LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100219\
Data File : VU034906.D
Acq On : 01 Oct 2019 22:28
Operator : JC/SP
Sample : K5028-15
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM9

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	36	rBV2	9691	12685	0.71%	0.063%
2	1.392	85	94	105	rBV	163408	174148	9.81%	0.866%
3	1.466	111	117	124	rBV	11294	13001	0.73%	0.065%
4	1.544	134	141	151	rVB3	11434	15289	0.86%	0.076%
5	1.672	173	181	196	rVB	135938	175353	9.88%	0.872%
6	2.171	331	336	347	rVB8	5017	7740	0.44%	0.038%
7	2.257	352	363	373	rVV	267819	413269	23.29%	2.055%
8	2.309	373	379	400	rVB	43451	71306	4.02%	0.354%
9	2.611	464	473	481	rBV4	2751	5715	0.32%	0.028%
10	2.685	484	496	515	rBV	78273	142808	8.05%	0.710%
11	2.781	516	526	528	rBV7	2925	4223	0.24%	0.021%
12	3.171	636	647	654	rBV4	2085	3838	0.22%	0.019%
13	3.534	753	760	761	rBV2	2288	2152	0.12%	0.011%
14	3.621	777	787	789	rBV6	2644	3996	0.23%	0.020%
15	3.865	848	863	864	rBV4	1236	2223	0.13%	0.011%
16	4.071	909	927	940	rBV6	5002	14202	0.80%	0.071%
17	4.151	940	952	979	rBV	160715	436151	24.58%	2.168%
18	4.624	1081	1099	1126	rBV	247820	599033	33.75%	2.978%
19	4.752	1134	1139	1155	rVB6	5308	11603	0.65%	0.058%
20	4.865	1165	1174	1180	rBV6	1173	2060	0.12%	0.010%
21	4.971	1194	1207	1221	rVB4	8601	19870	1.12%	0.099%
22	5.315	1291	1314	1326	rBV2	477310	1436125	80.92%	7.140%
23	5.531	1364	1381	1405	rBV	58132	128462	7.24%	0.639%
24	5.865	1470	1485	1503	rBV	458782	947446	53.38%	4.710%
25	6.309	1608	1623	1642	rBV	337129	679930	38.31%	3.380%
26	6.405	1643	1653	1680	rVB3	15383	47024	2.65%	0.234%
27	6.518	1681	1688	1693	rBV4	2725	4348	0.24%	0.022%
28	6.563	1694	1702	1705	rBV2	11910	17042	0.96%	0.085%
29	6.685	1727	1740	1773	rBV	971984	1774775	100.00%	8.823%
30	7.045	1842	1852	1862	rVB7	4147	7459	0.42%	0.037%
31	7.206	1890	1902	1925	rBV	180752	333609	18.80%	1.659%
32	7.399	1950	1962	1990	rBV	166270	301492	16.99%	1.499%
33	7.543	1991	2007	2023	rBV	640837	1152457	64.94%	5.729%
34	7.617	2023	2030	2044	rVB	30843	55926	3.15%	0.278%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100219\
Data File : VU034906.D
Acq On : 01 Oct 2019 22:28
Operator : JC/SP
Sample : K5028-15
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM9

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	7.759	2070	2074	2083	rVB6	2995	3521	0.20%	0.018%
36	7.829	2084	2096	2119	rBV2	156629	283025	15.95%	1.407%
37	8.135	2179	2191	2207	rBV	275155	457260	25.76%	2.273%
38	8.215	2207	2216	2218	rVV2	18372	27431	1.55%	0.136%
39	8.241	2218	2224	2230	rVV2	37805	61709	3.48%	0.307%
40	8.289	2230	2239	2262	rVV	624112	1136425	64.03%	5.650%
41	8.395	2262	2272	2301	rVV	435008	767040	43.22%	3.813%
42	8.511	2301	2308	2327	rVB2	14851	30691	1.73%	0.153%
43	8.884	2411	2424	2455	rBV	573604	921380	51.92%	4.581%
44	9.067	2460	2481	2522	rVV	686676	1353341	76.25%	6.728%
45	9.228	2522	2531	2542	rVV	53924	87644	4.94%	0.436%
46	9.357	2555	2571	2585	rBV	99651	173284	9.76%	0.861%
47	9.479	2599	2609	2619	rBV6	14583	23962	1.35%	0.119%
48	9.585	2634	2642	2654	rBV2	14307	26930	1.52%	0.134%
49	9.672	2664	2669	2677	rVB8	3060	4449	0.25%	0.022%
50	9.755	2683	2695	2721	rVB	409623	703844	39.66%	3.499%
51	9.929	2739	2749	2761	rVV9	4557	10684	0.60%	0.053%
52	10.022	2770	2778	2788	rVB9	2861	5413	0.30%	0.027%
53	10.074	2788	2794	2802	rVV8	2246	3942	0.22%	0.020%
54	10.145	2803	2816	2831	rVB2	20051	37458	2.11%	0.186%
55	10.302	2856	2865	2872	rBV7	4200	7009	0.39%	0.035%
56	10.408	2886	2898	2916	rBV	473043	763603	43.03%	3.796%
57	10.566	2932	2947	2961	rBV	34922	67591	3.81%	0.336%
58	10.685	2970	2984	2995	rVB	23673	45586	2.57%	0.227%
59	10.752	2996	3005	3016	rVB	16605	24903	1.40%	0.124%
60	10.897	3040	3050	3057	rVV4	11279	18700	1.05%	0.093%
61	10.948	3057	3066	3088	rVB	87847	158387	8.92%	0.787%
62	11.064	3094	3102	3110	rVV	3442	5430	0.31%	0.027%
63	11.125	3110	3121	3136	rVV	373865	575747	32.44%	2.862%
64	11.267	3159	3165	3170	rBV6	1752	2152	0.12%	0.011%
65	11.302	3170	3176	3183	rBV5	4912	7708	0.43%	0.038%
66	11.405	3201	3208	3214	rBV8	6564	10003	0.56%	0.050%
67	11.460	3214	3225	3243	rVV	644767	1047739	59.04%	5.209%
68	11.546	3243	3252	3267	rVB	108239	172064	9.69%	0.855%
69	11.743	3301	3313	3330	rBV	125728	221755	12.49%	1.102%
70	11.836	3330	3342	3369	rVB	625641	1074435	60.54%	5.341%
71	11.961	3373	3381	3392	rBV4	13156	21568	1.22%	0.107%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100219\
Data File : VU034906.D
Acq On : 01 Oct 2019 22:28
Operator : JC/SP
Sample : K5028-15
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM9

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	12.035	3396	3404	3416	rVB2	11675	20801	1.17%	0.103%
73	12.125	3422	3432	3454	rBV4	35644	91715	5.17%	0.456%
74	12.228	3454	3464	3472	rBV	31766	52097	2.94%	0.259%
75	12.331	3487	3496	3517	rVB2	35631	68101	3.84%	0.339%
76	12.469	3534	3539	3546	rBV9	2307	2879	0.16%	0.014%
77	12.530	3546	3558	3569	rVB4	12063	21933	1.24%	0.109%
78	12.591	3569	3577	3582	rBV3	9551	15169	0.85%	0.075%
79	12.630	3582	3589	3596	rVV	25997	40772	2.30%	0.203%
80	12.681	3596	3605	3620	rVB	45403	73584	4.15%	0.366%
81	12.765	3623	3631	3638	rBV9	3057	5135	0.29%	0.026%
82	12.945	3679	3687	3705	rVB	24717	41304	2.33%	0.205%
83	13.099	3718	3735	3747	rBV3	54366	99536	5.61%	0.495%
84	13.170	3752	3757	3765	rVB10	6580	9400	0.53%	0.047%
85	13.215	3765	3771	3778	rBV8	1862	2347	0.13%	0.012%
86	13.273	3780	3789	3798	rVB6	12640	21329	1.20%	0.106%
87	13.379	3812	3822	3833	rBV6	11337	21053	1.19%	0.105%
88	13.437	3833	3840	3847	rBV4	6838	10214	0.58%	0.051%
89	13.492	3847	3857	3863	rBV8	8308	13698	0.77%	0.068%
90	13.559	3873	3878	3881	rBV6	2241	2574	0.15%	0.013%
91	13.591	3883	3888	3894	rVB4	5473	5601	0.32%	0.028%
92	13.726	3920	3930	3954	rVB	28812	61234	3.45%	0.304%
93	13.839	3954	3965	3968	rBV9	3001	4248	0.24%	0.021%
94	13.932	3986	3994	3996	rBV8	3334	4165	0.23%	0.021%
95	14.135	4050	4057	4066	rBV5	5163	7968	0.45%	0.040%
96	14.318	4103	4114	4123	rBV5	4602	9153	0.52%	0.046%
97	14.456	4149	4157	4167	rBV6	2763	4740	0.27%	0.024%
98	14.524	4169	4178	4186	rBV7	4853	8732	0.49%	0.043%
99	14.662	4216	4221	4233	rVB7	2498	3689	0.21%	0.018%
100	15.048	4329	4341	4353	rBV2	15932	31261	1.76%	0.155%

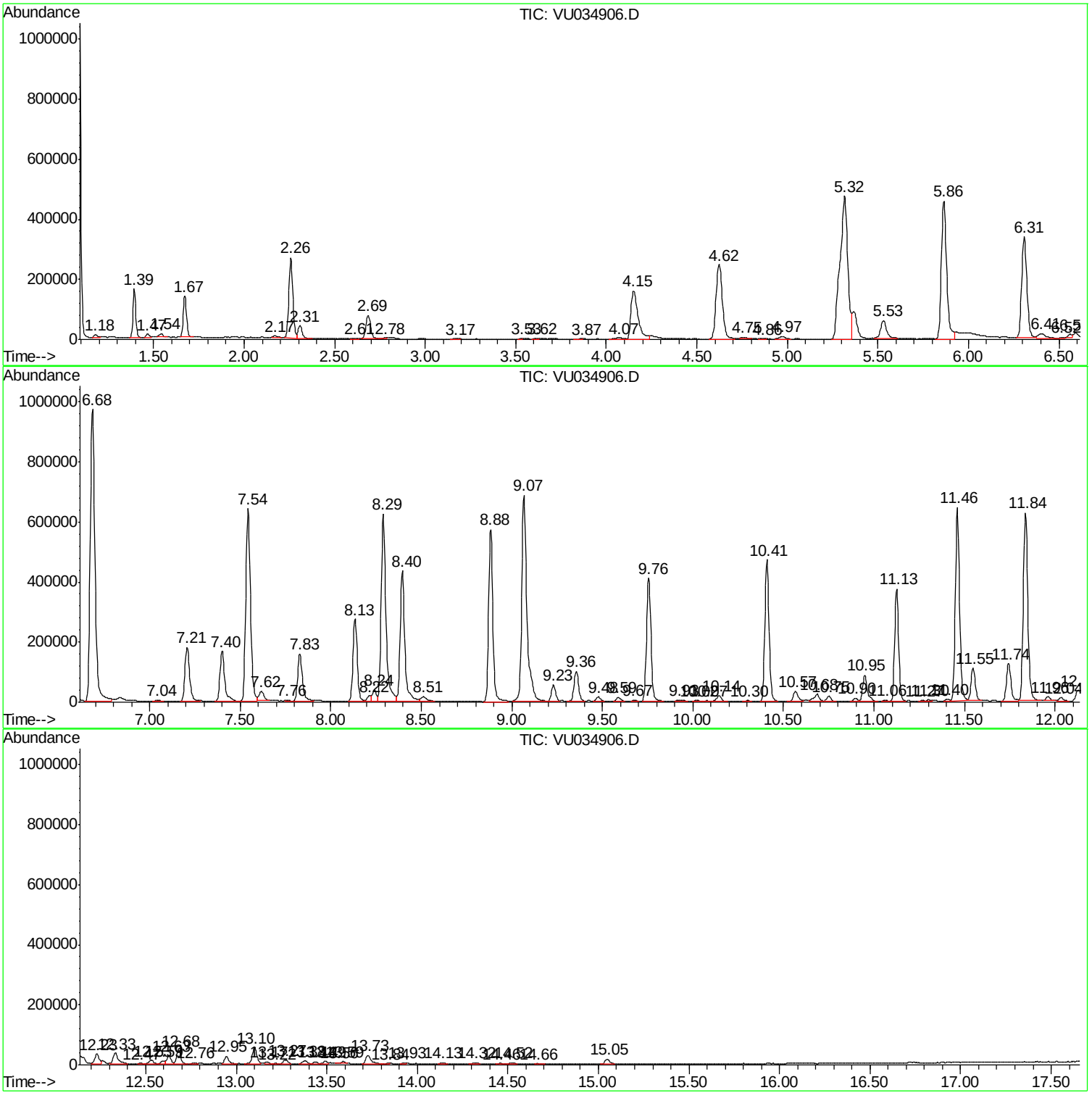
Sum of corrected areas: 20115005

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034906.D
Acq On : 01 Oct 2019 22:28
Operator : JC/SP
Sample : K5028-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM9

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100219\
Data File : VU034906.D
Acq On : 01 Oct 2019 22:28
Operator : JC/SP
Sample : K5028-15
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM9

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

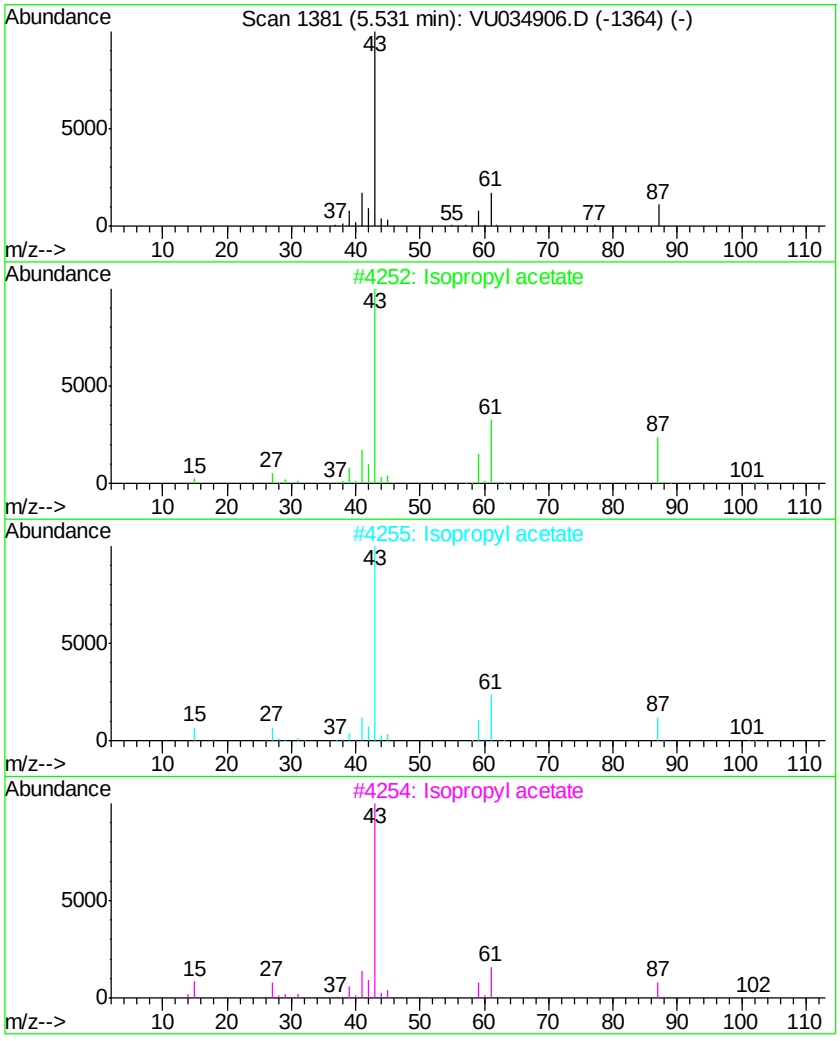
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

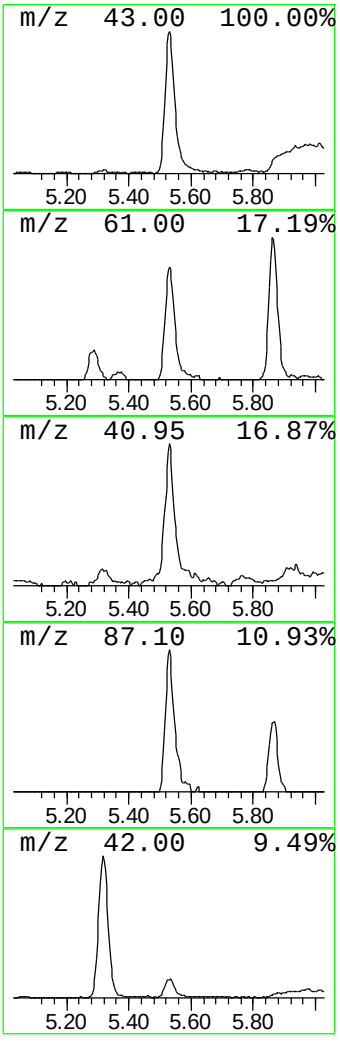
****

Peak Number 1 Isopropyl acetate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.53	6.78 ug/L	128462	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl acetate	102	C5H10O2	000108-21-4	83
2	Isopropyl acetate	102	C5H10O2	000108-21-4	74
3	Isopropyl acetate	102	C5H10O2	000108-21-4	64
4	Isopropyl acetate	102	C5H10O2	000108-21-4	64
5	n-Propyl acetate	102	C5H10O2	000109-60-4	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034906.D
Acq On : 01 Oct 2019 22:28
Operator : JC/SP
Sample : K5028-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM9

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

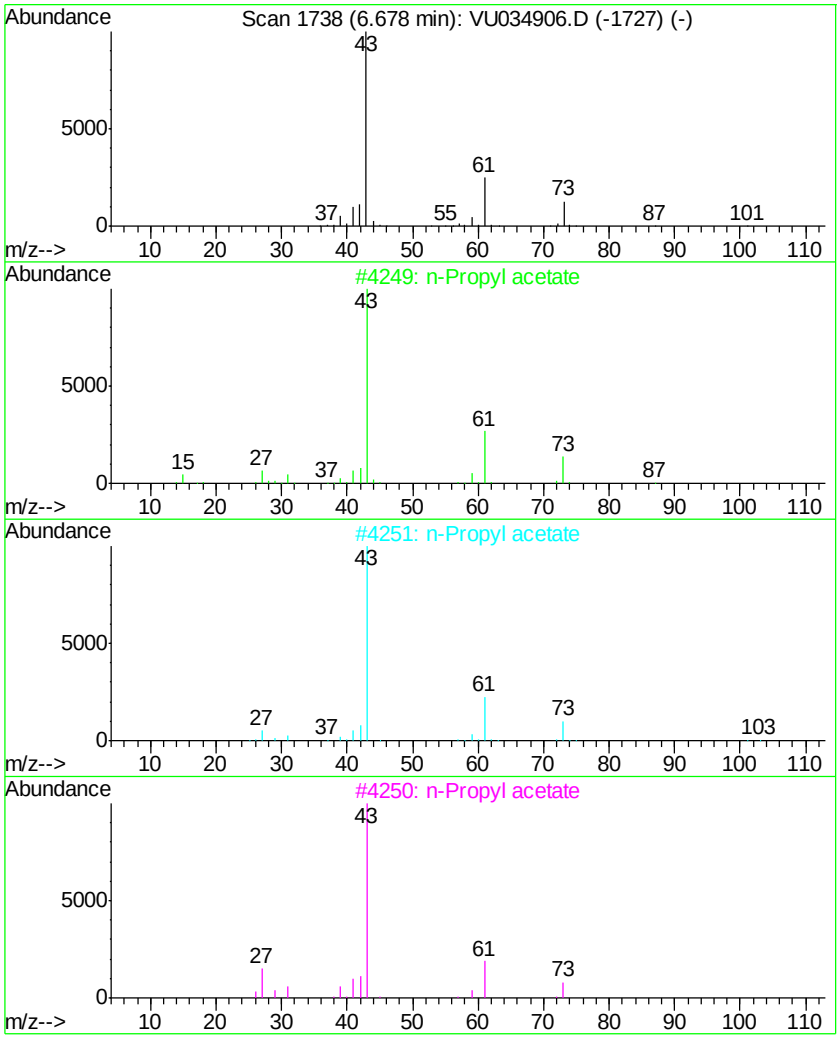
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

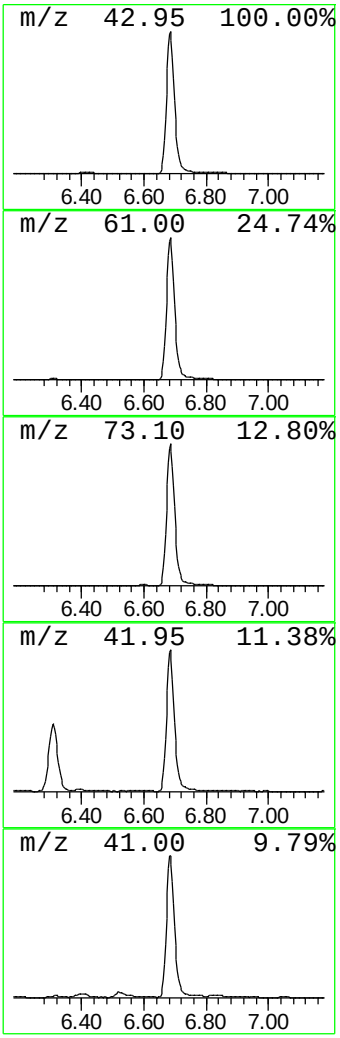
****

Peak Number 2 n-Propyl acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	93.66 ug/L	1774780	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	83
3	n-Propyl acetate	102	C5H10O2	000109-60-4	78
4	Isopropyl acetate	102	C5H10O2	000108-21-4	36
5	Isobutyl acetate	116	C6H12O2	000110-19-0	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034906.D
Acq On : 01 Oct 2019 22:28
Operator : JC/SP
Sample : K5028-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM9

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

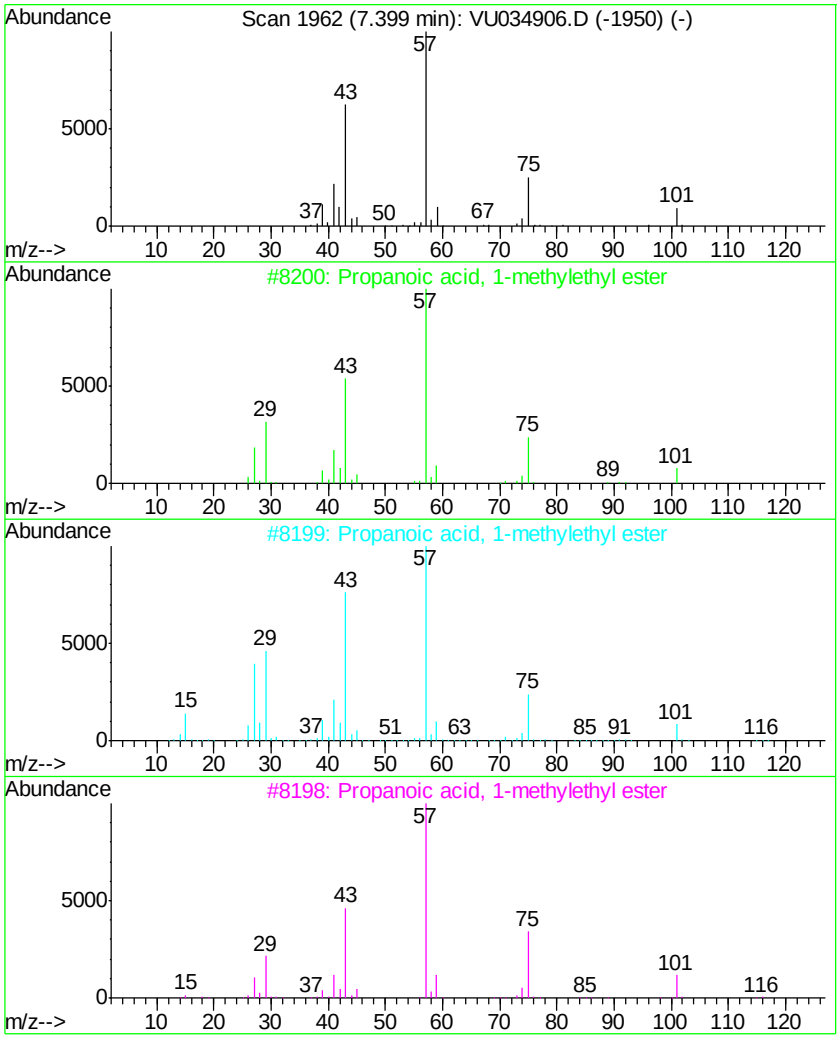
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

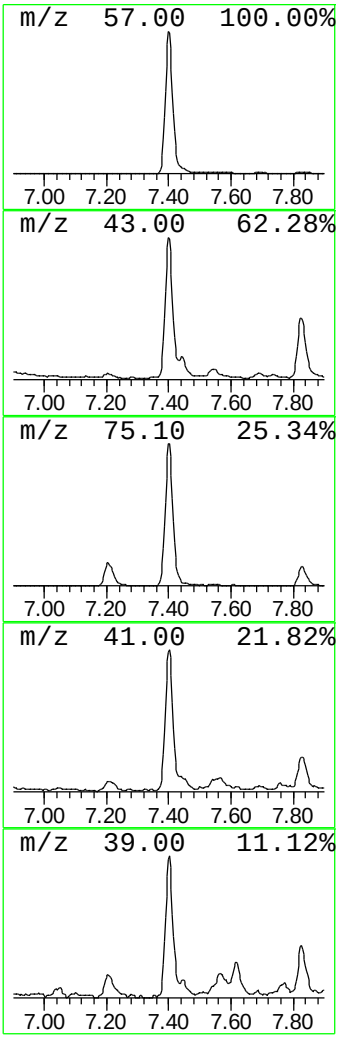
****

Peak Number 4 Propanoic acid, 1-methyleth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	15.91 ug/L	301492	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	78
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	45
5	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034906.D
Acq On : 01 Oct 2019 22:28
Operator : JC/SP
Sample : K5028-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM9

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

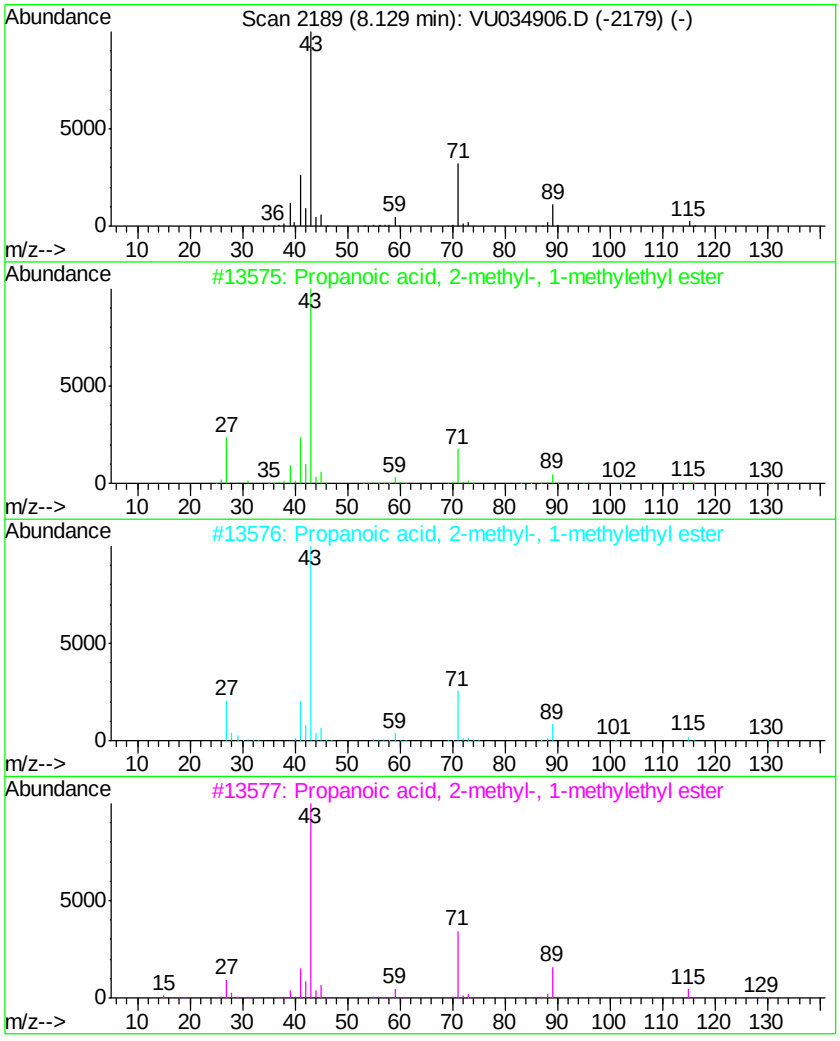
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

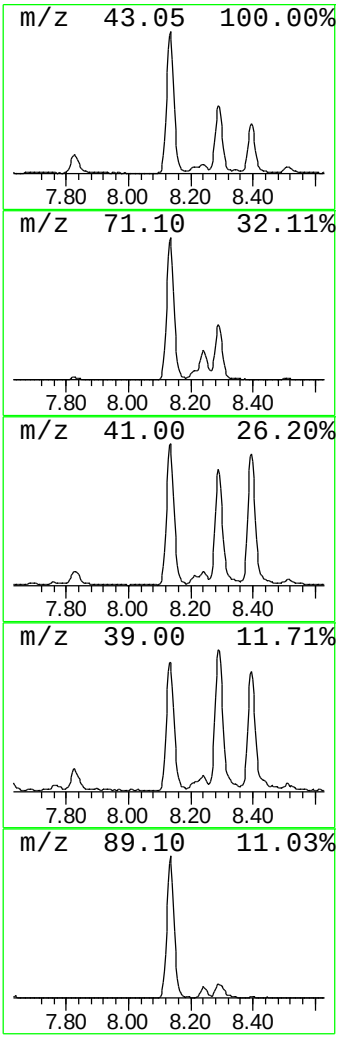
****

Peak Number 5 Propanoic acid, 2-methyl-, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	16.89 ug/L	457260	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	59
4	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	42
5	Butanoic acid, pentyl ester	158	C9H18O2	000540-18-1	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100219\
Data File : VU034906.D
Acq On : 01 Oct 2019 22:28
Operator : JC/SP
Sample : K5028-15
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM9

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

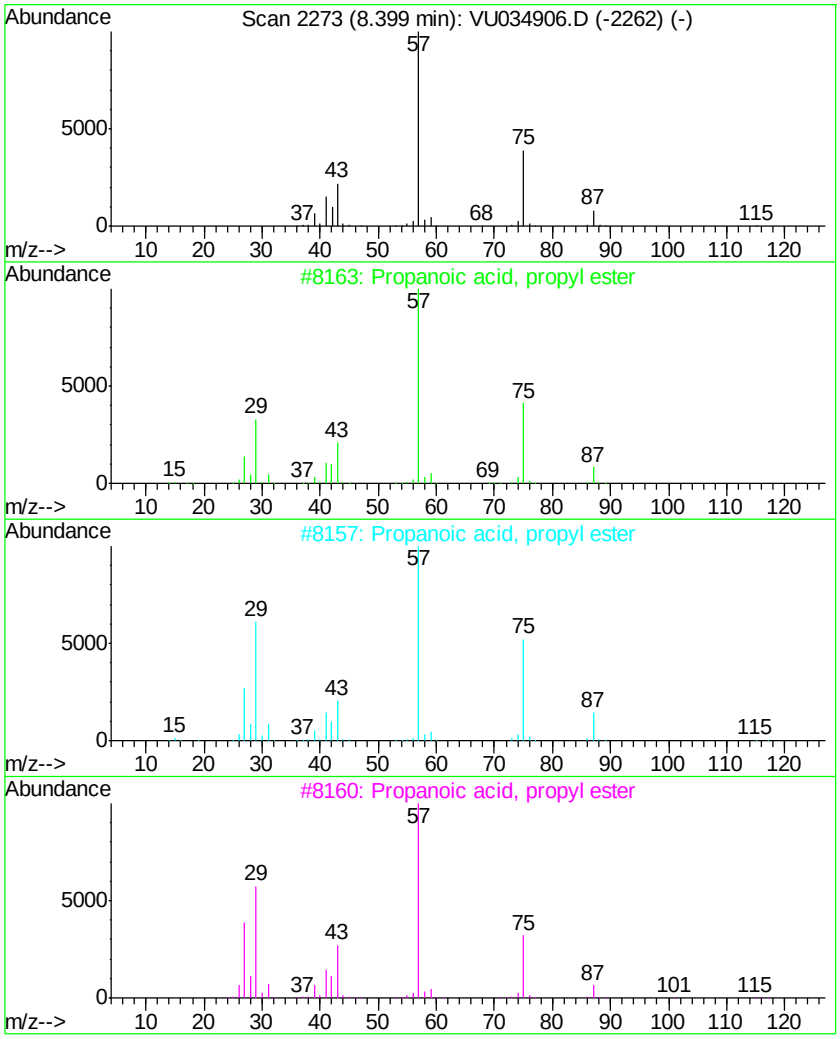
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

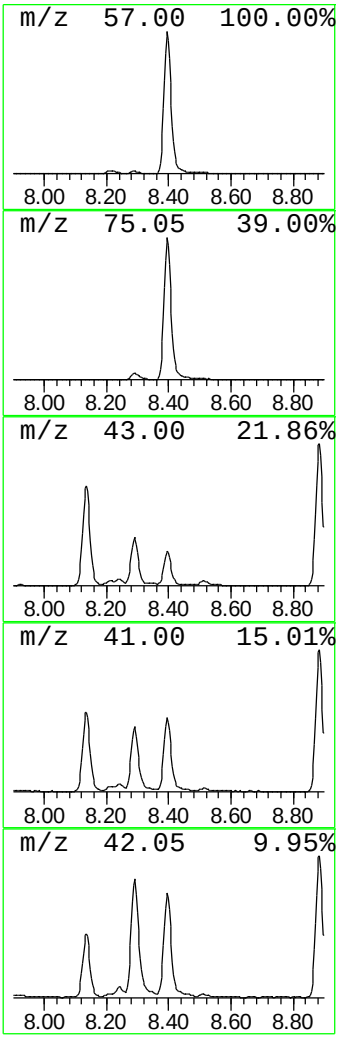
****

Peak Number 6 Propanoic acid, propyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	28.34 ug/L	767040	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	78
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100219\
Data File : VU034906.D
Acq On : 01 Oct 2019 22:28
Operator : JC/SP
Sample : K5028-15
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM9

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

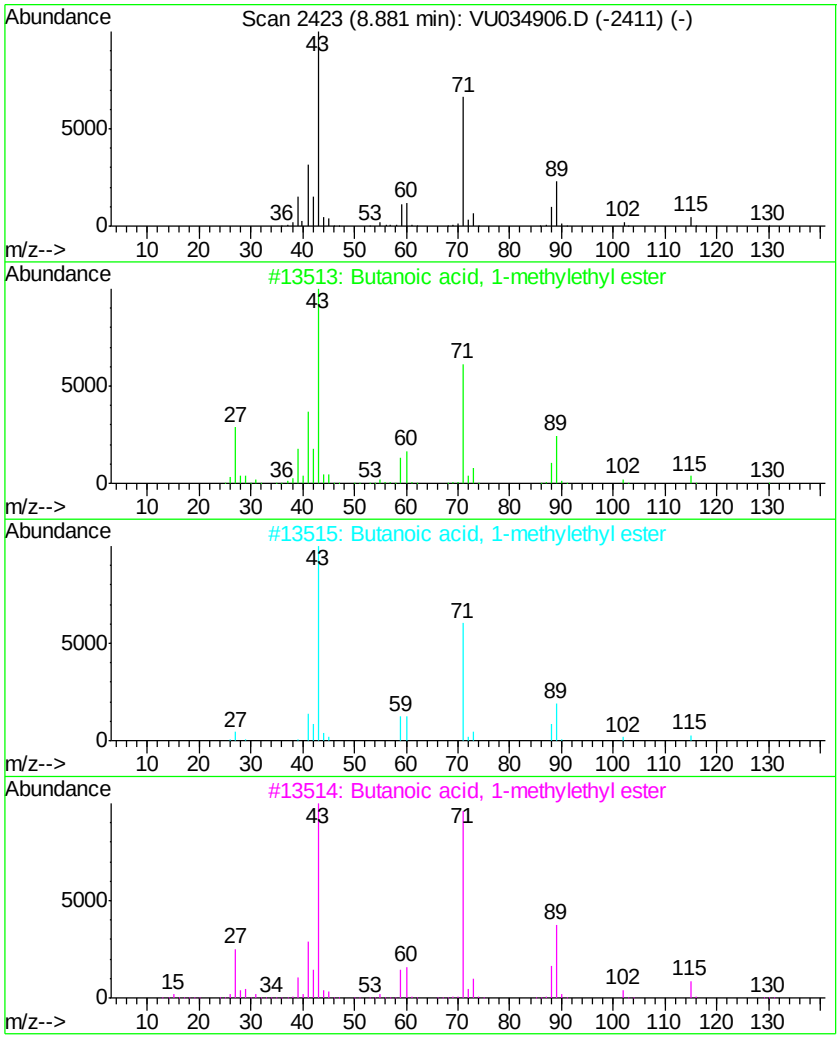
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

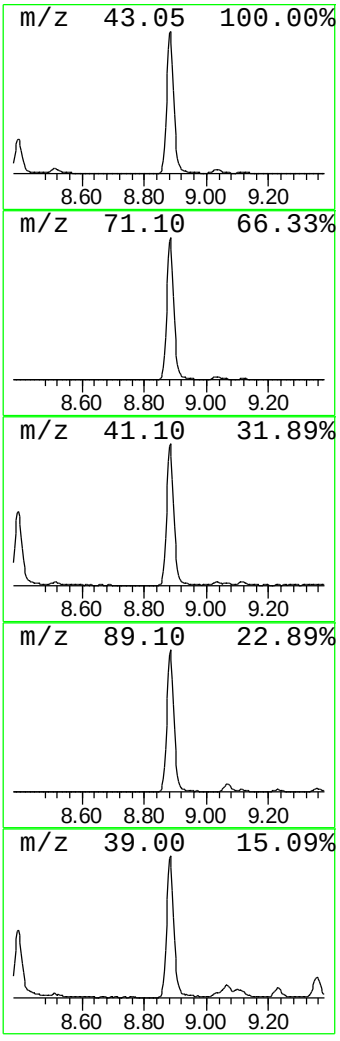
****

Peak Number 7 Butanoic acid, 1-methylethy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	34.04 ug/L	921380	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	86
4	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	72
5	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034906.D
Acq On : 01 Oct 2019 22:28
Operator : JC/SP
Sample : K5028-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM9

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

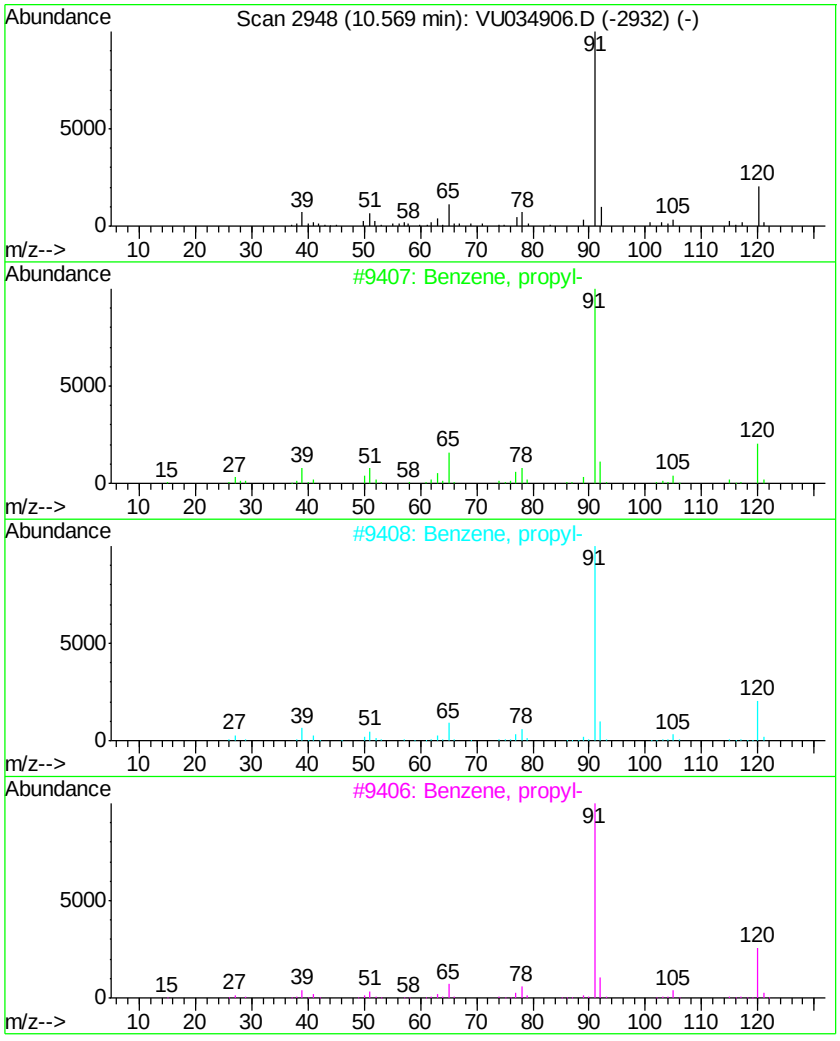
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

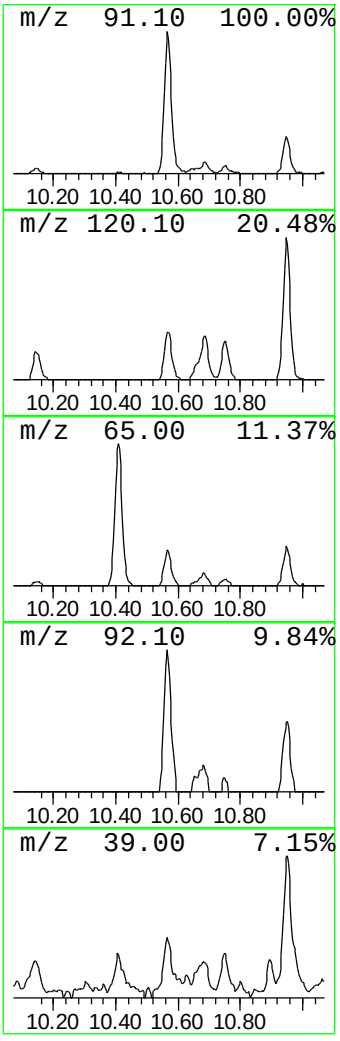
****

Peak Number 8 Benzene, propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	3.23 ug/L	67591	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72
5	Benzene, (ethenyloxy)-	120	C8H8O	000766-94-9	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034906.D
Acq On : 01 Oct 2019 22:28
Operator : JC/SP
Sample : K5028-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM9

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

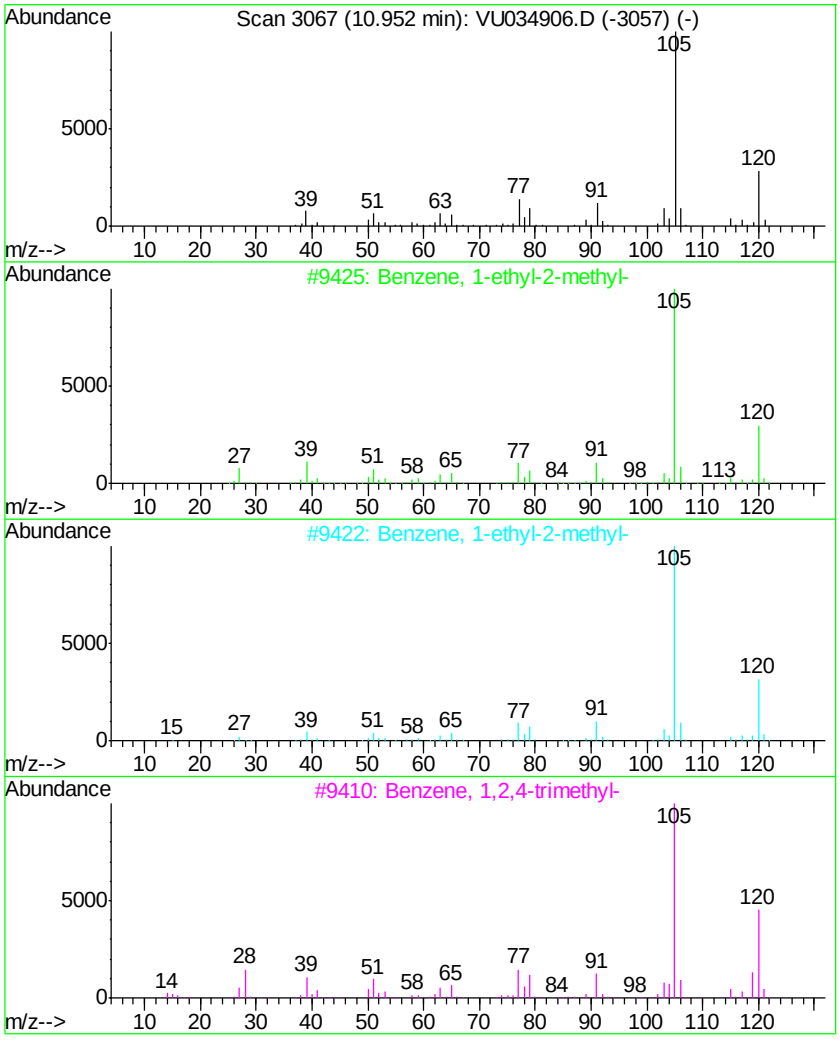
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

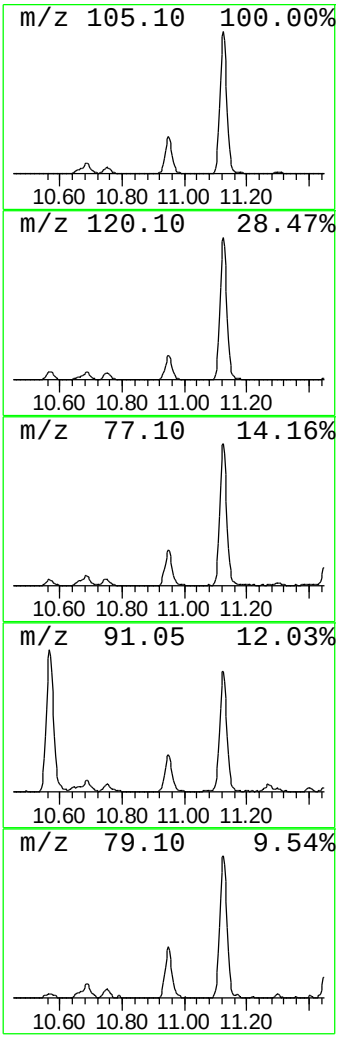
****

Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	7.56 ug/L	158387	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	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Data File : VU034906.D
Acq On : 01 Oct 2019 22:28
Operator : JC/SP
Sample : K5028-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM9

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

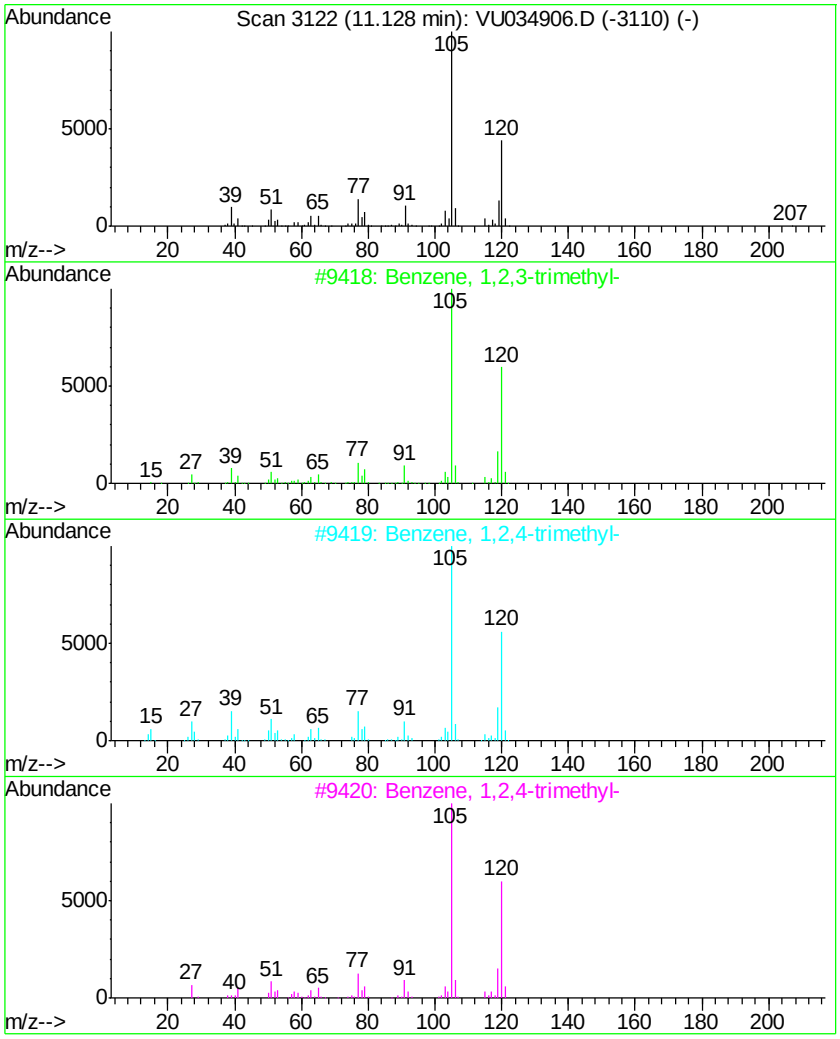
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

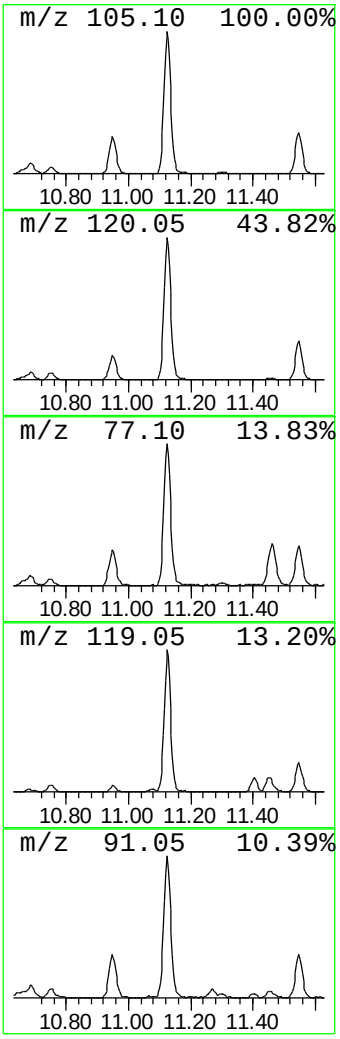
****

Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	27.48 ug/L	575747	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	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034906.D
Acq On : 01 Oct 2019 22:28
Operator : JC/SP
Sample : K5028-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM9

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

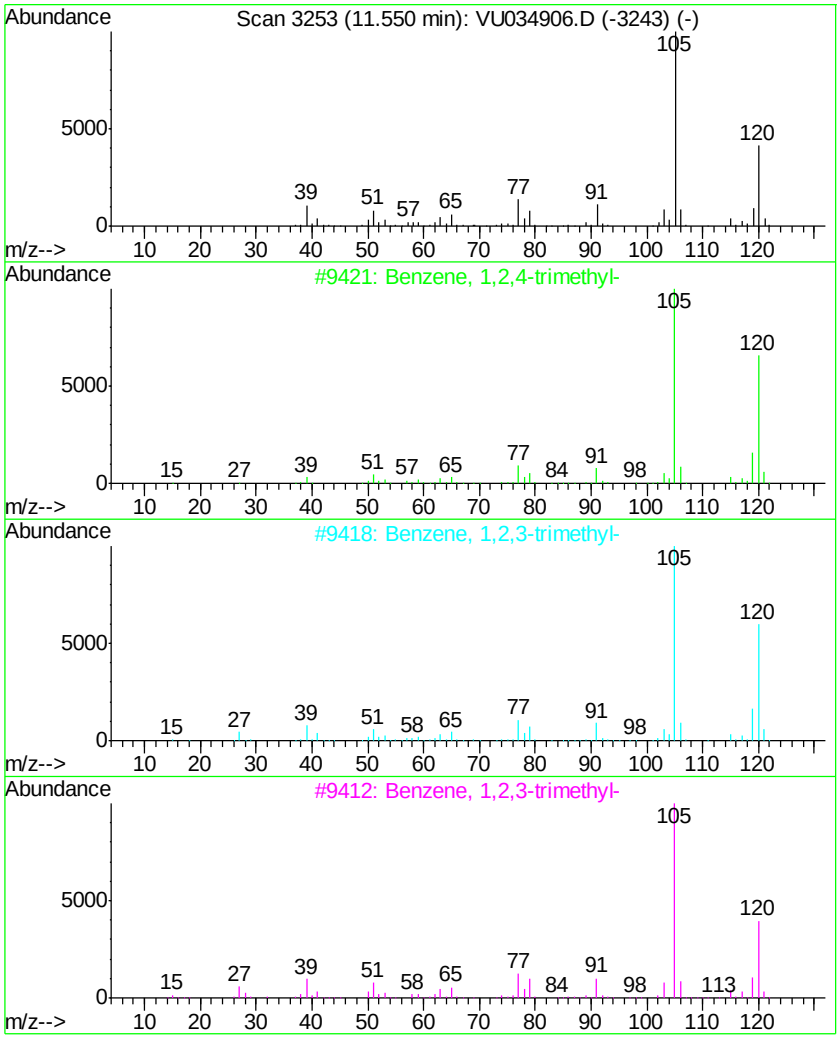
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

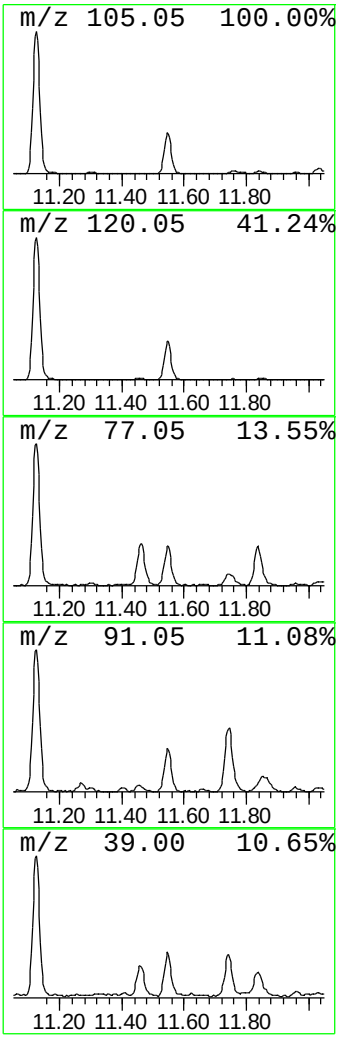
****

Peak Number 11 Benzene, 1,2,4-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	8.21 ug/L	172064	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	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100219\
Data File : VU034906.D
Acq On : 01 Oct 2019 22:28
Operator : JC/SP
Sample : K5028-15
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM9

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

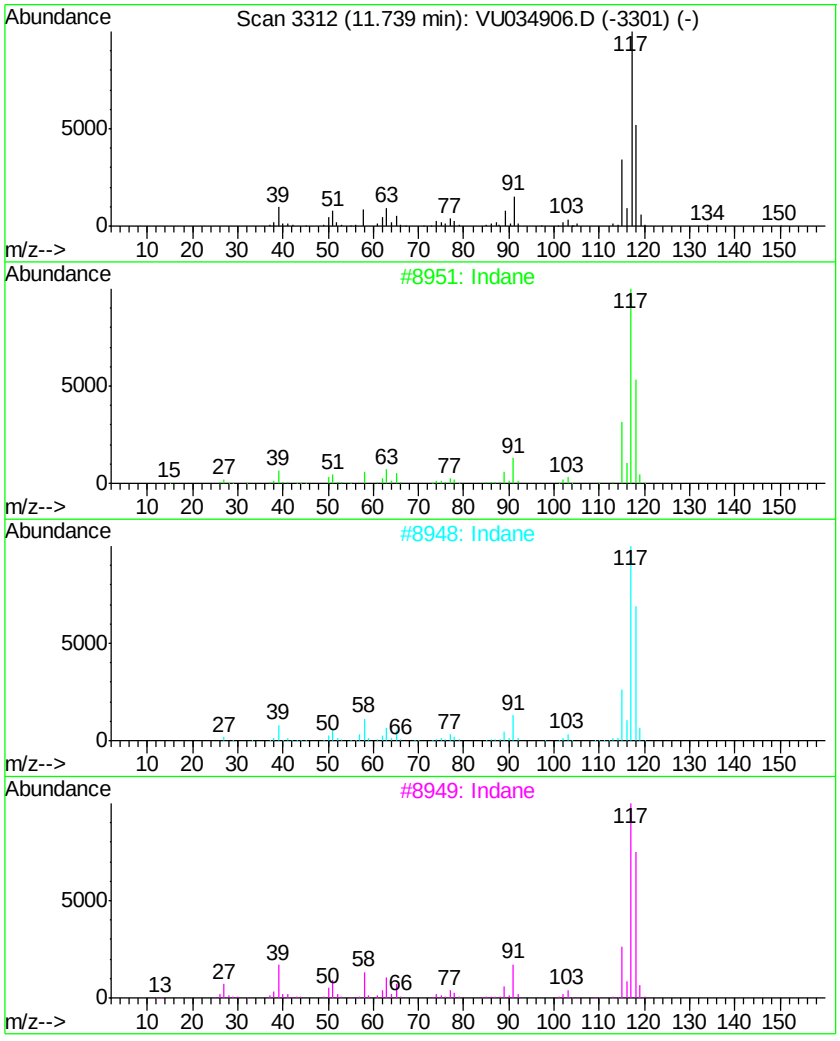
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

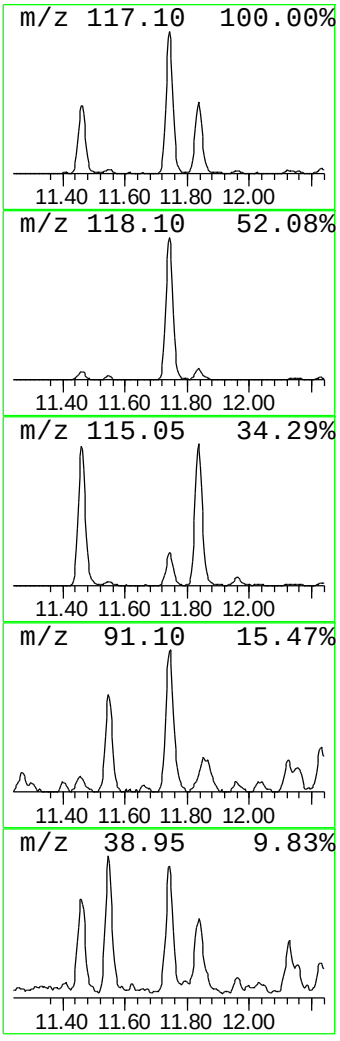
****

Peak Number 12 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	10.58 ug/L	221755	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	93
3	Indane	118	C9H10	000496-11-7	92
4	Indane	118	C9H10	000496-11-7	90
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034906.D
Acq On : 01 Oct 2019 22:28
Operator : JC/SP
Sample : K5028-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM9

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

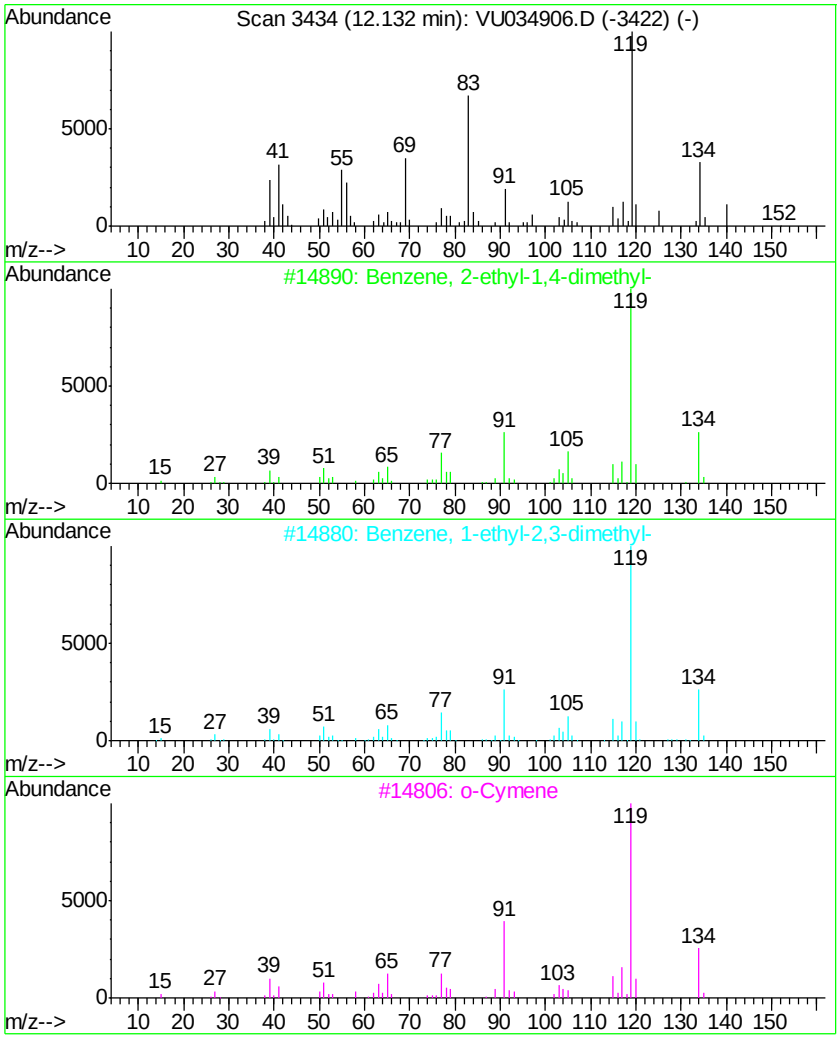
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

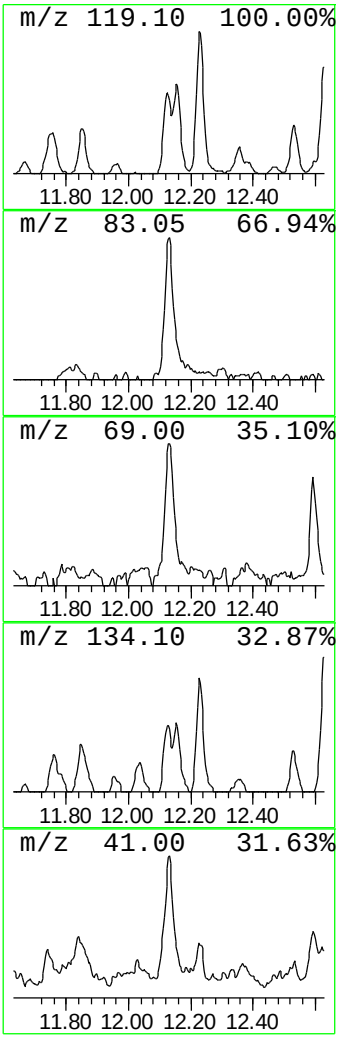
****

Peak Number 13 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	4.38 ug/L	91715	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
3	o-Cymene	134	C10H14	000527-84-4	78
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	60
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	60





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Data File : VU034906.D
Acq On : 01 Oct 2019 22:28
Operator : JC/SP
Sample : K5028-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM9

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

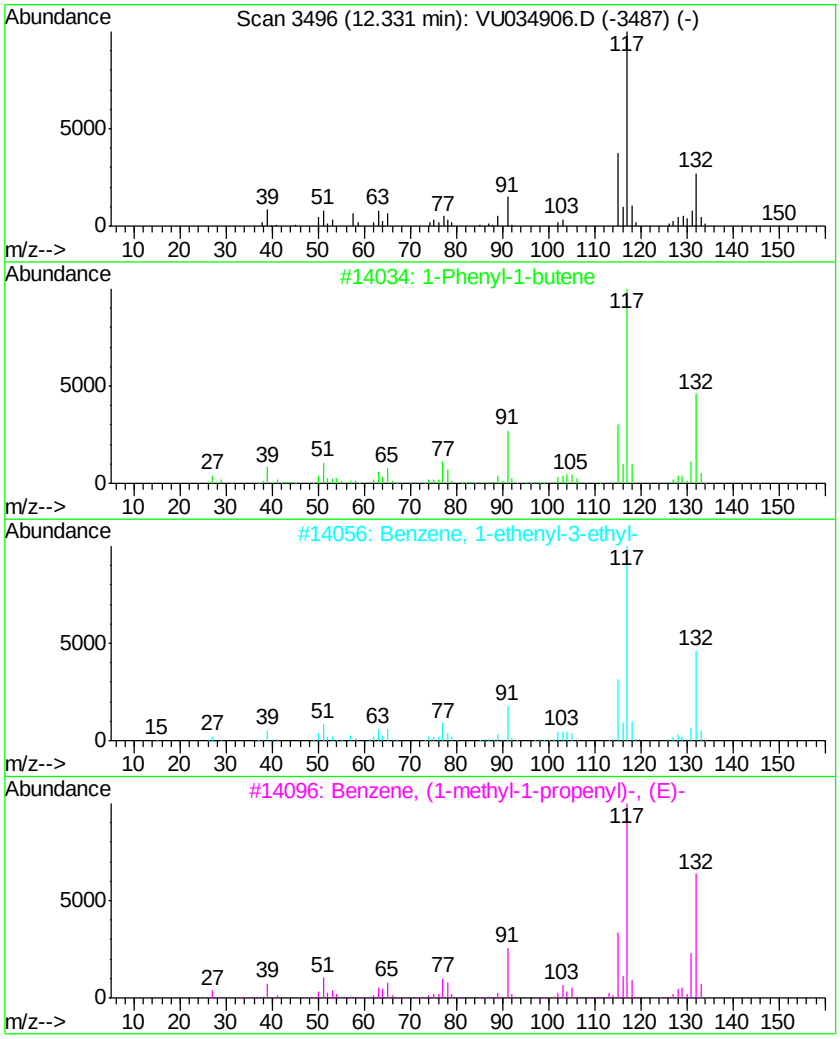
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

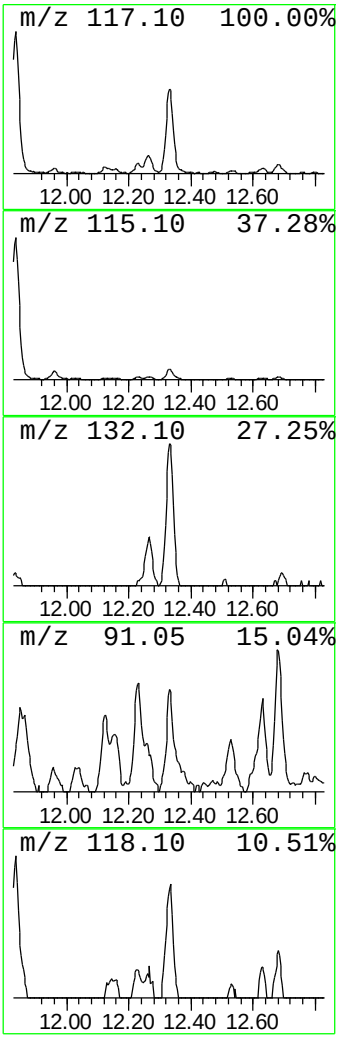
****

Peak Number 14 1-Phenyl-1-butene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	3.25 ug/L	68101	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	86
4	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	86
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	86





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034906.D
Acq On : 01 Oct 2019 22:28
Operator : JC/SP
Sample : K5028-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM9

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

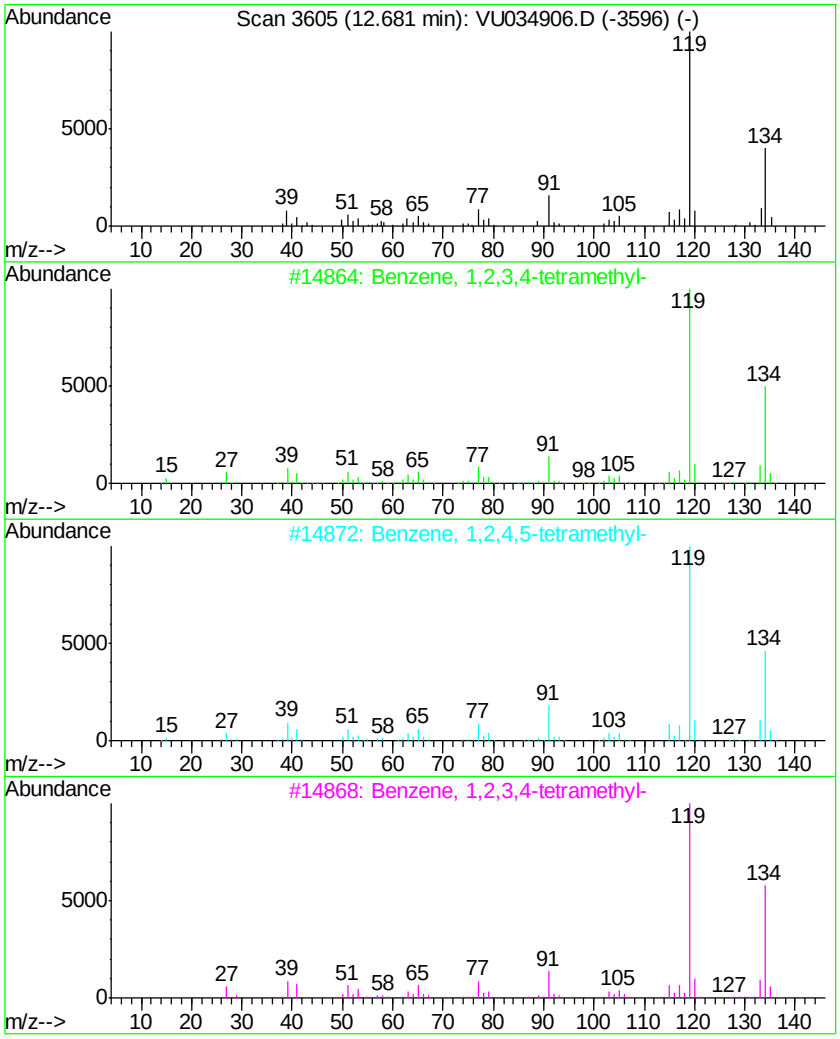
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

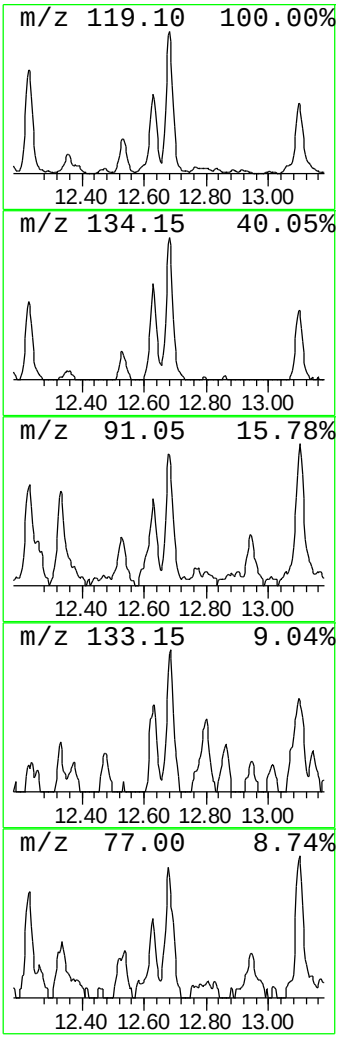
****

Peak Number 15 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	3.51 ug/L	73584	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034906.D
Acq On : 01 Oct 2019 22:28
Operator : JC/SP
Sample : K5028-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM9

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

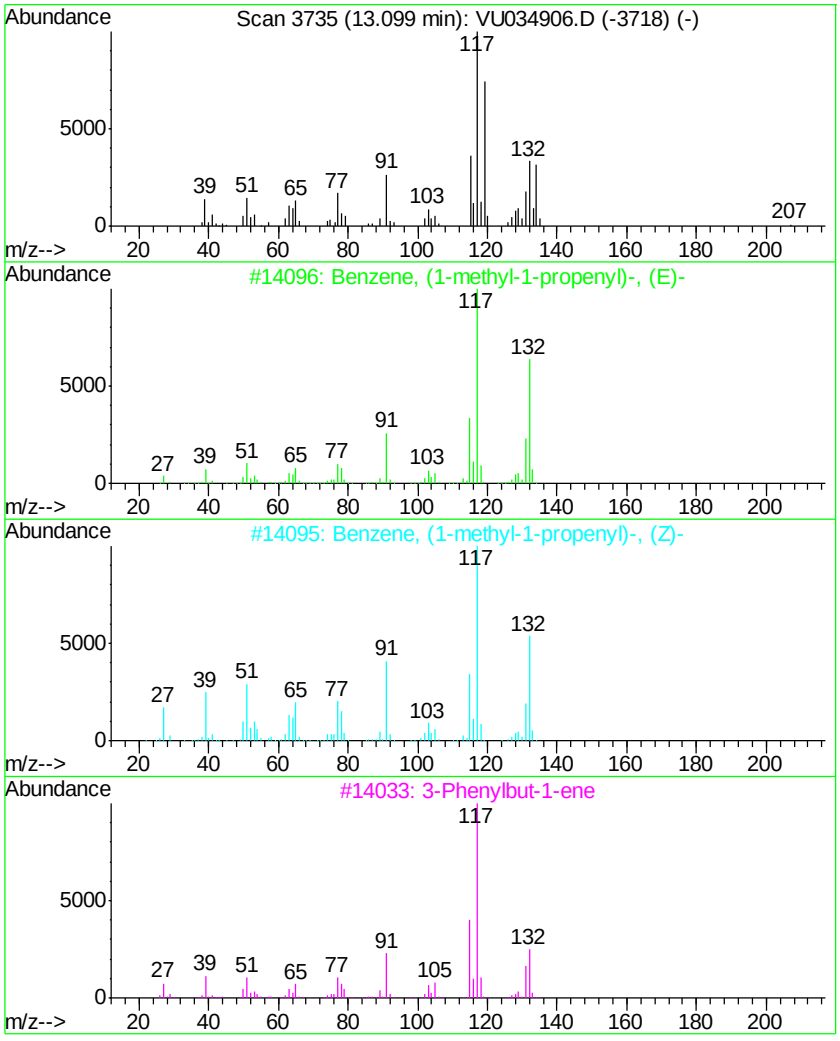
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

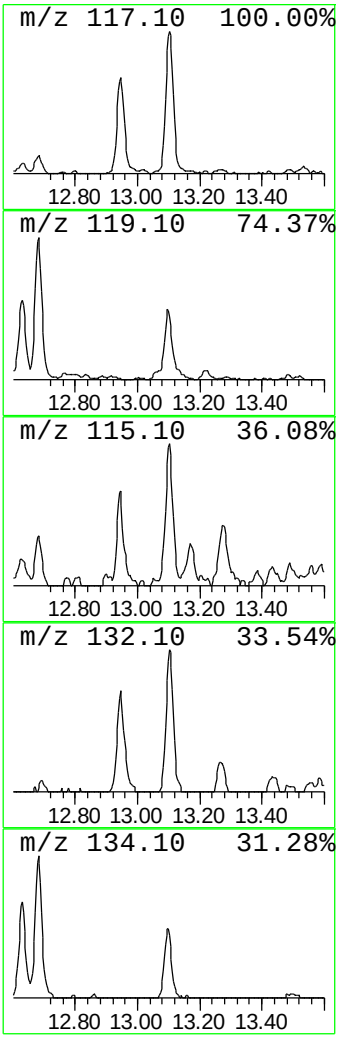
****

Peak Number 16 Benzene, (1-methyl-1-propen... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	4.75 ug/L	99536	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	60
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	60
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	55
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	55
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034906.D
Acq On : 01 Oct 2019 22:28
Operator : JC/SP
Sample : K5028-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM9

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	6.8	ug/L	128462	1	5.86	947446	50.0
n-Propyl acetate	6.68	93.7	ug/L	1774780	1	5.86	947446	50.0
Propanoic acid, 1...	7.40	15.9	ug/L	301492	1	5.86	947446	50.0
Propanoic acid, 2...	8.13	16.9	ug/L	457260	2	9.07	1353340	50.0
Propanoic acid, p...	8.40	28.3	ug/L	767040	2	9.07	1353340	50.0
Butanoic acid, 1-...	8.88	34.0	ug/L	921380	2	9.07	1353340	50.0
Benzene, propyl-	10.57	3.2	ug/L	67591	3	11.46	1047740	50.0
Benzene, 1-ethyl-...	10.95	7.6	ug/L	158387	3	11.46	1047740	50.0
Benzene, 1,2,3-tr...	11.13	27.5	ug/L	575747	3	11.46	1047740	50.0
Benzene, 1,2,4-tr...	11.55	8.2	ug/L	172064	3	11.46	1047740	50.0
Indane	11.74	10.6	ug/L	221755	3	11.46	1047740	50.0
Benzene, 2-ethyl-...	12.13	4.4	ug/L	91715	3	11.46	1047740	50.0
1-Phenyl-1-butene	12.33	3.3	ug/L	68101	3	11.46	1047740	50.0
Benzene, 1,2,3,4-...	12.68	3.5	ug/L	73584	3	11.46	1047740	50.0
Benzene, (1-methy...	13.10	4.8	ug/L	99536	3	11.46	1047740	50.0