LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052119\
Data File : VU032206.D
Acq On : 21 May 2019 18:07
Operator : JC/SP
Sample : K2862-07
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFHK8

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	25	28	34	rVB2	10091	8401	0.29%	0.038%
2	1.396	88	95	104	rBV	405250	411112	14.26%	1.859%
3	1.672	173	181	197	rVB	307833	399853	13.87%	1.808%
4	2.187	334	341	348	rBV6	6647	9960	0.35%	0.045%
5	2.267	354	366	379	rBV	692527	1052284	36.49%	4.758%
6	2.425	414	415	418	rBV2	738	449	0.02%	0.002%
7	2.470	427	429	438	rVB5	1956	2011	0.07%	0.009%
8	2.553	449	455	457	rBV3	849	766	0.03%	0.003%
9	2.701	494	501	504	rBV3	1353	1272	0.04%	0.006%
10	2.830	534	541	552	rVV8	5138	10735	0.37%	0.049%
11	2.968	581	584	587	rVB	893	662	0.02%	0.003%
12	3.296	682	686	688	rBV2	754	523	0.02%	0.002%
13	3.331	692	697	700	rVB4	649	581	0.02%	0.003%
14	3.386	708	714	720	rVB4	1201	1141	0.04%	0.005%
15	3.450	729	734	737	rBV2	830	773	0.03%	0.003%
16	3.679	800	805	808	rVV2	612	556	0.02%	0.003%
17	3.804	841	844	850	rVB3	431	438	0.02%	0.002%
18	3.942	884	887	890	rVV2	578	453	0.02%	0.002%
19	3.990	898	902	905	rBV4	765	474	0.02%	0.002%
20	4.106	934	938	942	rVB3	799	597	0.02%	0.003%
21	4.170	942	958	990	rBV	217331	586277	20.33%	2.651%
22	4.383	1013	1024	1050	rVB2	36193	91647	3.18%	0.414%
23	4.640	1084	1104	1132	rBV	484837	1152942	39.99%	5.214%
24	4.785	1146	1149	1154	rVB4	988	824	0.03%	0.004%
25	4.859	1170	1172	1174	rBV3	763	471	0.02%	0.002%
26	4.978	1204	1209	1214	rBV4	1077	1345	0.05%	0.006%
27	5.071	1235	1238	1242	rVB3	807	581	0.02%	0.003%
28	5.167	1266	1268	1272	rVB3	1011	592	0.02%	0.003%
29	5.235	1286	1289	1293	rVB3	589	438	0.02%	0.002%
30	5.334	1293	1320	1345	rBV2	977283	2883385	100.00%	13.039%
31	5.656	1417	1420	1423	rBV5	799	664	0.02%	0.003%
32	5.881	1475	1490	1515	rBV	855928	1724190	59.80%	7.797%
33	6.177	1571	1582	1597	rBV5	15829	33981	1.18%	0.154%
34	6.325	1614	1628	1659	rBV2	607954	1227621	42.58%	5.551%

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Sample : K2862-07
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFHK8

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	6.569	1699	1704	1705	rBV2	763	560	0.02%	0.003%
36	6.582	1705	1708	1712	rVB5	1133	869	0.03%	0.004%
37	6.662	1731	1733	1736	rBV3	836	492	0.02%	0.002%
38	6.878	1795	1800	1805	rBV6	1410	1646	0.06%	0.007%
39	6.971	1827	1829	1835	rVB2	836	671	0.02%	0.003%
40	7.225	1895	1908	1941	rBV	327699	596646	20.69%	2.698%
41	7.405	1961	1964	1965	rBV2	809	436	0.02%	0.002%
42	7.559	1997	2012	2035	rBV	1345452	2420634	83.95%	10.946%
43	7.846	2090	2101	2130	rBV	220408	386185	13.39%	1.746%
44	8.013	2150	2153	2157	rVB4	1025	632	0.02%	0.003%
45	8.129	2185	2189	2191	rBV2	977	711	0.02%	0.003%
46	8.167	2197	2201	2202	rBV	795	513	0.02%	0.002%
47	8.309	2234	2245	2286	rBV	669615	1294312	44.89%	5.853%
48	8.469	2288	2295	2308	rVB5	20316	38183	1.32%	0.173%
49	8.646	2348	2350	2354	rVB2	1389	746	0.03%	0.003%
50	8.678	2354	2360	2363	rBV5	1510	1285	0.04%	0.006%
51	8.701	2364	2367	2374	rVB6	1102	1259	0.04%	0.006%
52	8.743	2374	2380	2383	rBV5	899	945	0.03%	0.004%
53	8.768	2387	2388	2396	rVB3	1261	1281	0.04%	0.006%
54	8.820	2398	2404	2405	rBV3	913	774	0.03%	0.004%
55	8.871	2418	2420	2425	rVB3	926	616	0.02%	0.003%
56	8.990	2452	2457	2460	rBV3	1281	1085	0.04%	0.005%
57	9.019	2464	2466	2472	rVB2	541	441	0.02%	0.002%
58	9.083	2473	2486	2510	rBV	1277724	2193580	76.08%	9.919%
59	9.379	2574	2578	2580	rBV2	869	673	0.02%	0.003%
60	9.498	2612	2615	2618	rVB2	675	451	0.02%	0.002%
61	9.521	2618	2622	2625	rBV2	659	548	0.02%	0.002%
62	9.707	2677	2680	2683	rBV4	789	645	0.02%	0.003%
63	9.852	2722	2725	2730	rVB	817	495	0.02%	0.002%
64	9.929	2746	2749	2751	rBV3	625	448	0.02%	0.002%
65	9.952	2753	2756	2760	rBV4	1167	888	0.03%	0.004%
66	10.035	2775	2782	2783	rBV4	1297	1356	0.05%	0.006%
67	10.109	2802	2805	2810	rVB3	652	530	0.02%	0.002%
68	10.427	2890	2904	2933	rBV	921342	1497822	51.95%	6.773%
69	10.595	2952	2956	2958	rBV4	1566	1165	0.04%	0.005%
70	10.675	2977	2981	2983	rBV2	653	495	0.02%	0.002%
71	10.765	3005	3009	3010	rBV2	701	441	0.02%	0.002%

LSC Area Percent Report

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Sample : K2862-07
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFHK8

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	11.067	3097	3103	3104	rBV3	1123	840	0.03%	0.004%
73	11.083	3104	3108	3111	rBV4	918	874	0.03%	0.004%
74	11.305	3174	3177	3180	rBV2	637	476	0.02%	0.002%
75	11.392	3199	3204	3207	rBV4	750	655	0.02%	0.003%
76	11.479	3219	3231	3260	rBV	1168427	1898487	65.84%	8.585%
77	11.765	3313	3320	3326	rVV9	4174	6907	0.24%	0.031%
78	11.855	3336	3348	3370	rBV	1290605	2129328	73.85%	9.629%
79	12.231	3463	3465	3467	rBV4	926	453	0.02%	0.002%
80	12.318	3489	3492	3496	rBV4	1044	775	0.03%	0.004%
81	12.363	3502	3506	3509	rBV4	2663	2018	0.07%	0.009%
82	12.450	3530	3533	3534	rBV3	879	452	0.02%	0.002%
83	12.582	3572	3574	3579	rBV2	1341	1010	0.04%	0.005%
84	12.620	3583	3586	3590	rVB3	755	518	0.02%	0.002%
85	12.717	3614	3616	3618	rBV	736	445	0.02%	0.002%
86	12.849	3655	3657	3660	rBV4	842	540	0.02%	0.002%
87	12.913	3672	3677	3679	rBV2	1131	1097	0.04%	0.005%
88	13.090	3728	3732	3735	rVB4	734	577	0.02%	0.003%
89	13.128	3742	3744	3748	rVB	911	540	0.02%	0.002%
90	13.154	3748	3752	3753	rBV3	636	450	0.02%	0.002%
91	13.241	3777	3779	3785	rVB4	844	683	0.02%	0.003%
92	13.530	3865	3869	3872	rBV	761	684	0.02%	0.003%
93	13.591	3884	3888	3894	rVB6	1107	998	0.03%	0.005%
94	13.797	3947	3952	3955	rBV4	1455	1521	0.05%	0.007%
95	13.900	3981	3984	3989	rBV5	1004	954	0.03%	0.004%
96	14.196	4071	4076	4080	rBV3	905	1051	0.04%	0.005%
97	14.418	4142	4145	4149	rBV3	835	648	0.02%	0.003%
98	14.611	4202	4205	4207	rBV2	1060	632	0.02%	0.003%
99	14.951	4308	4311	4314	rBV3	1192	740	0.03%	0.003%
100	15.295	4415	4418	4421	rBV3	1478	1358	0.05%	0.006%

Sum of corrected areas: 22114169

LSC Report - Integrated Chromatogram

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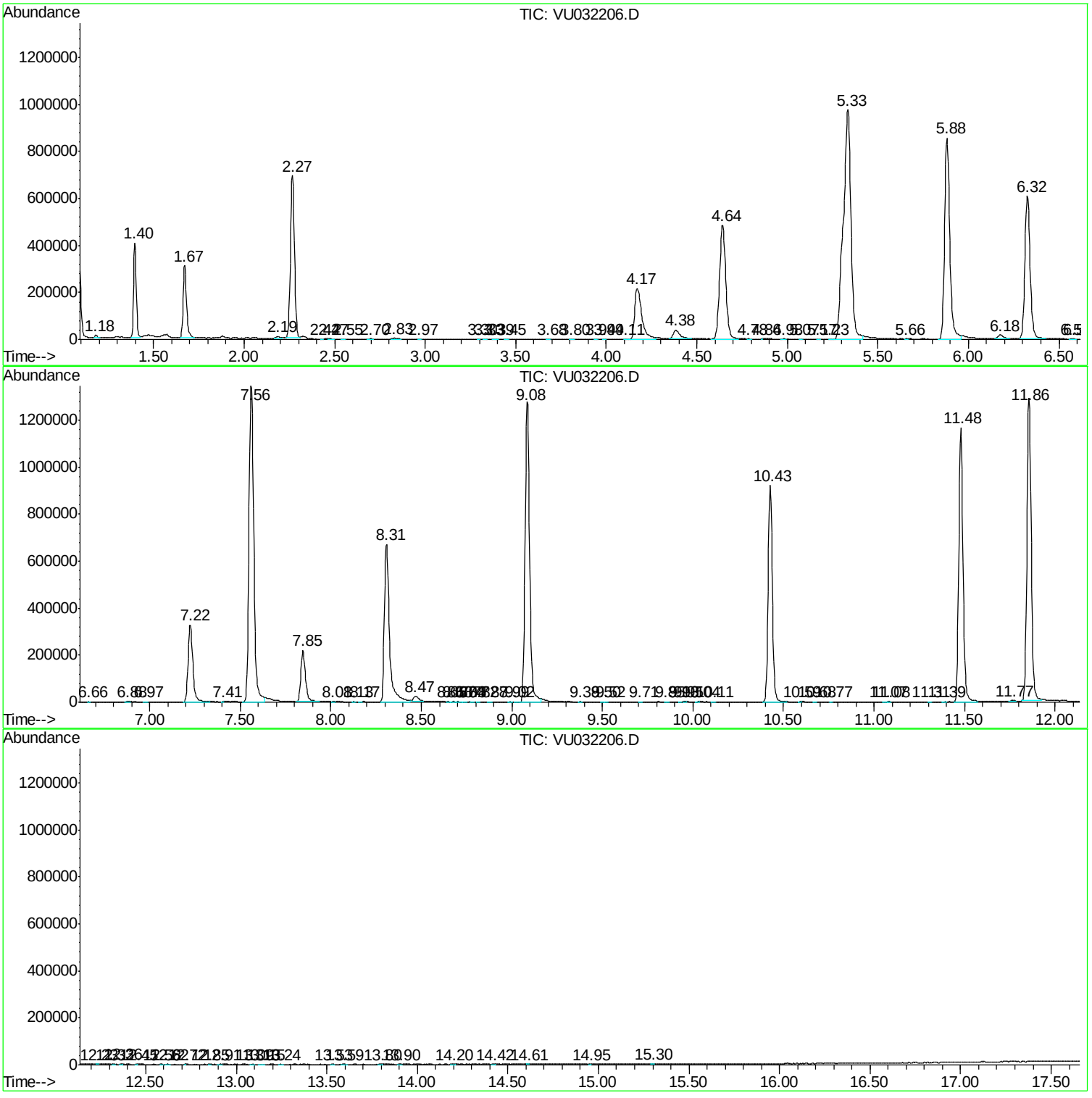
Sample : K2862-07
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFHK8

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 : VU032206.D
Acq On : 21 May 2019 18:07
Operator : JC/SP
Sample : K2862-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFHK8

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

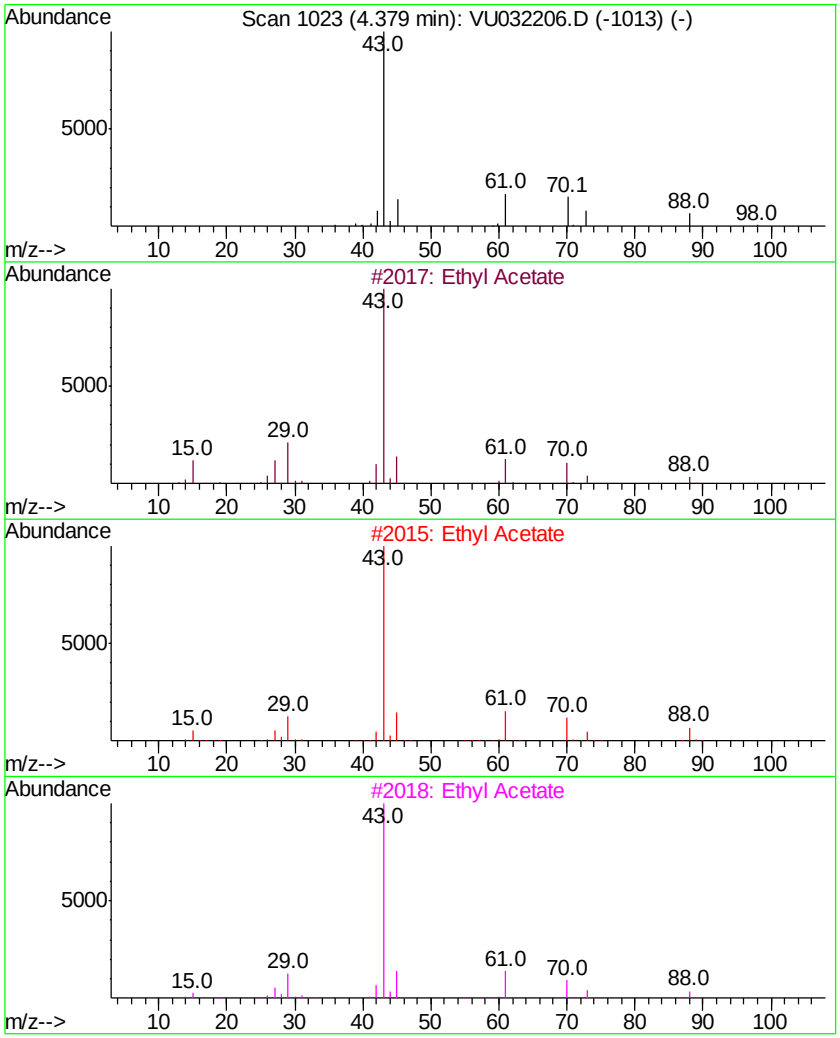
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

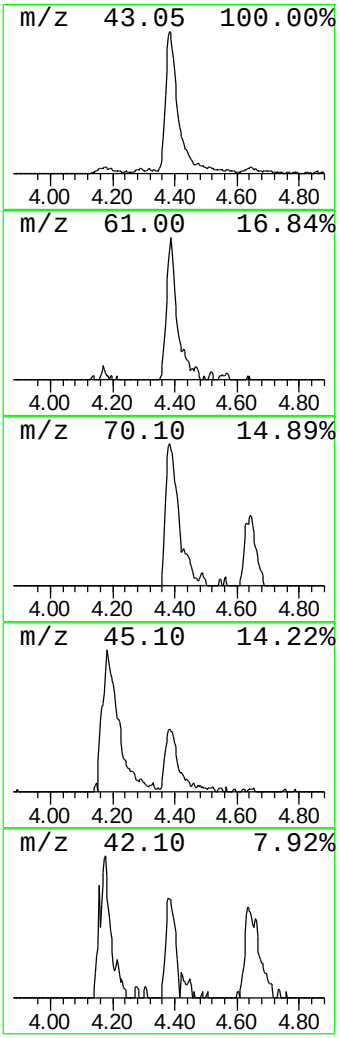
****

Peak Number 1 Ethyl Acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.38	2.66 ug/L	91647	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Acetate	88	C4H8O2	000141-78-6	86
2	Ethyl Acetate	88	C4H8O2	000141-78-6	86
3	Ethyl Acetate	88	C4H8O2	000141-78-6	86
4	Ethyl Acetate	88	C4H8O2	000141-78-6	78
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052119\
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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethyl Acetate	4.38	2.7	ug/L	91647	1	5.88	1724190	50.0