LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
Data File : VV010734.D
Acq On : 08 May 2019 18:52
Operator : SY/MD
Sample : K2633-12RE
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJA4RE

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\SOM2VLM050719S.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	15191	14448	15.03%	1.700%
2	1.582	147	153	159	rVB	13086	14001	14.57%	1.647%
3	2.126	314	322	334	rVB	27795	38531	40.10%	4.534%
4	2.534	440	449	459	rVB2	8731	13858	14.42%	1.631%
5	2.688	494	497	503	rBV2	245	299	0.31%	0.035%
6	2.872	550	554	559	rBV2	263	294	0.31%	0.035%
7	2.997	591	593	597	rBV2	176	175	0.18%	0.021%
8	3.074	612	617	623	rVB5	913	1105	1.15%	0.130%
9	3.187	650	652	656	rVB2	221	154	0.16%	0.018%
10	3.232	656	666	669	rBV	323	447	0.47%	0.053%
11	3.354	700	704	707	rBV2	314	301	0.31%	0.035%
12	3.541	760	762	765	rBV	217	130	0.14%	0.015%
13	3.579	770	774	778	rBV	226	168	0.17%	0.020%
14	3.637	787	792	794	rBV	178	200	0.21%	0.024%
15	3.740	822	824	828	rVV2	262	197	0.20%	0.023%
16	3.772	832	834	838	rVB2	205	143	0.15%	0.017%
17	3.814	843	847	850	rBV2	249	206	0.21%	0.024%
18	3.946	877	888	902	rBV2	2989	6942	7.22%	0.817%
19	4.071	923	927	929	rBV2	227	196	0.20%	0.023%
20	4.209	966	970	976	rVB2	335	303	0.32%	0.036%
21	4.248	976	982	984	rBV2	284	247	0.26%	0.029%
22	4.402	1014	1030	1047	rBV	17051	41118	42.79%	4.838%
23	4.502	1059	1061	1066	rVB2	594	327	0.34%	0.038%
24	4.528	1067	1069	1070	rBV2	314	139	0.14%	0.016%
25	4.573	1080	1083	1086	rVB	201	139	0.14%	0.016%
26	4.608	1090	1094	1098	rVV2	200	208	0.22%	0.024%
27	4.724	1125	1130	1133	rBV2	221	279	0.29%	0.033%
28	4.823	1155	1161	1164	rBV2	225	266	0.28%	0.031%
29	4.955	1200	1202	1209	rVB2	332	229	0.24%	0.027%
30	5.026	1220	1224	1228	rBV2	237	253	0.26%	0.030%
31	5.094	1230	1245	1265	rBV3	38386	96099	100.00%	11.307%
32	5.547	1383	1386	1389	rBV	170	136	0.14%	0.016%
33	5.602	1399	1403	1407	rBV2	237	192	0.20%	0.023%
34	5.666	1411	1423	1446	rVV	30849	62588	65.13%	7.364%

LSC Area Percent Report

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Sample : K2633-12RE
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJA4RE

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\SOM2VLM050719S.M
Title : VOC Analysis

35	5.884	1488	1491	1494	rBV	272	184	0.19%	0.022%
36	5.910	1494	1499	1503	rVB2	291	363	0.38%	0.043%
37	5.936	1503	1507	1509	rBV	239	156	0.16%	0.018%
38	5.978	1517	1520	1522	rBV2	215	150	0.16%	0.018%
39	6.116	1550	1563	1584	rVV3	22565	46971	48.88%	5.527%
40	6.222	1593	1596	1601	rVB2	381	329	0.34%	0.039%
41	6.299	1616	1620	1623	rBV2	222	182	0.19%	0.021%
42	6.425	1655	1659	1664	rVB2	253	295	0.31%	0.035%
43	6.495	1679	1681	1684	rVV	278	156	0.16%	0.018%
44	6.573	1703	1705	1708	rVB	304	143	0.15%	0.017%
45	6.589	1708	1710	1715	rBV2	221	207	0.22%	0.024%
46	6.717	1747	1750	1756	rVB2	244	245	0.25%	0.029%
47	6.991	1832	1835	1837	rBV2	240	155	0.16%	0.018%
48	7.029	1838	1847	1860	rVV4	10361	17902	18.63%	2.106%
49	7.135	1875	1880	1883	rBV2	234	204	0.21%	0.024%
50	7.241	1910	1913	1915	rBV	251	156	0.16%	0.018%
51	7.261	1915	1919	1923	rBV2	186	198	0.21%	0.023%
52	7.360	1938	1950	1967	rBV	42417	77358	80.50%	9.102%
53	7.527	1997	2002	2004	rBV2	349	311	0.32%	0.037%
54	7.566	2009	2014	2019	rVB	285	321	0.33%	0.038%
55	7.614	2025	2029	2034	rBB2	217	188	0.20%	0.022%
56	7.666	2036	2045	2059	rVB2	6315	11176	11.63%	1.315%
57	7.720	2059	2062	2067	rBV2	339	289	0.30%	0.034%
58	7.949	2128	2133	2136	rBV2	211	210	0.22%	0.025%
59	8.023	2152	2156	2158	rBV	254	190	0.20%	0.022%
60	8.138	2183	2192	2205	rBV3	8065	15424	16.05%	1.815%
61	8.367	2259	2263	2266	rBV2	208	203	0.21%	0.024%
62	8.547	2317	2319	2322	rBV	248	198	0.21%	0.023%
63	8.839	2406	2410	2412	rBV2	223	217	0.23%	0.026%
64	8.897	2417	2428	2447	rBV	49817	84705	88.14%	9.967%
65	8.994	2455	2458	2462	rBV4	323	218	0.23%	0.026%
66	9.055	2474	2477	2479	rBV2	285	185	0.19%	0.022%
67	9.119	2493	2497	2500	rVB	185	155	0.16%	0.018%
68	9.183	2514	2517	2523	rVB3	540	513	0.53%	0.060%
69	9.244	2530	2536	2539	rBV	292	324	0.34%	0.038%
70	9.380	2573	2578	2581	rBV	216	262	0.27%	0.031%
71	9.457	2597	2602	2607	rVB2	212	266	0.28%	0.031%

LSC Area Percent Report

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Sample : K2633-12RE
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJA4RE

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\SOM2VLM050719S.M
Title : VOC Analysis

72	9.479	2607	2609	2611	rBV	217	147	0.15%	0.017%
73	9.515	2616	2620	2623	rBV	132	144	0.15%	0.017%
74	9.579	2636	2640	2642	rBV2	209	169	0.18%	0.020%
75	9.698	2671	2677	2680	rBV2	219	252	0.26%	0.030%
76	9.759	2692	2696	2702	rBV2	293	432	0.45%	0.051%
77	9.855	2722	2726	2729	rBV	160	155	0.16%	0.018%
78	9.984	2761	2766	2771	rBV2	303	395	0.41%	0.046%
79	10.080	2794	2796	2799	rVB2	266	157	0.16%	0.018%
80	10.125	2808	2810	2814	rBV	173	157	0.16%	0.018%
81	10.164	2819	2822	2825	rBV2	192	166	0.17%	0.020%
82	10.261	2842	2852	2864	rBV2	19438	30765	32.01%	3.620%
83	10.707	2984	2991	2995	rBV2	263	403	0.42%	0.047%
84	10.958	3066	3069	3072	rBV3	365	295	0.31%	0.035%
85	11.042	3092	3095	3097	rBV	210	157	0.16%	0.018%
86	11.296	3163	3174	3187	rBV2	42253	68474	71.25%	8.057%
87	11.672	3281	3291	3305	rBV	43632	68482	71.26%	8.058%
88	11.794	3322	3329	3337	rBV	1209	1782	1.85%	0.210%
89	11.868	3349	3352	3355	rBV	212	188	0.20%	0.022%
90	12.772	3630	3633	3637	rBV	247	221	0.23%	0.026%
91	12.807	3641	3644	3647	rBV	236	183	0.19%	0.022%
92	12.871	3661	3664	3666	rBV	210	148	0.15%	0.017%
93	13.100	3730	3735	3744	rBV4	1118	1541	1.60%	0.181%
94	13.553	3865	3876	3889	rBV	48044	75374	78.43%	8.869%
95	13.791	3947	3950	3958	rBV4	770	847	0.88%	0.100%
96	14.637	4209	4213	4215	rBV2	292	204	0.21%	0.024%
97	14.682	4218	4227	4238	rVV2	16324	25184	26.21%	2.963%
98	14.865	4276	4284	4296	rBV3	12415	18086	18.82%	2.128%
99	15.141	4367	4370	4372	rBV	274	166	0.17%	0.020%
100	15.456	4466	4468	4470	rBV2	288	173	0.18%	0.020%

Sum of corrected areas: 849874

LSC Report - Integrated Chromatogram

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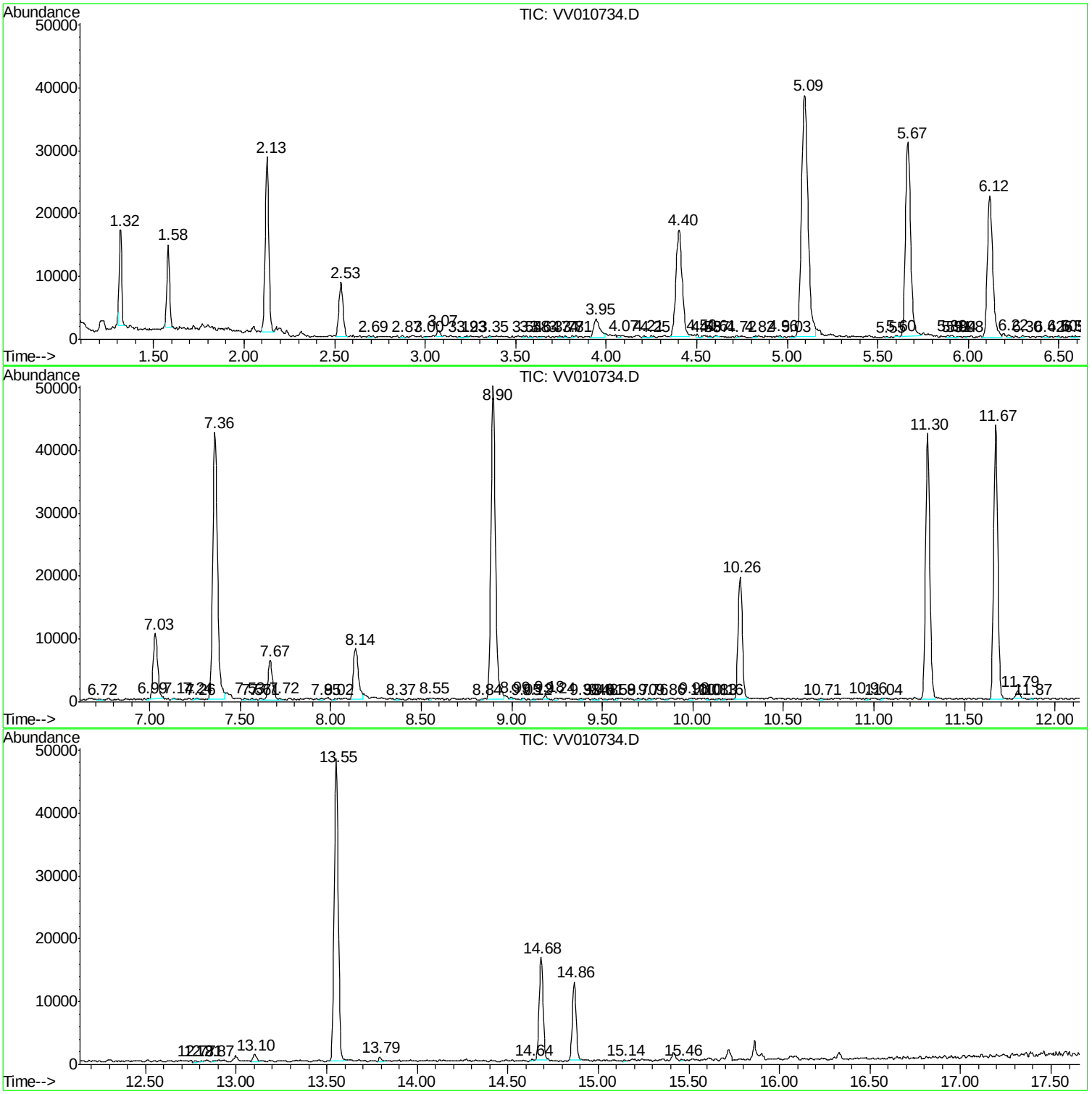
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJA4RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.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\VV050719\
Data File : VV010734.D
Acq On : 08 May 2019 18:52
Operator : SY/MD
Sample : K2633-12RE
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJA4RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

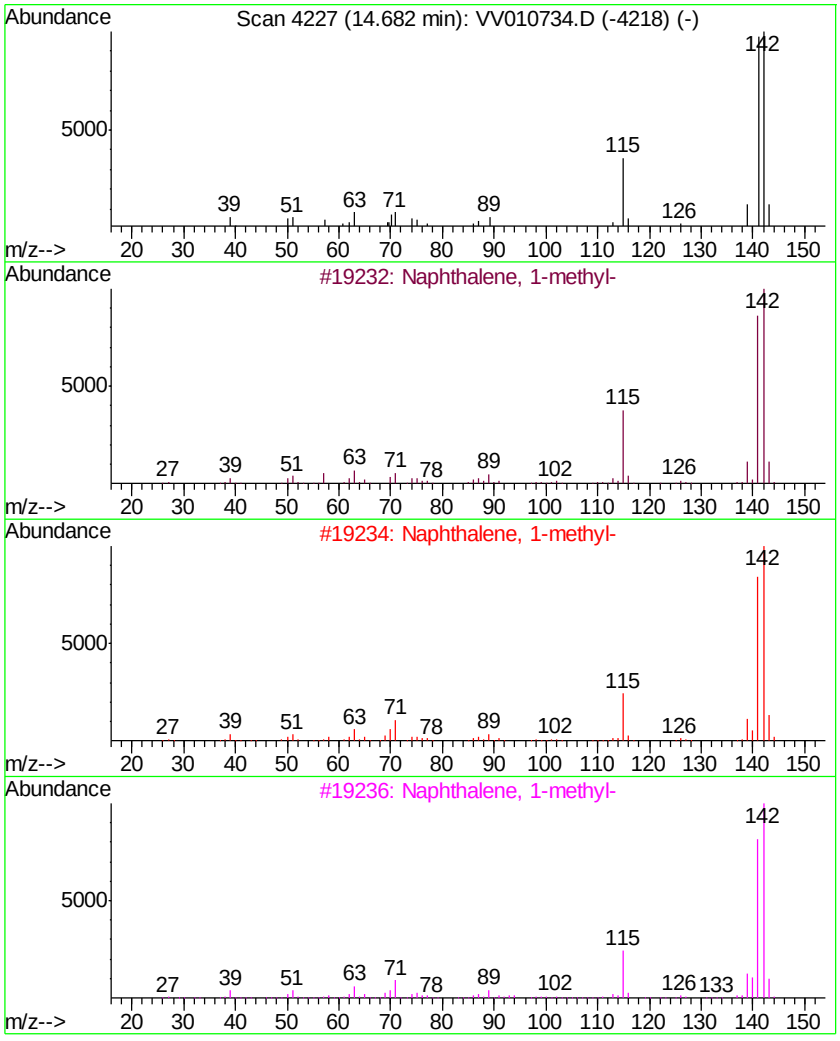
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

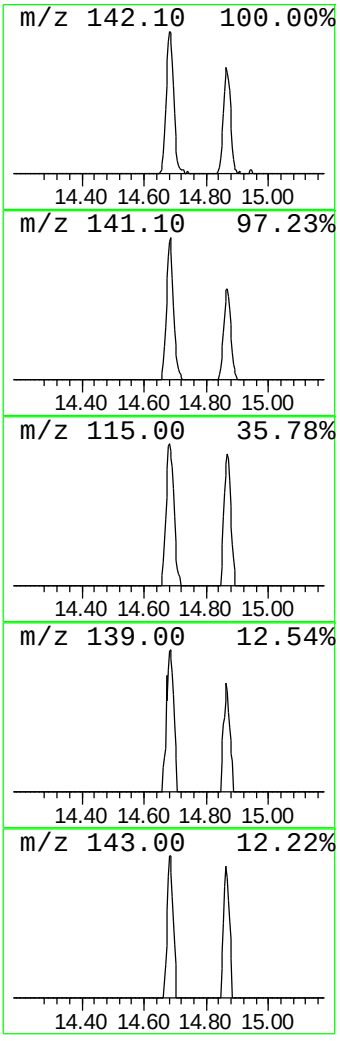
****

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	9.19 ug/L	25184	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
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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
Naphthalene, 1-me...	14.68	9.2	ug/L	25184	3	11.30	68474	25.0