LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092319\
Data File : VU034746.D
Acq On : 23 Sep 2019 20:32
Operator : JC/SP
Sample : K4932-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG4

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	1.392	86	94	105	rBV	322119	344882	9.26%	0.637%
2	1.543	130	141	149	rBV	36991	59865	1.61%	0.111%
3	1.672	172	181	194	rBV	259492	337171	9.05%	0.623%
4	1.749	200	205	214	rVB3	15423	21094	0.57%	0.039%
5	2.170	331	336	345	rVB3	11203	13754	0.37%	0.025%
6	2.257	353	363	373	rBV	481019	733167	19.69%	1.354%
7	2.305	373	378	393	rVB	57966	94800	2.55%	0.175%
8	2.428	410	416	422	rBV2	6430	10165	0.27%	0.019%
9	2.685	483	496	515	rBV	112283	216901	5.82%	0.401%
10	2.775	518	524	543	rVV6	11092	28046	0.75%	0.052%
11	3.633	781	791	794	rBV9	5955	11117	0.30%	0.021%
12	4.067	911	926	939	rBV5	21214	54817	1.47%	0.101%
13	4.151	939	952	980	rBV	234259	641327	17.22%	1.184%
14	4.624	1081	1099	1120	rBV	373607	895993	24.06%	1.655%
15	4.759	1130	1141	1151	rVB5	14115	28777	0.77%	0.053%
16	4.971	1192	1207	1223	rVB2	33173	76913	2.07%	0.142%
17	5.315	1291	1314	1325	rBV2	788893	2352358	63.16%	4.344%
18	5.527	1365	1380	1394	rBV2	86776	187343	5.03%	0.346%
19	5.865	1470	1485	1504	rBV	637895	1375032	36.92%	2.539%
20	6.309	1609	1623	1639	rBV	541531	1097373	29.46%	2.026%
21	6.399	1640	1651	1665	rVB7	46422	111931	3.01%	0.207%
22	6.563	1695	1702	1706	rVV2	14598	21543	0.58%	0.040%
23	6.591	1707	1711	1725	rVB2	18774	33325	0.89%	0.062%
24	6.685	1728	1740	1768	rBV	1749152	3156667	84.76%	5.829%
25	7.048	1840	1853	1862	rVV4	15818	30102	0.81%	0.056%
26	7.206	1890	1902	1925	rBV	326772	600563	16.13%	1.109%
27	7.402	1950	1963	1972	rBV	224742	399608	10.73%	0.738%
28	7.543	1992	2007	2018	rBV	1088450	1894487	50.87%	3.498%
29	7.614	2018	2029	2047	rVB	1517145	2610187	70.08%	4.820%
30	7.829	2085	2096	2111	rBV	251218	449750	12.08%	0.831%
31	8.135	2179	2191	2205	rBV	318830	533089	14.31%	0.984%
32	8.212	2205	2215	2221	rBV5	30053	51791	1.39%	0.096%
33	8.289	2229	2239	2263	rBV	923827	1595678	42.84%	2.947%
34	8.395	2263	2272	2301	rVB	319306	545070	14.64%	1.007%

LSC Area Percent Report

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Operator : JC/SP
Sample : K4932-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG4

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	8.514	2302	2309	2320	rVB4	15099	26414	0.71%	0.049%
36	8.884	2411	2424	2451	rBV	511819	822952	22.10%	1.520%
37	9.067	2463	2481	2507	rBV	939200	1707809	45.85%	3.154%
38	9.228	2520	2531	2547	rBV	578679	926441	24.87%	1.711%
39	9.350	2556	2569	2588	rBV	2075740	3404399	91.41%	6.287%
40	9.476	2601	2608	2617	rVB	16494	23093	0.62%	0.043%
41	9.585	2635	2642	2662	rBV2	19204	38607	1.04%	0.071%
42	9.755	2684	2695	2720	rVB	1644694	2619124	70.32%	4.836%
43	9.929	2736	2749	2762	rBV9	12596	31464	0.84%	0.058%
44	10.016	2762	2776	2784	rBV9	11780	26983	0.72%	0.050%
45	10.144	2805	2816	2827	rVB2	66495	107890	2.90%	0.199%
46	10.299	2851	2864	2872	rVV2	11607	23993	0.64%	0.044%
47	10.353	2873	2881	2886	rBV6	8437	12246	0.33%	0.023%
48	10.408	2887	2898	2914	rVV	710140	1158019	31.09%	2.138%
49	10.566	2936	2947	2960	rBV	139830	237883	6.39%	0.439%
50	10.659	2963	2976	2994	rVV	720179	1540790	41.37%	2.845%
51	10.749	2994	3004	3033	rVB	570305	891421	23.93%	1.646%
52	10.897	3040	3050	3057	rBV	61194	99984	2.68%	0.185%
53	10.948	3057	3066	3089	rVB	430211	717086	19.25%	1.324%
54	11.058	3093	3100	3108	rBV9	9375	18918	0.51%	0.035%
55	11.125	3109	3121	3135	rVV	1683526	2571198	69.04%	4.748%
56	11.196	3138	3143	3153	rVB4	10800	16635	0.45%	0.031%
57	11.302	3170	3176	3184	rVB	24026	34125	0.92%	0.063%
58	11.402	3194	3207	3214	rBV2	67772	120435	3.23%	0.222%
59	11.459	3214	3225	3240	rVV	989731	1586048	42.59%	2.929%
60	11.546	3242	3252	3266	rVB	832048	1280996	34.39%	2.365%
61	11.742	3301	3313	3322	rBV	451685	797610	21.42%	1.473%
62	11.784	3322	3326	3332	rVV2	125878	171050	4.59%	0.316%
63	11.839	3332	3343	3366	rVB2	1180608	2324241	62.41%	4.292%
64	11.958	3370	3380	3393	rBV2	165022	269849	7.25%	0.498%
65	12.032	3395	3403	3417	rVB	66425	112515	3.02%	0.208%
66	12.125	3420	3432	3436	rBV	134147	214603	5.76%	0.396%
67	12.151	3437	3440	3452	rVB	128843	170705	4.58%	0.315%
68	12.228	3454	3464	3471	rBV	206558	309777	8.32%	0.572%
69	12.331	3486	3496	3517	rBV2	180589	362716	9.74%	0.670%
70	12.472	3532	3540	3547	rBV8	17537	29503	0.79%	0.054%
71	12.527	3548	3557	3567	rVV4	86886	150269	4.03%	0.277%

LSC Area Percent Report

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Acq On : 23 Sep 2019 20:32
Operator : JC/SP
Sample : K4932-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG4

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	12.594	3567	3578	3582	rVV2	80054	132644	3.56%	0.245%
73	12.627	3582	3588	3596	rVV	156168	246727	6.62%	0.456%
74	12.681	3596	3605	3620	rVB	260732	406717	10.92%	0.751%
75	12.765	3625	3631	3636	rBV8	14136	19228	0.52%	0.036%
76	12.942	3678	3686	3701	rVB	167525	261128	7.01%	0.482%
77	13.009	3702	3707	3714	rVB6	11184	14428	0.39%	0.027%
78	13.099	3717	3735	3746	rBV3	450511	765857	20.56%	1.414%
79	13.167	3749	3756	3766	rVV4	71608	121262	3.26%	0.224%
80	13.212	3767	3770	3778	rVV	15607	22146	0.59%	0.041%
81	13.270	3778	3788	3806	rVB2	156573	274949	7.38%	0.508%
82	13.376	3811	3821	3831	rBV6	78750	144365	3.88%	0.267%
83	13.434	3832	3839	3847	rVB2	49743	71370	1.92%	0.132%
84	13.488	3847	3856	3863	rBV3	69660	115409	3.10%	0.213%
85	13.556	3872	3877	3881	rBV4	17974	20734	0.56%	0.038%
86	13.588	3881	3887	3894	rVB2	35234	45924	1.23%	0.085%
87	13.720	3908	3928	3954	rBV	2285383	3724391	100.00%	6.877%
88	13.839	3957	3965	3983	rVV2	119208	228248	6.13%	0.421%
89	13.932	3987	3994	4006	rVV7	25042	60583	1.63%	0.112%
90	13.990	4007	4012	4023	rVB5	20813	32042	0.86%	0.059%
91	14.135	4045	4057	4072	rBV	50157	96237	2.58%	0.178%
92	14.315	4103	4113	4127	rBV3	45407	103703	2.78%	0.191%
93	14.453	4145	4156	4168	rBV5	21906	49199	1.32%	0.091%
94	14.517	4168	4176	4188	rVB6	40241	66589	1.79%	0.123%
95	14.662	4214	4221	4230	rVB6	14335	24685	0.66%	0.046%
96	14.800	4256	4264	4271	rVV4	28853	43801	1.18%	0.081%
97	14.855	4271	4281	4309	rVV	407622	733497	19.69%	1.354%
98	14.977	4312	4319	4326	rVB7	9833	14678	0.39%	0.027%
99	15.041	4328	4339	4354	rBV	424671	714619	19.19%	1.320%
100	16.044	4644	4651	4657	rBV5	18348	26209	0.70%	0.048%

Sum of corrected areas: 54153846

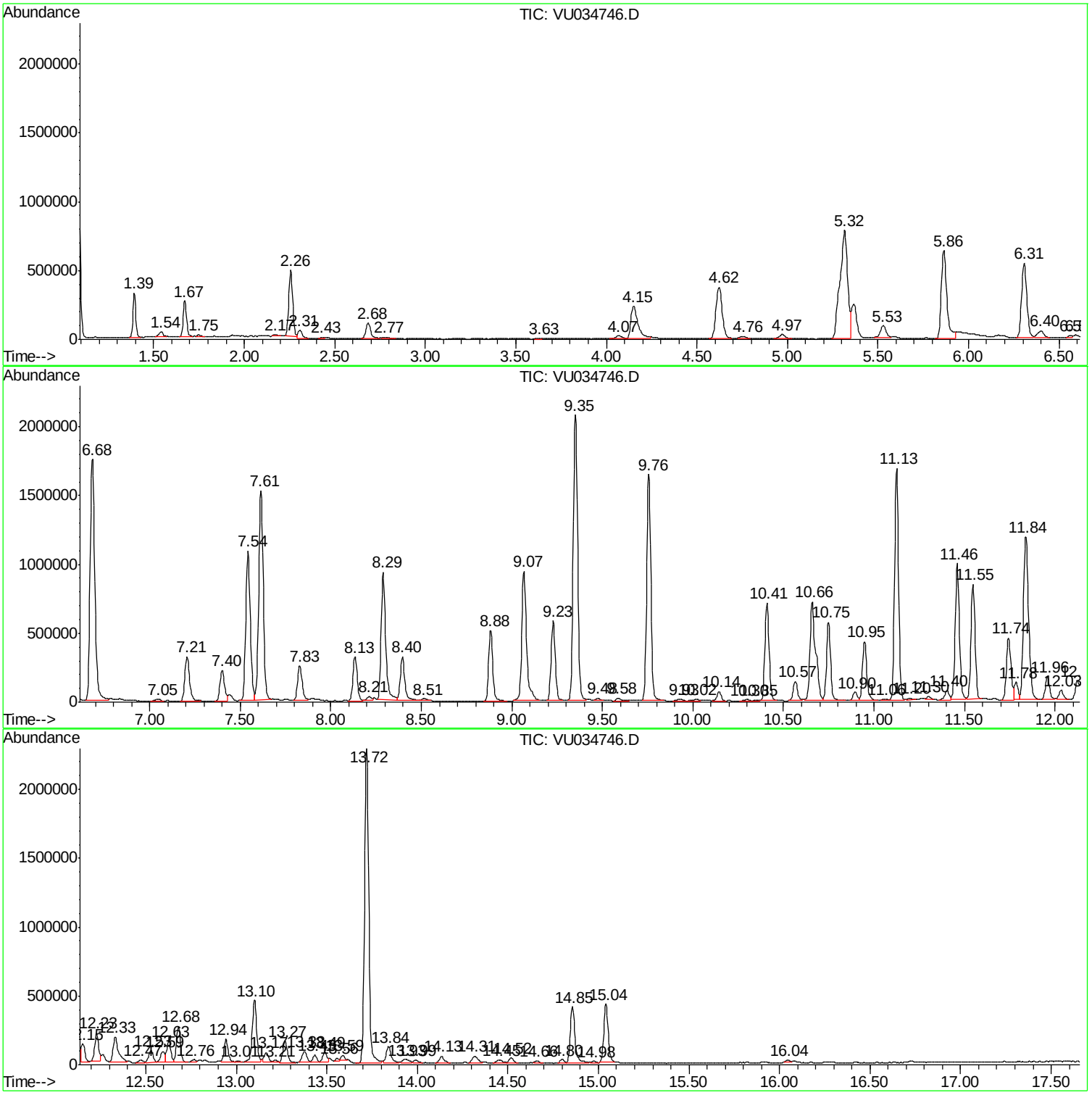
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Data File : VU034746.D
Acq On : 23 Sep 2019 20:32
Operator : JC/SP
Sample : K4932-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG4

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092319\
Data File : VU034746.D
Acq On : 23 Sep 2019 20:32
Operator : JC/SP
Sample : K4932-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG4

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

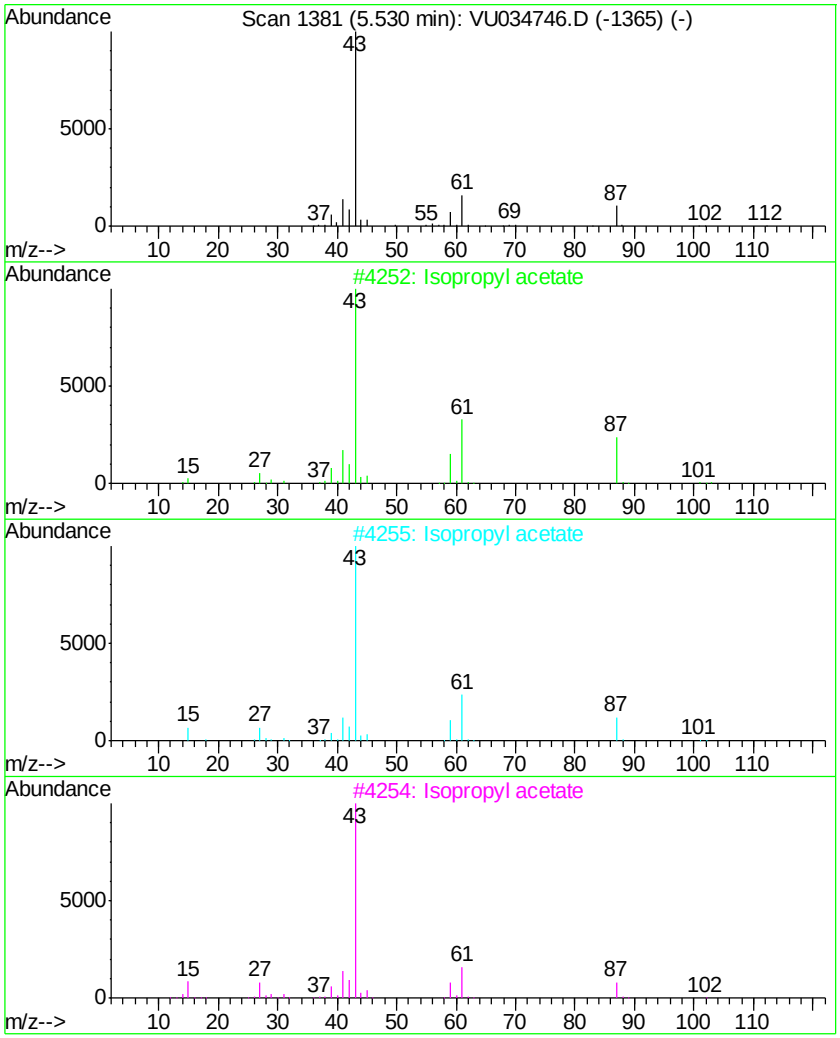
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

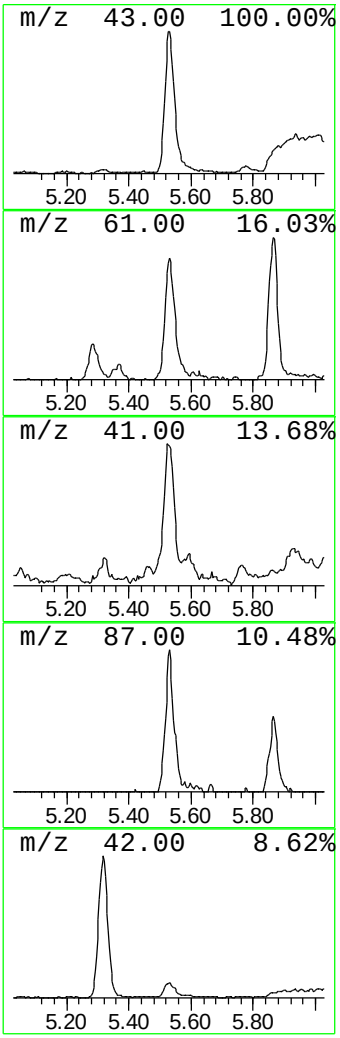
****

Peak Number 1 Isopropyl acetate Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.53	6.81 ug/L	187343	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl acetate	102	C5H10O2	000108-21-4	64
2	Isopropyl acetate	102	C5H10O2	000108-21-4	59
3	Isopropyl acetate	102	C5H10O2	000108-21-4	53
4	Isopropyl acetate	102	C5H10O2	000108-21-4	50
5	Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	23





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092319\
Data File : VU034746.D
Acq On : 23 Sep 2019 20:32
Operator : JC/SP
Sample : K4932-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG4

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

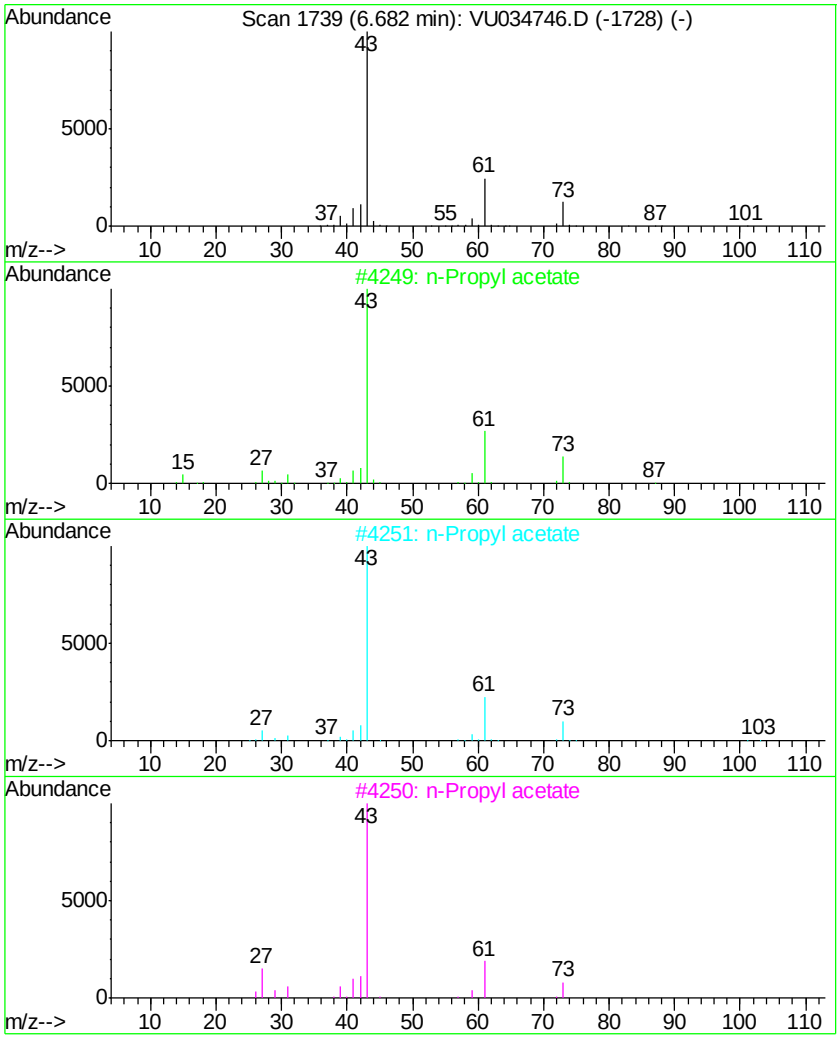
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

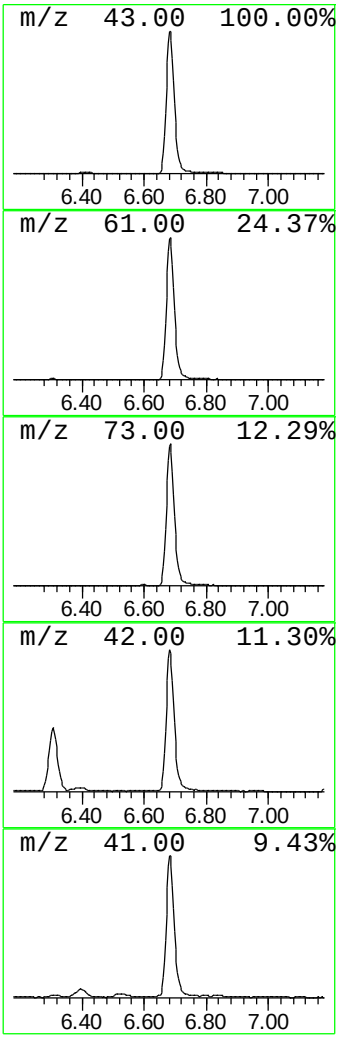
****

Peak Number 2 n-Propyl acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	114.79 ug/L	3156670	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	45
4	Isopropyl acetate	102	C5H10O2	000108-21-4	38
5	Isopropyl acetate	102	C5H10O2	000108-21-4	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Data File : VU034746.D
Acq On : 23 Sep 2019 20:32
Operator : JC/SP
Sample : K4932-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG4

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

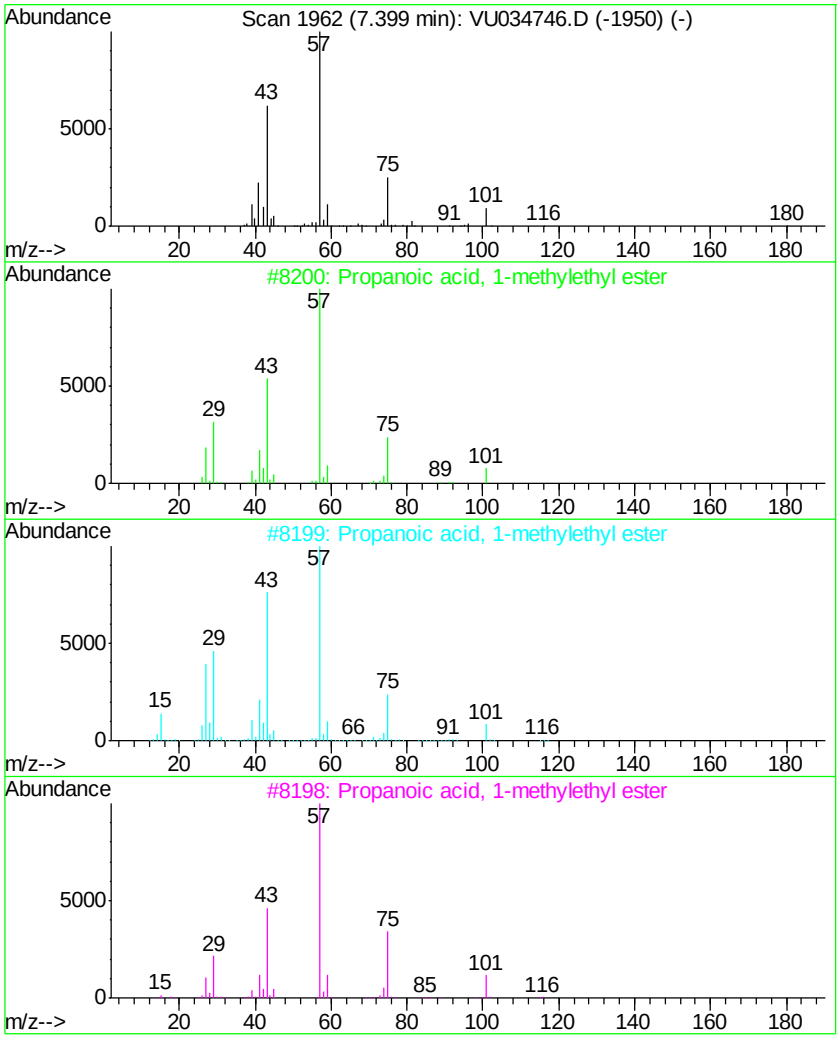
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

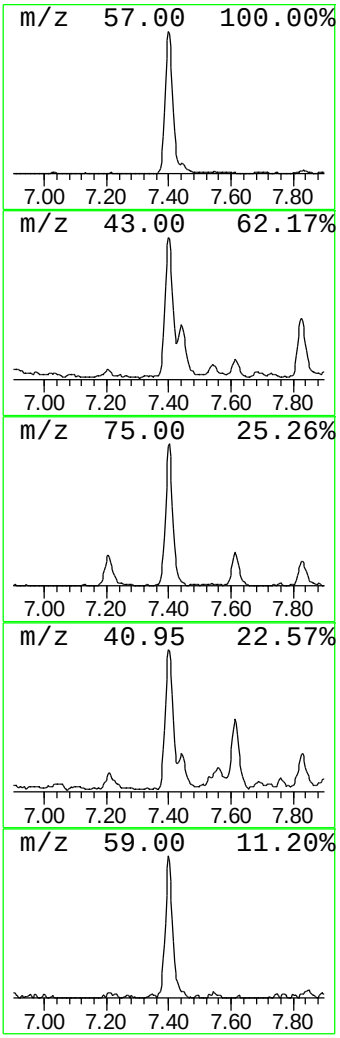
****

Peak Number 4 Propanoic acid, 1-methyleth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	14.53 ug/L	399608	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	90
2	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	83
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	72
4	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	64
5	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	36





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Data File : VU034746.D
Acq On : 23 Sep 2019 20:32
Operator : JC/SP
Sample : K4932-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG4

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

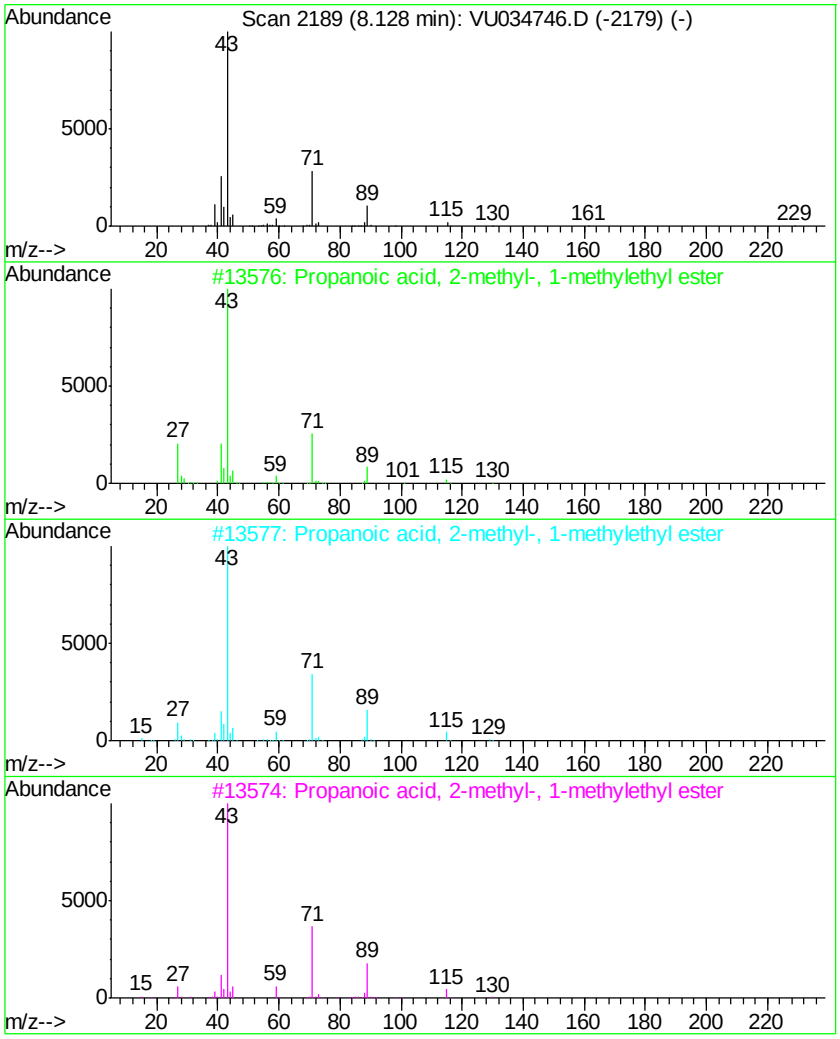
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

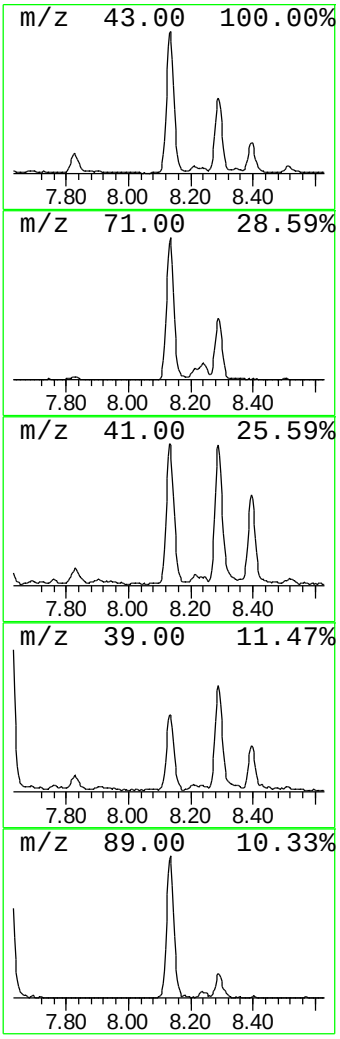
****

Peak Number 5 Propanoic acid, 2-methyl-, ... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	15.61 ug/L	533089	Chlorobenzene-d5	9.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	83
2	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	83
3	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	72
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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092319\
Data File : VU034746.D
Acq On : 23 Sep 2019 20:32
Operator : JC/SP
Sample : K4932-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG4

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

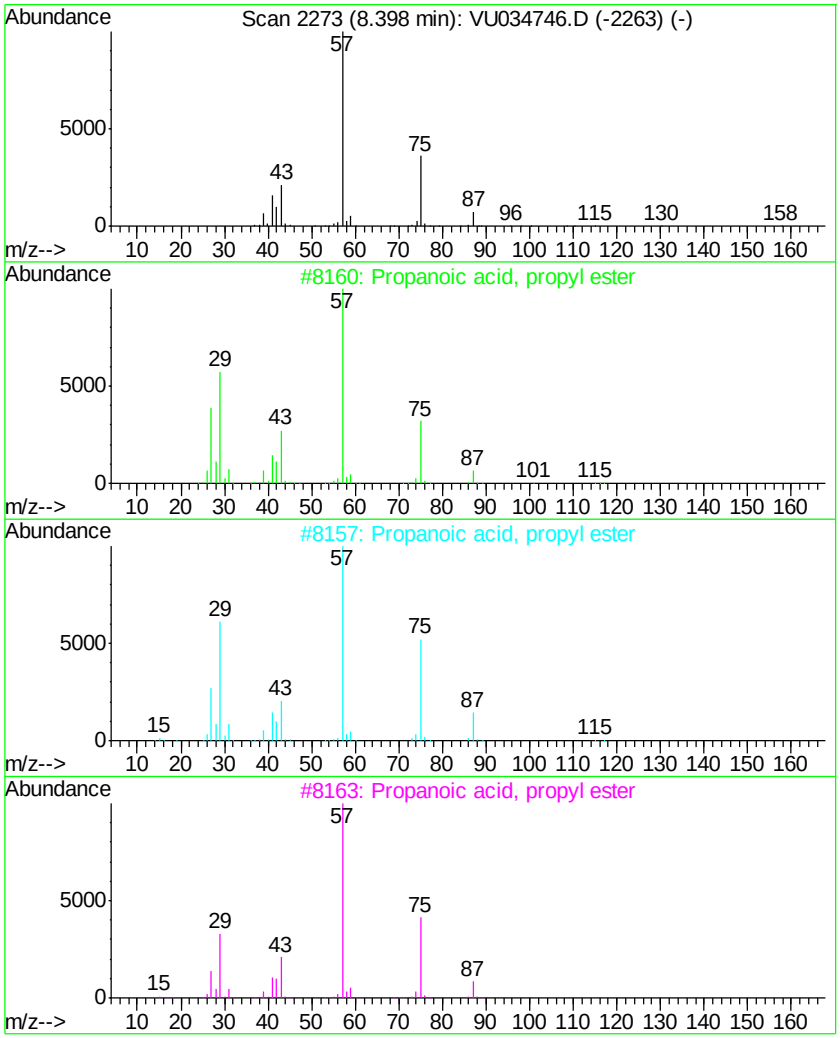
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

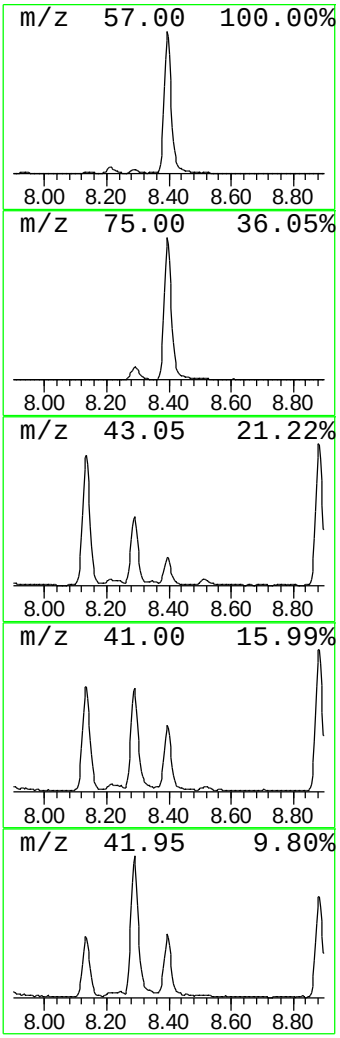
****

Peak Number 6 Propanoic acid, propyl ester Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	15.96 ug/L	545070	Chlorobenzene-d5	9.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	78
2	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	78
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	33





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Acq On : 23 Sep 2019 20:32
Operator : JC/SP
Sample : K4932-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG4

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Quant Title : VOC Analysis

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

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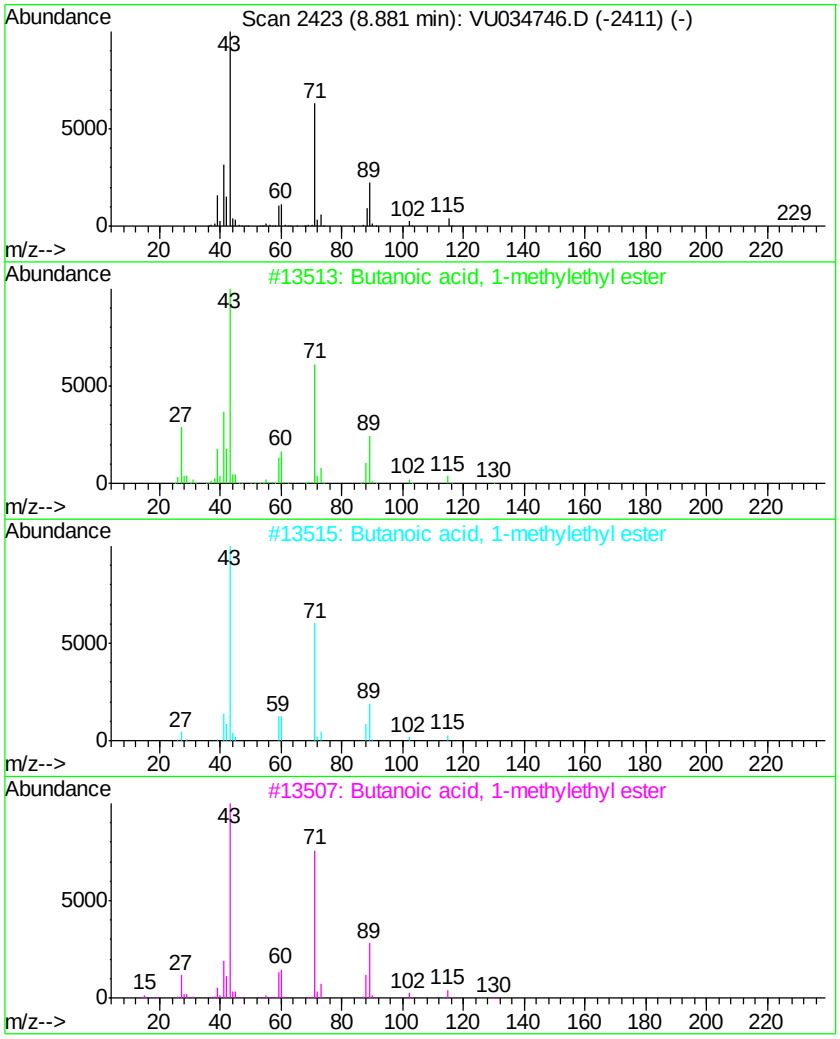
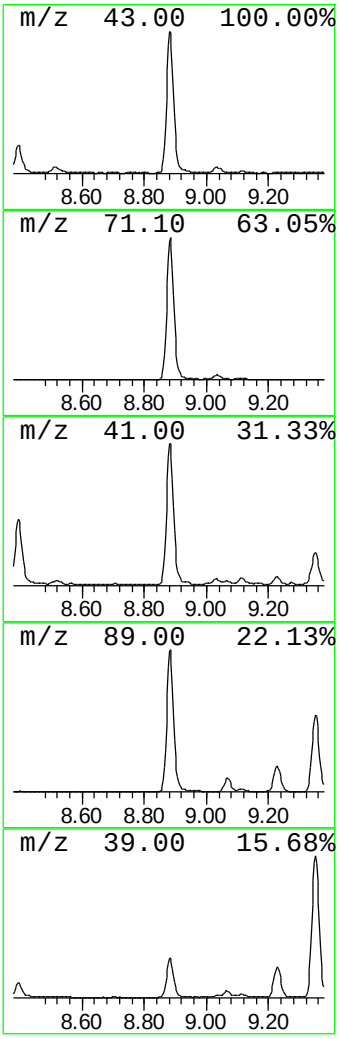
Peak Number 7 Butanoic acid, 1-methylethy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	24.09 ug/L	822952	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	72
5	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	59





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Operator : JC/SP
Sample : K4932-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG4

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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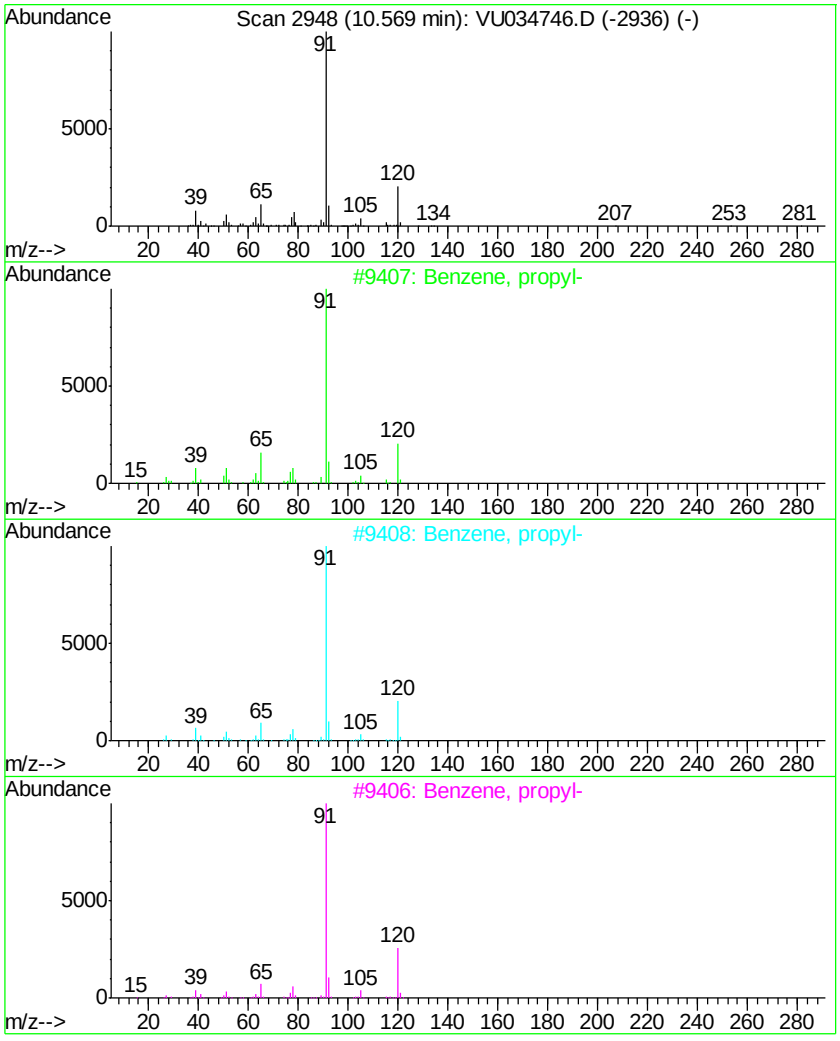
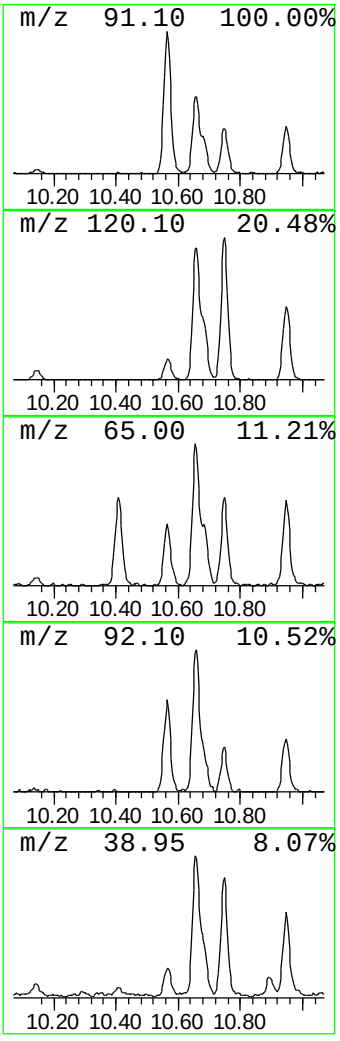
Peak Number 8 Benzene, propyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	7.50 ug/L	237883	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	72
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	72





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Operator : JC/SP
Sample : K4932-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG4

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

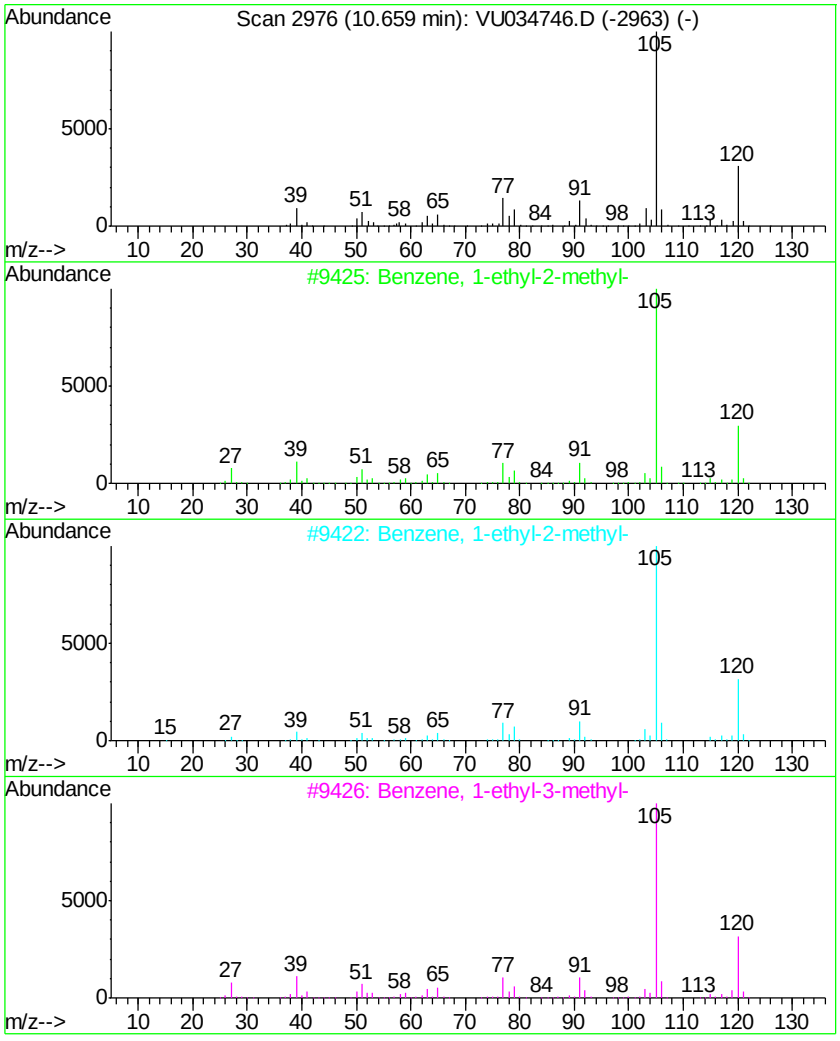
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

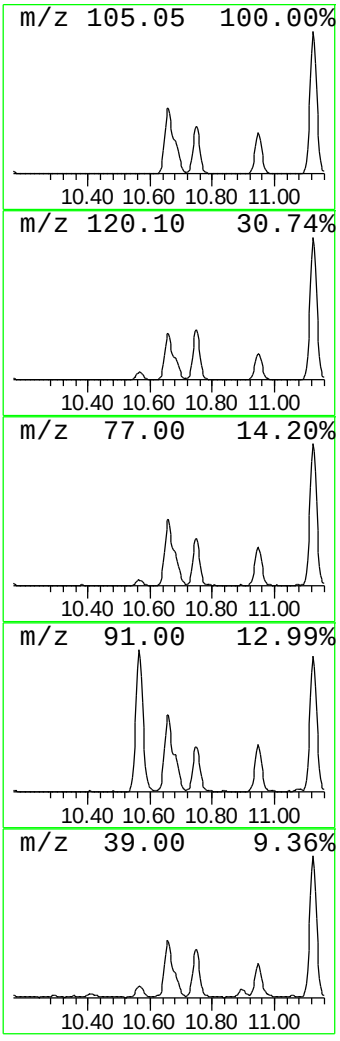
****

Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	48.57 ug/L	1540790	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-2-methyl-	120	C9H12	000611-14-3	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-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Operator : JC/SP
Sample : K4932-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG4

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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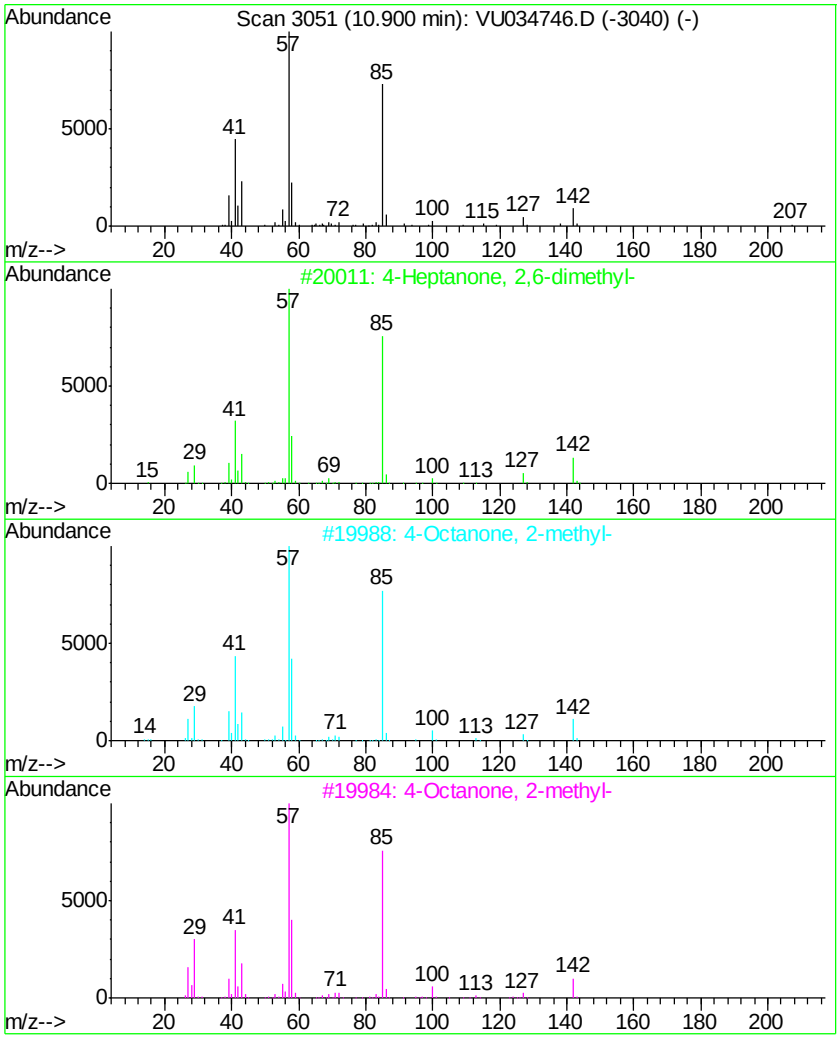
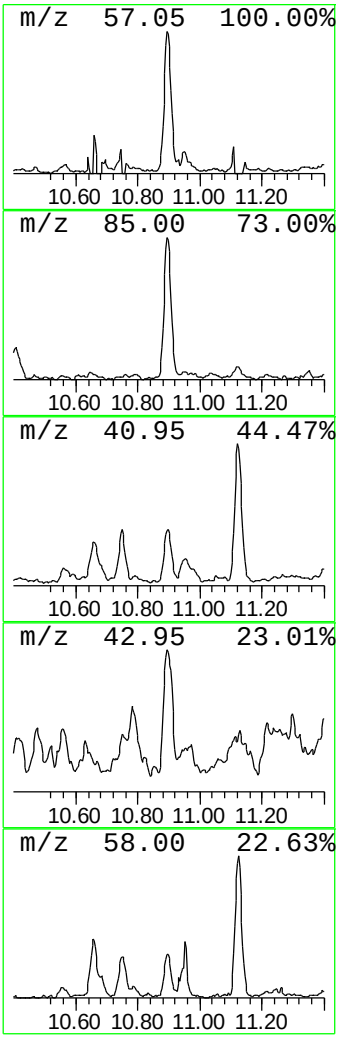
Peak Number 11 4-Heptanone, 2,6-dimethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	3.15 ug/L	99984	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	91
2	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	68
3	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	64
4	t-Butyl isobutyl ketone	142	C9H18O	014705-50-1	64
5	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	64





Library Search Compound Report

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Operator : JC/SP
Sample : K4932-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG4

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Quant Title : VOC Analysis

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

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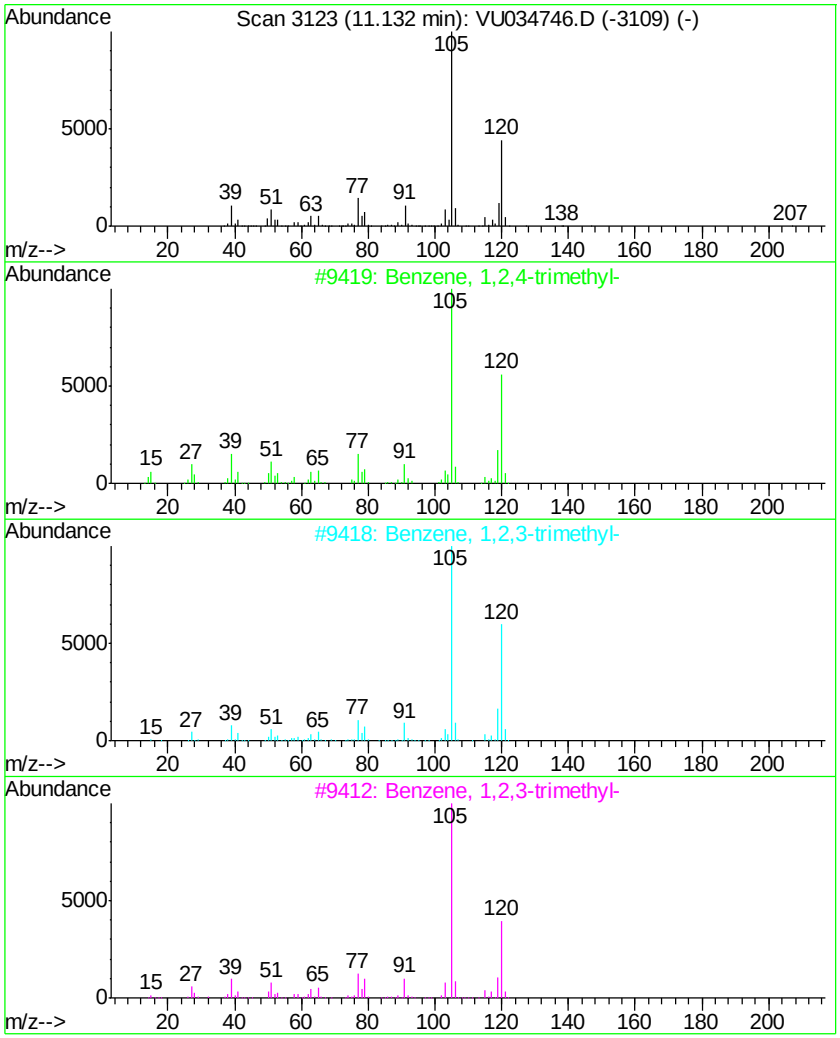
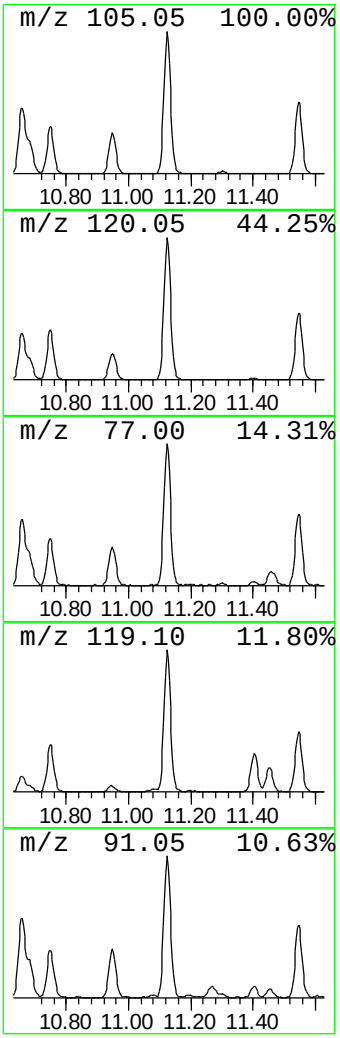
Peak Number 13 Benzene, 1,2,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	81.06 ug/L	2571200	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





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Operator : JC/SP
Sample : K4932-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG4

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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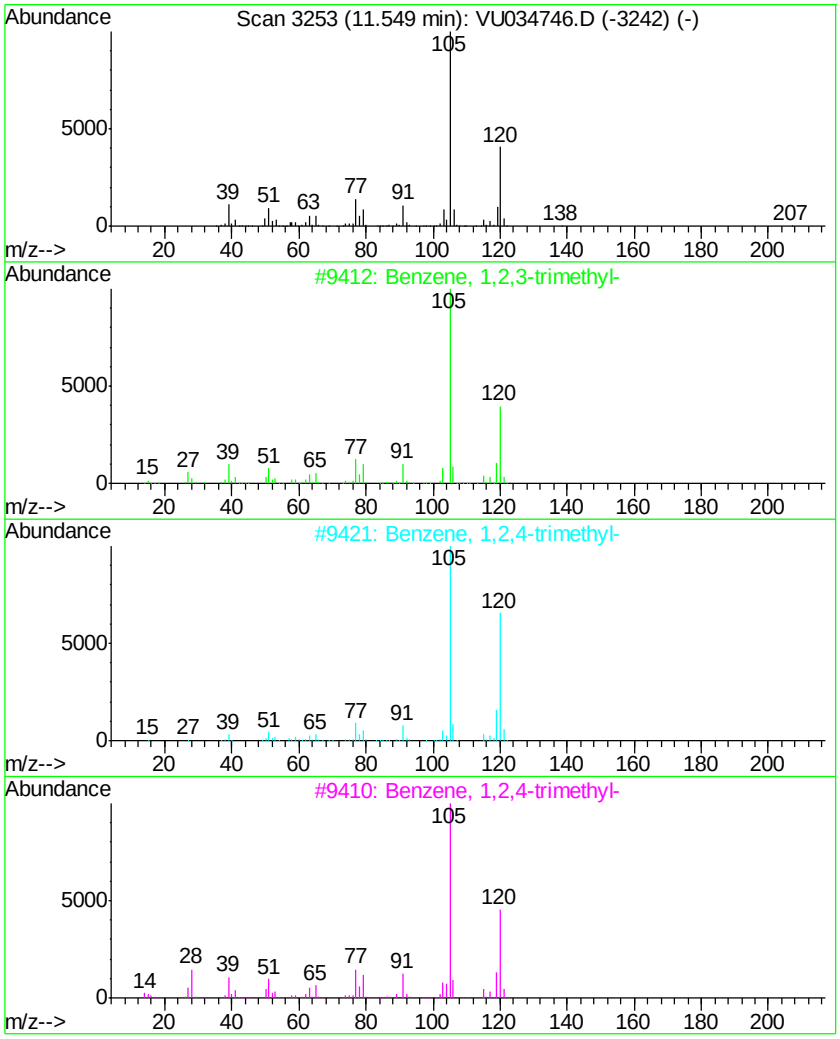
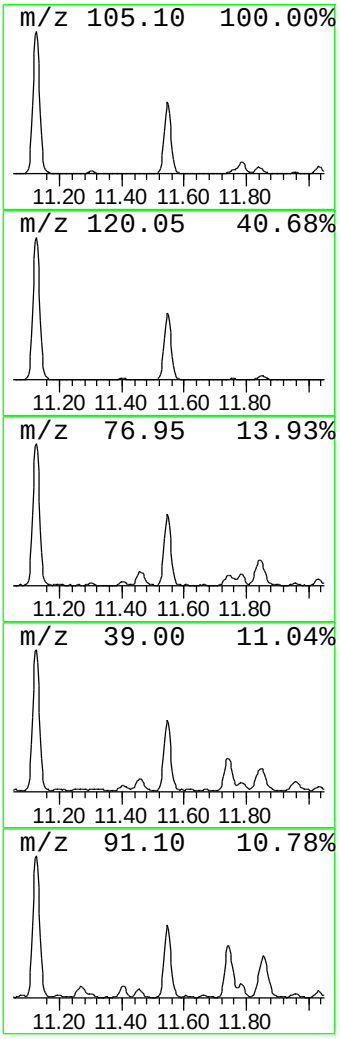
Peak Number 15 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	40.38 ug/L	1281000	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	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93





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Sample : K4932-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG4

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Quant Title : VOC Analysis

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

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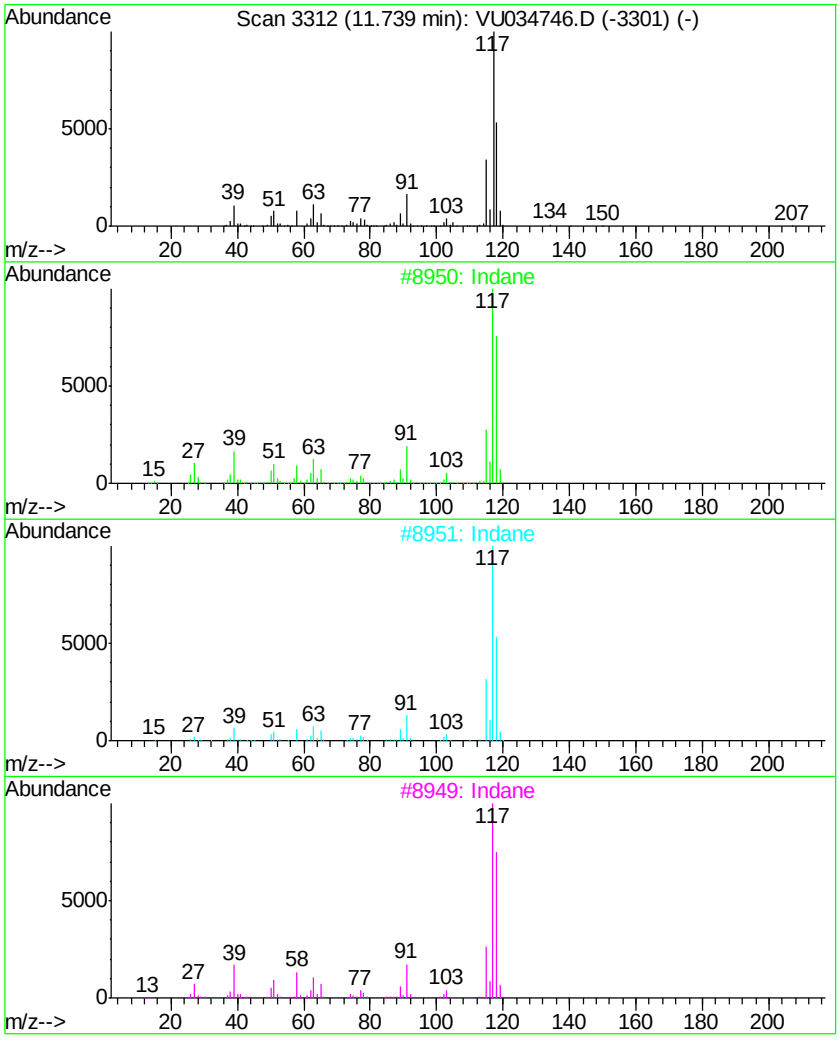
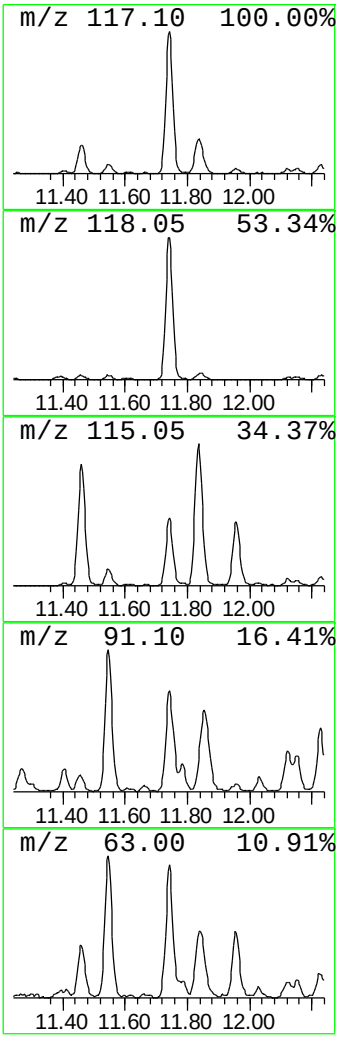
Peak Number 16 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	25.14 ug/L	797610	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	93
3	Indane	118	C9H10	000496-11-7	91
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	87
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81





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Operator : JC/SP
Sample : K4932-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG4

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 17 Benzene, 1-methyl-3-propyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	5.39 ug/L	171050	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	86
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	86
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	86
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	80
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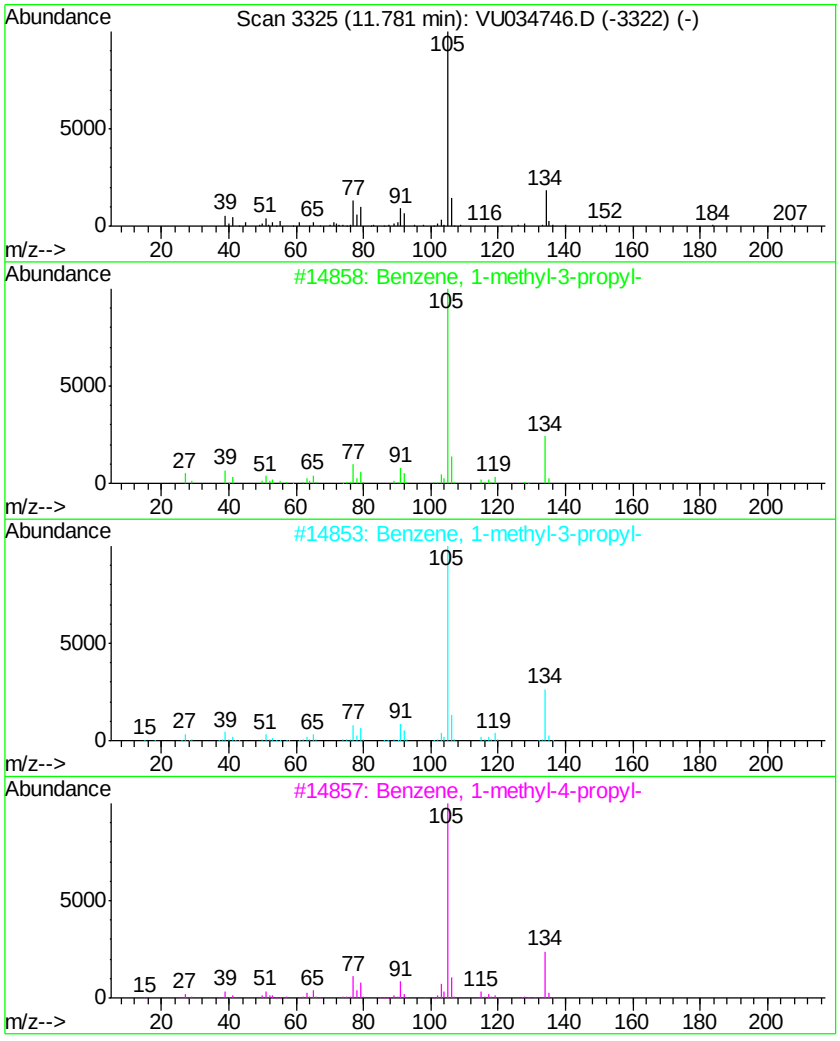

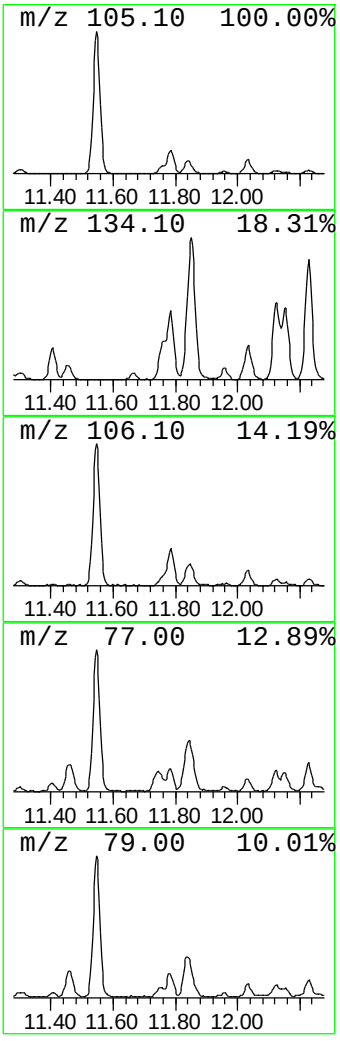

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Operator : JC/SP
Sample : K4932-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG4

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Quant Title : VOC Analysis

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

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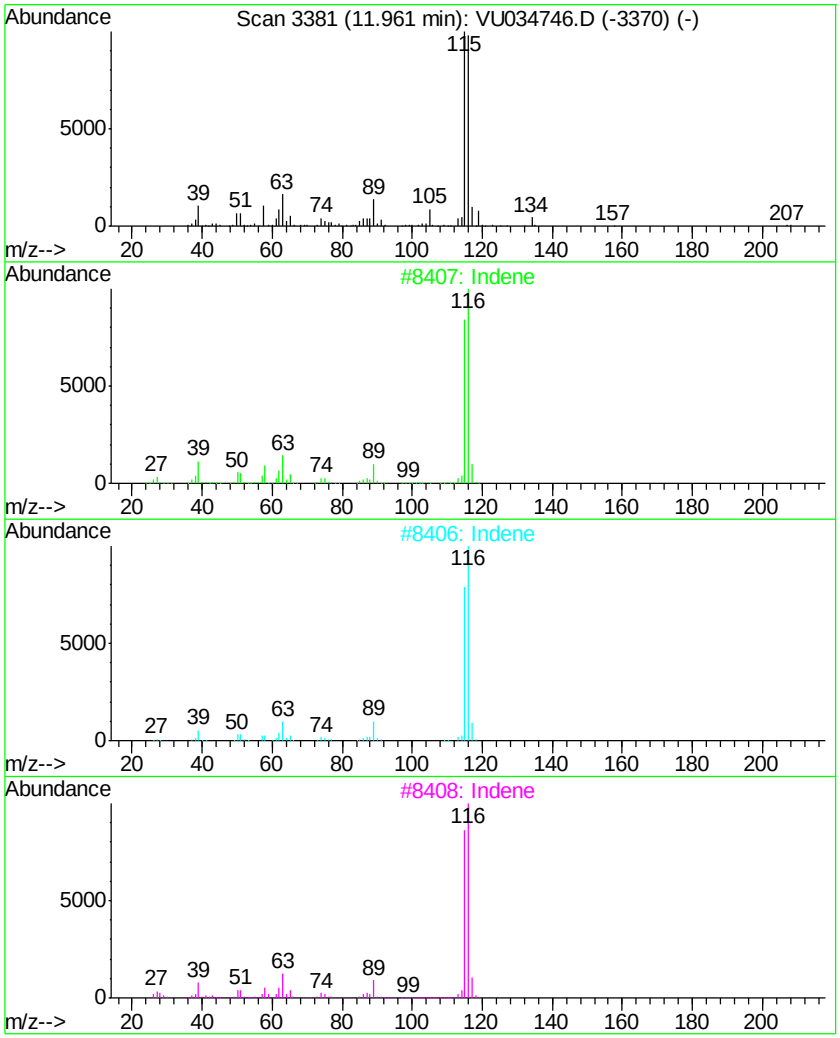
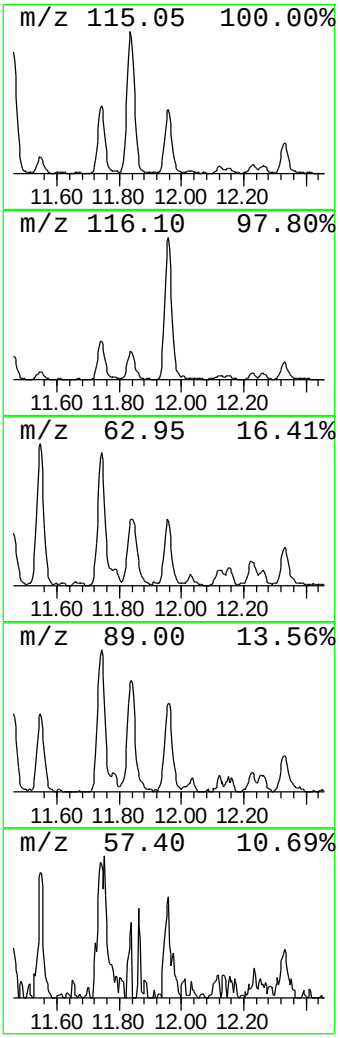
Peak Number 18 Indene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	8.51 ug/L	269849	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	96
2	Indene	116	C9H8	000095-13-6	93
3	Indene	116	C9H8	000095-13-6	91
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91





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Sample : K4932-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG4

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Quant Title : VOC Analysis

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

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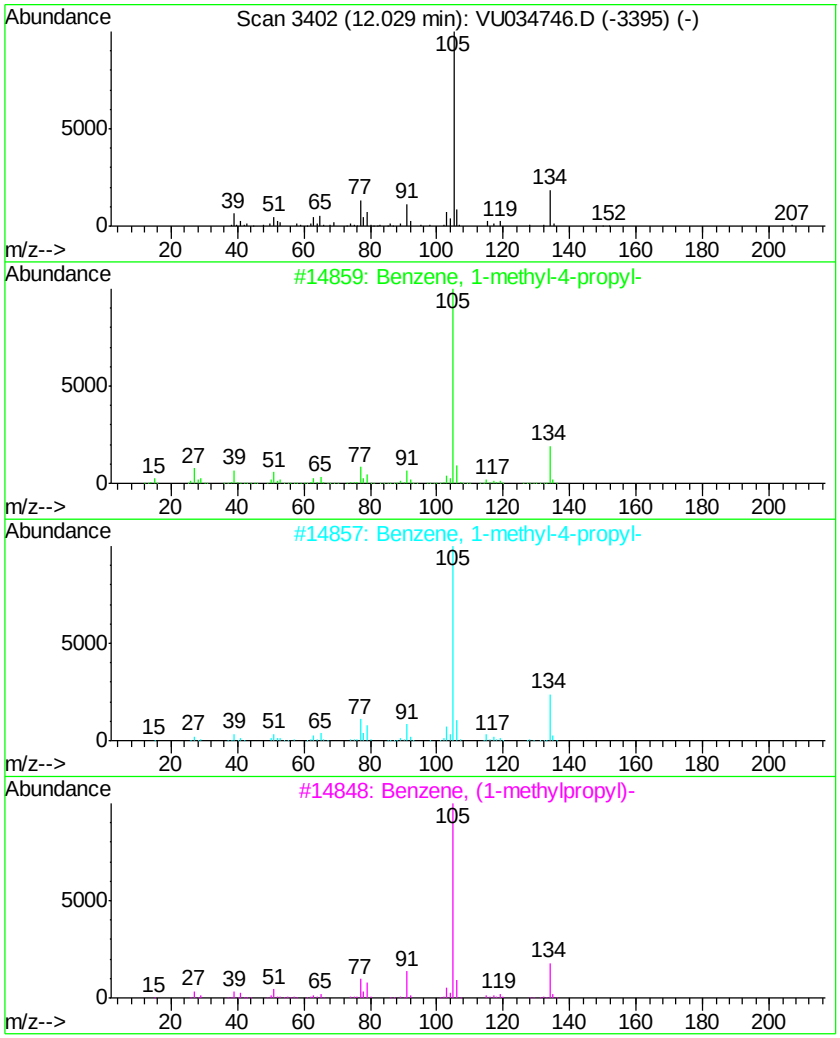
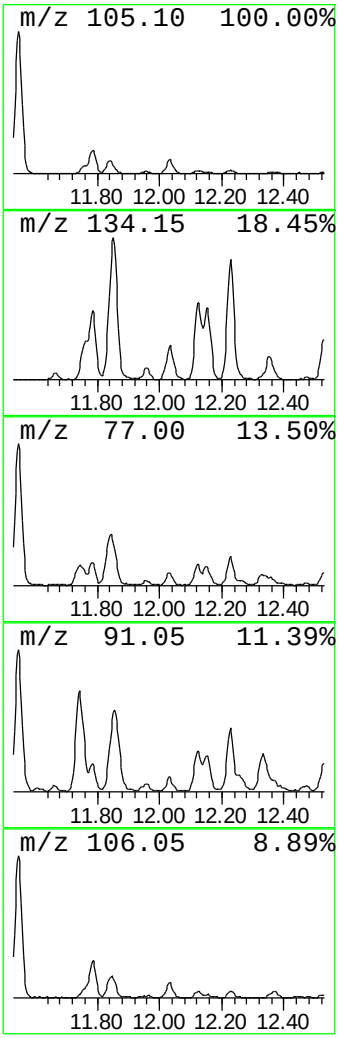
Peak Number 19 Benzene, 1-methyl-4-propyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	3.55 ug/L	112515	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87





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Sample : K4932-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG4

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Quant Title : VOC Analysis

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

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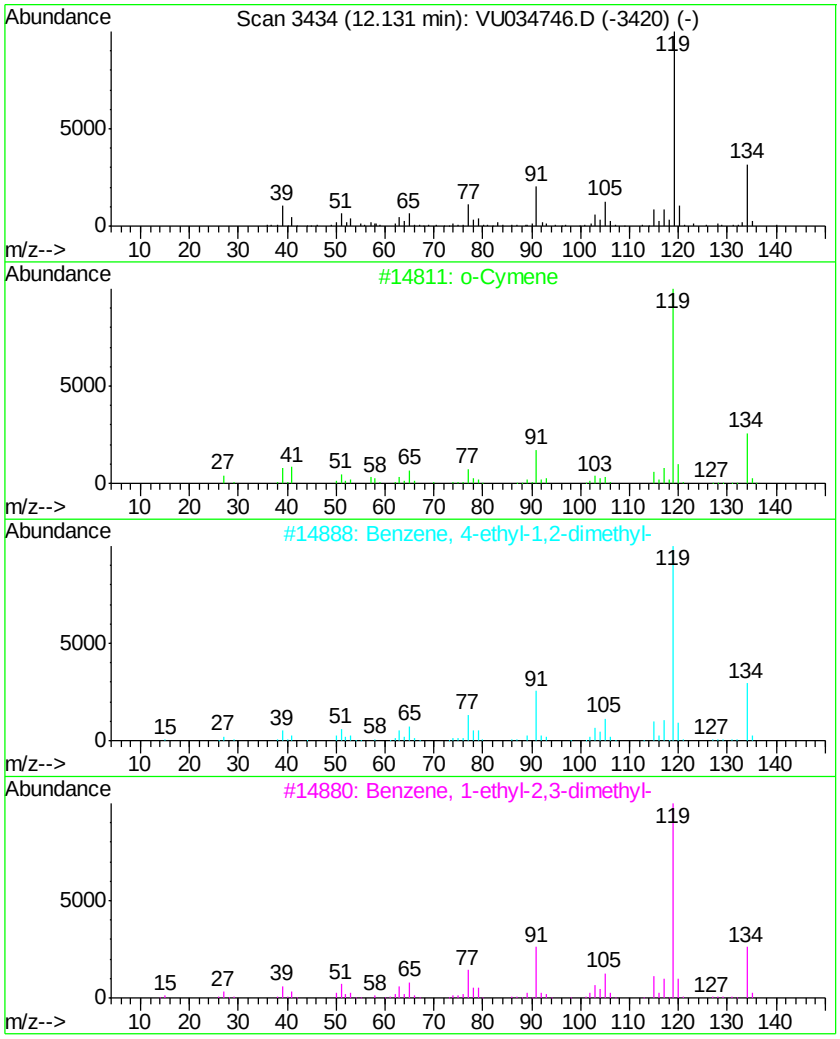
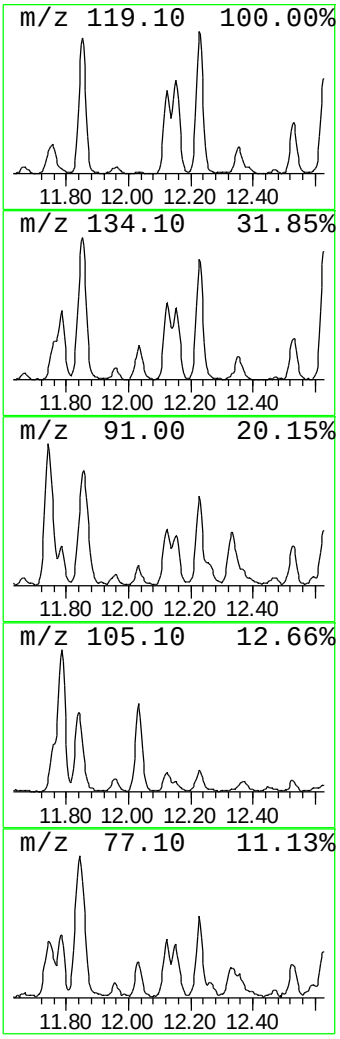
Peak Number 20 o-Cymene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	6.77 ug/L	214603	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93





Library Search Compound Report

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Acq On : 23 Sep 2019 20:32
Operator : JC/SP
Sample : K4932-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG4

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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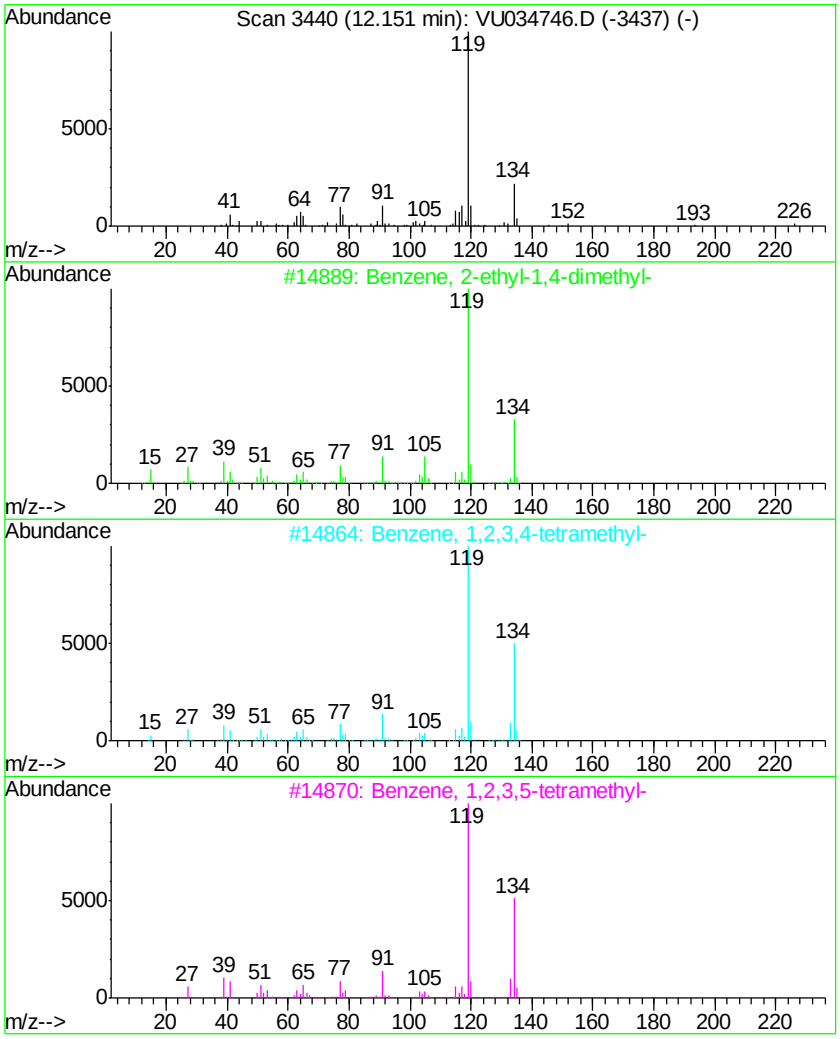
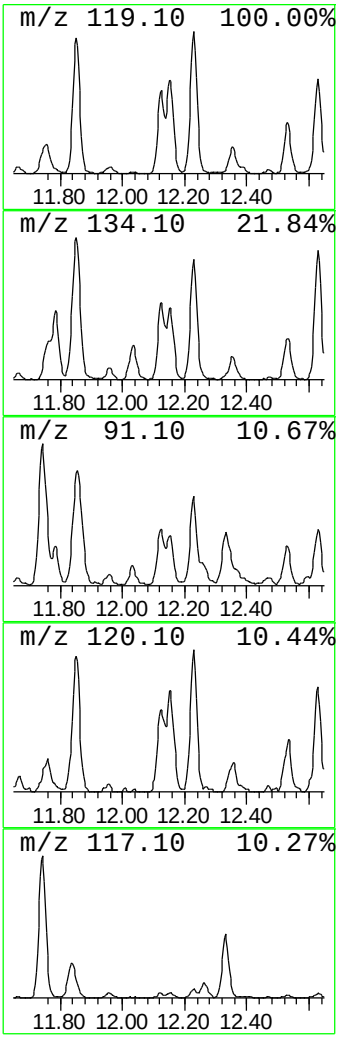
Peak Number 21 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	5.38 ug/L	170705	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	86
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	83
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	80
4	p-Cymene	134	C10H14	000099-87-6	80
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	80





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Data File : VU034746.D
Acq On : 23 Sep 2019 20:32
Operator : JC/SP
Sample : K4932-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG4

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

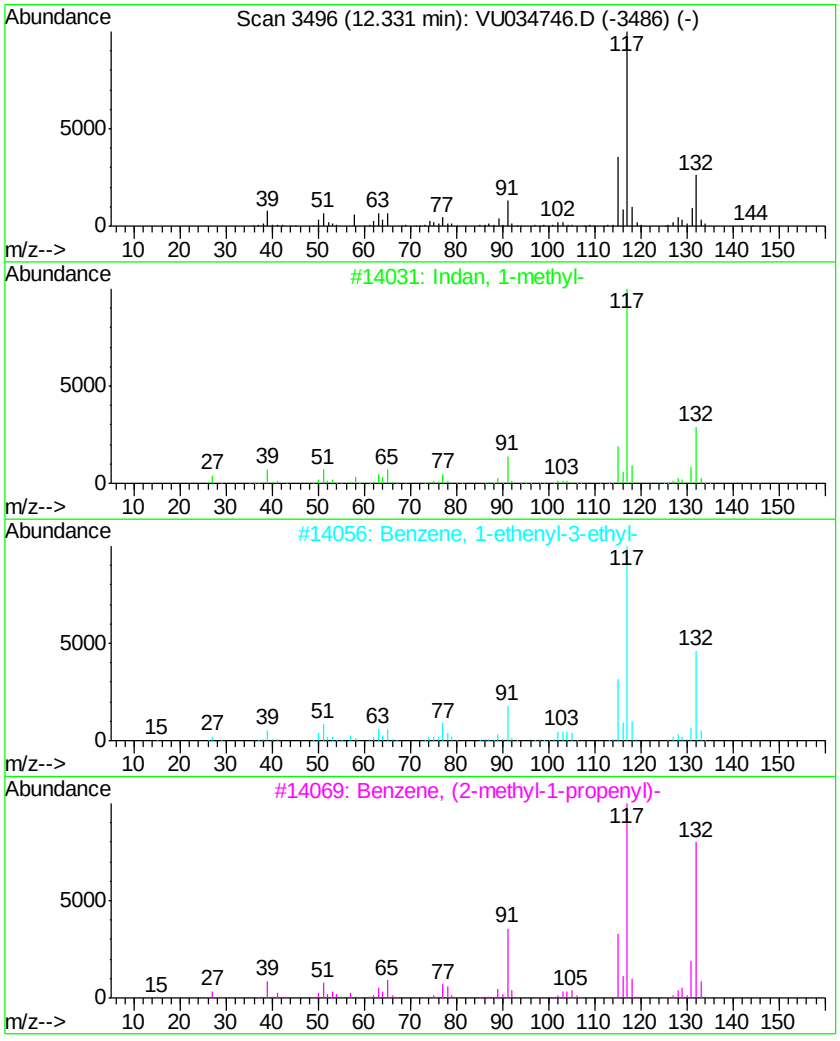
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

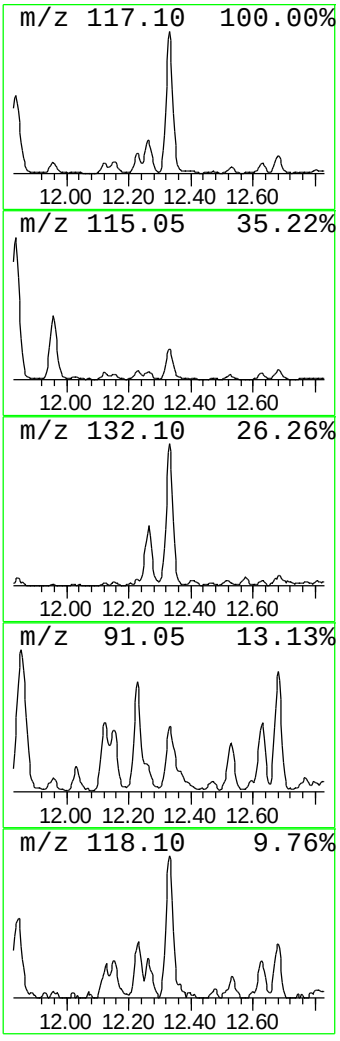
****

Peak Number 23 Indan, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	11.43 ug/L	362716	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	94
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	86





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Acq On : 23 Sep 2019 20:32
Operator : JC/SP
Sample : K4932-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG4

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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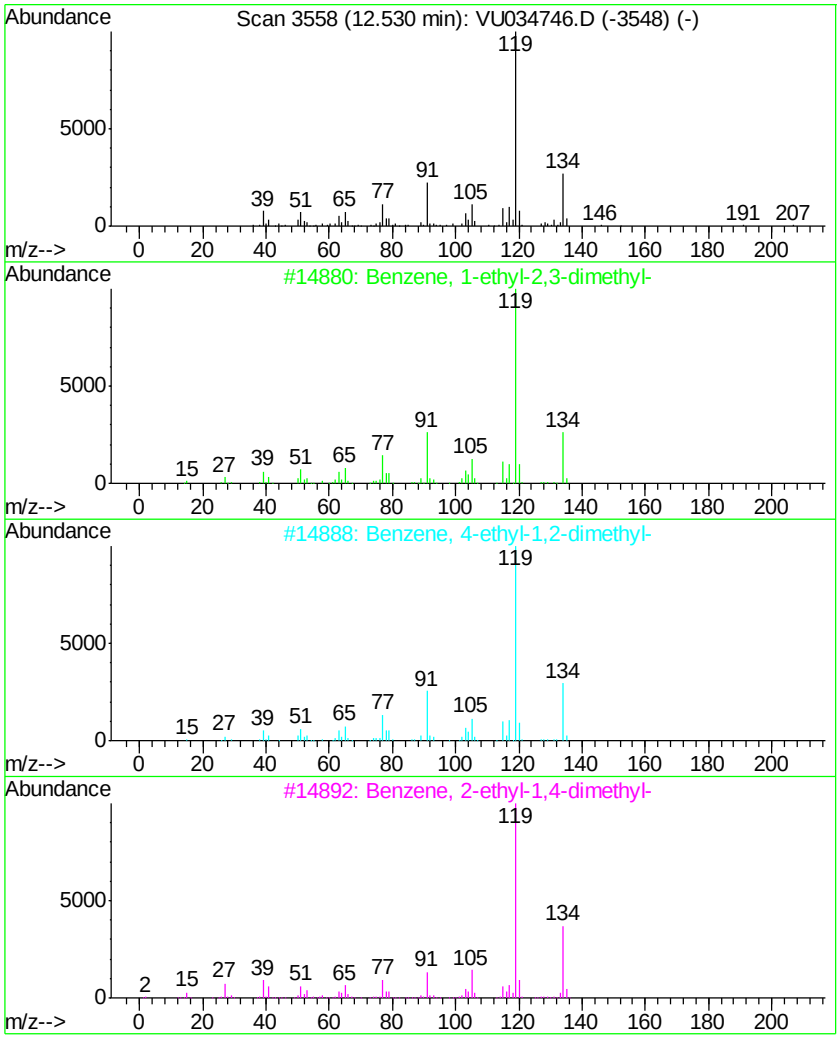
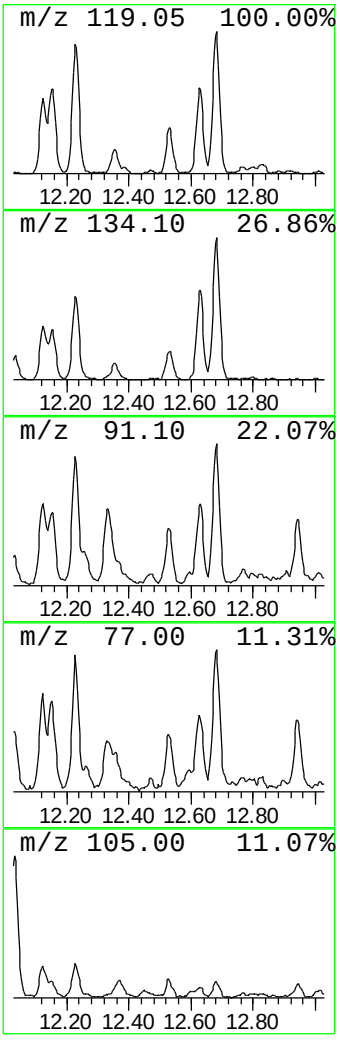
Peak Number 24 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	4.74 ug/L	150269	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, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	92
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90





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Acq On : 23 Sep 2019 20:32
Operator : JC/SP
Sample : K4932-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG4

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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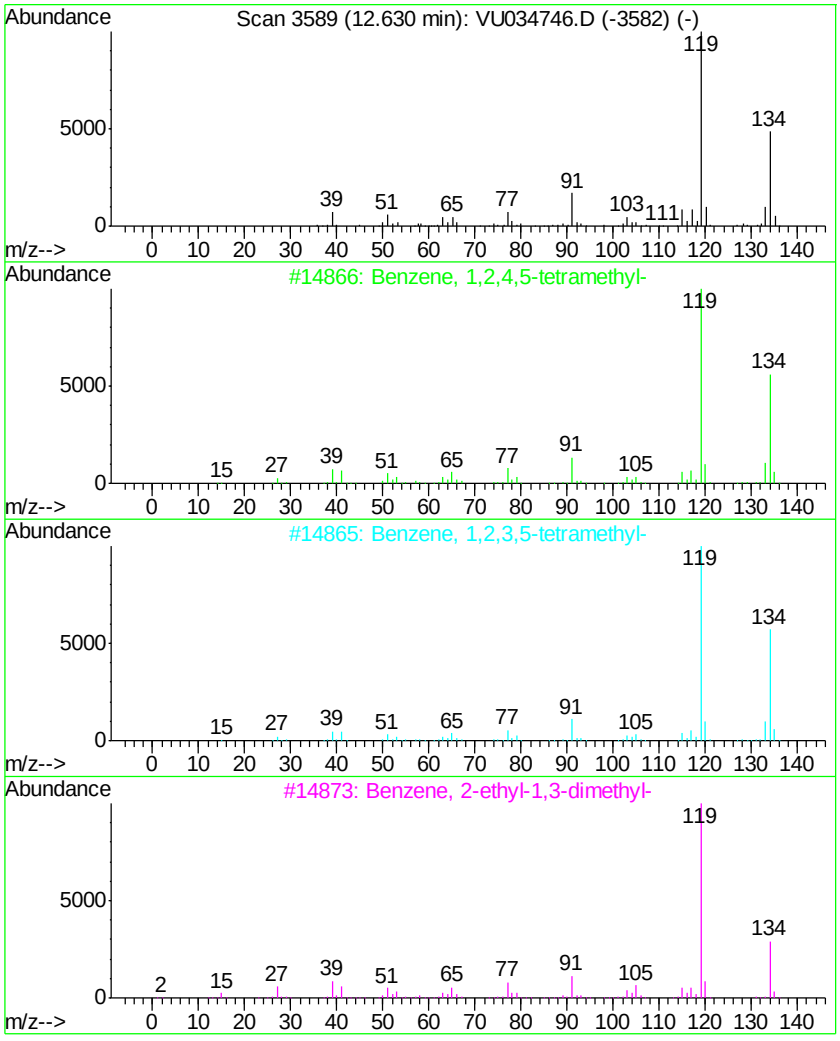
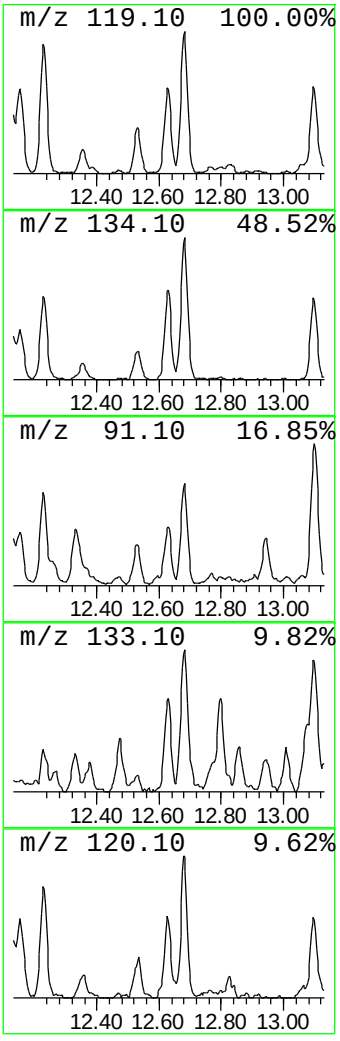
Peak Number 26 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	7.78 ug/L	246727	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	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94





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Acq On : 23 Sep 2019 20:32
Operator : JC/SP
Sample : K4932-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG4

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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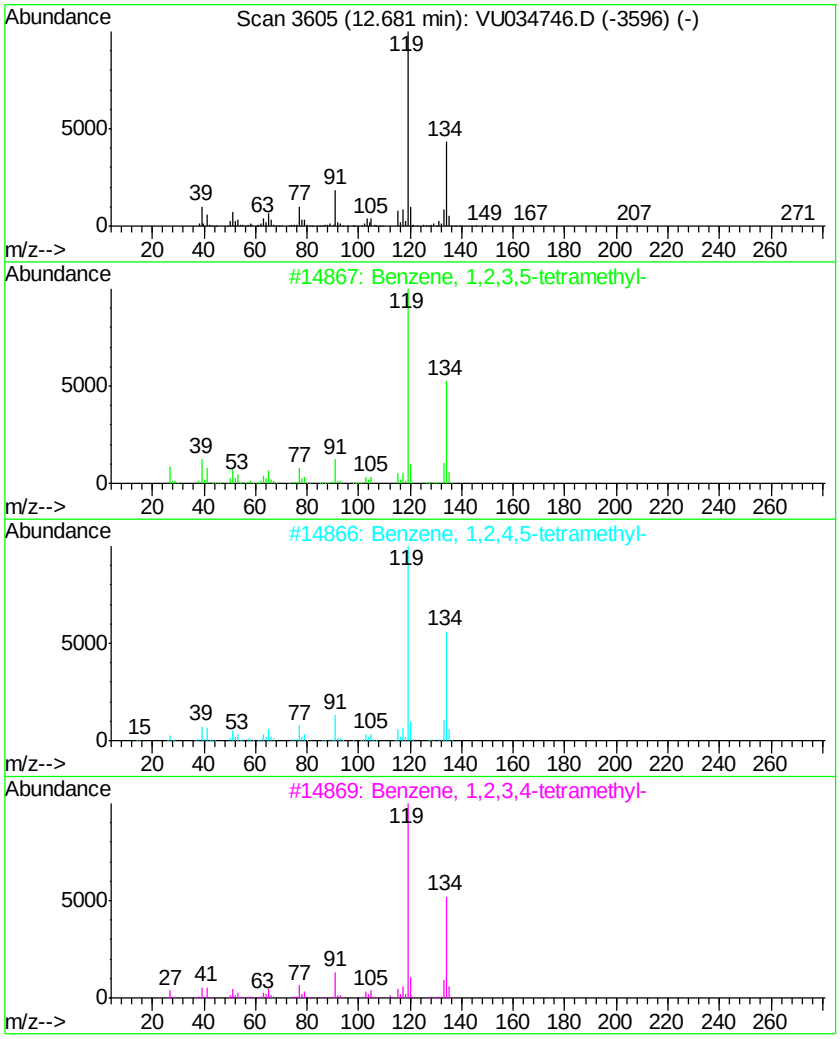
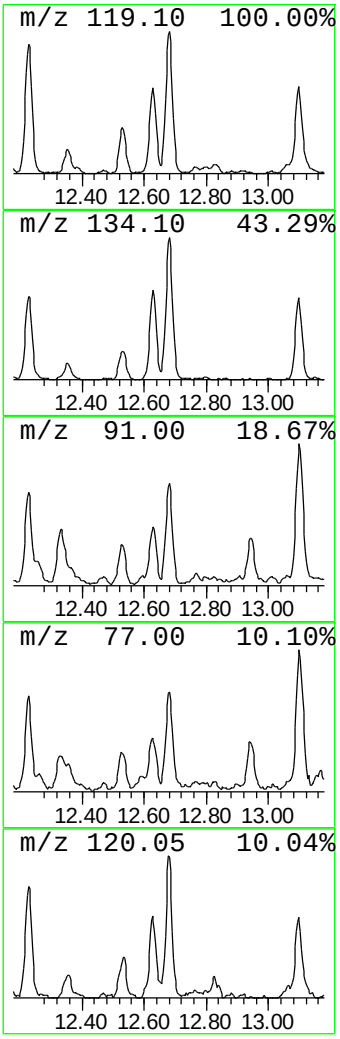
Peak Number 27 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	12.82 ug/L	406717	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
5	o-Cymene	134	C10H14	000527-84-4	95





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Operator : JC/SP
Sample : K4932-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG4

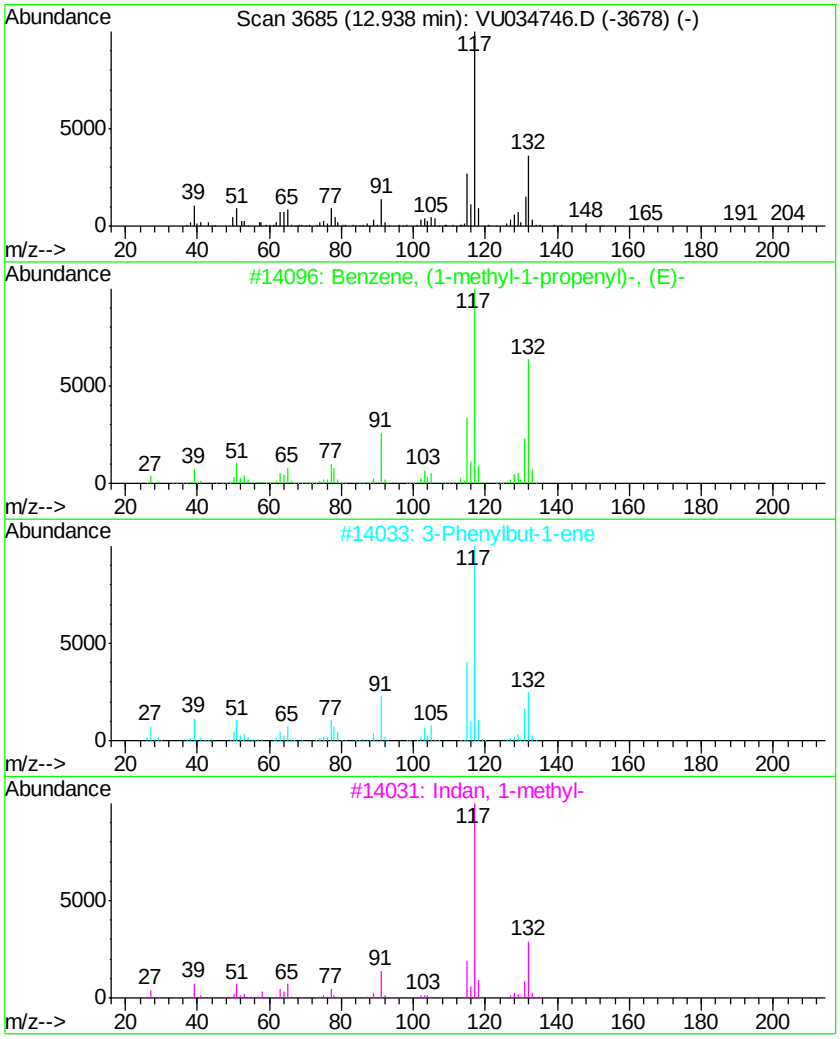
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

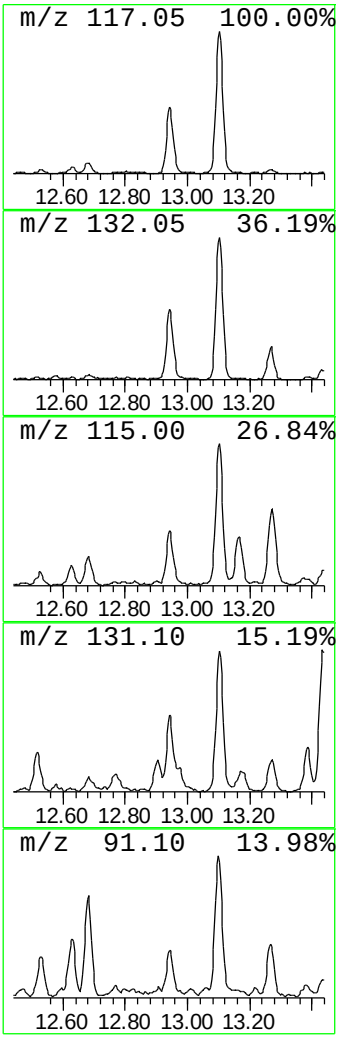
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benzene, (1-methyl-1-propen... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	8.23 ug/L	261128	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	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
3	Indan, 1-methyl-	132	C10H12	000767-58-8	90
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87





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Operator : JC/SP
Sample : K4932-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG4

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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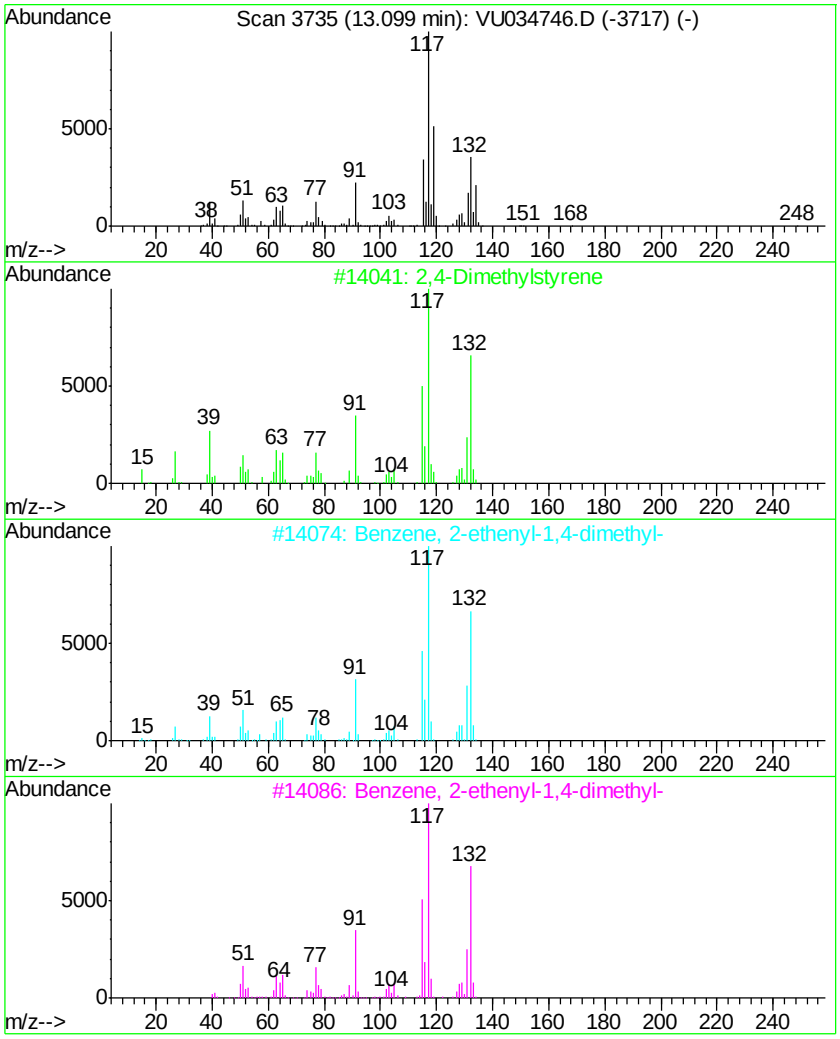
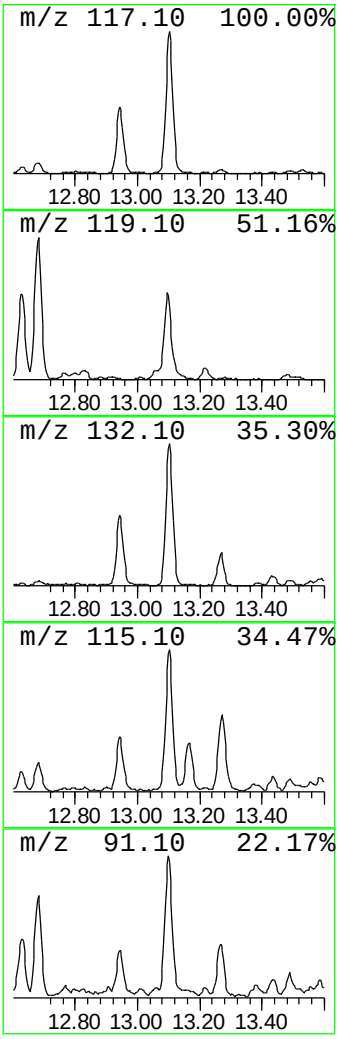
Peak Number 29 2,4-Dimethylstyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	24.14 ug/L	765857	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	95
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	86
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	70





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Operator : JC/SP
Sample : K4932-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG4

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

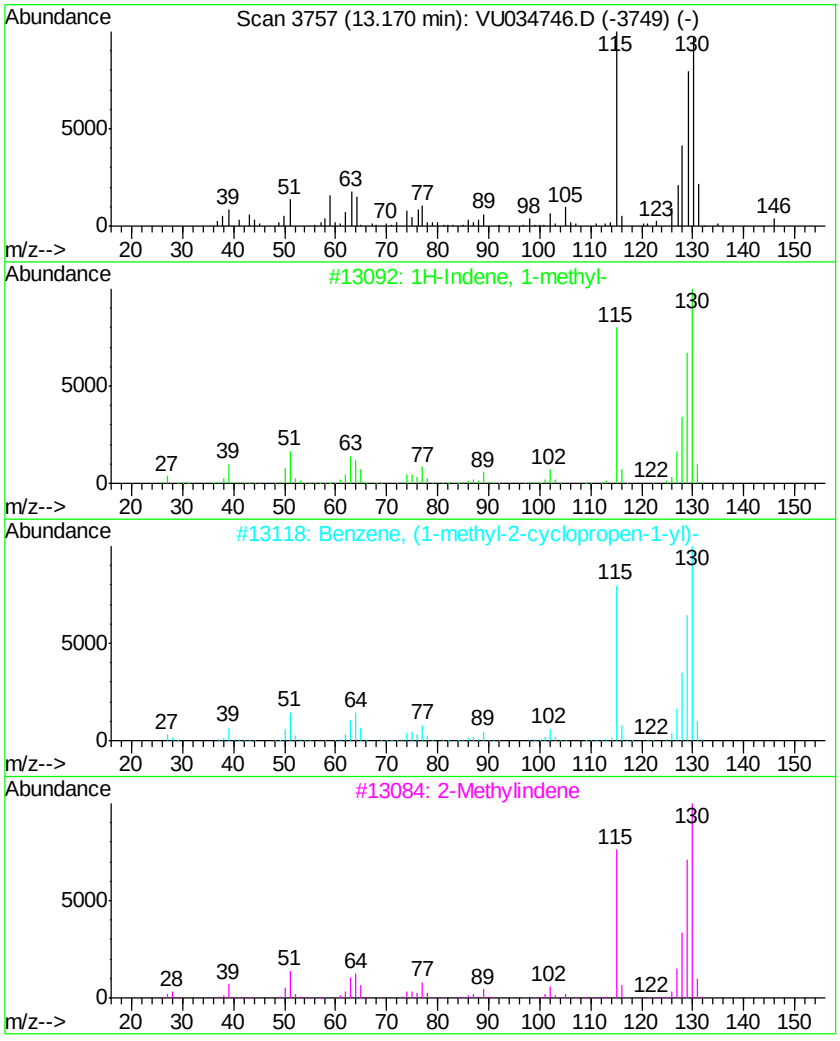
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

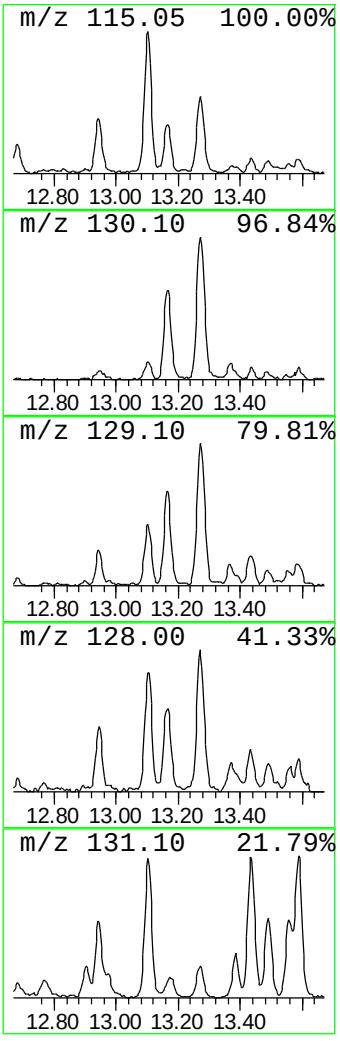
****

Peak Number 30 1H-Indene, 1-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	3.82 ug/L	121262	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	81
3	2-Methylindene	130	C10H10	002177-47-1	81
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	76
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	74





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Operator : JC/SP
Sample : K4932-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG4

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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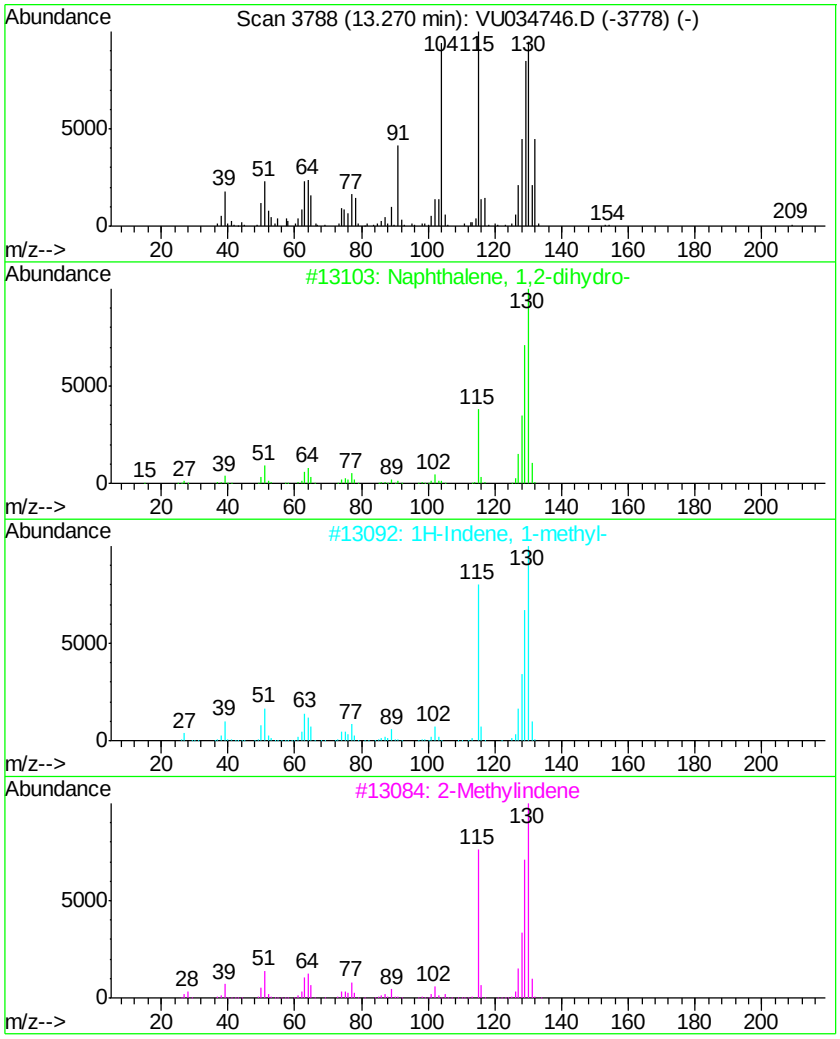
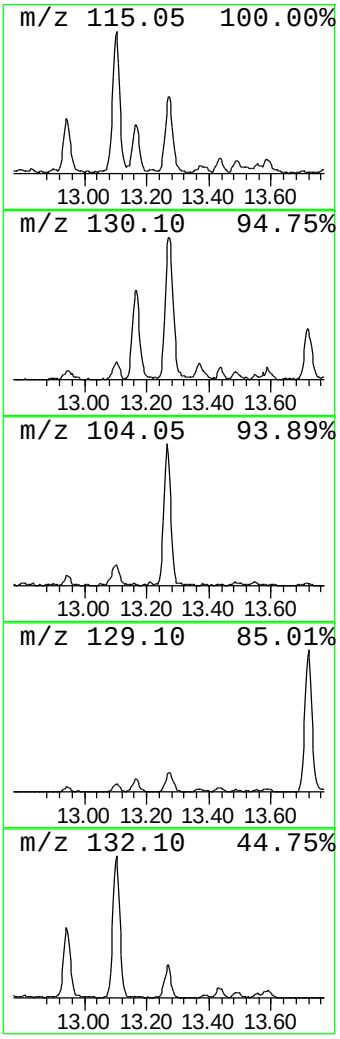
Peak Number 31 Naphthalene, 1,2-dihydro- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	8.67 ug/L	274949	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	91
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	91
3	2-Methylindene	130	C10H10	002177-47-1	90
4	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	90
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	90





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Sample : K4932-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG4

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Quant Title : VOC Analysis

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

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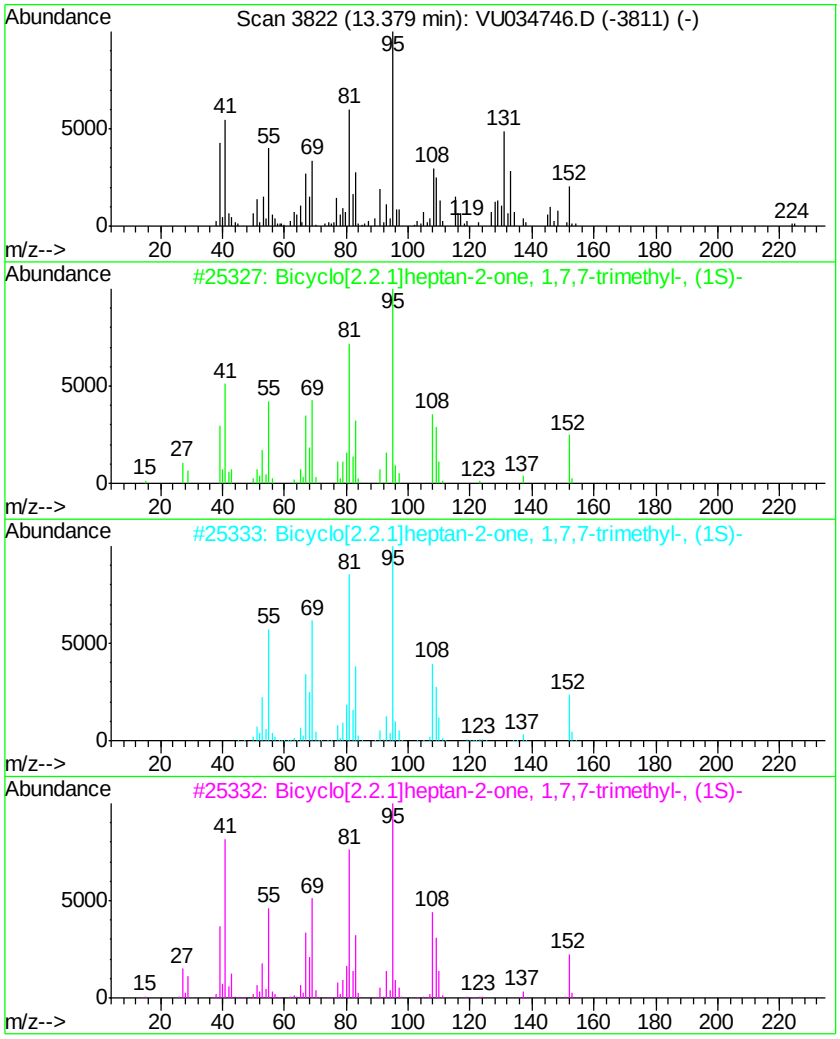
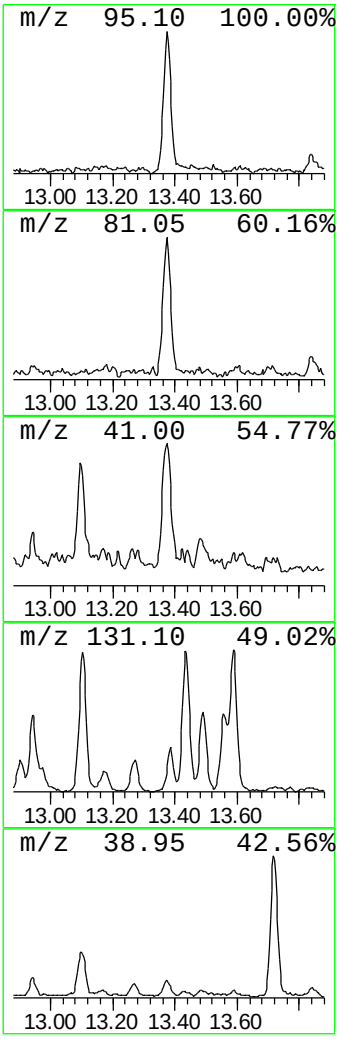
Peak Number 32 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	4.55 ug/L	144365	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	91
2	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	83
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	64
4	Camphor	152	C10H16O	000076-22-2	53
5	(+)-2-Bornanone	152	C10H16O	000464-49-3	53





Library Search Compound Report

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Operator : JC/SP
Sample : K4932-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG4

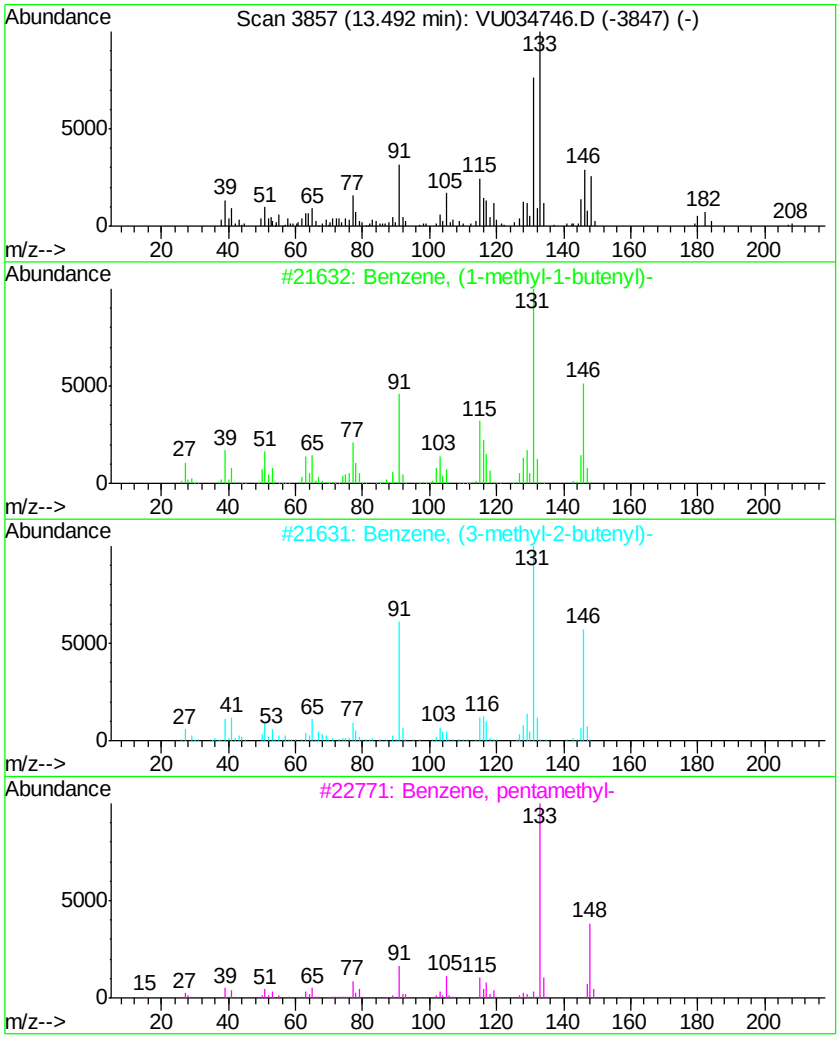
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

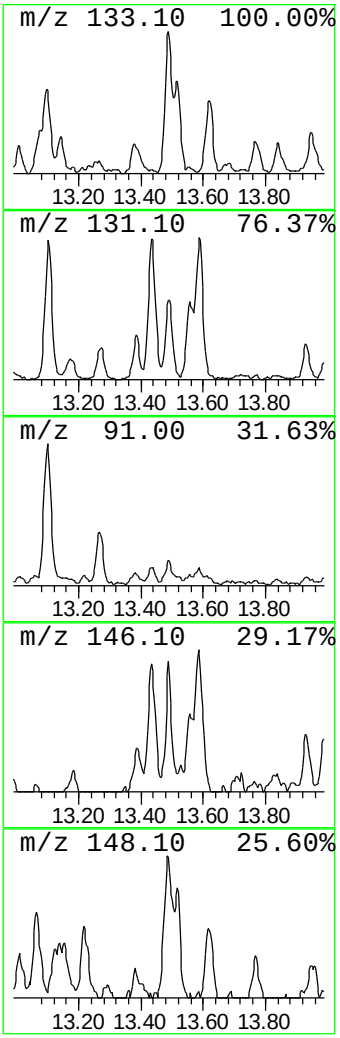
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Benzene, (1-methyl-1-butenyl)- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	3.64 ug/L	115409	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	95
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	83
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	55
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	55
5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	55





Library Search Compound Report

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Sample : K4932-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG4

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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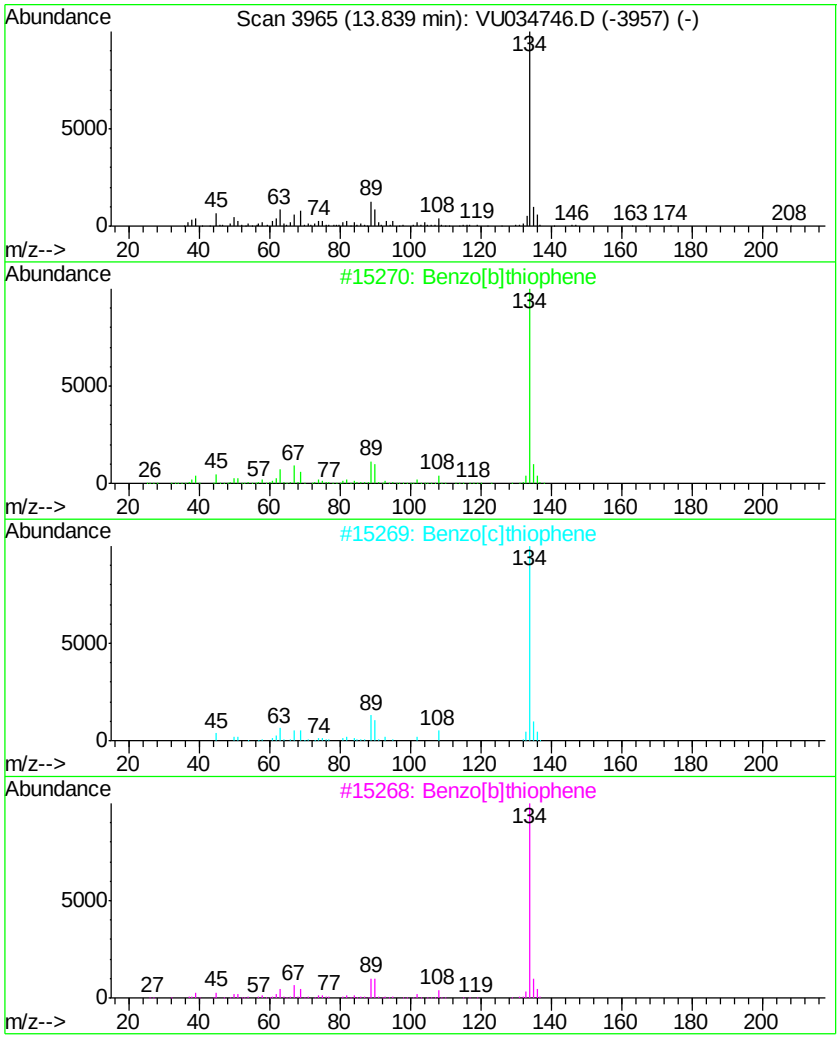
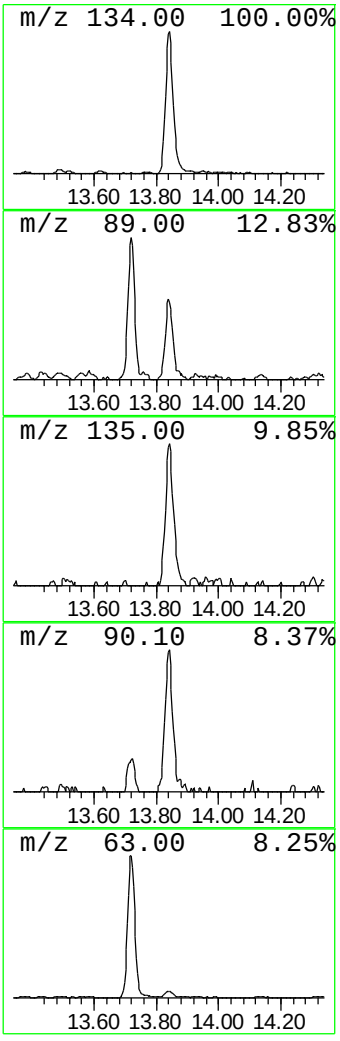
Peak Number 35 Benzo[b]thiophene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	7.20 ug/L	228248	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
2	Benzo[c]thiophene	134	C8H6S	000270-82-6	94
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Data File : VU034746.D
Acq On : 23 Sep 2019 20:32
Operator : JC/SP
Sample : K4932-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG4

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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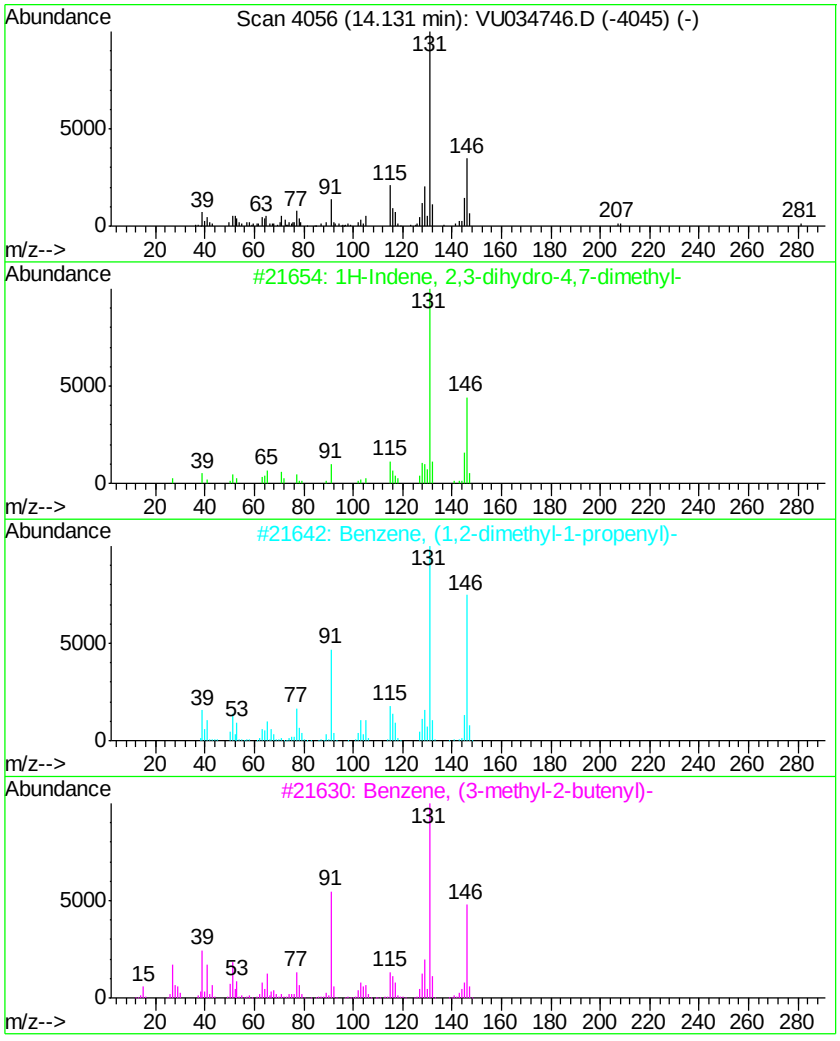
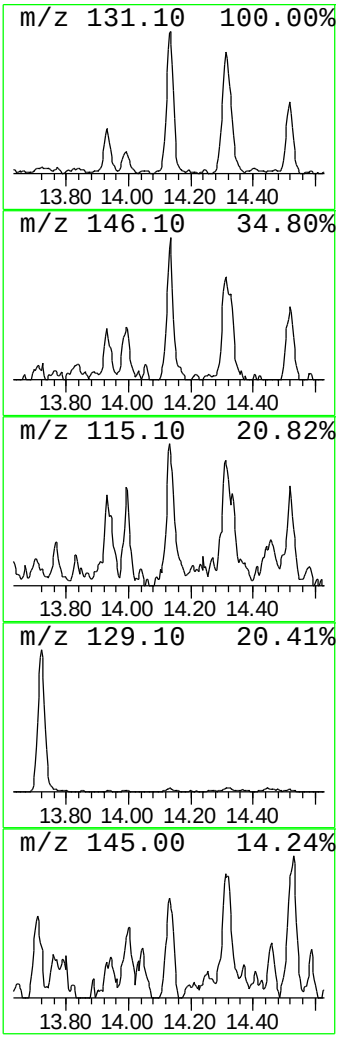
Peak Number 36 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	3.03 ug/L	96237	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	94
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Data File : VU034746.D
Acq On : 23 Sep 2019 20:32
Operator : JC/SP
Sample : K4932-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG4

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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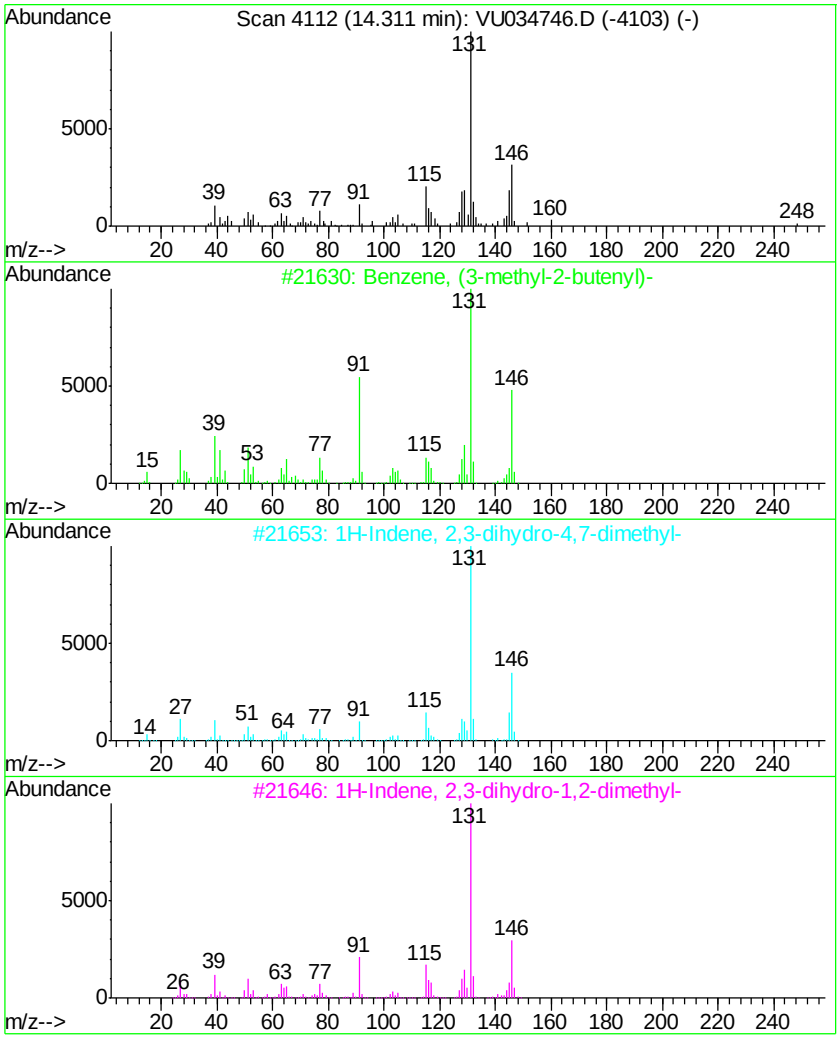
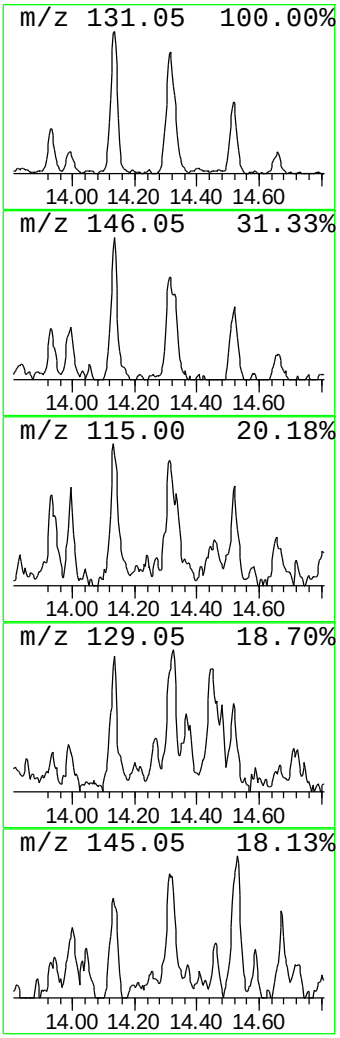
Peak Number 37 1H-Indene, 2,3-dihydro-5,6-... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	3.27 ug/L	103703	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	87
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	86
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Data File : VU034746.D
Acq On : 23 Sep 2019 20:32
Operator : JC/SP
Sample : K4932-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG4

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
Isopropyl acetate	5.53	6.8	ug/L	187343	1	5.86	1375030	50.0
n-Propyl acetate	6.68	114.8	ug/L	3156670	1	5.86	1375030	50.0
Propanoic acid, 1...	7.40	14.5	ug/L	399608	1	5.86	1375030	50.0
Propanoic acid, 2...	8.13	15.6	ug/L	533089	2	9.07	1707810	50.0
Propanoic acid, p...	8.40	16.0	ug/L	545070	2	9.07	1707810	50.0
Butanoic acid, 1-...	8.88	24.1	ug/L	822952	2	9.07	1707810	50.0
Benzene, propyl-	10.57	7.5	ug/L	237883	3	11.46	1586050	50.0
Benzene, 1-ethyl-...	10.66	48.6	ug/L	1540790	3	11.46	1586050	50.0
4-Heptanone, 2,6-...	10.90	3.1	ug/L	99984	3	11.46	1586050	50.0
Benzene, 1,2,4-tr...	11.13	81.1	ug/L	2571200	3	11.46	1586050	50.0
Benzene, 1,2,3-tr...	11.55	40.4	ug/L	1281000	3	11.46	1586050	50.0
Indane	11.74	25.1	ug/L	797610	3	11.46	1586050	50.0
Benzene, 1-methyl...	11.78	5.4	ug/L	171050	3	11.46	1586050	50.0
Indene	11.96	8.5	ug/L	269849	3	11.46	1586050	50.0
Benzene, 1-methyl...	12.03	3.5	ug/L	112515	3	11.46	1586050	50.0
o-Cymene	12.13	6.8	ug/L	214603	3	11.46	1586050	50.0
Benzene, 2-ethyl-...	12.15	5.4	ug/L	170705	3	11.46	1586050	50.0
Indan, 1-methyl-	12.33	11.4	ug/L	362716	3	11.46	1586050	50.0
Benzene, 1-ethyl-...	12.53	4.7	ug/L	150269	3	11.46	1586050	50.0
Benzene, 1,2,4,5-...	12.63	7.8	ug/L	246727	3	11.46	1586050	50.0
Benzene, 1,2,3,5-...	12.68	12.8	ug/L	406717	3	11.46	1586050	50.0
Benzene, (1-methy...	12.94	8.2	ug/L	261128	3	11.46	1586050	50.0
2,4-Dimethylstyrene	13.10	24.1	ug/L	765857	3	11.46	1586050	50.0
1H-Indene, 1-methyl-	13.17	3.8	ug/L	121262	3	11.46	1586050	50.0
Naphthalene, 1,2-...	13.27	8.7	ug/L	274949	3	11.46	1586050	50.0
Bicyclo[2.2.1]hep...	13.38	4.5	ug/L	144365	3	11.46	1586050	50.0
Benzene, (1-methy...	13.49	3.6	ug/L	115409	3	11.46	1586050	50.0
Benzo[b]thiophene	13.84	7.2	ug/L	228248	3	11.46	1586050	50.0
1H-Indene, 2,3-di...	14.13	3.0	ug/L	96237	3	11.46	1586050	50.0
1H-Indene, 2,3-di...	14.31	3.3	ug/L	103703	3	11.46	1586050	50.0