LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052119\
Data File : VU032209.D
Acq On : 21 May 2019 19:18
Operator : JC/SP
Sample : K2975-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFHG2

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_U\METHOD\SOMULM052119WMA.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	1.180	24	28	33	rVB2	9837	8765	0.30%	0.038%
2	1.396	88	95	105	rBV	414612	422302	14.37%	1.852%
3	1.669	172	180	199	rVB	311293	402639	13.70%	1.766%
4	1.881	241	246	252	rVB6	7083	7791	0.27%	0.034%
5	2.267	355	366	378	rBV	693686	1055731	35.93%	4.629%
6	2.457	416	425	427	rBV2	1320	1816	0.06%	0.008%
7	2.621	472	476	478	rBV2	794	638	0.02%	0.003%
8	2.698	495	500	503	rBV4	1101	1029	0.04%	0.005%
9	2.833	531	542	553	rVB3	4048	7672	0.26%	0.034%
10	2.900	561	563	567	rVB2	908	571	0.02%	0.003%
11	3.074	613	617	620	rBV2	764	550	0.02%	0.002%
12	3.322	691	694	698	rVB3	759	541	0.02%	0.002%
13	3.534	755	760	763	rBV	716	666	0.02%	0.003%
14	3.617	783	786	792	rVB2	632	544	0.02%	0.002%
15	4.170	945	958	990	rBV	215772	581874	19.81%	2.551%
16	4.373	1010	1021	1056	rVB3	266195	633191	21.55%	2.776%
17	4.640	1086	1104	1127	rBV	488599	1151725	39.20%	5.050%
18	4.884	1175	1180	1182	rBV4	1442	1317	0.04%	0.006%
19	4.971	1204	1207	1208	rBV2	859	600	0.02%	0.003%
20	5.051	1227	1232	1239	rVB4	784	938	0.03%	0.004%
21	5.122	1249	1254	1256	rBV4	975	704	0.02%	0.003%
22	5.219	1280	1284	1288	rVB3	853	702	0.02%	0.003%
23	5.334	1297	1320	1354	rBV2	1002334	2938011	100.00%	12.883%
24	5.582	1395	1397	1401	rVB4	1016	737	0.03%	0.003%
25	5.604	1401	1404	1408	rBV4	743	534	0.02%	0.002%
26	5.646	1414	1417	1419	rVV2	885	545	0.02%	0.002%
27	5.675	1422	1426	1429	rVB3	703	558	0.02%	0.002%
28	5.704	1433	1435	1439	rBV3	831	526	0.02%	0.002%
29	5.743	1443	1447	1449	rBV4	727	570	0.02%	0.002%
30	5.804	1463	1466	1467	rBV	1208	527	0.02%	0.002%
31	5.881	1476	1490	1533	rBV	873595	1788502	60.87%	7.842%
32	6.177	1570	1582	1596	rBV5	16909	35872	1.22%	0.157%
33	6.325	1614	1628	1663	rBV	608465	1225326	41.71%	5.373%
34	6.444	1663	1665	1668	rBV4	1506	998	0.03%	0.004%

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ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFHG2

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_U\METHOD\SOMULM052119WMA.M
Title : VOC Analysis

35	6.585	1706	1709	1714	rVB3	928	765	0.03%	0.003%
36	6.611	1714	1717	1721	rBV3	632	523	0.02%	0.002%
37	6.682	1735	1739	1742	rVB2	935	659	0.02%	0.003%
38	6.720	1745	1751	1753	rBV2	556	584	0.02%	0.003%
39	6.768	1763	1766	1771	rBV3	1085	1231	0.04%	0.005%
40	6.817	1778	1781	1786	rVB3	1105	975	0.03%	0.004%
41	6.871	1792	1798	1804	rBV6	1562	2409	0.08%	0.011%
42	6.997	1834	1837	1842	rVB3	1160	940	0.03%	0.004%
43	7.170	1889	1891	1895	rVB2	784	512	0.02%	0.002%
44	7.225	1895	1908	1929	rBV	325547	597045	20.32%	2.618%
45	7.408	1959	1965	1968	rBV5	1337	1749	0.06%	0.008%
46	7.476	1984	1986	1991	rVB4	1732	1060	0.04%	0.005%
47	7.559	1998	2012	2043	rBV	1354472	2437938	82.98%	10.690%
48	7.784	2081	2082	2087	rVB2	1303	598	0.02%	0.003%
49	7.846	2087	2101	2126	rBV	229934	404708	13.77%	1.775%
50	8.145	2191	2194	2197	rBV3	711	588	0.02%	0.003%
51	8.167	2197	2201	2203	rBV3	930	633	0.02%	0.003%
52	8.186	2205	2207	2213	rVB3	1402	986	0.03%	0.004%
53	8.225	2215	2219	2222	rBV5	1117	831	0.03%	0.004%
54	8.305	2233	2244	2282	rBV	678362	1310158	44.59%	5.745%
55	8.476	2290	2297	2311	rVB6	9908	19915	0.68%	0.087%
56	8.617	2339	2341	2345	rVB3	1455	1008	0.03%	0.004%
57	8.665	2353	2356	2361	rVB3	1494	1252	0.04%	0.005%
58	8.694	2361	2365	2369	rBV4	997	1081	0.04%	0.005%
59	8.717	2370	2372	2376	rVB2	887	594	0.02%	0.003%
60	8.762	2382	2386	2389	rBV2	777	586	0.02%	0.003%
61	9.087	2473	2487	2514	rBV	1300709	2205298	75.06%	9.670%
62	9.386	2573	2580	2588	rVV5	894	1438	0.05%	0.006%
63	9.444	2593	2598	2601	rBV3	947	951	0.03%	0.004%
64	9.460	2601	2603	2611	rVB4	973	1148	0.04%	0.005%
65	9.633	2651	2657	2659	rVB4	681	658	0.02%	0.003%
66	9.733	2683	2688	2690	rBV2	620	509	0.02%	0.002%
67	9.771	2694	2700	2701	rBV	509	504	0.02%	0.002%
68	9.826	2713	2717	2719	rBV3	747	577	0.02%	0.003%
69	10.029	2773	2780	2783	rBV6	830	872	0.03%	0.004%
70	10.350	2878	2880	2886	rVB3	700	592	0.02%	0.003%
71	10.427	2890	2904	2930	rBV	930810	1500573	51.07%	6.580%

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFHG2

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_U\METHOD\SOMULM052119WMA.M
Title : VOC Analysis

72	10.630	2964	2967	2971	rVB4	1075	831	0.03%	0.004%
73	10.778	3009	3013	3016	rVB2	860	639	0.02%	0.003%
74	11.090	3107	3110	3114	rVB3	1257	824	0.03%	0.004%
75	11.132	3120	3123	3124	rBV2	1151	509	0.02%	0.002%
76	11.273	3163	3167	3168	rBV	942	701	0.02%	0.003%
77	11.479	3218	3231	3257	rBV	1158029	1886171	64.20%	8.271%
78	11.759	3314	3318	3319	rBV4	1778	1260	0.04%	0.006%
79	11.855	3335	3348	3375	rBV	1291940	2120275	72.17%	9.297%
80	12.321	3490	3493	3496	rBV4	830	534	0.02%	0.002%
81	12.360	3501	3505	3508	rBV4	961	882	0.03%	0.004%
82	12.424	3522	3525	3530	rBV5	1077	917	0.03%	0.004%
83	12.810	3642	3645	3650	rVB5	1453	1201	0.04%	0.005%
84	12.842	3650	3655	3656	rBV3	655	581	0.02%	0.003%
85	12.919	3676	3679	3682	rBV4	1158	879	0.03%	0.004%
86	12.977	3693	3697	3703	rBV3	1313	1403	0.05%	0.006%
87	13.009	3704	3707	3710	rBV3	1107	604	0.02%	0.003%
88	13.067	3723	3725	3729	rVB3	819	609	0.02%	0.003%
89	13.093	3729	3733	3737	rBV4	835	921	0.03%	0.004%
90	13.437	3836	3840	3844	rBV4	1161	937	0.03%	0.004%
91	13.916	3985	3989	3993	rBV4	1055	1013	0.03%	0.004%
92	14.427	4145	4148	4150	rBV	1000	591	0.02%	0.003%
93	14.659	4218	4220	4223	rBV	897	554	0.02%	0.002%
94	14.710	4232	4236	4240	rBV4	1302	1194	0.04%	0.005%
95	14.791	4257	4261	4262	rBV	746	524	0.02%	0.002%
96	14.983	4318	4321	4323	rBV3	1094	775	0.03%	0.003%
97	15.064	4343	4346	4348	rBV2	1069	673	0.02%	0.003%
98	15.157	4373	4375	4381	rVB4	987	695	0.02%	0.003%
99	15.199	4386	4388	4392	rBV3	850	782	0.03%	0.003%
100	15.241	4398	4401	4402	rBV3	1087	654	0.02%	0.003%

Sum of corrected areas: 22805593

LSC Report - Integrated Chromatogram

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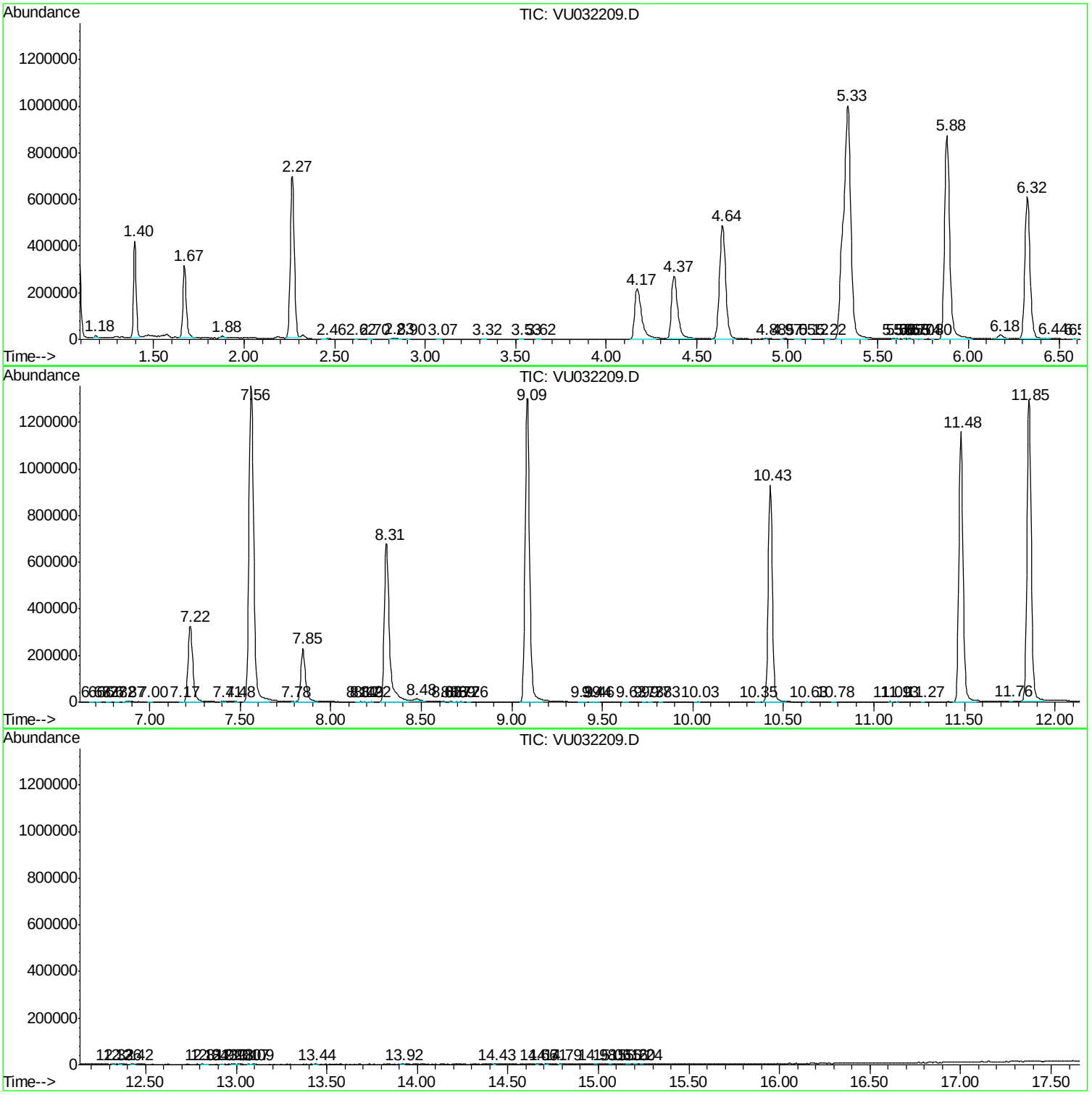
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFHG2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052119WMA.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 U\DATA\VU052119\
Data File : VU032209.D
Acq On : 21 May 2019 19:18
Operator : JC/SP
Sample : K2975-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFHG2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052119WMA.M
Quant Title : VOC Analysis

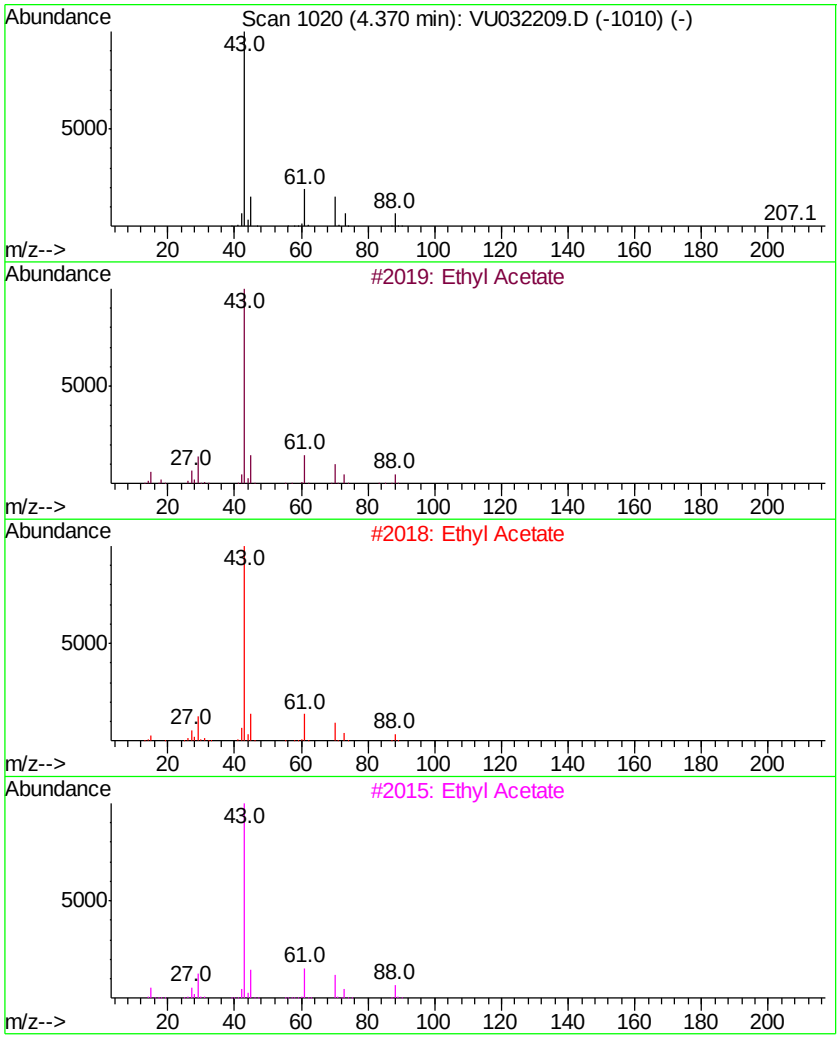
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

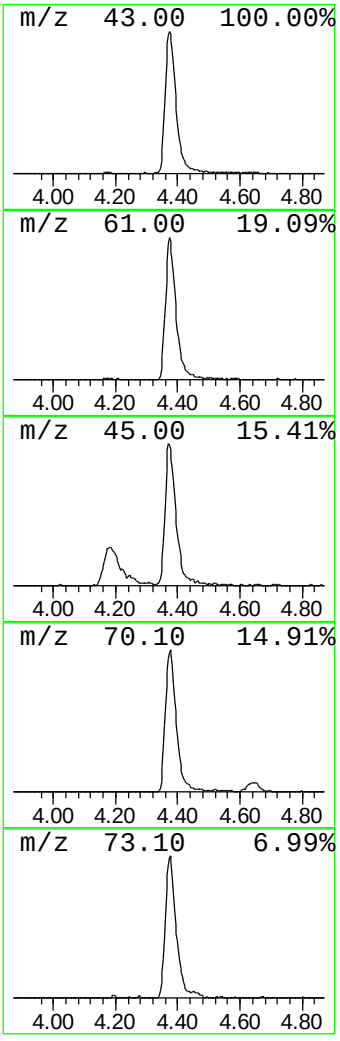
****

Peak Number 1 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	17.70 ug/L	633191	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Acetate	88	C4H8O2	000141-78-6	90
2	Ethyl Acetate	88	C4H8O2	000141-78-6	90
3	Ethyl Acetate	88	C4H8O2	000141-78-6	90
4	Ethyl Acetate	88	C4H8O2	000141-78-6	83
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	40





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
Ethyl Acetate	4.37	17.7	ug/L	633191	1	5.88	1788500	50.0