LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100219\
Data File : VU034896.D
Acq On : 01 Oct 2019 18:33
Operator : JC/SP
Sample : K5028-04
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK5

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\SOMULM100119WMA.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	1.177	22	27	34	rBV	8266	8431	0.10%	0.032%
2	1.392	86	94	110	rBV	167397	179584	2.06%	0.681%
3	1.466	110	117	127	rBV	68815	76281	0.87%	0.289%
4	1.543	134	141	156	rVB	12030	17650	0.20%	0.067%
5	1.637	165	170	173	rBV	3294	3556	0.04%	0.013%
6	1.672	173	181	198	rVB	140705	182494	2.09%	0.692%
7	1.916	254	257	261	rBV4	1625	1337	0.02%	0.005%
8	2.257	351	363	372	rBV	270109	414840	4.76%	1.573%
9	2.309	372	379	402	rVB	81184	135377	1.55%	0.513%
10	2.434	410	418	421	rBV3	2535	3237	0.04%	0.012%
11	2.460	424	426	434	rVV3	2492	2899	0.03%	0.011%
12	2.608	467	472	480	rBV2	1519	2159	0.02%	0.008%
13	2.685	481	496	527	rBV	4828703	8720192	100.00%	33.071%
14	3.167	633	646	659	rBV2	12271	27446	0.31%	0.104%
15	3.601	779	781	787	rVB4	1253	1263	0.01%	0.005%
16	3.974	889	897	900	rBV6	1153	1453	0.02%	0.006%
17	4.151	940	952	974	rVV	152494	409405	4.69%	1.553%
18	4.244	976	981	1006	rVB	17626	49226	0.56%	0.187%
19	4.537	1069	1072	1076	rVV3	1137	1030	0.01%	0.004%
20	4.620	1082	1098	1122	rBV	233705	556021	6.38%	2.109%
21	4.961	1193	1204	1205	rBV6	919	1204	0.01%	0.005%
22	4.971	1205	1207	1213	rVV6	1013	1276	0.01%	0.005%
23	5.315	1289	1314	1343	rBV2	474932	1443219	16.55%	5.473%
24	5.530	1370	1381	1404	rBV2	44672	96736	1.11%	0.367%
25	5.865	1468	1485	1502	rBV	466512	993384	11.39%	3.767%
26	6.308	1609	1623	1645	rBV	339973	679862	7.80%	2.578%
27	6.521	1682	1689	1693	rBV5	2832	4269	0.05%	0.016%
28	6.562	1694	1702	1705	rBV2	6849	10213	0.12%	0.039%
29	6.685	1727	1740	1772	rBV	965785	1763040	20.22%	6.686%
30	7.205	1890	1902	1931	rBV	187249	348363	3.99%	1.321%
31	7.402	1951	1963	1974	rBV	118916	205017	2.35%	0.778%
32	7.543	1994	2007	2027	rBV	639512	1140066	13.07%	4.324%
33	7.829	2084	2096	2119	rBV	151026	280929	3.22%	1.065%
34	8.135	2176	2191	2206	rBV	200927	335051	3.84%	1.271%

LSC Area Percent Report

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Operator : JC/SP
Sample : K5028-04
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK5

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\SOMULM100119WMA.M
Title : VOC Analysis

35	8.215	2208	2216	2217	rBV2	10185	10360	0.12%	0.039%
36	8.241	2218	2224	2230	rVV3	23101	34092	0.39%	0.129%
37	8.289	2230	2239	2262	rVV	560466	991086	11.37%	3.759%
38	8.395	2263	2272	2287	rVB	338219	529305	6.07%	2.007%
39	8.511	2301	2308	2324	rVB2	13800	26438	0.30%	0.100%
40	8.768	2383	2388	2399	rVB6	870	1418	0.02%	0.005%
41	8.884	2411	2424	2450	rBV	407534	659426	7.56%	2.501%
42	9.067	2462	2481	2515	rBV	654303	1140470	13.08%	4.325%
43	9.234	2529	2533	2537	rVB4	2124	1658	0.02%	0.006%
44	9.324	2553	2561	2564	rBV7	1249	1713	0.02%	0.006%
45	9.360	2564	2572	2585	rVV3	20774	34294	0.39%	0.130%
46	9.588	2632	2643	2666	rBV2	9165	20092	0.23%	0.076%
47	9.752	2682	2694	2714	rBV3	67118	135273	1.55%	0.513%
48	9.916	2739	2745	2747	rBV5	2856	2916	0.03%	0.011%
49	10.148	2807	2817	2832	rVB	17900	28224	0.32%	0.107%
50	10.408	2886	2898	2931	rVB	467194	750664	8.61%	2.847%
51	10.565	2938	2947	2958	rBV2	11606	19826	0.23%	0.075%
52	10.684	2973	2984	2994	rBV2	10328	17063	0.20%	0.065%
53	10.752	2998	3005	3012	rVV6	3686	5585	0.06%	0.021%
54	10.791	3013	3017	3026	rVB5	1924	2292	0.03%	0.009%
55	10.900	3042	3051	3057	rBV7	2252	4041	0.05%	0.015%
56	10.948	3057	3066	3087	rVB	32431	54795	0.63%	0.208%
57	11.125	3113	3121	3139	rVV	31475	50488	0.58%	0.191%
58	11.228	3144	3153	3157	rBV6	2487	3093	0.04%	0.012%
59	11.273	3160	3167	3169	rBV5	2459	2873	0.03%	0.011%
60	11.405	3199	3208	3213	rVV7	4388	7574	0.09%	0.029%
61	11.459	3213	3225	3244	rVV	596770	987048	11.32%	3.743%
62	11.549	3244	3253	3265	rVB	58362	95724	1.10%	0.363%
63	11.662	3284	3288	3289	rBV3	1261	1043	0.01%	0.004%
64	11.691	3293	3297	3303	rVV3	3248	4455	0.05%	0.017%
65	11.742	3303	3313	3329	rVB3	69093	120523	1.38%	0.457%
66	11.836	3330	3342	3365	rBV	612290	1064203	12.20%	4.036%
67	11.958	3372	3380	3389	rBV4	13215	21337	0.24%	0.081%
68	12.035	3397	3404	3419	rVB	6314	12830	0.15%	0.049%
69	12.125	3421	3432	3438	rBV4	9907	16526	0.19%	0.063%
70	12.231	3455	3465	3473	rBV2	28023	46159	0.53%	0.175%
71	12.334	3485	3497	3513	rBV4	26414	54058	0.62%	0.205%

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK5

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\SOMULM100119WMA.M
Title : VOC Analysis

72	12.472	3534	3540	3544	rVV6	2859	3136	0.04%	0.012%
73	12.530	3547	3558	3569	rVB5	10463	18632	0.21%	0.071%
74	12.630	3580	3589	3597	rBV	26051	38704	0.44%	0.147%
75	12.681	3597	3605	3616	rVB2	38640	60449	0.69%	0.229%
76	12.768	3628	3632	3639	rVB7	2761	2808	0.03%	0.011%
77	12.874	3659	3665	3670	rBV7	4899	6187	0.07%	0.023%
78	12.945	3679	3687	3701	rVB2	20994	32687	0.37%	0.124%
79	13.099	3723	3735	3747	rVV3	62364	107233	1.23%	0.407%
80	13.170	3747	3757	3768	rVB4	13773	25605	0.29%	0.097%
81	13.273	3778	3789	3806	rVB2	38165	69447	0.80%	0.263%
82	13.385	3814	3824	3831	rBV2	2808	4530	0.05%	0.017%
83	13.437	3833	3840	3848	rVB3	9786	15052	0.17%	0.057%
84	13.488	3848	3856	3862	rBV7	11030	16974	0.19%	0.064%
85	13.559	3872	3878	3881	rBV7	1989	2176	0.02%	0.008%
86	13.588	3882	3887	3893	rVV3	4487	5093	0.06%	0.019%
87	13.723	3915	3929	3955	rBV	251434	460069	5.28%	1.745%
88	13.932	3985	3994	4004	rBV	5783	12325	0.14%	0.047%
89	14.134	4048	4057	4065	rBV4	7581	12628	0.14%	0.048%
90	14.321	4104	4115	4126	rBV6	9553	20694	0.24%	0.078%
91	14.453	4145	4156	4170	rBV5	8351	19420	0.22%	0.074%
92	14.520	4171	4177	4186	rVB6	5239	7500	0.09%	0.028%
93	14.626	4204	4210	4211	rBV4	1226	1216	0.01%	0.005%
94	14.655	4215	4219	4227	rVB7	2305	3155	0.04%	0.012%
95	14.710	4232	4236	4241	rBV5	1740	2116	0.02%	0.008%
96	14.803	4260	4265	4272	rBV5	3081	3380	0.04%	0.013%
97	14.858	4272	4282	4305	rBV	47031	96058	1.10%	0.364%
98	15.041	4326	4339	4362	rBV	130993	232343	2.66%	0.881%
99	16.044	4643	4651	4658	rBV8	6859	11586	0.13%	0.044%
100	16.723	4854	4862	4873	rBV3	11782	21289	0.24%	0.081%

Sum of corrected areas: 26367967

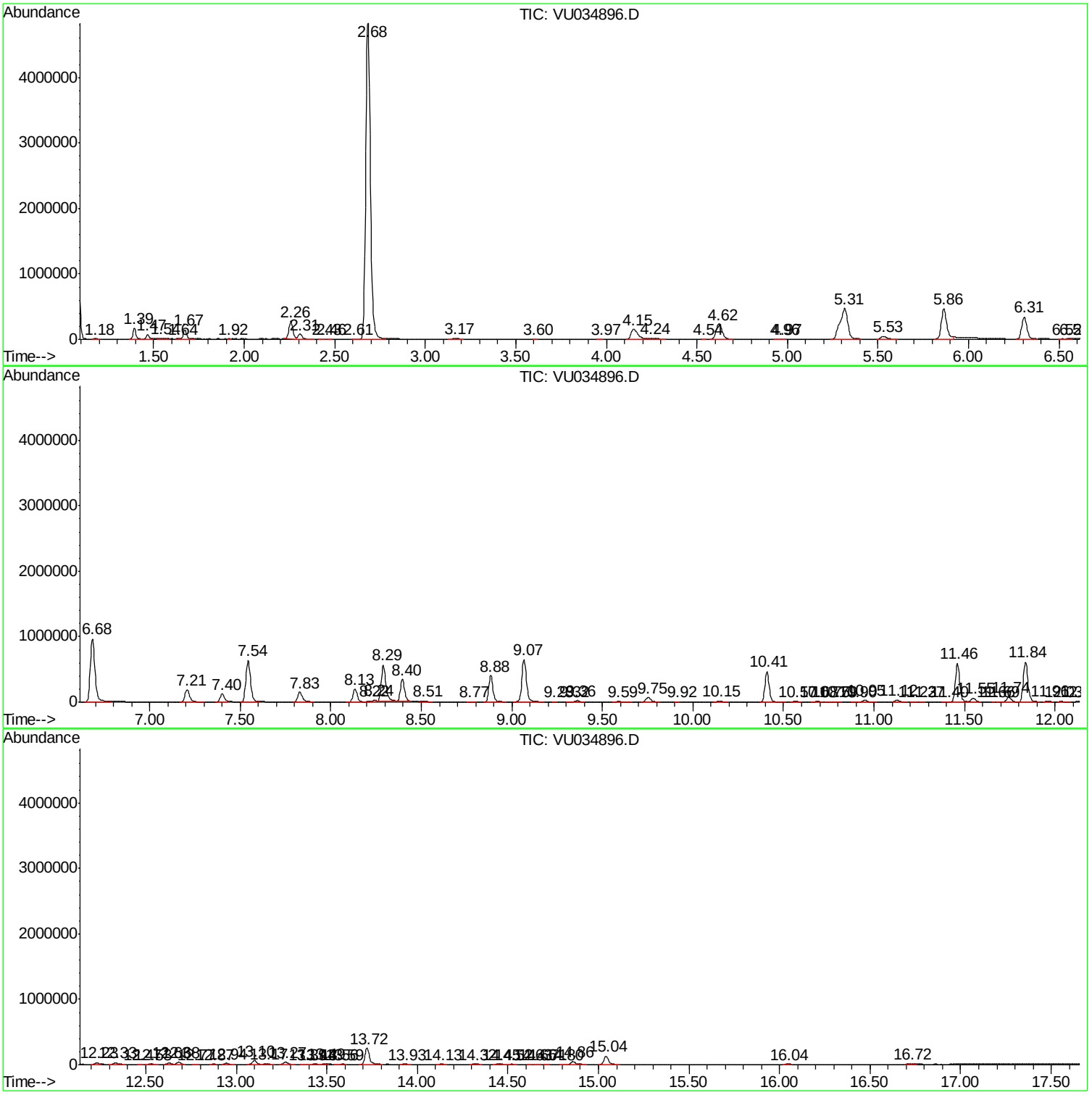
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034896.D
Acq On : 01 Oct 2019 18:33
Operator : JC/SP
Sample : K5028-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.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\VU100219\
Data File : VU034896.D
Acq On : 01 Oct 2019 18:33
Operator : JC/SP
Sample : K5028-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis

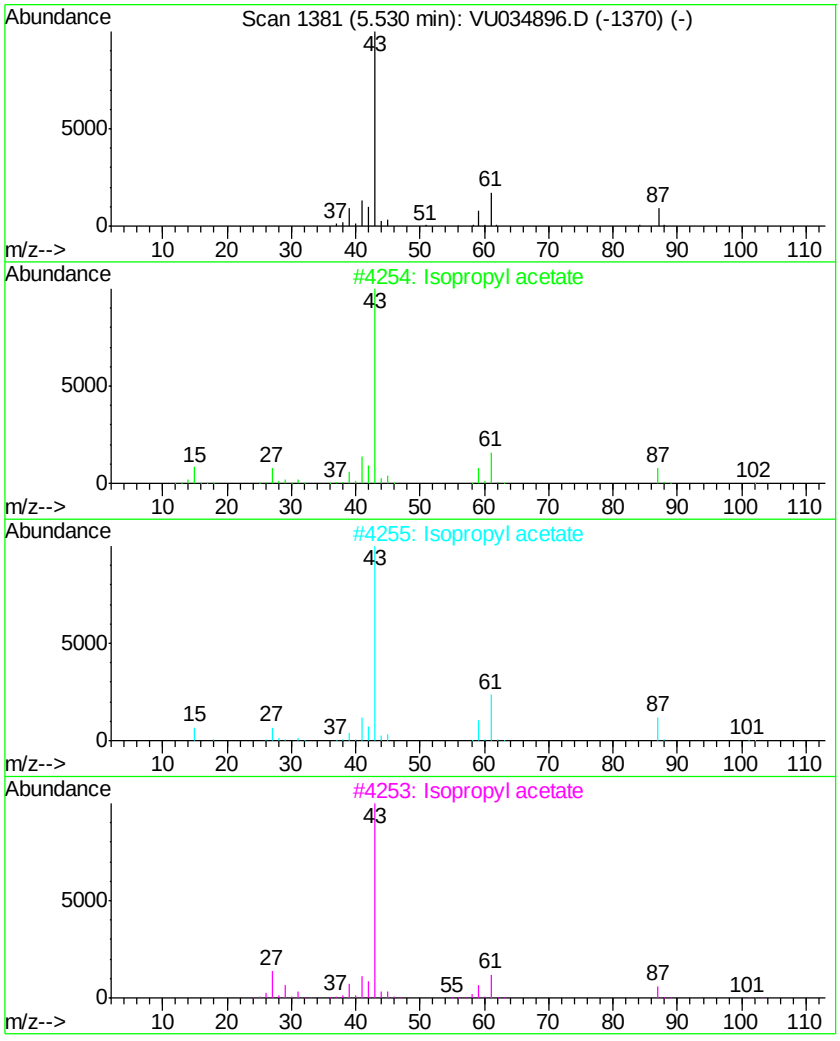
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

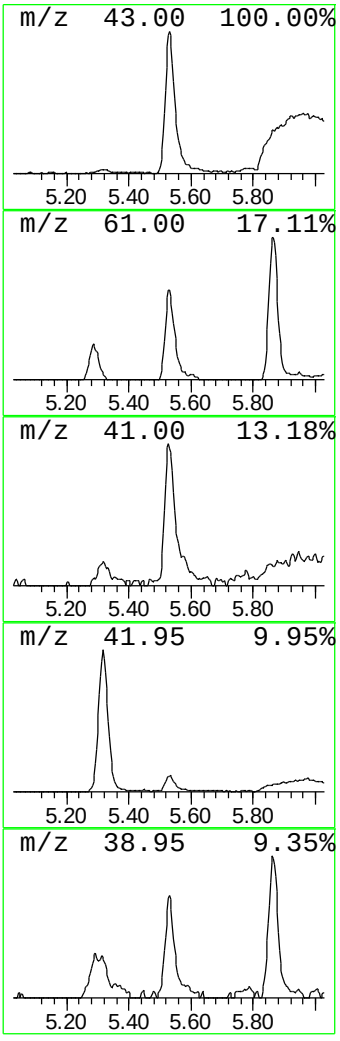
****

Peak Number 2 Isopropyl acetate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.53	4.87 ug/L	96736	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl acetate	102	C5H10O2	000108-21-4	78
2	Isopropyl acetate	102	C5H10O2	000108-21-4	78
3	Isopropyl acetate	102	C5H10O2	000108-21-4	56
4	n-Propyl acetate	102	C5H10O2	000109-60-4	9
5	Isopropyl acetate	102	C5H10O2	000108-21-4	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034896.D
Acq On : 01 Oct 2019 18:33
Operator : JC/SP
Sample : K5028-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis

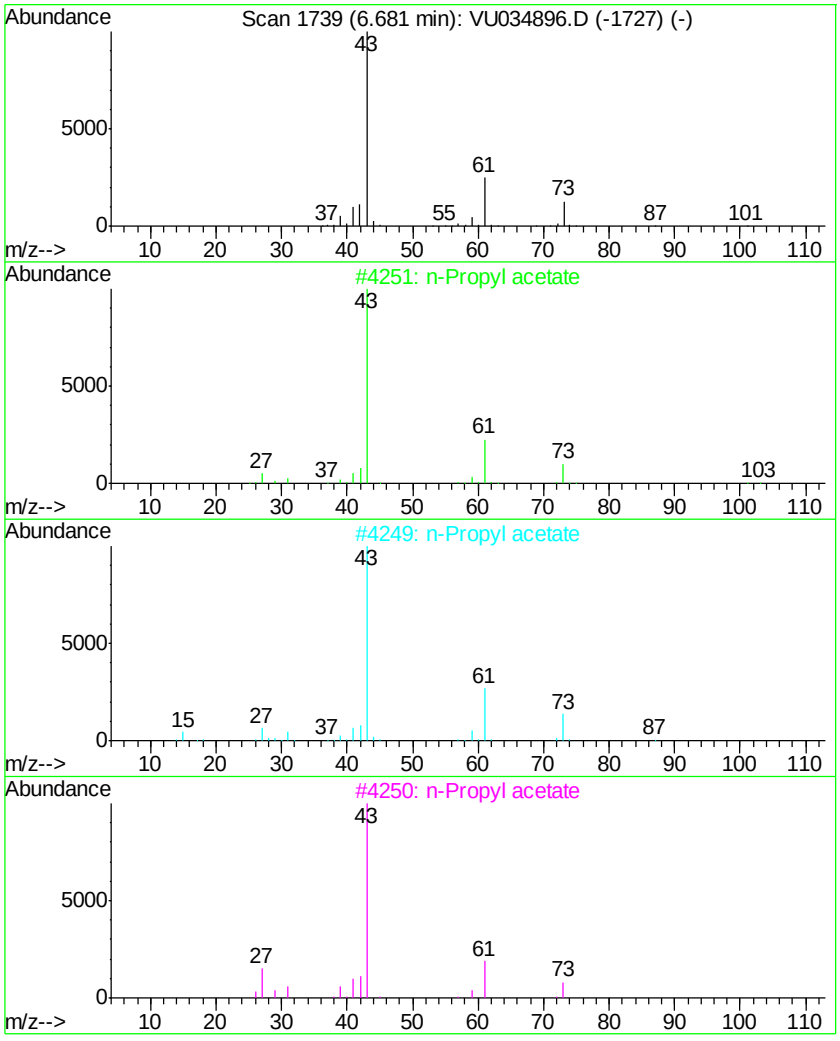
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

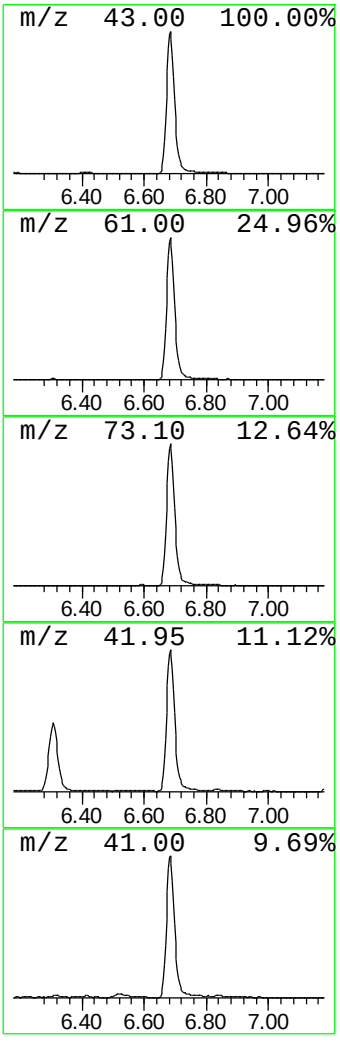
****

Peak Number 3 n-Propyl acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	88.74 ug/L	1763040	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	83
2	n-Propyl acetate	102	C5H10O2	000109-60-4	78
3	n-Propyl acetate	102	C5H10O2	000109-60-4	78
4	Isopropyl acetate	102	C5H10O2	000108-21-4	36
5	Isopropyl acetate	102	C5H10O2	000108-21-4	9





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ClientSampleId : BFDK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis

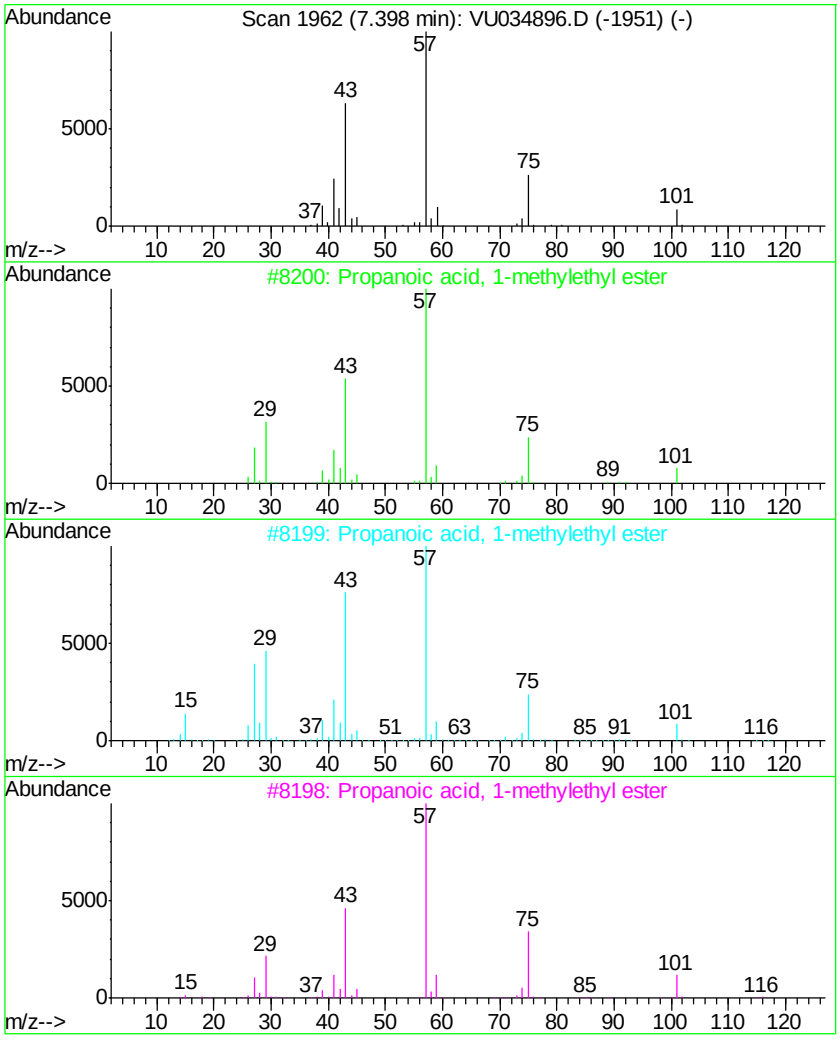
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

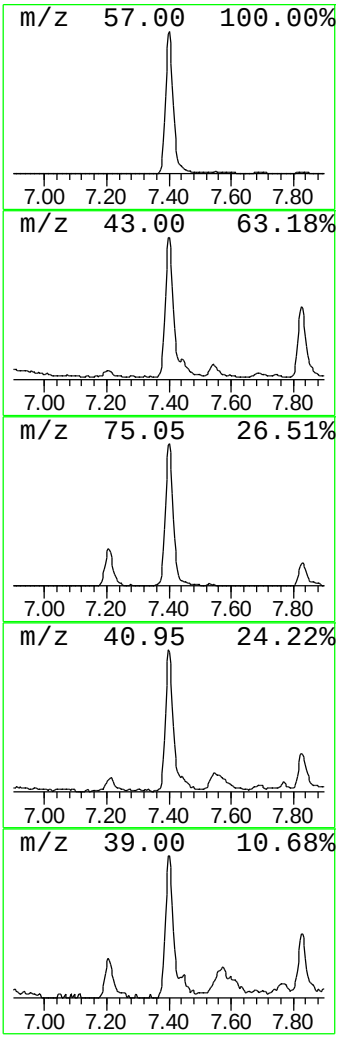
****

Peak Number 5 Propanoic acid, 1-methyleth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	10.32 ug/L	205017	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	83
2	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	83
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	72
4	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	45
5	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	39





Library Search Compound Report

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Acq On : 01 Oct 2019 18:33
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis

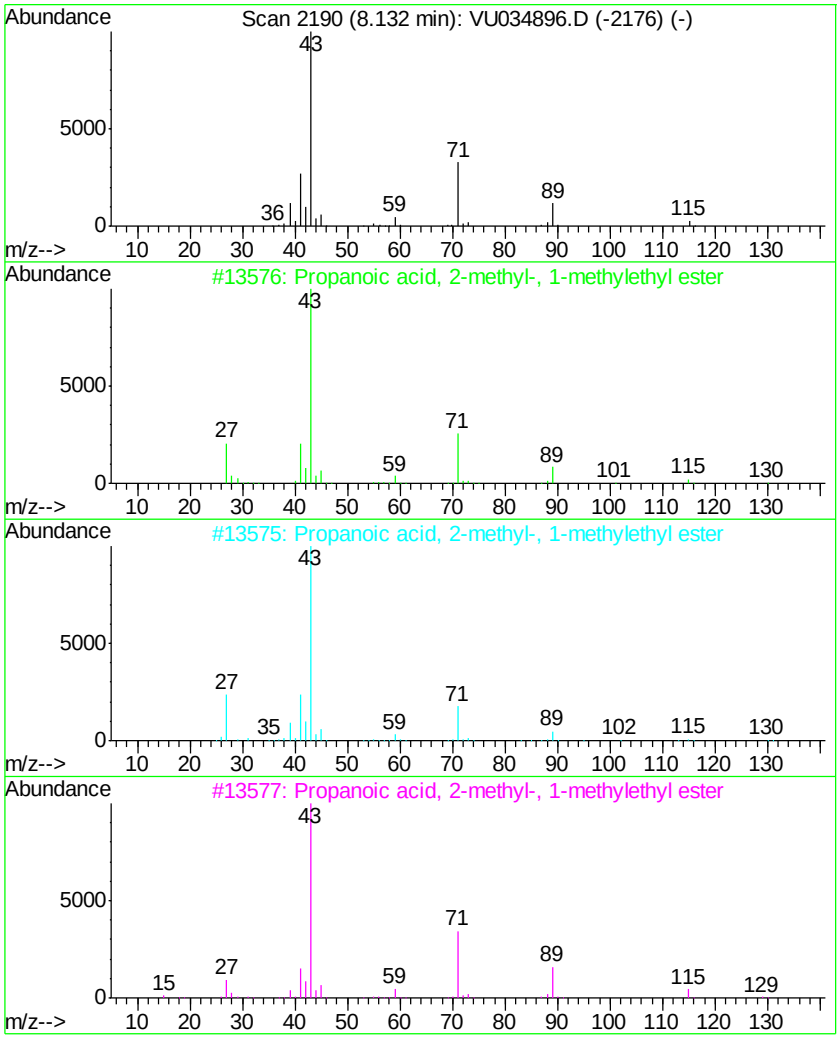
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

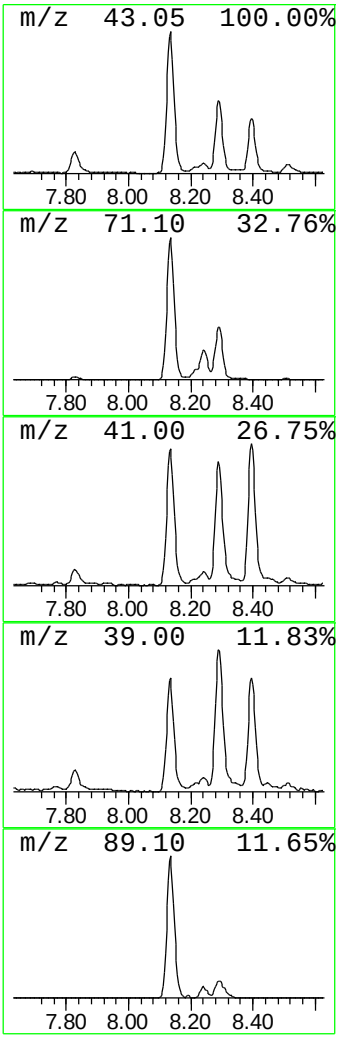
****

Peak Number 6 Propanoic acid, 2-methyl-, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	14.69 ug/L	335051	Chlorobenzene-d5	9.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	83
2	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	83
3	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	72
4	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	64
5	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	56





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Data File : VU034896.D
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Operator : JC/SP
Sample : K5028-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis

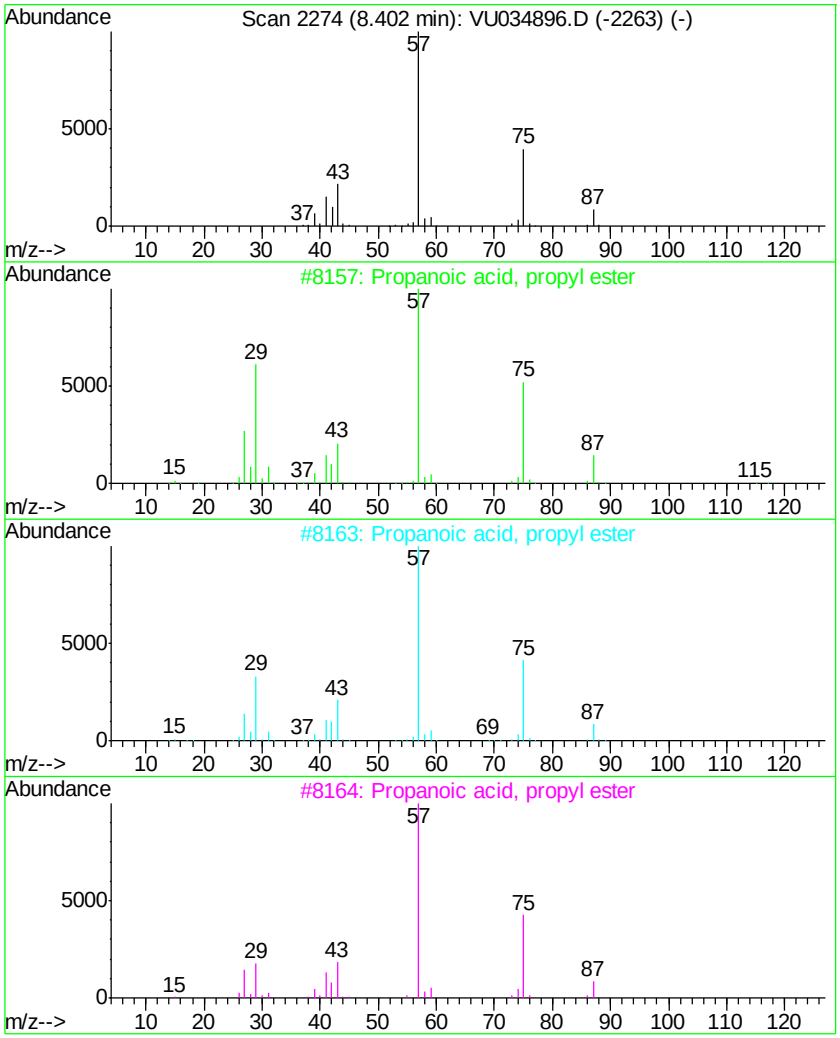
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

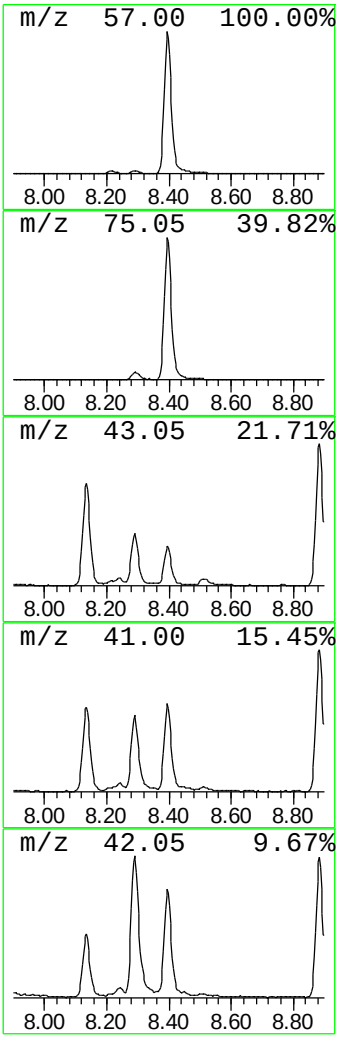
****

Peak Number 7 Propanoic acid, propyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	23.21 ug/L	529305	Chlorobenzene-d5	9.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
2	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
3	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034896.D
Acq On : 01 Oct 2019 18:33
Operator : JC/SP
Sample : K5028-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis

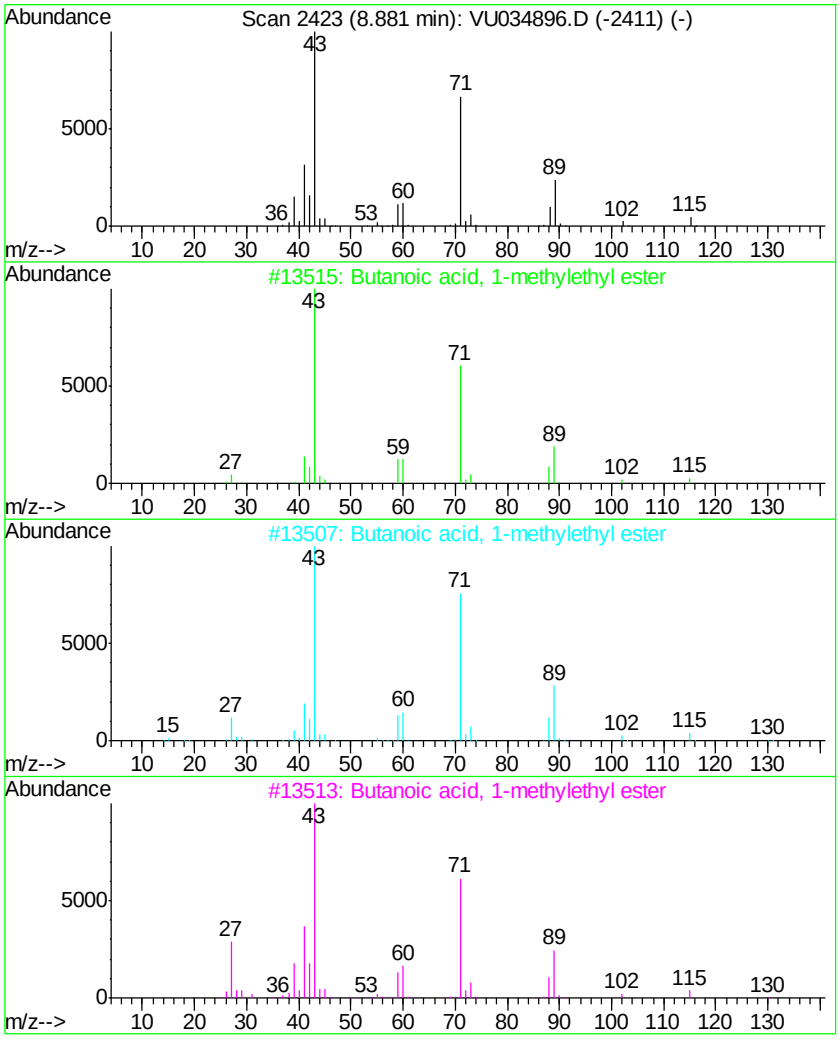
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

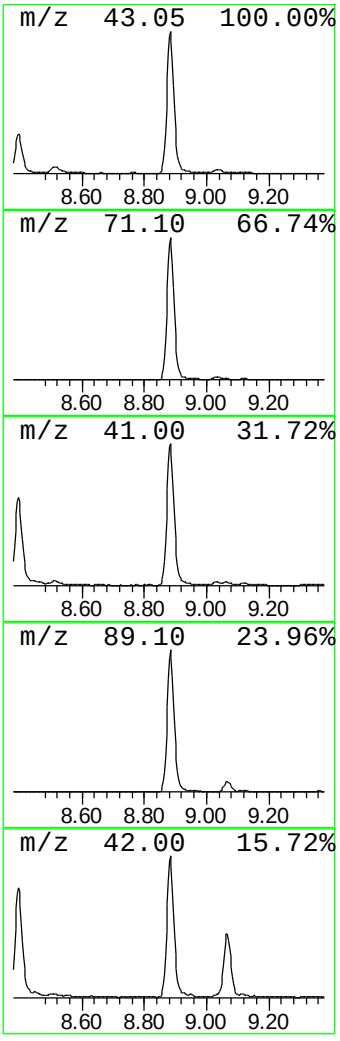
****

Peak Number 8 Butanoic acid, 1-methylethy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	28.91 ug/L	659426	Chlorobenzene-d5	9.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
2	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
3	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
4	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	86
5	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	59





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Data File : VU034896.D
Acq On : 01 Oct 2019 18:33
Operator : JC/SP
Sample : K5028-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis

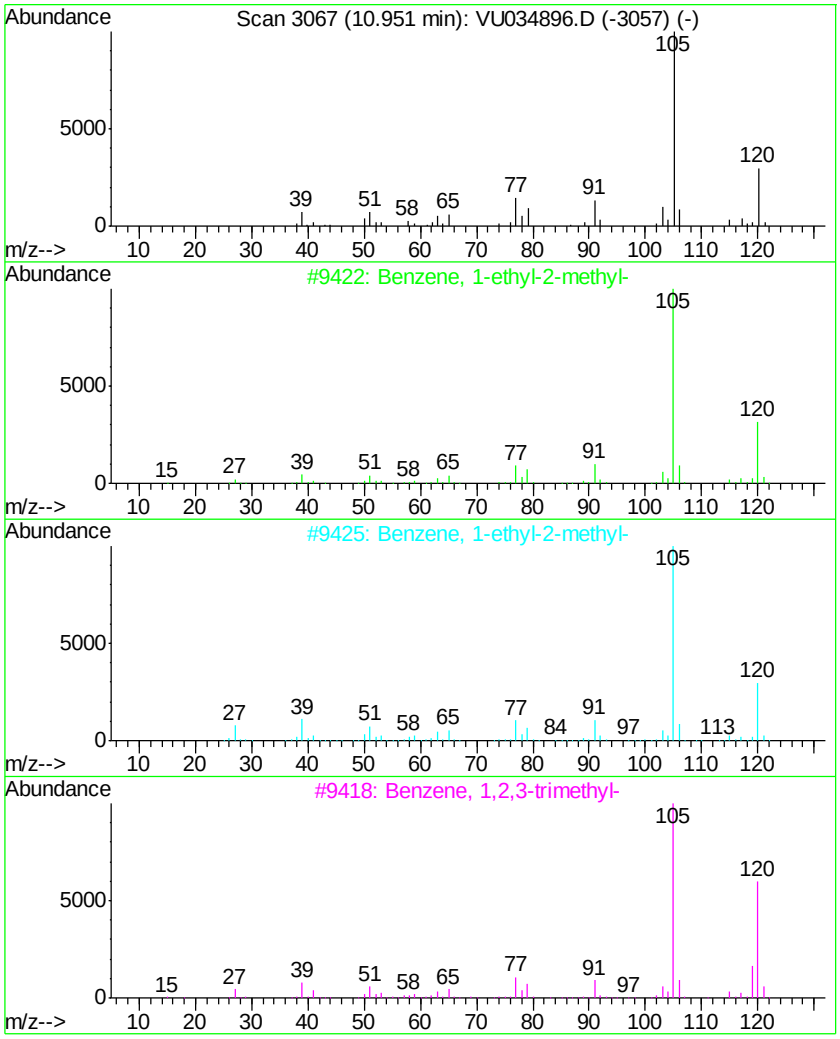
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

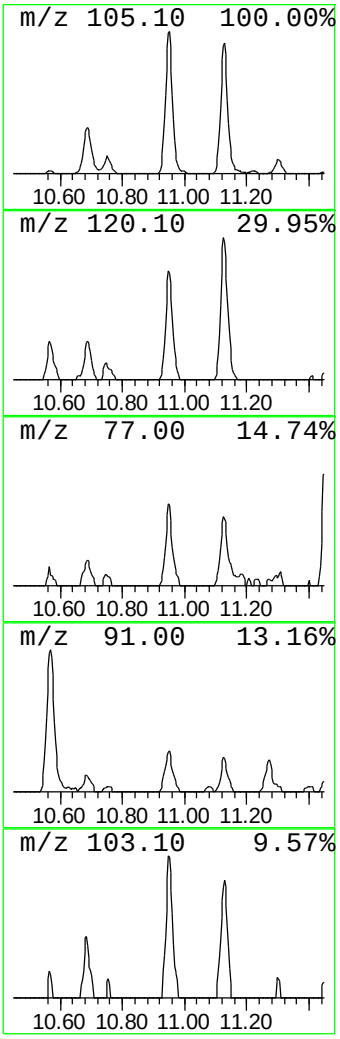
****

Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	2.78 ug/L	54795	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034896.D
Acq On : 01 Oct 2019 18:33
Operator : JC/SP
Sample : K5028-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis

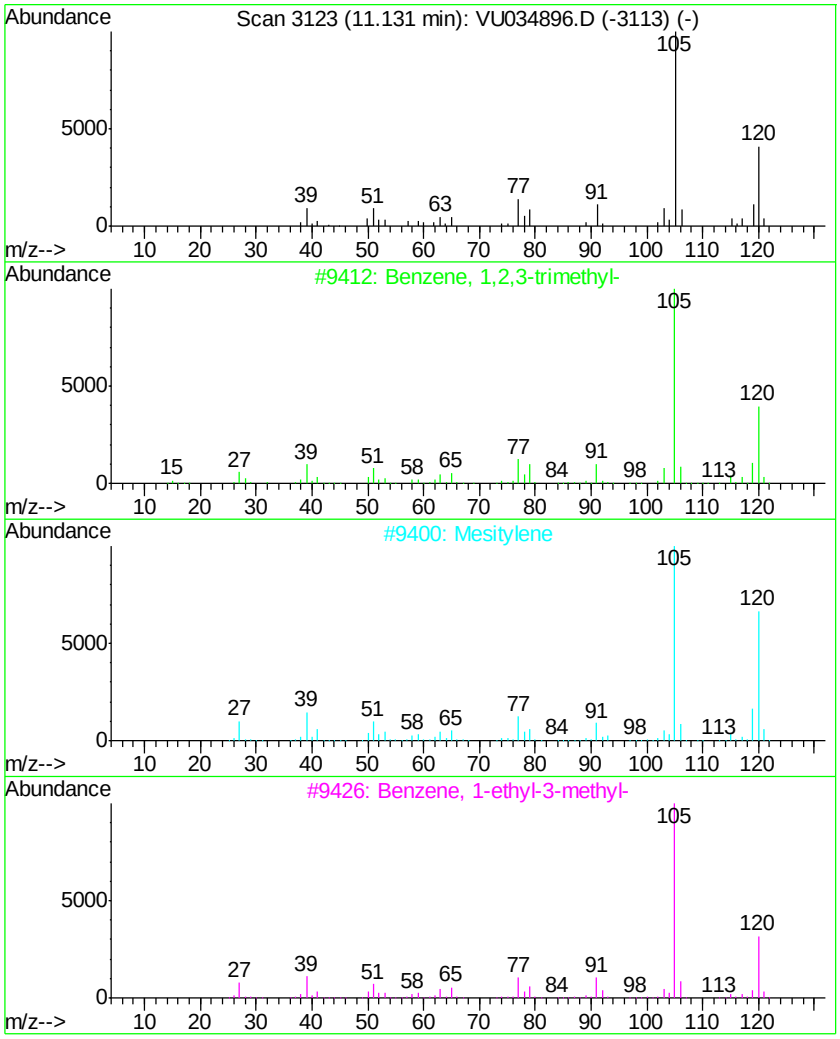
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

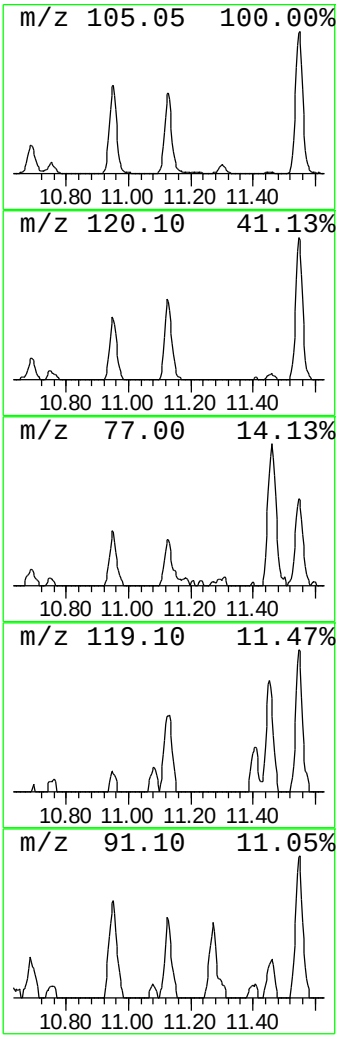
****

Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	2.56 ug/L	50488	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034896.D
Acq On : 01 Oct 2019 18:33
Operator : JC/SP
Sample : K5028-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis

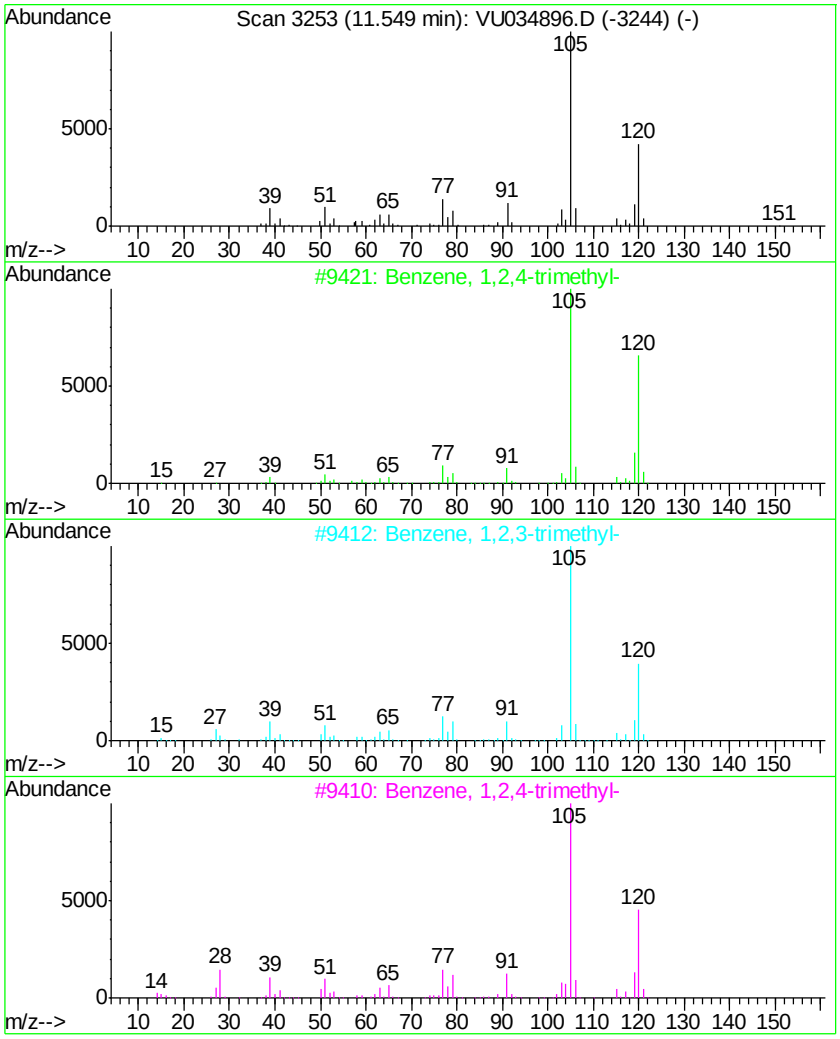
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

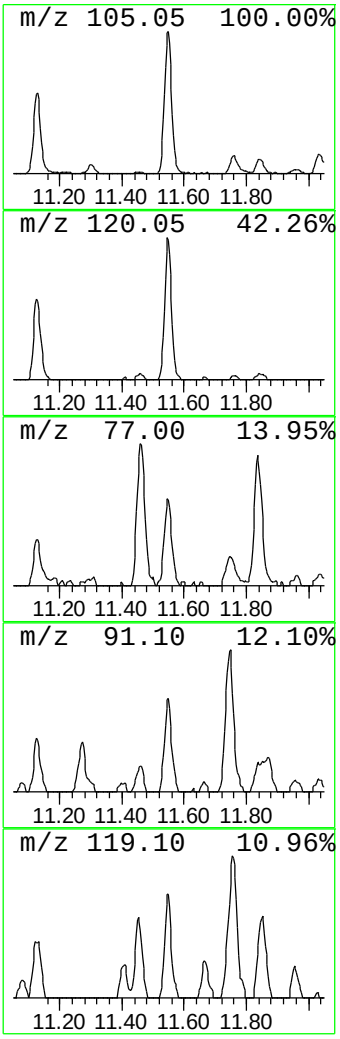
****

Peak Number 11 Benzene, 1,2,4-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	4.85 ug/L	95724	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034896.D
Acq On : 01 Oct 2019 18:33
Operator : JC/SP
Sample : K5028-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis

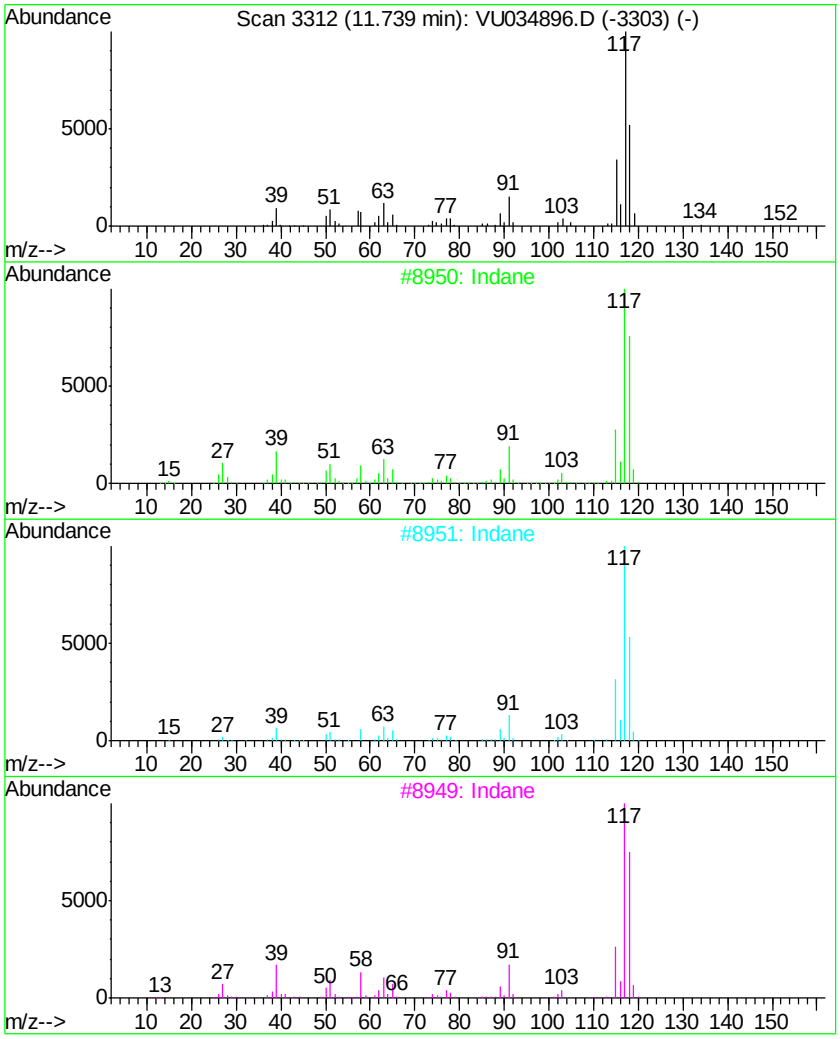
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

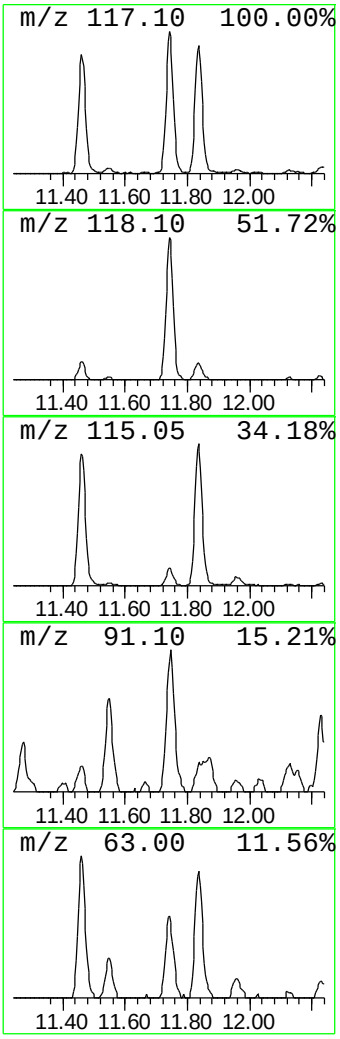
****

Peak Number 12 Indane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	6.11 ug/L	120523	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Indane	118	C9H10	000496-11-7	95
3	Indane	118	C9H10	000496-11-7	92
4	Indane	118	C9H10	000496-11-7	81
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034896.D
Acq On : 01 Oct 2019 18:33
Operator : JC/SP
Sample : K5028-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis

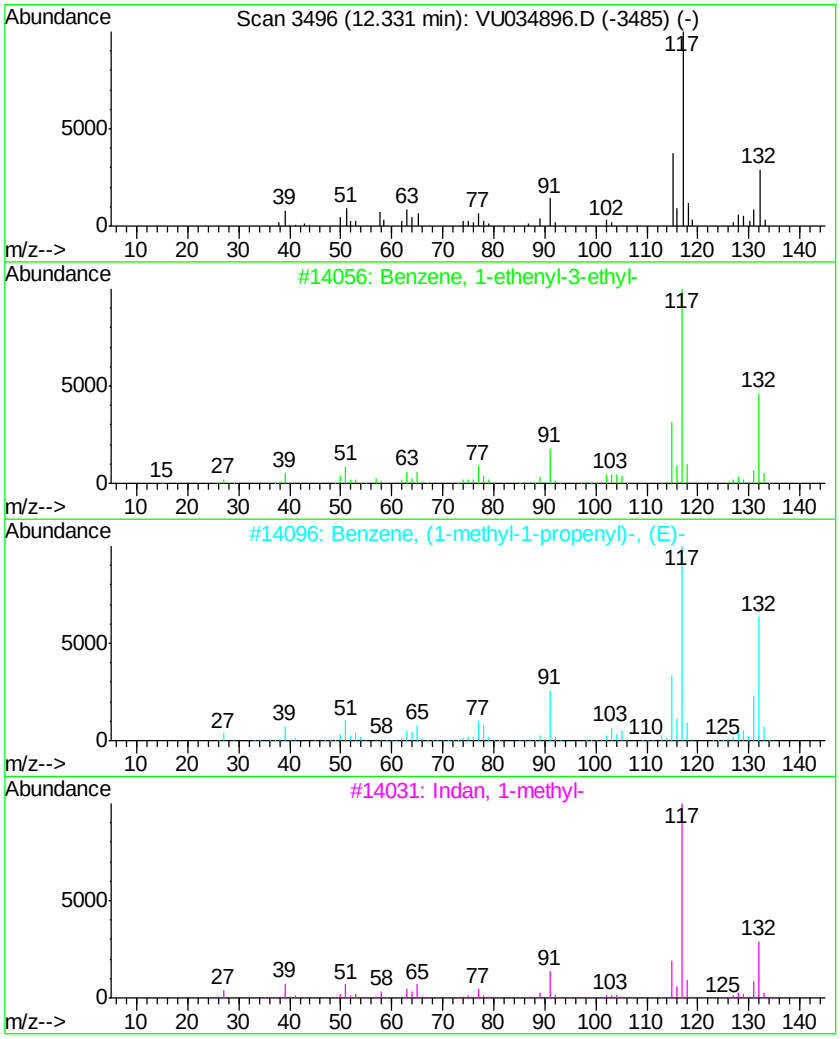
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

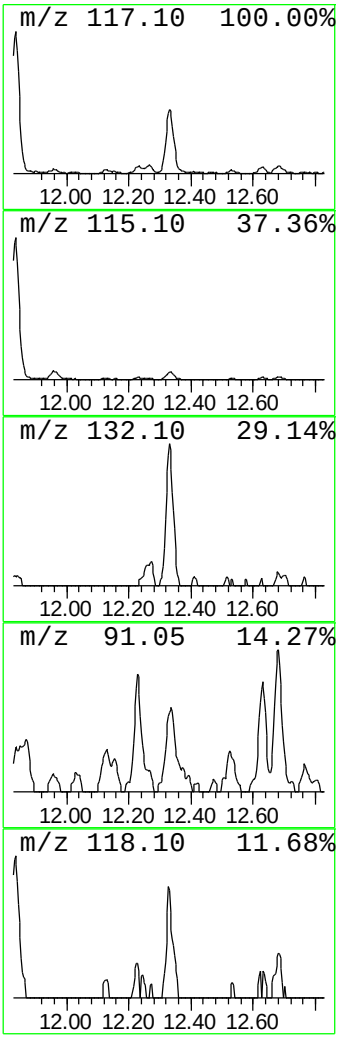
****

Peak Number 13 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	2.74 ug/L	54058	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	80
3	Indan, 1-methyl-	132	C10H12	000767-58-8	76
4	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	64
5	Indan, 1-methyl-	132	C10H12	000767-58-8	62





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034896.D
Acq On : 01 Oct 2019 18:33
Operator : JC/SP
Sample : K5028-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis

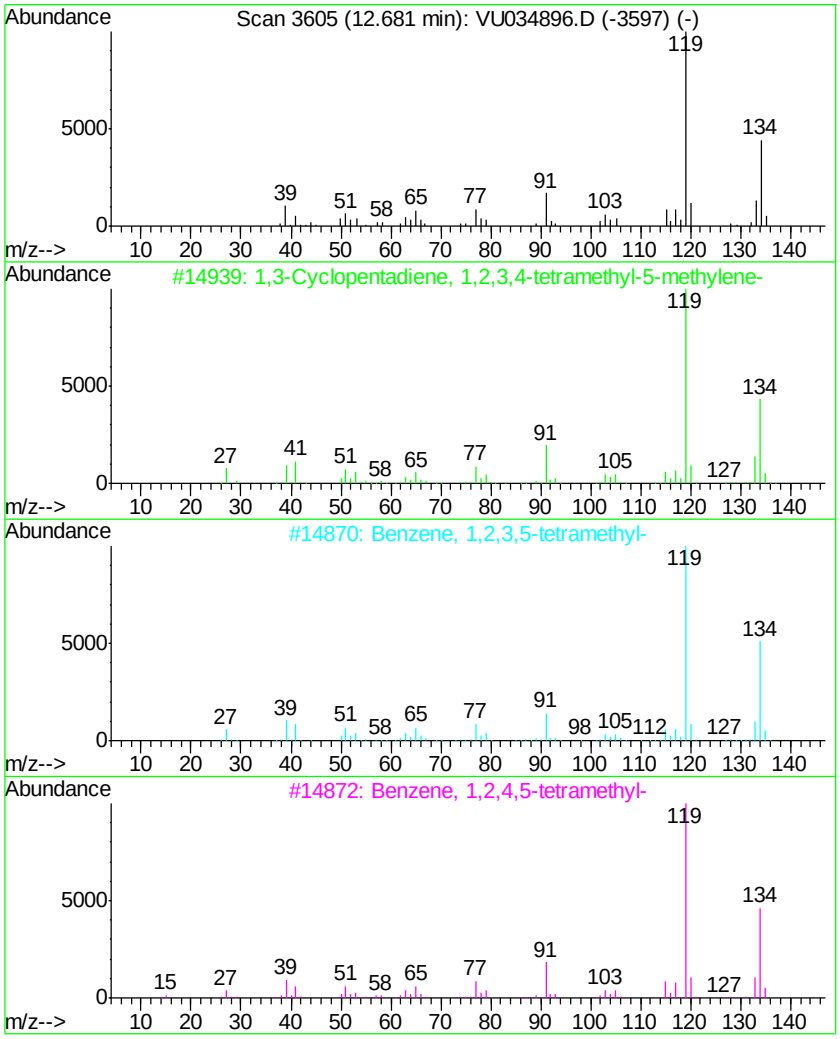
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

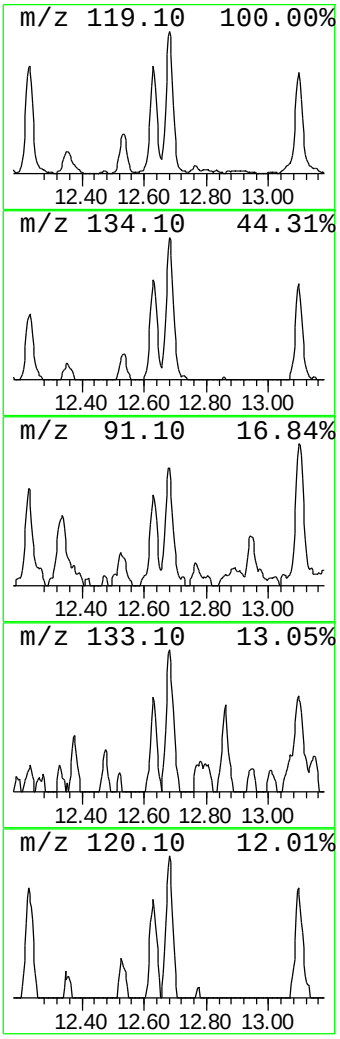
****

Peak Number 14 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	3.06 ug/L	60449	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95





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Data File : VU034896.D
Acq On : 01 Oct 2019 18:33
Operator : JC/SP
Sample : K5028-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis

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

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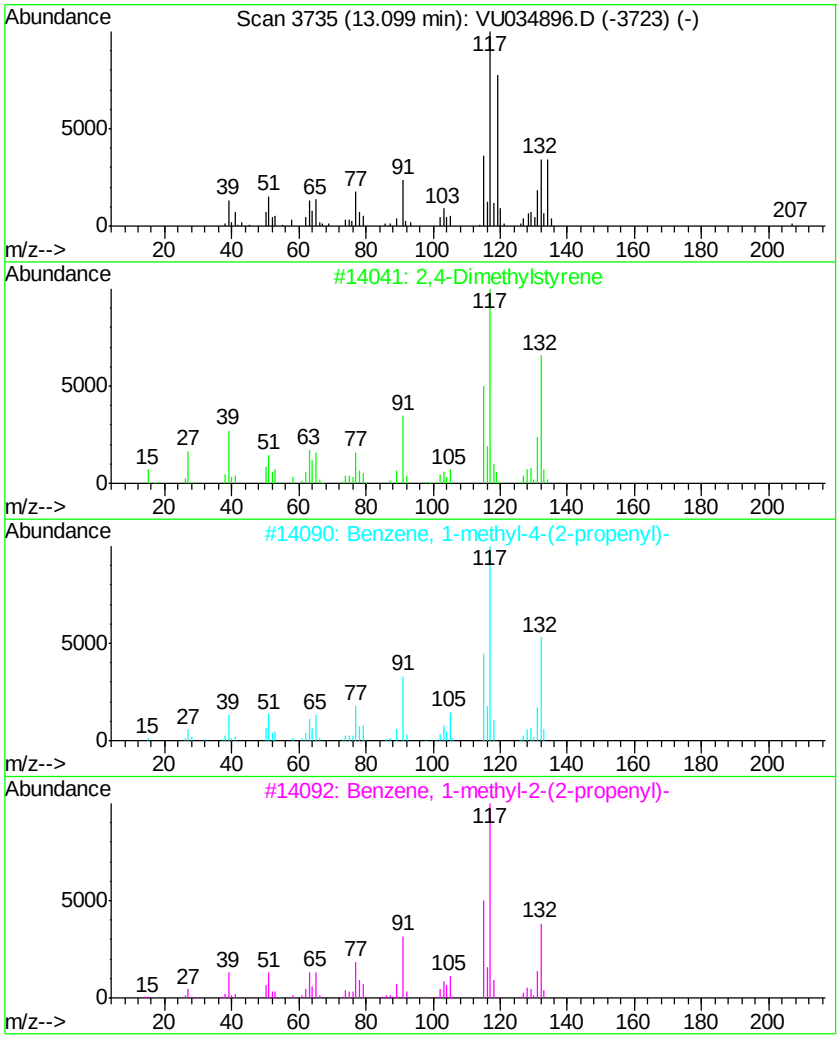
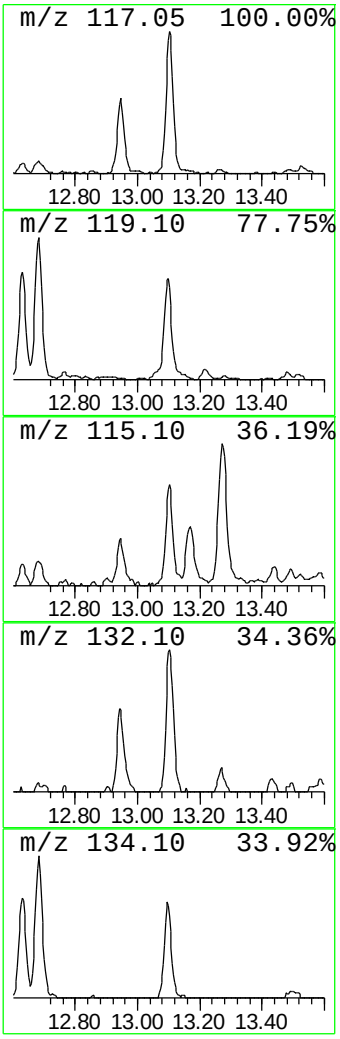
Peak Number 15 2,4-Dimethylstyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	5.43 ug/L	107233	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	83
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	55
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	55





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034896.D
Acq On : 01 Oct 2019 18:33
Operator : JC/SP
Sample : K5028-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis

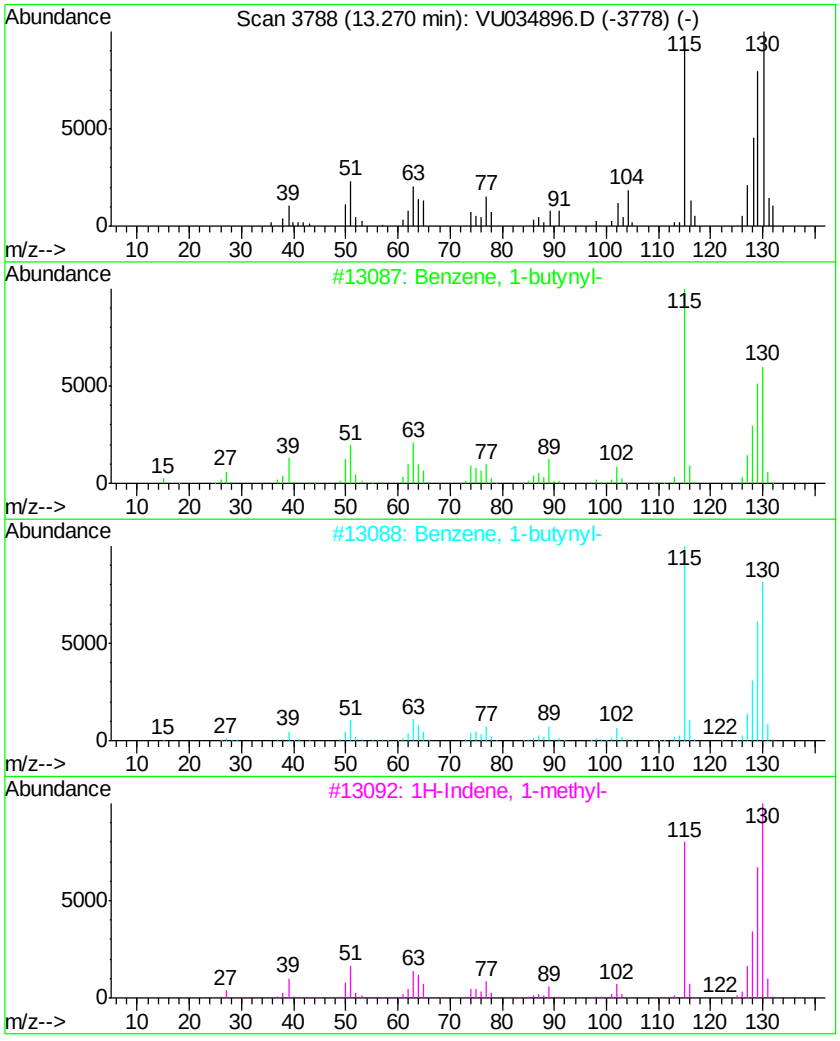
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

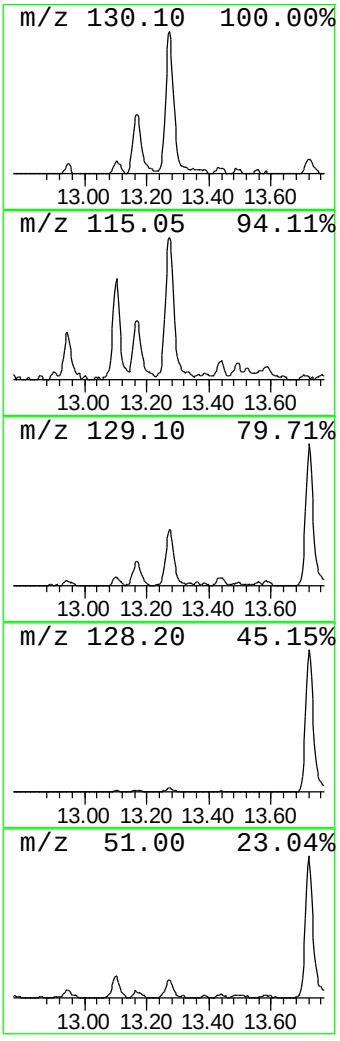
****

Peak Number 16 Benzene, 1-butynyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	3.52 ug/L	69447	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
2	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	93
4	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	91
5	2-Methylindene	130	C10H10	002177-47-1	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034896.D
Acq On : 01 Oct 2019 18:33
Operator : JC/SP
Sample : K5028-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis

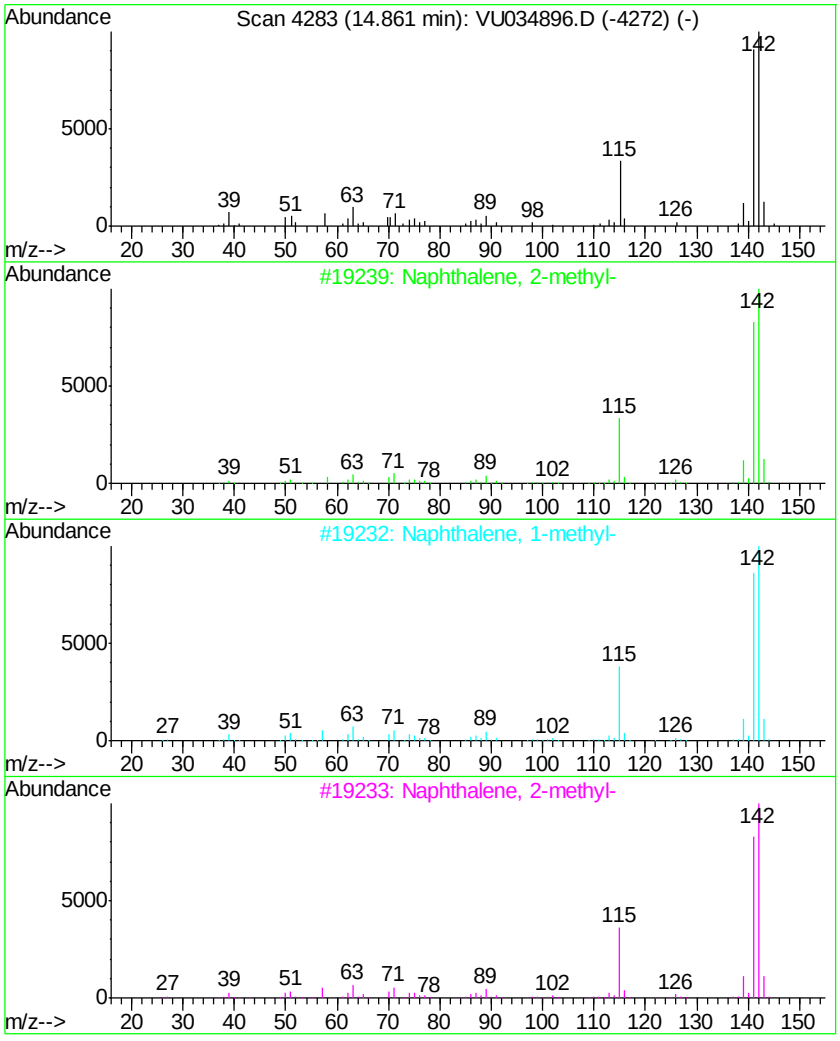
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

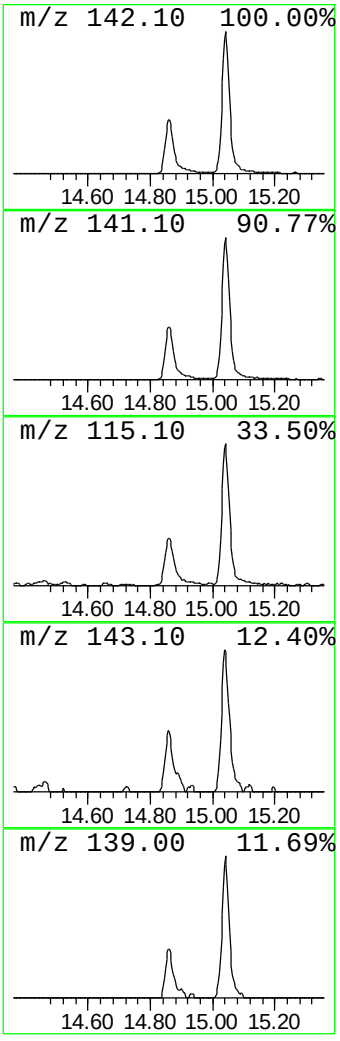
****

Peak Number 18 Naphthalene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	4.87 ug/L	96058	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034896.D
Acq On : 01 Oct 2019 18:33
Operator : JC/SP
Sample : K5028-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.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
Isopropyl acetate	5.53	4.9	ug/L	96736	1	5.86	993384	50.0
n-Propyl acetate	6.68	88.7	ug/L	1763040	1	5.86	993384	50.0
Propanoic acid, 1...	7.40	10.3	ug/L	205017	1	5.86	993384	50.0
Propanoic acid, 2...	8.13	14.7	ug/L	335051	2	9.07	1140470	50.0
Propanoic acid, p...	8.40	23.2	ug/L	529305	2	9.07	1140470	50.0
Butanoic acid, 1-...	8.88	28.9	ug/L	659426	2	9.07	1140470	50.0
Benzene, 1-ethyl-...	10.95	2.8	ug/L	54795	3	11.46	987048	50.0
Benzene, 1,2,3-tr...	11.13	2.6	ug/L	50488	3	11.46	987048	50.0
Benzene, 1,2,4-tr...	11.55	4.8	ug/L	95724	3	11.46	987048	50.0
Indane	11.74	6.1	ug/L	120523	3	11.46	987048	50.0
Benzene, 1-etheny...	12.33	2.7	ug/L	54058	3	11.46	987048	50.0
1,3-Cyclopentadie...	12.68	3.1	ug/L	60449	3	11.46	987048	50.0
2,4-Dimethylstyrene	13.10	5.4	ug/L	107233	3	11.46	987048	50.0
Benzene, 1-butynyl-	13.27	3.5	ug/L	69447	3	11.46	987048	50.0
Naphthalene, 1-me...	14.86	4.9	ug/L	96058	3	11.46	987048	50.0