LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100219\
Data File : VU034903.D
Acq On : 01 Oct 2019 21:17
Operator : JC/SP
Sample : K5028-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDL6

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	rBV	9131	8873	0.48%	0.043%
2	1.392	86	94	106	rVB	157407	165951	8.94%	0.803%
3	1.466	110	117	126	rBV	48158	51389	2.77%	0.249%
4	1.540	134	140	148	rVB3	9945	12898	0.70%	0.062%
5	1.672	173	181	199	rVB	134256	171778	9.26%	0.831%
6	2.257	351	363	372	rBV	258099	392446	21.15%	1.899%
7	2.309	372	379	401	rVB	64715	107552	5.80%	0.520%
8	2.431	407	417	422	rBV2	2876	4700	0.25%	0.023%
9	2.605	465	471	472	rBV2	2677	2266	0.12%	0.011%
10	2.685	483	496	516	rBV	329244	595726	32.11%	2.883%
11	2.817	526	537	552	rVB3	13327	32006	1.73%	0.155%
12	3.167	632	646	668	rBV2	9503	23298	1.26%	0.113%
13	3.402	709	719	734	rBV8	1611	4318	0.23%	0.021%
14	3.547	751	764	773	rBV4	2067	4686	0.25%	0.023%
15	4.071	915	927	931	rBV2	2065	3653	0.20%	0.018%
16	4.151	939	952	976	rBV	152579	438318	23.63%	2.121%
17	4.624	1079	1099	1124	rBV	229143	547242	29.50%	2.648%
18	4.968	1197	1206	1218	rVV5	4203	8278	0.45%	0.040%
19	5.315	1291	1314	1349	rBV2	460716	1433847	77.29%	6.939%
20	5.530	1364	1381	1406	rBV	54638	120245	6.48%	0.582%
21	5.865	1470	1485	1505	rBV	455426	958772	51.68%	4.640%
22	6.309	1608	1623	1643	rBV	327365	660337	35.59%	3.195%
23	6.402	1647	1652	1674	rVB2	12730	28769	1.55%	0.139%
24	6.521	1682	1689	1693	rBV5	3674	5441	0.29%	0.026%
25	6.563	1694	1702	1706	rBV2	10213	15822	0.85%	0.077%
26	6.685	1727	1740	1774	rBV	1023068	1855260	100.00%	8.978%
27	7.045	1844	1852	1861	rVB8	2527	4152	0.22%	0.020%
28	7.206	1890	1902	1924	rBV	175892	326847	17.62%	1.582%
29	7.399	1951	1962	1973	rBV	147642	254002	13.69%	1.229%
30	7.543	1994	2007	2020	rBV	631092	1119512	60.34%	5.418%
31	7.614	2021	2029	2045	rVB	145904	264835	14.27%	1.282%
32	7.762	2070	2075	2085	rVB6	3082	4411	0.24%	0.021%
33	7.826	2085	2095	2117	rBV2	146354	272744	14.70%	1.320%
34	8.135	2178	2191	2207	rVV	257841	426722	23.00%	2.065%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100219\
Data File : VU034903.D
Acq On : 01 Oct 2019 21:17
Operator : JC/SP
Sample : K5028-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDL6

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	2218	rVV2	16458	23827	1.28%	0.115%
36	8.241	2219	2224	2230	rVV2	33526	52323	2.82%	0.253%
37	8.289	2230	2239	2262	rVV	599829	1093542	58.94%	5.292%
38	8.395	2262	2272	2301	rVV	416287	703418	37.91%	3.404%
39	8.508	2301	2307	2323	rVB2	15256	29668	1.60%	0.144%
40	8.884	2411	2424	2454	rVV	522018	848442	45.73%	4.106%
41	9.067	2462	2481	2509	rBV	674357	1188127	64.04%	5.750%
42	9.228	2521	2531	2553	rVB	74619	123682	6.67%	0.599%
43	9.350	2553	2569	2589	rBV	260522	450275	24.27%	2.179%
44	9.588	2633	2643	2654	rBV2	12993	23594	1.27%	0.114%
45	9.755	2682	2695	2720	rVV2	284519	501083	27.01%	2.425%
46	9.919	2738	2746	2749	rBV6	3620	5659	0.31%	0.027%
47	10.019	2772	2777	2786	rVB8	2118	3050	0.16%	0.015%
48	10.144	2805	2816	2833	rVB	15196	25937	1.40%	0.126%
49	10.302	2858	2865	2871	rVV7	2048	2892	0.16%	0.014%
50	10.408	2886	2898	2921	rBV	453460	740364	39.91%	3.583%
51	10.566	2932	2947	2960	rBV	24908	43110	2.32%	0.209%
52	10.659	2966	2976	2994	rBV	86218	189125	10.19%	0.915%
53	10.749	2995	3004	3025	rVB	63890	103588	5.58%	0.501%
54	10.900	3040	3051	3057	rBV4	7934	12783	0.69%	0.062%
55	10.948	3057	3066	3083	rVB	75454	122517	6.60%	0.593%
56	11.125	3109	3121	3137	rBV	253025	390447	21.05%	1.889%
57	11.302	3170	3176	3187	rVB4	6838	11043	0.60%	0.053%
58	11.402	3199	3207	3214	rVV3	11056	16218	0.87%	0.078%
59	11.459	3214	3225	3242	rVV	628912	1031381	55.59%	4.991%
60	11.546	3242	3252	3268	rVB	131633	209179	11.27%	1.012%
61	11.662	3285	3288	3296	rVB5	2979	3354	0.18%	0.016%
62	11.742	3303	3313	3322	rBV	78789	138942	7.49%	0.672%
63	11.784	3323	3326	3331	rVV2	17319	21389	1.15%	0.104%
64	11.836	3331	3342	3372	rVV	637511	1124148	60.59%	5.440%
65	11.958	3372	3380	3390	rVV5	9080	12545	0.68%	0.061%
66	12.035	3396	3404	3416	rVB2	13268	22190	1.20%	0.107%
67	12.125	3422	3432	3437	rBV3	26829	45390	2.45%	0.220%
68	12.228	3455	3464	3472	rBV2	37505	60315	3.25%	0.292%
69	12.334	3485	3497	3519	rBV2	33232	71636	3.86%	0.347%
70	12.472	3532	3540	3546	rBV8	2707	3919	0.21%	0.019%
71	12.530	3548	3558	3568	rVV4	14139	25112	1.35%	0.122%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100219\
Data File : VU034903.D
Acq On : 01 Oct 2019 21:17
Operator : JC/SP
Sample : K5028-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDL6

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	12.594	3568	3578	3583	rVV	20218	32452	1.75%	0.157%
73	12.630	3583	3589	3596	rVV	30822	47068	2.54%	0.228%
74	12.681	3596	3605	3620	rVB	50785	81770	4.41%	0.396%
75	12.765	3625	3631	3637	rBV7	3678	5473	0.29%	0.026%
76	12.945	3679	3687	3703	rVB	27683	45532	2.45%	0.220%
77	13.009	3703	3707	3715	rVB8	2259	2967	0.16%	0.014%
78	13.064	3717	3724	3725	rBV4	4143	3782	0.20%	0.018%
79	13.099	3725	3735	3750	rVV3	75472	132649	7.15%	0.642%
80	13.173	3753	3758	3766	rVV8	5519	7553	0.41%	0.037%
81	13.215	3767	3771	3779	rVV6	2289	2726	0.15%	0.013%
82	13.270	3779	3788	3799	rVV6	18127	31316	1.69%	0.152%
83	13.376	3806	3821	3831	rBV4	26422	46727	2.52%	0.226%
84	13.434	3832	3839	3848	rVB4	9443	14960	0.81%	0.072%
85	13.488	3848	3856	3864	rBV5	13762	23708	1.28%	0.115%
86	13.588	3882	3887	3894	rBV3	8100	8771	0.47%	0.042%
87	13.723	3917	3929	3953	rBV	92244	183207	9.88%	0.887%
88	13.829	3956	3962	3963	rBV5	2872	2434	0.13%	0.012%
89	13.926	3983	3992	4003	rBV5	6922	15731	0.85%	0.076%
90	13.993	4007	4013	4022	rVB7	4083	6246	0.34%	0.030%
91	14.135	4047	4057	4066	rBV2	8652	14036	0.76%	0.068%
92	14.315	4104	4113	4115	rBV5	7438	9706	0.52%	0.047%
93	14.456	4146	4157	4161	rBV6	3894	6474	0.35%	0.031%
94	14.520	4170	4177	4191	rVB7	5619	10390	0.56%	0.050%
95	14.627	4203	4210	4215	rBV8	1920	2794	0.15%	0.014%
96	14.659	4215	4220	4232	rVB10	2976	5174	0.28%	0.025%
97	14.800	4259	4264	4269	rBV6	2132	3038	0.16%	0.015%
98	14.865	4275	4284	4302	rBV2	15591	31887	1.72%	0.154%
99	15.045	4330	4340	4356	rVV	42941	79325	4.28%	0.384%
100	16.733	4856	4865	4871	rBV7	3477	5464	0.29%	0.026%

Sum of corrected areas: 20664670

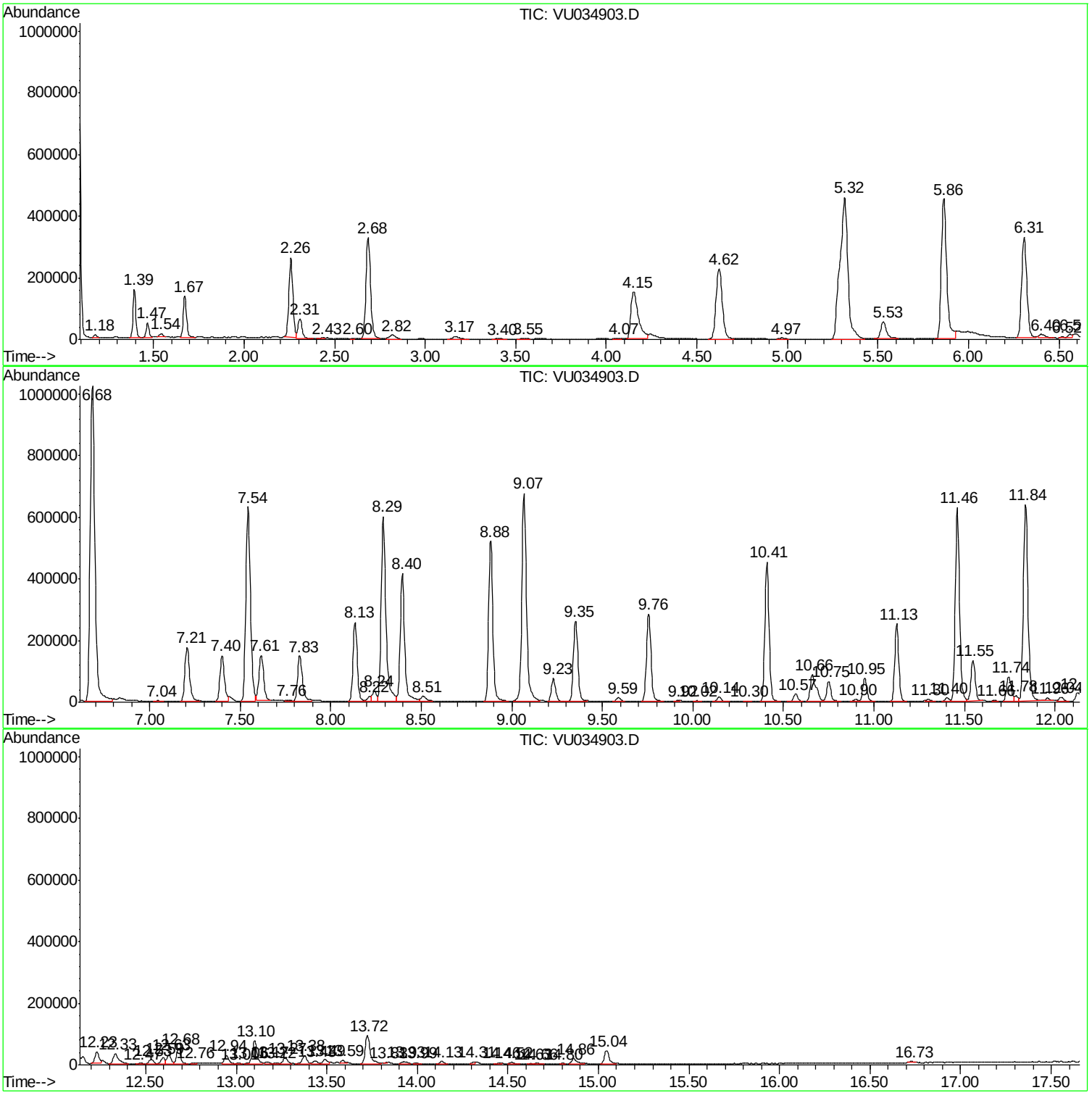
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034903.D
Acq On : 01 Oct 2019 21:17
Operator : JC/SP
Sample : K5028-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDL6

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 : VU034903.D
Acq On : 01 Oct 2019 21:17
Operator : JC/SP
Sample : K5028-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDL6

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

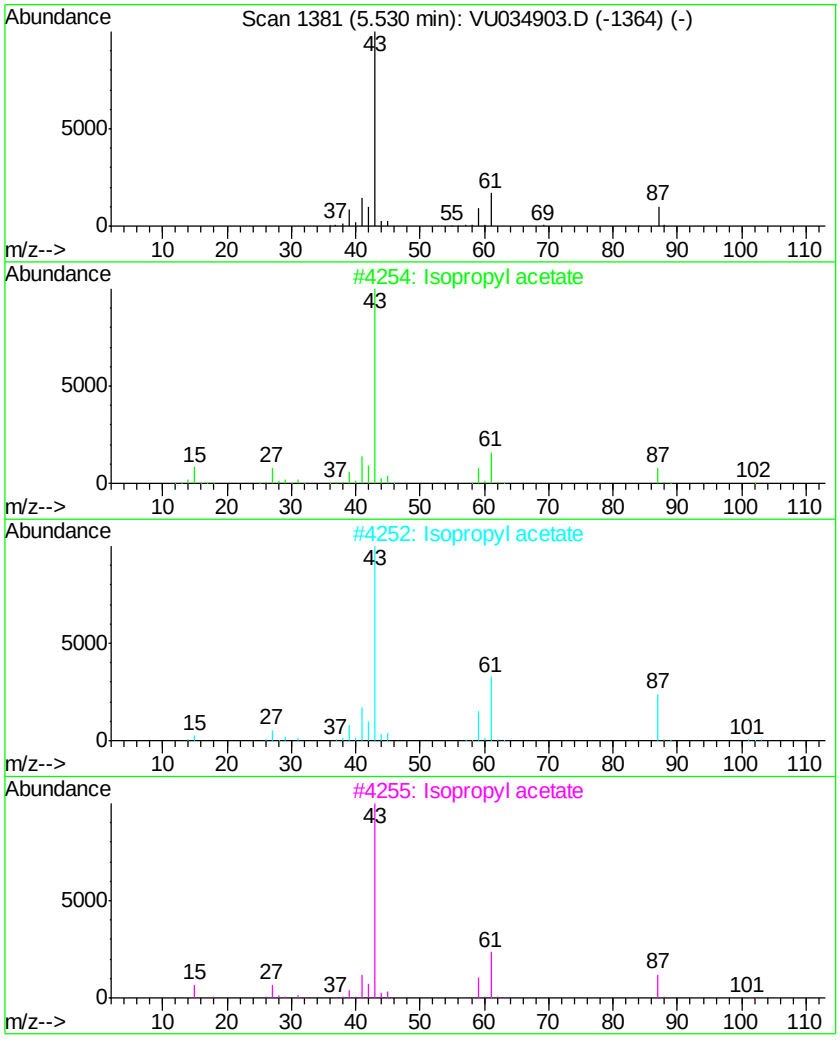
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

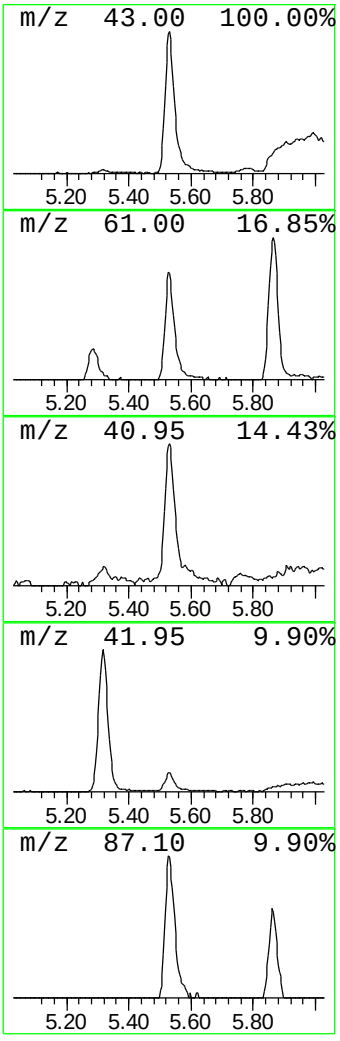
****

Peak Number 2 Isopropyl acetate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.53	6.27 ug/L	120245	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	74
4	Isopropyl acetate	102	C5H10O2	000108-21-4	64
5	Acetaldehyde, O-ethyloxime-	87	C4H9NO	1000288-34-6	7





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034903.D
Acq On : 01 Oct 2019 21:17
Operator : JC/SP
Sample : K5028-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDL6

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

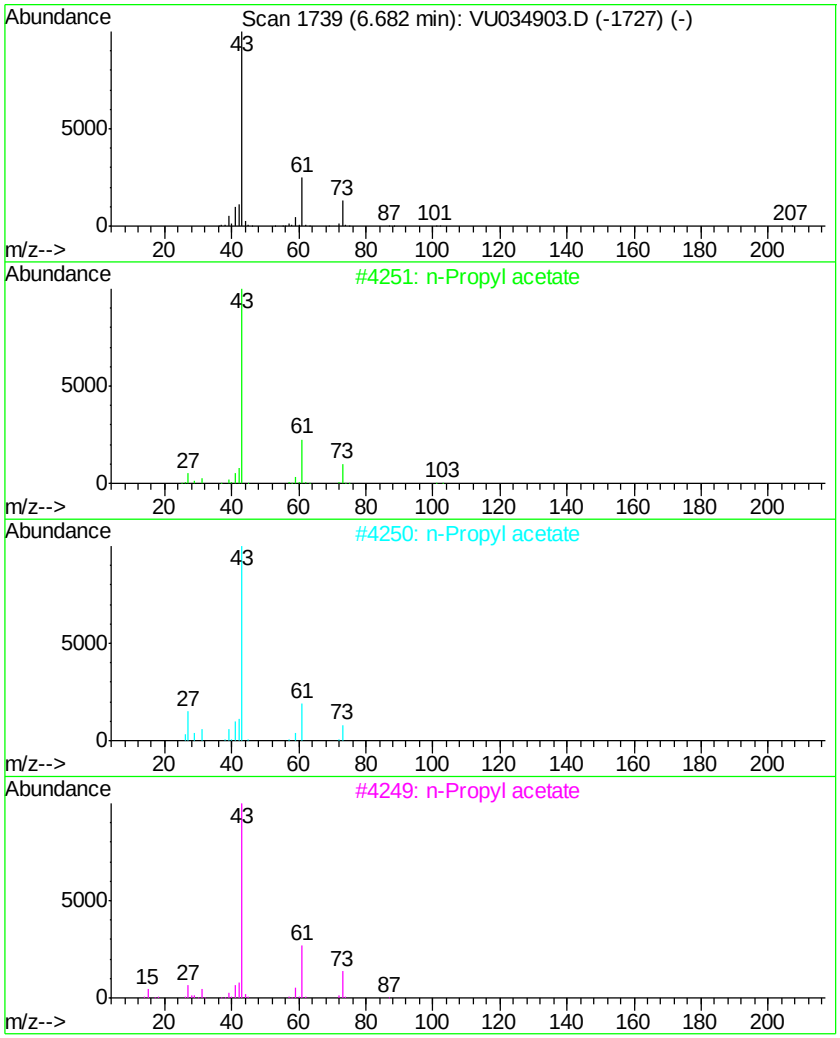
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

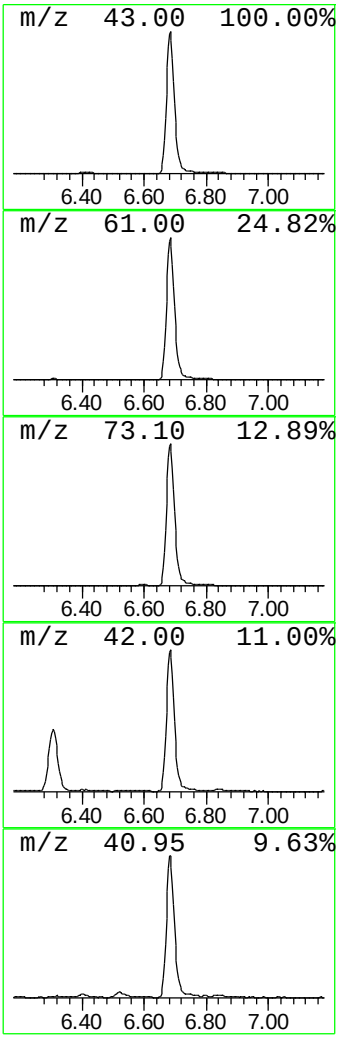
****

Peak Number 3 n-Propyl acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	96.75 ug/L	1855260	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 : VU034903.D
Acq On : 01 Oct 2019 21:17
Operator : JC/SP
Sample : K5028-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDL6

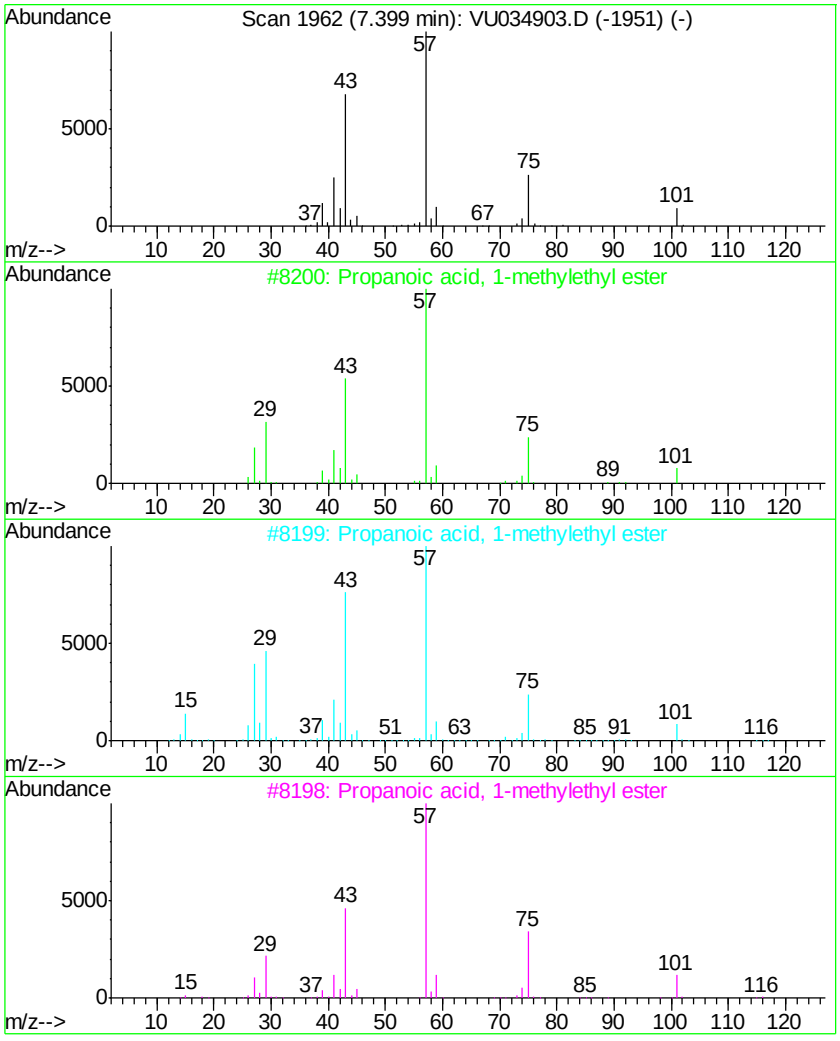
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis

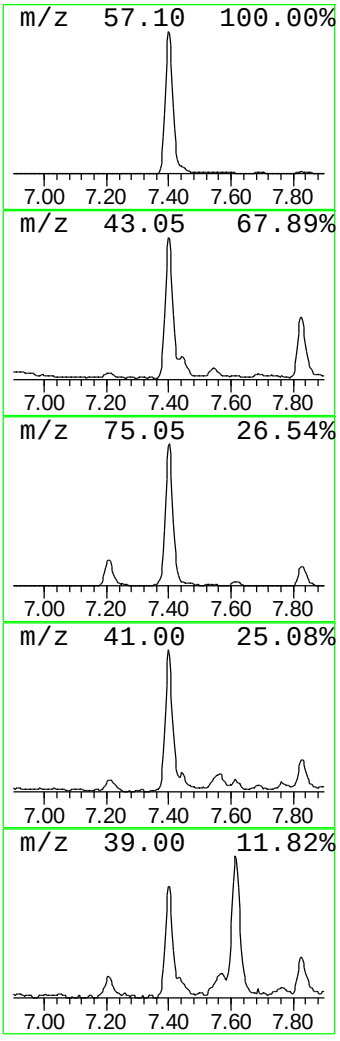
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Propanoic acid, 1-methyleth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	13.25 ug/L	254002	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, propyl ester	116	C6H12O2	000106-36-5	50
5	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	42





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034903.D
Acq On : 01 Oct 2019 21:17
Operator : JC/SP
Sample : K5028-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDL6

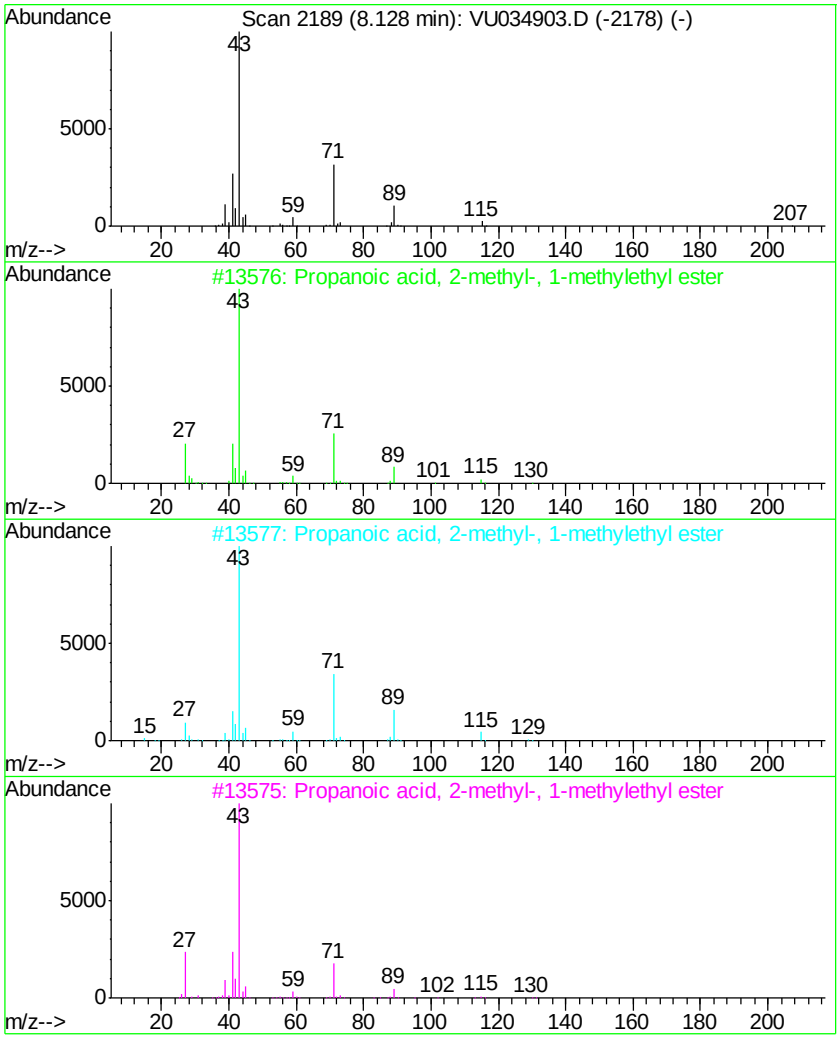
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis

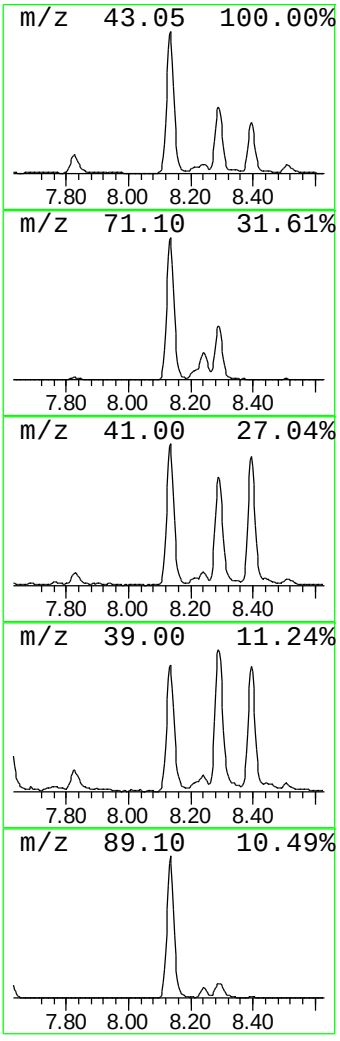
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	17.96 ug/L	426722	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	72
3	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	59
4	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	53
5	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	42





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100219\
Data File : VU034903.D
Acq On : 01 Oct 2019 21:17
Operator : JC/SP
Sample : K5028-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDL6

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

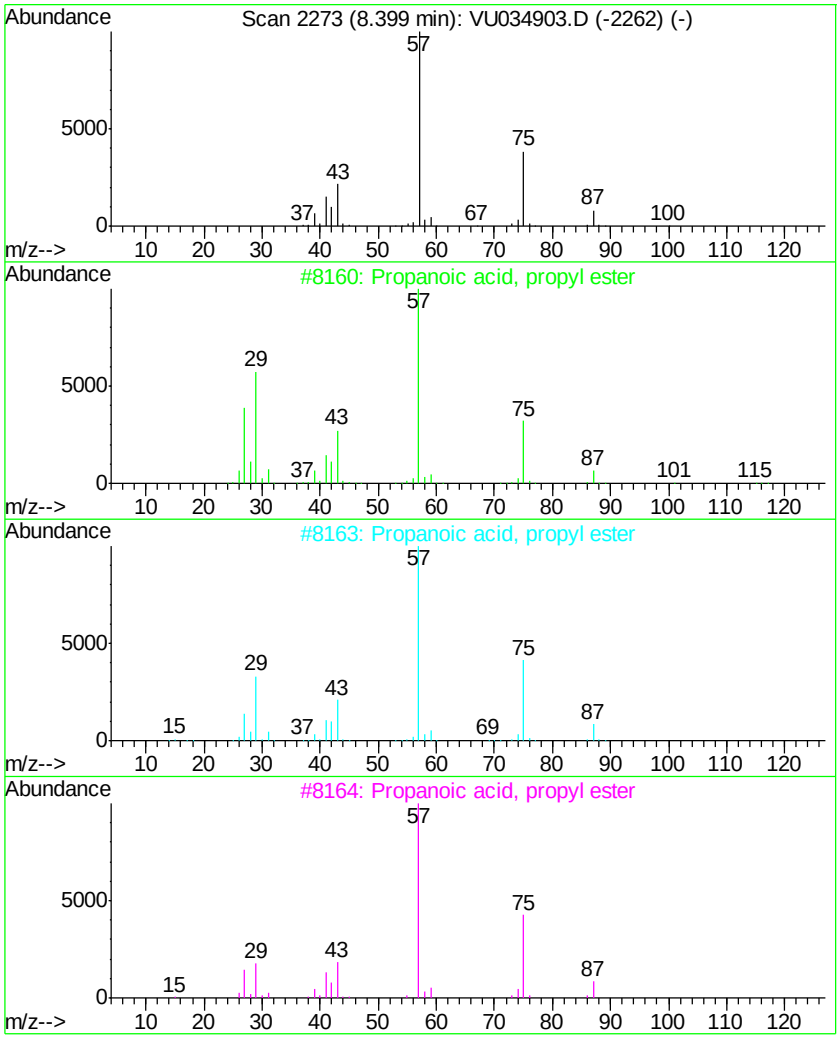
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

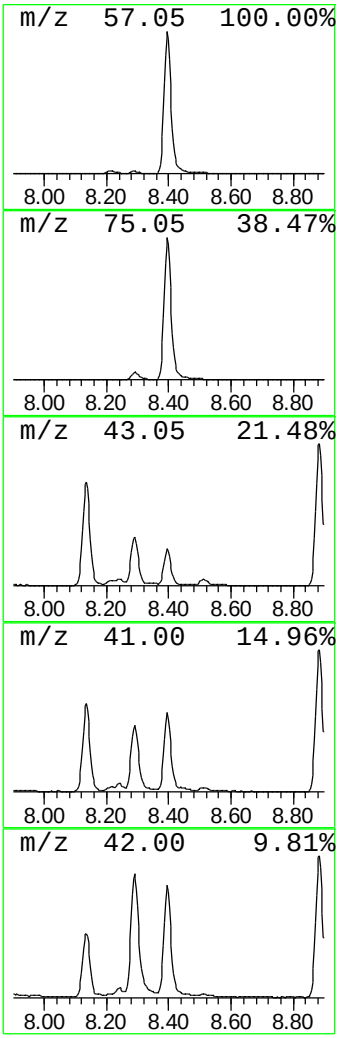
****

Peak Number 7 Propanoic acid, propyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	29.60 ug/L	703418	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	36





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100219\
Data File : VU034903.D
Acq On : 01 Oct 2019 21:17
Operator : JC/SP
Sample : K5028-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDL6

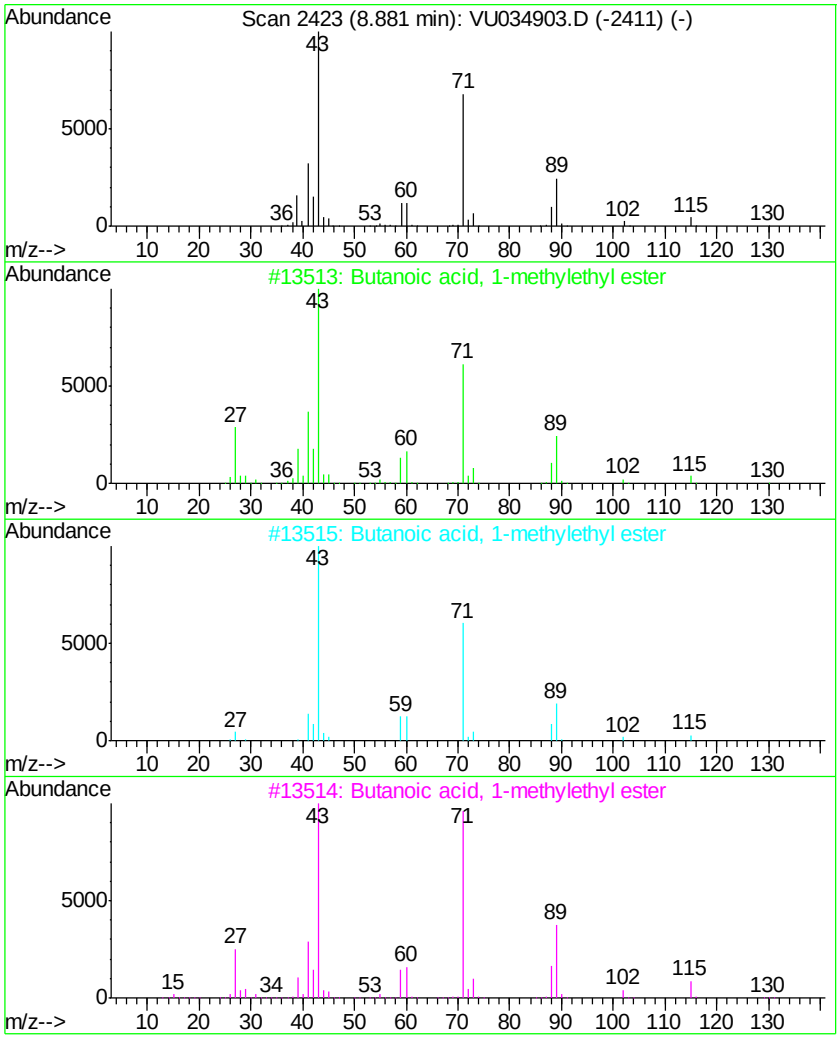
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis

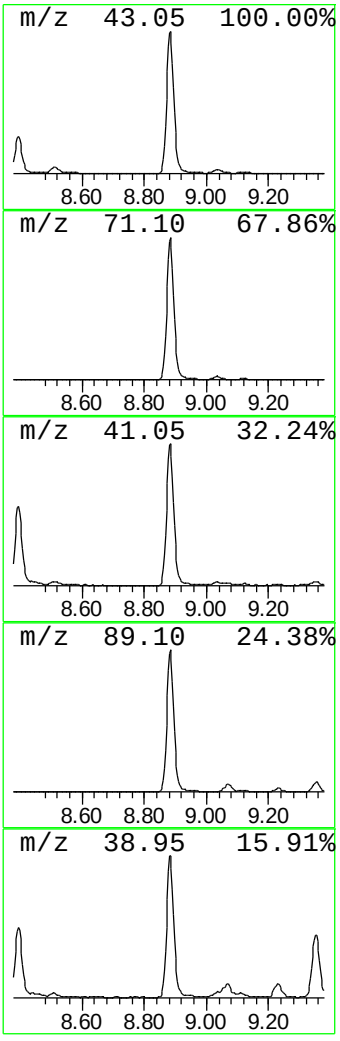
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	35.71 ug/L	848442	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	83
5	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034903.D
Acq On : 01 Oct 2019 21:17
Operator : JC/SP
Sample : K5028-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDL6

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

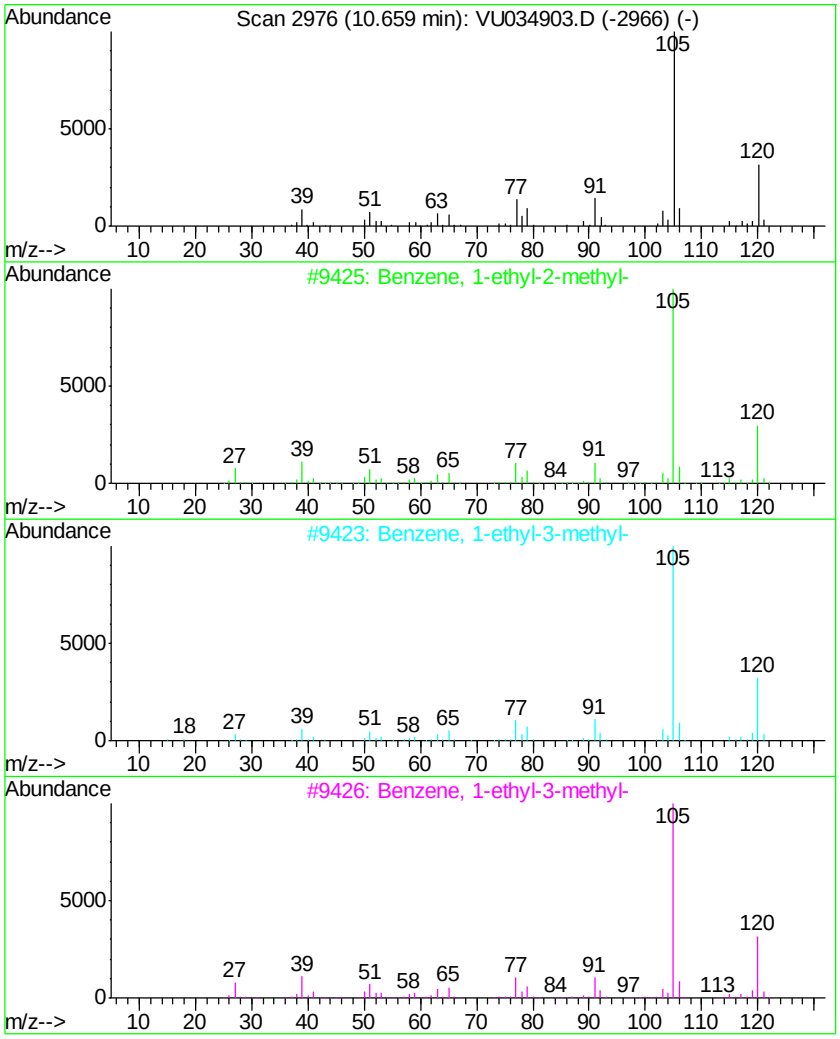
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

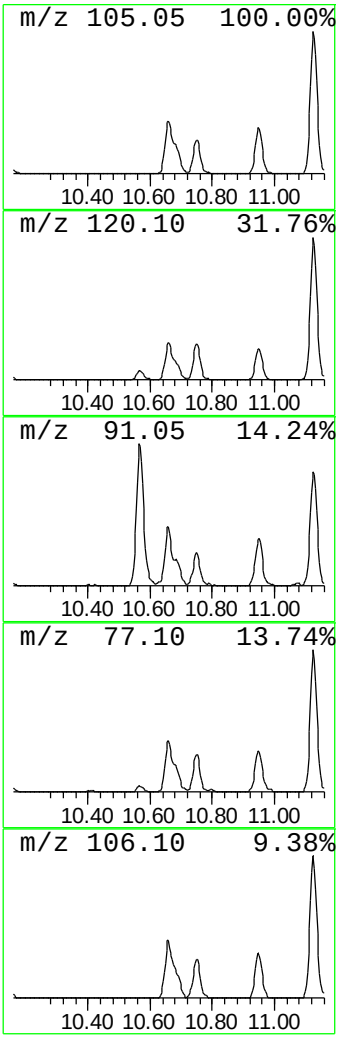
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	9.17 ug/L	189125	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-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Data File : VU034903.D
Acq On : 01 Oct 2019 21:17
Operator : JC/SP
Sample : K5028-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDL6

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

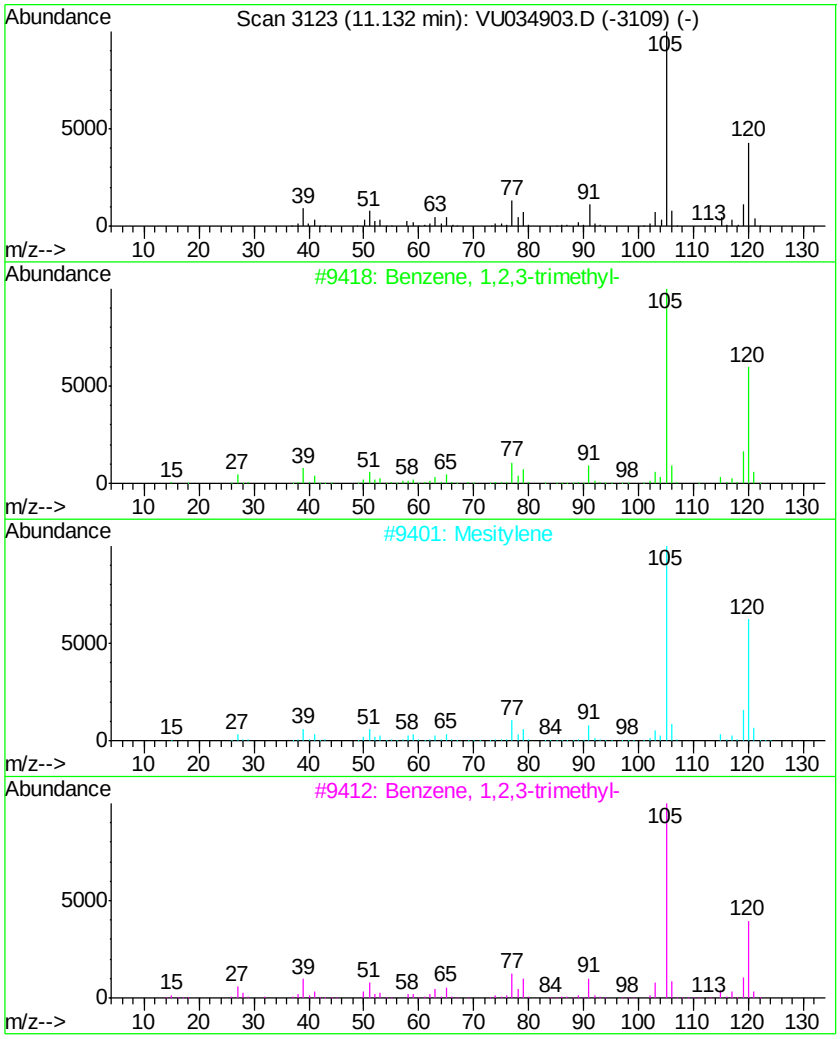
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

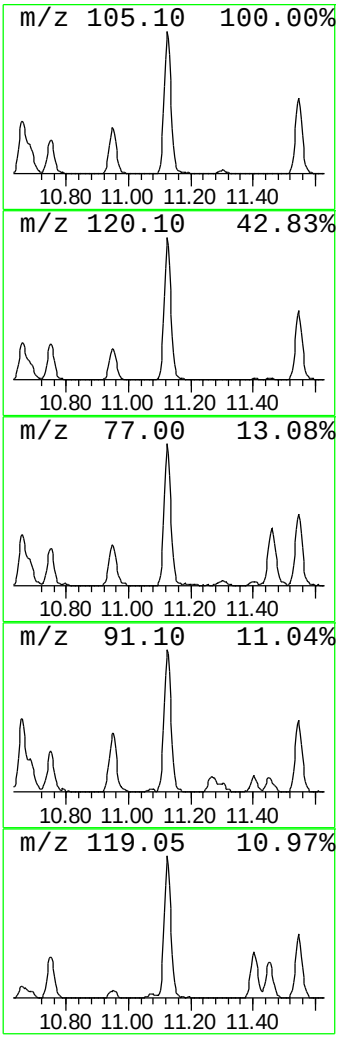
****

Peak Number 12 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	18.93 ug/L	390447	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	Mesitylene	120	C9H12	000108-67-8	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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100219\
Data File : VU034903.D
Acq On : 01 Oct 2019 21:17
Operator : JC/SP
Sample : K5028-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDL6

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

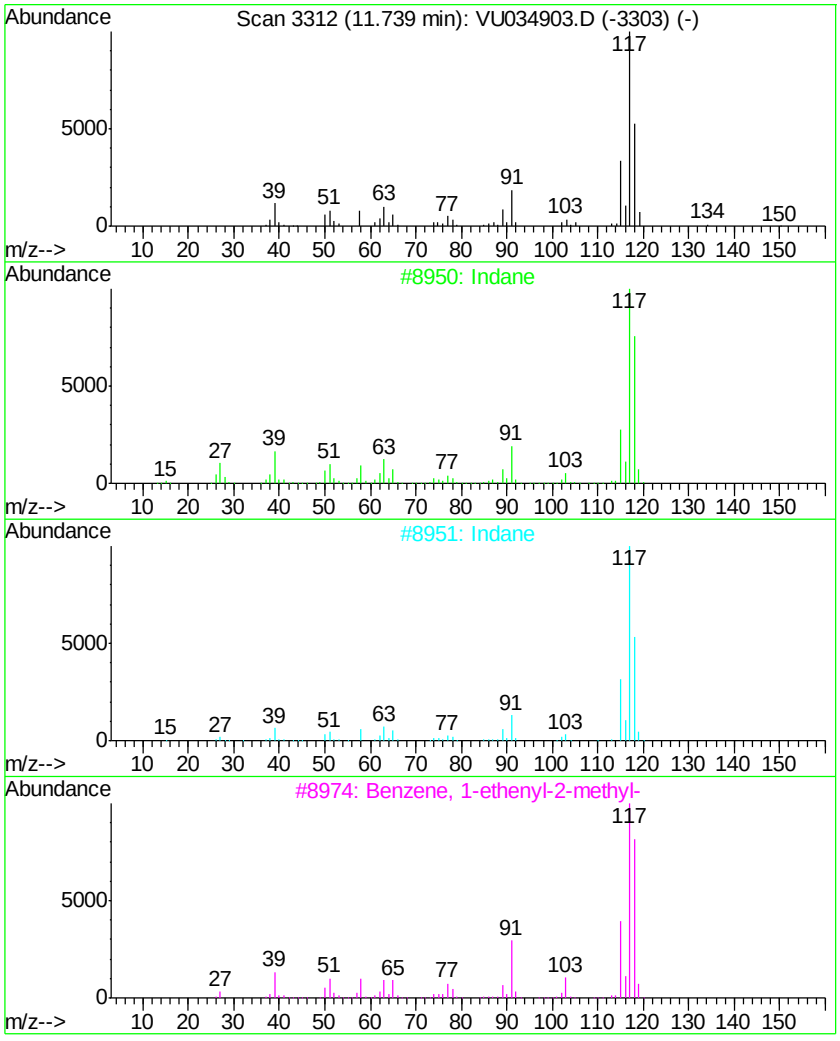
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

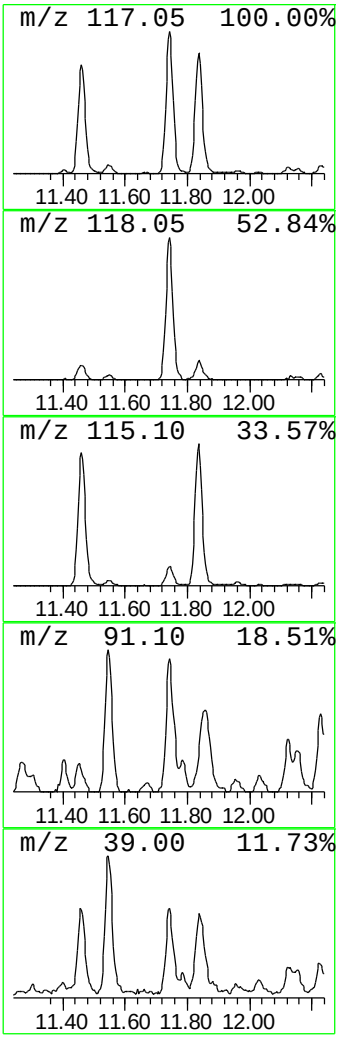
****

Peak Number 14 Indane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	6.74 ug/L	138942	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	94
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	83
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034903.D
Acq On : 01 Oct 2019 21:17
Operator : JC/SP
Sample : K5028-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDL6

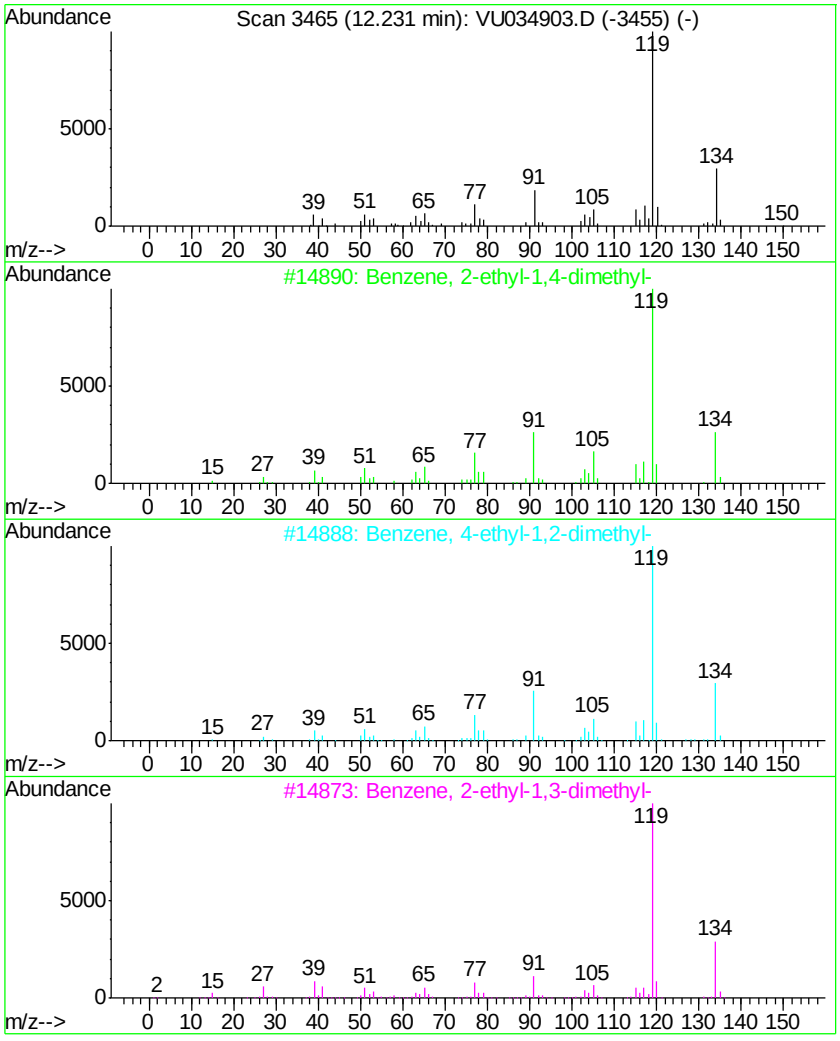
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis

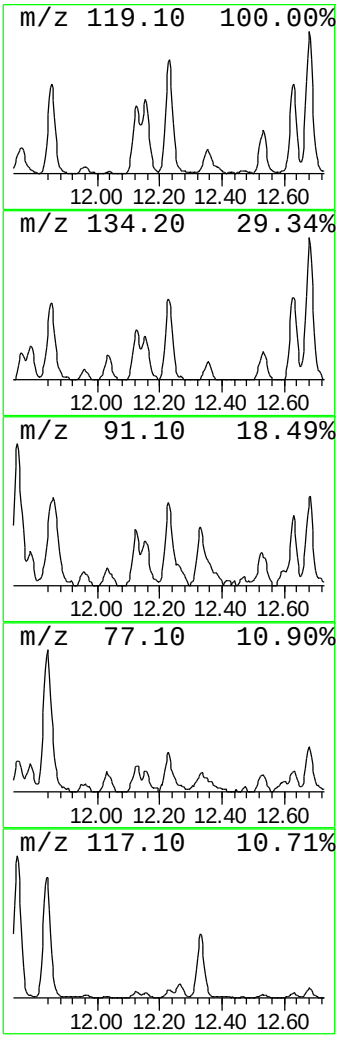
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	2.92 ug/L	60315	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	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034903.D
Acq On : 01 Oct 2019 21:17
Operator : JC/SP
Sample : K5028-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDL6

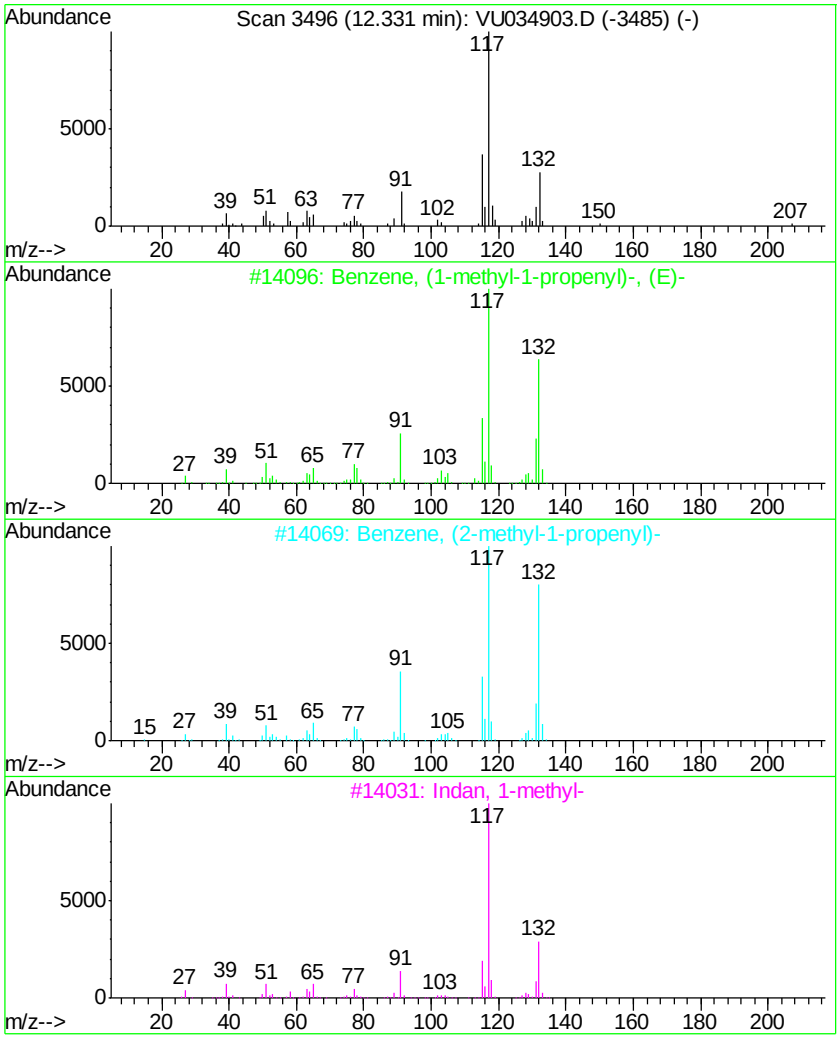
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis

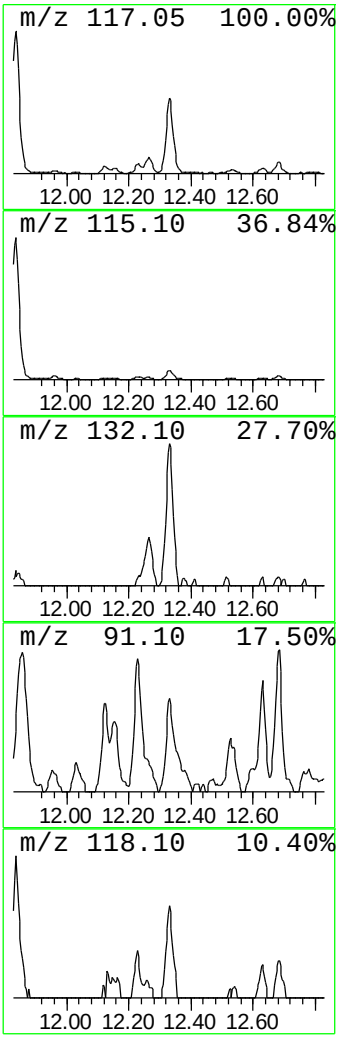
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, (1-methyl-1-propen... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	3.47 ug/L	71636	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	91
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	86
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	86





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034903.D
Acq On : 01 Oct 2019 21:17
Operator : JC/SP
Sample : K5028-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDL6

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

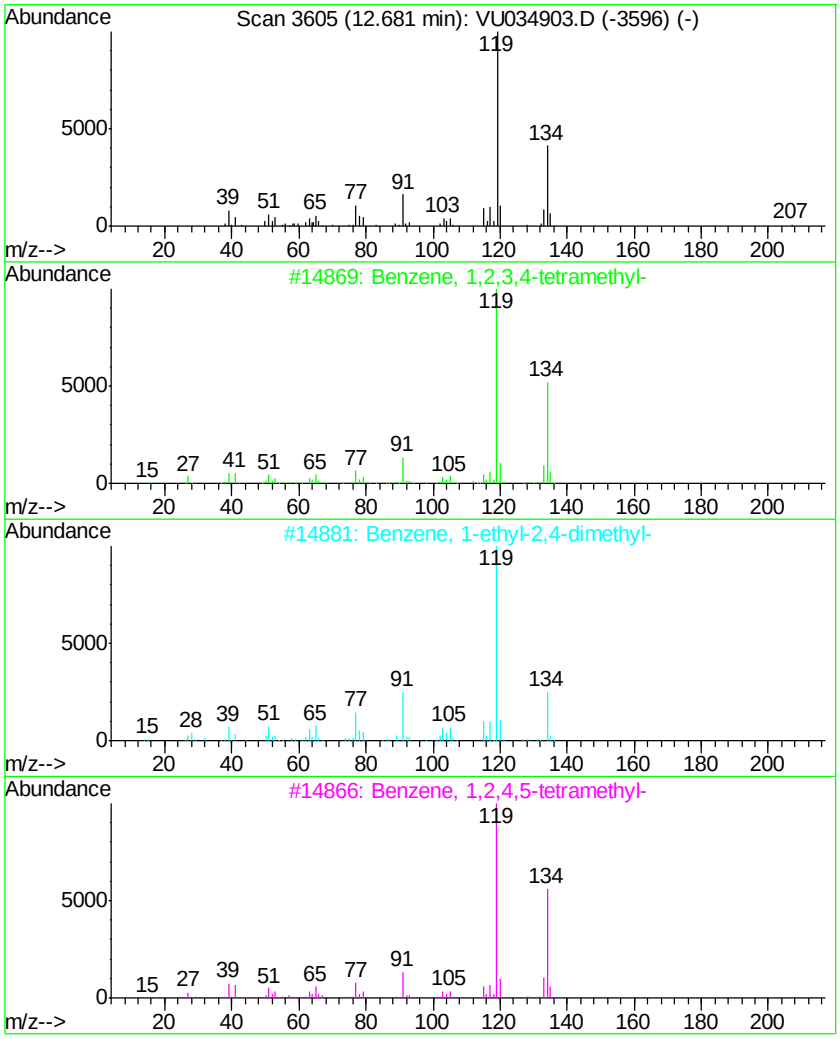
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

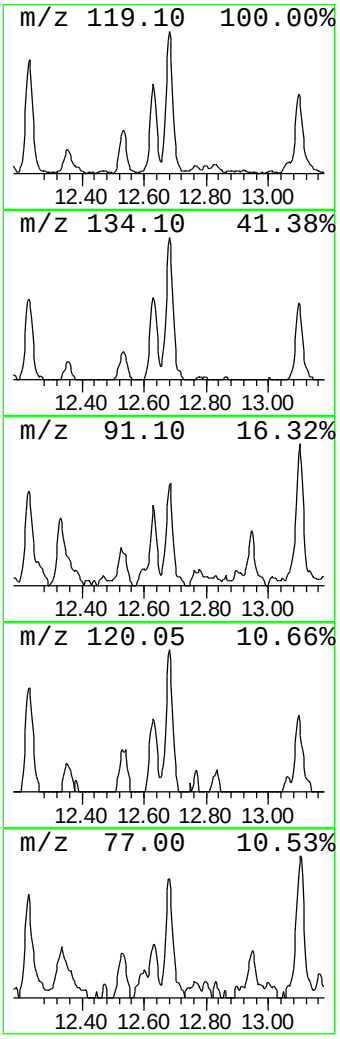
****

Peak Number 17 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	3.96 ug/L	81770	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	95
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100219\
Data File : VU034903.D
Acq On : 01 Oct 2019 21:17
Operator : JC/SP
Sample : K5028-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDL6

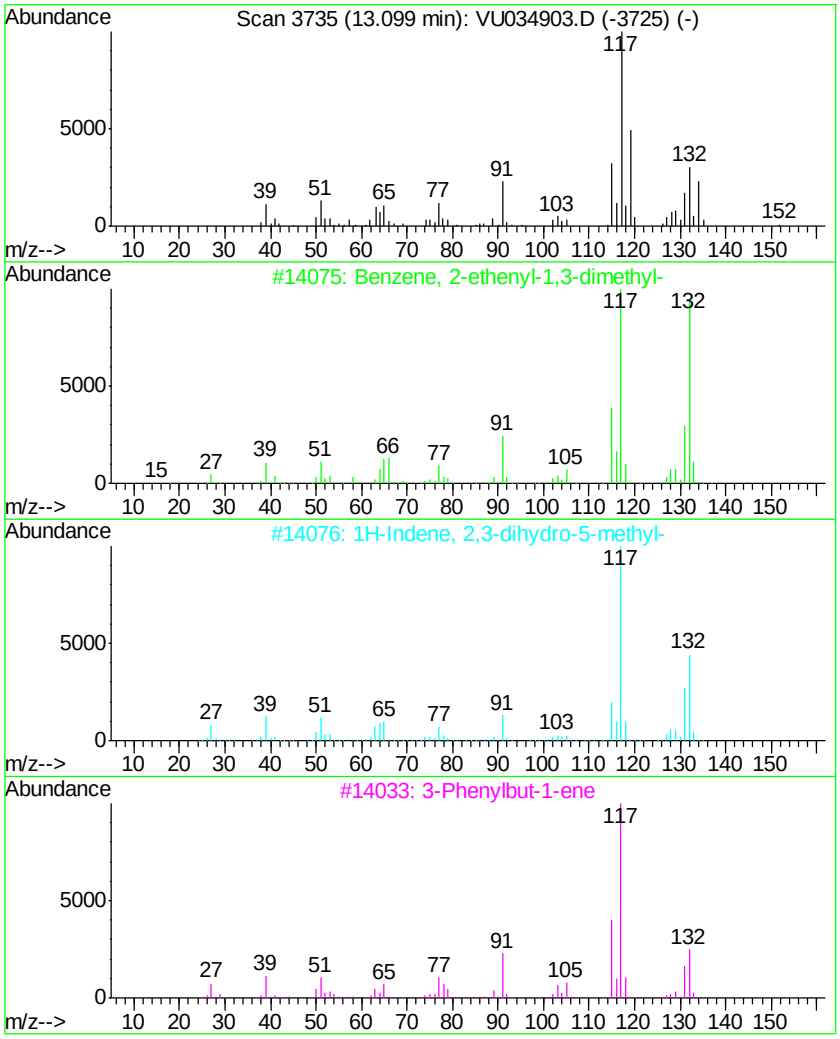
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis

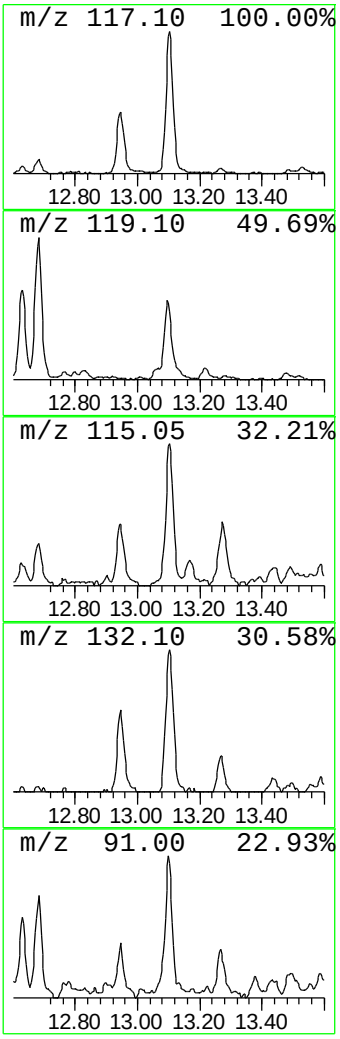
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 2-ethenyl-1,3-dime... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	6.43 ug/L	132649	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	70
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 : VU034903.D
Acq On : 01 Oct 2019 21:17
Operator : JC/SP
Sample : K5028-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDL6

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

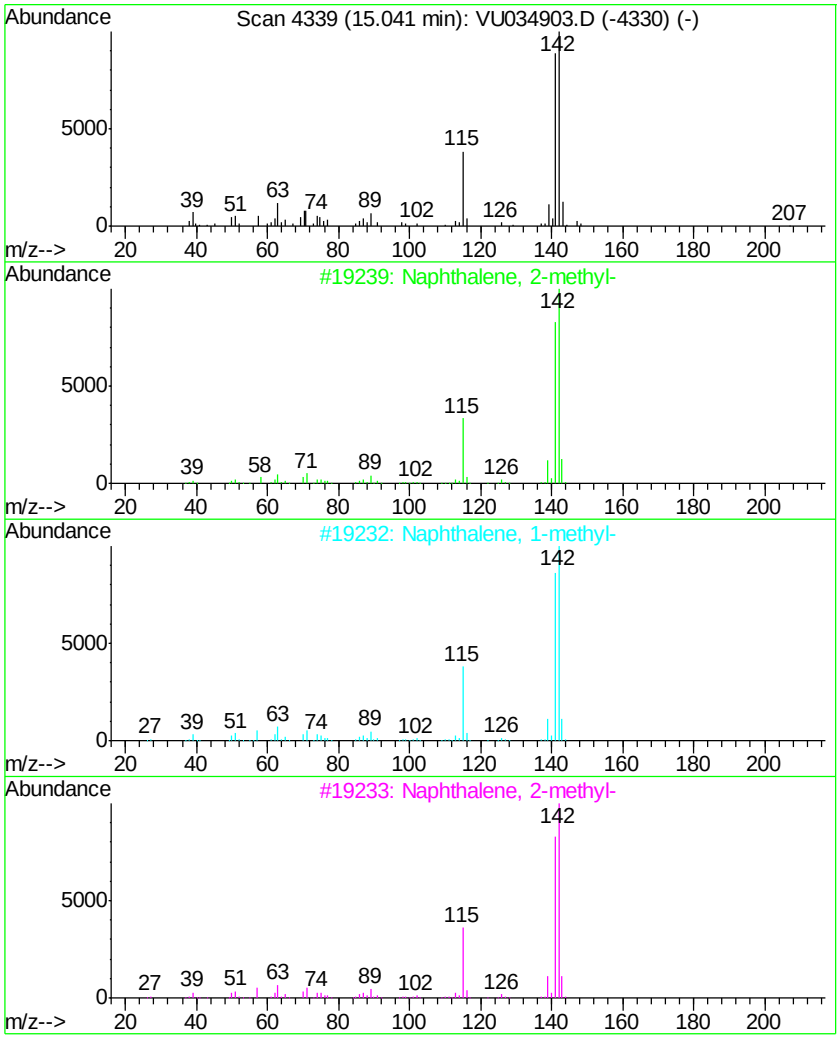
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

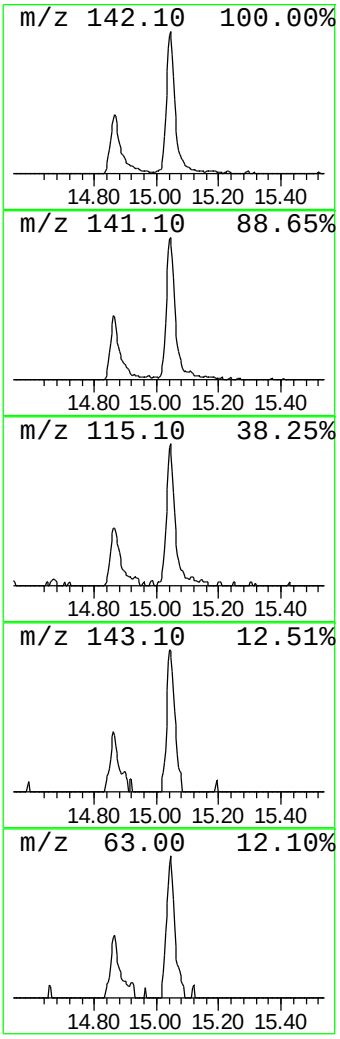
****

Peak Number 20 Naphthalene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	3.85 ug/L	79325	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Benzocycloheptatriene	142	C11H10	000264-09-5	94
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034903.D
Acq On : 01 Oct 2019 21:17
Operator : JC/SP
Sample : K5028-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDL6

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	6.3	ug/L	120245	1	5.86	958772	50.0
n-Propyl acetate	6.68	96.8	ug/L	1855260	1	5.86	958772	50.0
Propanoic acid, 1...	7.40	13.3	ug/L	254002	1	5.86	958772	50.0
Propanoic acid, 2...	8.13	18.0	ug/L	426722	2	9.07	1188130	50.0
Propanoic acid, p...	8.40	29.6	ug/L	703418	2	9.07	1188130	50.0
Butanoic acid, 1-...	8.88	35.7	ug/L	848442	2	9.07	1188130	50.0
Benzene, 1-ethyl-...	10.66	9.2	ug/L	189125	3	11.46	1031380	50.0
Benzene, 1,2,3-tr...	11.13	18.9	ug/L	390447	3	11.46	1031380	50.0
Indane	11.74	6.7	ug/L	138942	3	11.46	1031380	50.0
Benzene, 2-ethyl-...	12.23	2.9	ug/L	60315	3	11.46	1031380	50.0
Benzene, (1-methy...	12.33	3.5	ug/L	71636	3	11.46	1031380	50.0
Benzene, 1,2,3,4-...	12.68	4.0	ug/L	81770	3	11.46	1031380	50.0
Benzene, 2-etheny...	13.10	6.4	ug/L	132649	3	11.46	1031380	50.0
Naphthalene, 1-me...	15.04	3.9	ug/L	79325	3	11.46	1031380	50.0