBV2	214	155	0.03%	0.006%
90	12.251	3468	3471	3476	rBV	188	193	0.04%	0.007%
91	12.437	3526	3529	3531	rBV	241	133	0.03%	0.005%
92	13.051	3718	3720	3724	rBV2	326	204	0.05%	0.008%
93	13.276	3786	3790	3791	rBV	198	139	0.03%	0.005%
94	13.450	3842	3844	3847	rVB2	231	124	0.03%	0.005%
95	13.733	3930	3932	3933	rBV2	270	117	0.03%	0.004%
96	14.006	4014	4017	4020	rBV2	267	218	0.05%	0.008%
97	14.087	4039	4042	4044	rBV	219	137	0.03%	0.005%
98	14.161	4061	4065	4068	rBV2	256	237	0.05%	0.009%
99	14.199	4074	4077	4078	rBV	198	139	0.03%	0.005%
100	14.257	4091	4095	4096	rBV2	352	255	0.06%	0.010%

Sum of corrected areas: 2681342

LSC Report - Integrated Chromatogram

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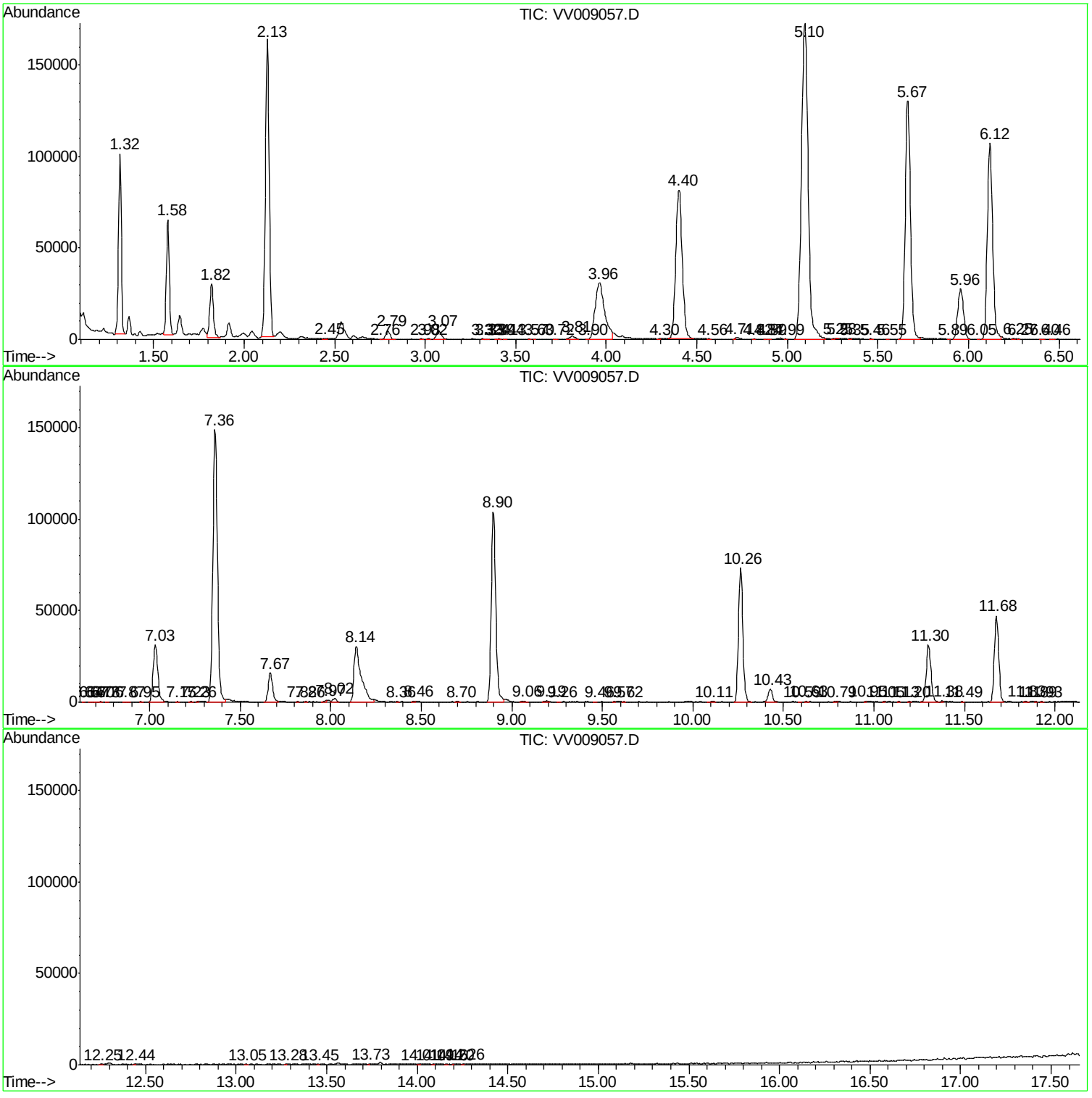
Misc : 5.98G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0JG3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.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\VV121918\
Data File : VV009057.D
Acq On : 19 Dec 2018 17:57
Operator : SY/MD
Sample : J6468-05
Misc : 5.98G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0JG3

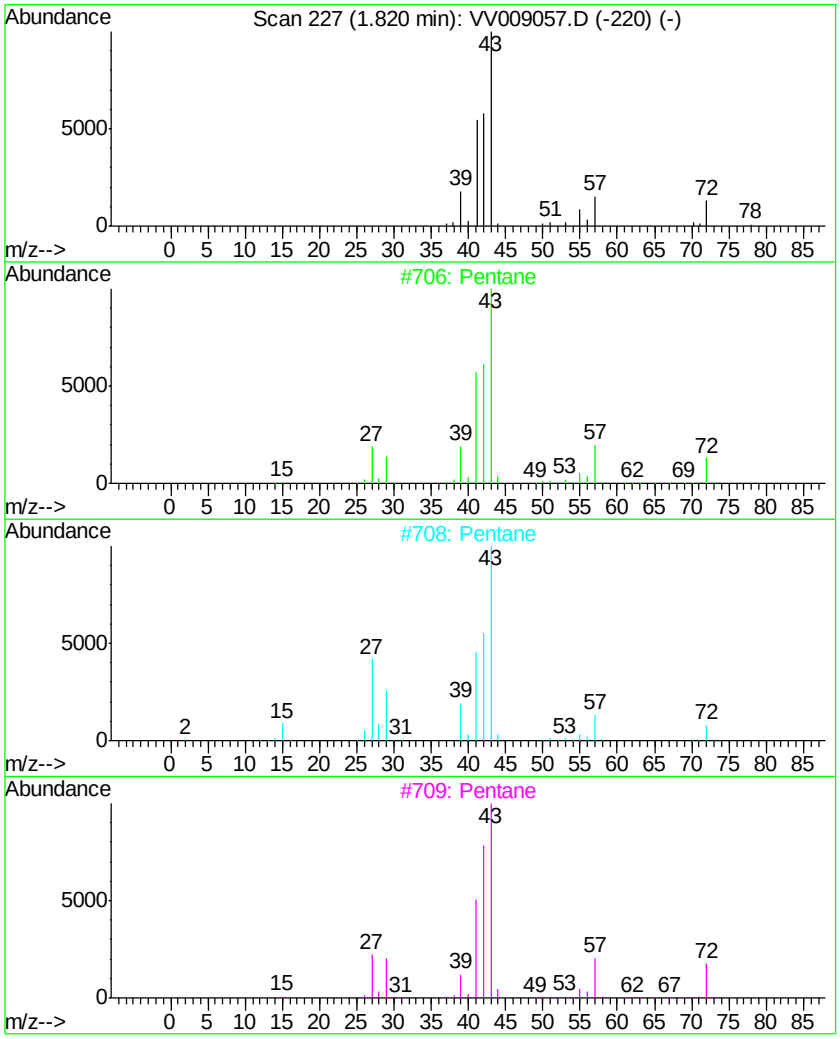
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis

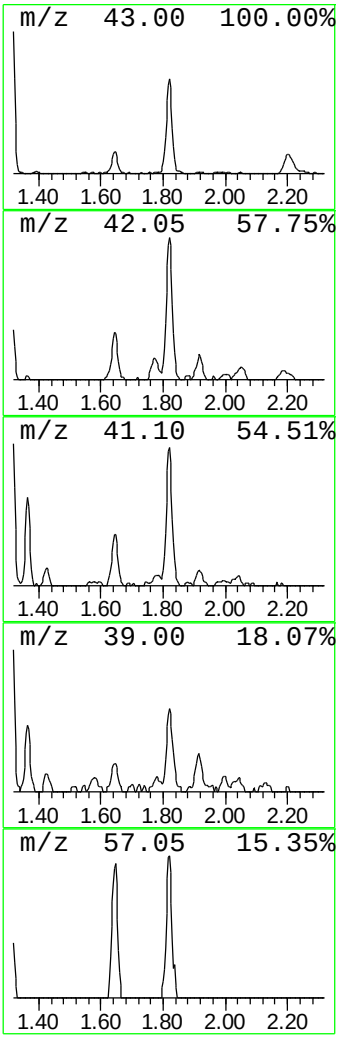
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.82	3.84 ug/L	40454	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	86
2	Pentane	72	C5H12	000109-66-0	86
3	Pentane	72	C5H12	000109-66-0	78
4	Pentane	72	C5H12	000109-66-0	78
5	Oxirane, ethyl-	72	C4H8O	000106-88-7	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121918\
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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
(DEL) Alkane: Str...	1.82	3.8	ug/L	40454	1 5.67	263070	25.0