LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100219\
Data File : VU034902.D
Acq On : 01 Oct 2019 20:54
Operator : JC/SP
Sample : K5028-10
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDL0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.177	22	27	34	rBV	10374	11048	0.63%	0.061%
2	1.392	86	94	103	rBV	169020	175557	10.08%	0.972%
3	1.466	109	117	126	rBV	92979	101541	5.83%	0.562%
4	1.540	134	140	158	rVB4	12521	21379	1.23%	0.118%
5	1.640	165	171	173	rBV	4482	4411	0.25%	0.024%
6	1.672	173	181	195	rVB	139000	174243	10.01%	0.964%
7	1.997	276	282	290	rBV2	8075	11413	0.66%	0.063%
8	2.174	328	337	344	rBV10	2274	4874	0.28%	0.027%
9	2.257	350	363	372	rBV	275612	419291	24.08%	2.321%
10	2.309	372	379	396	rVB	95762	155415	8.93%	0.860%
11	2.434	411	418	419	rBV4	3056	3341	0.19%	0.018%
12	2.608	465	472	484	rVB2	3619	5821	0.33%	0.032%
13	2.685	484	496	516	rBV	163524	296299	17.02%	1.640%
14	2.817	525	537	552	rVB3	8436	19584	1.12%	0.108%
15	3.164	630	645	668	rBV	19770	45088	2.59%	0.250%
16	3.405	711	720	730	rVV7	1248	2455	0.14%	0.014%
17	3.553	755	766	778	rBV8	2097	5200	0.30%	0.029%
18	4.151	938	952	973	rBV	154152	417395	23.97%	2.310%
19	4.244	975	981	1001	rVB2	20581	54784	3.15%	0.303%
20	4.624	1080	1099	1130	rBV	233243	563283	32.35%	3.118%
21	4.865	1169	1174	1184	rVB9	1029	1875	0.11%	0.010%
22	4.961	1198	1204	1217	rVB10	1927	3965	0.23%	0.022%
23	5.315	1290	1314	1351	rBV2	474587	1458303	83.76%	8.072%
24	5.530	1369	1381	1396	rVV2	50705	107696	6.19%	0.596%
25	5.865	1470	1485	1507	rBV	464225	985341	56.59%	5.454%
26	6.308	1609	1623	1643	rBV	337233	675903	38.82%	3.741%
27	6.405	1647	1653	1670	rVB4	8636	18863	1.08%	0.104%
28	6.521	1682	1689	1693	rBV5	3291	4561	0.26%	0.025%
29	6.562	1694	1702	1706	rBV2	8927	14328	0.82%	0.079%
30	6.685	1727	1740	1774	rBV	951135	1741135	100.00%	9.638%
31	6.836	1782	1787	1798	rVB8	7331	12078	0.69%	0.067%
32	7.205	1890	1902	1936	rVV	181685	342549	19.67%	1.896%
33	7.398	1950	1962	1988	rBV	137506	255213	14.66%	1.413%
34	7.543	1992	2007	2024	rBV	644166	1158117	66.52%	6.410%

LSC Area Percent Report

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Operator : JC/SP
Sample : K5028-10
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDL0

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	7.685	2046	2051	2062	rVB7	2474	3606	0.21%	0.020%
36	7.762	2068	2075	2084	rVB7	1959	3978	0.23%	0.022%
37	7.829	2084	2096	2127	rBV2	148053	276856	15.90%	1.532%
38	8.135	2179	2191	2207	rVV	242568	405128	23.27%	2.242%
39	8.218	2208	2217	2218	rVV2	16111	22583	1.30%	0.125%
40	8.241	2219	2224	2230	rVV3	30989	49509	2.84%	0.274%
41	8.289	2230	2239	2262	rVV	591962	1085635	62.35%	6.009%
42	8.395	2262	2272	2298	rVV	367837	633687	36.40%	3.508%
43	8.511	2302	2308	2330	rVB	13505	28584	1.64%	0.158%
44	8.884	2411	2424	2457	rBV	473816	776014	44.57%	4.295%
45	9.067	2462	2481	2513	rVV	671032	1173018	67.37%	6.493%
46	9.231	2522	2532	2546	rBV	19413	31319	1.80%	0.173%
47	9.357	2555	2571	2589	rBV2	46143	83811	4.81%	0.464%
48	9.588	2635	2643	2658	rBV2	11271	20745	1.19%	0.115%
49	9.752	2682	2694	2722	rVB4	95618	184903	10.62%	1.023%
50	9.922	2738	2747	2759	rVV4	2678	6752	0.39%	0.037%
51	10.144	2807	2816	2831	rVB2	11696	19352	1.11%	0.107%
52	10.408	2886	2898	2916	rBV	461224	747412	42.93%	4.137%
53	10.569	2935	2948	2962	rBV	14070	25187	1.45%	0.139%
54	10.684	2968	2984	2996	rBV	14940	37171	2.13%	0.206%
55	10.749	2996	3004	3013	rVV2	8969	13264	0.76%	0.073%
56	10.797	3013	3019	3024	rVB6	1807	2166	0.12%	0.012%
57	10.897	3041	3050	3057	rBV6	3887	6783	0.39%	0.038%
58	10.948	3057	3066	3083	rVB	37290	63231	3.63%	0.350%
59	11.125	3109	3121	3139	rVV	95013	150573	8.65%	0.833%
60	11.228	3147	3153	3157	rVB4	1717	2023	0.12%	0.011%
61	11.270	3157	3166	3168	rBV7	2135	2975	0.17%	0.016%
62	11.302	3169	3176	3184	rVB6	4978	7595	0.44%	0.042%
63	11.401	3200	3207	3213	rVV7	4485	6251	0.36%	0.035%
64	11.459	3213	3225	3243	rVV	617117	1000105	57.44%	5.536%
65	11.546	3243	3252	3264	rVB	61293	97438	5.60%	0.539%
66	11.742	3302	3313	3325	rBV2	59252	105372	6.05%	0.583%
67	11.836	3331	3342	3368	rVB	618456	1063404	61.08%	5.886%
68	11.958	3374	3380	3389	rVB8	4427	6641	0.38%	0.037%
69	12.032	3396	3403	3421	rVB3	8893	16938	0.97%	0.094%
70	12.125	3422	3432	3437	rBV2	14045	20847	1.20%	0.115%
71	12.231	3455	3465	3473	rBV	23560	39186	2.25%	0.217%

LSC Area Percent Report

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDL0

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	12.331	3488	3496	3518	rVB2	20136	40607	2.33%	0.225%
73	12.475	3534	3541	3547	rVB8	1824	2620	0.15%	0.015%
74	12.530	3547	3558	3571	rBV3	9052	15730	0.90%	0.087%
75	12.594	3571	3578	3580	rBV4	4447	4921	0.28%	0.027%
76	12.630	3582	3589	3597	rVV2	21218	34314	1.97%	0.190%
77	12.681	3597	3605	3624	rVB2	36110	57797	3.32%	0.320%
78	12.768	3627	3632	3637	rBV8	2164	2349	0.13%	0.013%
79	12.877	3658	3666	3679	rBV8	6622	13018	0.75%	0.072%
80	12.945	3679	3687	3705	rVB	14074	23975	1.38%	0.133%
81	13.102	3715	3736	3750	rBV4	39342	75859	4.36%	0.420%
82	13.167	3750	3756	3757	rBV5	2411	2496	0.14%	0.014%
83	13.276	3780	3790	3803	rVV9	9201	18357	1.05%	0.102%
84	13.376	3814	3821	3833	rVB9	4498	8361	0.48%	0.046%
85	13.440	3833	3841	3848	rVB4	6497	9108	0.52%	0.050%
86	13.491	3848	3857	3871	rBV4	8327	18966	1.09%	0.105%
87	13.591	3884	3888	3893	rVV4	2707	2964	0.17%	0.016%
88	13.614	3893	3895	3905	rVB6	4103	4362	0.25%	0.024%
89	13.726	3919	3930	3954	rBV	32636	75633	4.34%	0.419%
90	13.826	3957	3961	3966	rBV8	3522	3948	0.23%	0.022%
91	13.919	3981	3990	4008	rBV8	7770	17448	1.00%	0.097%
92	14.134	4045	4057	4062	rBV5	5083	7612	0.44%	0.042%
93	14.324	4106	4116	4125	rBV8	4667	10122	0.58%	0.056%
94	14.456	4149	4157	4163	rBV5	3636	5177	0.30%	0.029%
95	14.520	4170	4177	4188	rVB6	3819	6060	0.35%	0.034%
96	14.626	4202	4210	4216	rBV7	2279	3509	0.20%	0.019%
97	14.864	4274	4284	4296	rBV3	11728	22377	1.29%	0.124%
98	15.044	4330	4340	4361	rBV	40583	77395	4.45%	0.428%
99	16.048	4649	4652	4658	rVB6	2034	2523	0.14%	0.014%
100	16.729	4857	4864	4871	rVB6	3863	5944	0.34%	0.033%

Sum of corrected areas: 18065943

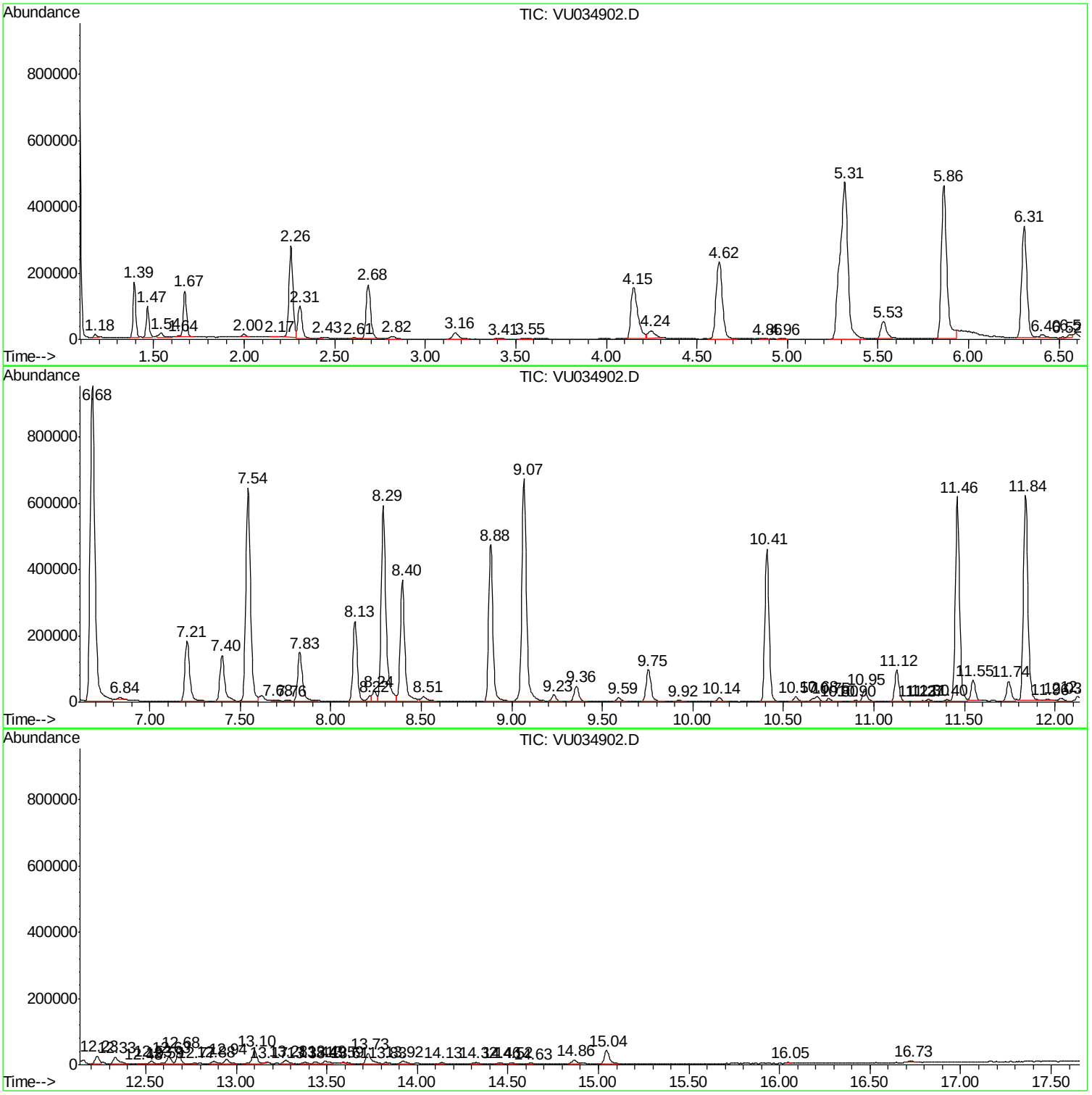
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034902.D
Acq On : 01 Oct 2019 20:54
Operator : JC/SP
Sample : K5028-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDL0

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 : VU034902.D
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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDL0

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

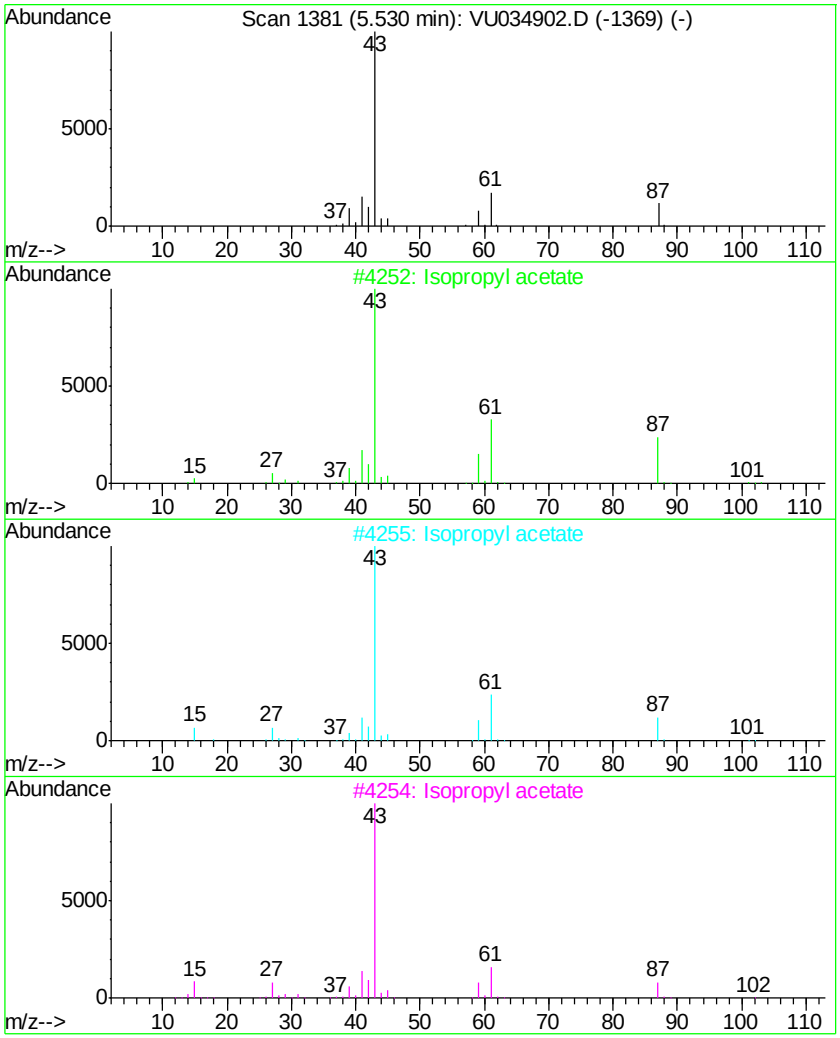
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

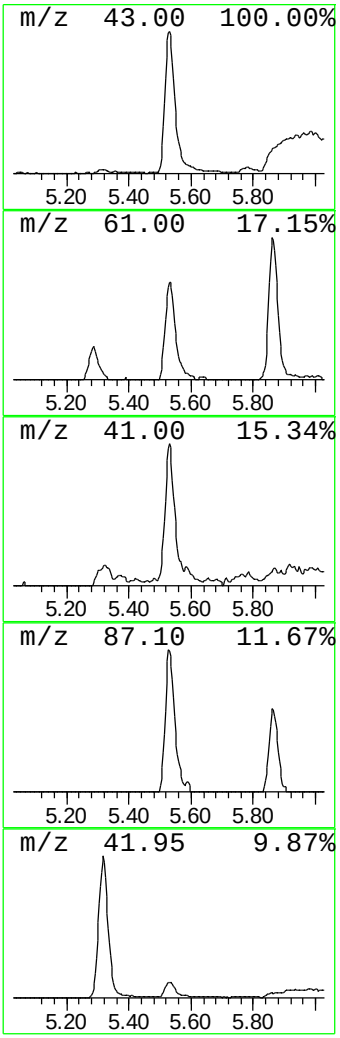
****

Peak Number 2 Isopropyl acetate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.53	5.46 ug/L	107696	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	74
4	Isopropyl acetate	102	C5H10O2	000108-21-4	64
5	Acetaldehyde, O-ethyloxime-	87	C4H9NO	1000288-34-6	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100219\
Data File : VU034902.D
Acq On : 01 Oct 2019 20:54
Operator : JC/SP
Sample : K5028-10
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDL0

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

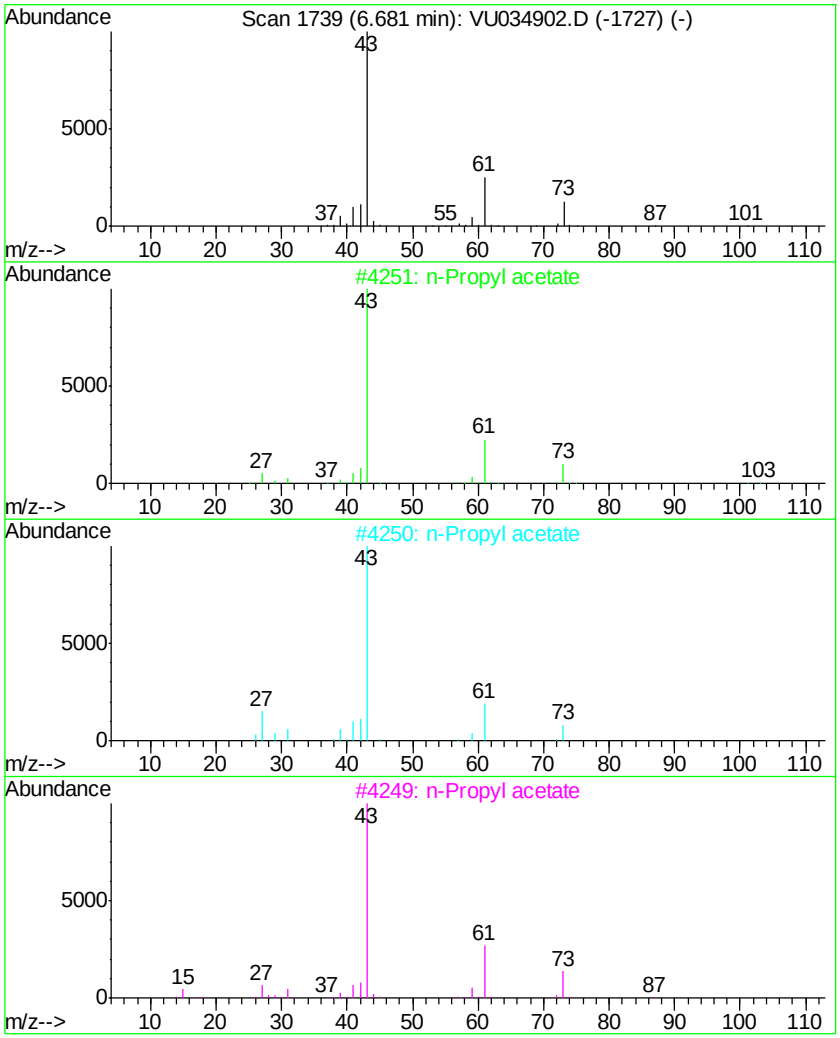
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

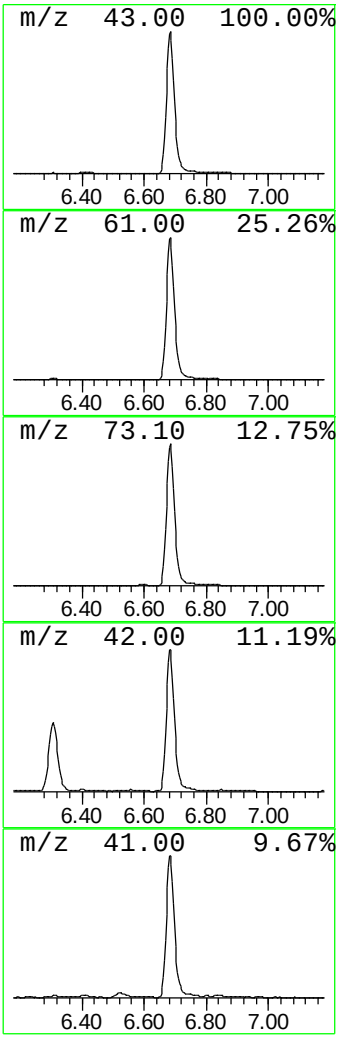
****

Peak Number 3 n-Propyl acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	88.35 ug/L	1741140	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

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Instrument : MSVOA_U
ClientSampleId : BFDL0

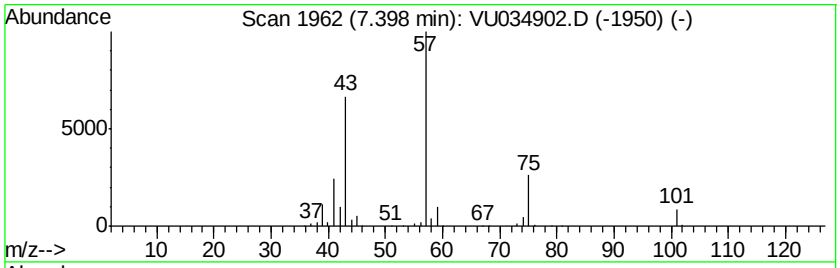
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis

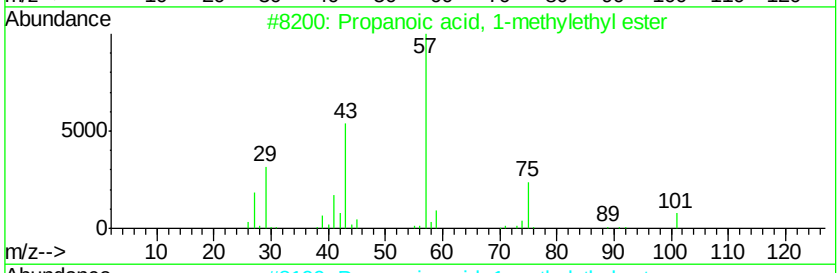
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

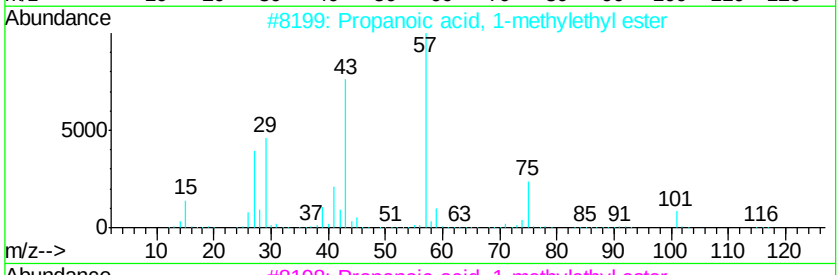
****
Peak Number 5 Propanoic acid, 1-methyleth... Concentration Rank 6

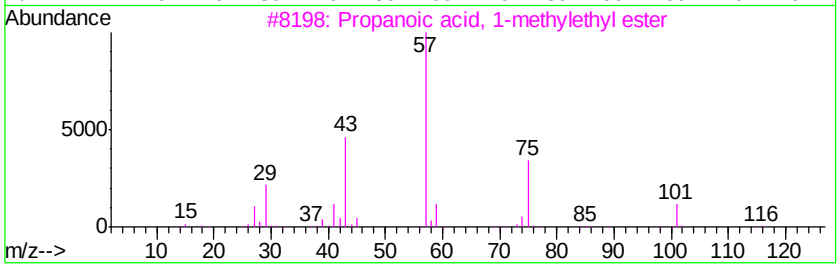
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	12.95 ug/L	255213	1,4-Difluorobenzene	5.86

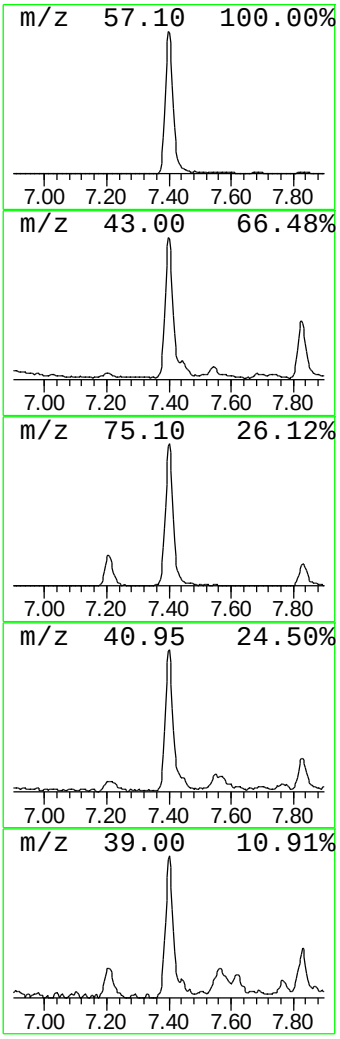
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	83
2	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	83
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	72
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	56
5	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	40











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Instrument : MSVOA_U
ClientSampleId : BFDL0

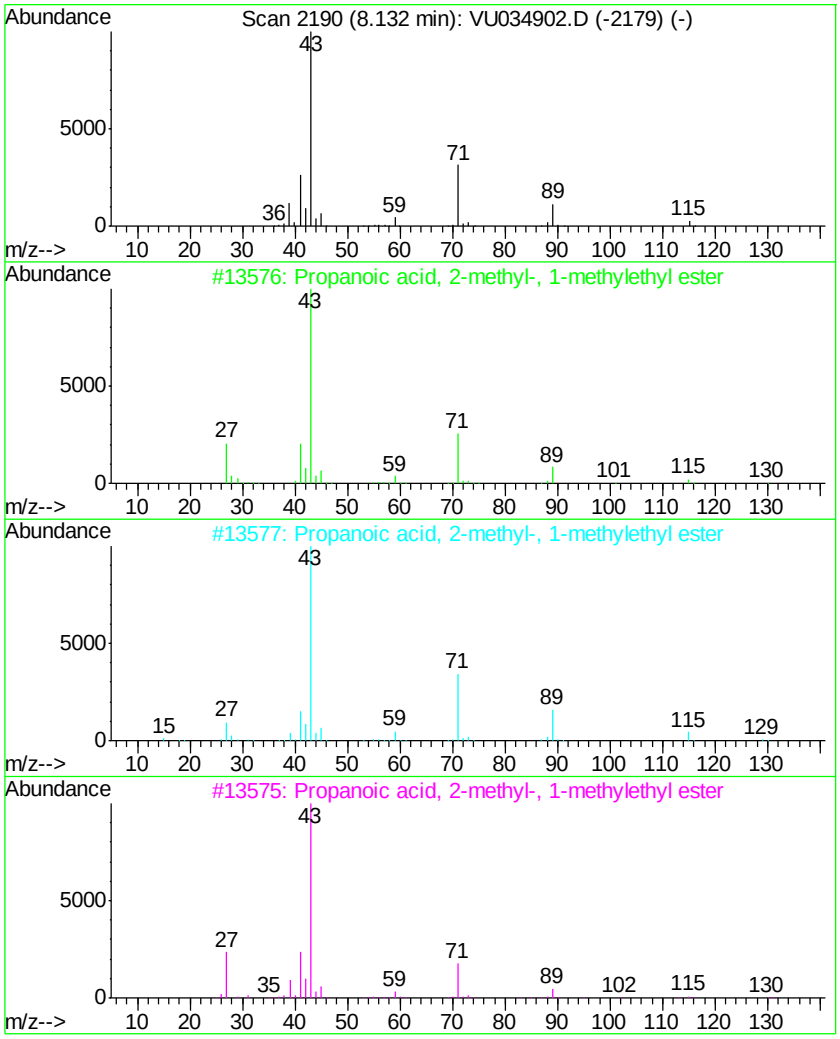
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis

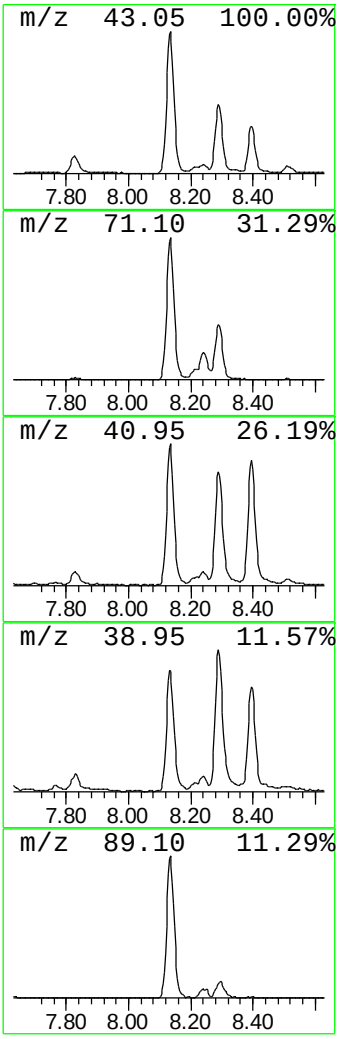
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	17.27 ug/L	405128	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	59
5	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	42





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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDL0

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

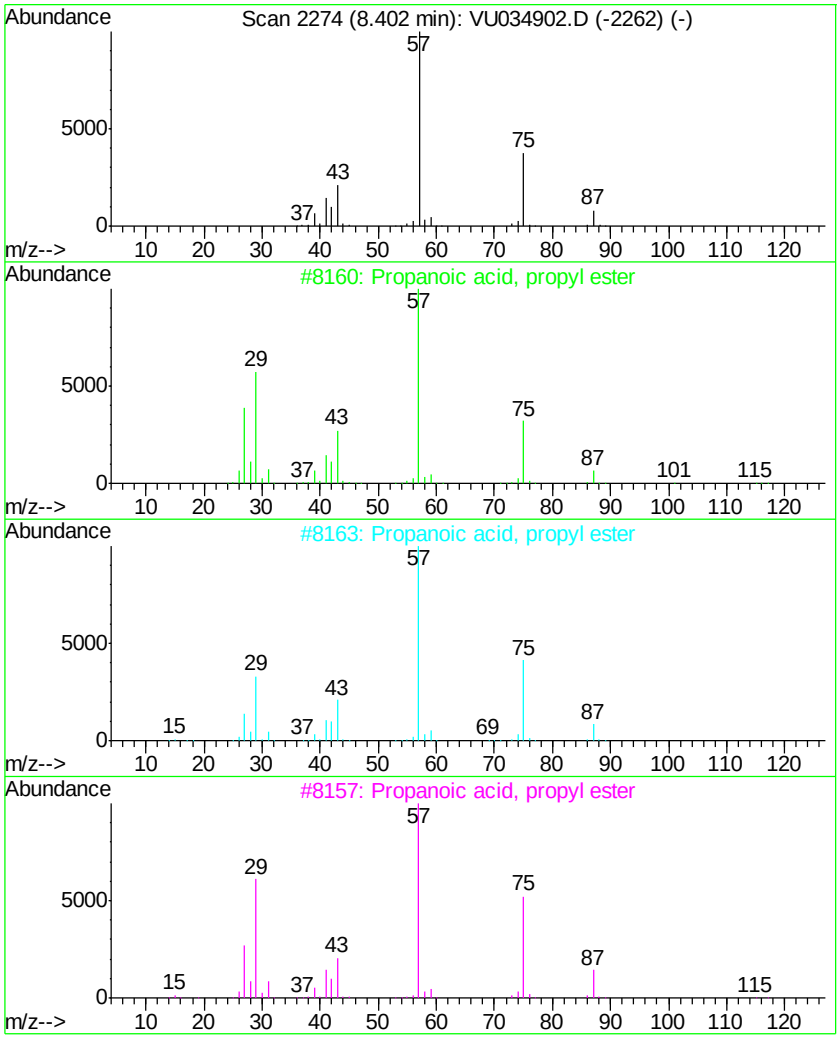
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

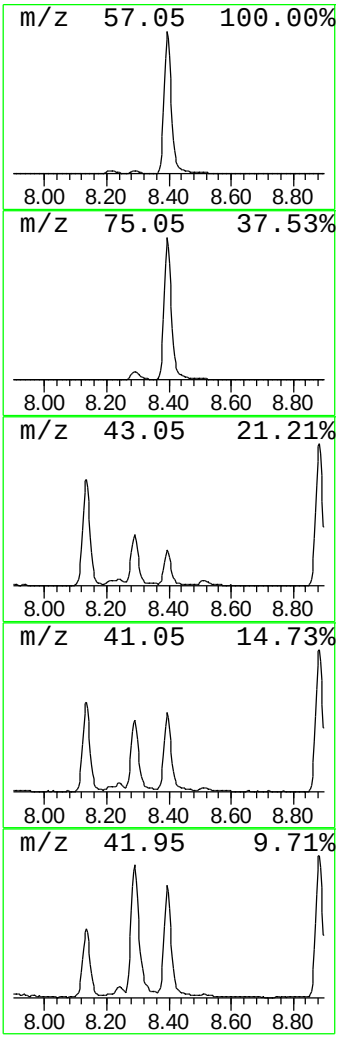
****

Peak Number 7 Propanoic acid, propyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	27.01 ug/L	633687	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	78
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	36





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034902.D
Acq On : 01 Oct 2019 20:54
Operator : JC/SP
Sample : K5028-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDL0

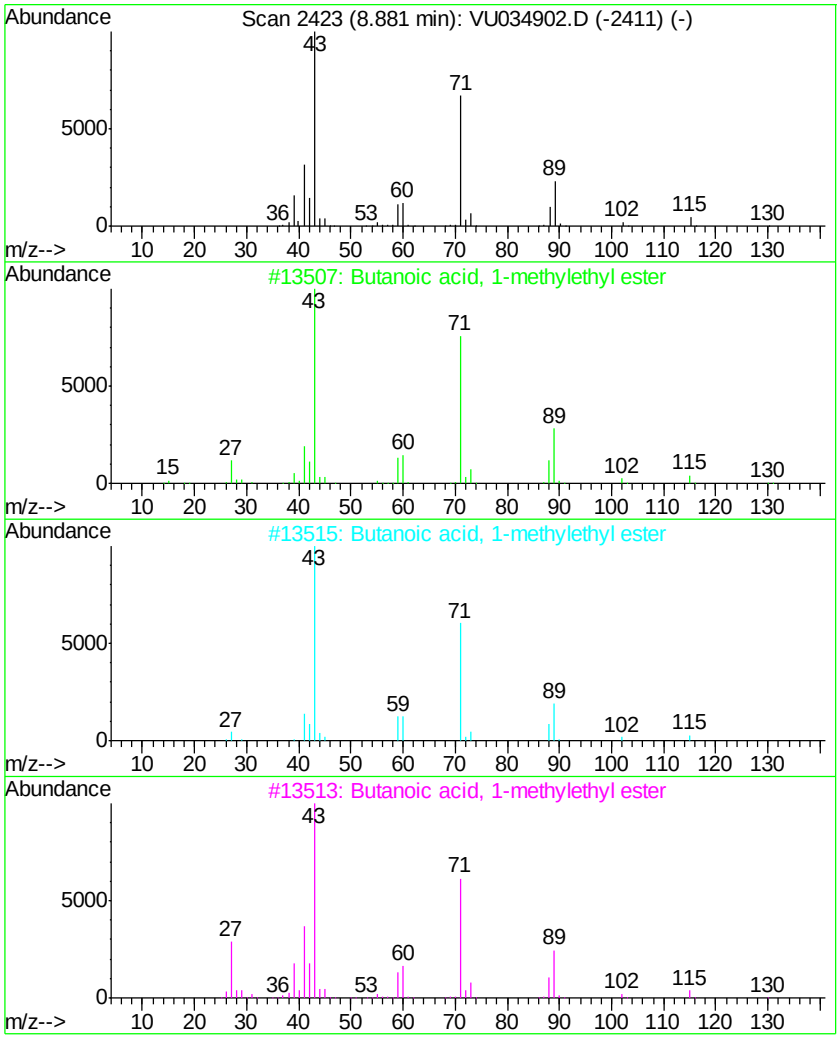
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis

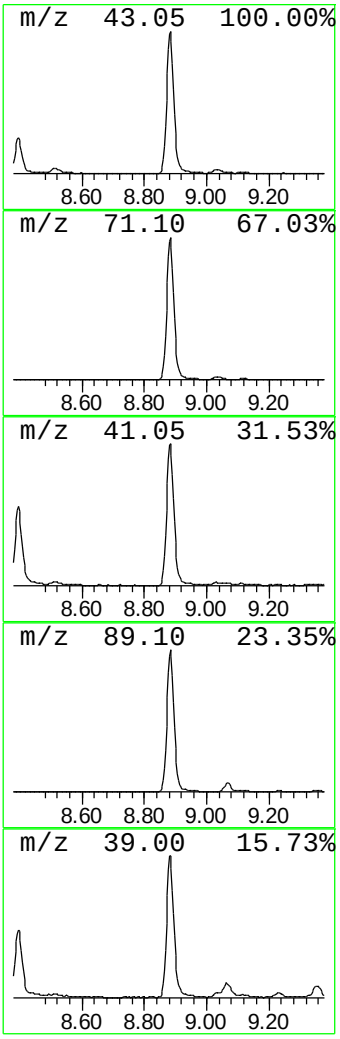
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	33.08 ug/L	776014	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-, 1-met...	130	C7H14O2	000617-50-5	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034902.D
Acq On : 01 Oct 2019 20:54
Operator : JC/SP
Sample : K5028-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDL0

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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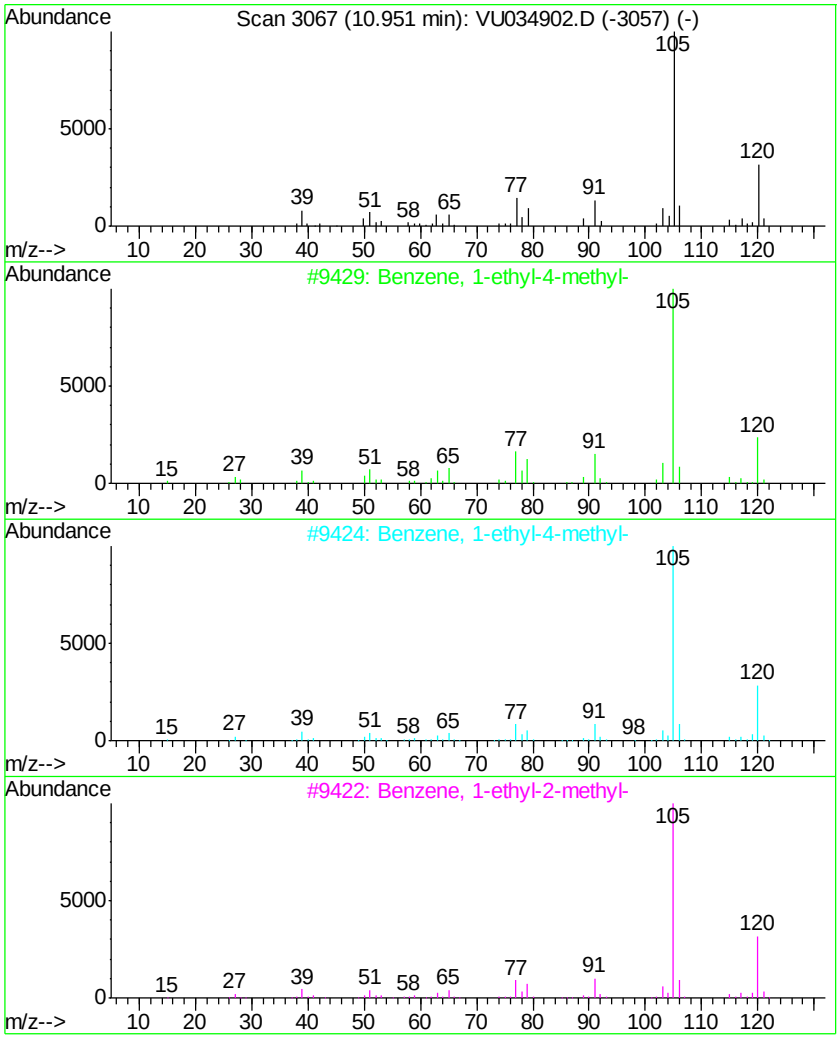
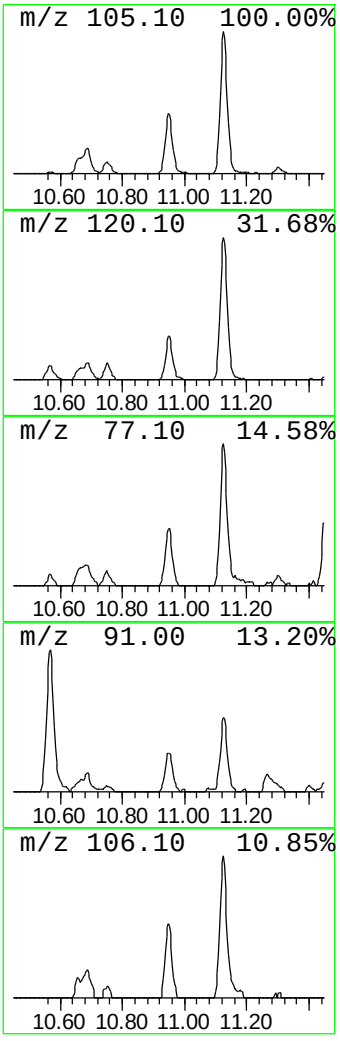
Peak Number 9 Benzene, 1-ethyl-4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	3.16 ug/L	63231	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-4-methyl-	120	C9H12	000622-96-8	91
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





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Data File : VU034902.D
Acq On : 01 Oct 2019 20:54
Operator : JC/SP
Sample : K5028-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDL0

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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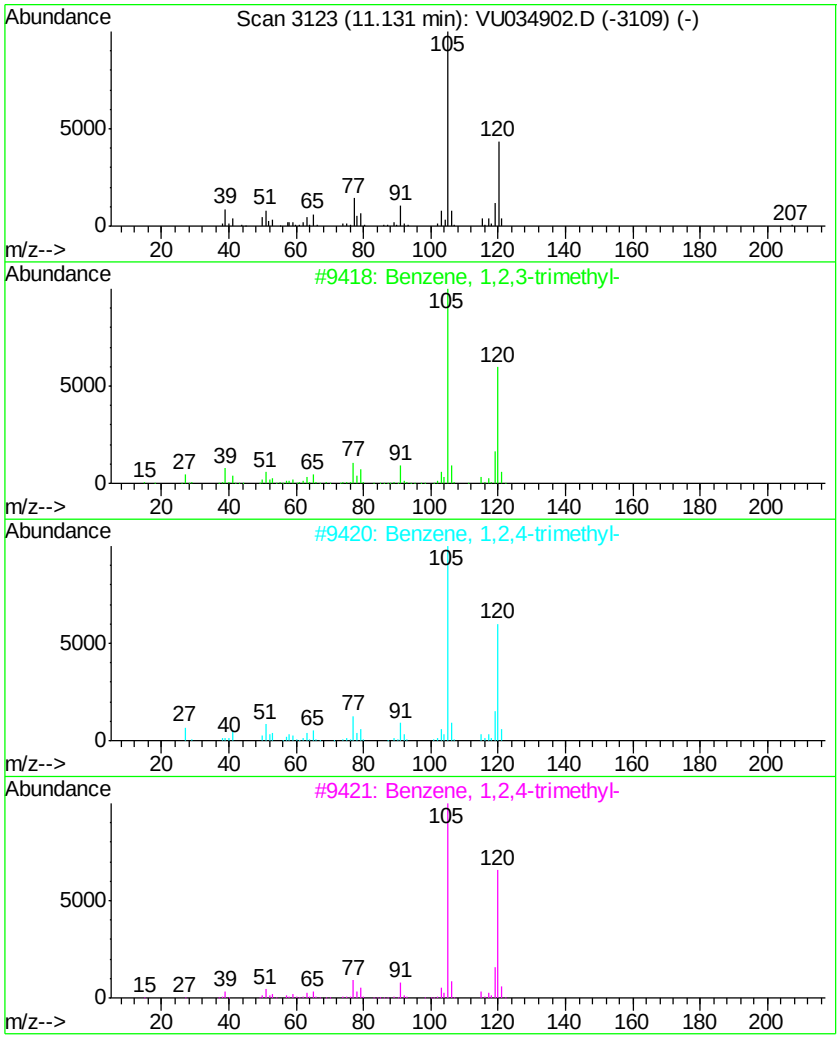
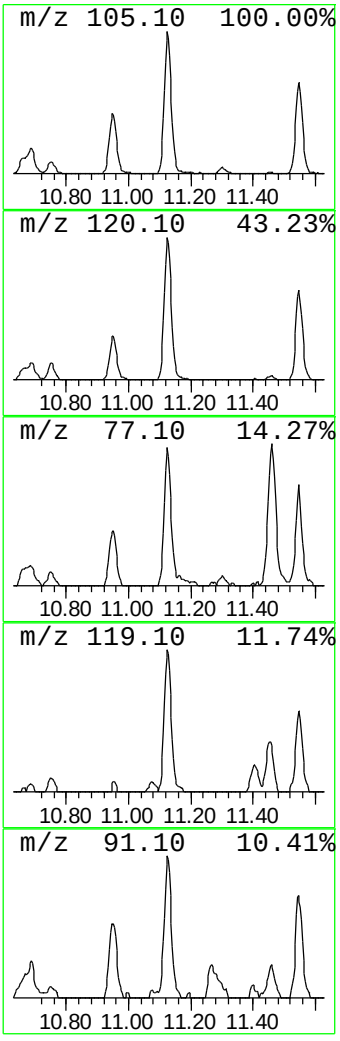
Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	7.53 ug/L	150573	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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Mesitylene	120	C9H12	000108-67-8	93
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100219\
Data File : VU034902.D
Acq On : 01 Oct 2019 20:54
Operator : JC/SP
Sample : K5028-10
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDL0

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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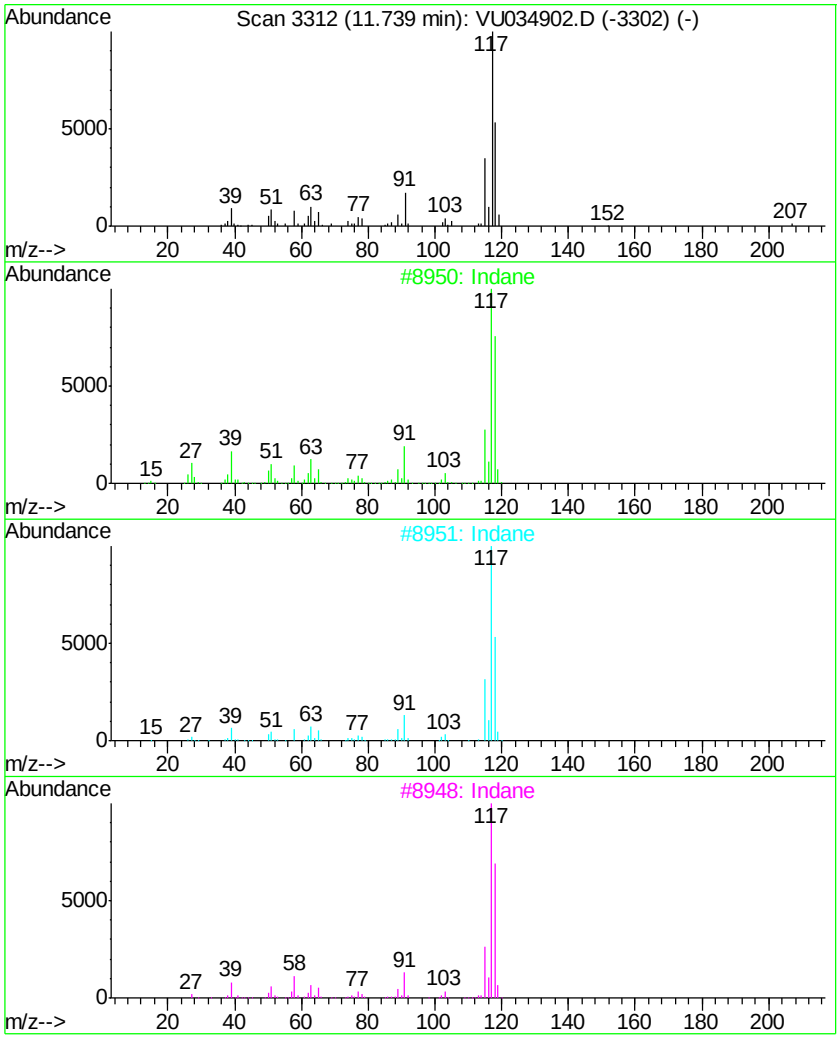
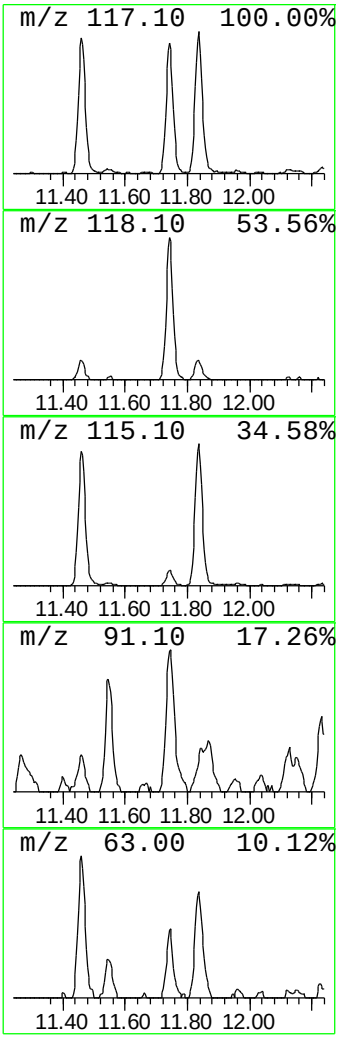
Peak Number 12 Indane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	5.27 ug/L	105372	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	Indane	118	C9H10	000496-11-7	93
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	83
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 : VU034902.D
Acq On : 01 Oct 2019 20:54
Operator : JC/SP
Sample : K5028-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDL0

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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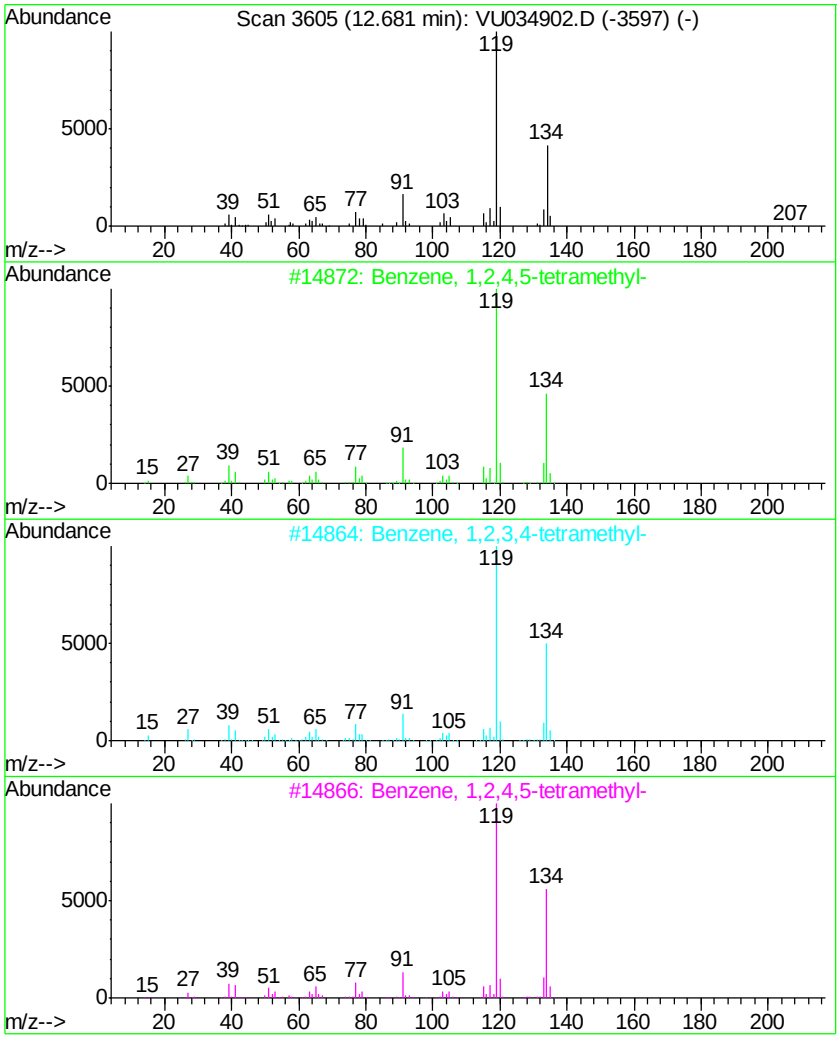
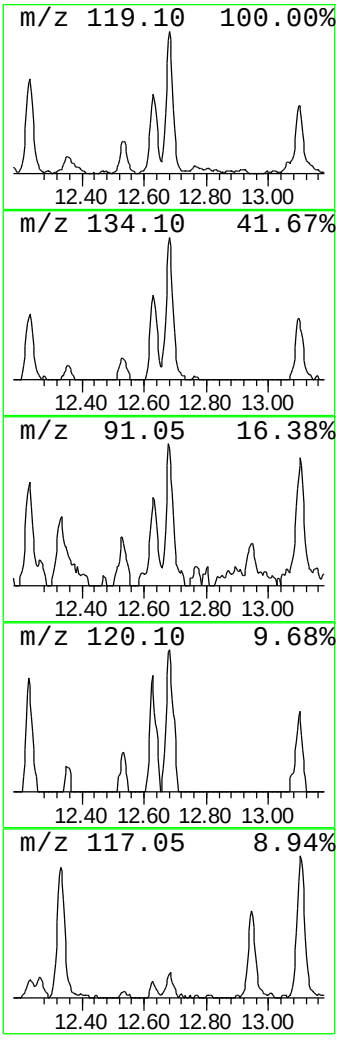
Peak Number 13 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	2.89 ug/L	57797	1,4-Dichlorobenzene-d4	11.46

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034902.D
Acq On : 01 Oct 2019 20:54
Operator : JC/SP
Sample : K5028-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDL0

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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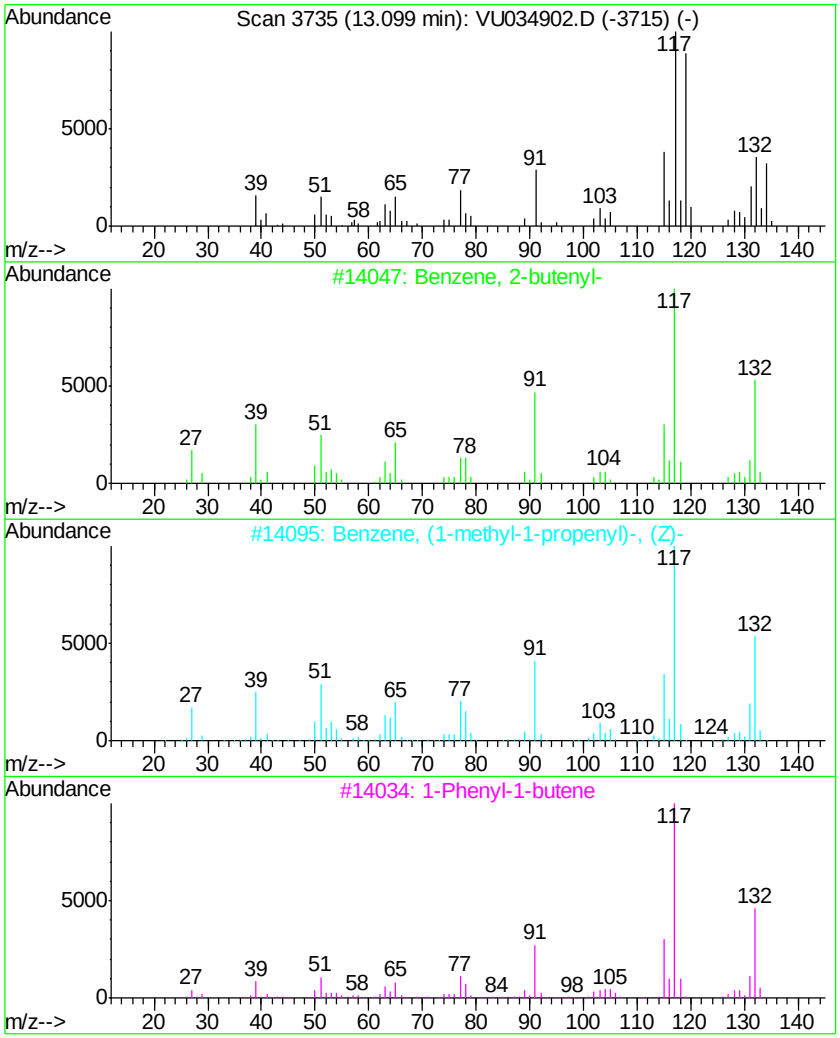
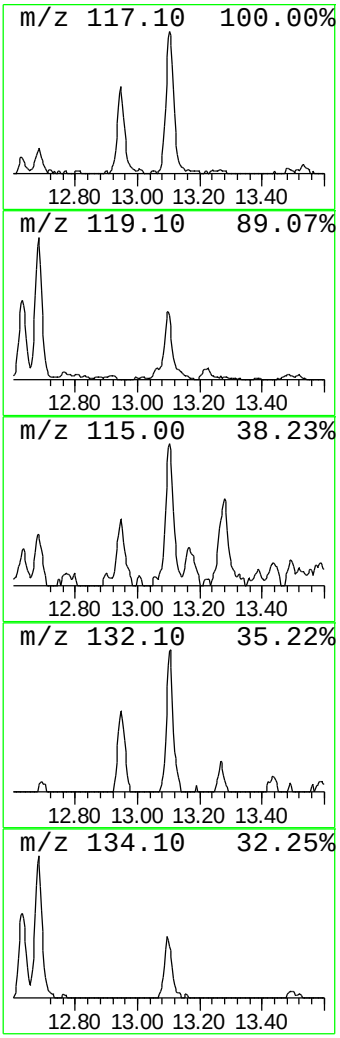
Peak Number 14 Benzene, 2-butenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	3.79 ug/L	75859	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	70
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	55
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	55
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	55





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100219\
Data File : VU034902.D
Acq On : 01 Oct 2019 20:54
Operator : JC/SP
Sample : K5028-10
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDL0

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

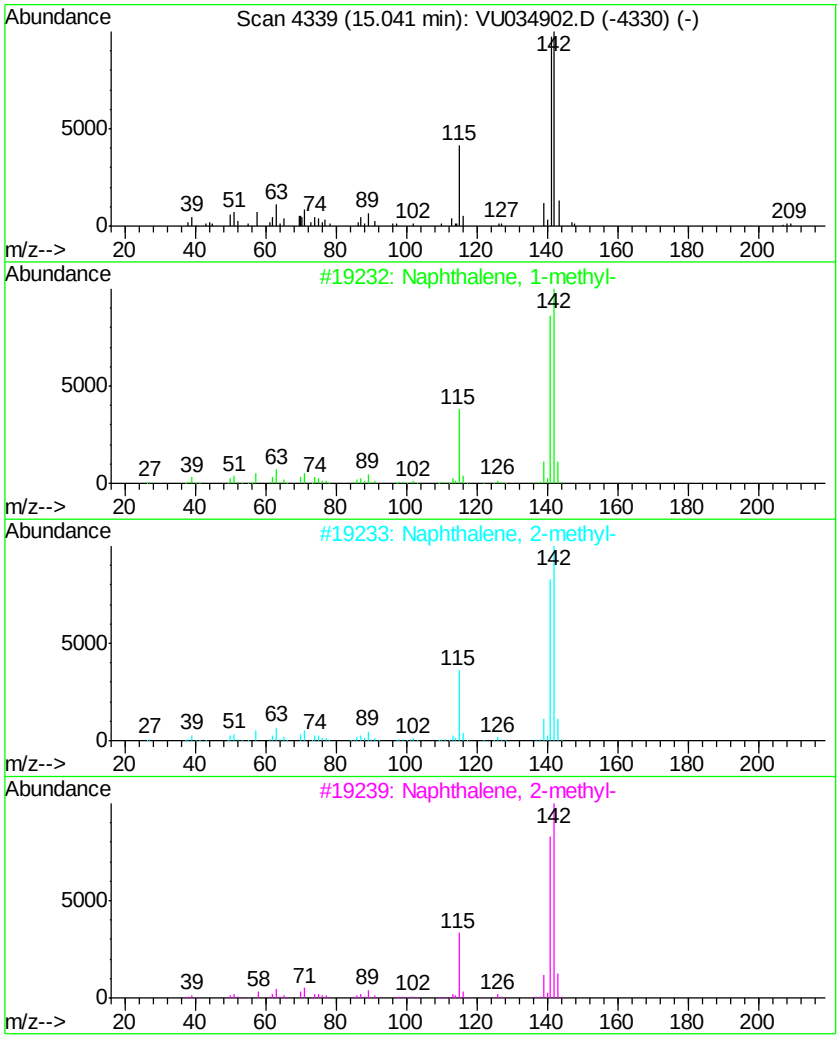
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

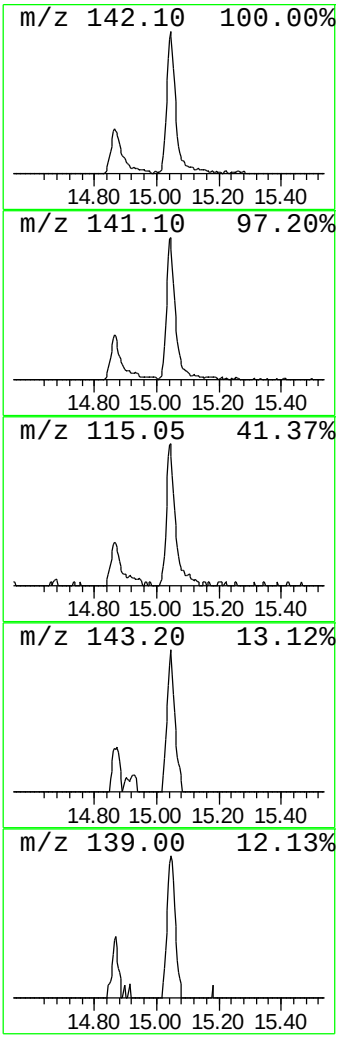
****

Peak Number 16 Naphthalene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	3.87 ug/L	77395	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
5	Benzocycloheptatriene	142	C11H10	000264-09-5	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Data File : VU034902.D
Acq On : 01 Oct 2019 20:54
Operator : JC/SP
Sample : K5028-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDL0

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	5.5	ug/L	107696	1	5.86	985341	50.0
n-Propyl acetate	6.68	88.3	ug/L	1741140	1	5.86	985341	50.0
Propanoic acid, 1...	7.40	12.9	ug/L	255213	1	5.86	985341	50.0
Propanoic acid, 2...	8.13	17.3	ug/L	405128	2	9.07	1173020	50.0
Propanoic acid, p...	8.40	27.0	ug/L	633687	2	9.07	1173020	50.0
Butanoic acid, 1-...	8.88	33.1	ug/L	776014	2	9.07	1173020	50.0
Benzene, 1-ethyl-...	10.95	3.2	ug/L	63231	3	11.46	1000110	50.0
Benzene, 1,2,3-tr...	11.13	7.5	ug/L	150573	3	11.46	1000110	50.0
Indane	11.74	5.3	ug/L	105372	3	11.46	1000110	50.0
Benzene, 1,2,4,5-...	12.68	2.9	ug/L	57797	3	11.46	1000110	50.0
Benzene, 2-butenyl-	13.10	3.8	ug/L	75859	3	11.46	1000110	50.0
Naphthalene, 1-me...	15.04	3.9	ug/L	77395	3	11.46	1000110	50.0