LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\
Data File : VV010929.D
Acq On : 16 May 2019 12:40
Operator : SY/MD
Sample : K2788-09
Misc : 6.29G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A5197

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\SOM2VLM051319S.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	1.319	66	71	78	rVB	63294	57313	11.96%	1.553%
2	1.579	145	152	160	rVB	42805	48165	10.05%	1.305%
3	2.126	313	322	335	rBV	104006	145451	30.35%	3.940%
4	2.373	393	399	402	rBV3	615	711	0.15%	0.019%
5	2.470	427	429	433	rVB2	261	120	0.03%	0.003%
6	2.531	439	448	461	rBV2	9034	14491	3.02%	0.393%
7	2.949	572	578	582	rBV2	214	295	0.06%	0.008%
8	3.145	636	639	641	rBV2	156	128	0.03%	0.003%
9	3.216	659	661	663	rBV2	274	131	0.03%	0.004%
10	3.280	674	681	684	rBV2	228	315	0.07%	0.009%
11	3.544	760	763	766	rBV	209	186	0.04%	0.005%
12	3.743	822	825	828	rBV	257	224	0.05%	0.006%
13	3.801	841	843	847	rVB	204	156	0.03%	0.004%
14	3.823	847	850	854	rBV2	223	217	0.05%	0.006%
15	3.846	854	857	860	rBV2	166	148	0.03%	0.004%
16	3.936	874	885	910	rBV2	16066	42775	8.92%	1.159%
17	4.164	954	956	960	rVB	478	203	0.04%	0.005%
18	4.341	1007	1011	1012	rBV	248	186	0.04%	0.005%
19	4.399	1012	1029	1049	rVV2	82772	200612	41.86%	5.435%
20	4.721	1128	1129	1132	rBV	247	143	0.03%	0.004%
21	4.775	1143	1146	1151	rVB2	171	193	0.04%	0.005%
22	4.801	1151	1154	1157	rBV2	185	149	0.03%	0.004%
23	4.904	1181	1186	1188	rBV2	160	155	0.03%	0.004%
24	4.952	1197	1201	1203	rBV	193	131	0.03%	0.004%
25	5.093	1224	1245	1273	rBV3	191598	479272	100.00%	12.984%
26	5.373	1327	1332	1333	rBV2	313	214	0.04%	0.006%
27	5.402	1338	1341	1342	rBV	258	137	0.03%	0.004%
28	5.441	1350	1353	1356	rBV2	255	227	0.05%	0.006%
29	5.524	1377	1379	1382	rBV2	299	161	0.03%	0.004%
30	5.560	1384	1390	1393	rVB2	186	218	0.05%	0.006%
31	5.614	1403	1407	1408	rBV	201	150	0.03%	0.004%
32	5.663	1408	1422	1454	rBV	144313	306204	63.89%	8.296%
33	5.891	1491	1493	1495	rVV2	292	125	0.03%	0.003%
34	5.952	1506	1512	1516	rBV6	1016	1246	0.26%	0.034%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A5197

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_V\METHOD\SOM2VLM051319S.M
Title : VOC Analysis

35	6.023	1531	1534	1537	rBV2	271	234	0.05%	0.006%
36	6.061	1541	1546	1548	rBV2	150	174	0.04%	0.005%
37	6.116	1549	1563	1590	rBV2	111402	229089	47.80%	6.206%
38	6.274	1609	1612	1614	rBV	130	115	0.02%	0.003%
39	6.309	1619	1623	1626	rBV2	333	343	0.07%	0.009%
40	6.418	1651	1657	1662	rBV2	241	347	0.07%	0.009%
41	6.550	1692	1698	1701	rVB2	181	189	0.04%	0.005%
42	6.576	1701	1706	1708	rBV	289	310	0.06%	0.008%
43	6.640	1723	1726	1728	rBV	279	154	0.03%	0.004%
44	6.656	1728	1731	1733	rBV2	306	207	0.04%	0.006%
45	6.701	1739	1745	1748	rVB3	460	418	0.09%	0.011%
46	6.720	1748	1751	1756	rBV2	200	142	0.03%	0.004%
47	6.862	1789	1795	1798	rBV2	170	250	0.05%	0.007%
48	6.929	1813	1816	1820	rBV2	202	219	0.05%	0.006%
49	6.955	1820	1824	1826	rBV	155	164	0.03%	0.004%
50	7.029	1835	1847	1869	rBV	55377	100870	21.05%	2.733%
51	7.286	1922	1927	1929	rBV	233	172	0.04%	0.005%
52	7.360	1936	1950	1983	rBV	209904	392794	81.96%	10.641%
53	7.547	2003	2008	2010	rBV2	220	181	0.04%	0.005%
54	7.663	2034	2044	2058	rBV2	36414	62244	12.99%	1.686%
55	7.830	2091	2096	2097	rBV	194	158	0.03%	0.004%
56	7.888	2111	2114	2119	rVB2	256	160	0.03%	0.004%
57	7.981	2131	2143	2150	rBV6	2766	5195	1.08%	0.141%
58	8.077	2171	2173	2177	rBV	182	115	0.02%	0.003%
59	8.132	2179	2190	2206	rBV	63478	111612	23.29%	3.024%
60	8.470	2291	2295	2296	rBV2	248	171	0.04%	0.005%
61	8.515	2305	2309	2311	rBV2	270	215	0.04%	0.006%
62	8.637	2345	2347	2351	rBV2	128	122	0.03%	0.003%
63	8.720	2370	2373	2375	rBV	326	186	0.04%	0.005%
64	8.830	2403	2407	2410	rBV3	330	234	0.05%	0.006%
65	8.894	2415	2427	2469	rVV	230718	399410	83.34%	10.821%
66	9.055	2471	2477	2485	rVB4	580	887	0.19%	0.024%
67	9.183	2511	2517	2525	rVB2	538	901	0.19%	0.024%
68	9.244	2529	2536	2546	rBV2	5002	7793	1.63%	0.211%
69	9.518	2614	2621	2629	rBV4	3866	5745	1.20%	0.156%
70	9.560	2629	2634	2637	rVB3	420	401	0.08%	0.011%
71	9.595	2637	2645	2646	rBV3	1558	1701	0.35%	0.046%

LSC Area Percent Report

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Instrument : MSVOA_V
ClientSampleId : A5197

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\SOM2VLM051319S.M
Title : VOC Analysis

72	9.717	2677	2683	2685	rBV3	911	1154	0.24%	0.031%
73	9.752	2689	2694	2705	rVB5	10601	16326	3.41%	0.442%
74	9.810	2705	2712	2715	rBV2	2091	2379	0.50%	0.064%
75	9.955	2750	2757	2768	rVB6	1660	3085	0.64%	0.084%
76	10.061	2783	2790	2798	rBV6	4571	6918	1.44%	0.187%
77	10.260	2834	2852	2869	rBV	116269	184611	38.52%	5.001%
78	10.334	2869	2875	2877	rBV3	456	409	0.09%	0.011%
79	10.428	2891	2904	2913	rVB4	5554	9595	2.00%	0.260%
80	10.473	2916	2918	2921	rBV2	455	297	0.06%	0.008%
81	10.553	2937	2943	2952	rBV5	2549	3424	0.71%	0.093%
82	10.621	2955	2964	2980	rVB2	22004	35584	7.42%	0.964%
83	10.704	2986	2990	2995	rBV3	772	852	0.18%	0.023%
84	11.071	3100	3104	3113	rBV4	1833	2587	0.54%	0.070%
85	11.109	3113	3116	3119	rBV4	914	775	0.16%	0.021%
86	11.296	3163	3174	3193	rBV	241759	393323	82.07%	10.656%
87	11.672	3279	3291	3308	rBV	240693	390568	81.49%	10.581%
88	12.022	3397	3400	3401	rBV2	924	539	0.11%	0.015%
89	12.084	3417	3419	3421	rBV2	361	159	0.03%	0.004%
90	12.100	3421	3424	3425	rBV2	330	204	0.04%	0.006%
91	12.238	3463	3467	3475	rVB5	550	592	0.12%	0.016%
92	12.299	3475	3486	3495	rBV2	4208	7540	1.57%	0.204%
93	12.379	3508	3511	3513	rBV2	384	269	0.06%	0.007%
94	12.518	3551	3554	3560	rVB7	1342	1350	0.28%	0.037%
95	12.543	3560	3562	3566	rVB2	454	299	0.06%	0.008%
96	12.601	3578	3580	3585	rVB2	303	190	0.04%	0.005%
97	12.630	3586	3589	3592	rBV2	368	300	0.06%	0.008%
98	12.717	3609	3616	3622	rBV4	1397	1790	0.37%	0.048%
99	12.929	3677	3682	3690	rVB3	1404	1598	0.33%	0.043%
100	14.260	4094	4096	4100	rBV2	359	294	0.06%	0.008%

Sum of corrected areas: 3691185

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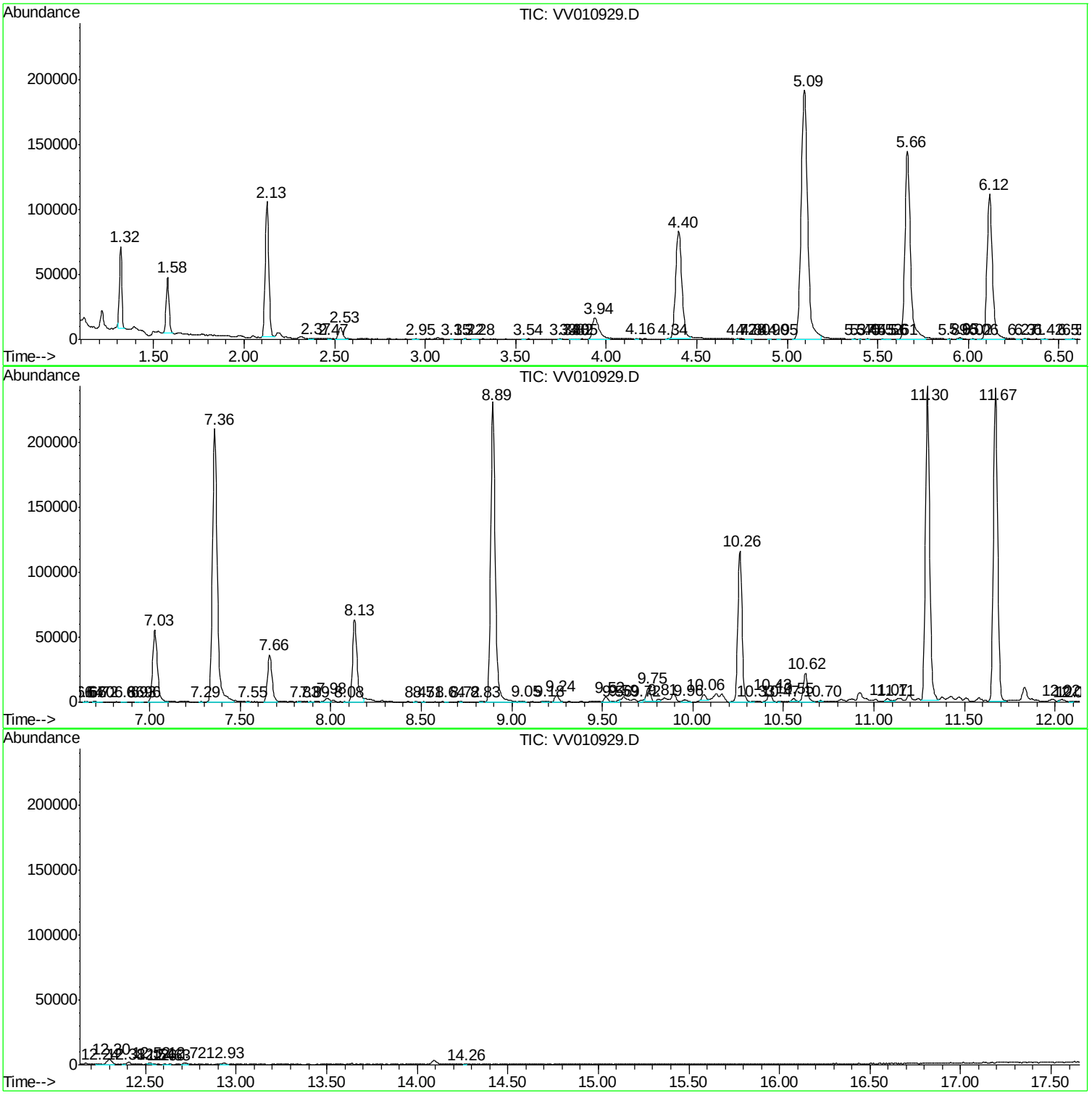
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\
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Acq On : 16 May 2019 12:40
Operator : SY/MD
Sample : K2788-09
Misc : 6.29G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A5197

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis

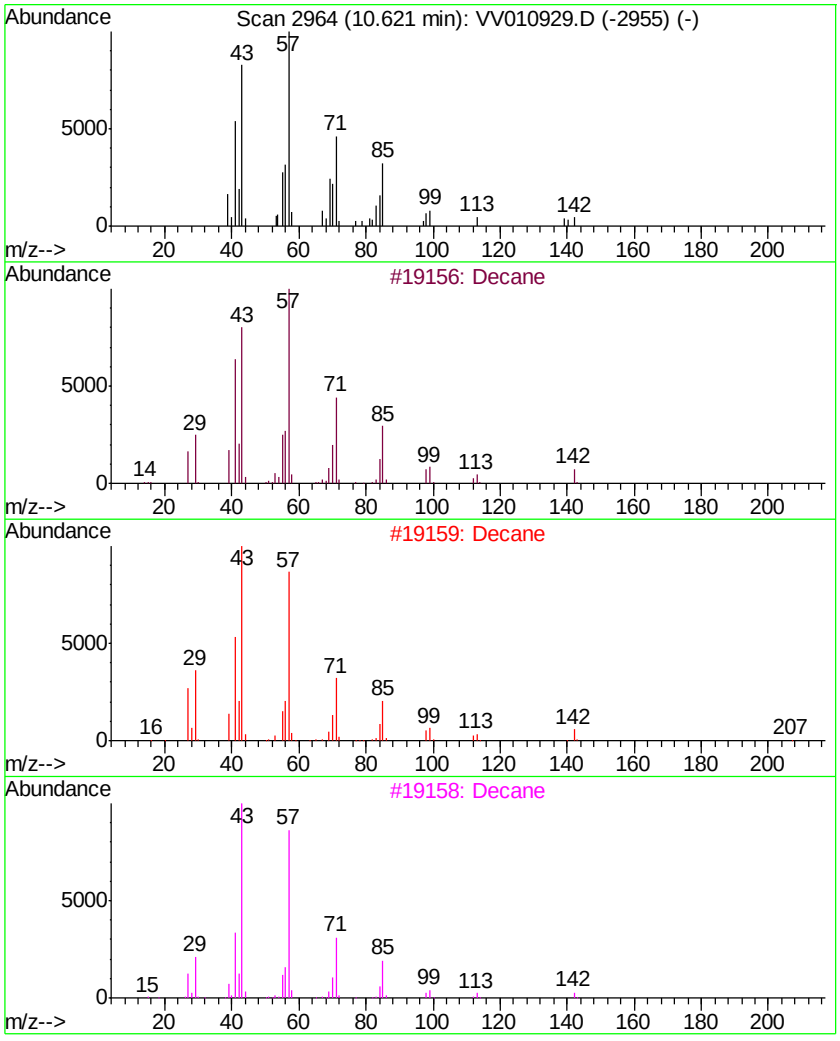
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

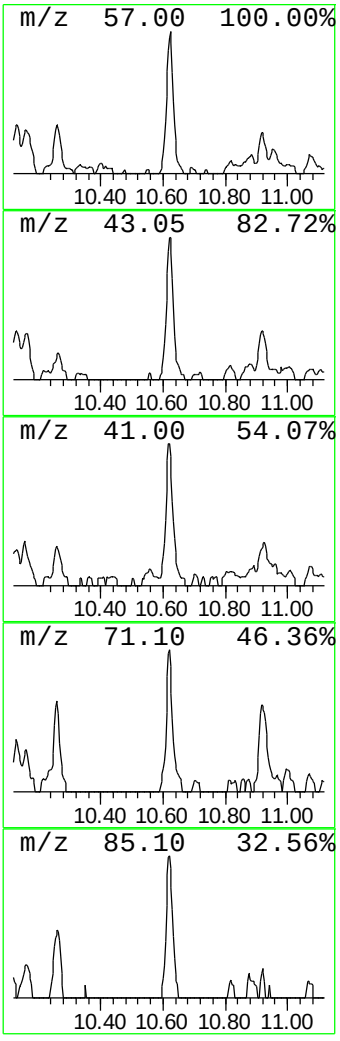
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	2.26 ug/L	35584	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	91
2	Decane	142	C10H22	000124-18-5	91
3	Decane	142	C10H22	000124-18-5	87
4	Decane	142	C10H22	000124-18-5	87
5	Nonane	128	C9H20	000111-84-2	53





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
(DEL) Alkane: Str...	10.62	2.3	ug/L	35584	3	11.30	393323	25.0