LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100219\
Data File : VU034895.D
Acq On : 01 Oct 2019 18:10
Operator : JC/SP
Sample : K5028-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK3

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	7650	7263	0.08%	0.028%
2	1.392	87	94	106	rBV	164523	170328	1.83%	0.652%
3	1.466	110	117	127	rBV	39823	43134	0.46%	0.165%
4	1.543	134	141	152	rVB	13297	16744	0.18%	0.064%
5	1.672	173	181	193	rVB	135787	171708	1.85%	0.657%
6	2.257	351	363	372	rBV	270444	415184	4.46%	1.588%
7	2.309	372	379	396	rVB	50111	81641	0.88%	0.312%
8	2.434	412	418	419	rBV4	1203	1252	0.01%	0.005%
9	2.611	464	473	480	rBV2	2377	3593	0.04%	0.014%
10	2.685	480	496	528	rBV	5150875	9300883	100.00%	35.585%
11	3.164	635	645	666	rVB2	8427	19678	0.21%	0.075%
12	3.990	895	902	904	rBV5	1005	1109	0.01%	0.004%
13	4.151	937	952	975	rBV	153589	411936	4.43%	1.576%
14	4.402	1028	1030	1038	rVB5	817	790	0.01%	0.003%
15	4.540	1062	1073	1074	rBV7	1723	2359	0.03%	0.009%
16	4.624	1081	1099	1126	rBV	234544	553623	5.95%	2.118%
17	4.717	1126	1128	1133	rVV4	1523	1364	0.01%	0.005%
18	4.862	1168	1173	1176	rBV3	861	875	0.01%	0.003%
19	4.968	1199	1206	1214	rVB7	1567	2233	0.02%	0.009%
20	5.315	1291	1314	1349	rBV2	471238	1423815	15.31%	5.447%
21	5.530	1370	1381	1405	rBV	45833	101703	1.09%	0.389%
22	5.755	1440	1451	1453	rBV7	1194	1836	0.02%	0.007%
23	5.865	1465	1485	1503	rBV	476558	1043043	11.21%	3.991%
24	6.308	1609	1623	1644	rBV	334312	673640	7.24%	2.577%
25	6.517	1682	1688	1694	rBV4	4079	5515	0.06%	0.021%
26	6.566	1695	1703	1704	rBV5	6743	8378	0.09%	0.032%
27	6.685	1727	1740	1779	rBV	990075	1815881	19.52%	6.947%
28	7.206	1890	1902	1921	rBV	183958	339504	3.65%	1.299%
29	7.318	1935	1937	1941	rVB4	1093	752	0.01%	0.003%
30	7.398	1951	1962	1994	rVB	121675	222414	2.39%	0.851%
31	7.543	1994	2007	2028	rBV	641225	1147120	12.33%	4.389%
32	7.762	2070	2075	2080	rBV6	1430	1872	0.02%	0.007%
33	7.829	2084	2096	2114	rBV	155987	288230	3.10%	1.103%
34	8.135	2178	2191	2208	rBV	221452	371417	3.99%	1.421%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100219\
Data File : VU034895.D
Acq On : 01 Oct 2019 18:10
Operator : JC/SP
Sample : K5028-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK3

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	8.241	2208	2224	2230	rVV4	30243	68998	0.74%	0.264%
36	8.289	2230	2239	2262	rVV	579256	1057891	11.37%	4.047%
37	8.395	2262	2272	2300	rVV	372196	645050	6.94%	2.468%
38	8.508	2301	2307	2327	rVB4	16900	33869	0.36%	0.130%
39	8.884	2412	2424	2442	rBV	461758	741666	7.97%	2.838%
40	9.067	2463	2481	2519	rVB	665481	1152876	12.40%	4.411%
41	9.231	2526	2532	2538	rBV5	2411	2665	0.03%	0.010%
42	9.360	2562	2572	2583	rVB3	10289	17717	0.19%	0.068%
43	9.588	2635	2643	2661	rVV2	9042	18416	0.20%	0.070%
44	9.749	2682	2693	2707	rBV2	58347	106260	1.14%	0.407%
45	9.922	2739	2747	2753	rVV6	2499	4108	0.04%	0.016%
46	10.148	2806	2817	2826	rBV2	11725	18607	0.20%	0.071%
47	10.408	2886	2898	2920	rBV	454128	741845	7.98%	2.838%
48	10.566	2934	2947	2957	rBV2	15251	25206	0.27%	0.096%
49	10.688	2970	2985	2994	rBV3	9792	17292	0.19%	0.066%
50	10.752	2999	3005	3012	rVV7	3624	4708	0.05%	0.018%
51	10.794	3014	3018	3023	rVB5	1015	1016	0.01%	0.004%
52	10.894	3044	3049	3051	rBV4	1248	1099	0.01%	0.004%
53	10.948	3058	3066	3081	rBV	19443	30672	0.33%	0.117%
54	11.125	3111	3121	3138	rVB	74075	119830	1.29%	0.458%
55	11.270	3159	3166	3167	rBV4	2227	2077	0.02%	0.008%
56	11.302	3170	3176	3184	rVB5	5894	7981	0.09%	0.031%
57	11.369	3190	3197	3200	rBV4	1568	1921	0.02%	0.007%
58	11.402	3200	3207	3213	rVV7	2504	3908	0.04%	0.015%
59	11.459	3213	3225	3245	rVV	592651	985666	10.60%	3.771%
60	11.546	3245	3252	3268	rVB2	34826	55517	0.60%	0.212%
61	11.665	3285	3289	3298	rVB8	2397	3254	0.03%	0.012%
62	11.742	3302	3313	3330	rBV2	51720	93403	1.00%	0.357%
63	11.836	3330	3342	3363	rBV	591851	1005056	10.81%	3.845%
64	11.961	3373	3381	3390	rVB10	4402	8199	0.09%	0.031%
65	12.009	3391	3396	3397	rBV4	1153	857	0.01%	0.003%
66	12.035	3398	3404	3411	rVB2	4788	6626	0.07%	0.025%
67	12.125	3423	3432	3437	rBV3	11623	19285	0.21%	0.074%
68	12.154	3437	3441	3452	rVB	9631	14054	0.15%	0.054%
69	12.231	3455	3465	3473	rBV	27472	44769	0.48%	0.171%
70	12.334	3485	3497	3518	rBV3	19784	44502	0.48%	0.170%
71	12.533	3544	3559	3569	rBV5	6113	11679	0.13%	0.045%

LSC Area Percent Report

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Acq On : 01 Oct 2019 18:10
Operator : JC/SP
Sample : K5028-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK3

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	12.630	3579	3589	3597	rVV2	20716	31758	0.34%	0.122%
73	12.681	3597	3605	3617	rVB	26200	41143	0.44%	0.157%
74	12.768	3627	3632	3638	rVB6	1739	1877	0.02%	0.007%
75	12.877	3661	3666	3669	rBV5	1133	1100	0.01%	0.004%
76	12.945	3678	3687	3701	rVB3	13865	23109	0.25%	0.088%
77	13.102	3716	3736	3752	rBV2	52046	94793	1.02%	0.363%
78	13.173	3752	3758	3767	rVB2	3304	5892	0.06%	0.023%
79	13.215	3768	3771	3773	rBV3	1345	813	0.01%	0.003%
80	13.273	3779	3789	3800	rVB7	9209	17064	0.18%	0.065%
81	13.385	3819	3824	3828	rBV7	891	986	0.01%	0.004%
82	13.440	3834	3841	3848	rVB6	4711	6926	0.07%	0.026%
83	13.491	3848	3857	3870	rBV8	7076	13596	0.15%	0.052%
84	13.556	3872	3877	3883	rBV7	2068	3079	0.03%	0.012%
85	13.594	3883	3889	3893	rVV4	3071	3385	0.04%	0.013%
86	13.729	3919	3931	3952	rBV2	27538	66127	0.71%	0.253%
87	13.932	3984	3994	3997	rBV7	2843	4981	0.05%	0.019%
88	13.993	4010	4013	4019	rVB7	1931	1979	0.02%	0.008%
89	14.138	4050	4058	4068	rVB5	3972	6531	0.07%	0.025%
90	14.318	4106	4114	4115	rBV5	3236	3703	0.04%	0.014%
91	14.453	4150	4156	4157	rBV5	1712	1325	0.01%	0.005%
92	14.524	4172	4178	4187	rVV6	2939	4347	0.05%	0.017%
93	14.623	4205	4209	4214	rBV6	1088	1086	0.01%	0.004%
94	14.803	4263	4265	4269	rBV2	911	856	0.01%	0.003%
95	14.877	4281	4288	4296	rVV7	2687	4976	0.05%	0.019%
96	15.051	4332	4342	4357	rBV4	10841	23022	0.25%	0.088%
97	15.237	4396	4400	4406	rVB3	695	808	0.01%	0.003%
98	15.839	4583	4587	4589	rBV3	896	789	0.01%	0.003%
99	16.080	4658	4662	4665	rVB5	1051	953	0.01%	0.004%
100	16.234	4708	4710	4715	rBV2	1096	885	0.01%	0.003%

Sum of corrected areas: 26137251

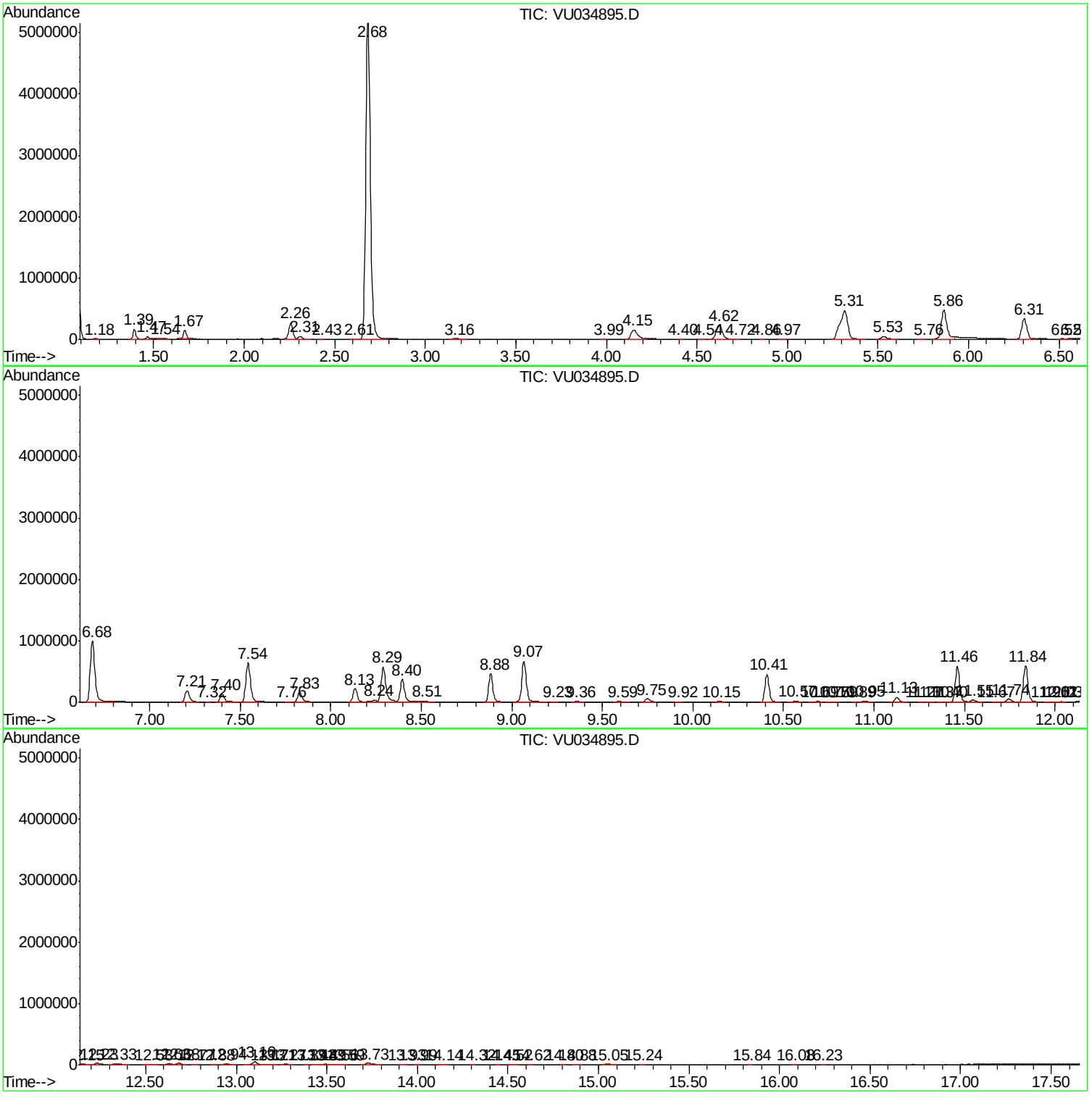
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034895.D
Acq On : 01 Oct 2019 18:10
Operator : JC/SP
Sample : K5028-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK3

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 : VU034895.D
Acq On : 01 Oct 2019 18:10
Operator : JC/SP
Sample : K5028-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK3

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

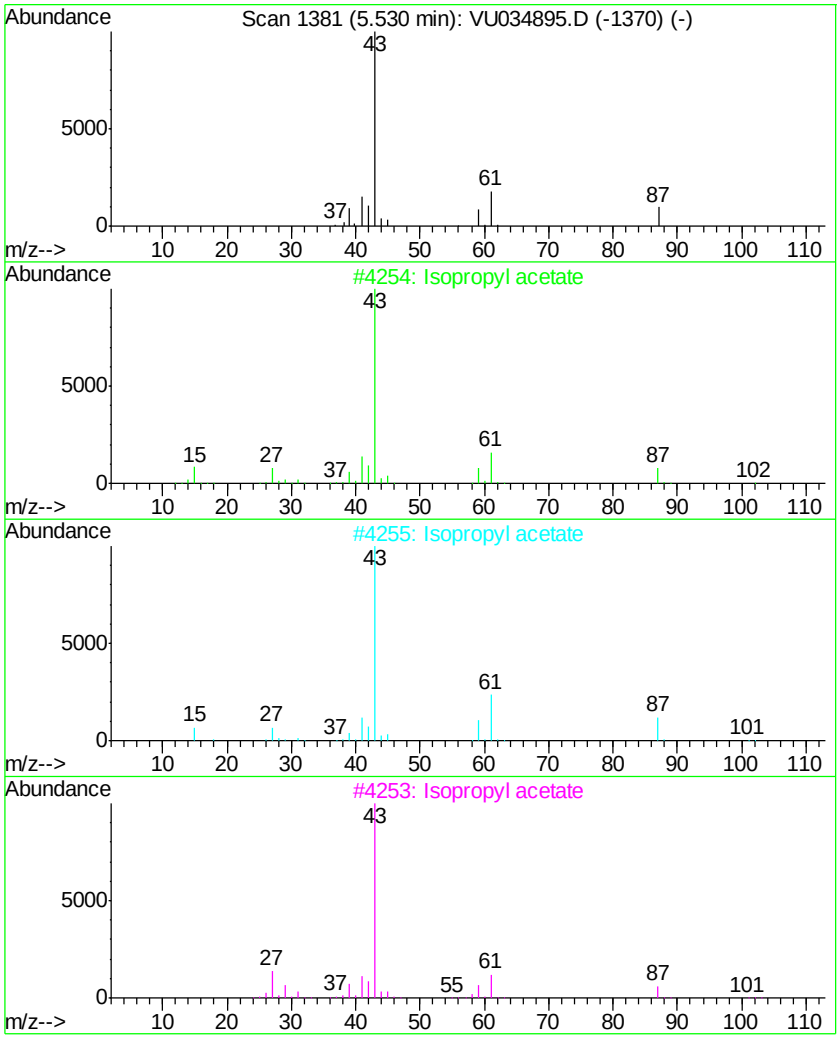
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

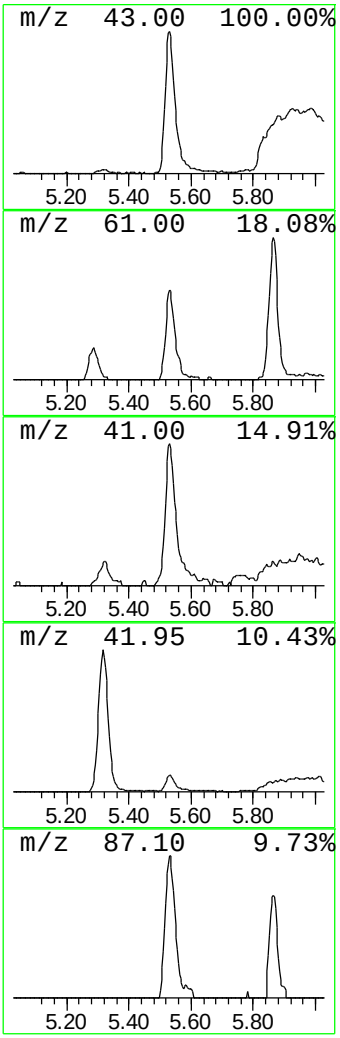
****

Peak Number 1 Isopropyl acetate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.53	4.88 ug/L	101703	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	64
4	Isopropyl acetate	102	C5H10O2	000108-21-4	9
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 : VU034895.D
Acq On : 01 Oct 2019 18:10
Operator : JC/SP
Sample : K5028-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK3

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

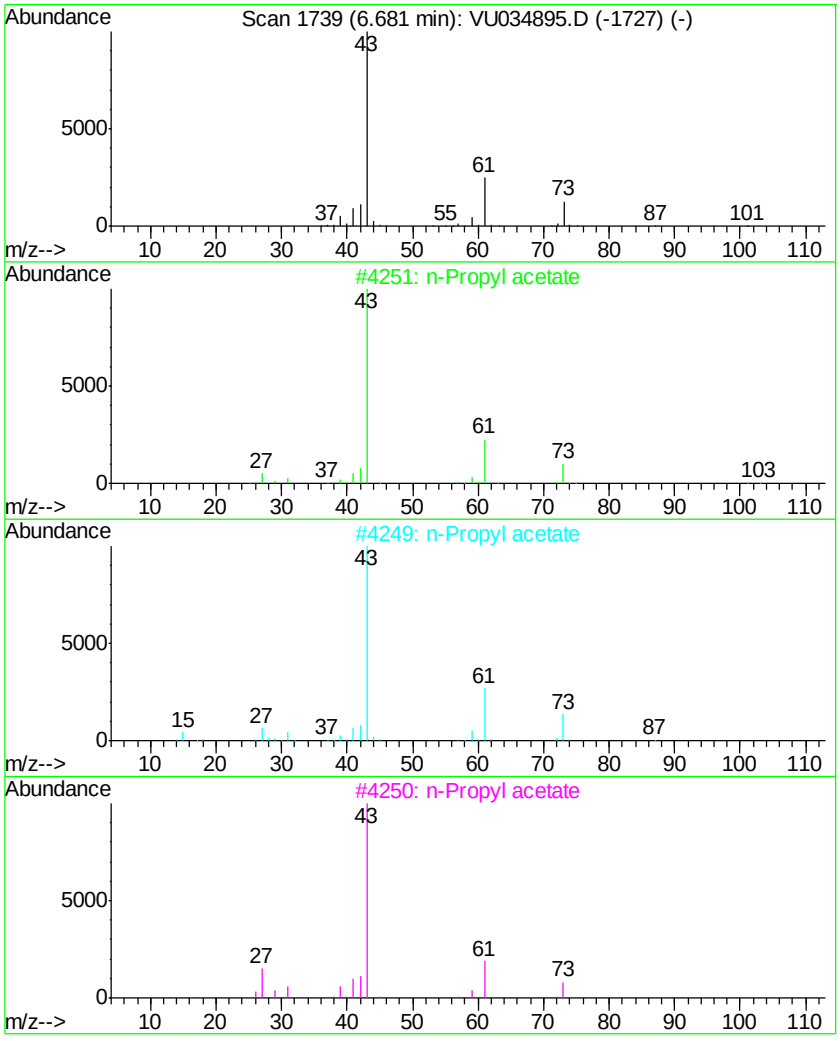
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

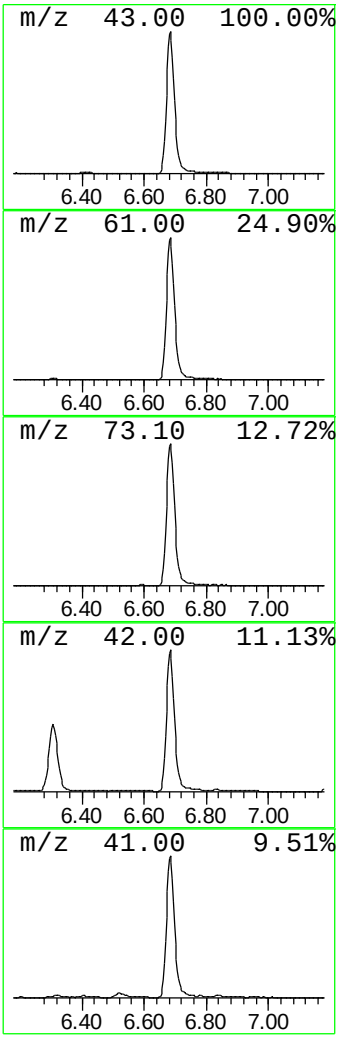
****

Peak Number 2 n-Propyl acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	87.05 ug/L	1815880	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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034895.D
Acq On : 01 Oct 2019 18:10
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Sample : K5028-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK3

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

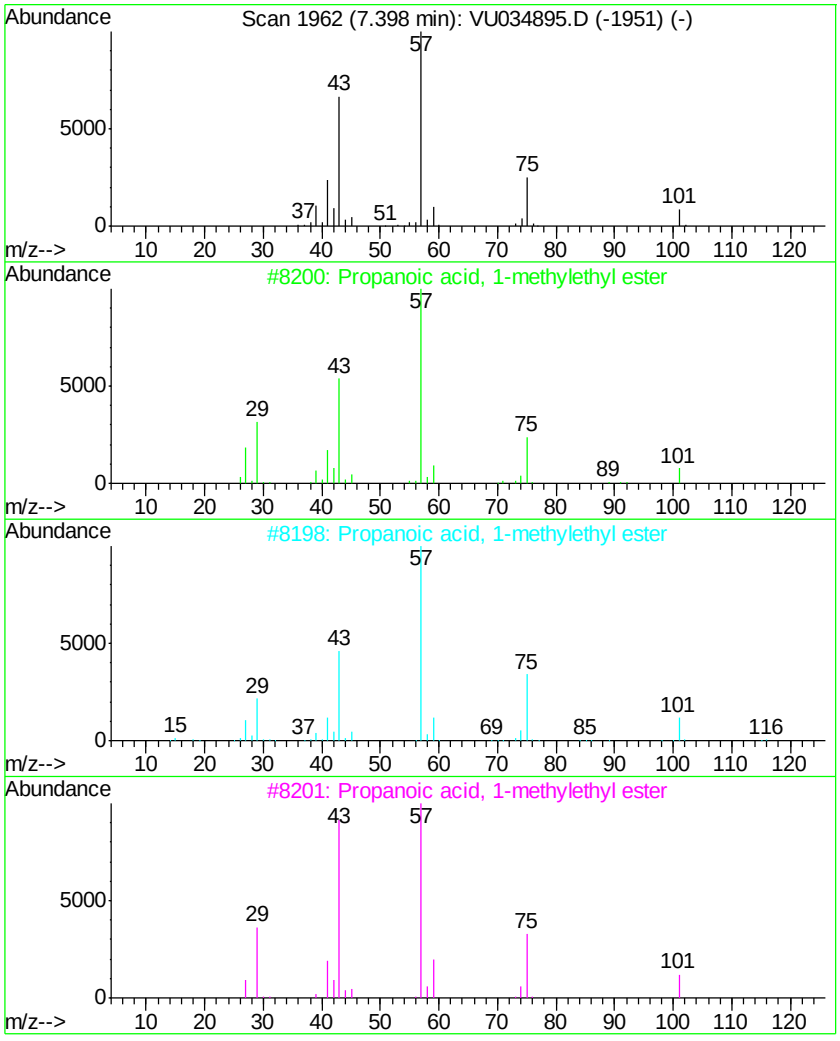
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

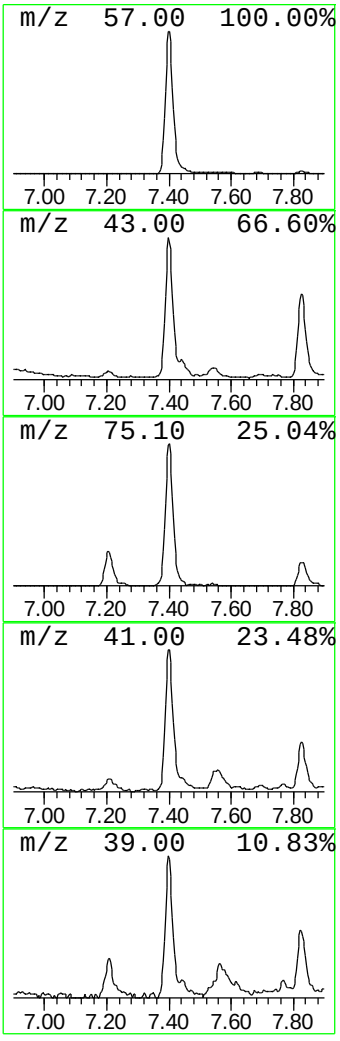
****

Peak Number 4 Propanoic acid, 1-methyleth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	10.66 ug/L	222414	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	72
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	64
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	56
5	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034895.D
Acq On : 01 Oct 2019 18:10
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Sample : K5028-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK3

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

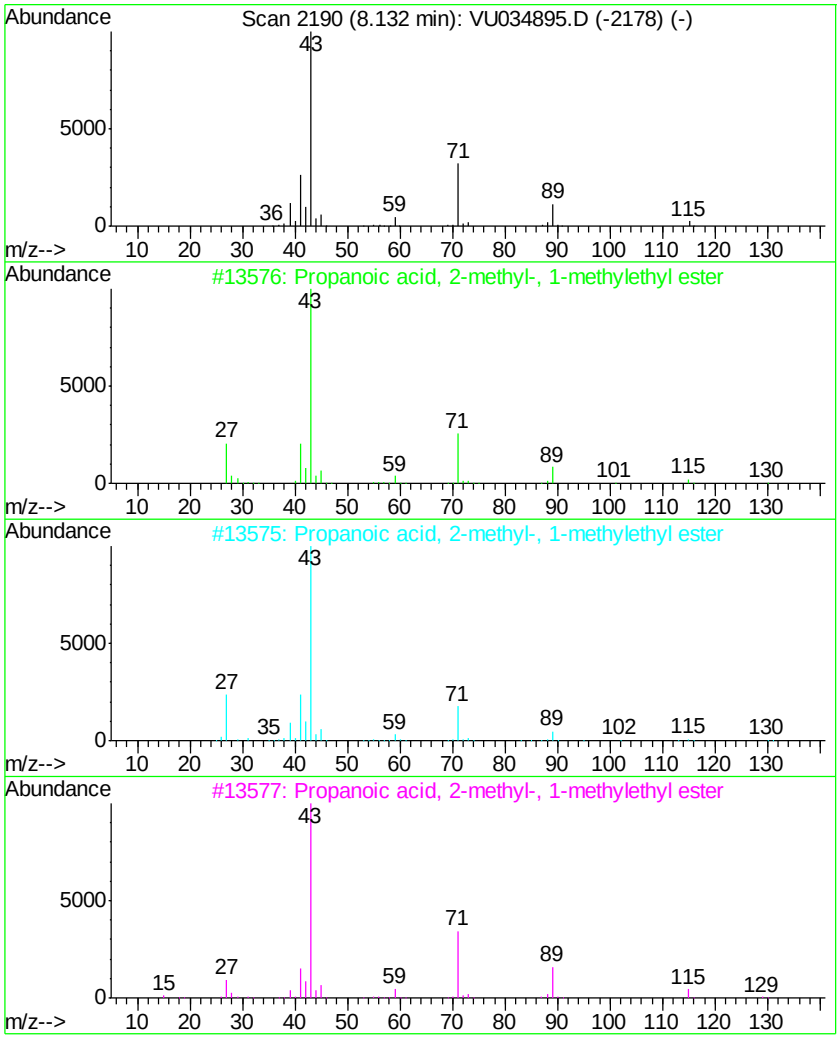
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

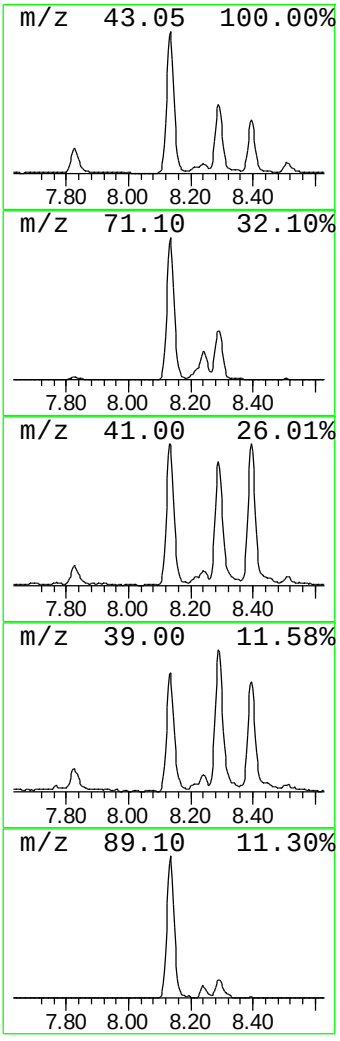
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	16.11 ug/L	371417	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	78
3	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	72
4	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	42
5	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	42





Library Search Compound Report

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Data File : VU034895.D
Acq On : 01 Oct 2019 18:10
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Sample : K5028-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK3

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

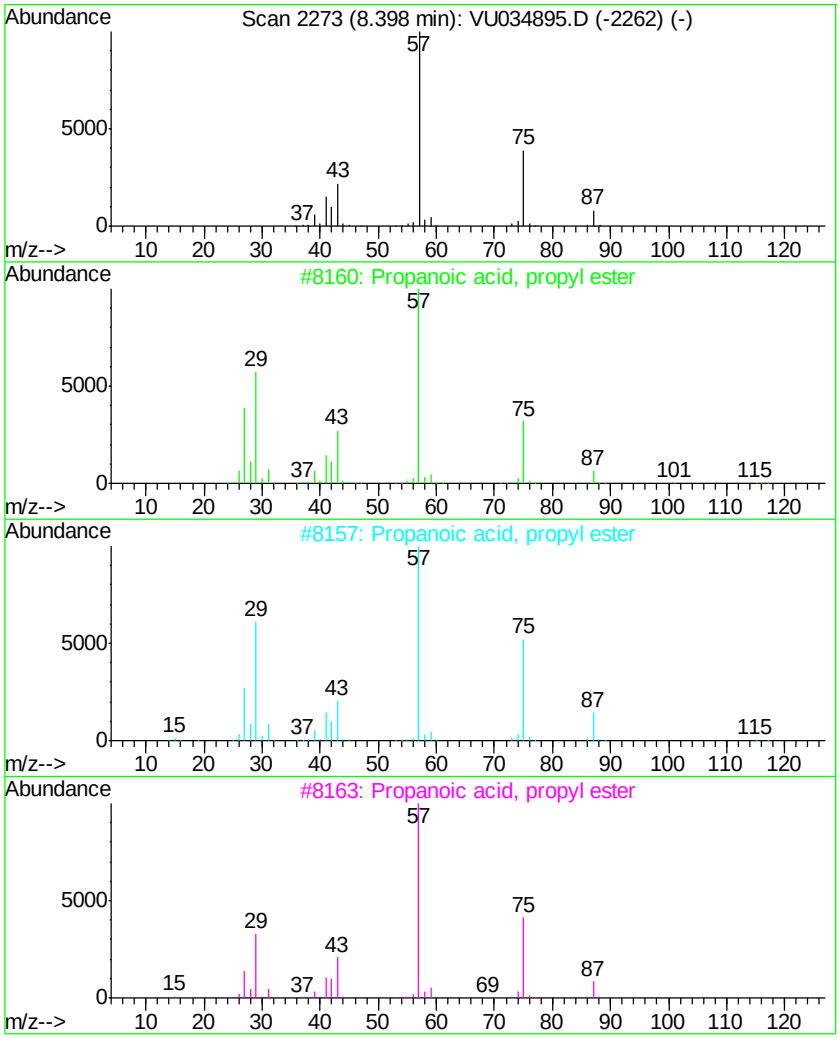
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

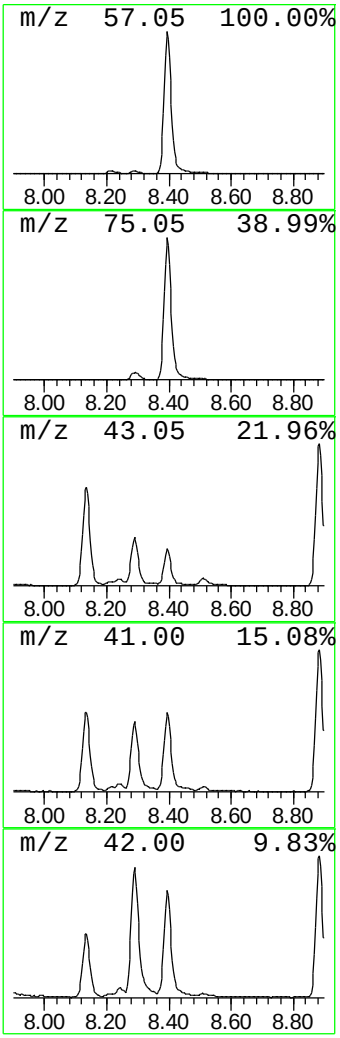
****

Peak Number 6 Propanoic acid, propyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	27.98 ug/L	645050	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	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034895.D
Acq On : 01 Oct 2019 18:10
Operator : JC/SP
Sample : K5028-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK3

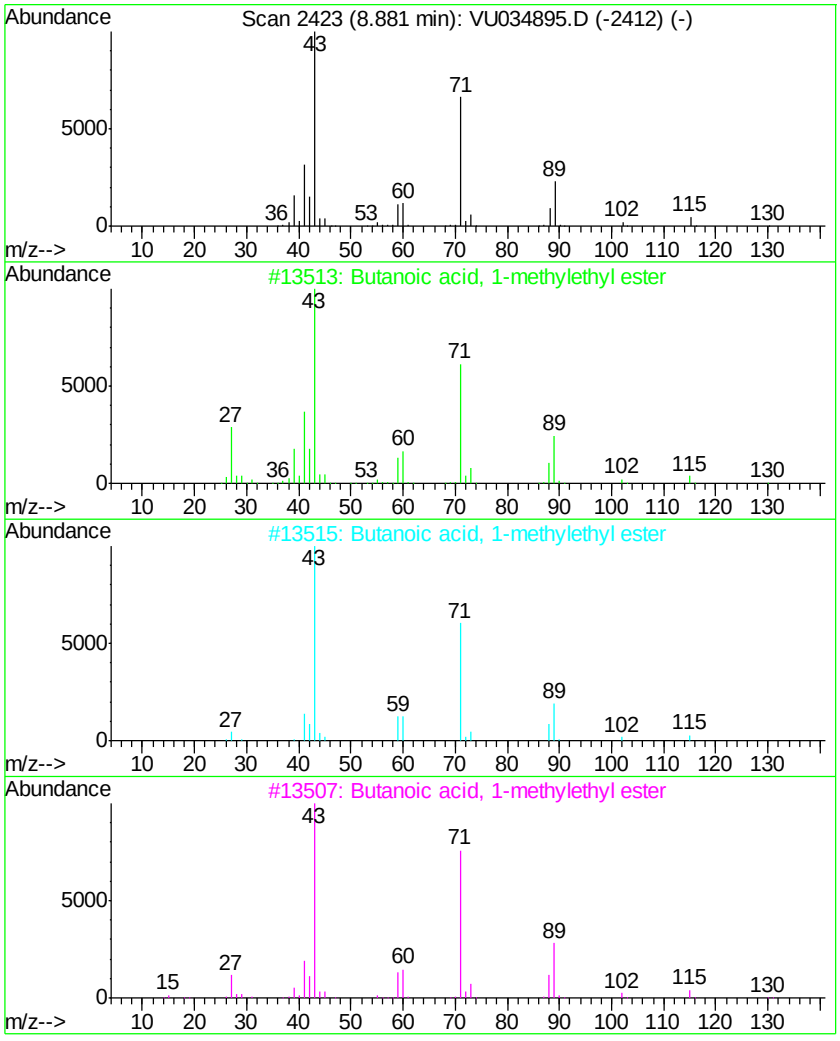
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis

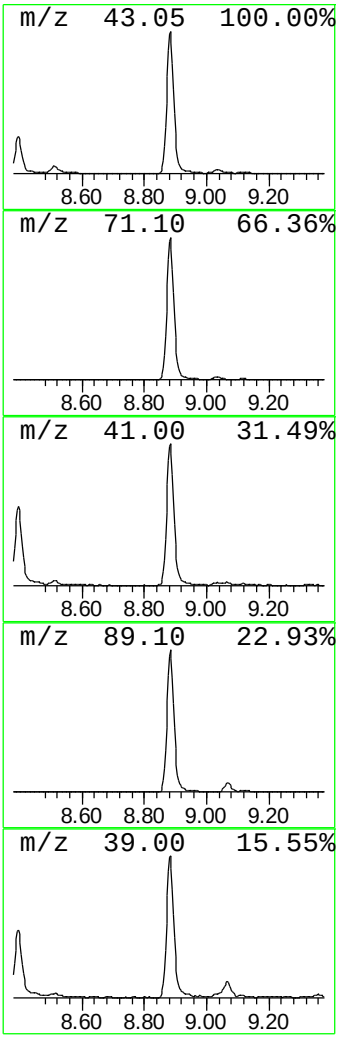
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	32.17 ug/L	741666	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-, penty...	158	C9H18O2	002445-72-9	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034895.D
Acq On : 01 Oct 2019 18:10
Operator : JC/SP
Sample : K5028-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK3

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

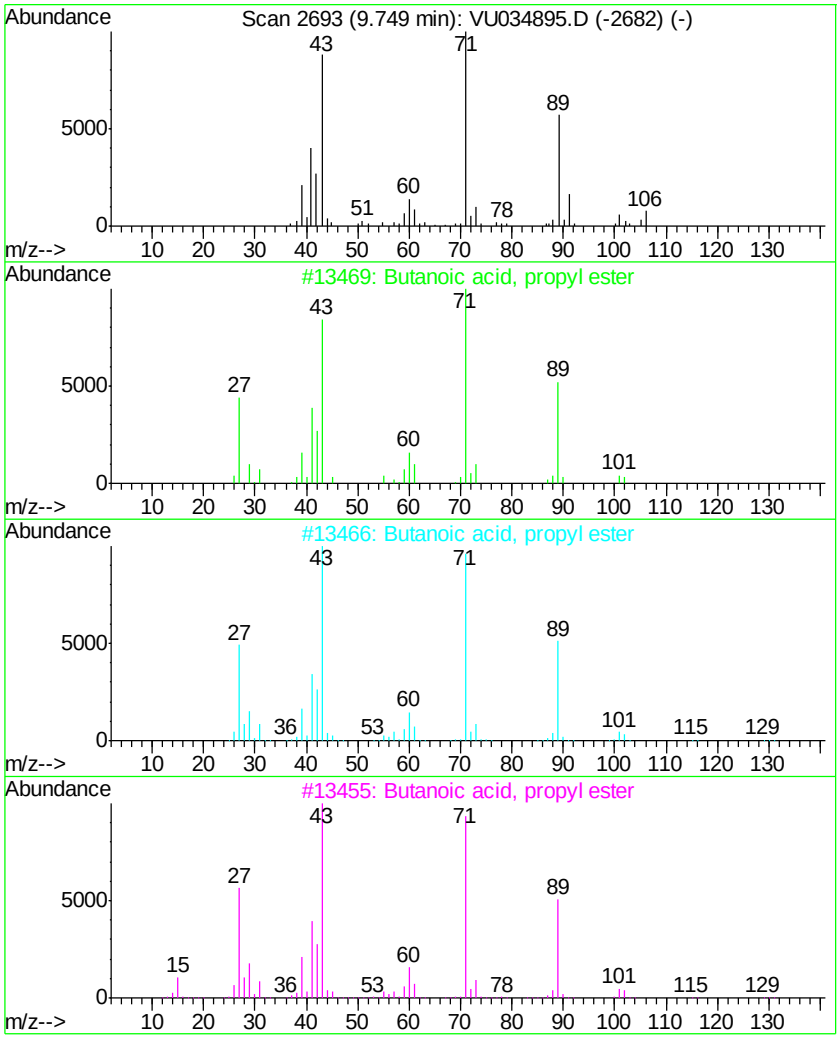
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

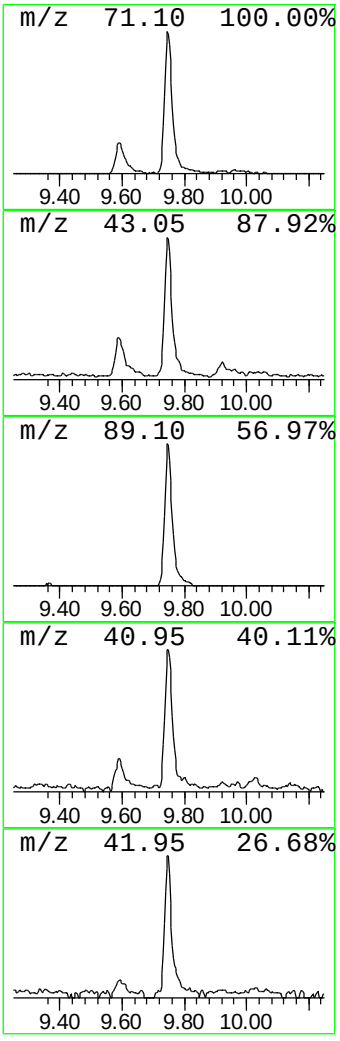
****

Peak Number 8 Butanoic acid, propyl ester Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	4.61 ug/L	106260	Chlorobenzene-d5	9.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	87
2	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	86
3	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	86
4	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	80
5	Propanoic acid, 2-methyl-, butyl...	144	C8H16O2	000097-87-0	59





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Data File : VU034895.D
Acq On : 01 Oct 2019 18:10
Operator : JC/SP
Sample : K5028-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK3

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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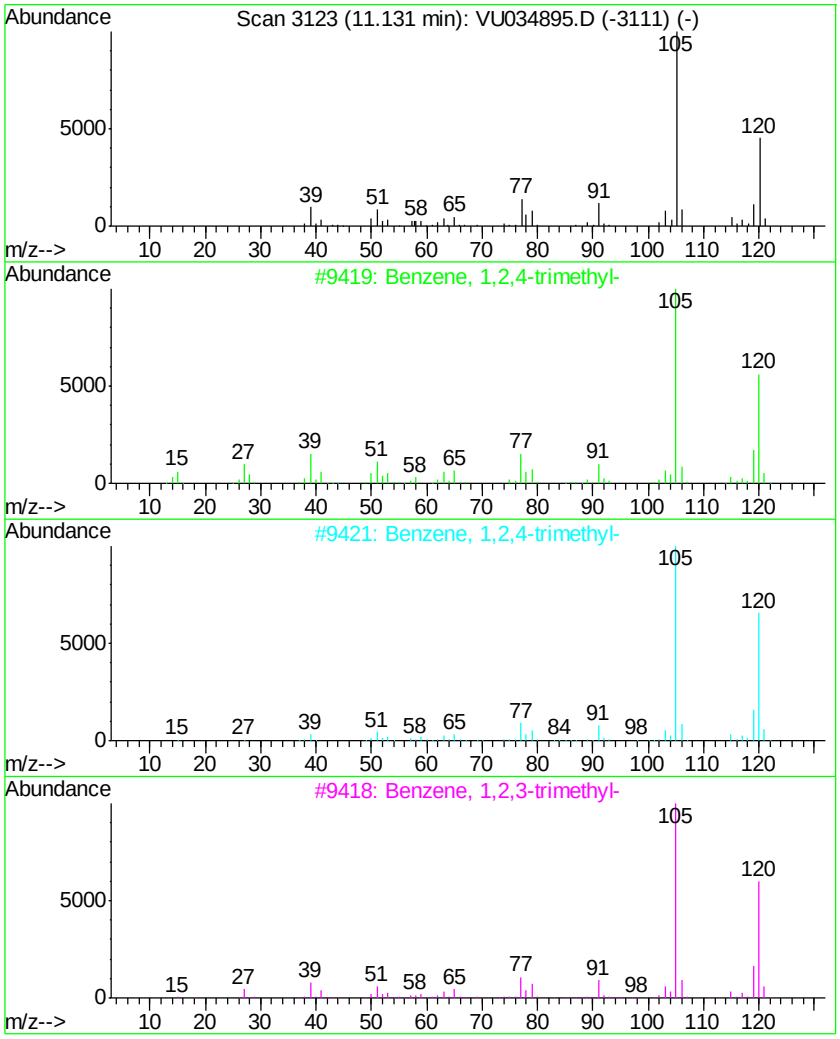
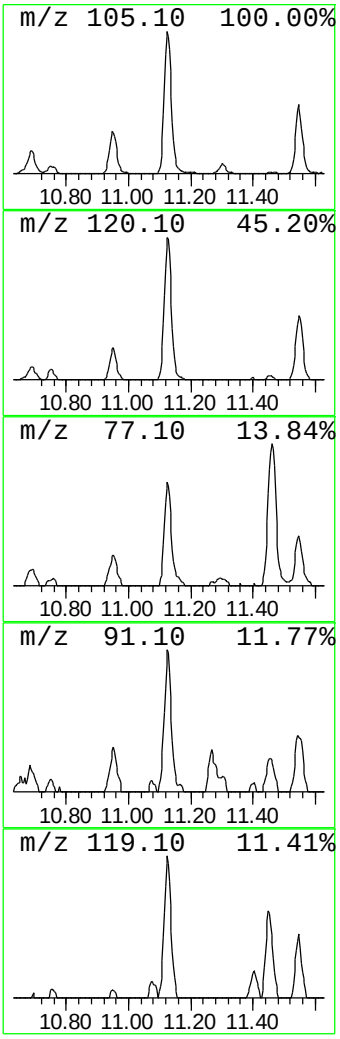
Peak Number 9 Benzene, 1,2,4-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	6.08 ug/L	119830	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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034895.D
Acq On : 01 Oct 2019 18:10
Operator : JC/SP
Sample : K5028-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK3

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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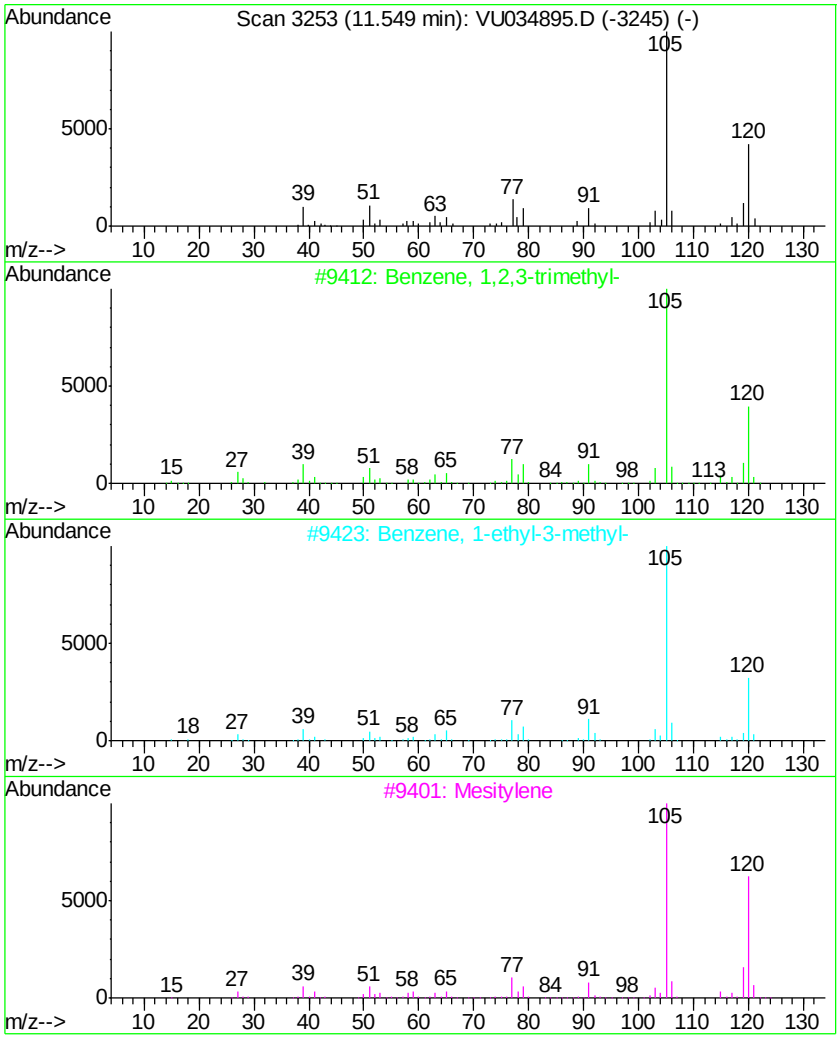
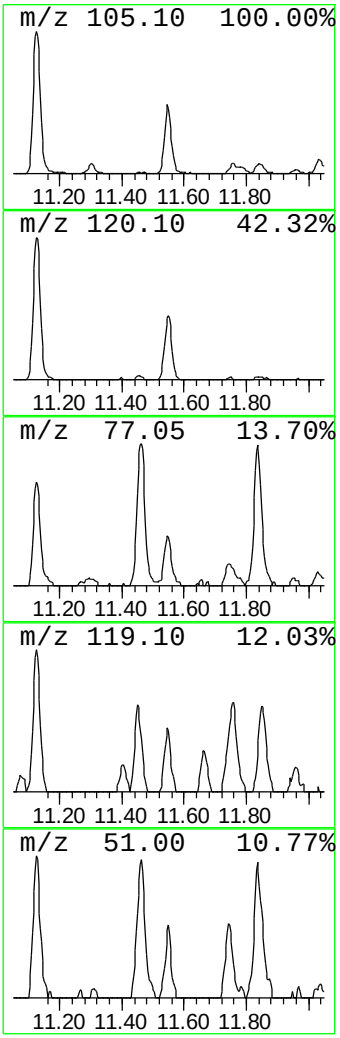
Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	2.82 ug/L	55517	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	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034895.D
Acq On : 01 Oct 2019 18:10
Operator : JC/SP
Sample : K5028-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK3

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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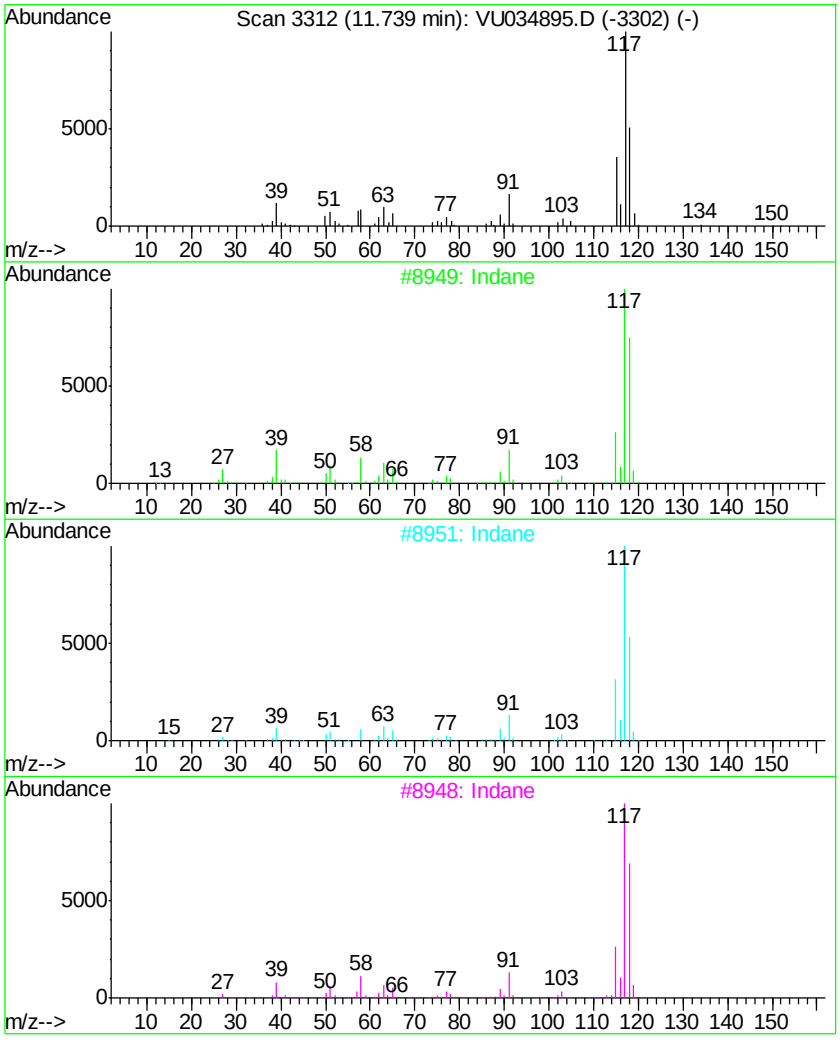
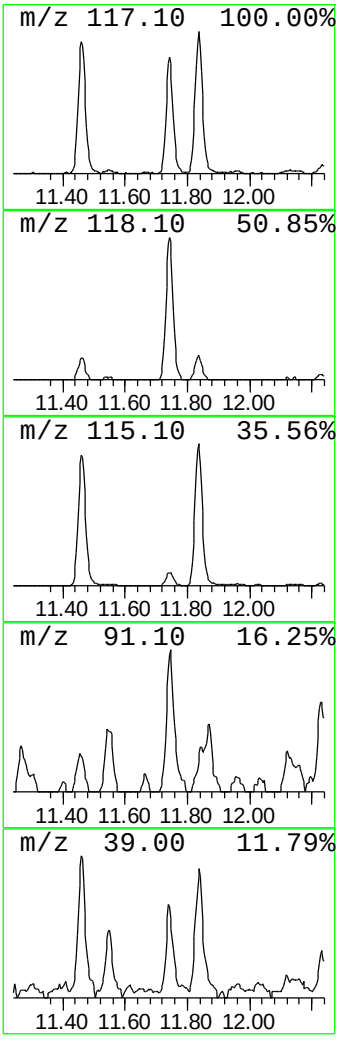
Peak Number 11 Indane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	4.74 ug/L	93403	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	93
3	Indane	118	C9H10	000496-11-7	81
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	81
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034895.D
Acq On : 01 Oct 2019 18:10
Operator : JC/SP
Sample : K5028-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK3

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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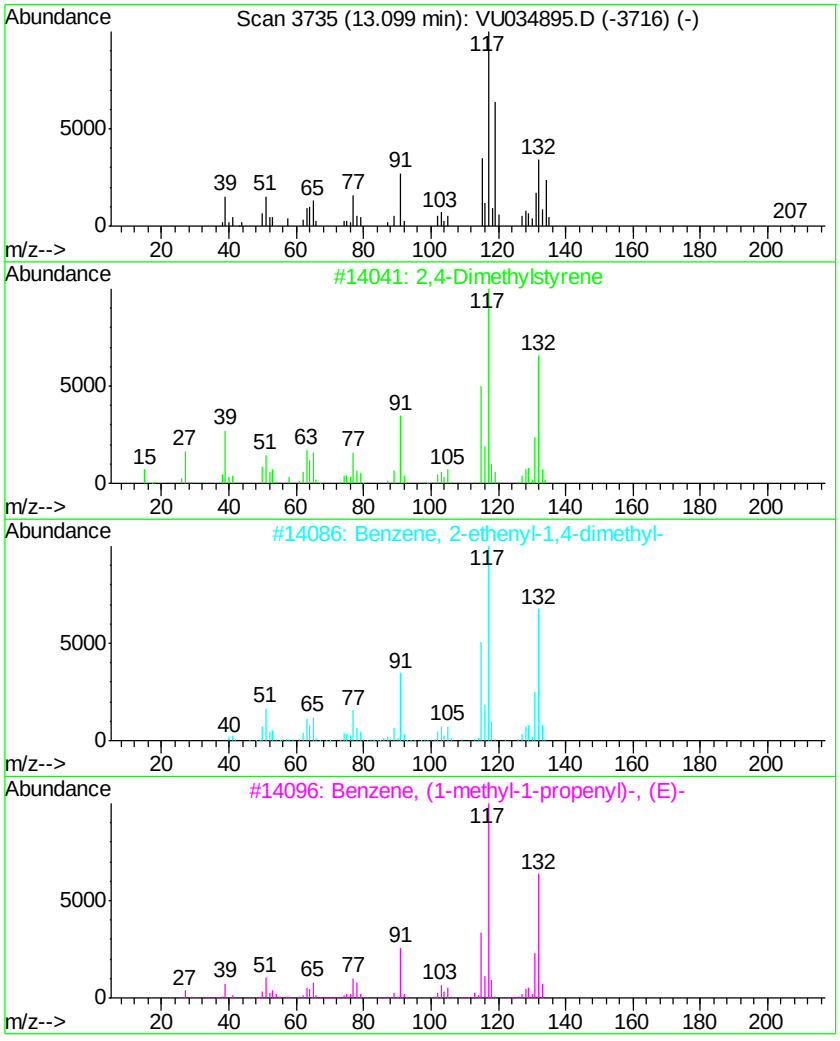
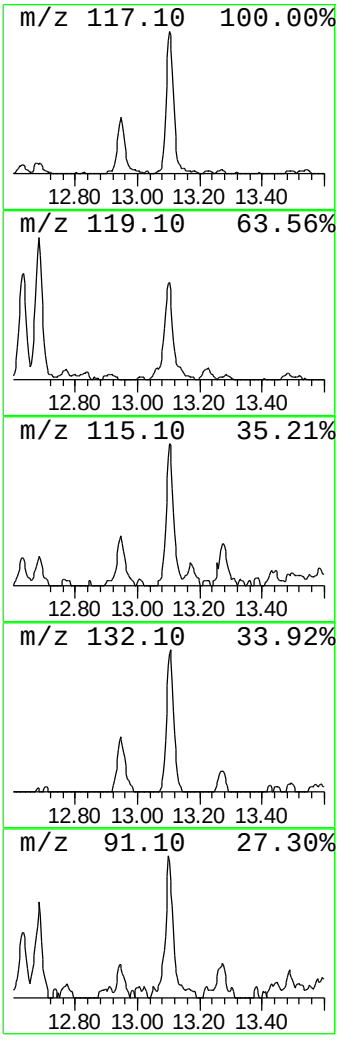
Peak Number 12 2,4-Dimethylstyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	4.81 ug/L	94793	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	89
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034895.D
Acq On : 01 Oct 2019 18:10
Operator : JC/SP
Sample : K5028-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK3

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

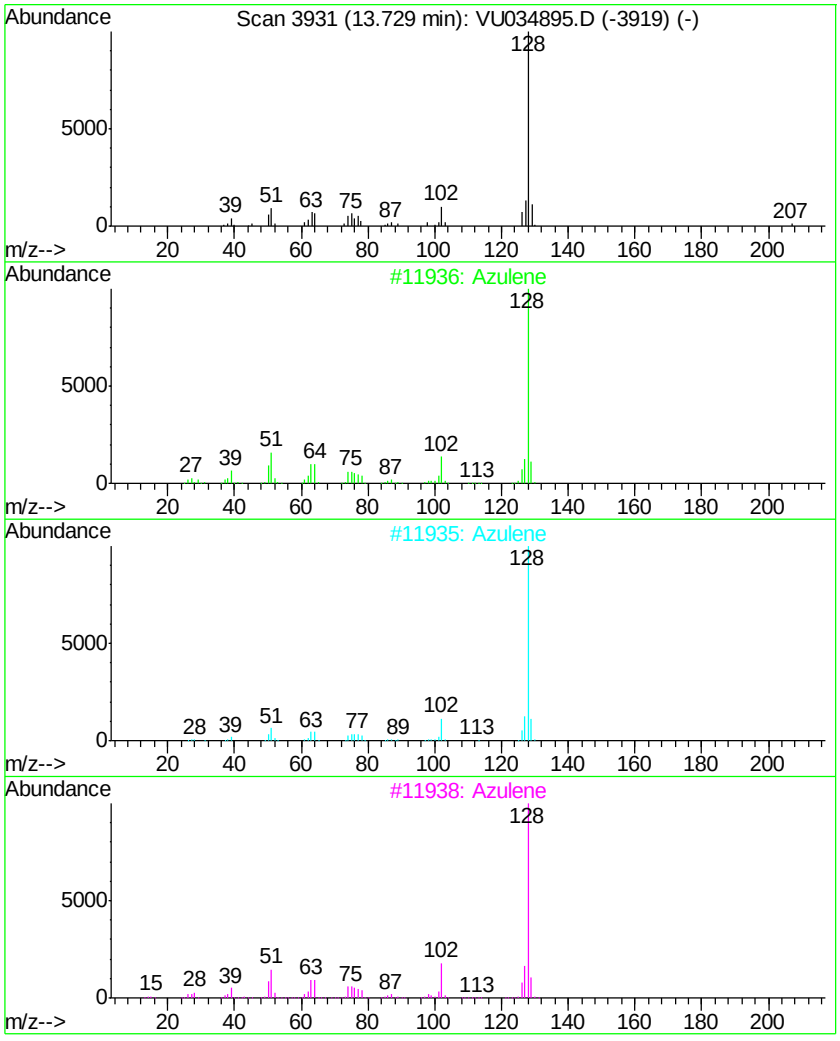
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

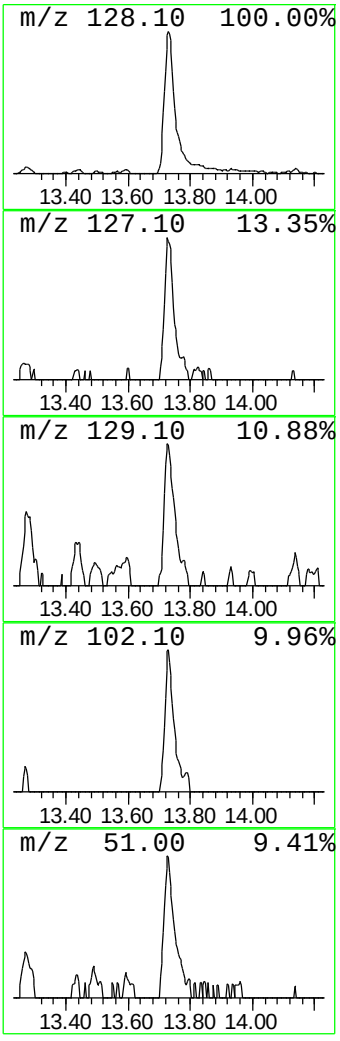
****

Peak Number 13 Azulene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	3.35 ug/L	66127	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene	128	C10H8	000275-51-4	91
2	Azulene	128	C10H8	000275-51-4	91
3	Azulene	128	C10H8	000275-51-4	91
4	Naphthalene	128	C10H8	000091-20-3	91
5	Naphthalene	128	C10H8	000091-20-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034895.D
Acq On : 01 Oct 2019 18:10
Operator : JC/SP
Sample : K5028-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK3

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	101703	1	5.86	1043040	50.0
n-Propyl acetate	6.68	87.0	ug/L	1815880	1	5.86	1043040	50.0
Propanoic acid, 1...	7.40	10.7	ug/L	222414	1	5.86	1043040	50.0
Propanoic acid, 2...	8.13	16.1	ug/L	371417	2	9.07	1152880	50.0
Propanoic acid, p...	8.40	28.0	ug/L	645050	2	9.07	1152880	50.0
Butanoic acid, 1-...	8.88	32.2	ug/L	741666	2	9.07	1152880	50.0
Butanoic acid, pr...	9.75	4.6	ug/L	106260	2	9.07	1152880	50.0
Benzene, 1,2,4-tr...	11.13	6.1	ug/L	119830	3	11.46	985666	50.0
Benzene, 1,2,3-tr...	11.55	2.8	ug/L	55517	3	11.46	985666	50.0
Indane	11.74	4.7	ug/L	93403	3	11.46	985666	50.0
2,4-Dimethylstyrene	13.10	4.8	ug/L	94793	3	11.46	985666	50.0
Azulene	13.73	3.4	ug/L	66127	3	11.46	985666	50.0