LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092519\
Data File : VU034823.D
Acq On : 25 Sep 2019 23:28
Operator : JC/SP
Sample : K4983-13
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM8

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\SOMULM091919WMA.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	38	rBV3	15207	16122	0.48%	0.050%
2	1.392	83	94	107	rVV	311234	351161	10.35%	1.098%
3	1.466	108	117	129	rVV	113779	132625	3.91%	0.415%
4	1.547	133	142	154	rVB2	40916	65062	1.92%	0.204%
5	1.672	173	181	194	rVB	249234	318236	9.38%	0.995%
6	1.749	200	205	213	rVB3	15973	18552	0.55%	0.058%
7	2.171	330	336	343	rBV6	9358	14706	0.43%	0.046%
8	2.257	350	363	372	rBV	439762	701786	20.69%	2.195%
9	2.306	372	378	398	rVB	154933	252953	7.46%	0.791%
10	2.685	483	496	516	rBV	118808	220211	6.49%	0.689%
11	3.164	633	645	659	rBV	28688	61208	1.80%	0.191%
12	3.547	752	764	775	rBV	4720	12005	0.35%	0.038%
13	3.971	876	896	912	rBV4	25749	73694	2.17%	0.231%
14	4.071	916	927	933	rBV9	6541	11885	0.35%	0.037%
15	4.151	937	952	974	rBV2	249947	668813	19.72%	2.092%
16	4.621	1082	1098	1119	rBV	334273	805253	23.74%	2.519%
17	4.759	1134	1141	1154	rVB7	8836	17840	0.53%	0.056%
18	5.315	1291	1314	1328	rBV2	731431	2216292	65.34%	6.933%
19	5.531	1365	1381	1413	rVB	85563	218841	6.45%	0.685%
20	5.862	1472	1484	1500	rBV	550925	1149247	33.88%	3.595%
21	6.167	1572	1579	1603	rVB	21362	56035	1.65%	0.175%
22	6.305	1608	1622	1641	rBV2	504010	1015620	29.94%	3.177%
23	6.402	1645	1652	1664	rVB4	24991	46628	1.37%	0.146%
24	6.511	1678	1686	1694	rBV3	23878	41781	1.23%	0.131%
25	6.682	1727	1739	1769	rBV	1886293	3391945	100.00%	10.610%
26	7.042	1843	1851	1860	rVB10	7110	13679	0.40%	0.043%
27	7.206	1890	1902	1926	rBV	285972	530749	15.65%	1.660%
28	7.399	1951	1962	1972	rBV	193696	339824	10.02%	1.063%
29	7.543	1994	2007	2021	rBV	1005453	1807820	53.30%	5.655%
30	7.614	2021	2029	2044	rVB	179743	317708	9.37%	0.994%
31	7.829	2084	2096	2110	rBV2	251729	449433	13.25%	1.406%
32	8.135	2179	2191	2205	rBV	270443	458905	13.53%	1.436%
33	8.209	2206	2214	2219	rBV4	31442	50676	1.49%	0.159%
34	8.241	2219	2224	2229	rVB2	26376	30681	0.90%	0.096%

LSC Area Percent Report

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Operator : JC/SP
Sample : K4983-13
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM8

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\SOMULM091919WMA.M
Title : VOC Analysis

35	8.289	2229	2239	2262	rBV	943800	1601161	47.20%	5.009%
36	8.395	2262	2272	2283	rBV	553773	854209	25.18%	2.672%
37	8.508	2301	2307	2323	rVB2	29743	51959	1.53%	0.163%
38	8.884	2411	2424	2449	rVV	538330	881685	25.99%	2.758%
39	9.067	2459	2481	2507	rBV	799233	1502315	44.29%	4.699%
40	9.228	2521	2531	2542	rBV	167194	268735	7.92%	0.841%
41	9.354	2555	2570	2584	rBV	317456	537823	15.86%	1.682%
42	9.424	2585	2592	2599	rVV5	12529	24339	0.72%	0.076%
43	9.476	2600	2608	2617	rVV3	56664	95082	2.80%	0.297%
44	9.585	2635	2642	2654	rBV2	18220	31748	0.94%	0.099%
45	9.755	2684	2695	2719	rVB3	303634	532443	15.70%	1.666%
46	9.932	2736	2750	2762	rVB6	23804	55835	1.65%	0.175%
47	10.013	2765	2775	2786	rVV8	30865	66358	1.96%	0.208%
48	10.077	2788	2795	2804	rVV6	18528	35332	1.04%	0.111%
49	10.144	2805	2816	2829	rVB2	76766	127726	3.77%	0.400%
50	10.299	2856	2864	2874	rBV2	11328	18094	0.53%	0.057%
51	10.408	2887	2898	2923	rBV	709040	1164157	34.32%	3.642%
52	10.566	2934	2947	2961	rBV	66861	143779	4.24%	0.450%
53	10.659	2967	2976	2980	rBV	84576	125810	3.71%	0.394%
54	10.749	2996	3004	3014	rVB	62892	90351	2.66%	0.283%
55	10.900	3040	3051	3057	rBV3	30698	53063	1.56%	0.166%
56	10.948	3057	3066	3086	rVV	112831	232067	6.84%	0.726%
57	11.058	3090	3100	3110	rVV7	30938	55909	1.65%	0.175%
58	11.125	3111	3121	3138	rVV	253816	401413	11.83%	1.256%
59	11.302	3170	3176	3184	rBV8	16578	27058	0.80%	0.085%
60	11.402	3201	3207	3214	rVB3	21200	27645	0.82%	0.086%
61	11.460	3214	3225	3243	rVV	789636	1294549	38.17%	4.049%
62	11.546	3244	3252	3264	rVB	146798	222902	6.57%	0.697%
63	11.691	3286	3297	3305	rBV	139873	216973	6.40%	0.679%
64	11.742	3305	3313	3323	rVV3	159247	261764	7.72%	0.819%
65	11.836	3331	3342	3368	rVB2	1043002	2007607	59.19%	6.280%
66	11.958	3372	3380	3390	rBV2	46245	73288	2.16%	0.229%
67	12.032	3396	3403	3420	rVB2	31762	58018	1.71%	0.181%
68	12.122	3424	3431	3437	rBV2	37433	58510	1.72%	0.183%
69	12.228	3457	3464	3471	rBV	52670	74184	2.19%	0.232%
70	12.331	3488	3496	3514	rVB2	61557	120334	3.55%	0.376%
71	12.469	3532	3539	3547	rBV2	12783	21851	0.64%	0.068%

LSC Area Percent Report

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Acq On : 25 Sep 2019 23:28
Operator : JC/SP
Sample : K4983-13
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM8

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\SOMULM091919WMA.M
Title : VOC Analysis

72	12.530	3548	3558	3567	rVV3	32543	65502	1.93%	0.205%
73	12.595	3571	3578	3582	rVV2	44780	71410	2.11%	0.223%
74	12.627	3583	3588	3596	rVV2	79341	122495	3.61%	0.383%
75	12.681	3596	3605	3622	rVB	137334	218027	6.43%	0.682%
76	12.762	3626	3630	3637	rVB8	11581	14640	0.43%	0.046%
77	12.868	3657	3663	3669	rBV9	9678	14579	0.43%	0.046%
78	12.942	3679	3686	3702	rVB2	60823	98938	2.92%	0.309%
79	13.099	3717	3735	3749	rBV3	154402	287183	8.47%	0.898%
80	13.164	3750	3755	3767	rVV5	30921	49461	1.46%	0.155%
81	13.270	3778	3788	3805	rVB4	65313	127179	3.75%	0.398%
82	13.376	3814	3821	3830	rVB7	40588	64471	1.90%	0.202%
83	13.434	3833	3839	3847	rVB4	22699	34295	1.01%	0.107%
84	13.488	3848	3856	3870	rBV10	36750	78125	2.30%	0.244%
85	13.588	3884	3887	3904	rVB4	31775	55287	1.63%	0.173%
86	13.720	3917	3928	3953	rBV	367663	638191	18.81%	1.996%
87	13.836	3957	3964	3976	rVB4	20190	43593	1.29%	0.136%
88	13.922	3981	3991	4006	rBV4	24968	57082	1.68%	0.179%
89	14.131	4048	4056	4071	rVB5	22573	44000	1.30%	0.138%
90	14.318	4105	4114	4127	rBV6	19652	43346	1.28%	0.136%
91	14.453	4149	4156	4163	rBV5	13370	18684	0.55%	0.058%
92	14.517	4168	4176	4189	rVB6	37699	68367	2.02%	0.214%
93	14.627	4203	4210	4213	rBV9	10237	13954	0.41%	0.044%
94	14.800	4256	4264	4271	rBV6	11700	17912	0.53%	0.056%
95	14.855	4272	4281	4292	rBV3	62083	110033	3.24%	0.344%
96	15.041	4328	4339	4352	rBV	140369	249552	7.36%	0.781%
97	15.193	4379	4386	4392	rVB10	9137	12174	0.36%	0.038%
98	15.331	4422	4429	4439	rVB10	8691	15164	0.45%	0.047%
99	16.041	4641	4650	4658	rBV7	13213	23613	0.70%	0.074%
100	16.723	4855	4862	4869	rBV7	10497	16926	0.50%	0.053%

Sum of corrected areas: 31968235

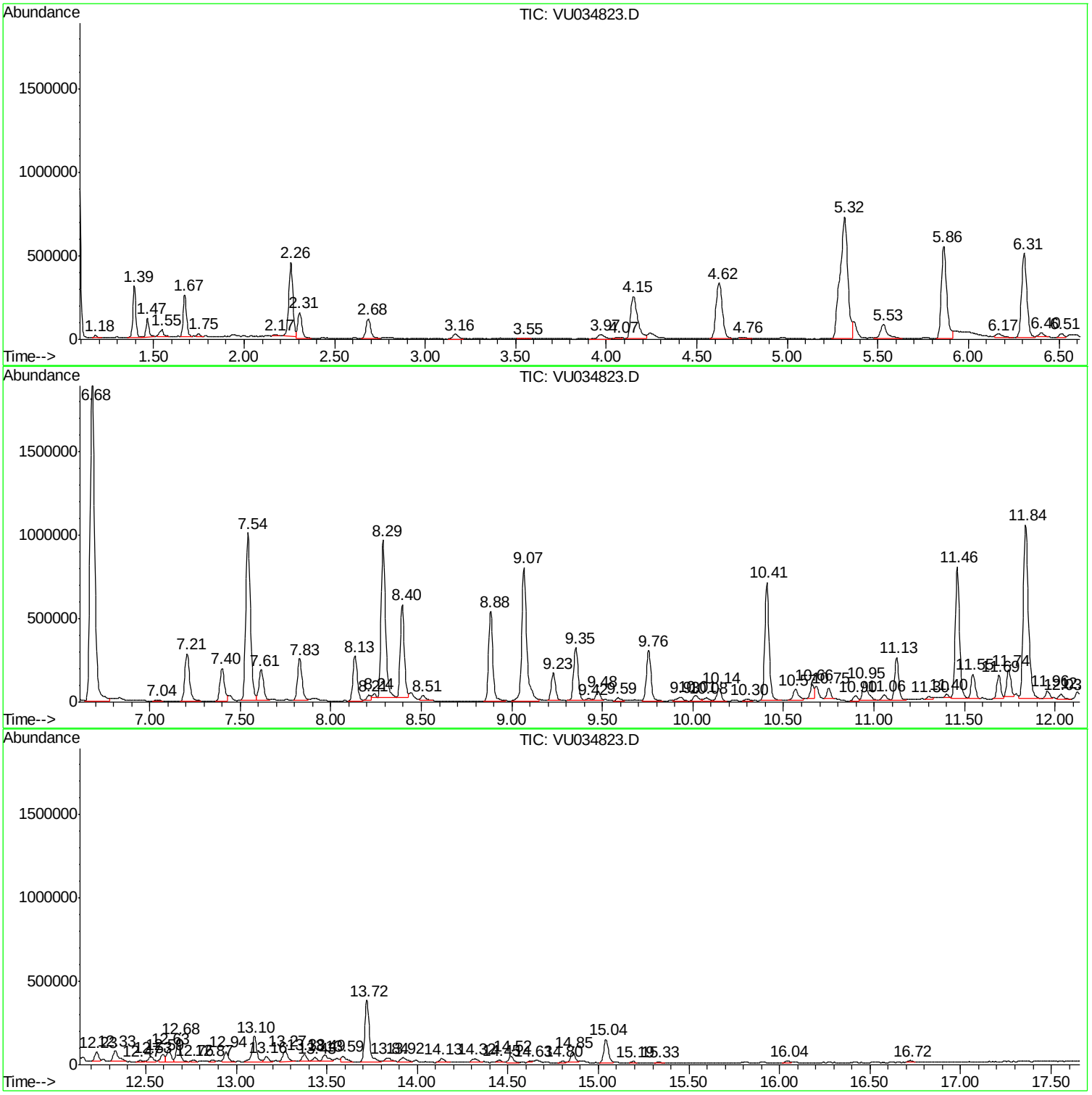
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092519\
Data File : VU034823.D
Acq On : 25 Sep 2019 23:28
Operator : JC/SP
Sample : K4983-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092519\
Data File : VU034823.D
Acq On : 25 Sep 2019 23:28
Operator : JC/SP
Sample : K4983-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

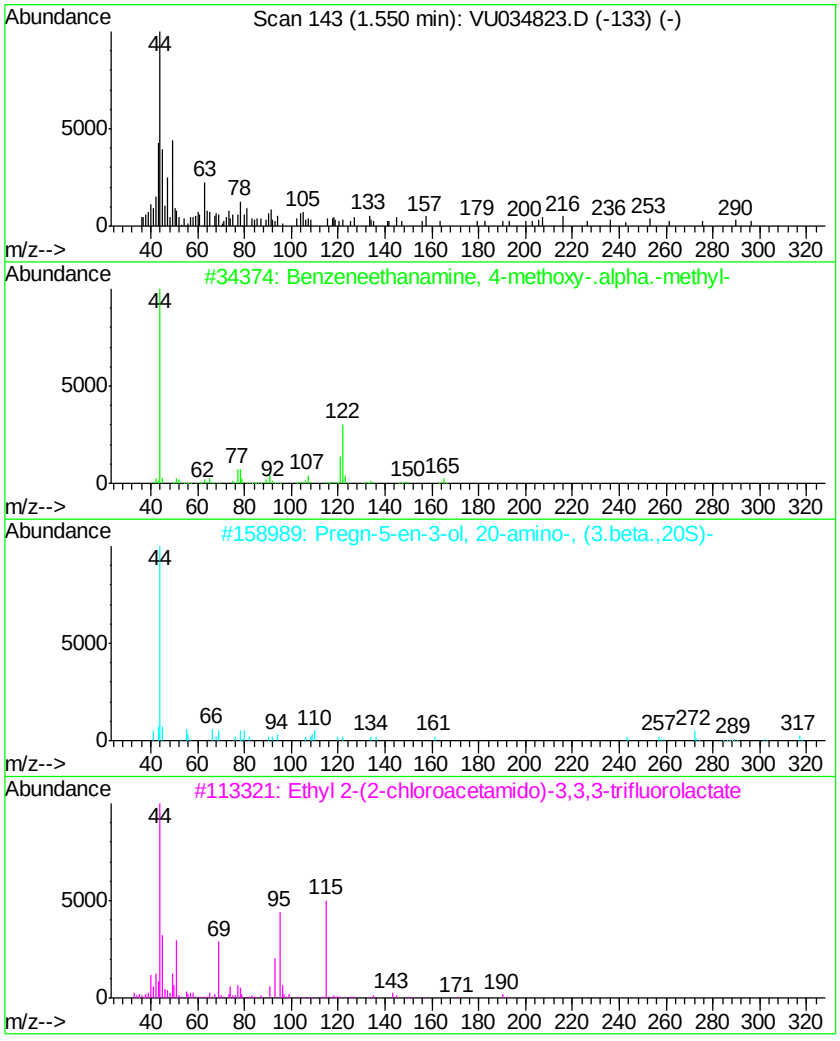
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

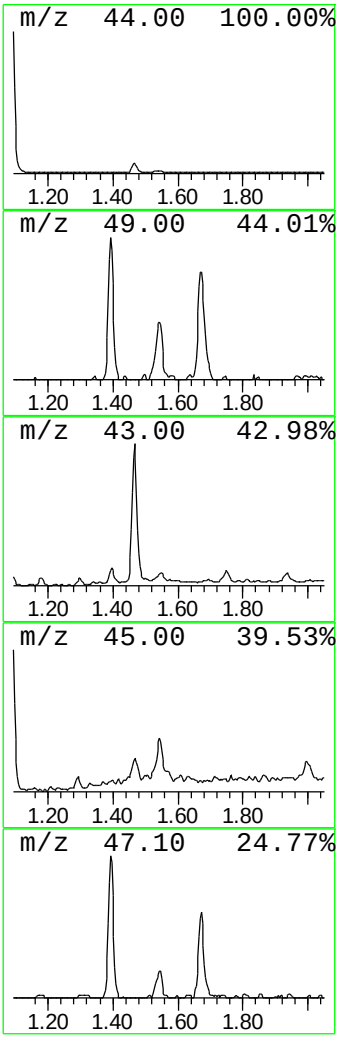
****

Peak Number 2 unknown-01 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.55	2.83 ug/L	65062	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanamine, 4-methoxy-.al...	165	C10H15NO	000064-13-1	11
2	Pregn-5-en-3-ol, 20-amino-, (3.b...	317	C21H35NO	005035-10-9	10
3	Ethyl 2-(2-chloroacetamido)-3,3,...	263	C7H9ClF3NO4	1000224-74-2	10
4	Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	10
5	Cyanoacetylurea	127	C4H5N3O2	001448-98-2	10





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092519\
Data File : VU034823.D
Acq On : 25 Sep 2019 23:28
Operator : JC/SP
Sample : K4983-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

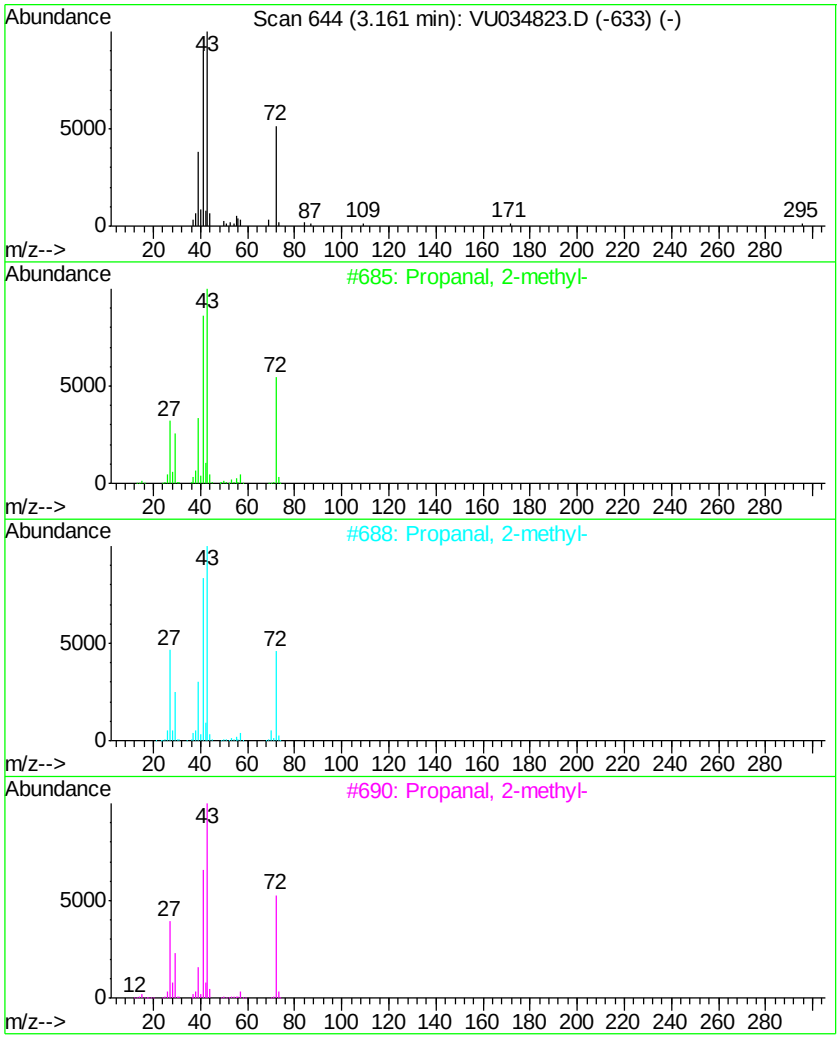
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

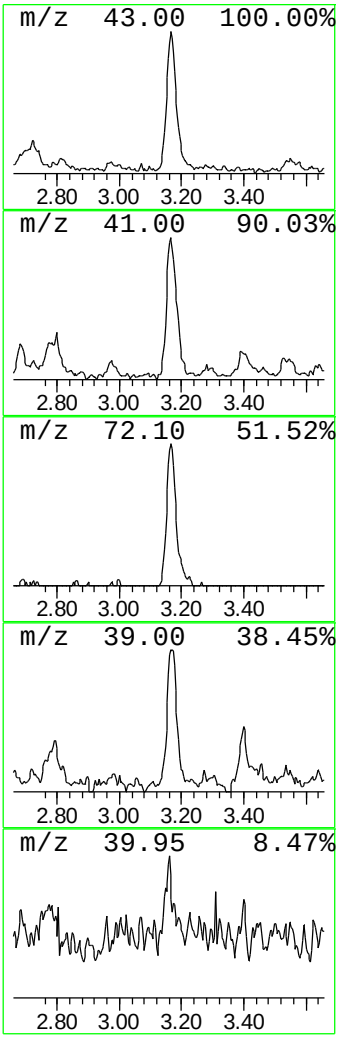
****

Peak Number 3 Propanal, 2-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	2.66 ug/L	61208	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanal, 2-methyl-	72	C4H8O	000078-84-2	80
2	Propanal, 2-methyl-	72	C4H8O	000078-84-2	80
3	Propanal, 2-methyl-	72	C4H8O	000078-84-2	64
4	2-Heptanone, 3-methyl-	128	C8H16O	002371-19-9	47
5	Propanal, 2-methyl-	72	C4H8O	000078-84-2	45





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092519\
Data File : VU034823.D
Acq On : 25 Sep 2019 23:28
Operator : JC/SP
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ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

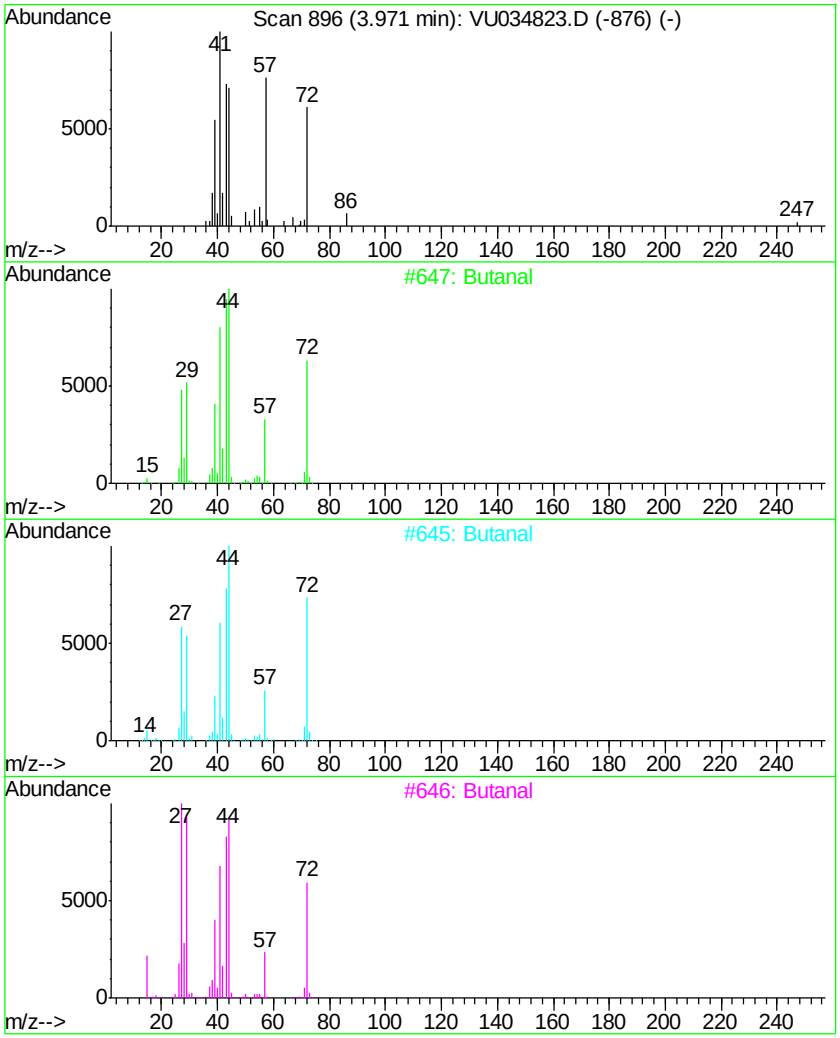
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

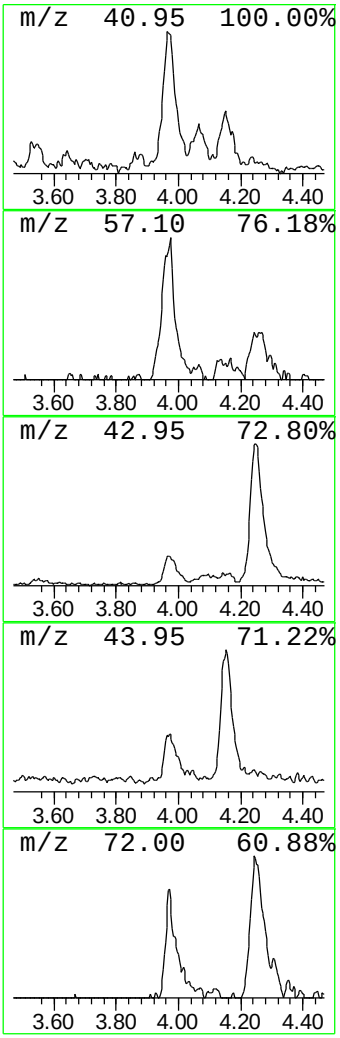
****

Peak Number 4 unknown-02 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.97	3.21 ug/L	73694	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal	72	C4H8O	000123-72-8	49
2	Butanal	72	C4H8O	000123-72-8	43
3	Butanal	72	C4H8O	000123-72-8	38
4	Cyclobutanol, 2-ethyl-	100	C6H12O	035301-43-0	38
5	Propane	44	C3H8	000074-98-6	37





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092519\
Data File : VU034823.D
Acq On : 25 Sep 2019 23:28
Operator : JC/SP
Sample : K4983-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

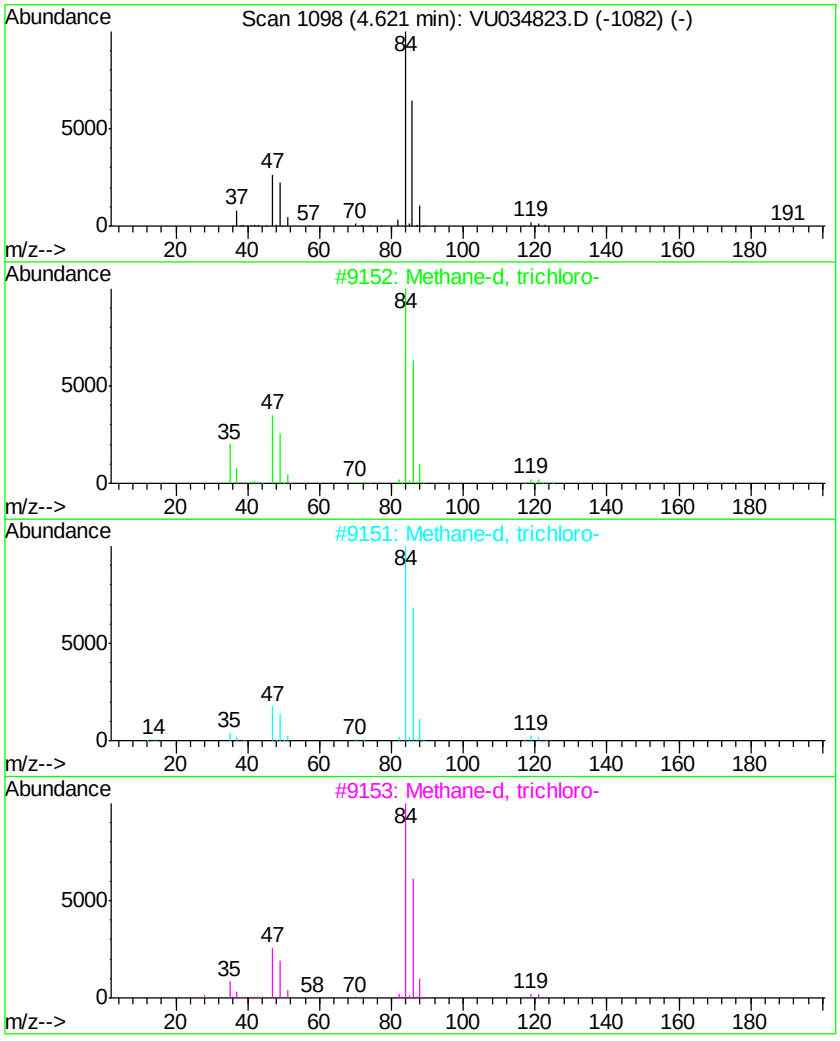
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

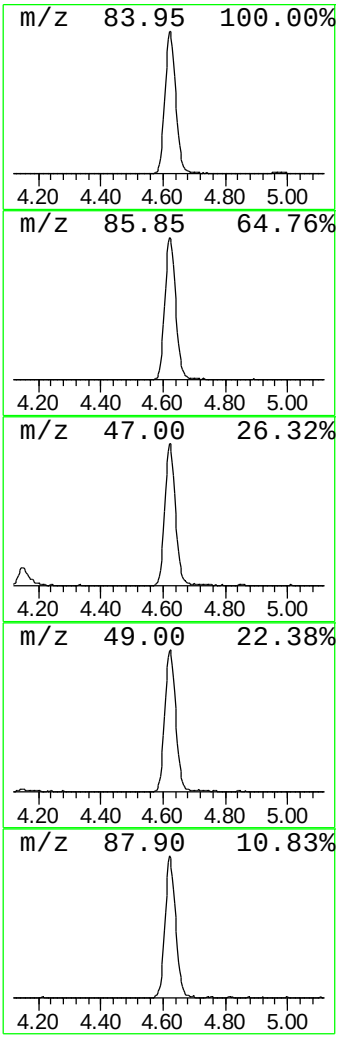
****

Peak Number 5 Methane-d, trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.62	35.03 ug/L	805253	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane-d, trichloro-	119	CDCl3	000865-49-6	95
2	Methane-d, trichloro-	119	CDCl3	000865-49-6	52
3	Methane-d, trichloro-	119	CDCl3	000865-49-6	27
4	Benzene-D6	84	C6D6	001076-43-3	4
5	Pyridine-D5-	84	C5D5N	007291-22-7	4





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092519\
Data File : VU034823.D
Acq On : 25 Sep 2019 23:28
Operator : JC/SP
Sample : K4983-13
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

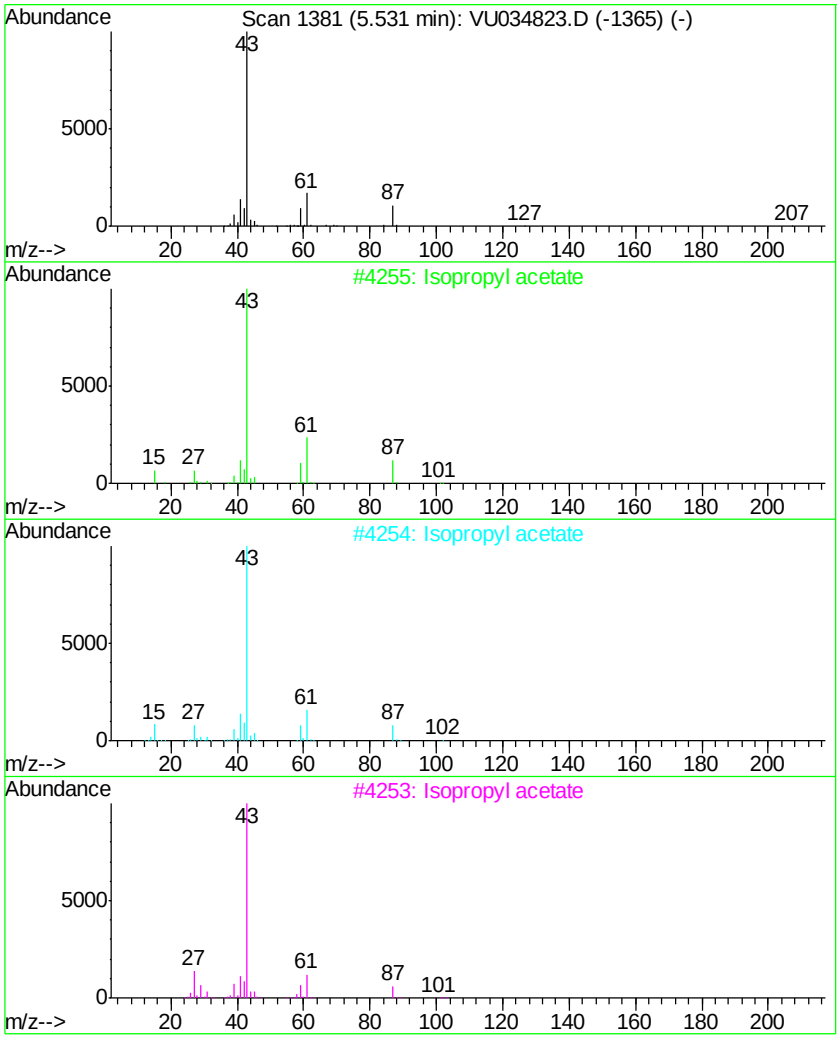
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

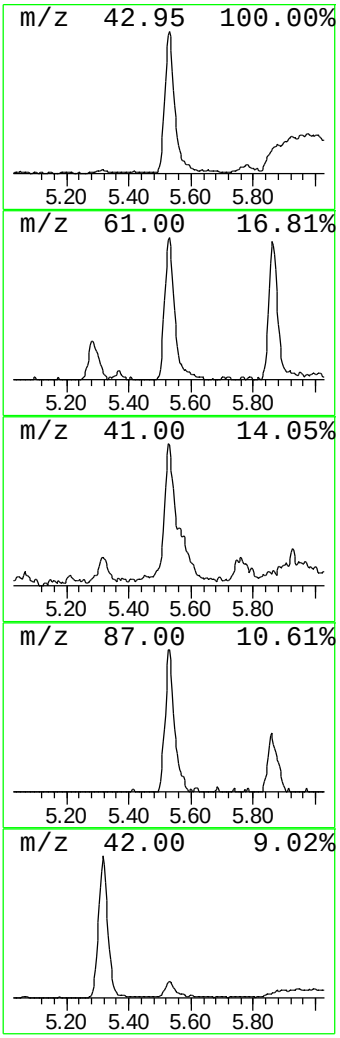
****

Peak Number 6 Isopropyl acetate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.53	9.52 ug/L	218841	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	72
3	Isopropyl acetate	102	C5H10O2	000108-21-4	64
4	Isopropyl acetate	102	C5H10O2	000108-21-4	53
5	Acetaldehyde, O-ethyloxime-	87	C4H9NO	1000288-34-6	9





Library Search Compound Report

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Data File : VU034823.D
Acq On : 25 Sep 2019 23:28
Operator : JC/SP
Sample : K4983-13
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

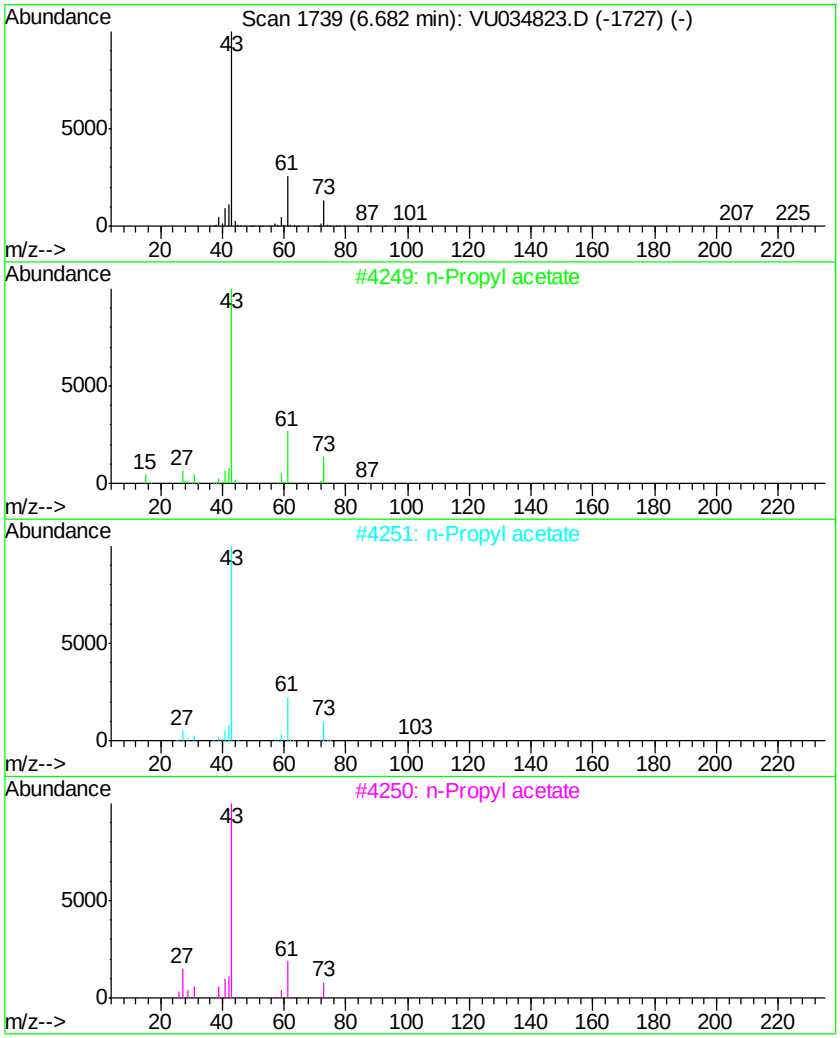
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

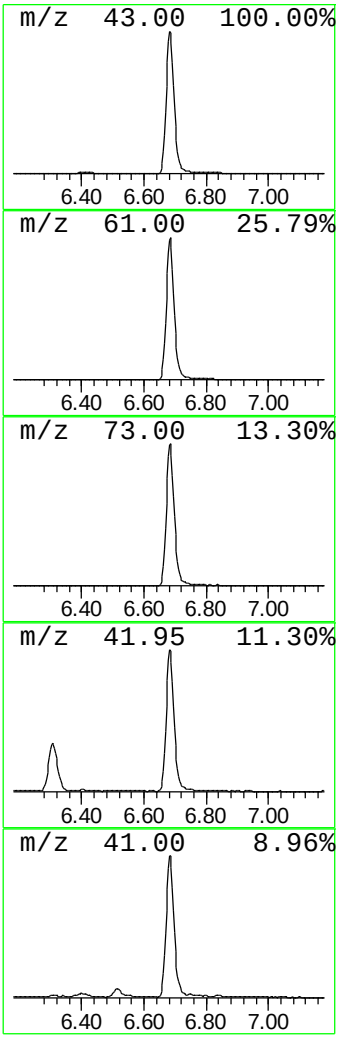
****

Peak Number 7 n-Propyl acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	147.57 ug/L	3391950	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	83
2	n-Propyl acetate	102	C5H10O2	000109-60-4	83
3	n-Propyl acetate	102	C5H10O2	000109-60-4	64
4	Isopropyl acetate	102	C5H10O2	000108-21-4	38
5	1-Butanamine	73	C4H11N	000109-73-9	7





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Operator : JC/SP
Sample : K4983-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM8

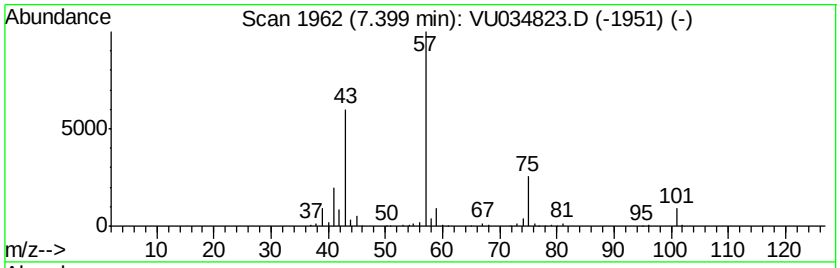
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

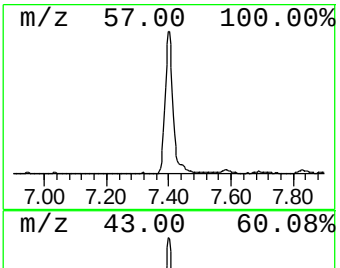
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Propanoic acid, 1-methyleth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	14.78 ug/L	339824	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	83
2	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	83
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	78
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	45
5	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	40





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Operator : JC/SP
Sample : K4983-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM8

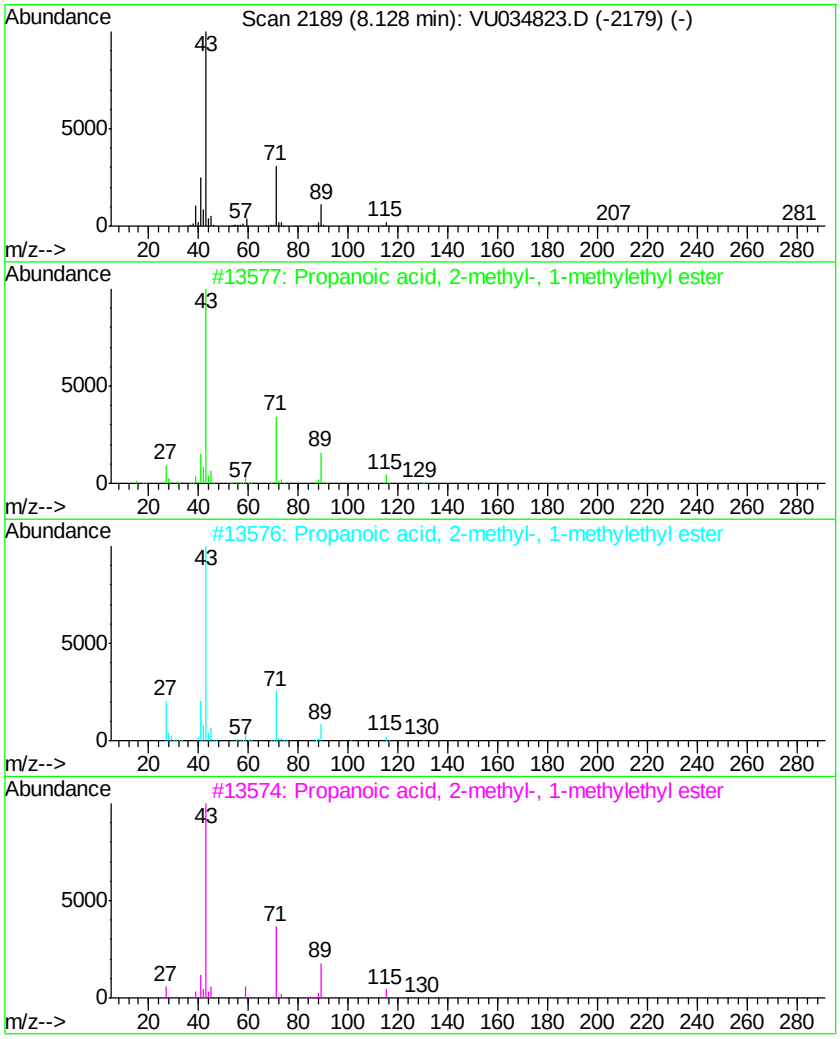
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

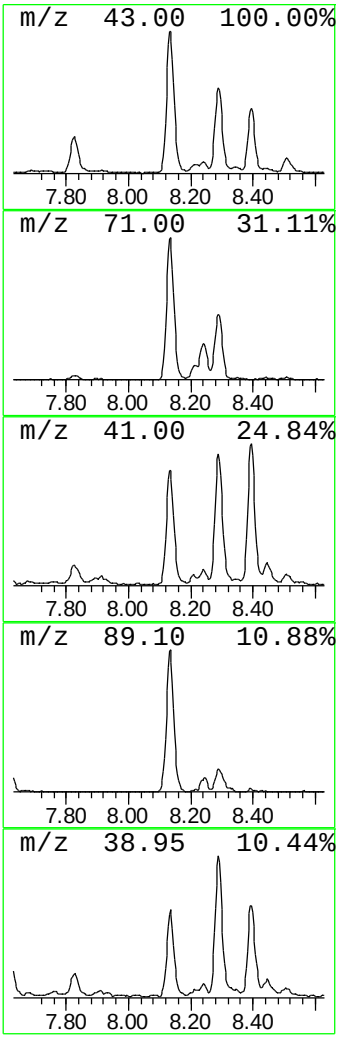
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Propanoic acid, 2-methyl-, ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	15.27 ug/L	458905	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	78
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	50
5	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	45





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Data File : VU034823.D
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Operator : JC/SP
Sample : K4983-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

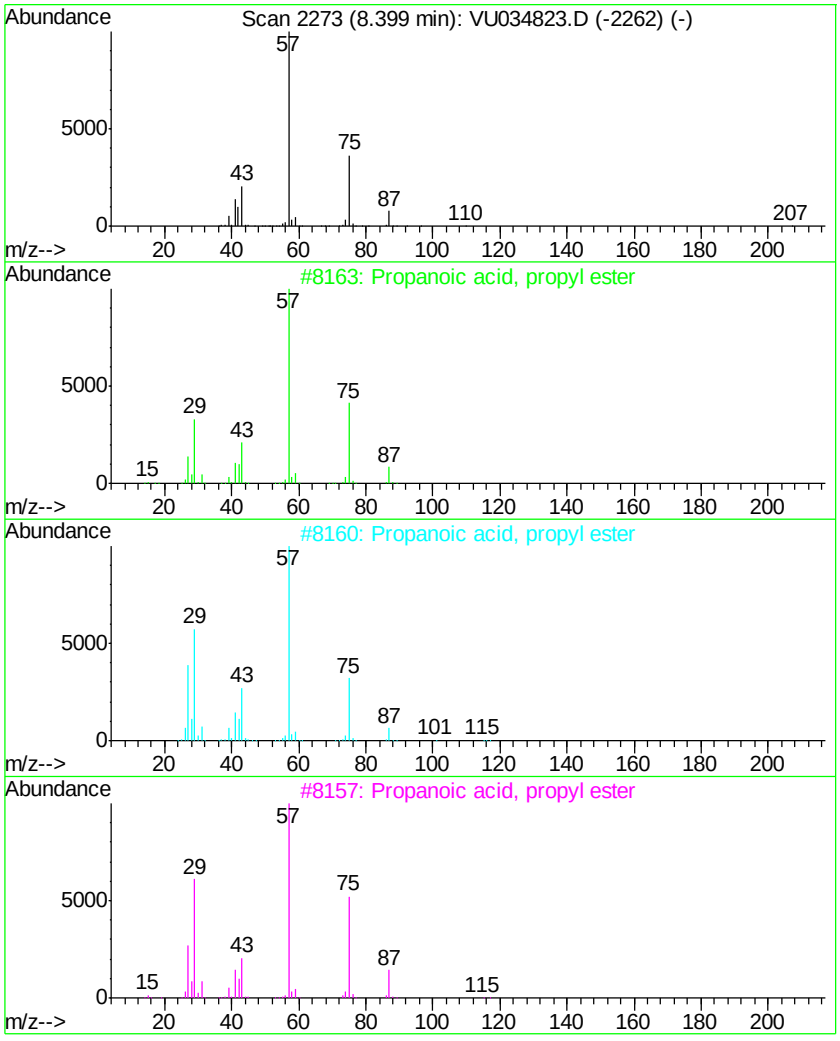
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

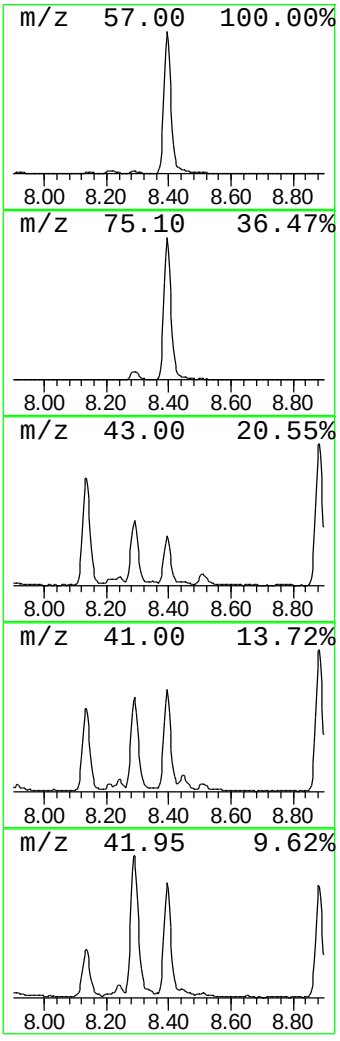
****

Peak Number 11 Propanoic acid, propyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	28.43 ug/L	854209	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	72
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	36





Library Search Compound Report

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Data File : VU034823.D
Acq On : 25 Sep 2019 23:28
Operator : JC/SP
Sample : K4983-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

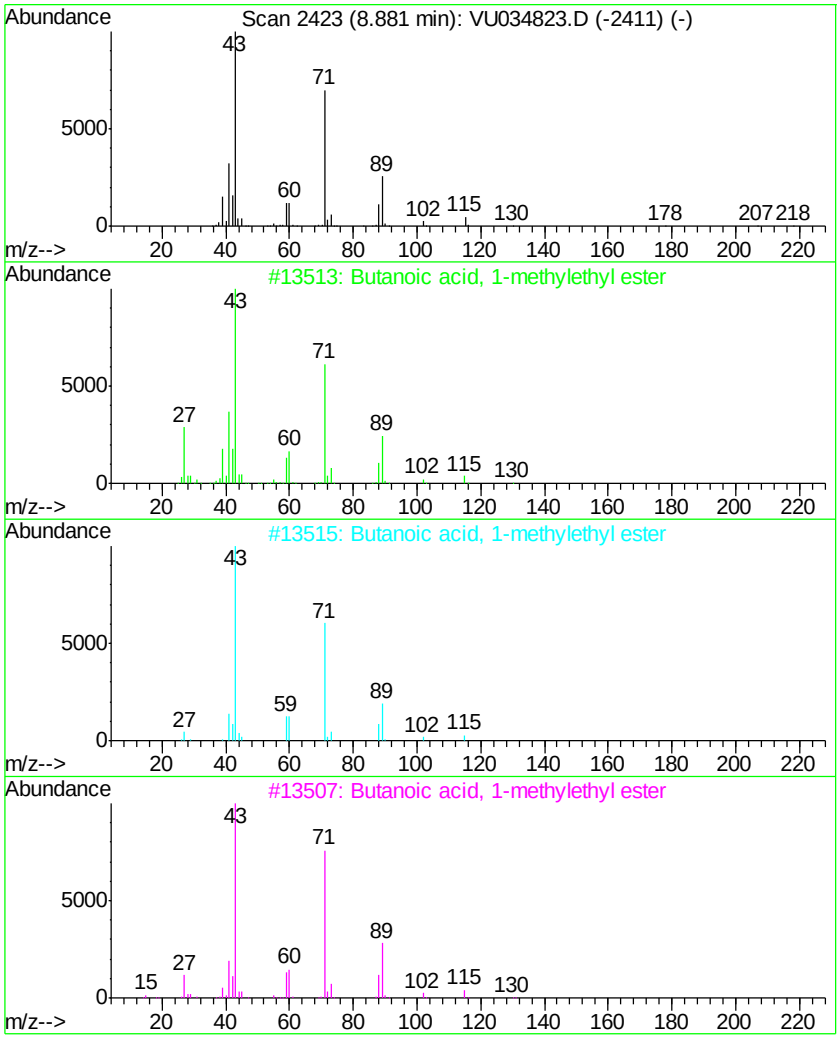
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

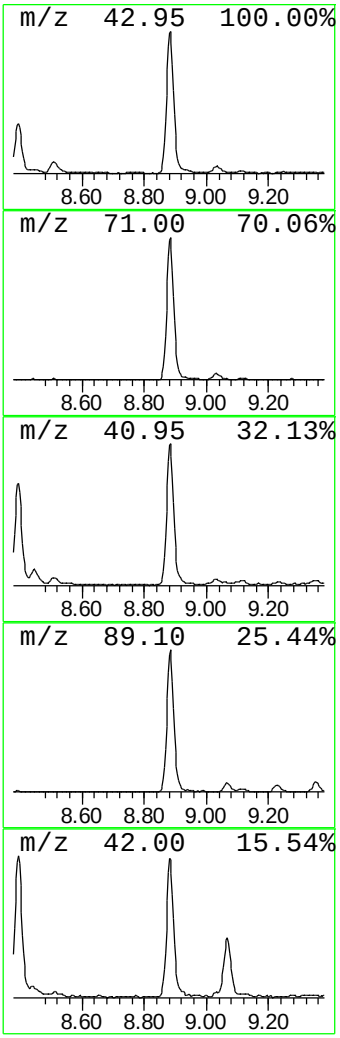
****

Peak Number 12 Butanoic acid, 1-methylethy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	29.34 ug/L	881685	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





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Acq On : 25 Sep 2019 23:28
Operator : JC/SP
Sample : K4983-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

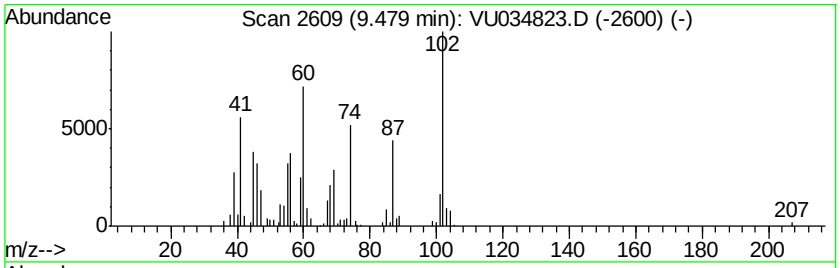
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

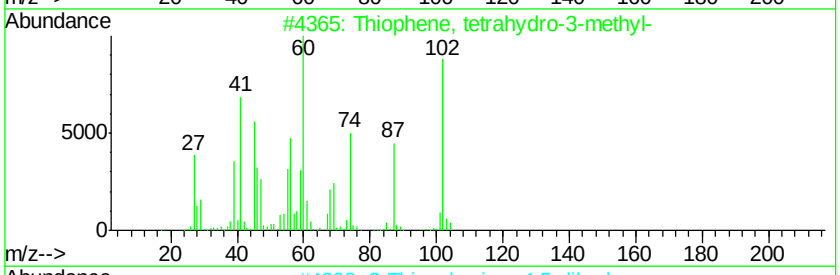
****

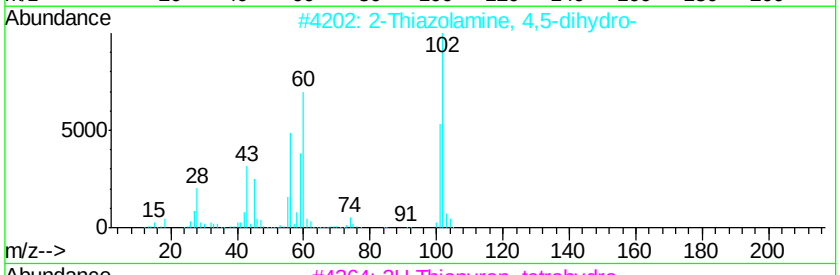
Peak Number 13 Thiophene, tetrahydro-3-met... Concentration Rank 28

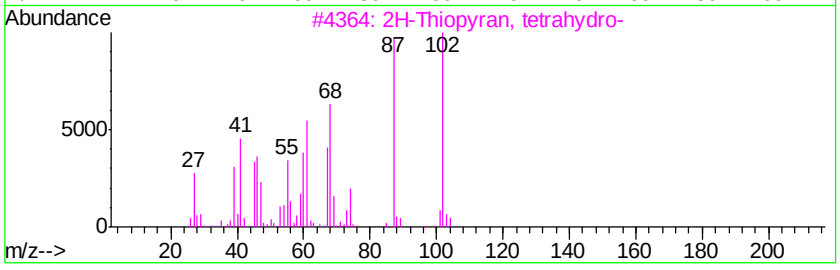
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	3.16 ug/L	95082	Chlorobenzene-d5	9.07

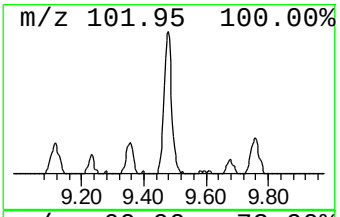
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-3-methyl-	102	C5H10S	004740-00-5	94
2	2-Thiazolamine, 4,5-dihydro-	102	C3H6N2S	001779-81-3	49
3	2H-Thiopyran, tetrahydro-	102	C5H10S	001613-51-0	37
4	2H-Thiopyran, tetrahydro-	102	C5H10S	001613-51-0	35
5	Thiophene, tetrahydro-	88	C4H8S	000110-01-0	35

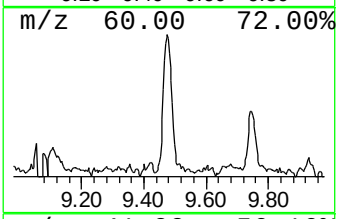


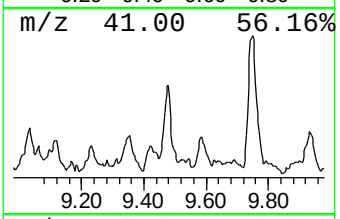


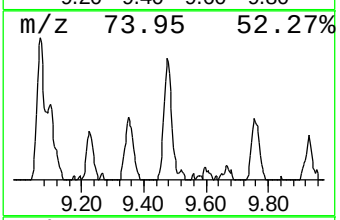


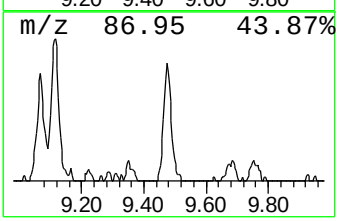












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Data File : VU034823.D
Acq On : 25 Sep 2019 23:28
Operator : JC/SP
Sample : K4983-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

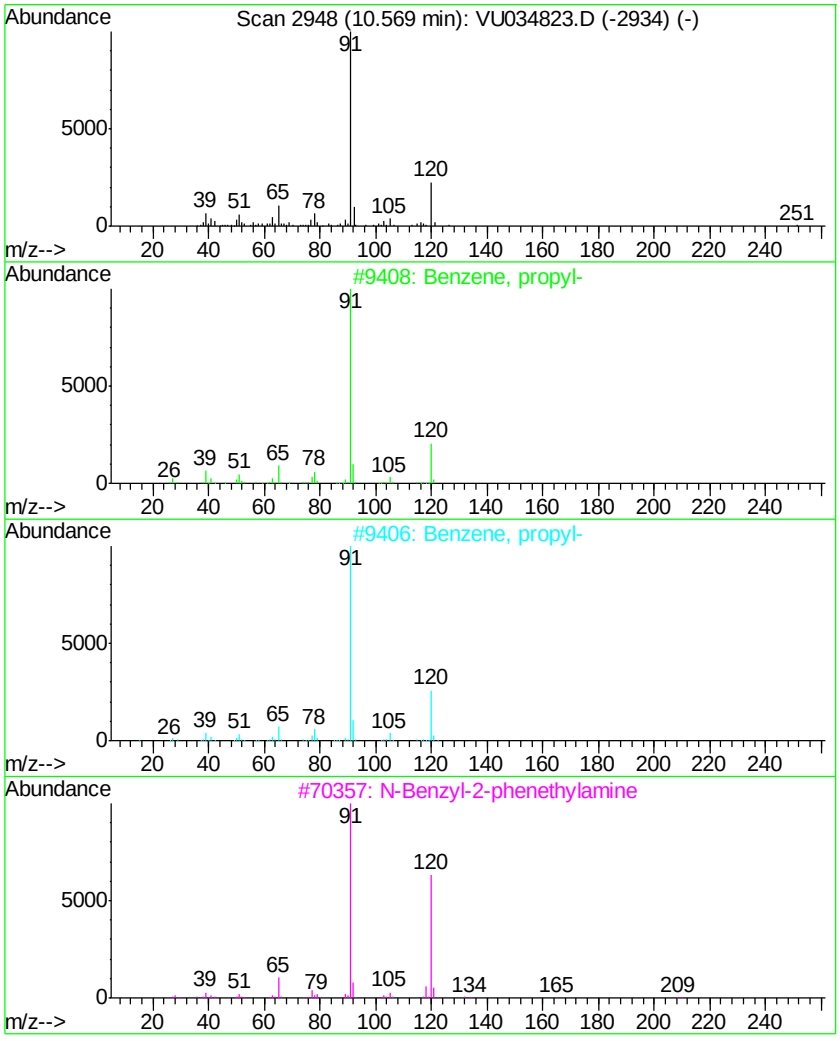
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

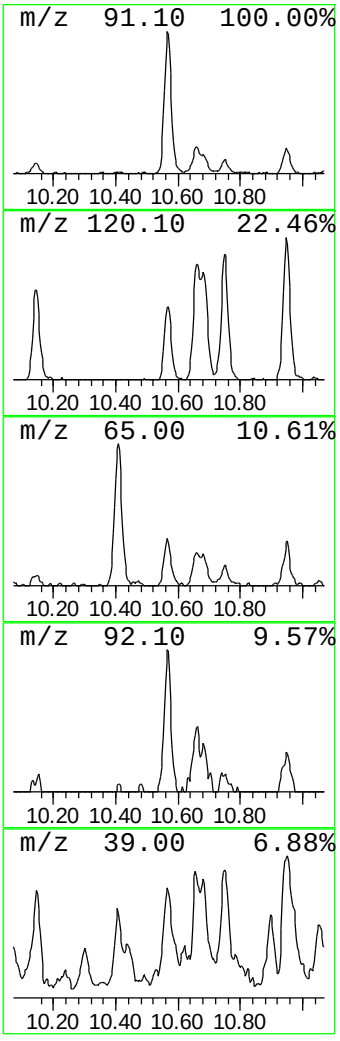
****

Peak Number 14 Benzene, propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	5.55 ug/L	143779	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	81
2	Benzene, propyl-	120	C9H12	000103-65-1	74
3	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72
4	Benzene, propyl-	120	C9H12	000103-65-1	70
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	53





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Acq On : 25 Sep 2019 23:28
Operator : JC/SP
Sample : K4983-13
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM8

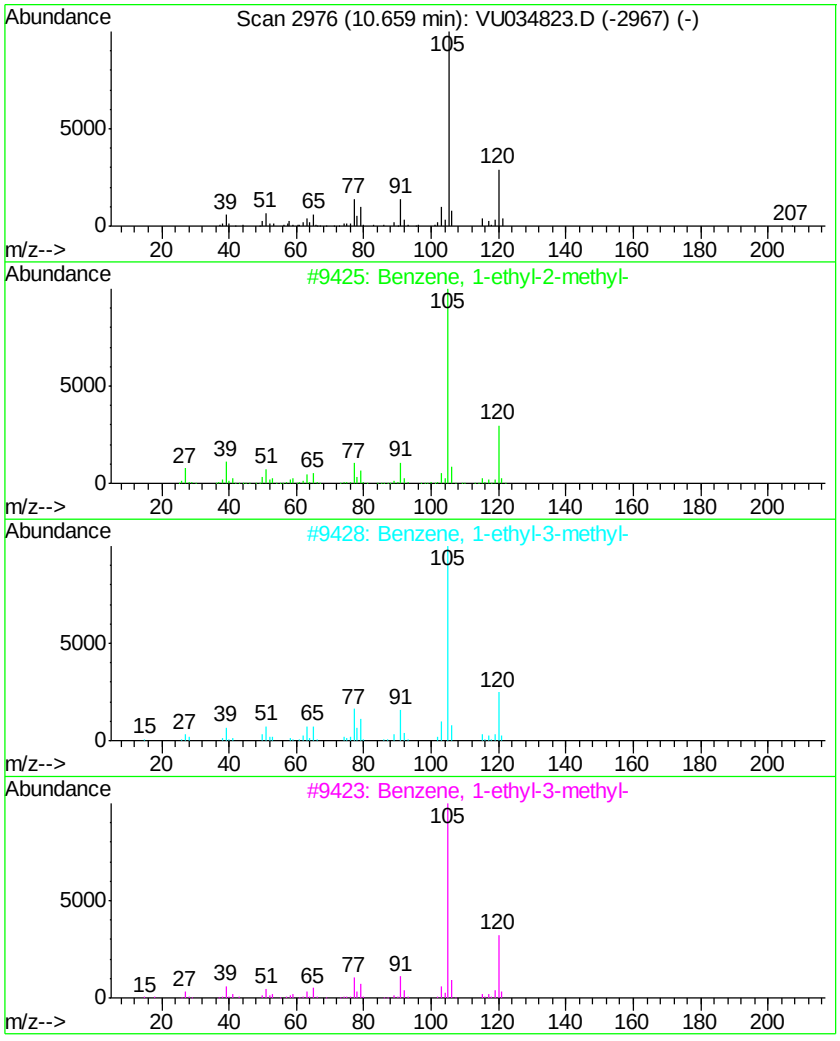
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

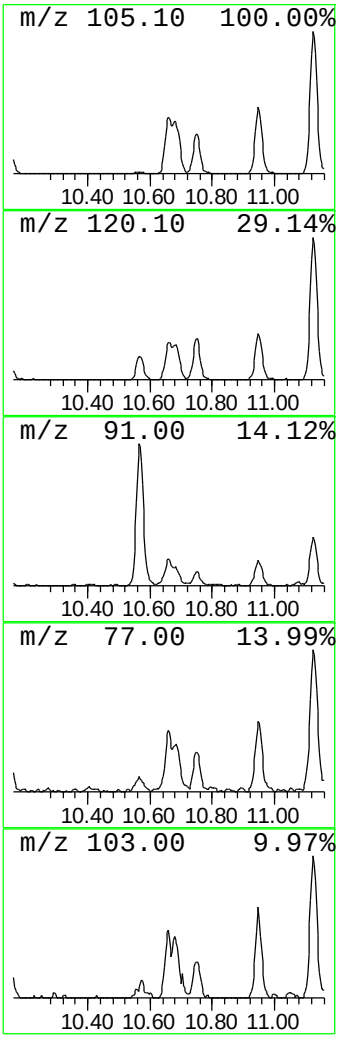
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1-ethyl-2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	4.86 ug/L	125810	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	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Operator : JC/SP
Sample : K4983-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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

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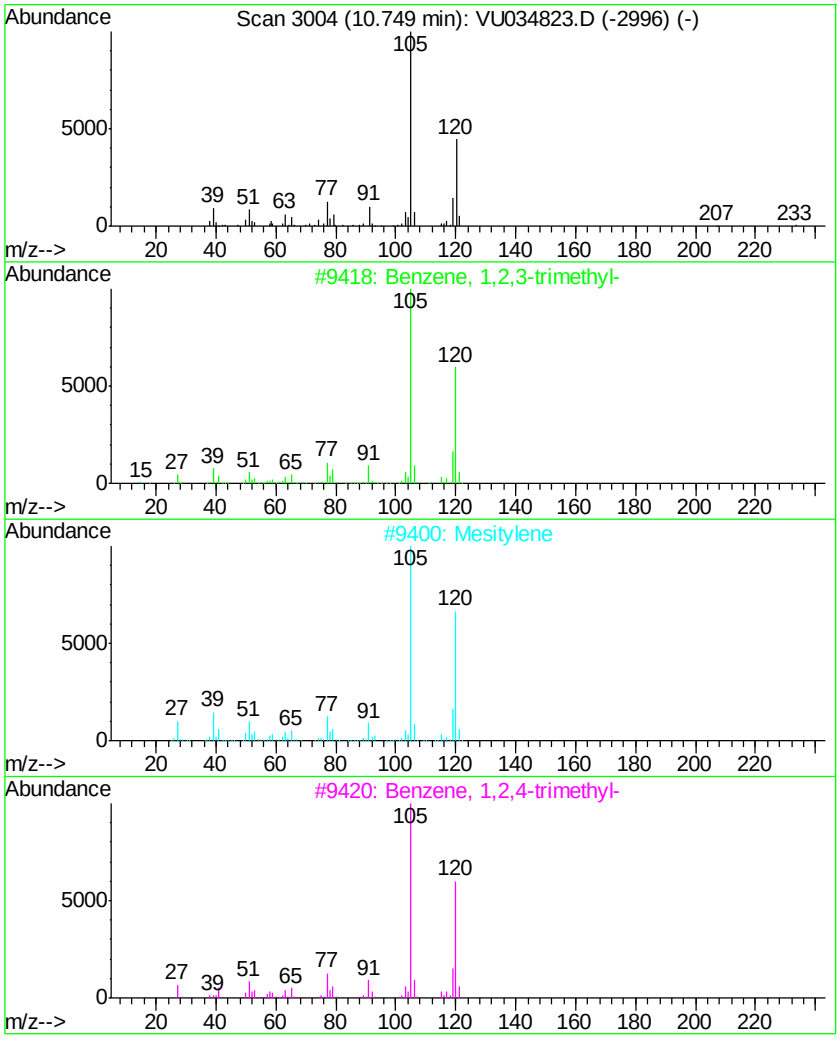
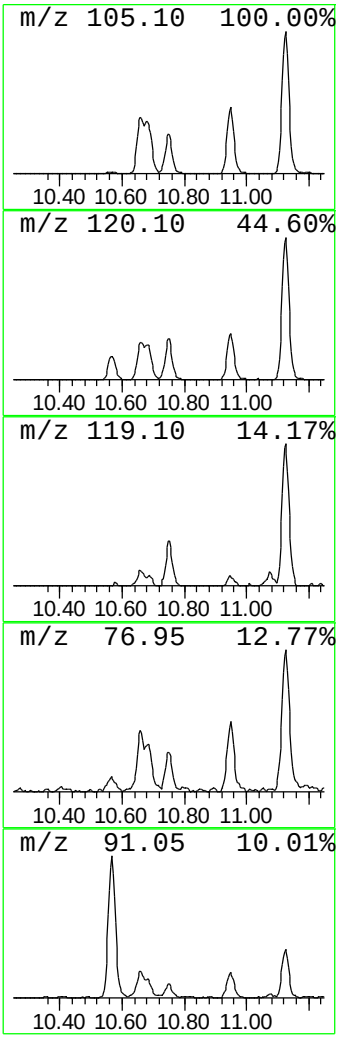
Peak Number 16 Benzene, 1,2,3-trimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	3.49 ug/L	90351	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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
5	Mesitylene	120	C9H12	000108-67-8	91





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Sample : K4983-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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

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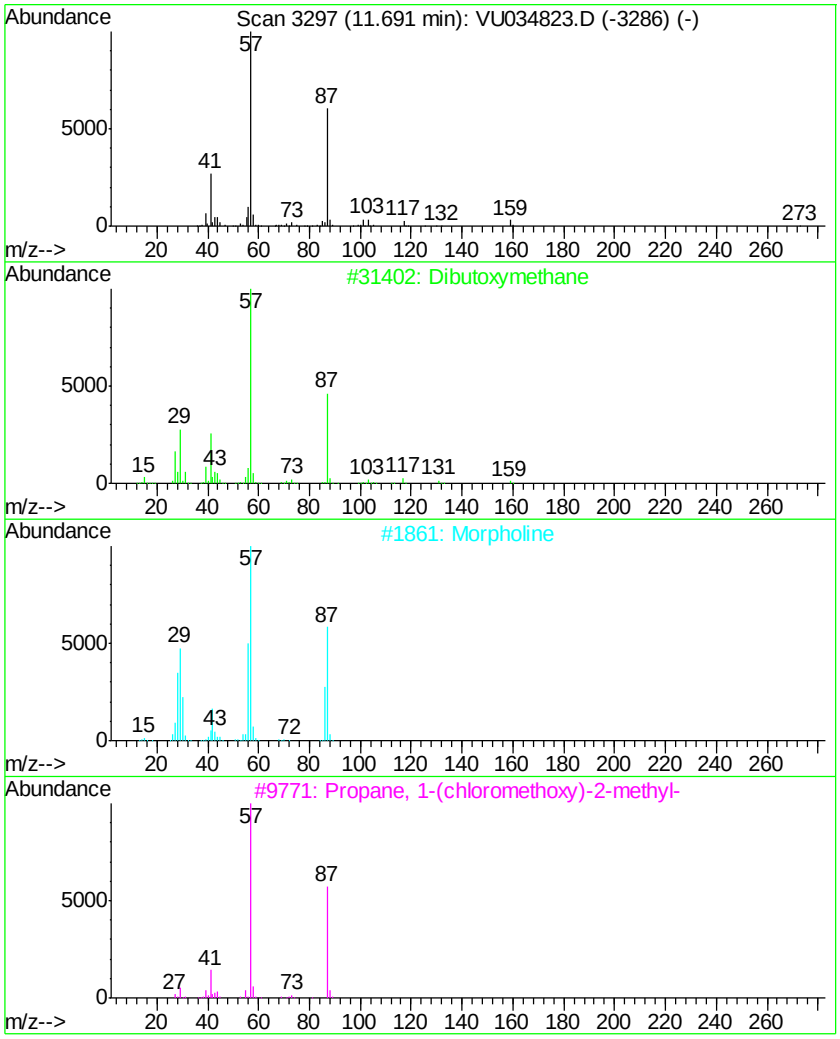
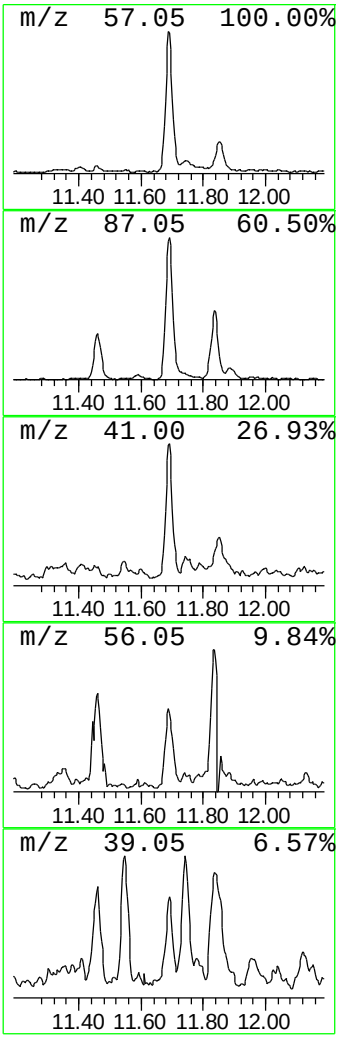
Peak Number 20 Dibutoxymethane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	8.38 ug/L	216973	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibutoxymethane	160	C9H20O2	002568-90-3	64
2	Morpholine	87	C4H9NO	000110-91-8	58
3	Propane, 1-(chloromethoxy)-2-met...	122	C5H11ClO	034180-11-5	53
4	Morpholine	87	C4H9NO	000110-91-8	42
5	Morpholine	87	C4H9NO	000110-91-8	40





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Data File : VU034823.D
Acq On : 25 Sep 2019 23:28
Operator : JC/SP
Sample : K4983-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

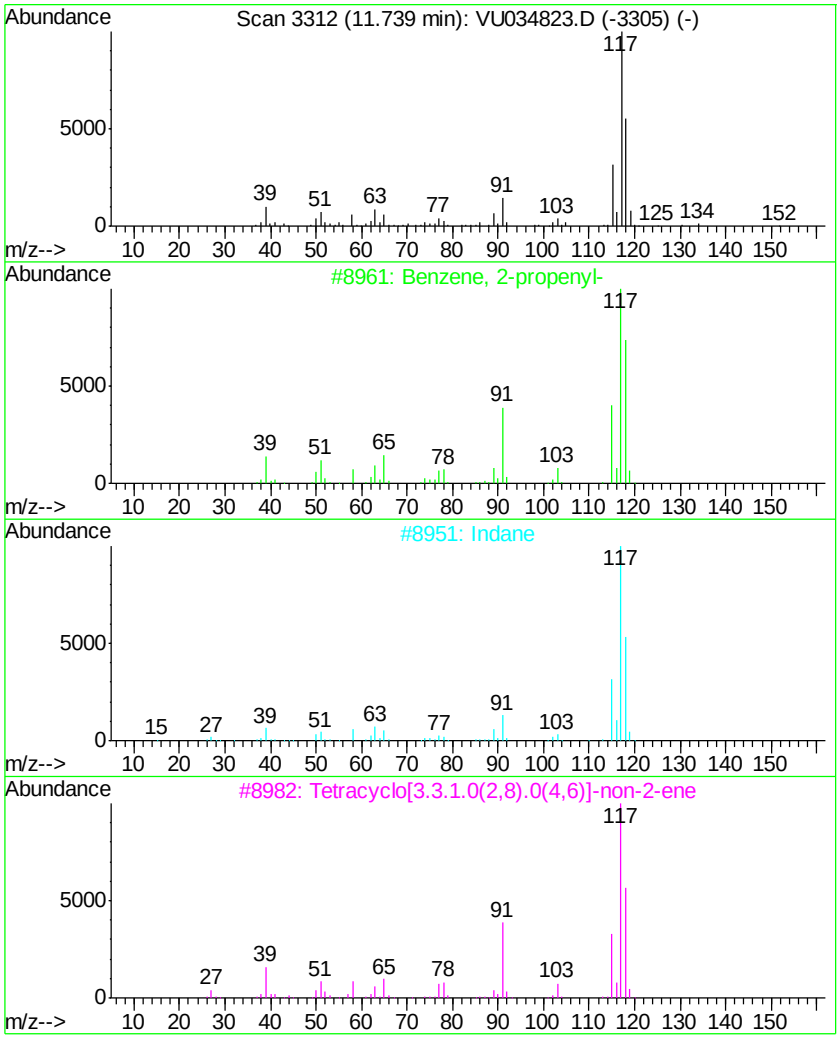
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

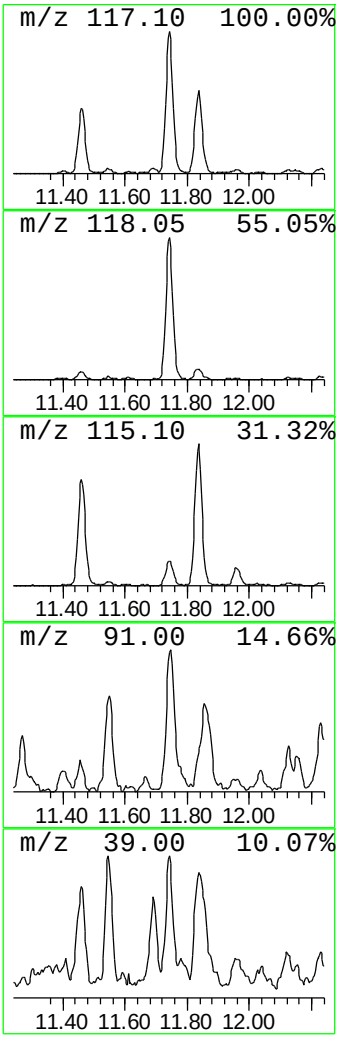
****

Peak Number 21 Benzene, 2-propenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	10.11 ug/L	261764	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
2	Indane	118	C9H10	000496-11-7	81
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72





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Data File : VU034823.D
Acq On : 25 Sep 2019 23:28
Operator : JC/SP
Sample : K4983-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

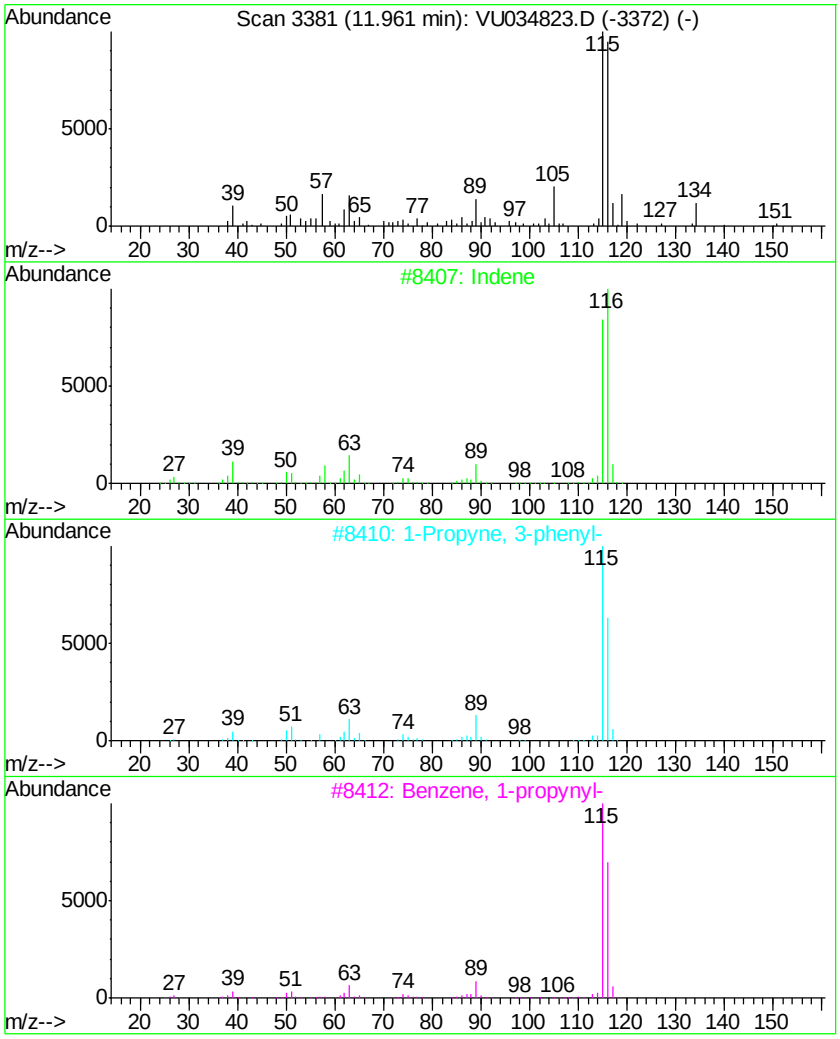
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

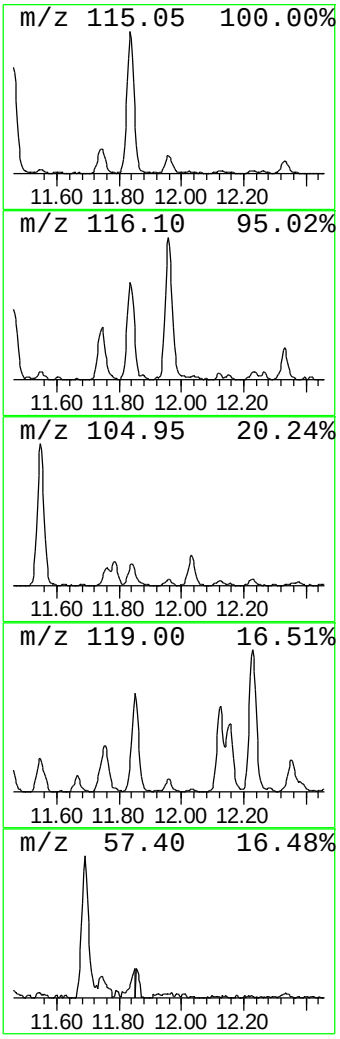
****

Peak Number 22 Indene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	2.83 ug/L	73288	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	81
2	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	81
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	81
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	81
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	81





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Data File : VU034823.D
Acq On : 25 Sep 2019 23:28
Operator : JC/SP
Sample : K4983-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM8

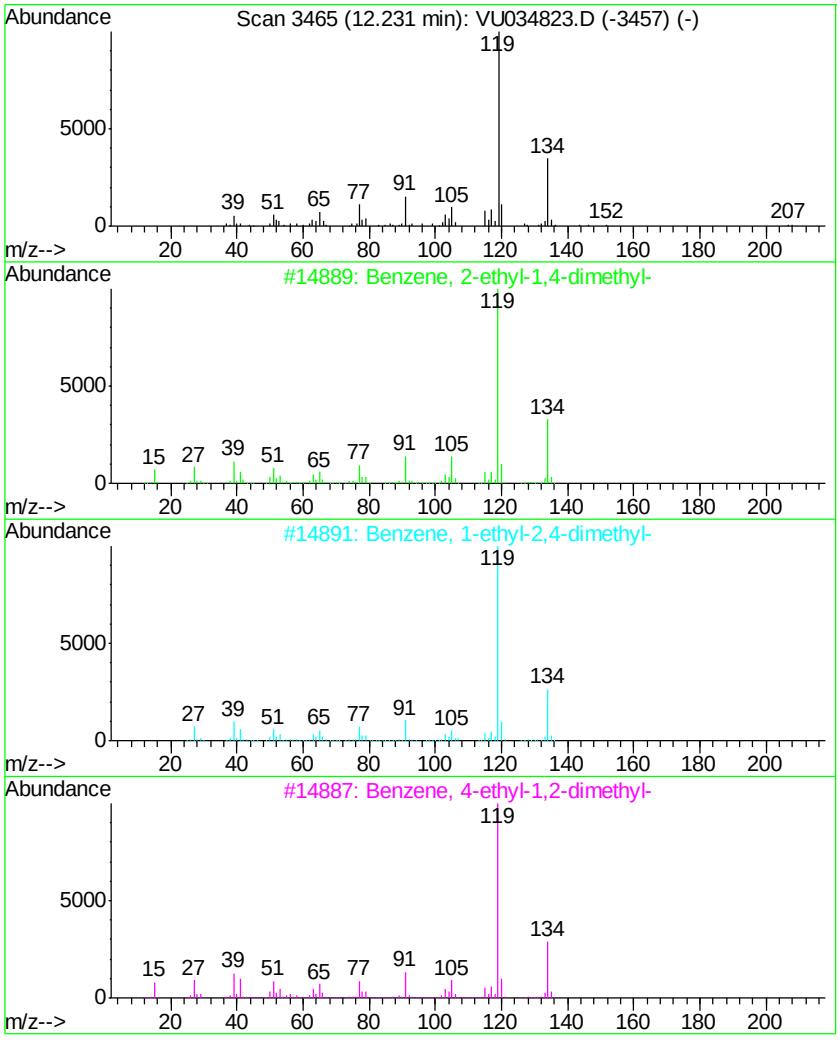
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

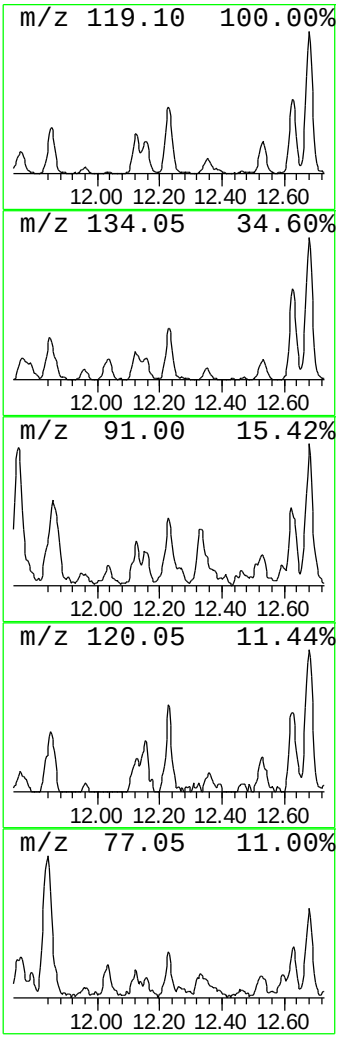
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	2.87 ug/L	74184	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	94
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
5	o-Cymene	134	C10H14	000527-84-4	93





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092519\
Data File : VU034823.D
Acq On : 25 Sep 2019 23:28
Operator : JC/SP
Sample : K4983-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM8

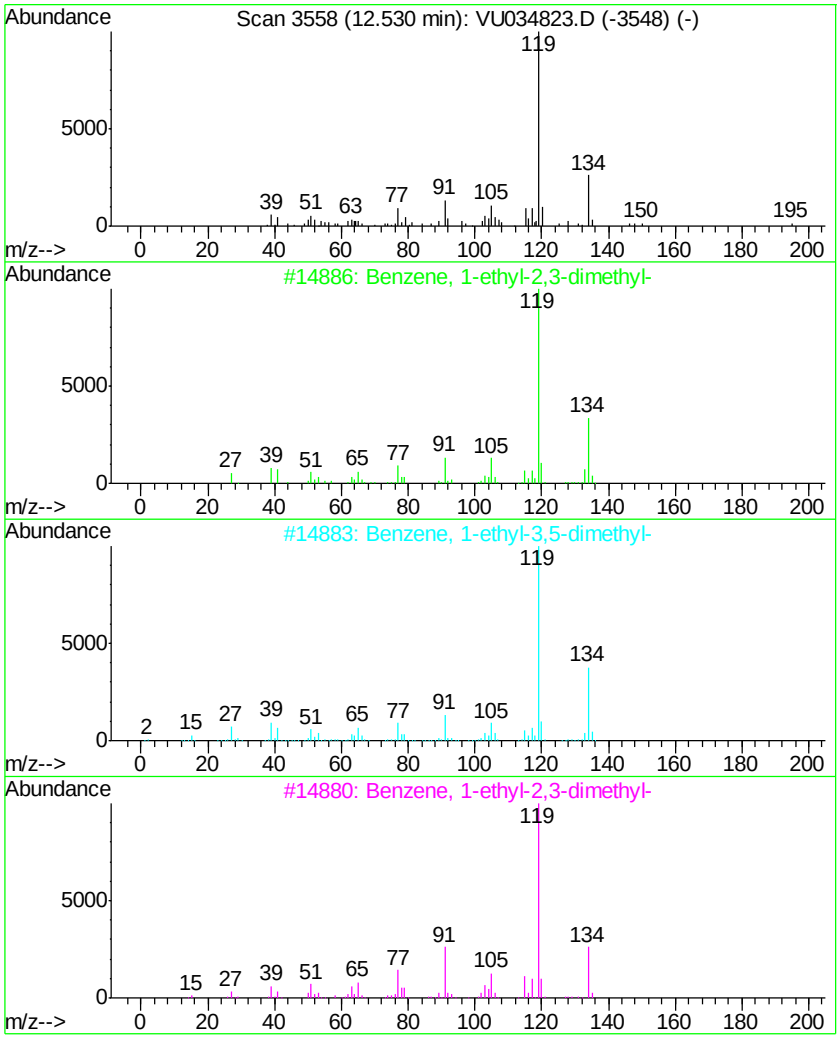
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

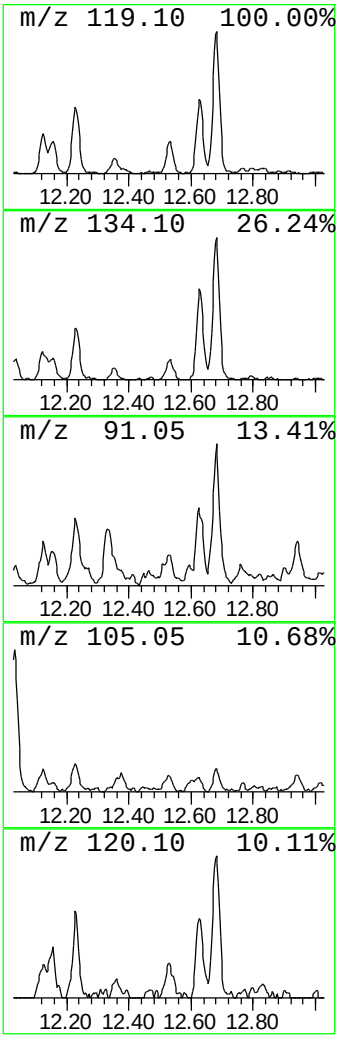
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	2.53 ug/L	65502	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





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Acq On : 25 Sep 2019 23:28
Operator : JC/SP
Sample : K4983-13
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM8

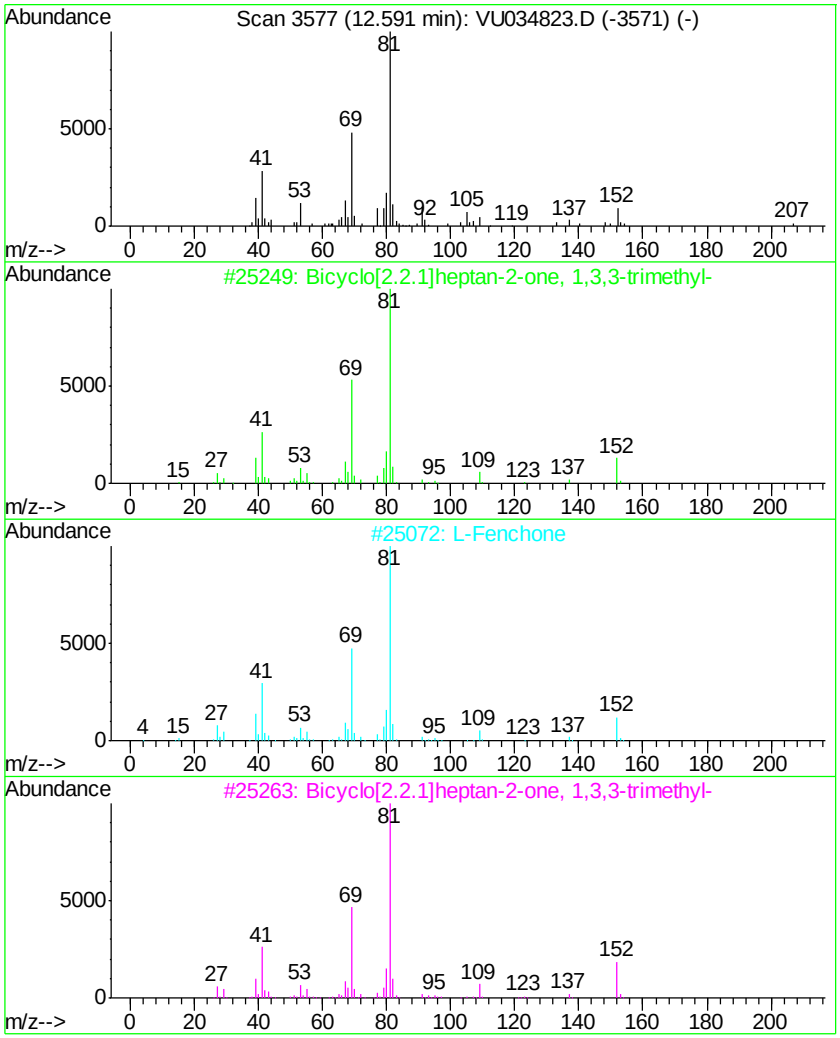
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

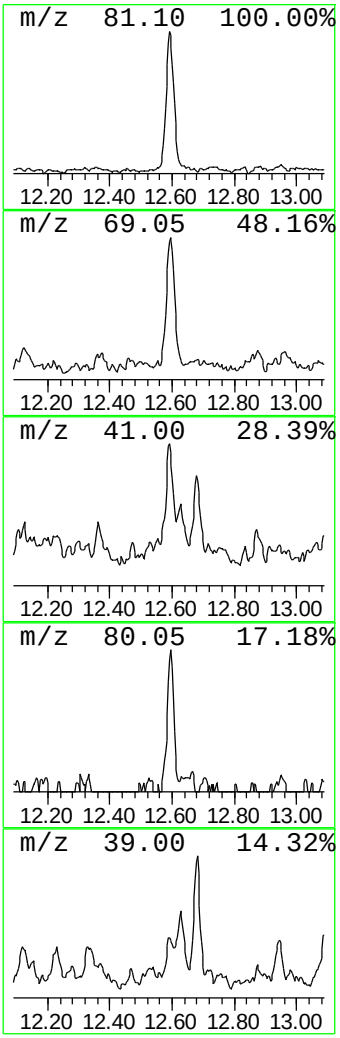
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	2.76 ug/L	71410	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	87
2	L-Fenchone	152	C10H16O	007787-20-4	83
3	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	80
4	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	72
5	L-Fenchone	152	C10H16O	007787-20-4	64





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Data File : VU034823.D
Acq On : 25 Sep 2019 23:28
Operator : JC/SP
Sample : K4983-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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

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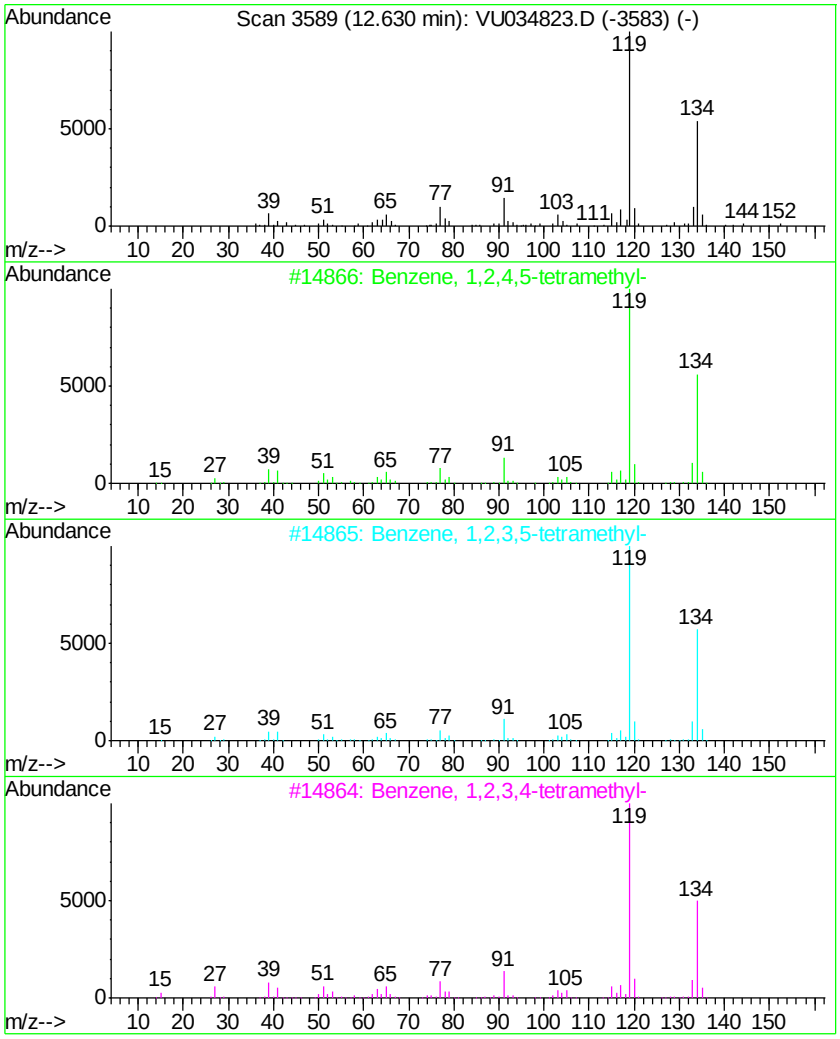
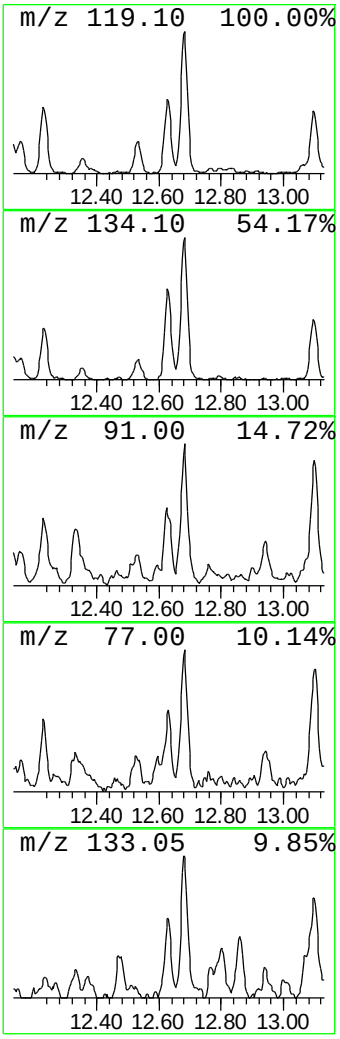
Peak Number 27 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	4.73 ug/L	122495	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, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





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Data File : VU034823.D
Acq On : 25 Sep 2019 23:28
Operator : JC/SP
Sample : K4983-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

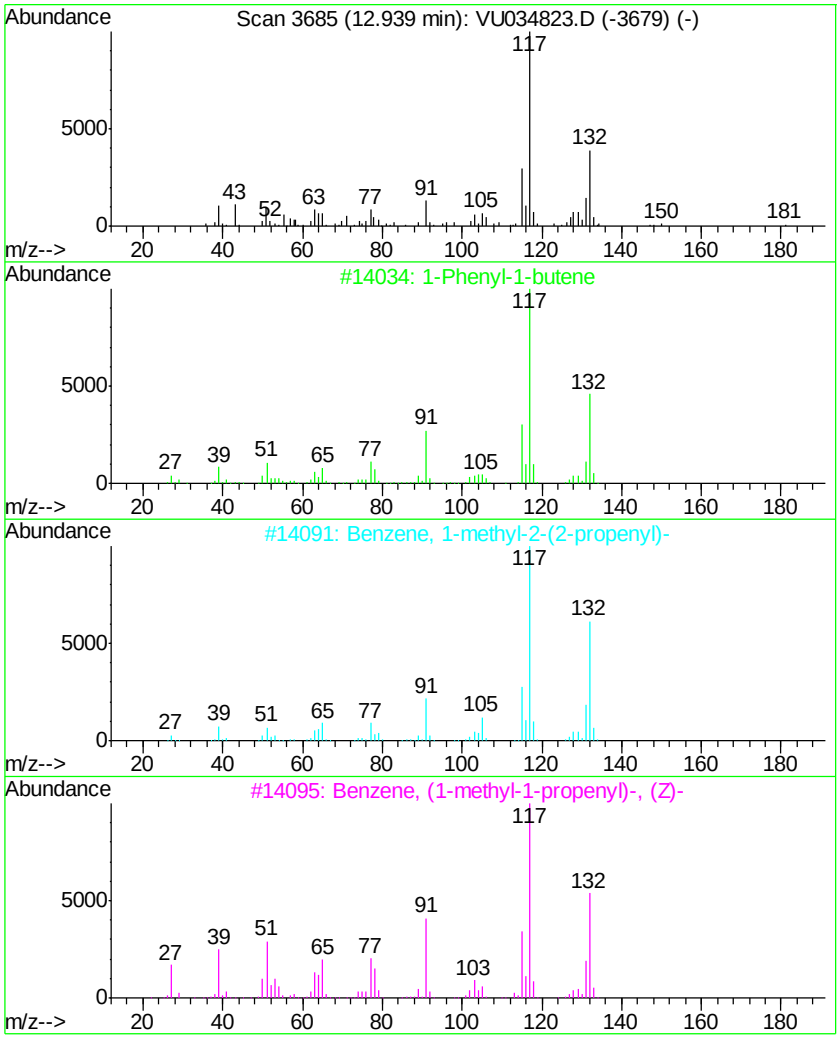
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

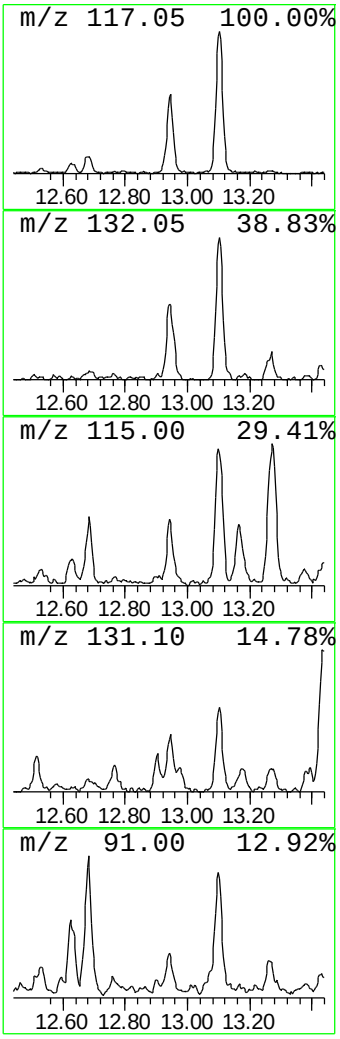
****

Peak Number 29 1-Phenyl-1-butene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	3.82 ug/L	98938	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
3	Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000767-99-7	87
4	Indan, 1-methyl-	132	C10H12	000767-58-8	86
5	Indan, 1-methyl-	132	C10H12	000767-58-8	83





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Acq On : 25 Sep 2019 23:28
Operator : JC/SP
Sample : K4983-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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

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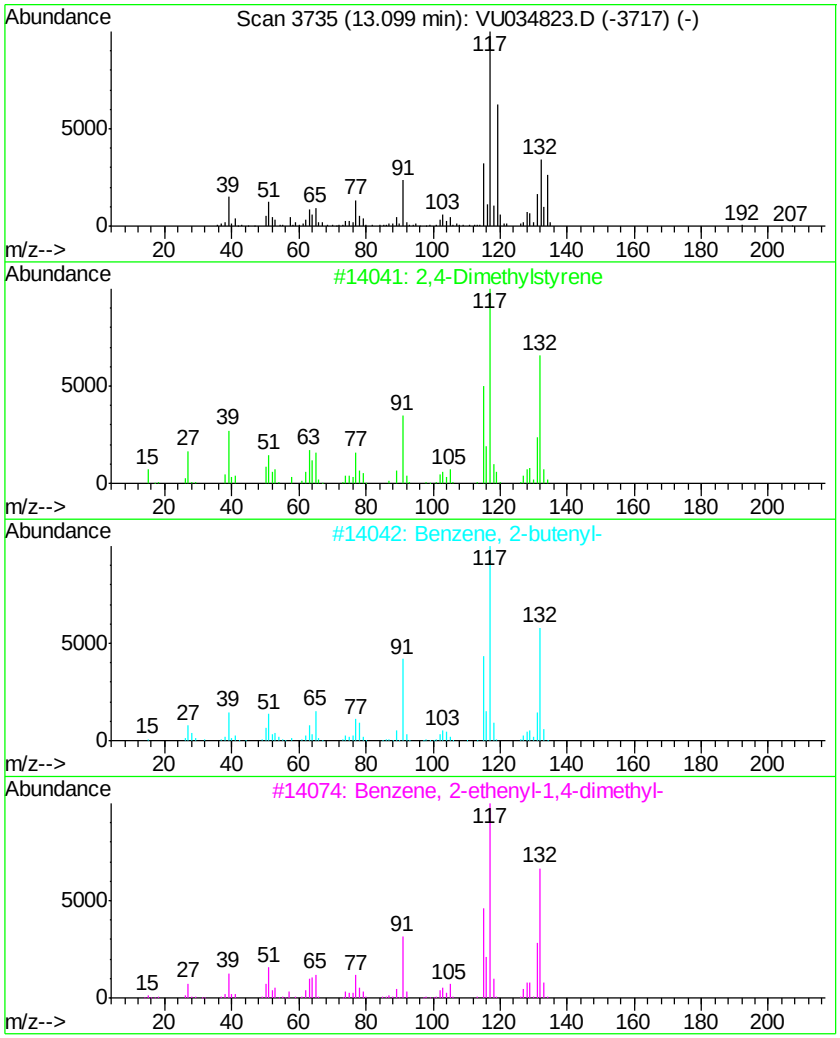
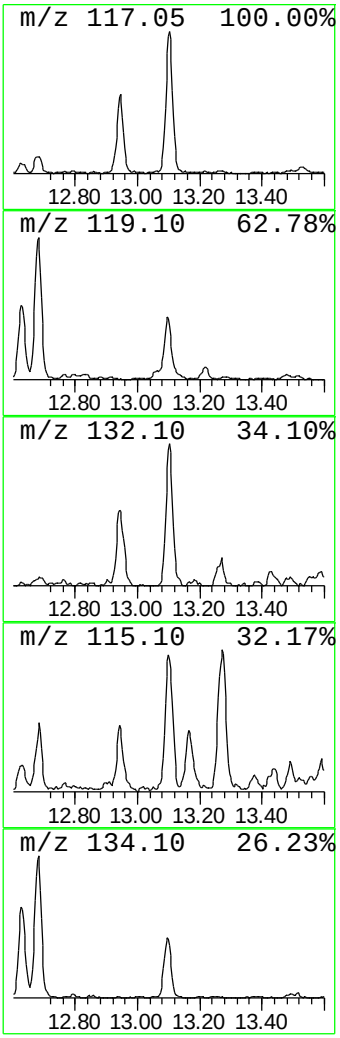
Peak Number 30 2,4-Dimethylstyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	11.09 ug/L	287183	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-butenyl-	132	C10H12	001560-06-1	89
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	86
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70





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Data File : VU034823.D
Acq On : 25 Sep 2019 23:28
Operator : JC/SP
Sample : K4983-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

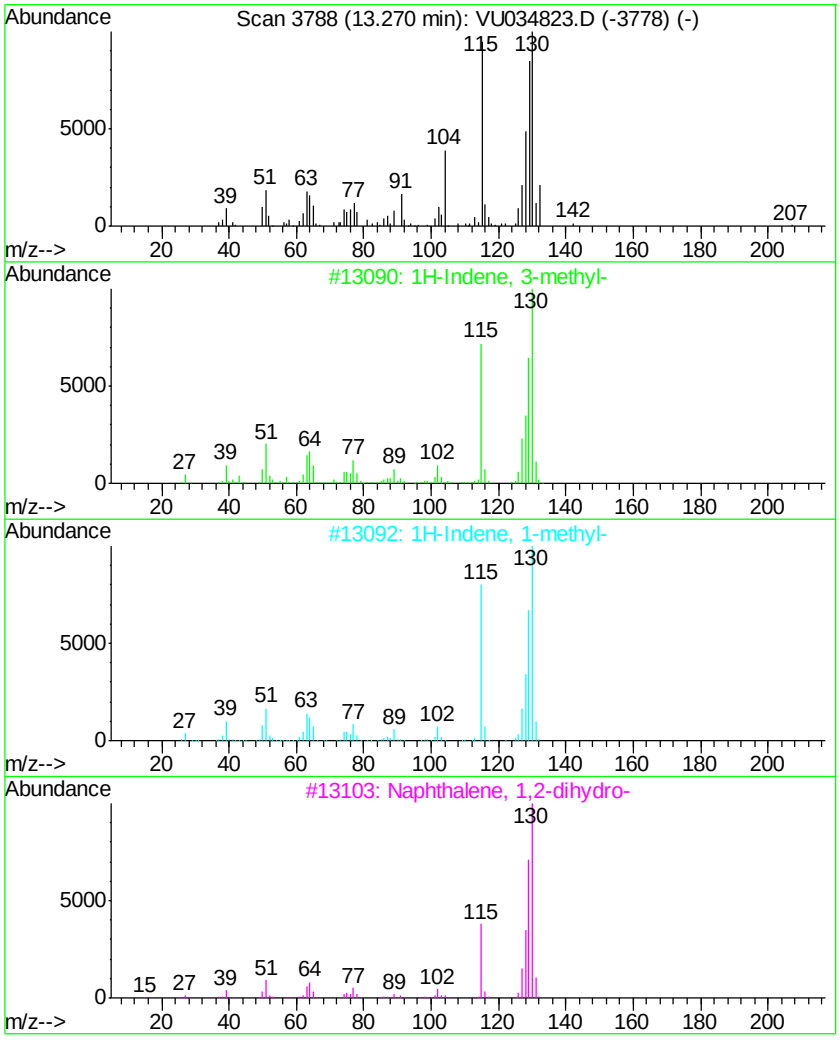
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

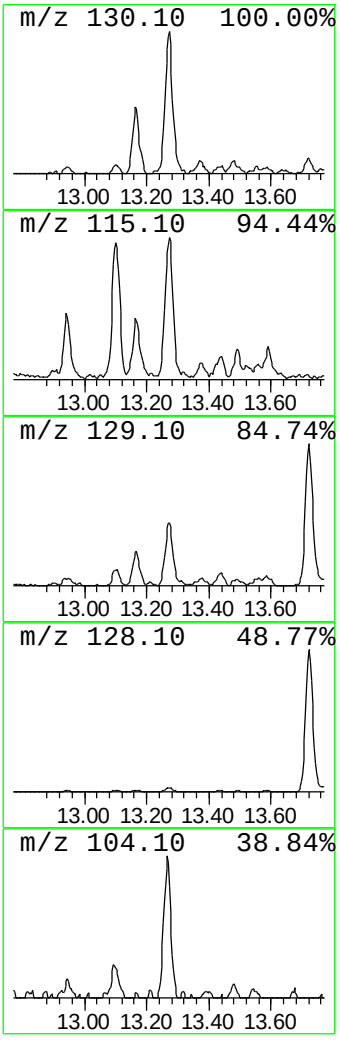
****

Peak Number 31 1H-Indene, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	4.91 ug/L	127179	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	97
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
3	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	95
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
5	2-Methylindene	130	C10H10	002177-47-1	94





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Acq On : 25 Sep 2019 23:28
Operator : JC/SP
Sample : K4983-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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

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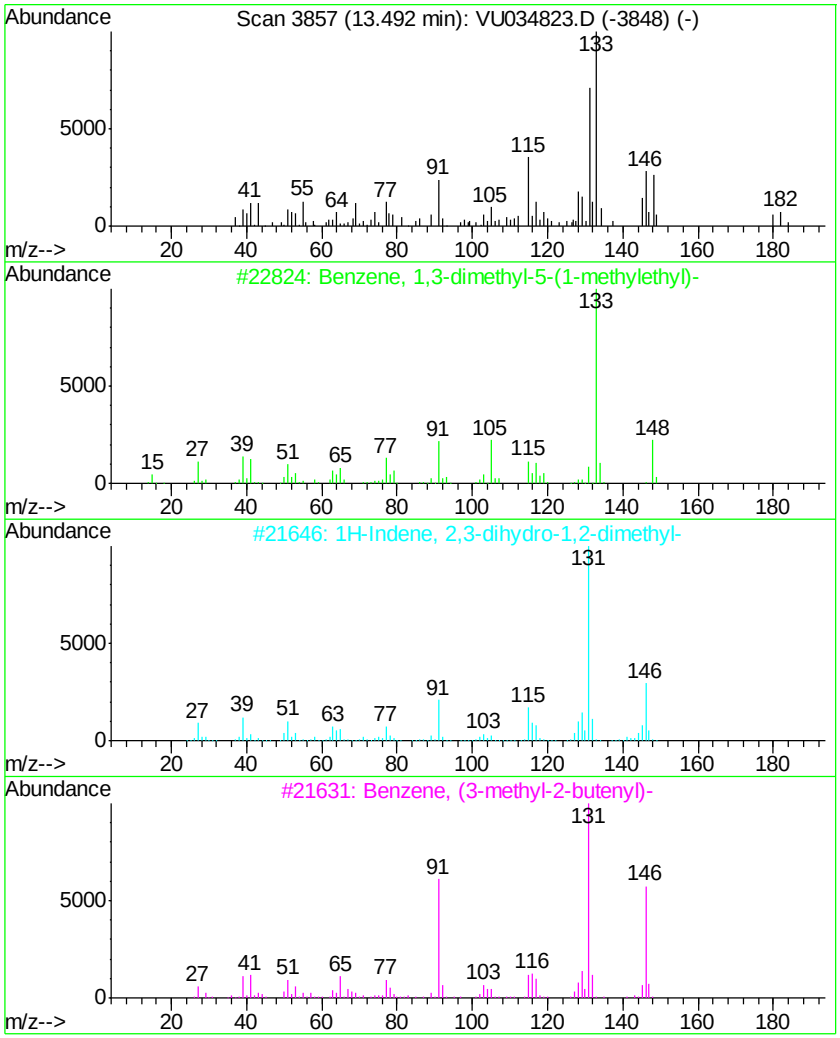
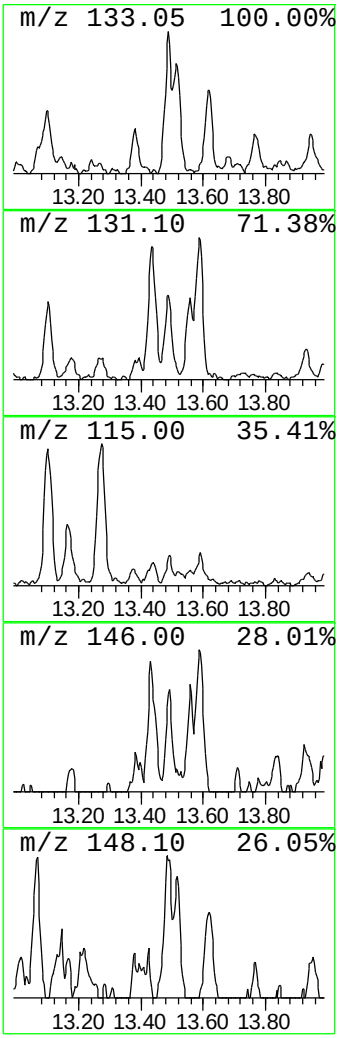
Peak Number 32 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	3.02 ug/L	78125	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	50
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	46
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	46
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	45
5	2-tert-Butyltoluene	148	C11H16	001074-92-6	43





Library Search Compound Report

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Data File : VU034823.D
Acq On : 25 Sep 2019 23:28
Operator : JC/SP
Sample : K4983-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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

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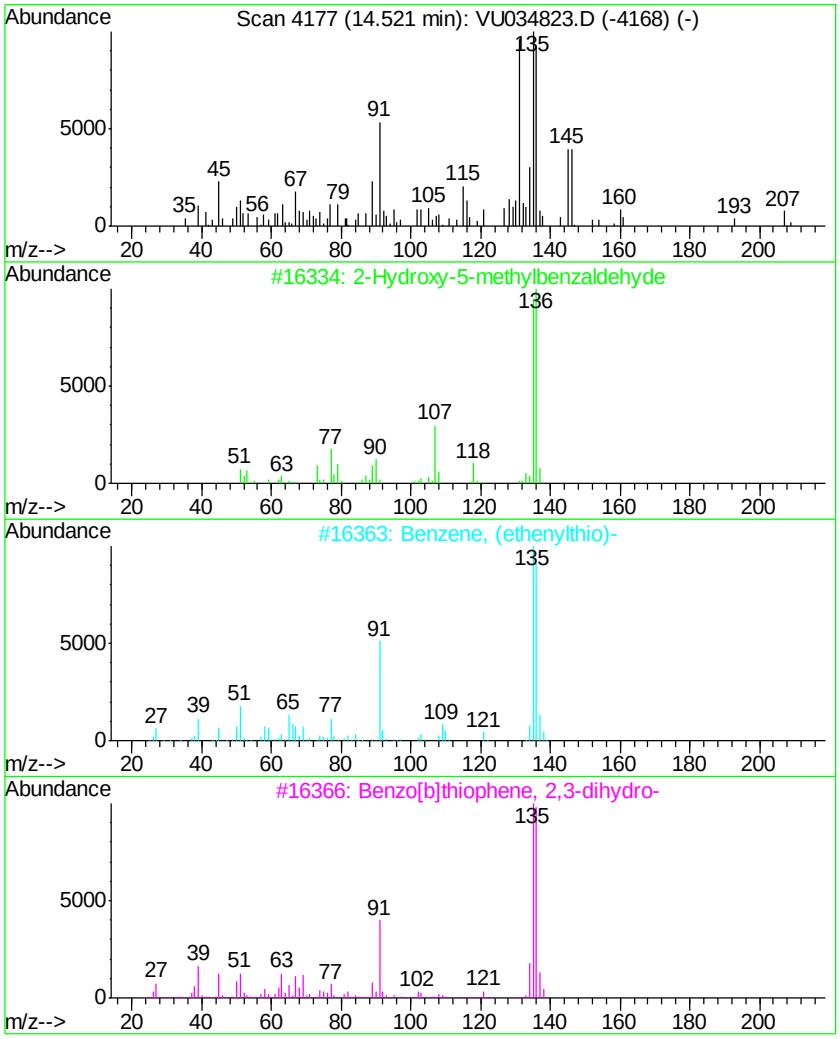
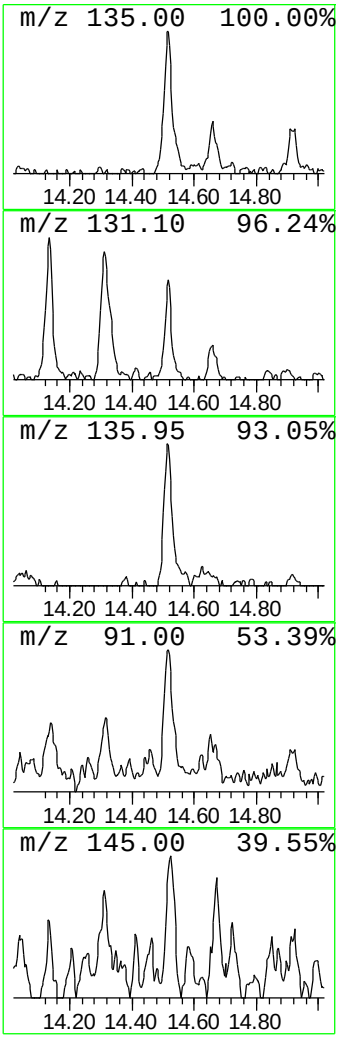
Peak Number 34 unknown-03 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	2.64 ug/L	68367	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-5-methylbenzaldehyde	136	C8H8O2	000613-84-3	43
2	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	43
3	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	43
4	4-Hydroxy-2-methylbenzaldehyde	136	C8H8O2	041438-18-0	38
5	Benzaldehyde, 3-methoxy-	136	C8H8O2	000591-31-1	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092519\
Data File : VU034823.D
Acq On : 25 Sep 2019 23:28
Operator : JC/SP
Sample : K4983-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

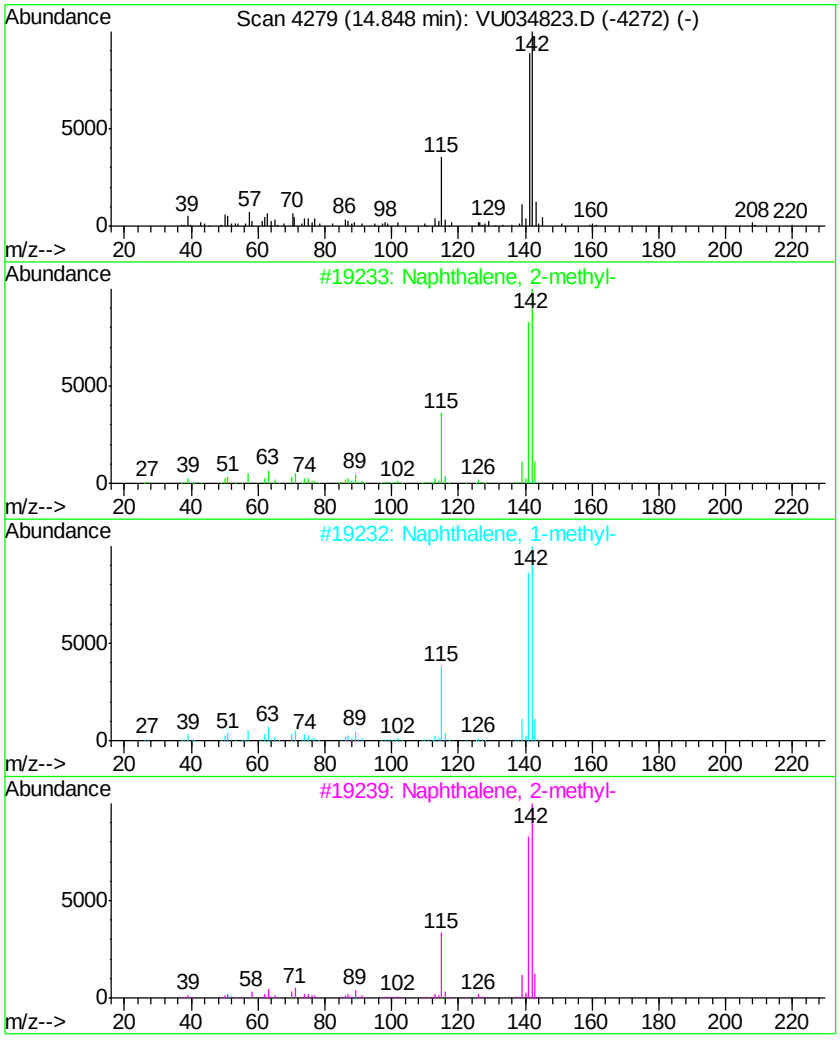
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

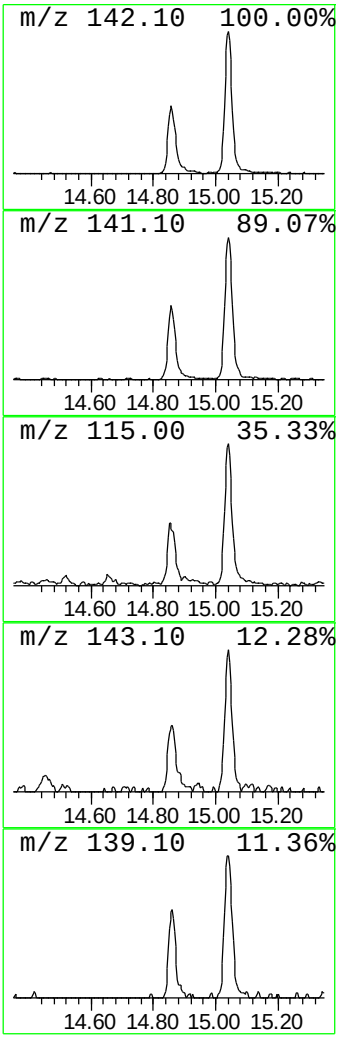
****

Peak Number 35 Naphthalene, 1-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	4.25 ug/L	110033	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	95
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092519\
Data File : VU034823.D
Acq On : 25 Sep 2019 23:28
Operator : JC/SP
Sample : K4983-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDM8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.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
unknown-01	1.55	2.8	ug/L	65062	1	5.86	1149250	50.0
Propanal, 2-methyl-	3.16	2.7	ug/L	61208	1	5.86	1149250	50.0
unknown-02	3.97	3.2	ug/L	73694	1	5.86	1149250	50.0
Methane-d, trichl...	4.62	35.0	ug/L	805253	1	5.86	1149250	50.0
Isopropyl acetate	5.53	9.5	ug/L	218841	1	5.86	1149250	50.0
n-Propyl acetate	6.68	147.6	ug/L	3391950	1	5.86	1149250	50.0
Propanoic acid, 1...	7.40	14.8	ug/L	339824	1	5.86	1149250	50.0
Propanoic acid, 2...	8.13	15.3	ug/L	458905	2	9.07	1502320	50.0
Propanoic acid, p...	8.40	28.4	ug/L	854209	2	9.07	1502320	50.0
Butanoic acid, 1-...	8.88	29.3	ug/L	881685	2	9.07	1502320	50.0
Thiophene, tetrah...	9.48	3.2	ug/L	95082	2	9.07	1502320	50.0
Benzene, propyl-	10.57	5.5	ug/L	143779	3	11.46	1294550	50.0
Benzene, 1-ethyl-...	10.66	4.9	ug/L	125810	3	11.46	1294550	50.0
Benzene, 1,2,3-tr...	10.75	3.5	ug/L	90351	3	11.46	1294550	50.0
Dibutoxymethane	11.69	8.4	ug/L	216973	3	11.46	1294550	50.0
Benzene, 2-propenyl-	11.74	10.1	ug/L	261764	3	11.46	1294550	50.0
Indene	11.96	2.8	ug/L	73288	3	11.46	1294550	50.0
Benzene, 2-ethyl-...	12.23	2.9	ug/L	74184	3	11.46	1294550	50.0
Benzene, 1-ethyl-...	12.53	2.5	ug/L	65502	3	11.46	1294550	50.0
Bicyclo[2.2.1]hep...	12.59	2.8	ug/L	71410	3	11.46	1294550	50.0
Benzene, 1,2,4,5-...	12.63	4.7	ug/L	122495	3	11.46	1294550	50.0
1-Phenyl-1-butene	12.94	3.8	ug/L	98938	3	11.46	1294550	50.0
2,4-Dimethylstyrene	13.10	11.1	ug/L	287183	3	11.46	1294550	50.0
1H-Indene, 3-methyl-	13.27	4.9	ug/L	127179	3	11.46	1294550	50.0
Benzene, 1,3-dime...	13.49	3.0	ug/L	78125	3	11.46	1294550	50.0
unknown-03	14.52	2.6	ug/L	68367	3	11.46	1294550	50.0
Naphthalene, 1-me...	14.85	4.3	ug/L	110033	3	11.46	1294550	50.0