LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100219\
Data File : VU034899.D
Acq On : 01 Oct 2019 19:44
Operator : JC/SP
Sample : K5028-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK2

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	33	rBV2	9170	10216	0.12%	0.038%
2	1.396	87	95	104	rBV	161389	173105	1.96%	0.652%
3	1.466	110	117	126	rBV	65793	71424	0.81%	0.269%
4	1.547	135	142	153	rVB2	10752	15304	0.17%	0.058%
5	1.672	173	181	197	rVB	137152	175843	2.00%	0.662%
6	2.087	306	310	311	rBV2	1815	1316	0.01%	0.005%
7	2.260	352	364	373	rBV	269458	414323	4.70%	1.560%
8	2.309	373	379	396	rVB	80997	129792	1.47%	0.489%
9	2.434	411	418	423	rBV	2245	3139	0.04%	0.012%
10	2.608	465	472	482	rBV3	2063	3480	0.04%	0.013%
11	2.685	482	496	529	rBV	4903410	8813412	100.00%	33.188%
12	3.167	633	646	664	rBV2	14866	32775	0.37%	0.123%
13	3.408	716	721	724	rVV5	1146	1188	0.01%	0.004%
14	3.550	755	765	779	rVB5	3068	8171	0.09%	0.031%
15	3.984	893	900	902	rBV5	1002	1096	0.01%	0.004%
16	4.090	922	933	939	rBV8	799	1572	0.02%	0.006%
17	4.154	939	953	974	rBV2	153848	419262	4.76%	1.579%
18	4.624	1082	1099	1124	rBV2	231348	551336	6.26%	2.076%
19	4.968	1198	1206	1209	rBV6	1445	1932	0.02%	0.007%
20	5.318	1289	1315	1353	rBV2	469560	1439260	16.33%	5.420%
21	5.530	1369	1381	1411	rVV	45541	103747	1.18%	0.391%
22	5.865	1466	1485	1502	rBV	473284	994692	11.29%	3.746%
23	6.309	1608	1623	1644	rBV	334738	672417	7.63%	2.532%
24	6.405	1647	1653	1666	rVB2	6731	14786	0.17%	0.056%
25	6.566	1694	1703	1705	rBV	8508	12617	0.14%	0.048%
26	6.685	1728	1740	1771	rBV	918555	1675434	19.01%	6.309%
27	6.836	1782	1787	1803	rVB6	8630	16815	0.19%	0.063%
28	7.206	1890	1902	1921	rBV	184004	339800	3.86%	1.280%
29	7.402	1951	1963	1973	rBV	121931	206916	2.35%	0.779%
30	7.543	1994	2007	2025	rBV	649700	1141767	12.95%	4.299%
31	7.829	2085	2096	2119	rBV	149218	275753	3.13%	1.038%
32	8.135	2179	2191	2208	rBV	205360	343489	3.90%	1.293%
33	8.241	2209	2224	2230	rVV5	27755	61664	0.70%	0.232%
34	8.289	2230	2239	2262	rVV	573566	1060214	12.03%	3.992%

LSC Area Percent Report

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Operator : JC/SP
Sample : K5028-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK2

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	8.395	2262	2272	2301	rVV	348298	596964	6.77%	2.248%
36	8.511	2301	2308	2322	rVB2	12633	24264	0.28%	0.091%
37	8.884	2409	2424	2448	rBV	432338	696499	7.90%	2.623%
38	9.067	2461	2481	2507	rBV	671920	1160582	13.17%	4.370%
39	9.231	2522	2532	2547	rVB	46558	74480	0.85%	0.280%
40	9.353	2554	2570	2588	rBV	150745	260746	2.96%	0.982%
41	9.588	2635	2643	2653	rBV3	10041	16216	0.18%	0.061%
42	9.755	2681	2695	2716	rBV3	124751	233597	2.65%	0.880%
43	9.916	2734	2745	2746	rBV7	2305	3203	0.04%	0.012%
44	10.144	2806	2816	2829	rBV	20380	33506	0.38%	0.126%
45	10.299	2858	2864	2865	rBV4	1311	1211	0.01%	0.005%
46	10.408	2886	2898	2923	rBV	460999	757674	8.60%	2.853%
47	10.566	2936	2947	2963	rBV2	25972	43666	0.50%	0.164%
48	10.659	2967	2976	2983	rBV	30927	56366	0.64%	0.212%
49	10.749	2996	3004	3014	rBV	20054	29223	0.33%	0.110%
50	10.900	3043	3051	3057	rBV4	4372	6700	0.08%	0.025%
51	10.951	3057	3067	3087	rVB	41966	68657	0.78%	0.259%
52	11.074	3100	3105	3109	rBV5	1232	1464	0.02%	0.006%
53	11.125	3110	3121	3141	rVB	118697	190370	2.16%	0.717%
54	11.267	3158	3165	3169	rBV5	2041	2707	0.03%	0.010%
55	11.302	3169	3176	3189	rVB4	8683	13539	0.15%	0.051%
56	11.366	3189	3196	3199	rBV4	1359	1441	0.02%	0.005%
57	11.402	3201	3207	3213	rBV6	3104	4338	0.05%	0.016%
58	11.459	3213	3225	3244	rBV	610452	1016445	11.53%	3.827%
59	11.549	3244	3253	3266	rVB	67945	108078	1.23%	0.407%
60	11.742	3302	3313	3331	rBV2	72133	133044	1.51%	0.501%
61	11.836	3331	3342	3368	rVB	621982	1051360	11.93%	3.959%
62	11.955	3374	3379	3388	rVB8	5098	7897	0.09%	0.030%
63	12.035	3394	3404	3416	rVB2	7638	14297	0.16%	0.054%
64	12.125	3419	3432	3437	rBV2	15965	26424	0.30%	0.100%
65	12.154	3437	3441	3453	rVB2	13256	19282	0.22%	0.073%
66	12.231	3453	3465	3473	rBV2	29778	51290	0.58%	0.193%
67	12.331	3487	3496	3519	rVB3	22348	46249	0.52%	0.174%
68	12.475	3537	3541	3547	rVB6	1248	1700	0.02%	0.006%
69	12.533	3547	3559	3570	rBV4	9387	16465	0.19%	0.062%
70	12.594	3572	3578	3581	rVV4	6218	7798	0.09%	0.029%
71	12.630	3582	3589	3597	rVV	22360	36859	0.42%	0.139%

LSC Area Percent Report

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Acq On : 01 Oct 2019 19:44
Operator : JC/SP
Sample : K5028-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK2

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	12.681	3597	3605	3617	rVB	31088	49559	0.56%	0.187%
73	12.771	3627	3633	3637	rVV6	2761	2656	0.03%	0.010%
74	12.877	3656	3666	3679	rBV8	19076	36637	0.42%	0.138%
75	12.945	3679	3687	3700	rVB3	18060	29459	0.33%	0.111%
76	13.102	3720	3736	3750	rBV3	58543	104334	1.18%	0.393%
77	13.276	3781	3790	3799	rBV4	10530	18025	0.20%	0.068%
78	13.376	3810	3821	3832	rBV9	9296	16692	0.19%	0.063%
79	13.437	3832	3840	3848	rVB5	5809	8756	0.10%	0.033%
80	13.488	3849	3856	3864	rBV6	8547	13516	0.15%	0.051%
81	13.562	3873	3879	3882	rBV7	2516	2758	0.03%	0.010%
82	13.588	3882	3887	3895	rVV6	3635	5308	0.06%	0.020%
83	13.726	3918	3930	3952	rBV	41880	88335	1.00%	0.333%
84	13.829	3956	3962	3965	rBV6	2176	2369	0.03%	0.009%
85	13.926	3984	3992	4004	rBV10	3927	7850	0.09%	0.030%
86	13.993	4007	4013	4023	rVB9	2431	3915	0.04%	0.015%
87	14.135	4048	4057	4067	rBV5	4795	8137	0.09%	0.031%
88	14.263	4091	4097	4103	rVB7	820	1040	0.01%	0.004%
89	14.318	4105	4114	4124	rBV8	6223	10972	0.12%	0.041%
90	14.453	4148	4156	4160	rBV6	3102	4194	0.05%	0.016%
91	14.517	4171	4176	4186	rVB9	3740	6429	0.07%	0.024%
92	14.627	4205	4210	4214	rBV5	1808	1851	0.02%	0.007%
93	14.807	4263	4266	4274	rVB4	1701	1994	0.02%	0.008%
94	14.864	4274	4284	4300	rBV2	12443	27700	0.31%	0.104%
95	15.045	4330	4340	4356	rBV3	34973	66268	0.75%	0.250%
96	15.649	4525	4528	4533	rBV5	1162	1155	0.01%	0.004%
97	15.733	4546	4554	4565	rBV5	10595	21828	0.25%	0.082%
98	15.826	4579	4583	4587	rBV5	1368	1028	0.01%	0.004%
99	16.041	4647	4650	4656	rBV7	1827	1999	0.02%	0.008%
100	16.726	4854	4863	4873	rBV7	4852	8954	0.10%	0.034%

Sum of corrected areas: 26556376

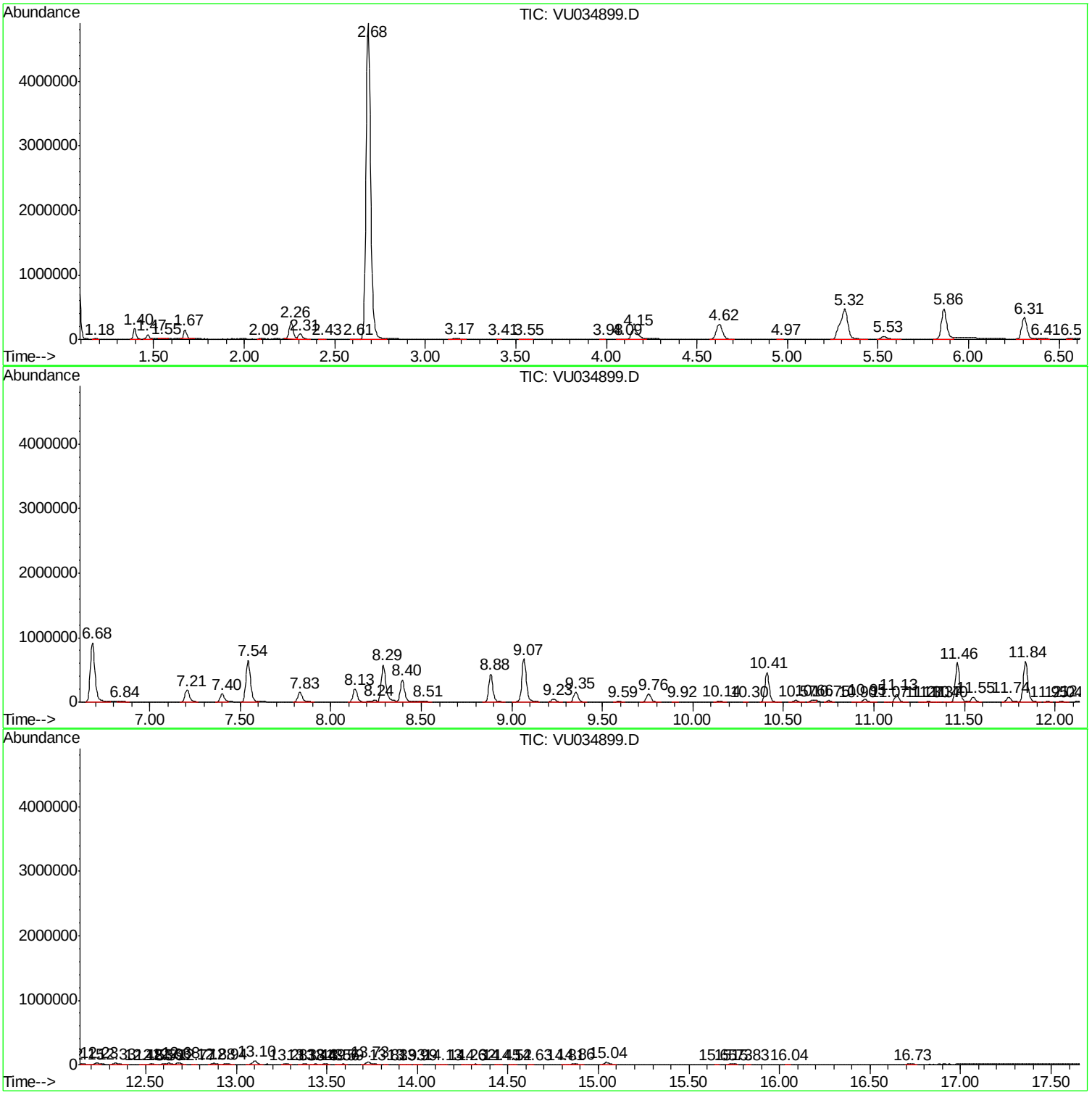
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034899.D
Acq On : 01 Oct 2019 19:44
Operator : JC/SP
Sample : K5028-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK2

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 : VU034899.D
Acq On : 01 Oct 2019 19:44
Operator : JC/SP
Sample : K5028-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK2

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

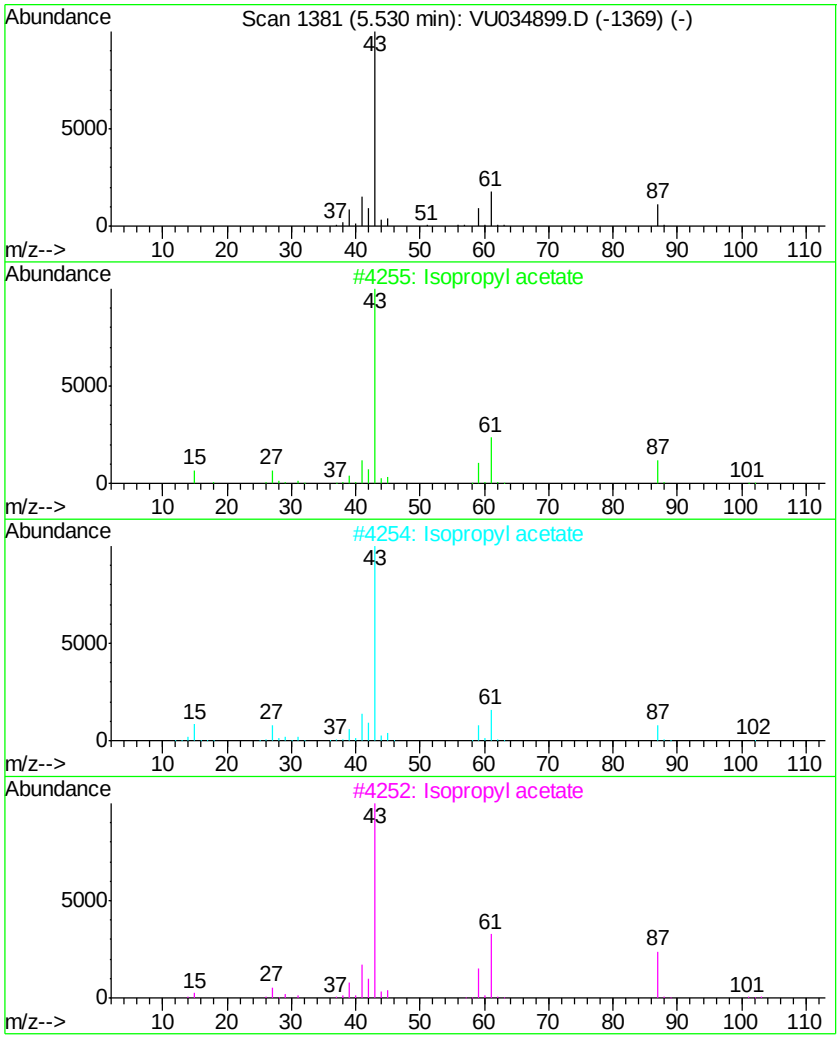
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

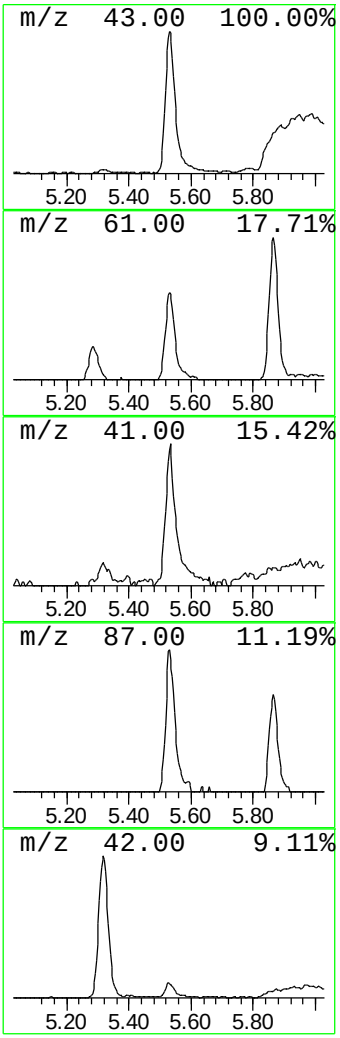
****

Peak Number 2 Isopropyl acetate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.53	5.22 ug/L	103747	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	83
3	Isopropyl acetate	102	C5H10O2	000108-21-4	78
4	Isopropyl acetate	102	C5H10O2	000108-21-4	64
5	Acetamide, N-acetyl-N-methyl-	115	C5H9NO2	001113-68-4	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100219\
Data File : VU034899.D
Acq On : 01 Oct 2019 19:44
Operator : JC/SP
Sample : K5028-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK2

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

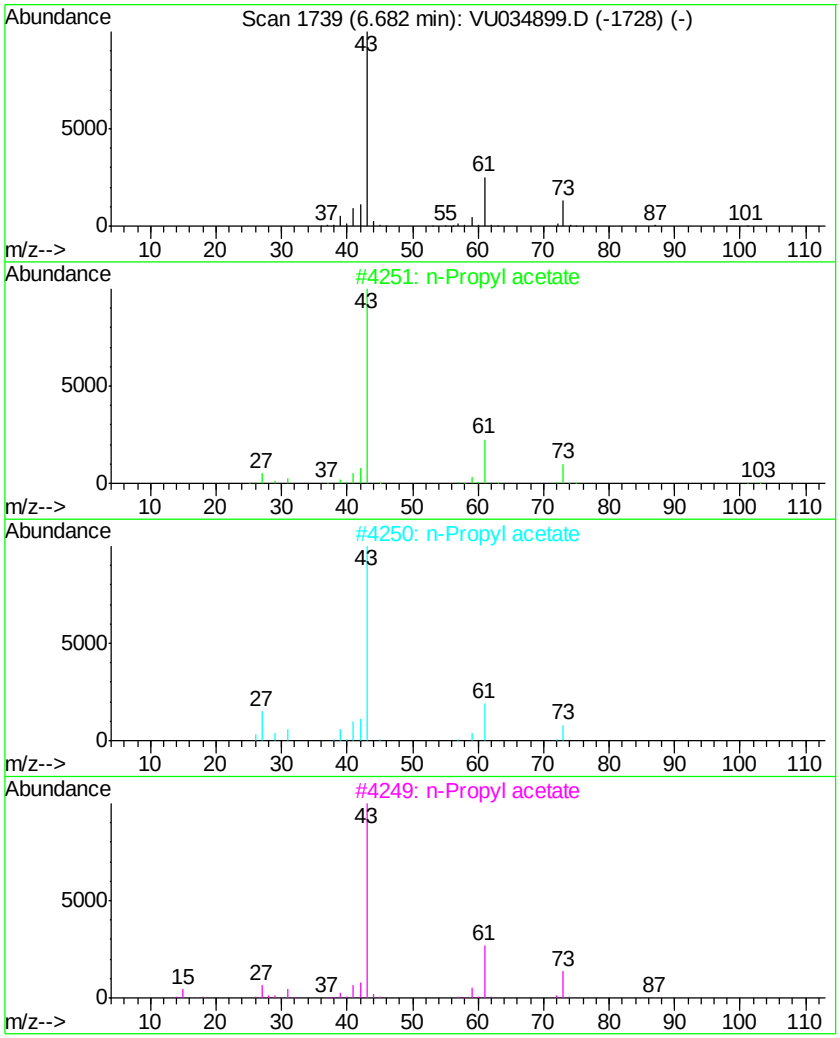
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

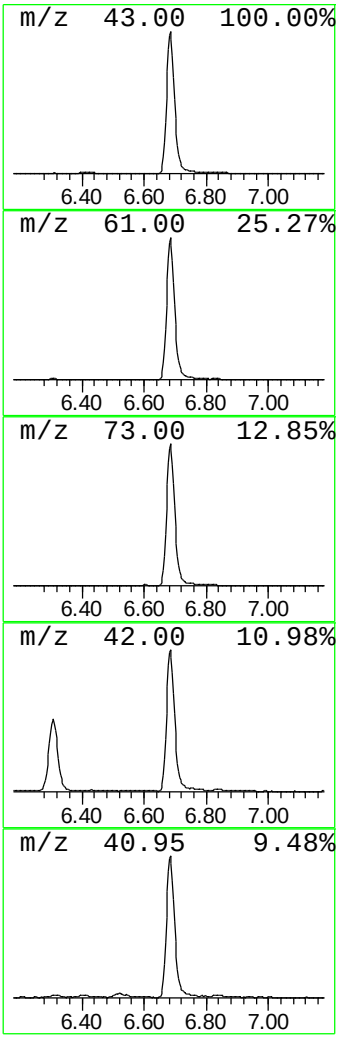
****

Peak Number 3 n-Propyl acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	84.22 ug/L	1675430	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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100219\
Data File : VU034899.D
Acq On : 01 Oct 2019 19:44
Operator : JC/SP
Sample : K5028-01
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ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK2

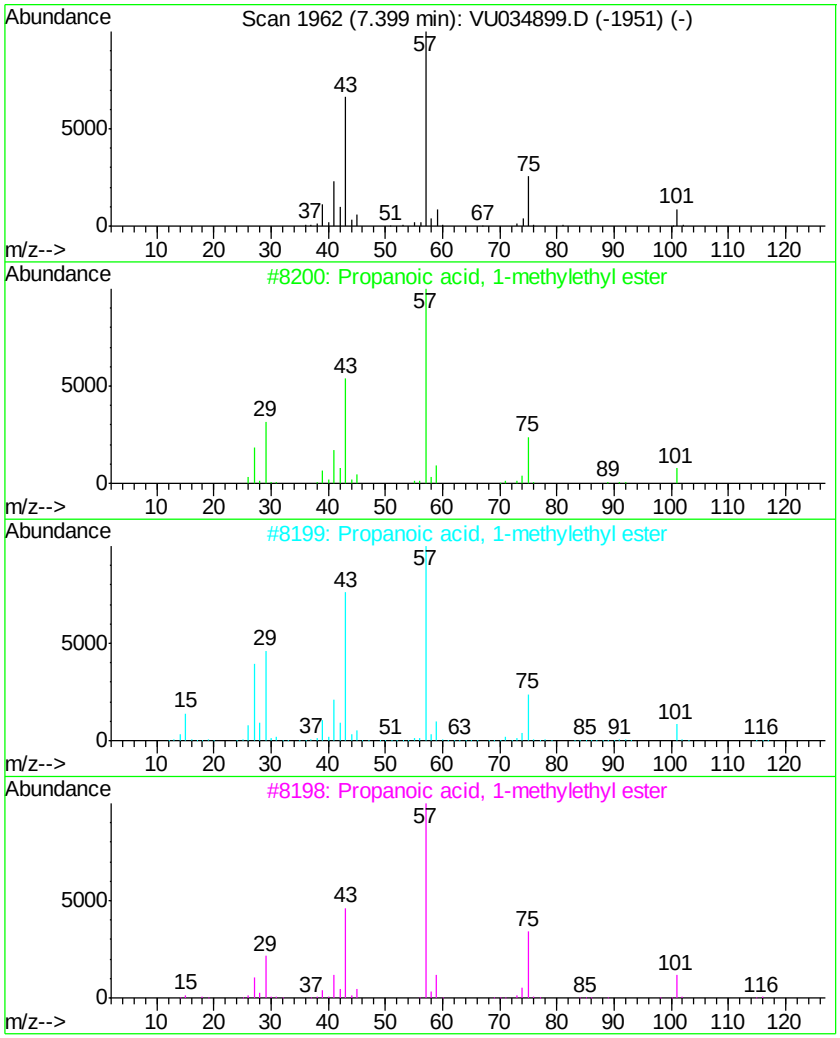
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis

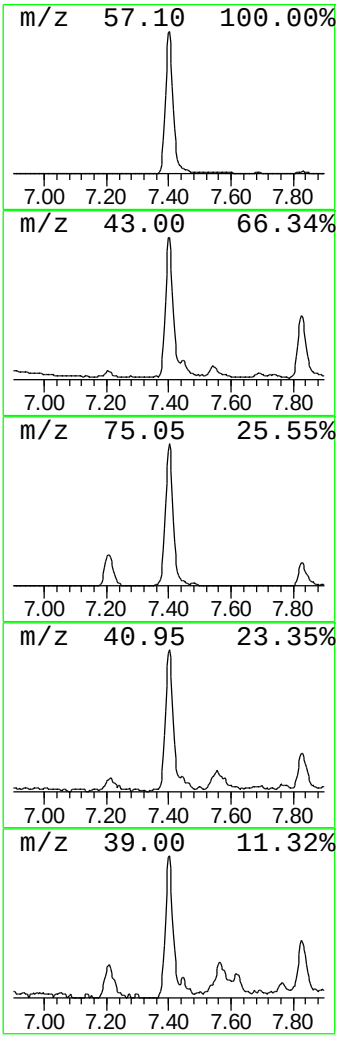
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Propanoic acid, 1-methyleth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	10.40 ug/L	206916	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	90
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	45





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034899.D
Acq On : 01 Oct 2019 19:44
Operator : JC/SP
Sample : K5028-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK2

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

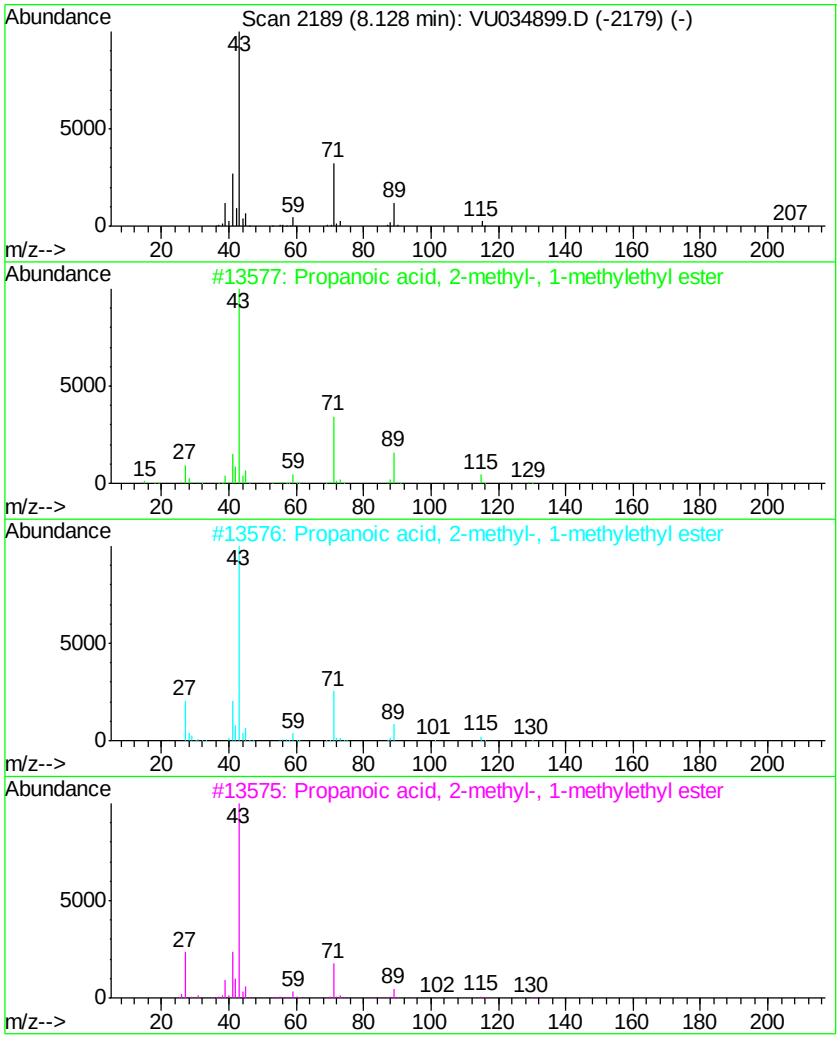
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

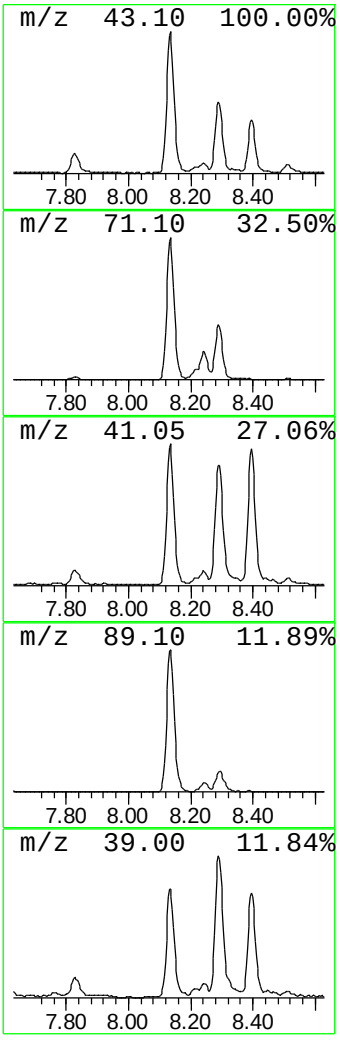
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	14.80 ug/L	343489	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	78
4	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	78
5	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100219\
Data File : VU034899.D
Acq On : 01 Oct 2019 19:44
Operator : JC/SP
Sample : K5028-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK2

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

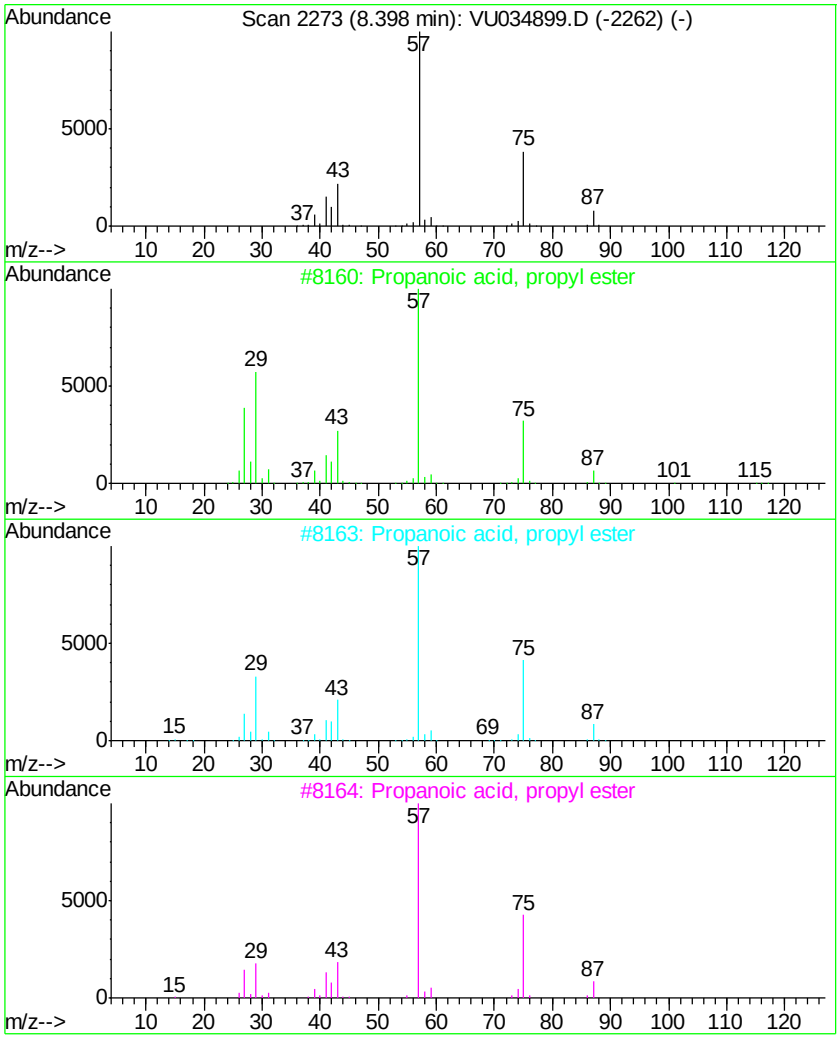
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

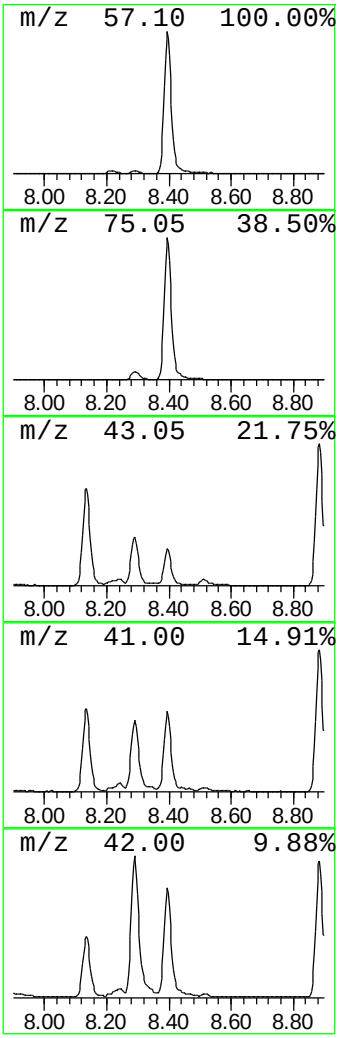
****

Peak Number 7 Propanoic acid, propyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	25.72 ug/L	596964	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	78
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	74
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 : VU034899.D
Acq On : 01 Oct 2019 19:44
Operator : JC/SP
Sample : K5028-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK2

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

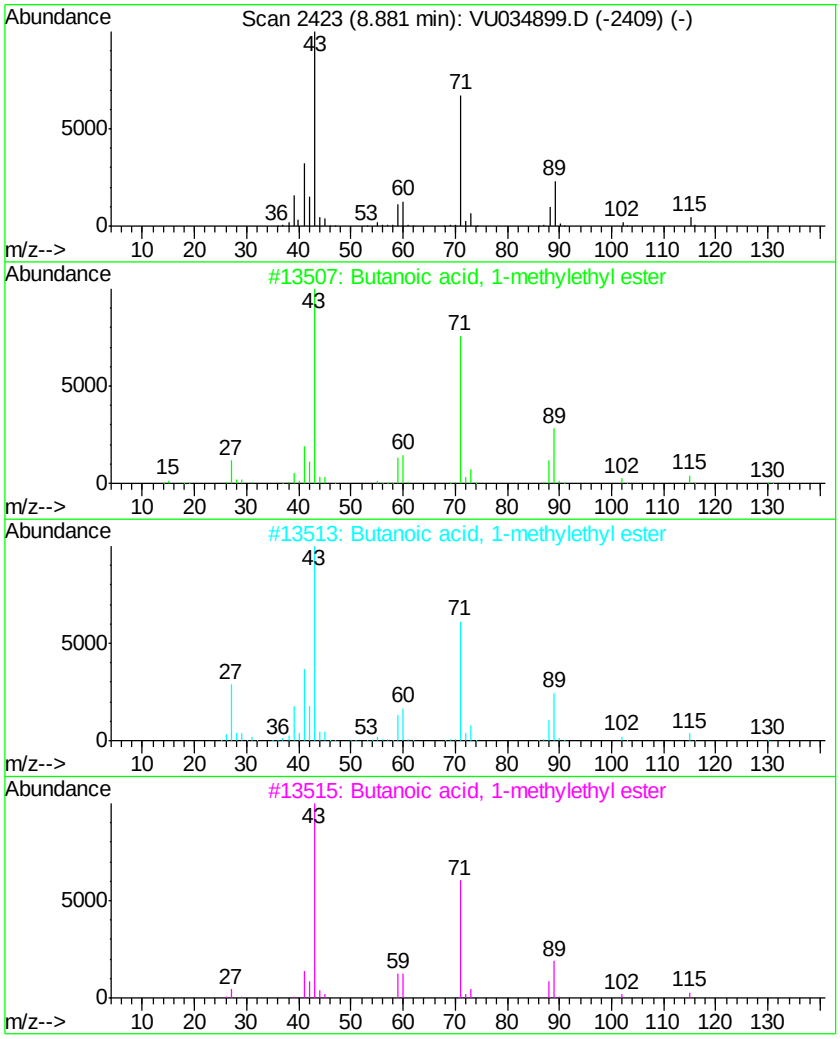
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

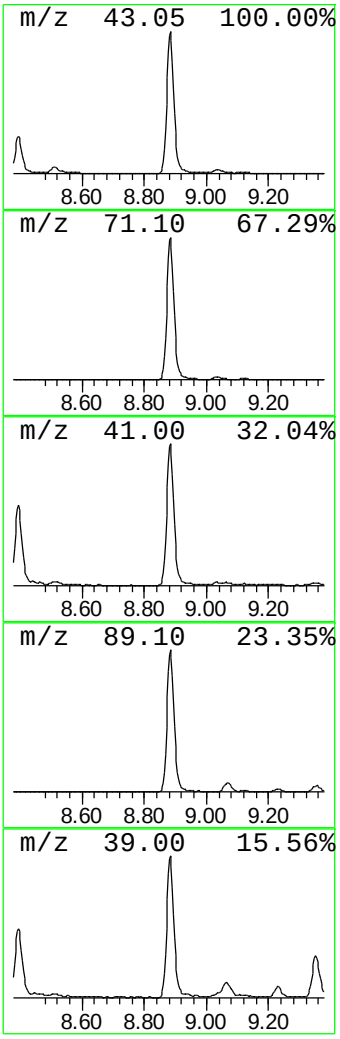
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	30.01 ug/L	696499	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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034899.D
Acq On : 01 Oct 2019 19:44
Operator : JC/SP
Sample : K5028-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK2

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

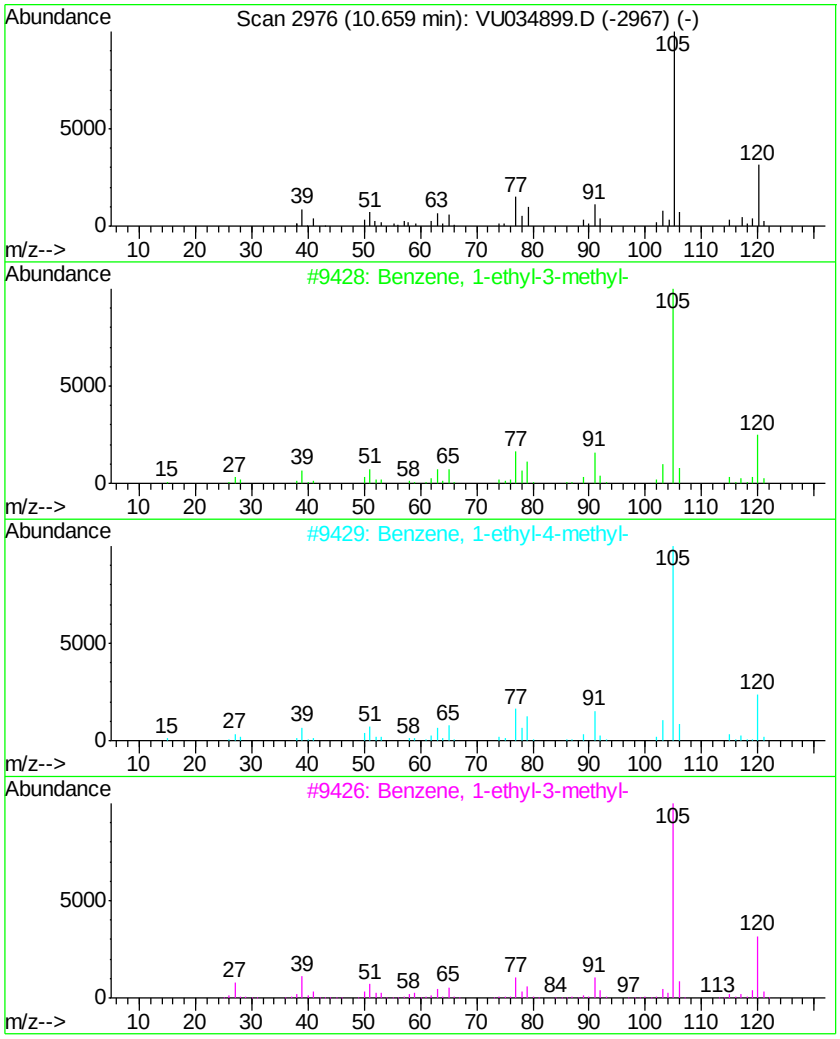
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

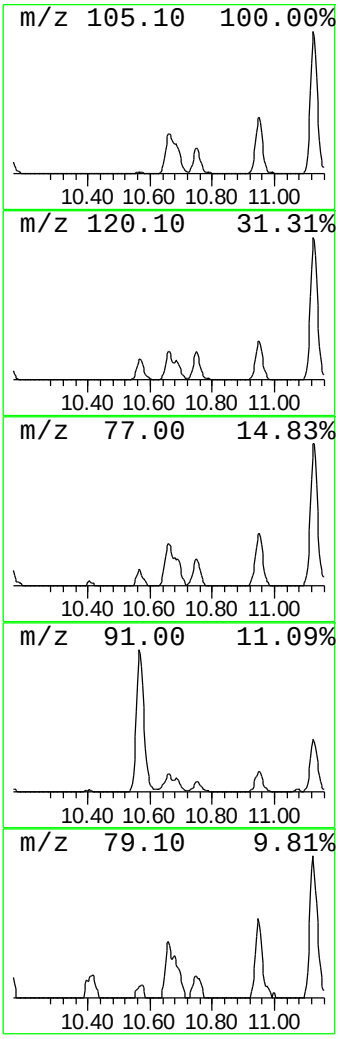
****

Peak Number 9 Benzene, 1-ethyl-3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	2.77 ug/L	56366	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034899.D
Acq On : 01 Oct 2019 19:44
Operator : JC/SP
Sample : K5028-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK2

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

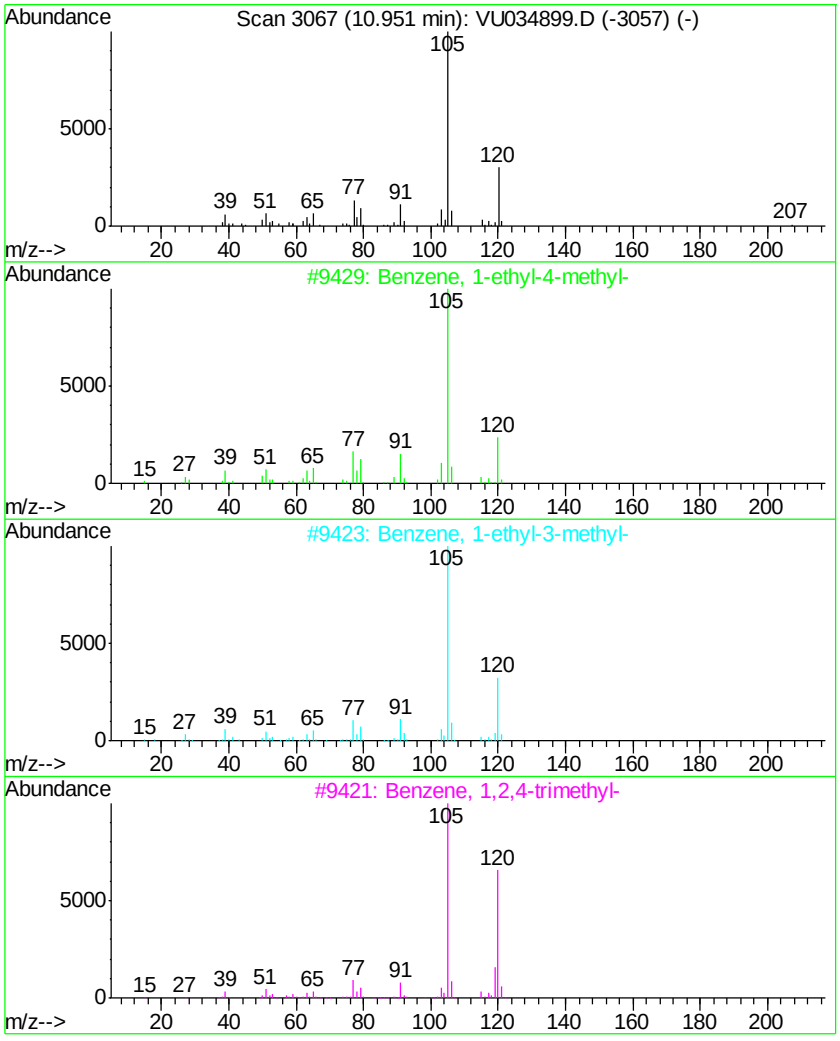
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

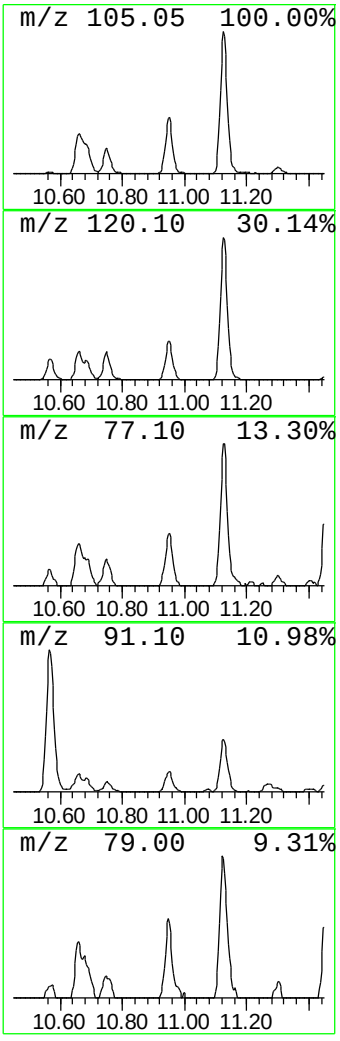
****

Peak Number 10 Benzene, 1-ethyl-4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	3.38 ug/L	68657	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Data File : VU034899.D
Acq On : 01 Oct 2019 19:44
Operator : JC/SP
Sample : K5028-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK2

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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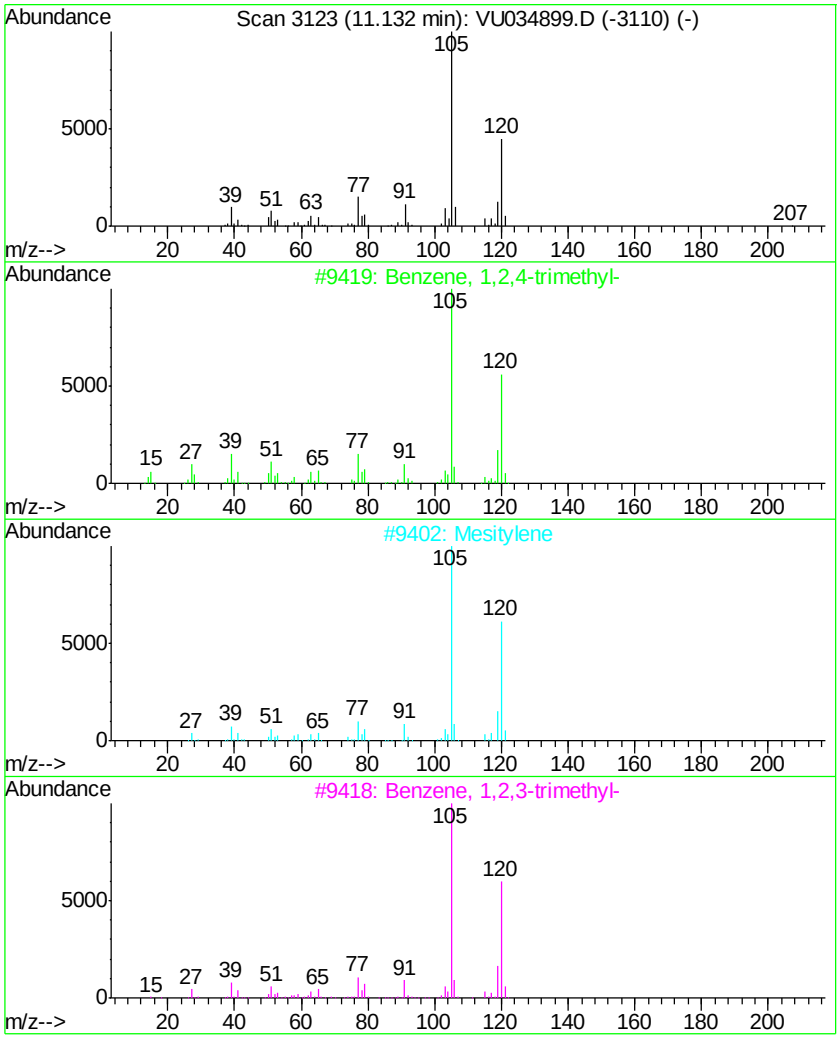
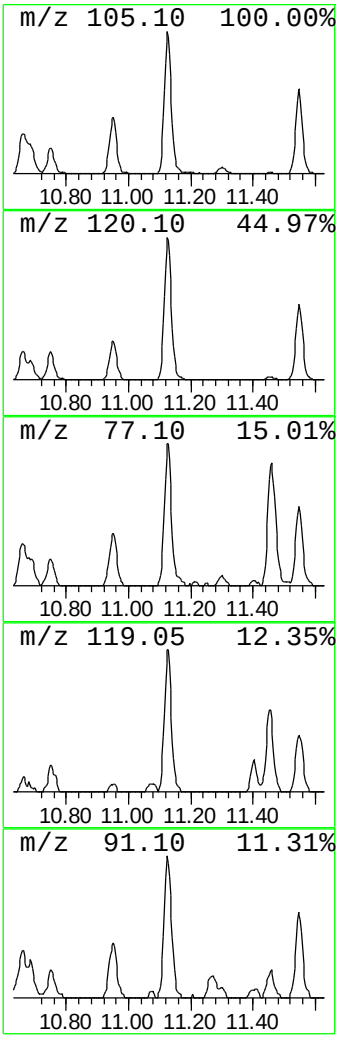
Peak Number 11 Benzene, 1,2,4-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	9.36 ug/L	190370	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	Mesitylene	120	C9H12	000108-67-8	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
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 : VU034899.D
Acq On : 01 Oct 2019 19:44
Operator : JC/SP
Sample : K5028-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK2

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

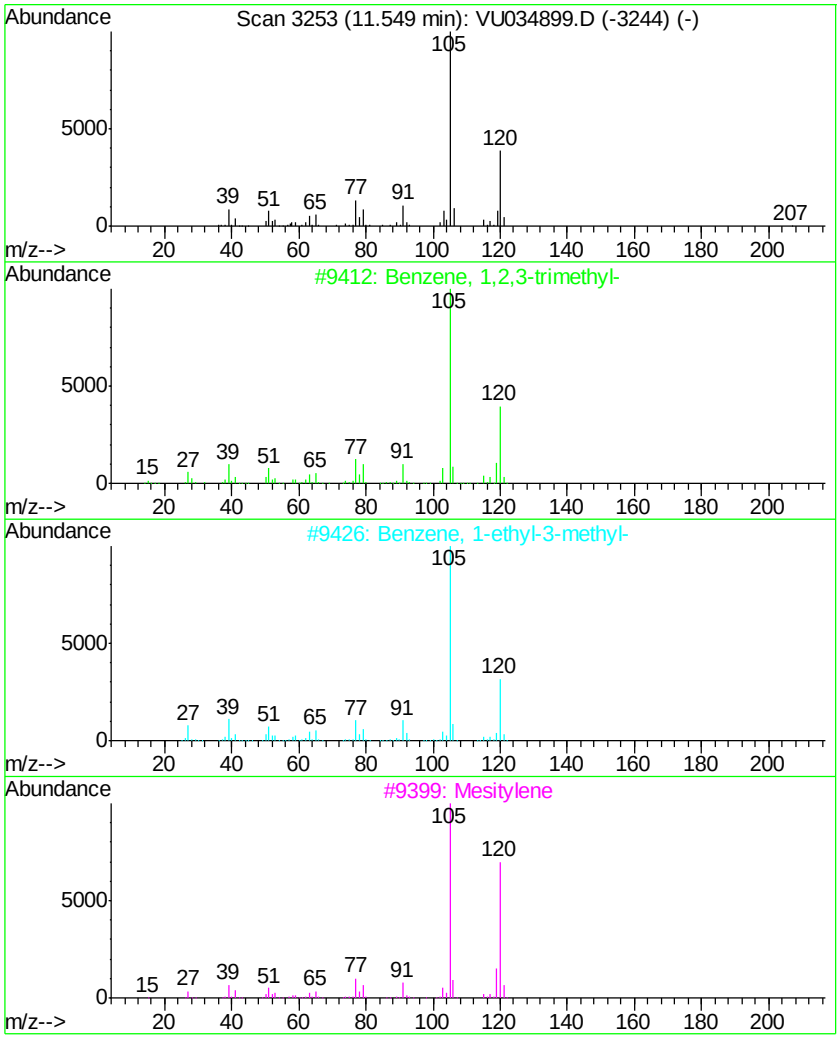
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

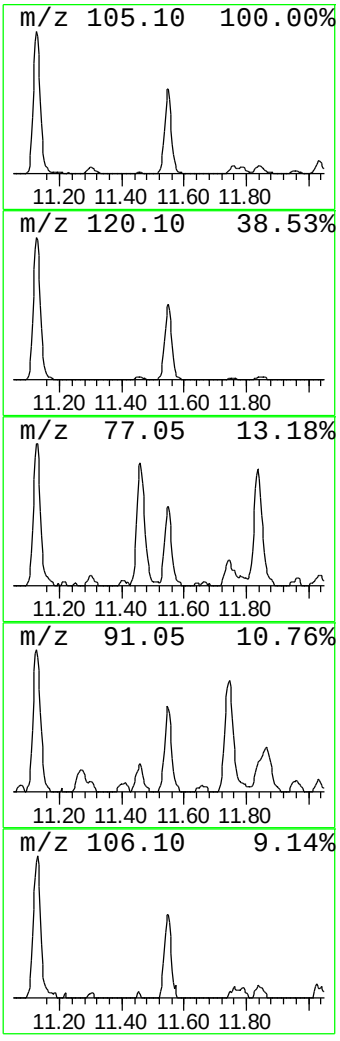
****

Peak Number 12 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	5.32 ug/L	108078	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	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034899.D
Acq On : 01 Oct 2019 19:44
Operator : JC/SP
Sample : K5028-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK2

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

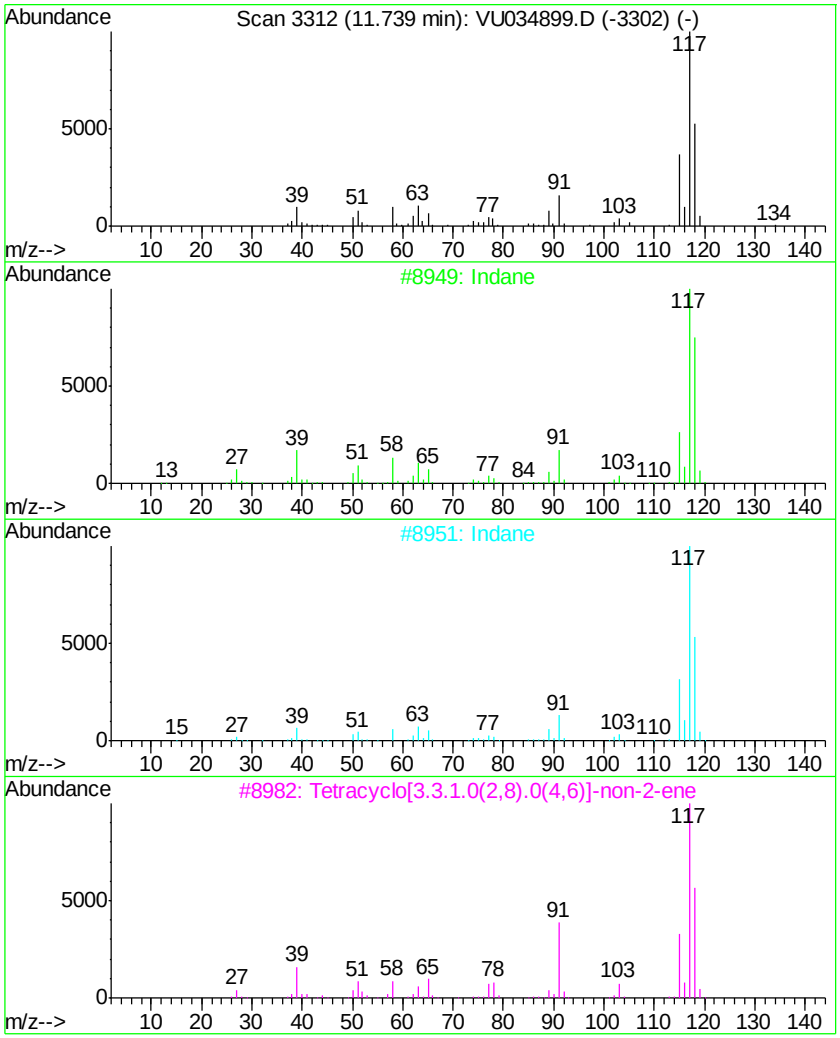
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

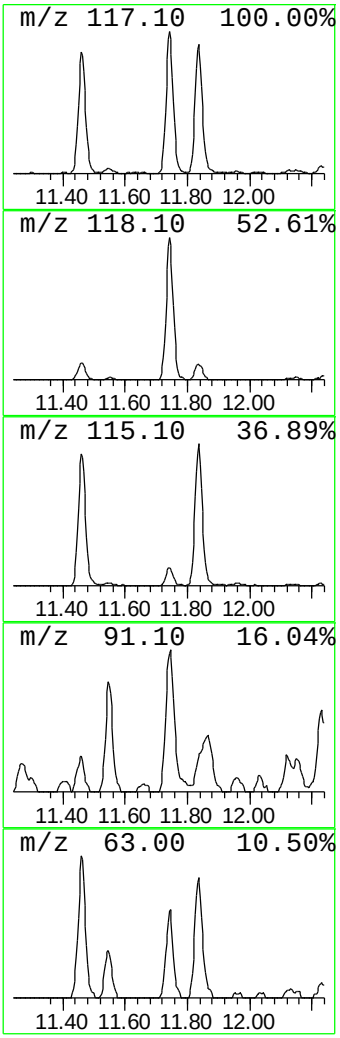
****

Peak Number 13 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	6.54 ug/L	133044	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	96
2	Indane	118	C9H10	000496-11-7	94
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	83
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034899.D
Acq On : 01 Oct 2019 19:44
Operator : JC/SP
Sample : K5028-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK2

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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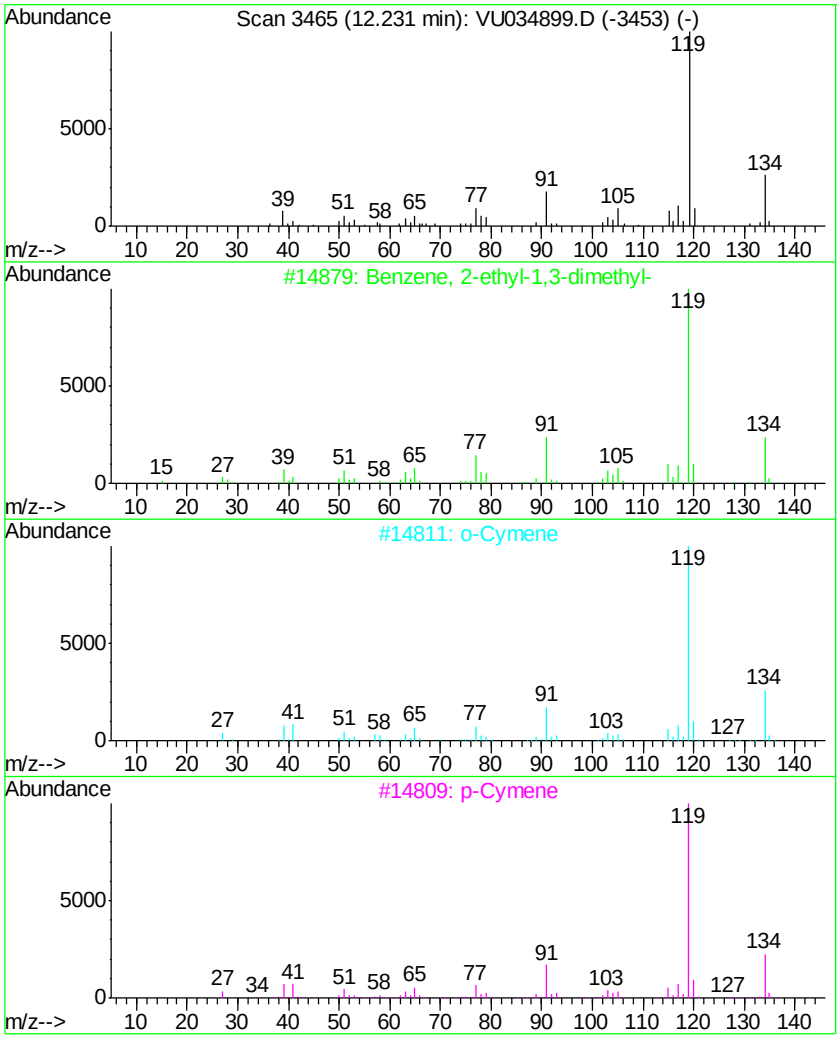
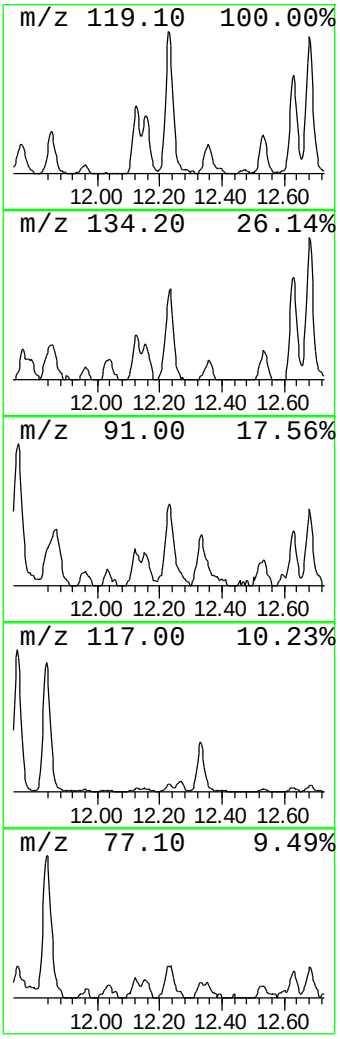
Peak Number 14 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	2.52 ug/L	51290	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
2	o-Cymene	134	C10H14	000527-84-4	94
3	p-Cymene	134	C10H14	000099-87-6	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034899.D
Acq On : 01 Oct 2019 19:44
Operator : JC/SP
Sample : K5028-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK2

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

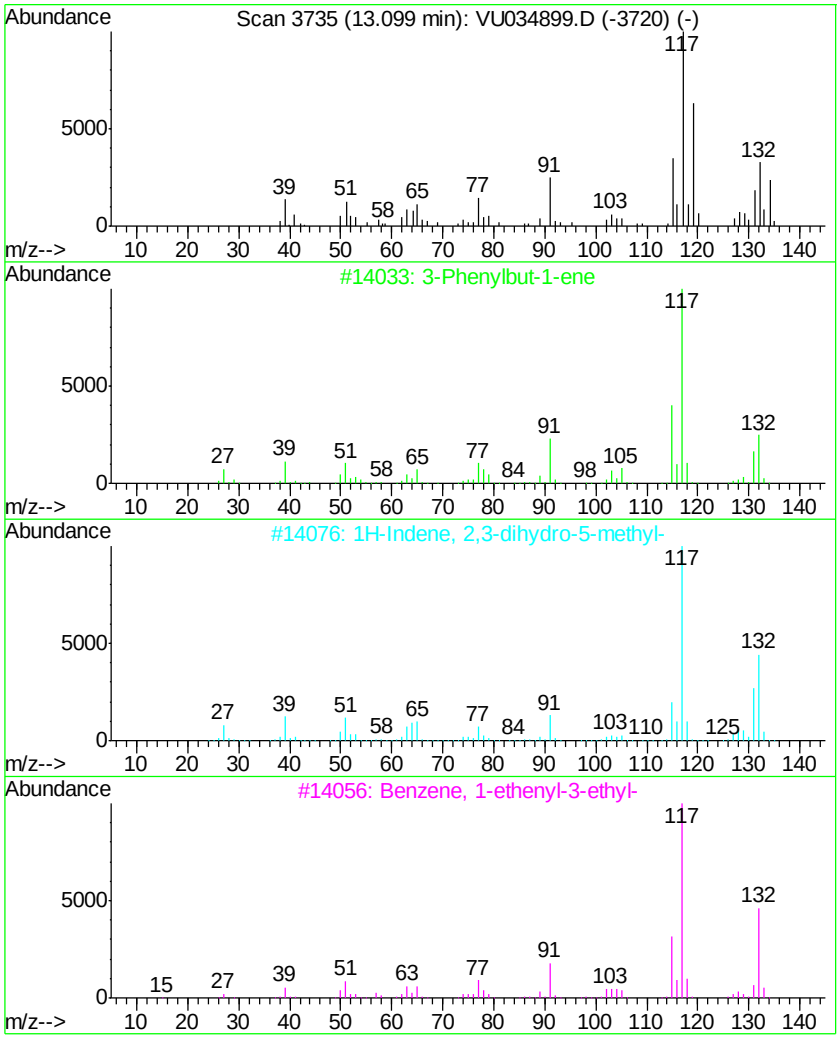
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

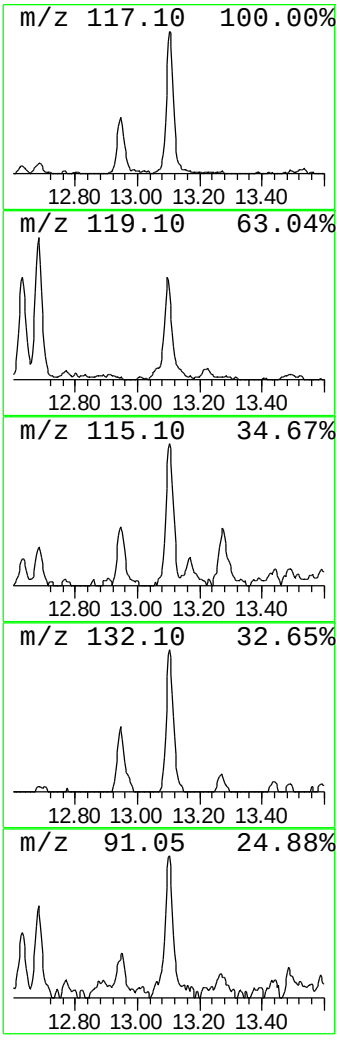
****

Peak Number 15 3-Phenylbut-1-ene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	5.13 ug/L	104334	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034899.D
Acq On : 01 Oct 2019 19:44
Operator : JC/SP
Sample : K5028-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK2

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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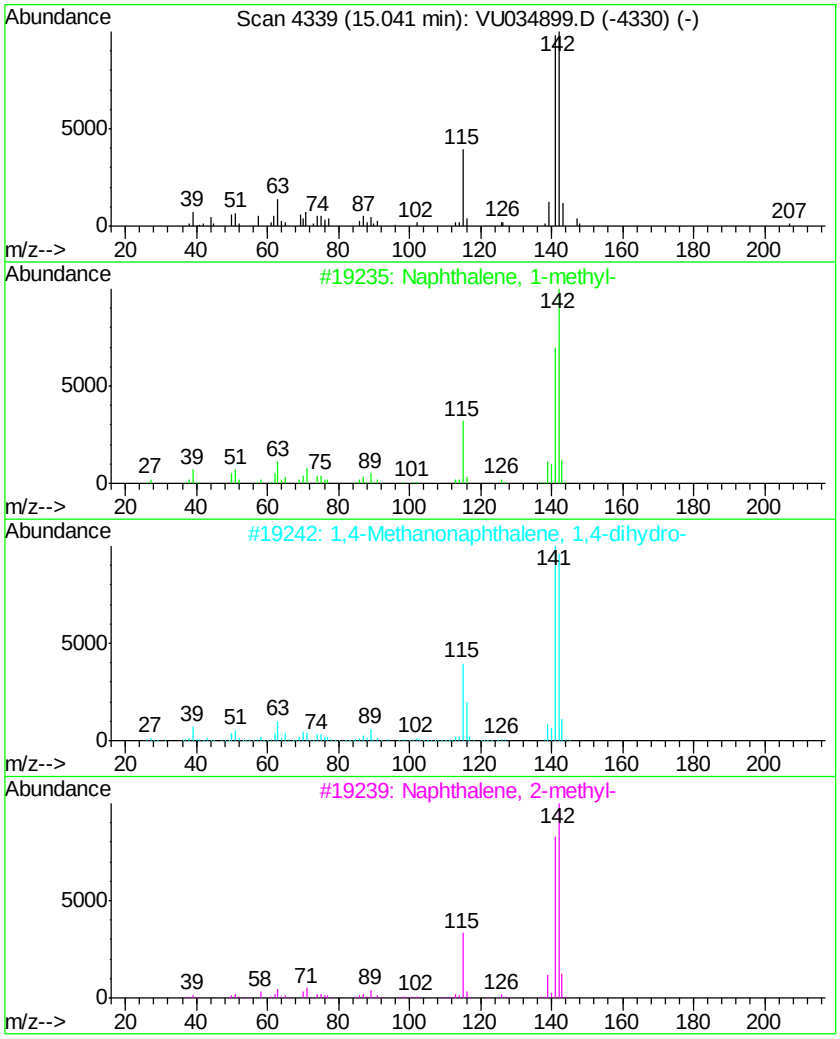
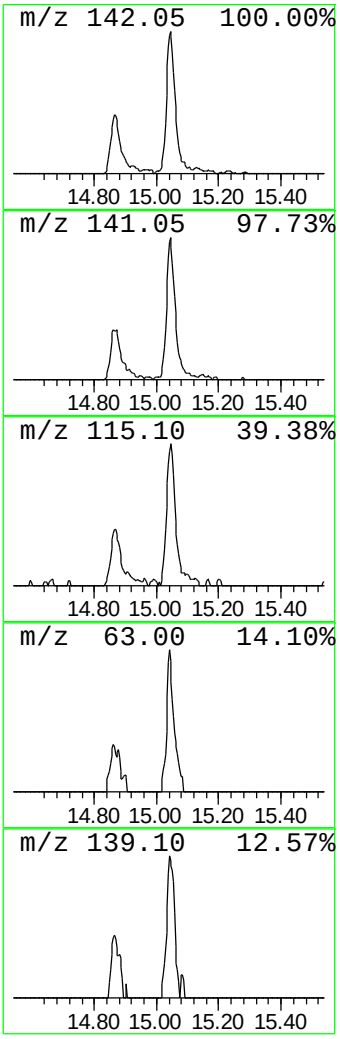
Peak Number 17 Naphthalene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	3.26 ug/L	66268	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
4	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034899.D
Acq On : 01 Oct 2019 19:44
Operator : JC/SP
Sample : K5028-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK2

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	5.2	ug/L	103747	1	5.86	994692	50.0
n-Propyl acetate	6.68	84.2	ug/L	1675430	1	5.86	994692	50.0
Propanoic acid, 1...	7.40	10.4	ug/L	206916	1	5.86	994692	50.0
Propanoic acid, 2...	8.13	14.8	ug/L	343489	2	9.07	1160580	50.0
Propanoic acid, p...	8.40	25.7	ug/L	596964	2	9.07	1160580	50.0
Butanoic acid, 1-...	8.88	30.0	ug/L	696499	2	9.07	1160580	50.0
Benzene, 1-ethyl-...	10.66	2.8	ug/L	56366	3	11.46	1016450	50.0
Benzene, 1-ethyl-...	10.95	3.4	ug/L	68657	3	11.46	1016450	50.0
Benzene, 1,2,4-tr...	11.13	9.4	ug/L	190370	3	11.46	1016450	50.0
Benzene, 1,2,3-tr...	11.55	5.3	ug/L	108078	3	11.46	1016450	50.0
Indane	11.74	6.5	ug/L	133044	3	11.46	1016450	50.0
Benzene, 2-ethyl-...	12.23	2.5	ug/L	51290	3	11.46	1016450	50.0
3-Phenylbut-1-ene	13.10	5.1	ug/L	104334	3	11.46	1016450	50.0
Naphthalene, 1-me...	15.04	3.3	ug/L	66268	3	11.46	1016450	50.0