LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092319\
Data File : VU034761.D
Acq On : 24 Sep 2019 02:24
Operator : JC/SP
Sample : K4932-18
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDE9

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	334137	360238	10.29%	0.763%
2	1.466	109	117	129	rVV	149996	167620	4.79%	0.355%
3	1.540	132	140	152	rVB	36537	56732	1.62%	0.120%
4	1.672	173	181	193	rBV	268291	337254	9.63%	0.714%
5	2.174	331	337	348	rVB5	13419	21228	0.61%	0.045%
6	2.257	353	363	372	rVV	488145	761918	21.76%	1.613%
7	2.306	372	378	396	rVB	136706	219931	6.28%	0.466%
8	2.685	480	496	516	rBV	631056	1150483	32.85%	2.435%
9	3.167	634	646	655	rBV9	9301	21150	0.60%	0.045%
10	3.968	880	895	910	rBV8	11290	33847	0.97%	0.072%
11	4.068	910	926	940	rBV3	33972	87068	2.49%	0.184%
12	4.151	940	952	974	rBV	264560	747043	21.33%	1.581%
13	4.624	1081	1099	1120	rBV	397585	937629	26.77%	1.985%
14	4.752	1130	1139	1156	rVB5	18652	45085	1.29%	0.095%
15	4.971	1191	1207	1221	rBV3	65515	155951	4.45%	0.330%
16	5.315	1292	1314	1326	rBV2	817168	2444016	69.79%	5.173%
17	5.527	1364	1380	1394	rVV	88139	208191	5.95%	0.441%
18	5.765	1448	1454	1470	rVB5	10121	22170	0.63%	0.047%
19	5.862	1470	1484	1500	rBV	649706	1289320	36.82%	2.729%
20	6.196	1570	1588	1603	rVB	20751	77995	2.23%	0.165%
21	6.309	1608	1623	1638	rVV	567124	1159508	33.11%	2.454%
22	6.395	1639	1650	1673	rVB4	87558	215328	6.15%	0.456%
23	6.518	1680	1688	1694	rBV3	13956	23139	0.66%	0.049%
24	6.682	1727	1739	1767	rBV	1948005	3501892	100.00%	7.413%
25	7.048	1841	1853	1861	rVV4	24271	44780	1.28%	0.095%
26	7.206	1890	1902	1932	rVB	316257	599041	17.11%	1.268%
27	7.402	1951	1963	1973	rBV2	247606	448875	12.82%	0.950%
28	7.543	1989	2007	2020	rBV	1147294	2021931	57.74%	4.280%
29	7.614	2020	2029	2045	rVB	387803	685899	19.59%	1.452%
30	7.826	2084	2095	2111	rBV2	281605	503520	14.38%	1.066%
31	8.074	2164	2172	2179	rBV5	11783	19375	0.55%	0.041%
32	8.135	2179	2191	2207	rBV	333097	556126	15.88%	1.177%
33	8.212	2207	2215	2218	rBV3	25520	34969	1.00%	0.074%
34	8.241	2219	2224	2229	rVB3	26409	30391	0.87%	0.064%

LSC Area Percent Report

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Sample : K4932-18
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDE9

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	991783	1697948	48.49%	3.594%
36	8.395	2262	2272	2282	rBV	616513	953321	27.22%	2.018%
37	8.511	2300	2308	2329	rVB4	35855	80180	2.29%	0.170%
38	8.884	2411	2424	2449	rBV	666822	1081468	30.88%	2.289%
39	9.067	2461	2481	2491	rBV	983019	1677027	47.89%	3.550%
40	9.228	2519	2531	2554	rVB	542694	861532	24.60%	1.824%
41	9.350	2554	2569	2585	rBV	844750	1427175	40.75%	3.021%
42	9.476	2599	2608	2617	rBV2	83474	132207	3.78%	0.280%
43	9.591	2635	2644	2653	rBV6	22180	44679	1.28%	0.095%
44	9.672	2659	2669	2680	rBV7	25694	59724	1.71%	0.126%
45	9.755	2684	2695	2728	rVB	934423	1564343	44.67%	3.311%
46	9.929	2734	2749	2760	rBV5	27544	58163	1.66%	0.123%
47	10.016	2762	2776	2787	rVV7	30455	67356	1.92%	0.143%
48	10.077	2788	2795	2805	rVV5	23402	42388	1.21%	0.090%
49	10.144	2806	2816	2828	rVB	92324	147642	4.22%	0.313%
50	10.299	2855	2864	2875	rBV7	30868	55231	1.58%	0.117%
51	10.408	2886	2898	2917	rBV	775693	1267267	36.19%	2.683%
52	10.566	2933	2947	2958	rBV	135169	249419	7.12%	0.528%
53	10.620	2958	2964	2967	rBV2	32192	38566	1.10%	0.082%
54	10.659	2967	2976	2981	rBV	335815	519657	14.84%	1.100%
55	10.749	2994	3004	3028	rVB	350084	569794	16.27%	1.206%
56	10.897	3040	3050	3056	rBV2	80260	126918	3.62%	0.269%
57	10.948	3056	3066	3085	rVV	396143	677926	19.36%	1.435%
58	11.054	3089	3099	3110	rBV7	31470	61132	1.75%	0.129%
59	11.125	3110	3121	3138	rVV	1576781	2410715	68.84%	5.103%
60	11.299	3161	3175	3186	rBV5	60089	101316	2.89%	0.214%
61	11.405	3200	3208	3214	rBV2	60227	87863	2.51%	0.186%
62	11.460	3214	3225	3242	rVV	1010344	1643372	46.93%	3.479%
63	11.546	3242	3252	3271	rVB	480372	759281	21.68%	1.607%
64	11.662	3283	3288	3301	rVB5	14289	23699	0.68%	0.050%
65	11.742	3302	3313	3322	rBV	382393	669970	19.13%	1.418%
66	11.836	3332	3342	3367	rVB3	1250023	2453186	70.05%	5.193%
67	11.958	3371	3380	3394	rBV2	78247	132563	3.79%	0.281%
68	12.032	3396	3403	3416	rVB	61688	97939	2.80%	0.207%
69	12.122	3420	3431	3437	rBV2	176582	298516	8.52%	0.632%
70	12.228	3455	3464	3471	rBV	198455	298755	8.53%	0.632%
71	12.331	3486	3496	3517	rVB2	237553	444067	12.68%	0.940%

LSC Area Percent Report

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Operator : JC/SP
Sample : K4932-18
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDE9

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	12.469	3532	3539	3545	rBV8	17761	28296	0.81%	0.060%
73	12.527	3548	3557	3567	rVV3	71972	128748	3.68%	0.273%
74	12.595	3568	3578	3582	rVV2	108609	176223	5.03%	0.373%
75	12.627	3583	3588	3596	rVV2	162235	241967	6.91%	0.512%
76	12.681	3596	3605	3619	rVB	253538	400661	11.44%	0.848%
77	12.768	3624	3632	3637	rBV6	19682	32191	0.92%	0.068%
78	12.900	3666	3673	3677	rBV4	13691	20968	0.60%	0.044%
79	12.942	3678	3686	3701	rVB	187505	299718	8.56%	0.634%
80	13.099	3717	3735	3747	rBV3	439439	748431	21.37%	1.584%
81	13.164	3748	3755	3766	rVV4	63210	115179	3.29%	0.244%
82	13.267	3778	3787	3800	rVV3	130081	225003	6.43%	0.476%
83	13.376	3811	3821	3831	rBV5	158699	272912	7.79%	0.578%
84	13.434	3831	3839	3848	rVB2	75978	115372	3.29%	0.244%
85	13.488	3848	3856	3863	rBV3	82727	132960	3.80%	0.281%
86	13.556	3872	3877	3881	rBV3	26136	35902	1.03%	0.076%
87	13.588	3881	3887	3909	rVB4	93480	195005	5.57%	0.413%
88	13.720	3917	3928	3950	rBV	432564	745237	21.28%	1.578%
89	13.842	3956	3966	3982	rBV	67696	126189	3.60%	0.267%
90	13.929	3986	3993	4004	rVV8	31611	68901	1.97%	0.146%
91	13.993	4007	4013	4024	rVB3	28239	45535	1.30%	0.096%
92	14.131	4046	4056	4071	rBV	64048	117797	3.36%	0.249%
93	14.312	4104	4112	4126	rBV4	54836	125745	3.59%	0.266%
94	14.456	4148	4157	4166	rVV5	23905	49277	1.41%	0.104%
95	14.517	4168	4176	4191	rVB5	62012	112979	3.23%	0.239%
96	14.659	4213	4220	4234	rVB10	23870	44701	1.28%	0.095%
97	14.800	4257	4264	4272	rBV2	26476	42903	1.23%	0.091%
98	14.858	4272	4282	4296	rVV	121000	214993	6.14%	0.455%
99	15.041	4328	4339	4356	rBV	274758	480414	13.72%	1.017%
100	16.048	4640	4652	4661	rBV	12454	25400	0.73%	0.054%

Sum of corrected areas: 47241555

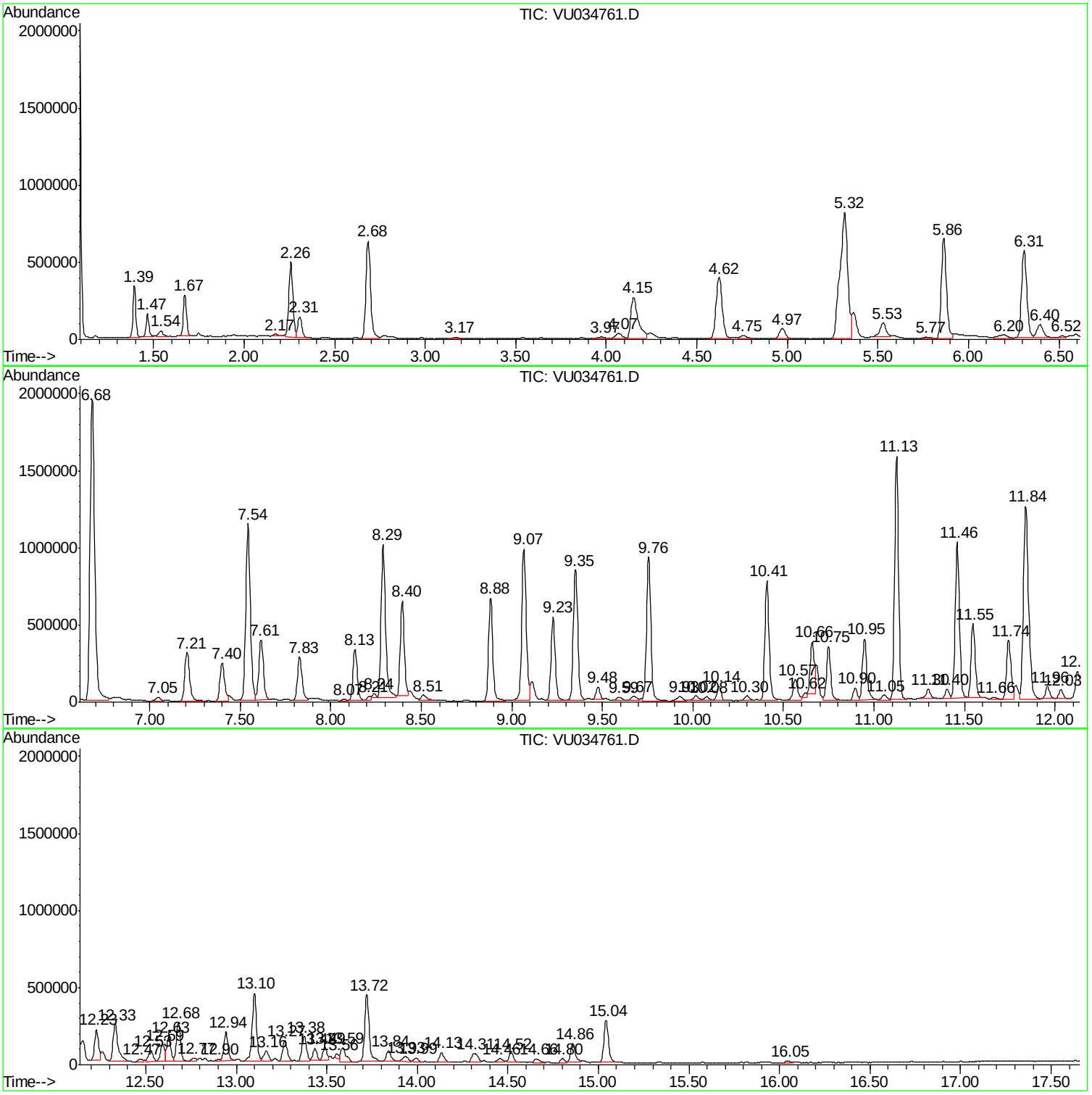
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092319\
Data File : VU034761.D
Acq On : 24 Sep 2019 02:24
Operator : JC/SP
Sample : K4932-18
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDE9

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\VU092319\
Data File : VU034761.D
Acq On : 24 Sep 2019 02:24
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDE9

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

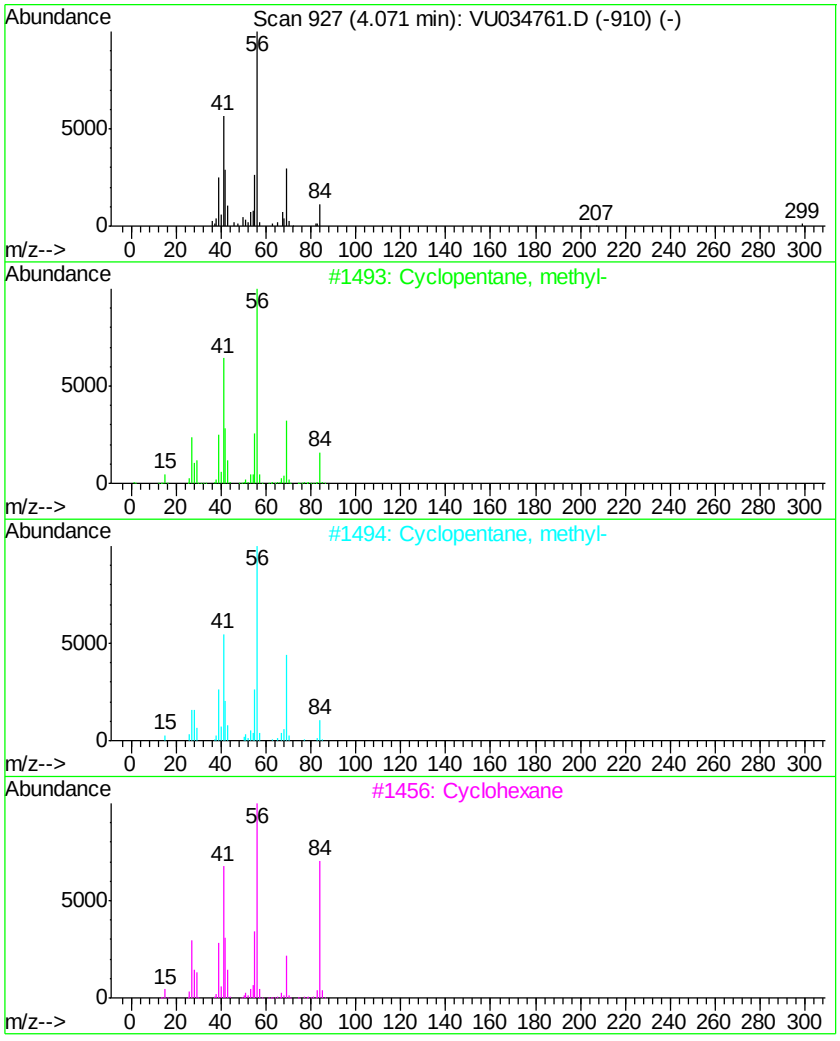
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

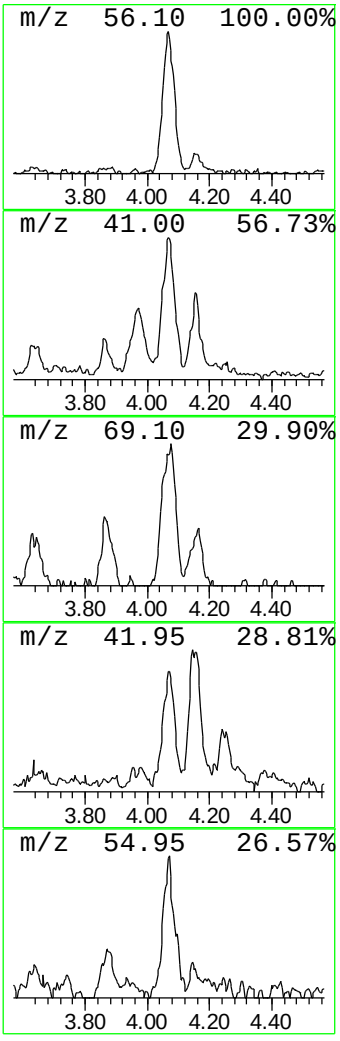
****

Peak Number 2 (DEL) Alkane: Cyclic4.07 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.07	3.38 ug/L	87068	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	83
3	Cyclohexane	84	C6H12	000110-82-7	78
4	Cyclohexane	84	C6H12	000110-82-7	78
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092319\
Data File : VU034761.D
Acq On : 24 Sep 2019 02:24
Operator : JC/SP
Sample : K4932-18
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDE9

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

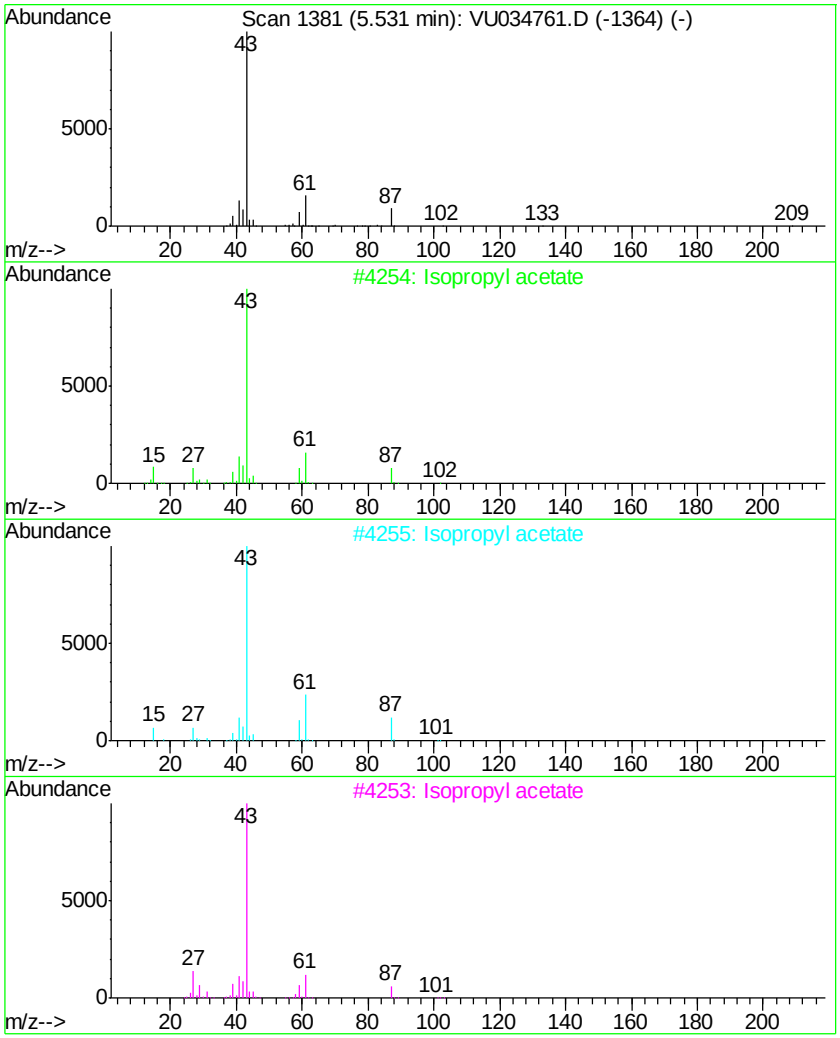
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

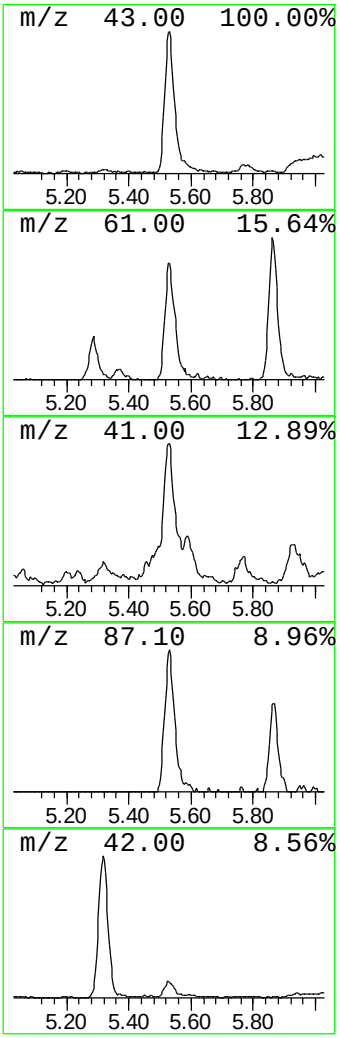
****

Peak Number 3 Isopropyl acetate Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.53	8.07 ug/L	208191	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl acetate	102	C5H10O2	000108-21-4	83
2	Isopropyl acetate	102	C5H10O2	000108-21-4	78
3	Isopropyl acetate	102	C5H10O2	000108-21-4	72
4	Isopropyl acetate	102	C5H10O2	000108-21-4	72
5	Acetaldehyde, O-ethyloxime-	87	C4H9NO	1000288-34-6	16





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
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ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDE9

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

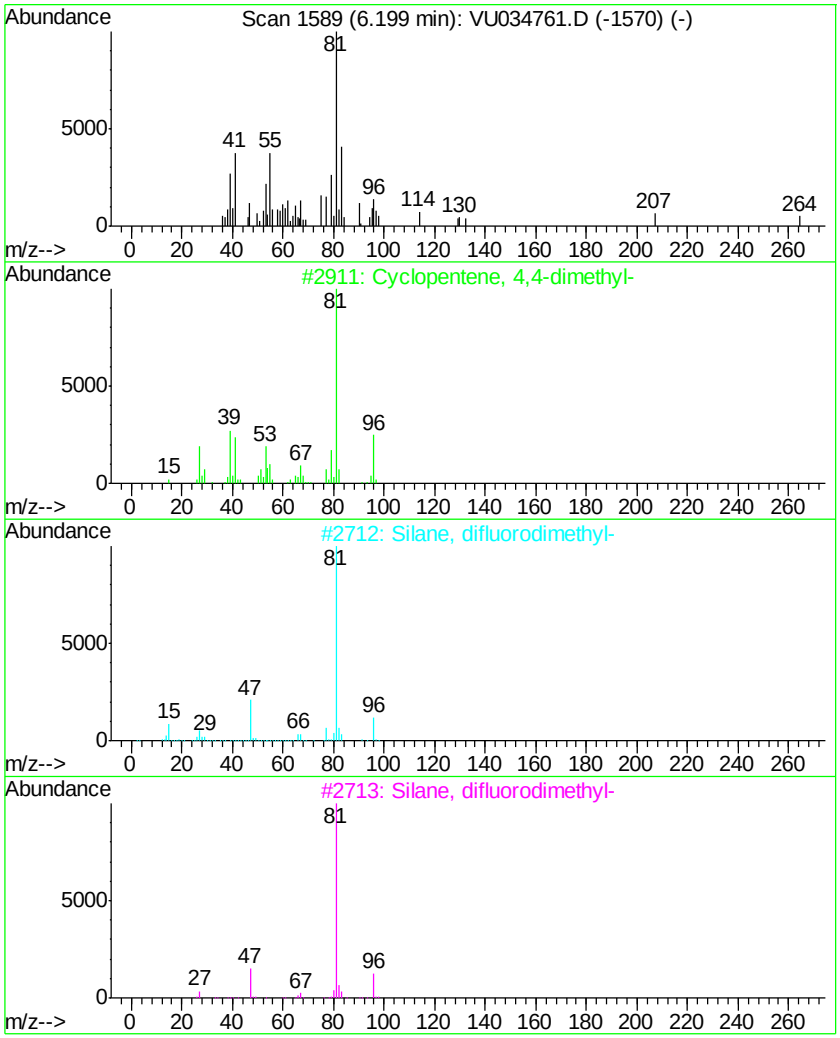
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

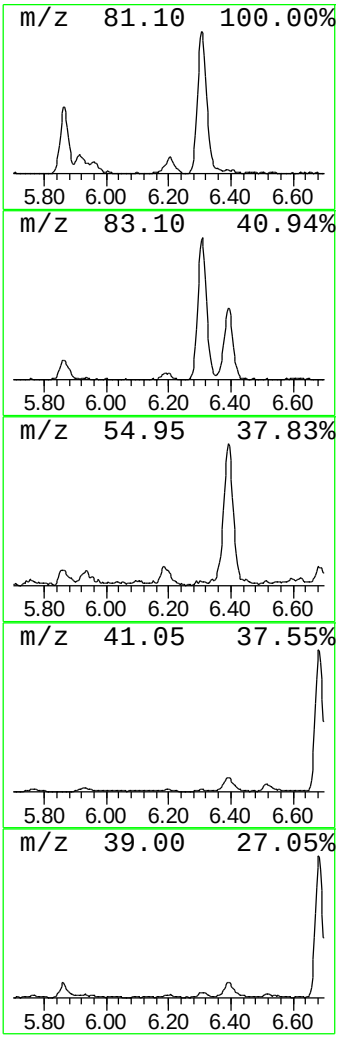
****

Peak Number 4 unknown-01 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	3.02 ug/L	77995	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	35
2	Silane, difluorodimethyl-	96	C2H6F2Si	000353-66-2	22
3	Silane, difluorodimethyl-	96	C2H6F2Si	000353-66-2	22
4	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	18
5	1H-Pyrrole, 1-methyl-	81	C5H7N	000096-54-8	18





Library Search Compound Report

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Sample : K4932-18
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDE9

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

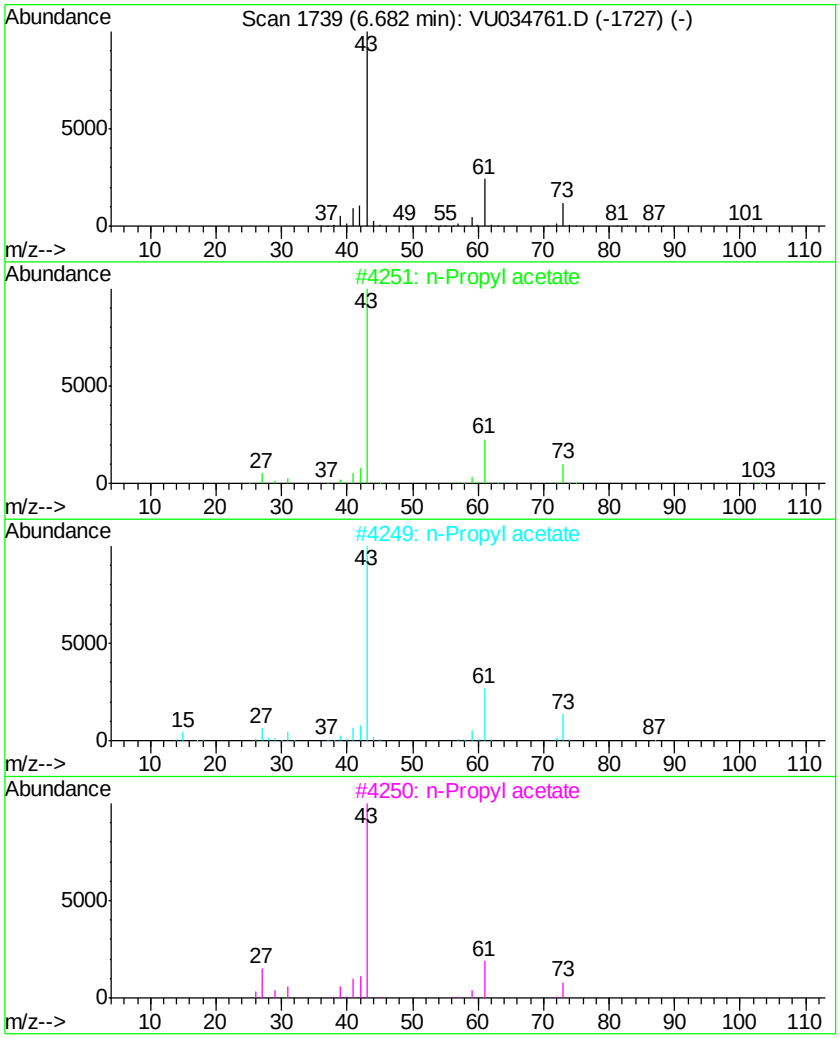
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

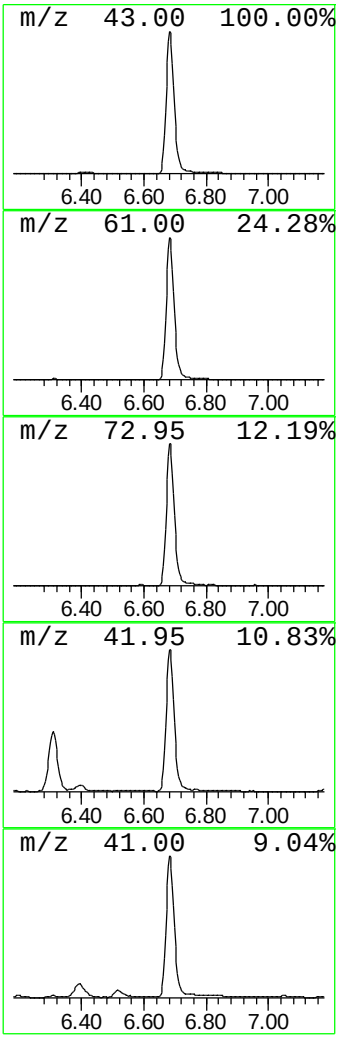
****

Peak Number 5 n-Propyl acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	135.80 ug/L	3501890	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	83
2	n-Propyl acetate	102	C5H10O2	000109-60-4	78
3	n-Propyl acetate	102	C5H10O2	000109-60-4	78
4	Isopropyl acetate	102	C5H10O2	000108-21-4	36
5	Isopropyl acetate	102	C5H10O2	000108-21-4	9





Library Search Compound Report

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ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDE9

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

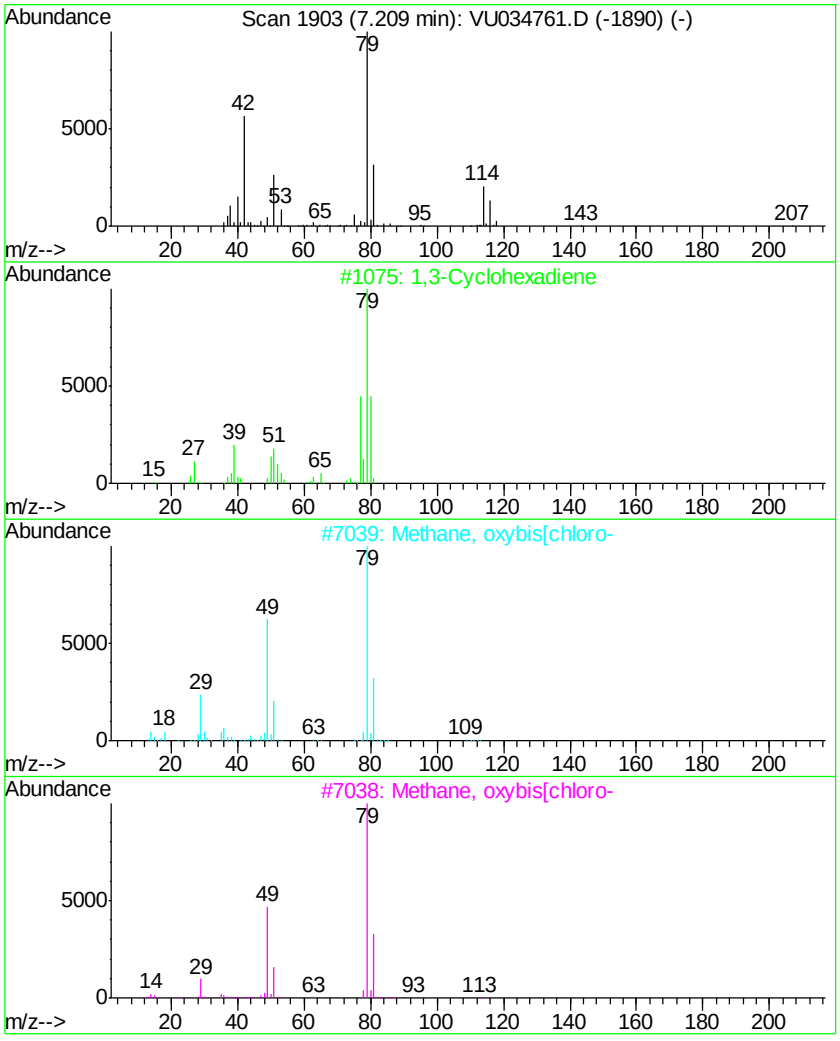
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

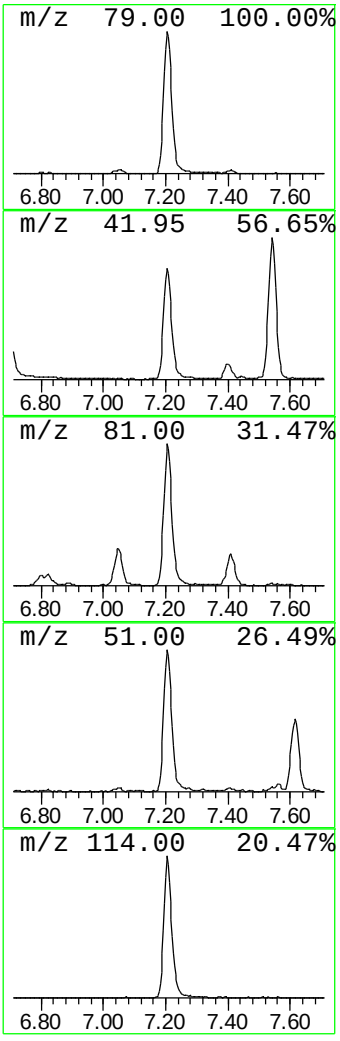
****

Peak Number 6 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	23.23 ug/L	599041	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclohexadiene	80	C6H8	000592-57-4	28
2	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	23
3	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	17
4	2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	17
5	Cyclopropane	42	C3H6	000075-19-4	9





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Data File : VU034761.D
Acq On : 24 Sep 2019 02:24
Operator : JC/SP
Sample : K4932-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDE9

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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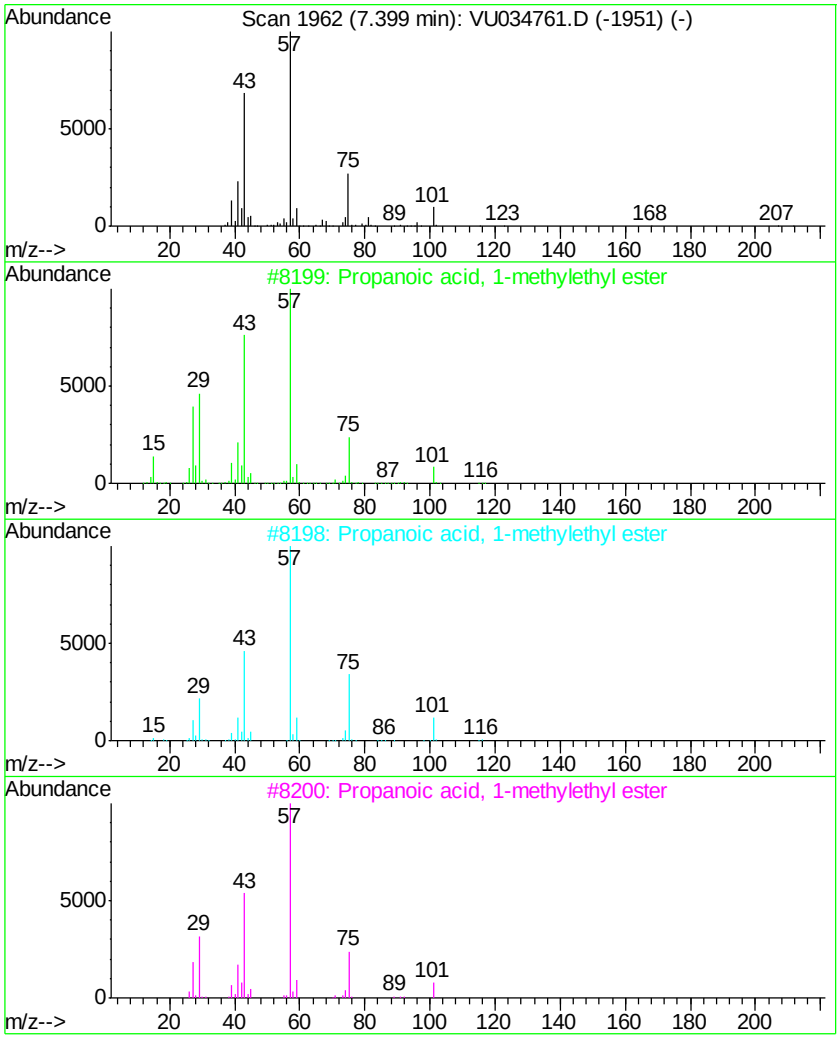
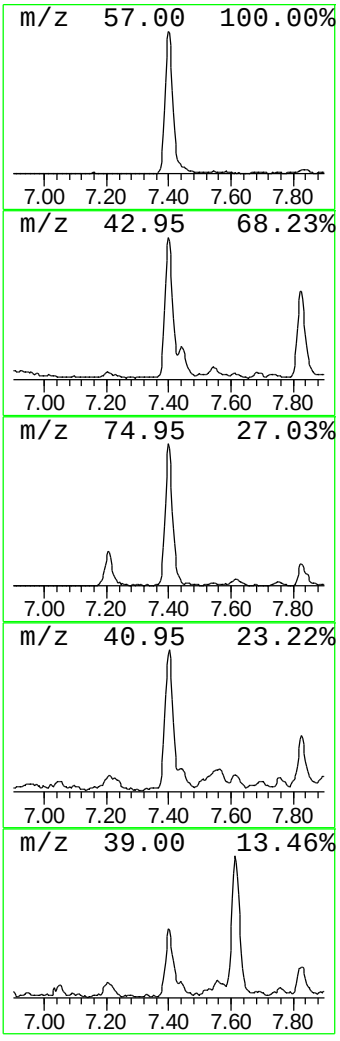
Peak Number 7 Propanoic acid, 1-methyleth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	17.41 ug/L	448875	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	72
2	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	72
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	72
4	Propionic acid, 4-hydroxy-3-hexy...	174	C9H18O3	1000151-16-9	40
5	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	37





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Data File : VU034761.D
Acq On : 24 Sep 2019 02:24
Operator : JC/SP
Sample : K4932-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDE9

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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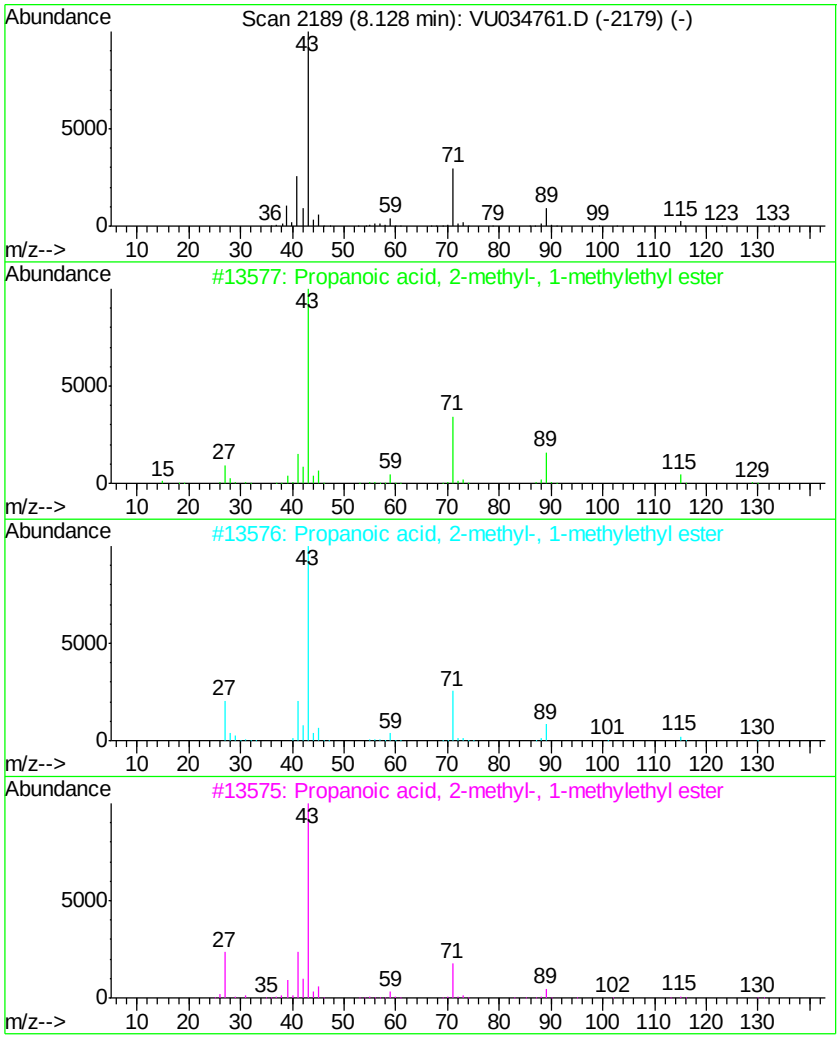
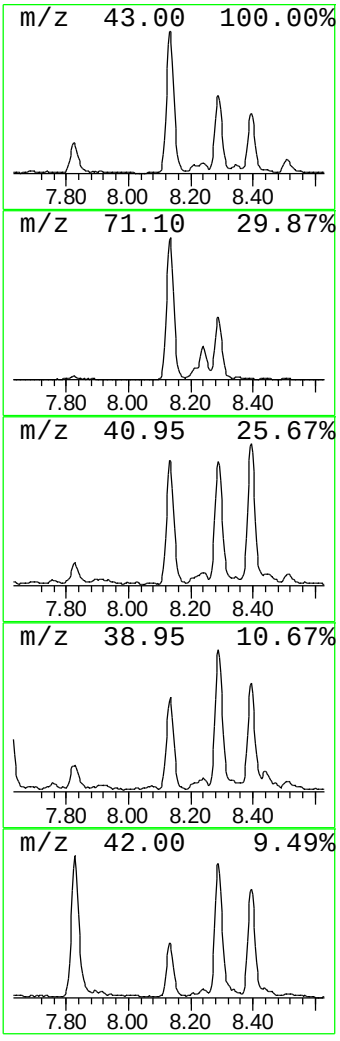
Peak Number 8 Propanoic acid, 2-methyl-, ... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	16.58 ug/L	556126	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	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	36
5	Sulfurous acid, pentyl 2-propyl ...	194	C8H18O3S	1000309-11-5	36





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Data File : VU034761.D
Acq On : 24 Sep 2019 02:24
Operator : JC/SP
Sample : K4932-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDE9

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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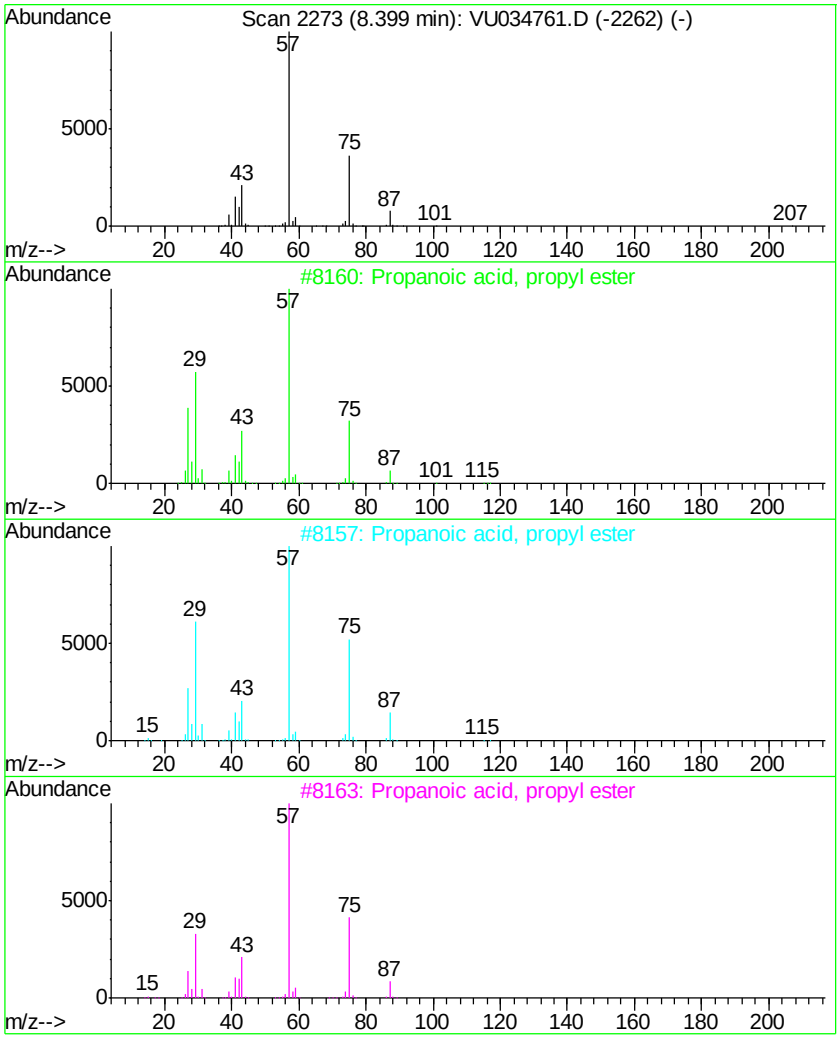
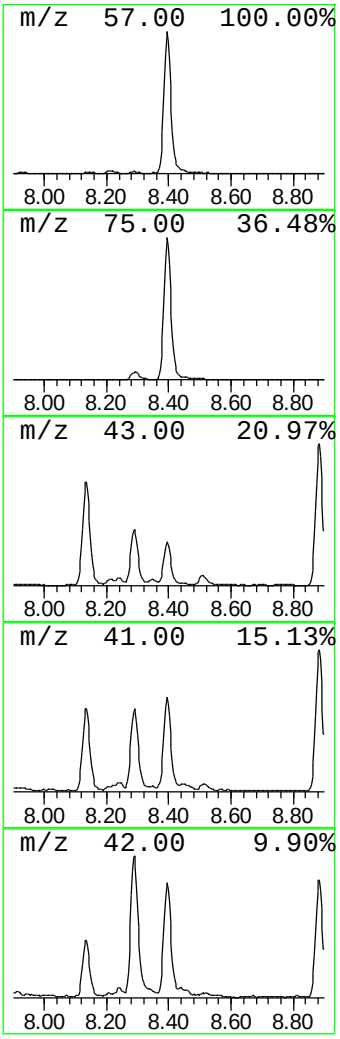
Peak Number 9 Propanoic acid, propyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	28.42 ug/L	953321	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	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	36





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Data File : VU034761.D
Acq On : 24 Sep 2019 02:24
Operator : JC/SP
Sample : K4932-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDE9

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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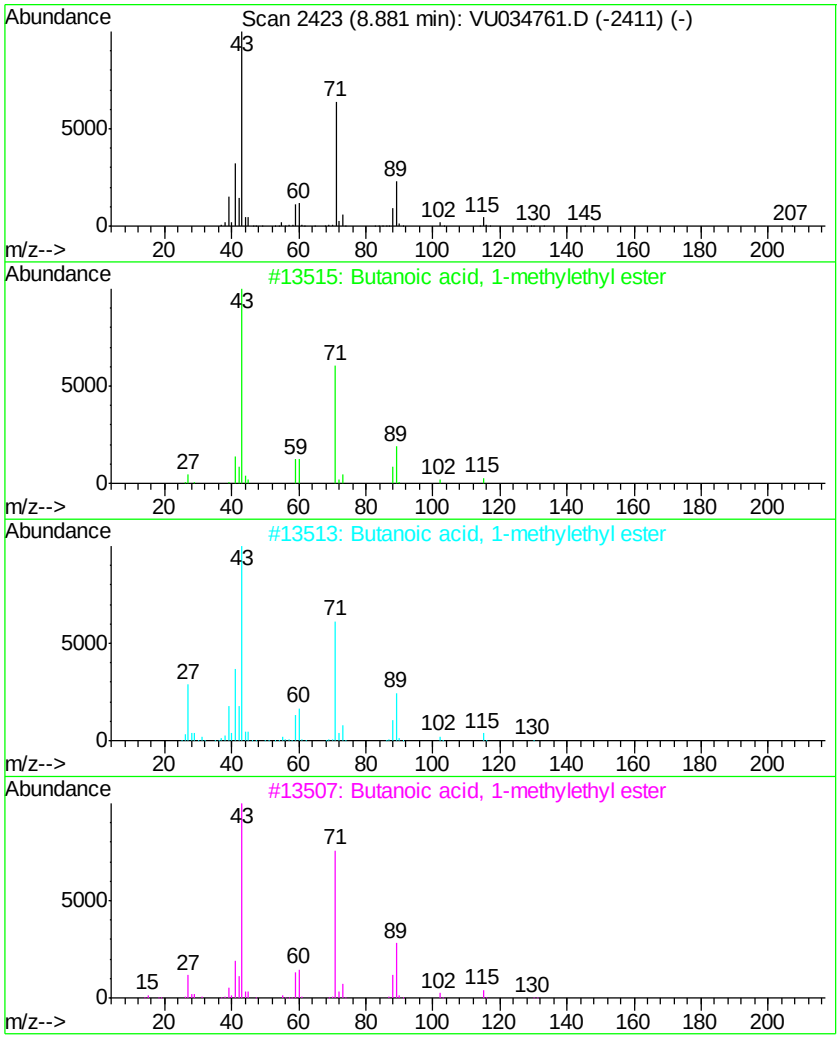
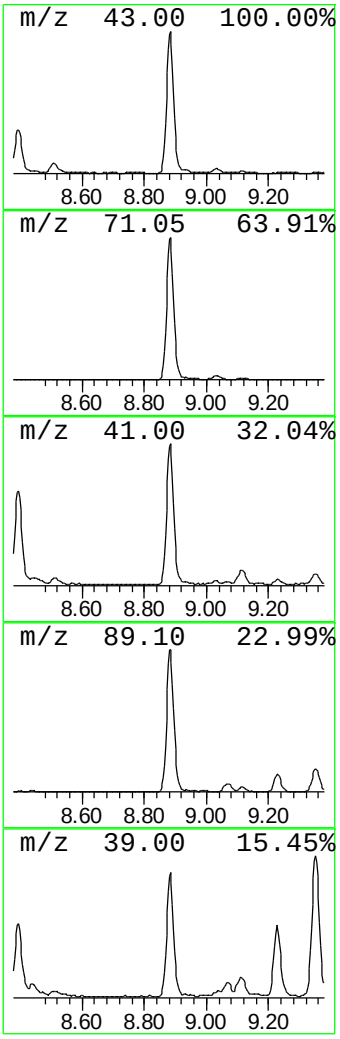
Peak Number 10 Butanoic acid, 1-methylethy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	32.24 ug/L	1081470	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	80
4	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	78
5	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	59





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Acq On : 24 Sep 2019 02:24
Operator : JC/SP
Sample : K4932-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDE9

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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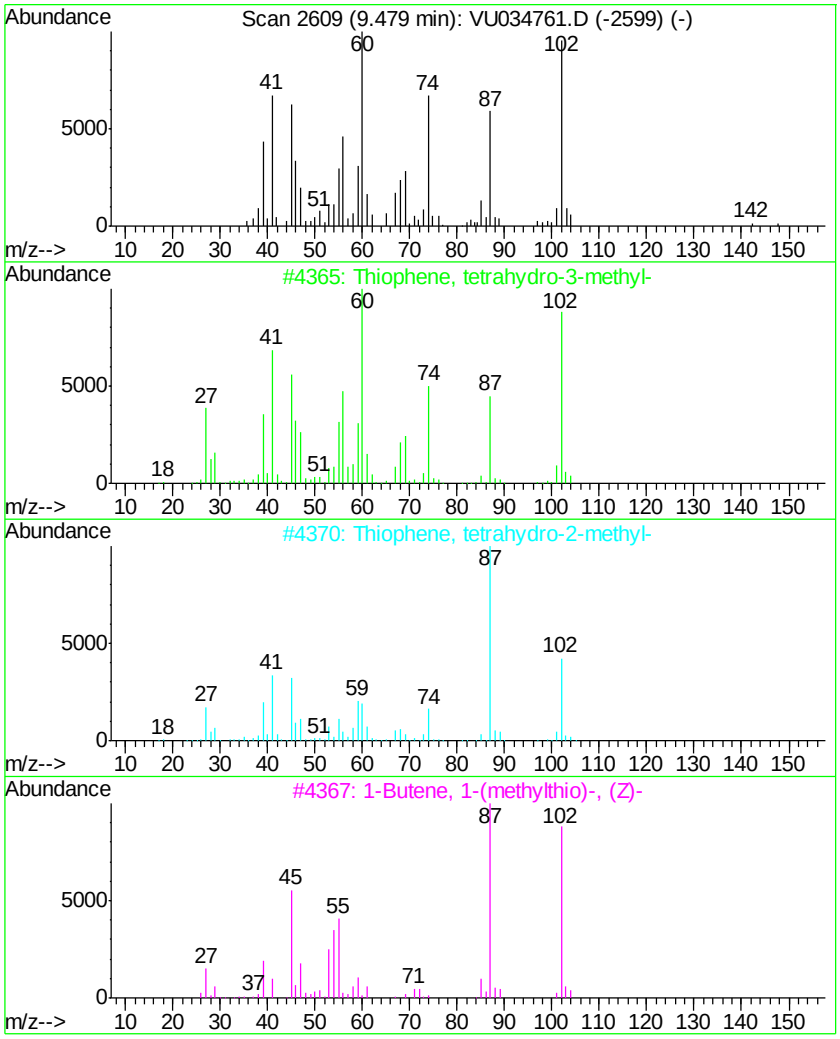
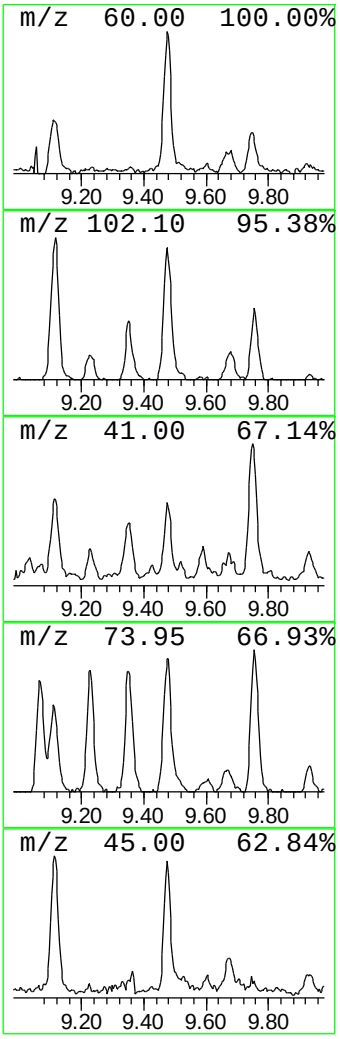
Peak Number 11 Thiophene, tetrahydro-3-met... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	3.94 ug/L	132207	Chlorobenzene-d5	9.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-3-methyl-	102	C5H10S	004740-00-5	97
2	Thiophene, tetrahydro-2-methyl-	102	C5H10S	001795-09-1	43
3	1-Butene, 1-(methylthio)-, (Z)-	102	C5H10S	017414-15-2	41
4	1-Butene, 1-(methylthio)-, (E)-	102	C5H10S	017414-27-6	38
5	2-Thiazolamine, 4,5-dihydro-	102	C3H6N2S	001779-81-3	38





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Acq On : 24 Sep 2019 02:24
Operator : JC/SP
Sample : K4932-18
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDE9

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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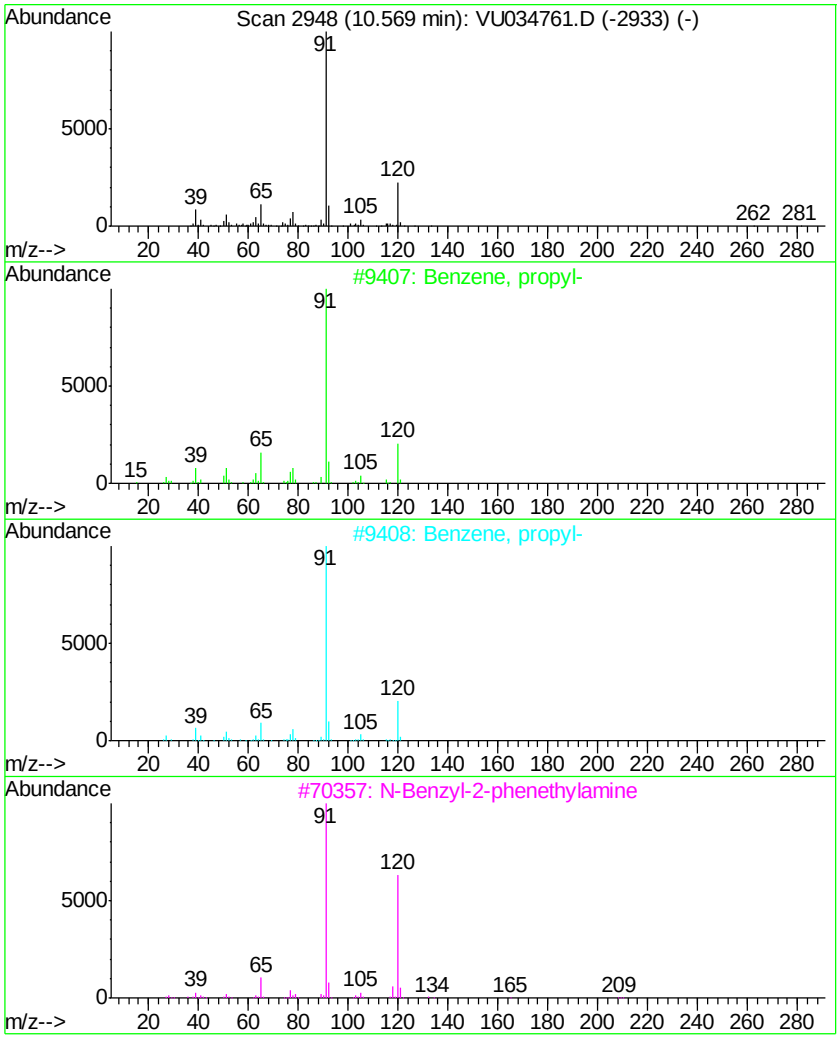
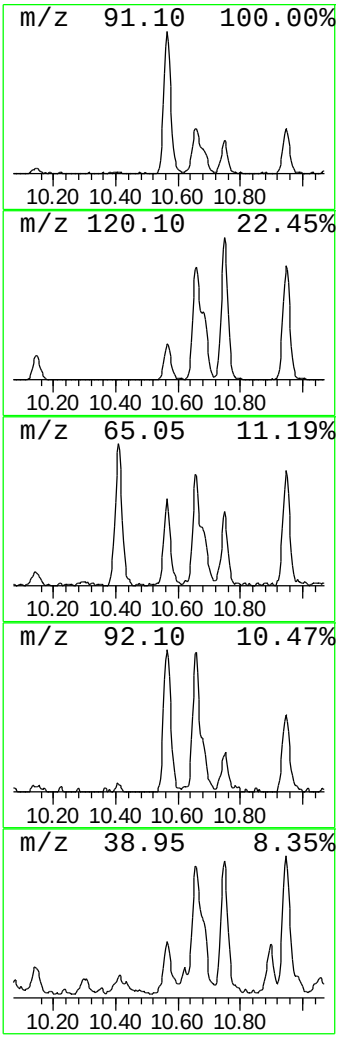
Peak Number 12 Benzene, propyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	7.59 ug/L	249419	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	Benzene, propyl-	120	C9H12	000103-65-1	81
3	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
4	Benzene, propyl-	120	C9H12	000103-65-1	74
5	1-Benzylamino-2-benzyloxyethane	241	C16H19NO	038336-06-0	72





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Acq On : 24 Sep 2019 02:24
Operator : JC/SP
Sample : K4932-18
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDE9

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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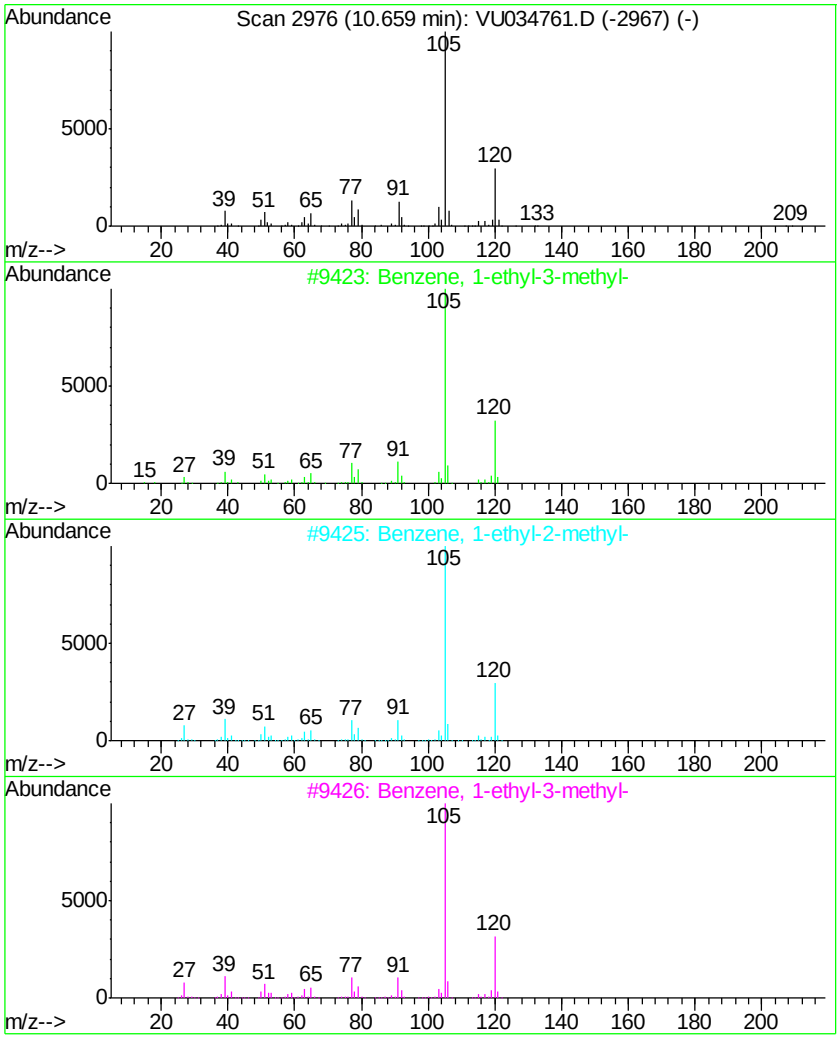
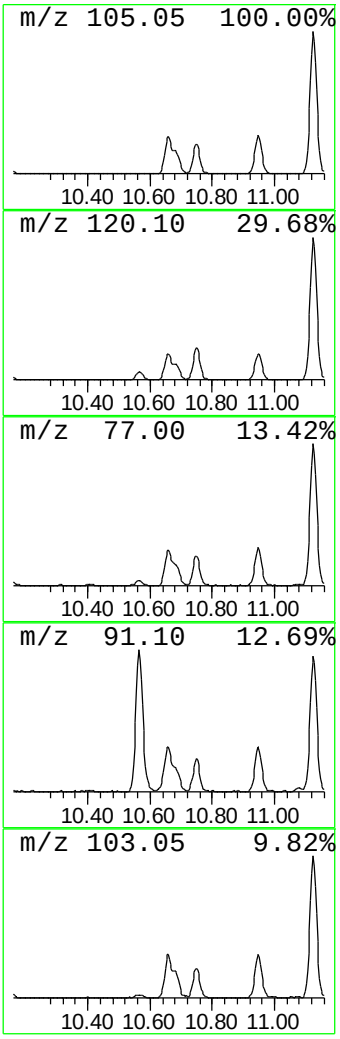
Peak Number 13 Benzene, 1-ethyl-3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	15.81 ug/L	519657	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	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-2-methyl-	120	C9H12	000611-14-3	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Data File : VU034761.D
Acq On : 24 Sep 2019 02:24
Operator : JC/SP
Sample : K4932-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDE9

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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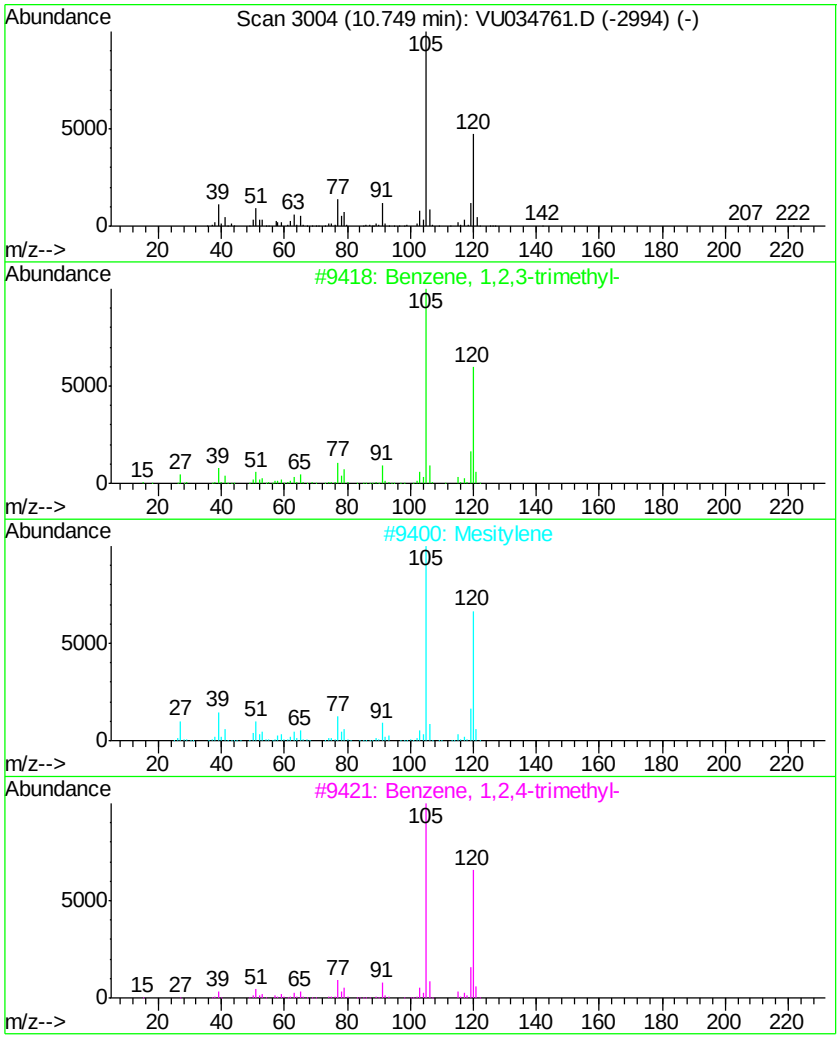
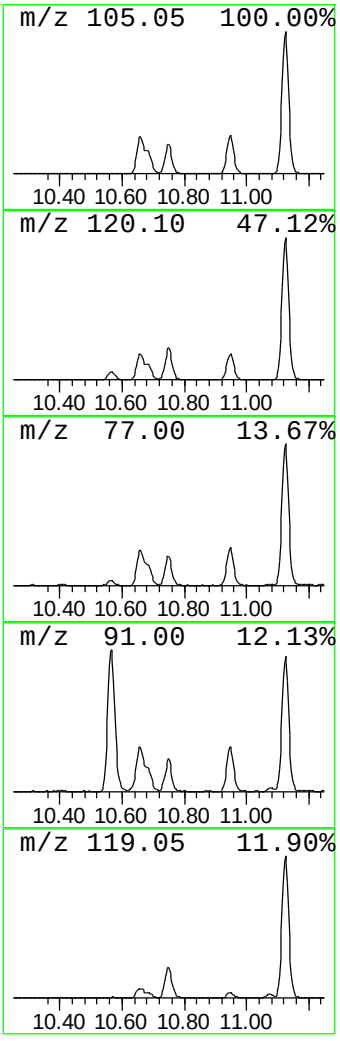
Peak Number 14 Benzene, 1,2,3-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	17.34 ug/L	569794	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	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Mesitylene	120	C9H12	000108-67-8	94





Library Search Compound Report

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Data File : VU034761.D
Acq On : 24 Sep 2019 02:24
Operator : JC/SP
Sample : K4932-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDE9

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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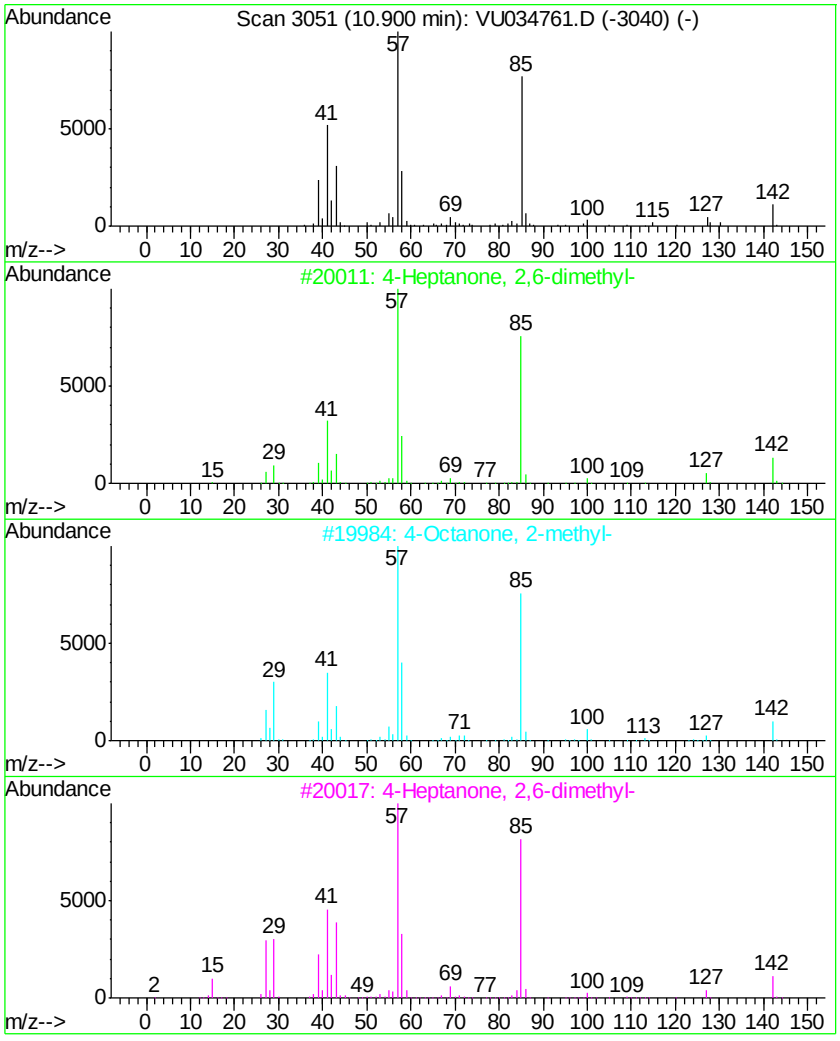
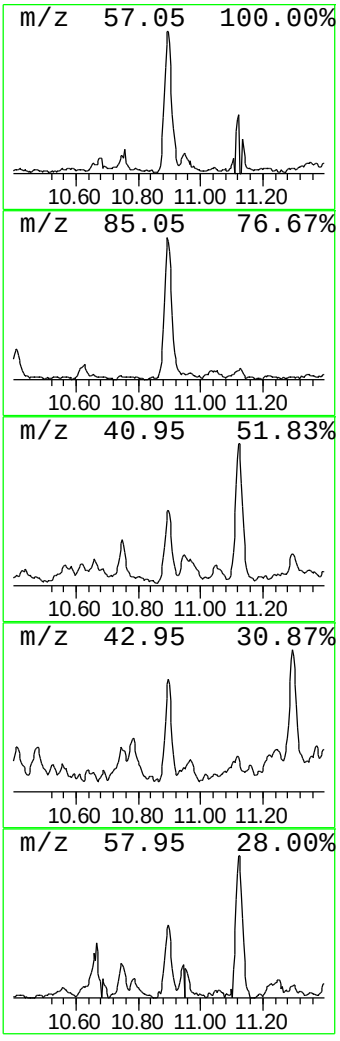
Peak Number 15 4-Heptanone, 2,6-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	3.86 ug/L	126918	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	86
3	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	72
4	t-Butyl isobutyl ketone	142	C9H18O	014705-50-1	59
5	Acetaldehyde, bis(1-methylethyl)...	142	C8H18N2	067660-50-8	53





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Operator : JC/SP
Sample : K4932-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDE9

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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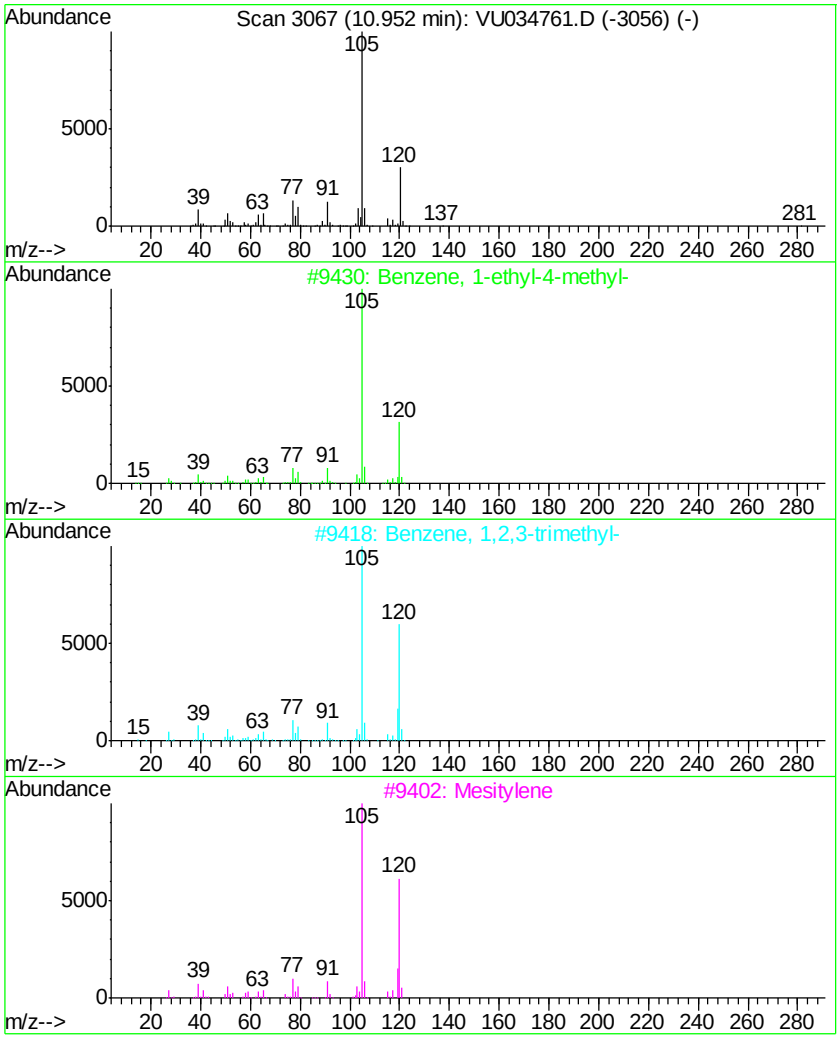
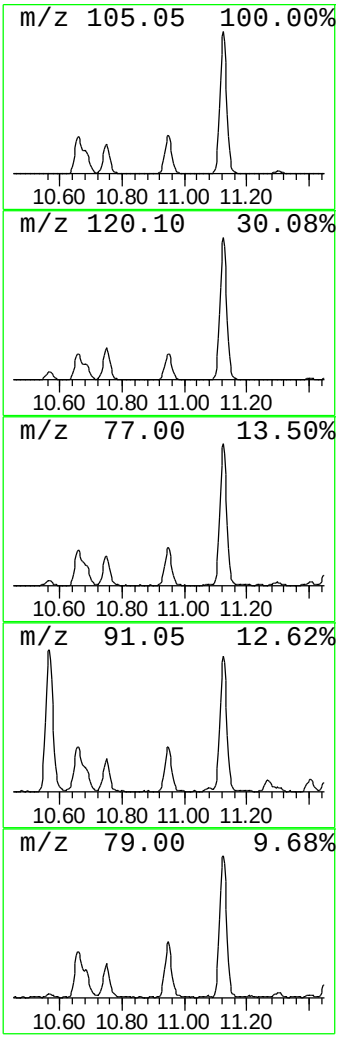
Peak Number 16 Benzene, 1-ethyl-4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	20.63 ug/L	677926	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Acq On : 24 Sep 2019 02:24
Operator : JC/SP
Sample : K4932-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDE9

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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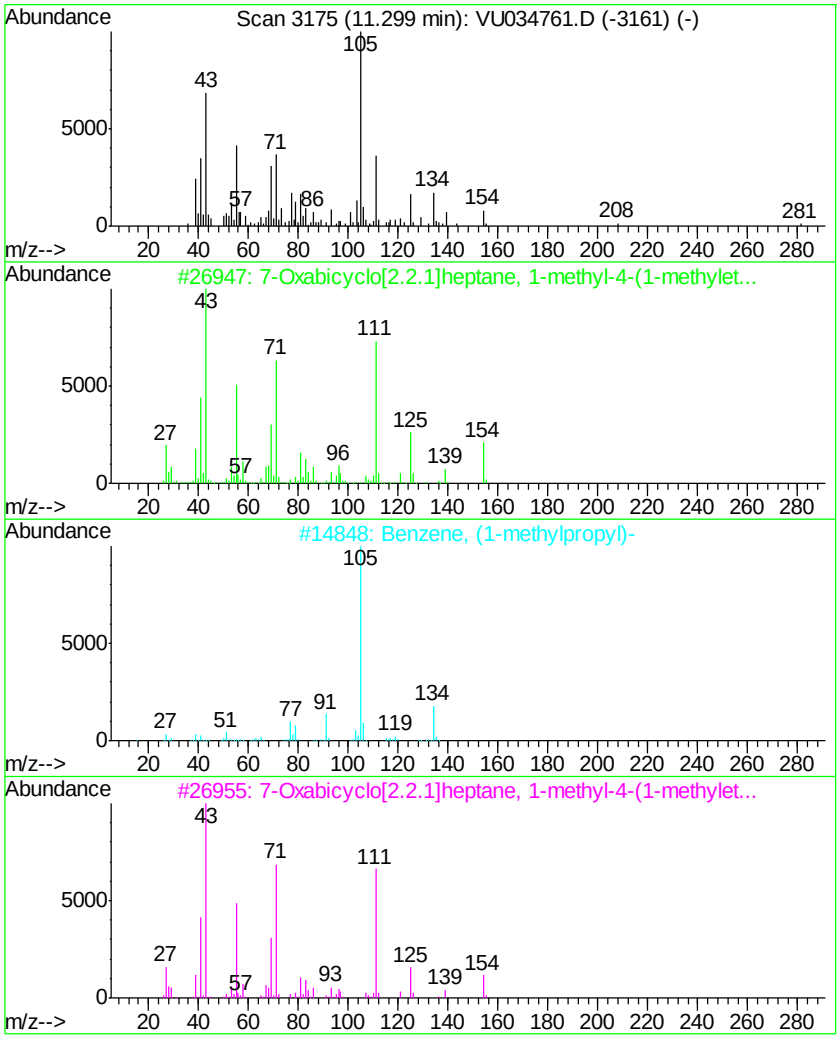
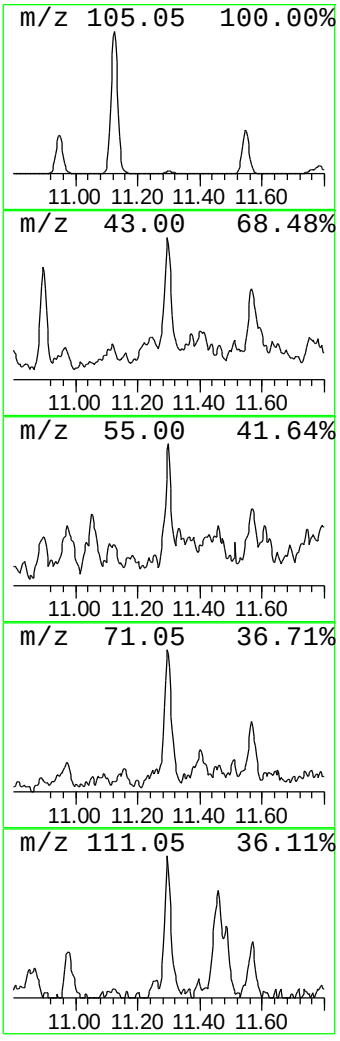
Peak Number 18 unknown-03 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	3.08 ug/L	101316	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	38
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	38
3	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	38
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	30
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	30





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Data File : VU034761.D
Acq On : 24 Sep 2019 02:24
Operator : JC/SP
Sample : K4932-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDE9

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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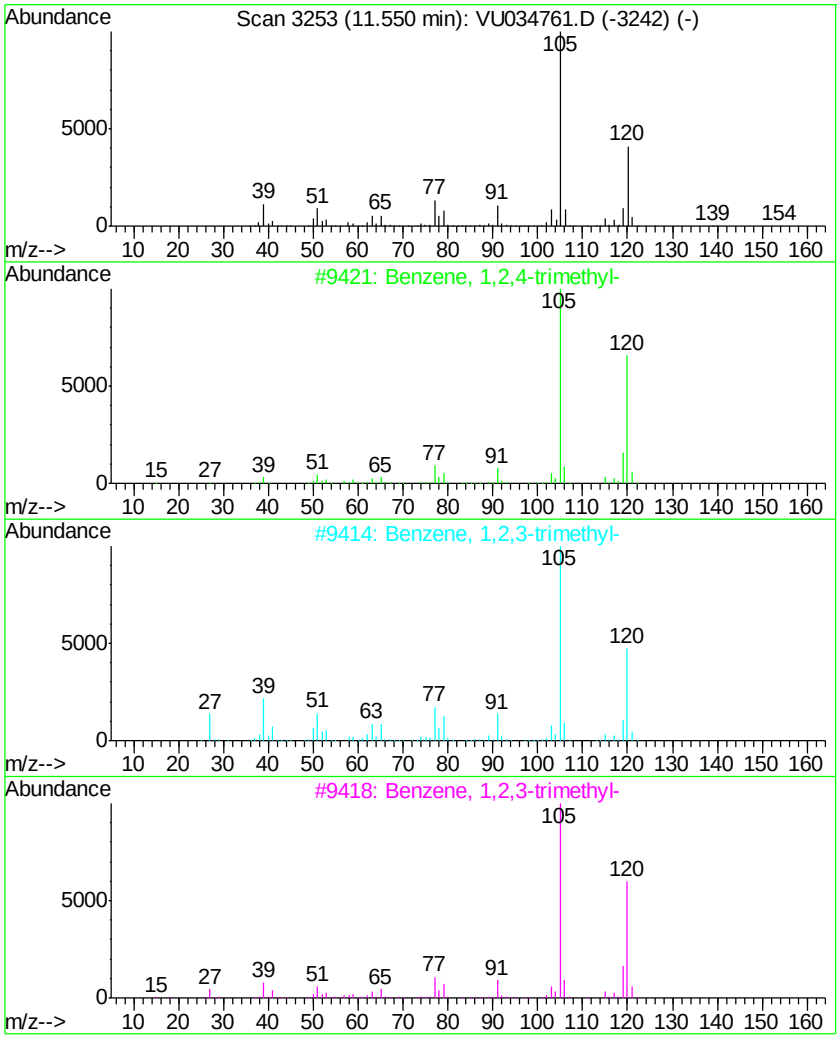
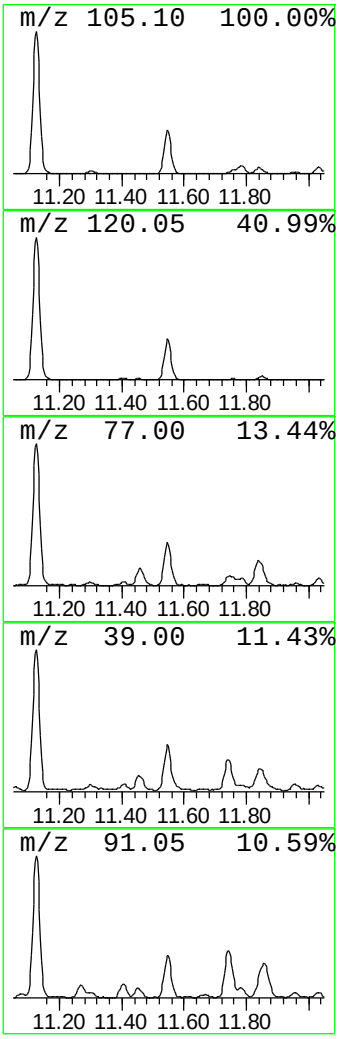
Peak Number 20 Benzene, 1,2,4-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	23.10 ug/L	759281	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	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Library Search Compound Report

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Data File : VU034761.D
Acq On : 24 Sep 2019 02:24
Operator : JC/SP
Sample : K4932-18
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDE9

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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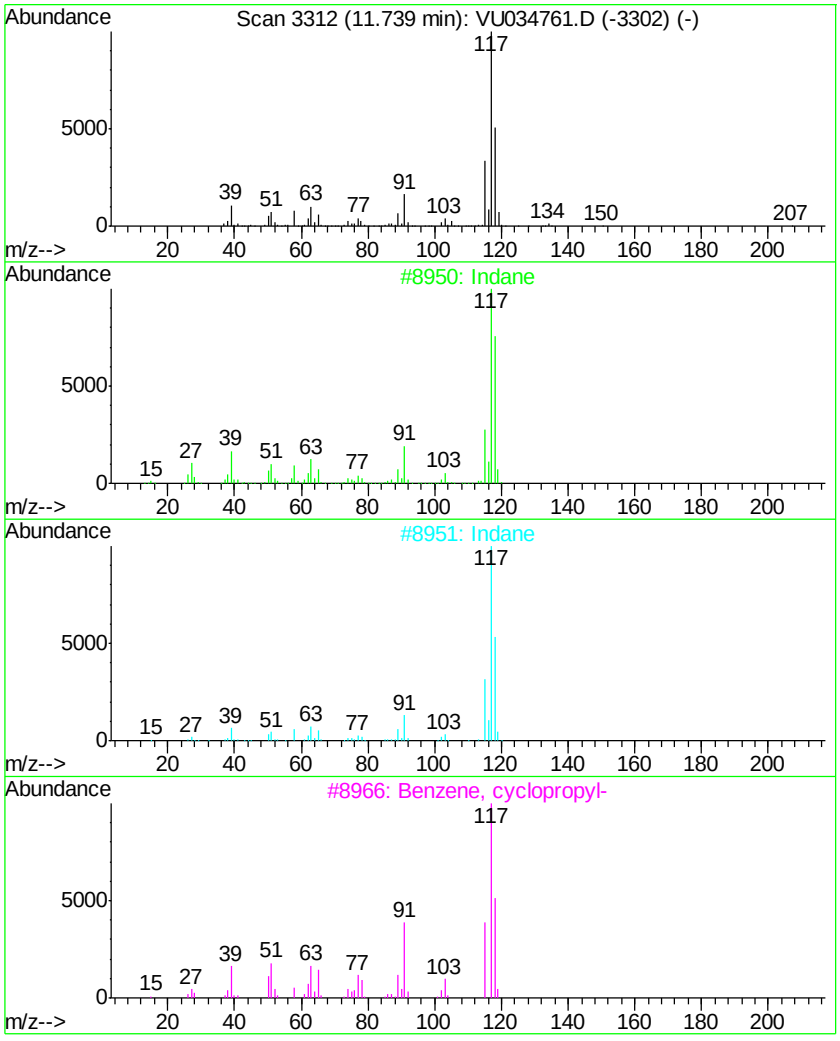
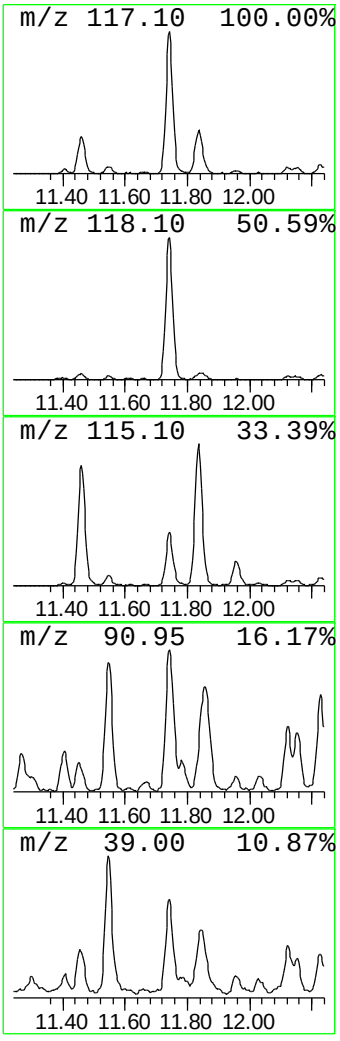
Peak Number 21 Indane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	20.38 ug/L	669970	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	90
2	Indane	118	C9H10	000496-11-7	87
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	87
4	Indane	118	C9H10	000496-11-7	81
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74





Library Search Compound Report

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Data File : VU034761.D
Acq On : 24 Sep 2019 02:24
Operator : JC/SP
Sample : K4932-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDE9

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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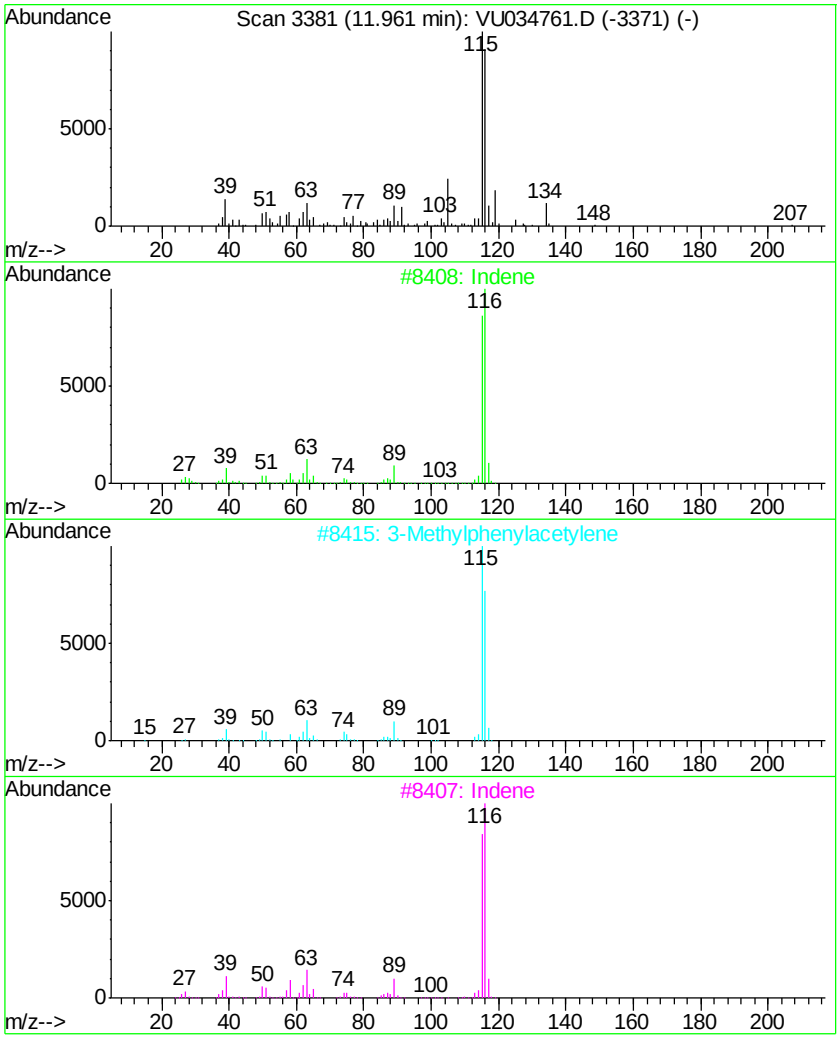
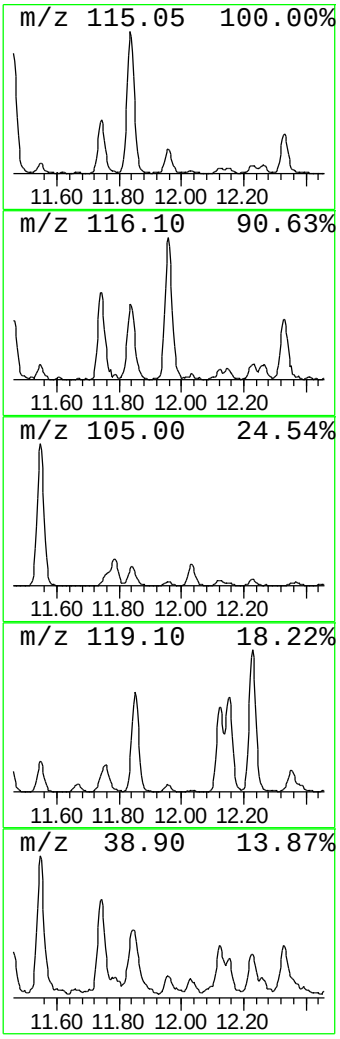
Peak Number 22 Indene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	4.03 ug/L	132563	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	94
2	3-Methylphenylacetylene	116	C9H8	000766-82-5	94
3	Indene	116	C9H8	000095-13-6	90
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	76
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	76





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Acq On : 24 Sep 2019 02:24
Operator : JC/SP
Sample : K4932-18
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDE9

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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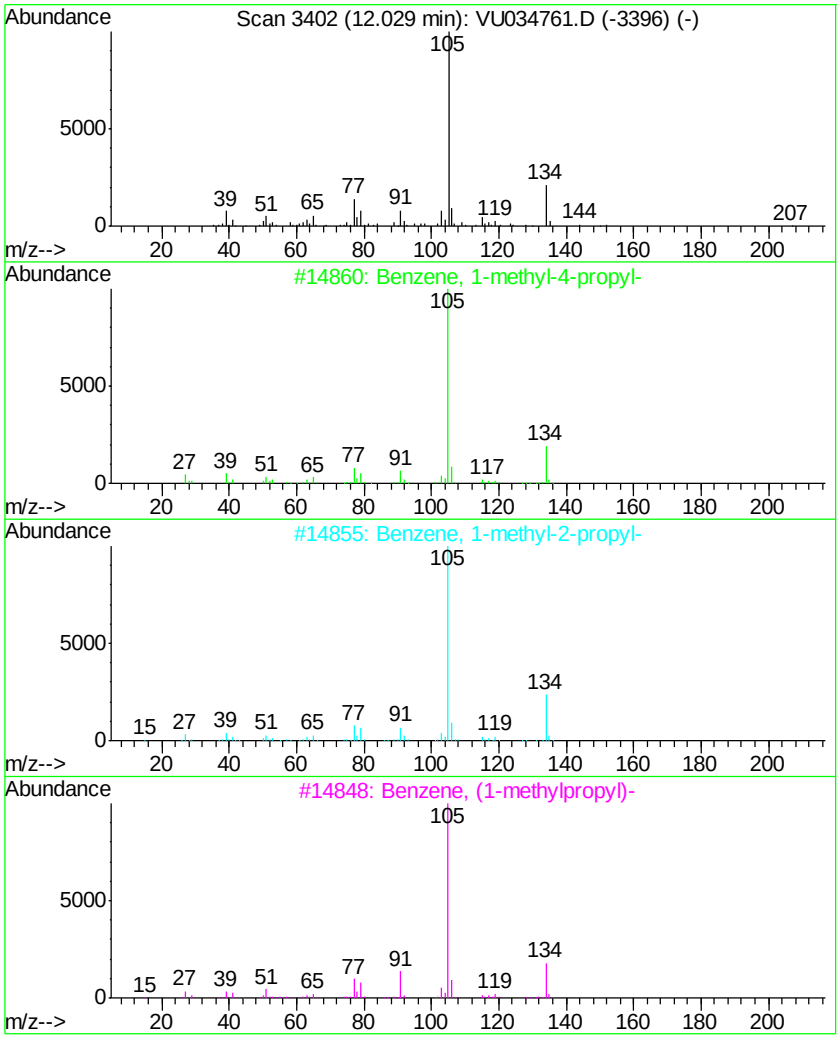
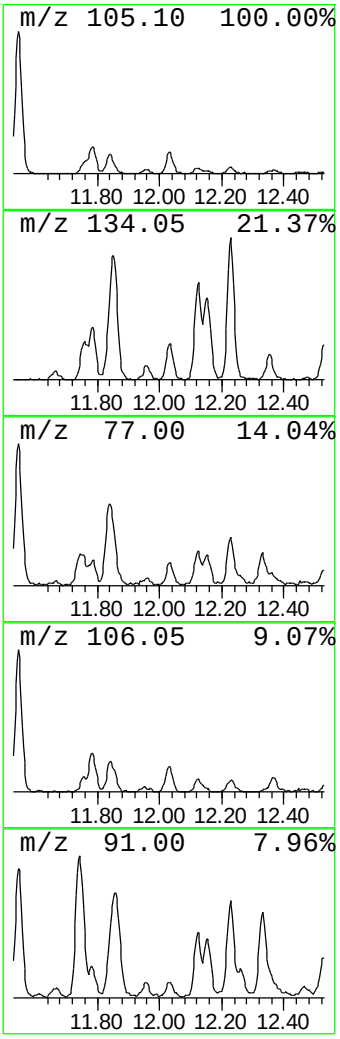
Peak Number 23 Benzene, 1-methyl-4-propyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	2.98 ug/L	97939	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	90
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90





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Acq On : 24 Sep 2019 02:24
Operator : JC/SP
Sample : K4932-18
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDE9

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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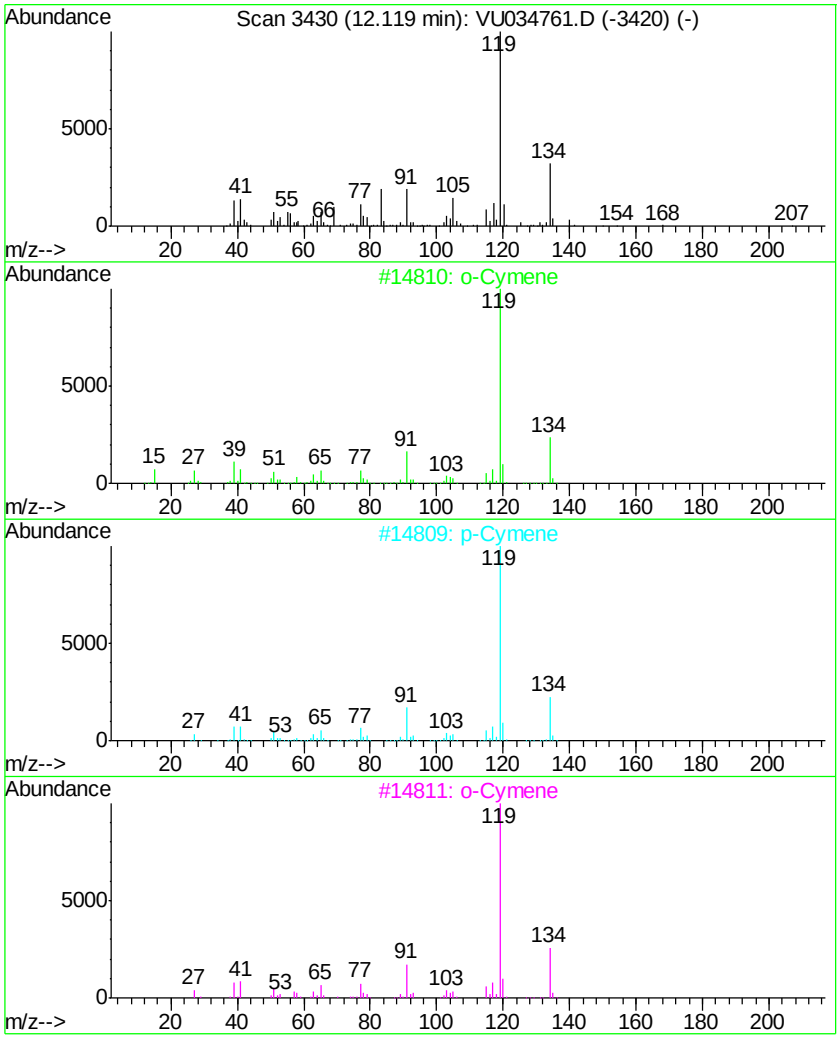
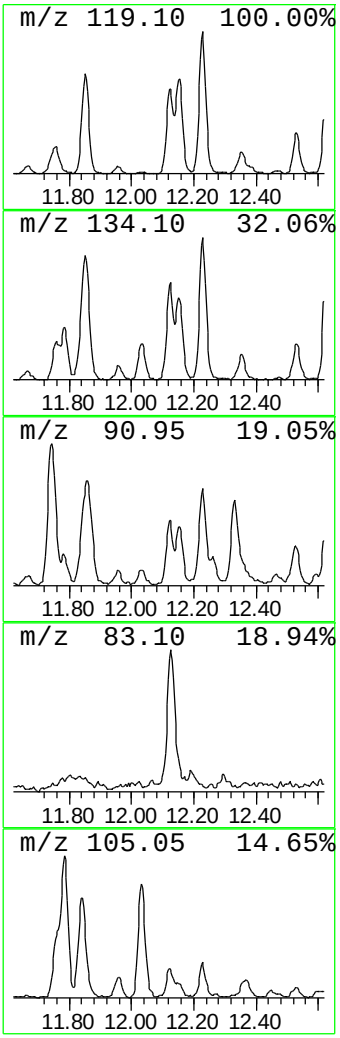
Peak Number 24 o-Cymene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	9.08 ug/L	298516	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	p-Cymene	134	C10H14	000099-87-6	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Data File : VU034761.D
Acq On : 24 Sep 2019 02:24
Operator : JC/SP
Sample : K4932-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDE9

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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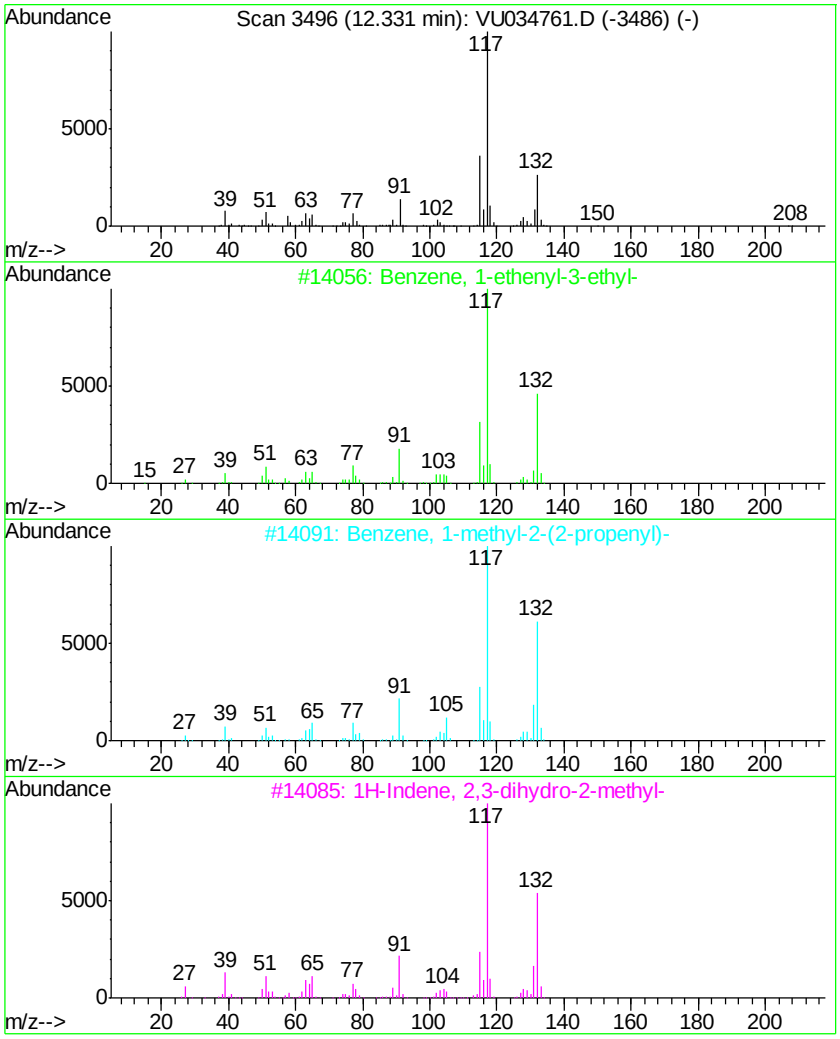
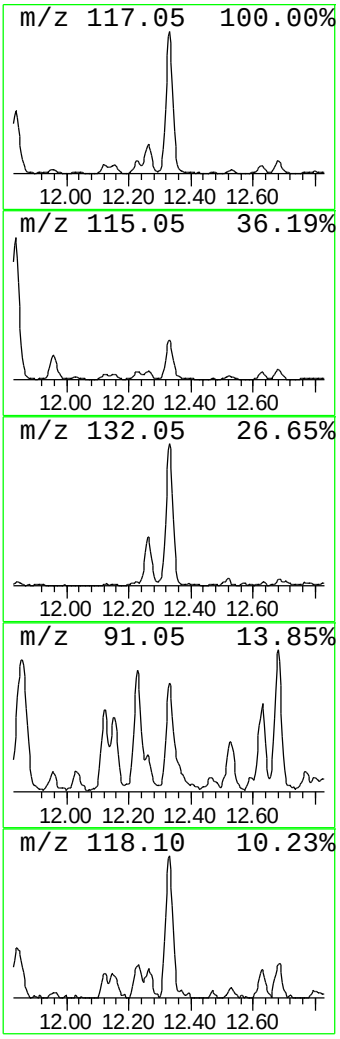
Peak Number 26 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	13.51 ug/L	444067	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	86
3	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	86
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	83
5	Indan, 1-methyl-	132	C10H12	000767-58-8	81





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Data File : VU034761.D
Acq On : 24 Sep 2019 02:24
Operator : JC/SP
Sample : K4932-18
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDE9

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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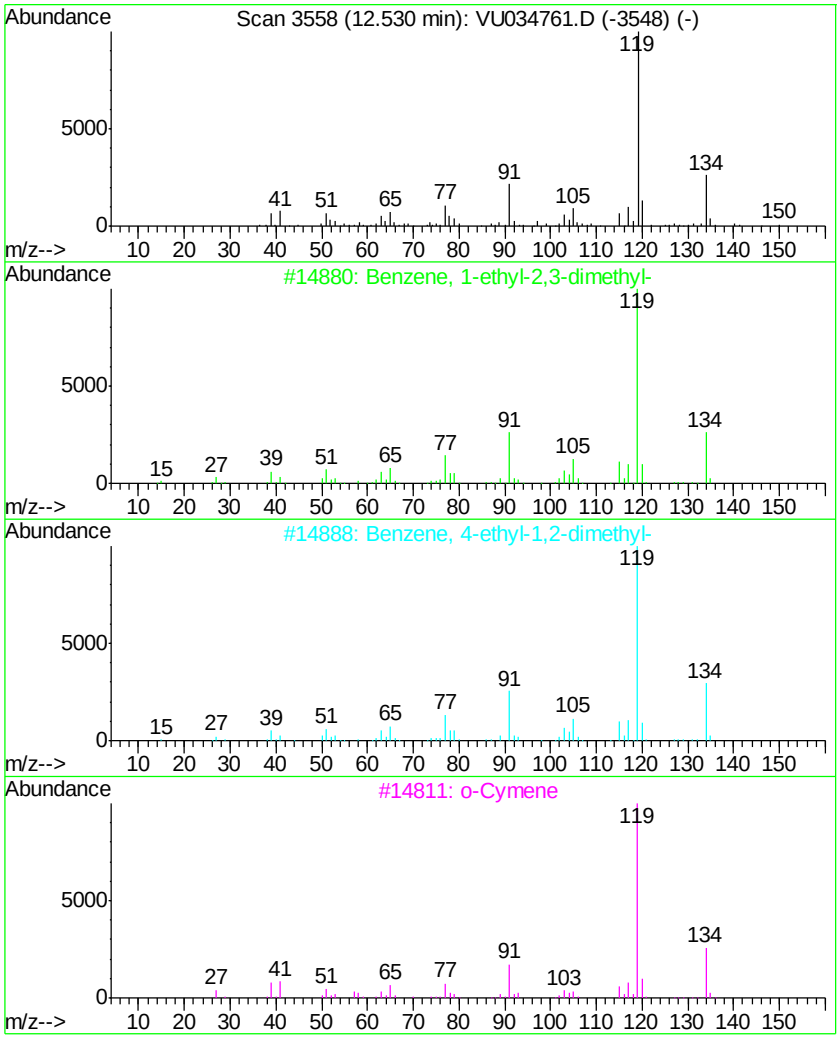
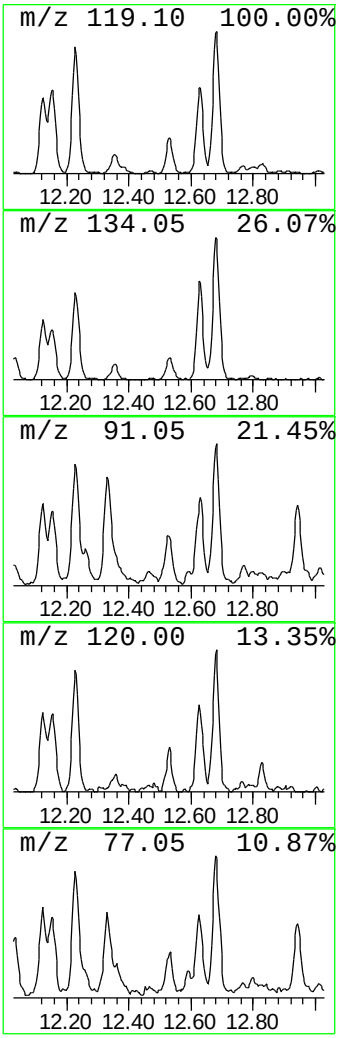
Peak Number 27 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	3.92 ug/L	128748	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	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	o-Cymene	134	C10H14	000527-84-4	94
4	p-Cymene	134	C10H14	000099-87-6	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Library Search Compound Report

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Data File : VU034761.D
Acq On : 24 Sep 2019 02:24
Operator : JC/SP
Sample : K4932-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDE9

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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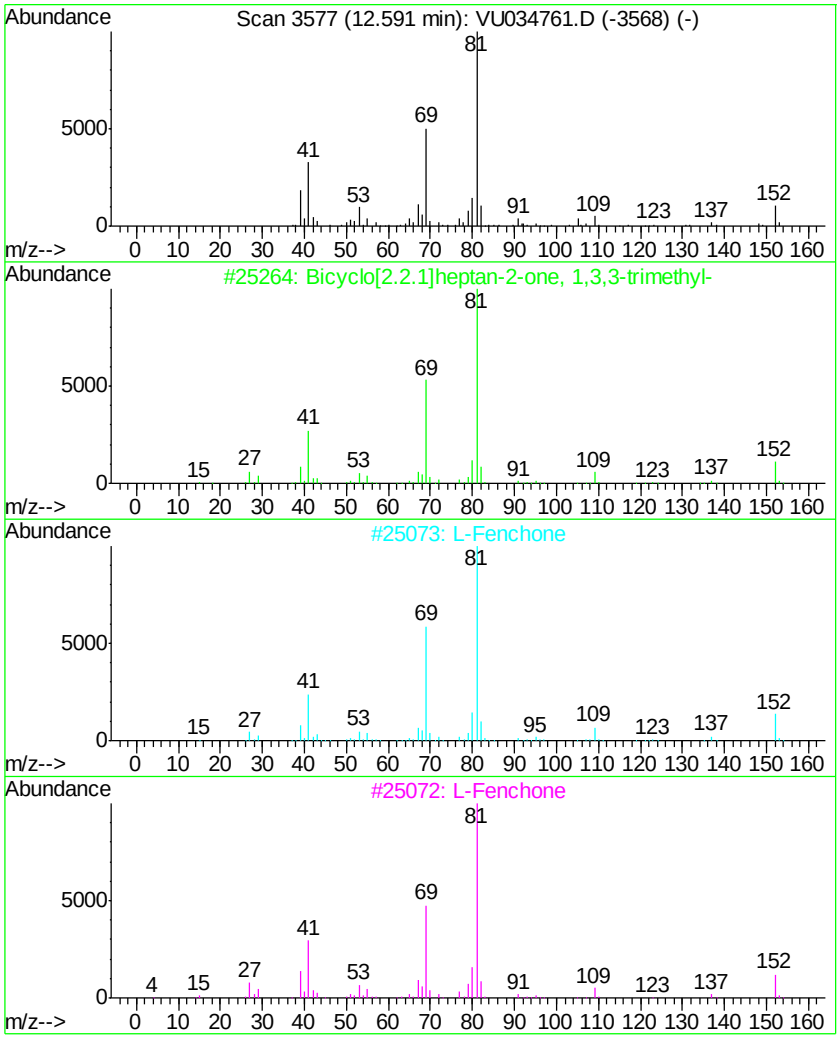
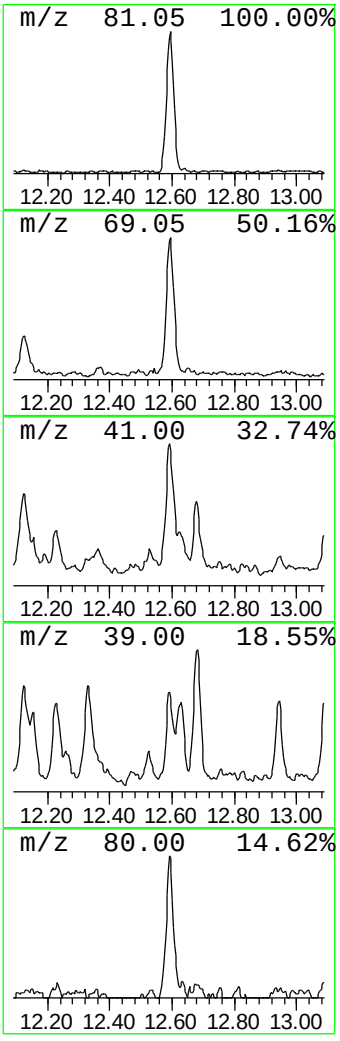
Peak Number 28 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	5.36 ug/L	176223	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	95
2	L-Fenchone	152	C10H16O	007787-20-4	93
3	L-Fenchone	152	C10H16O	007787-20-4	93
4	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	90
5	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	90





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Data File : VU034761.D
Acq On : 24 Sep 2019 02:24
Operator : JC/SP
Sample : K4932-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDE9

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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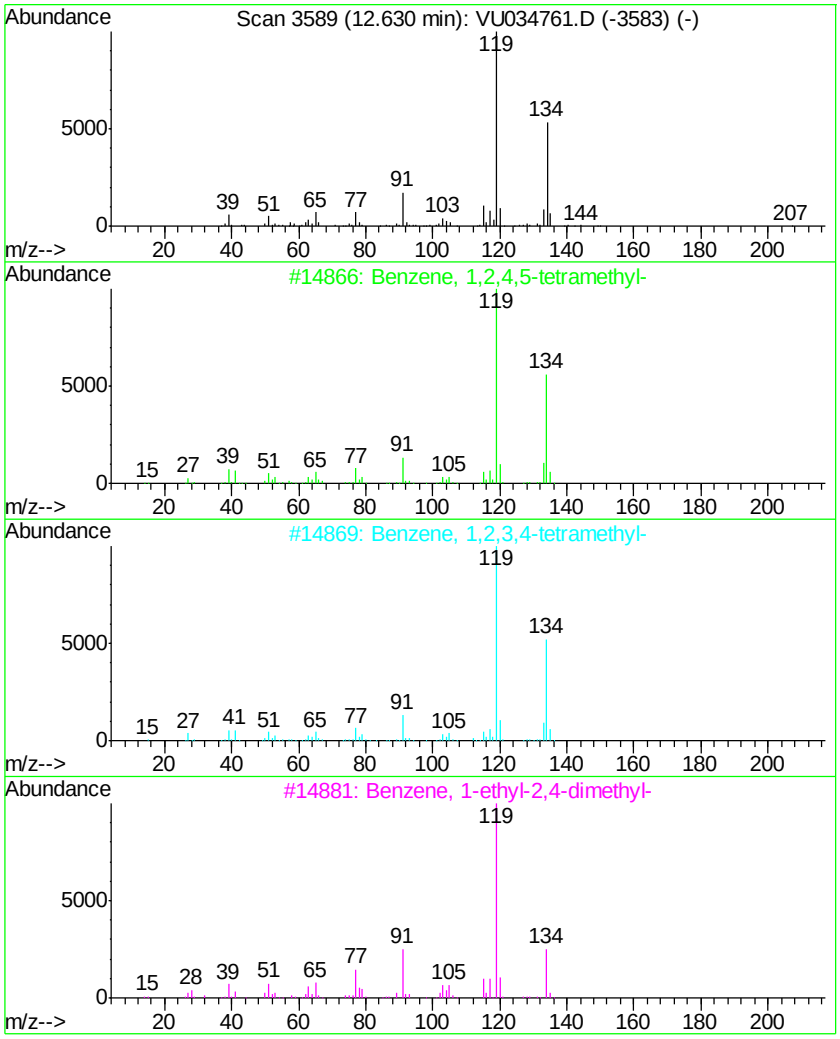
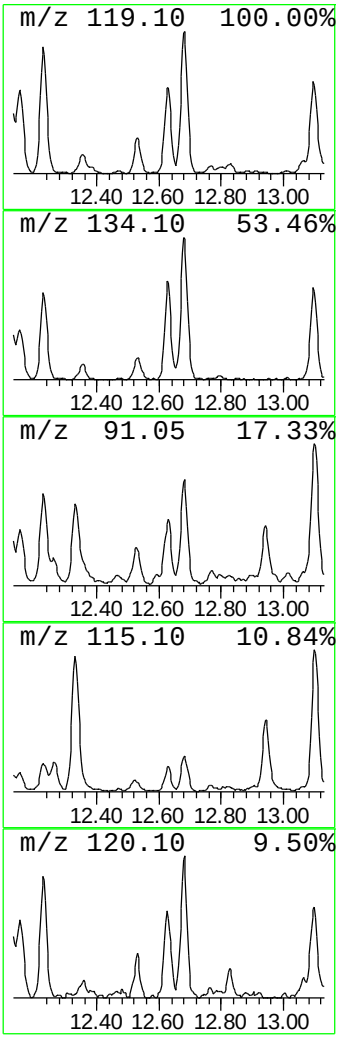
Peak Number 29 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	7.36 ug/L	241967	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	96
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





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Data File : VU034761.D
Acq On : 24 Sep 2019 02:24
Operator : JC/SP
Sample : K4932-18
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDE9

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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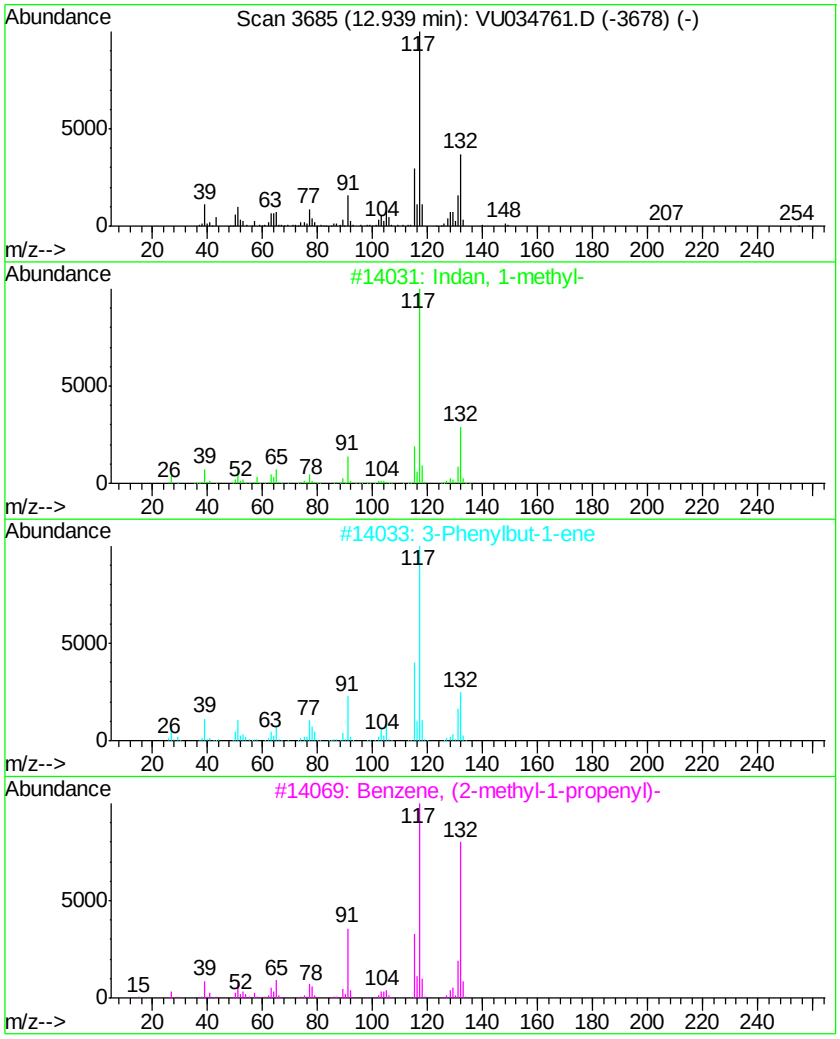
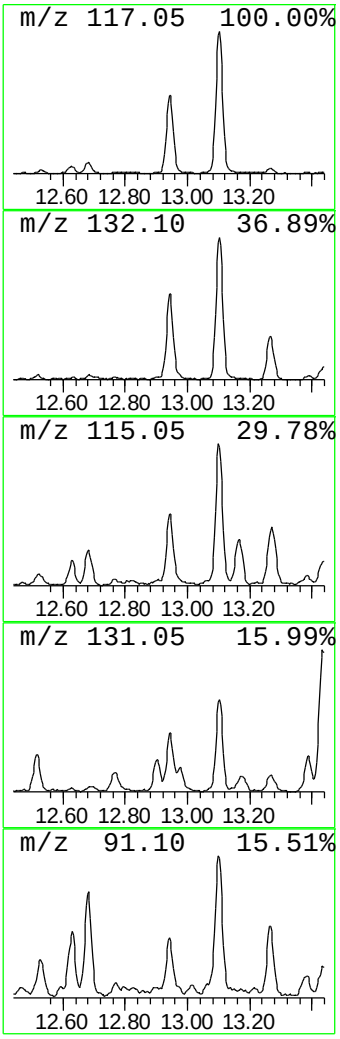
Peak Number 31 Indan, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	9.12 ug/L	299718	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	90
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Data File : VU034761.D
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Operator : JC/SP
Sample : K4932-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDE9

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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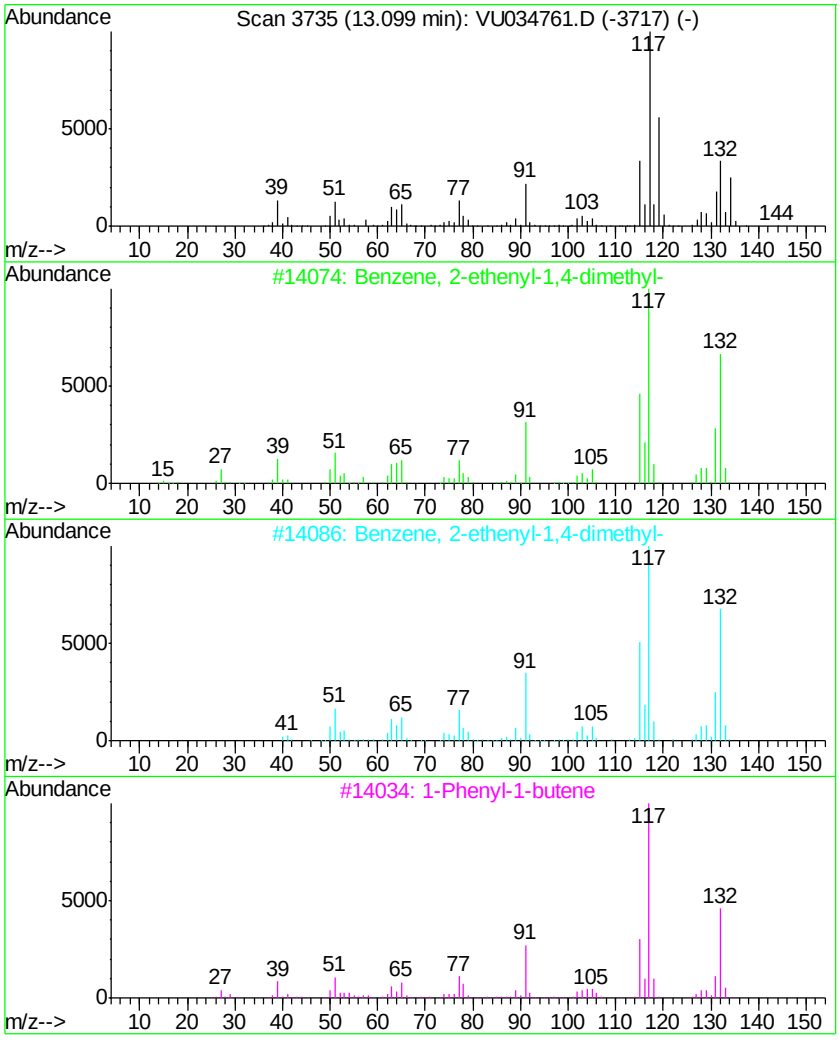
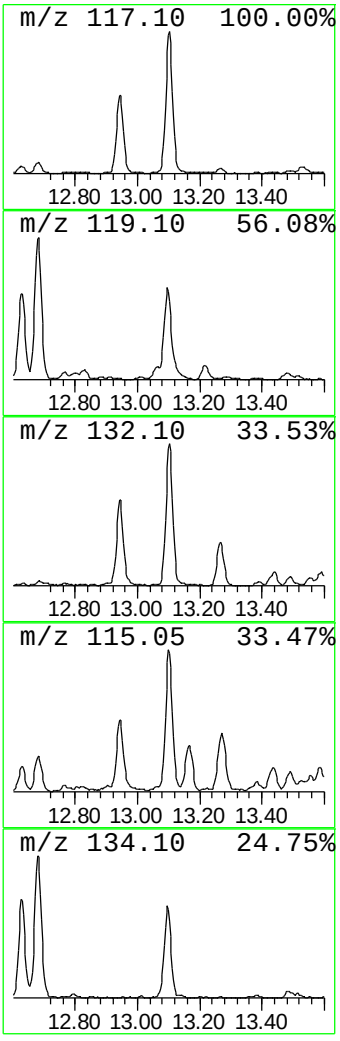
Peak Number 32 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	22.77 ug/L	748431	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	89
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	87
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70





Library Search Compound Report

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Data File : VU034761.D
Acq On : 24 Sep 2019 02:24
Operator : JC/SP
Sample : K4932-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDE9

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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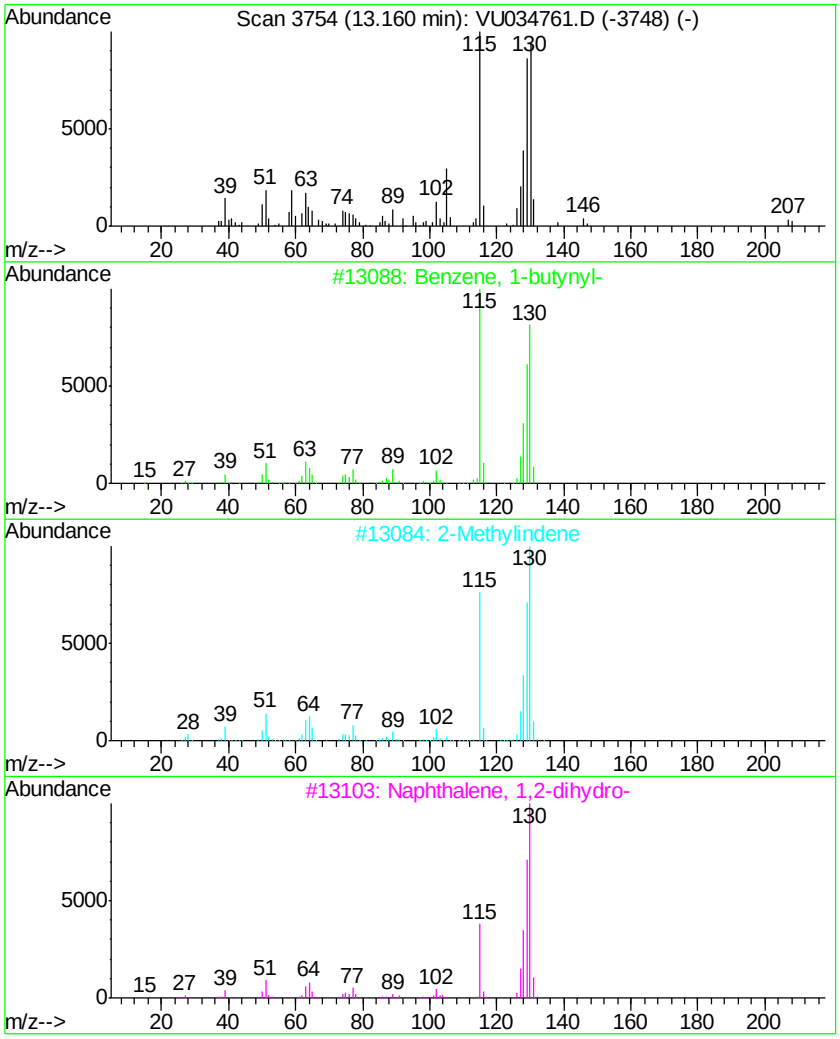
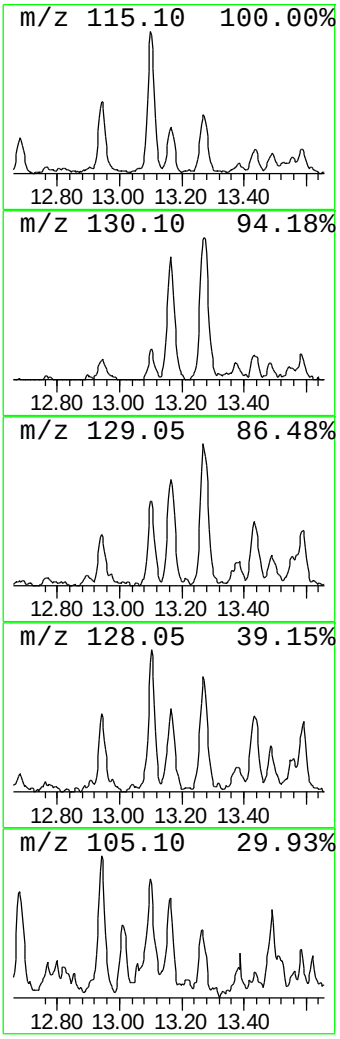
Peak Number 33 Benzene, 1-butynyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	3.50 ug/L	115179	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
2	2-Methylindene	130	C10H10	002177-47-1	90
3	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	90
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	81
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092319\
Data File : VU034761.D
Acq On : 24 Sep 2019 02:24
Operator : JC/SP
Sample : K4932-18
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDE9

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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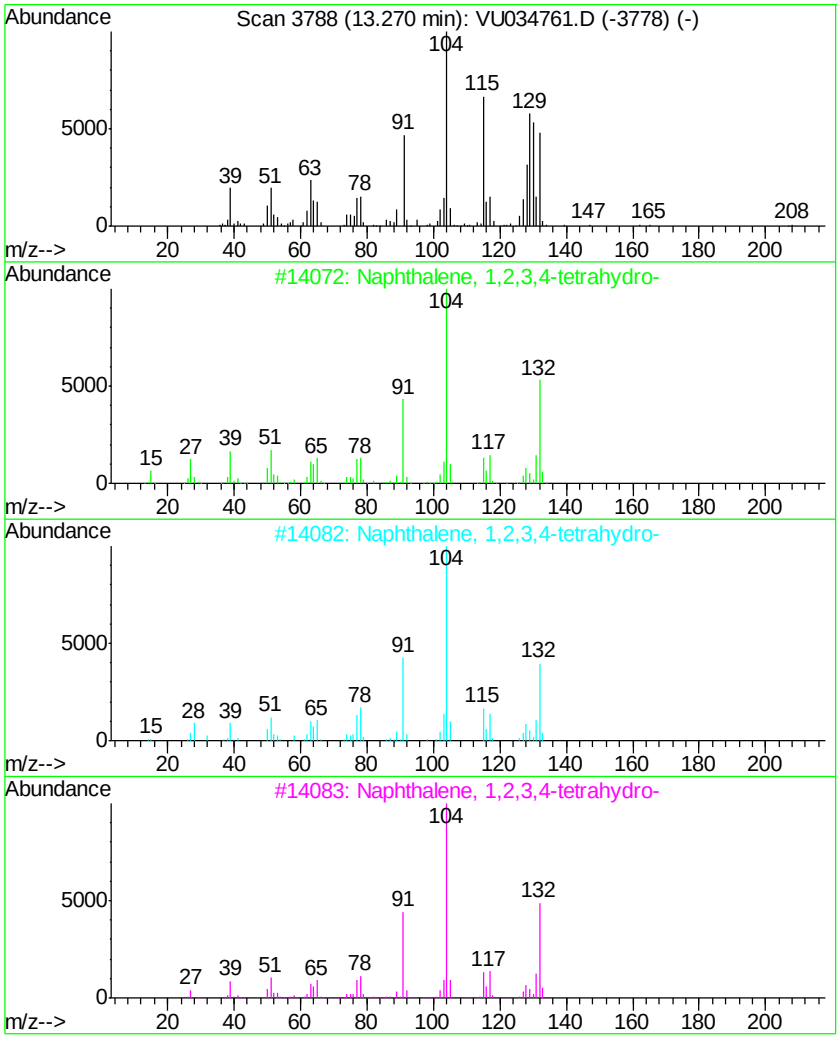
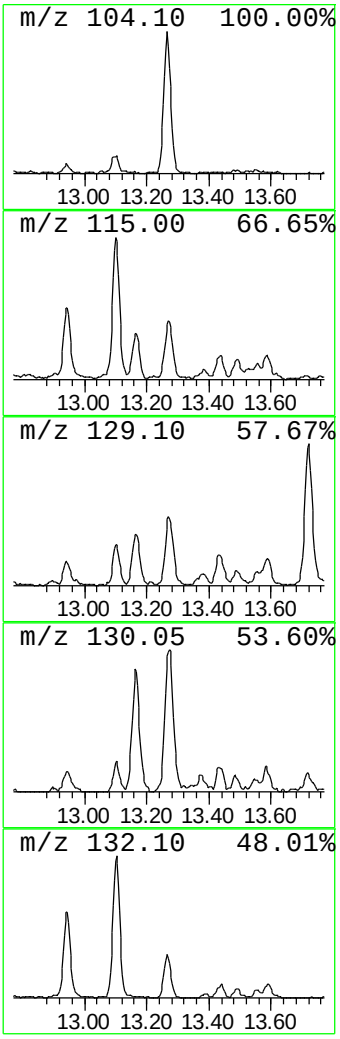
Peak Number 34 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	6.85 ug/L	225003	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	70
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	64
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	50
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	50
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	42





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092319\
Data File : VU034761.D
Acq On : 24 Sep 2019 02:24
Operator : JC/SP
Sample : K4932-18
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDE9

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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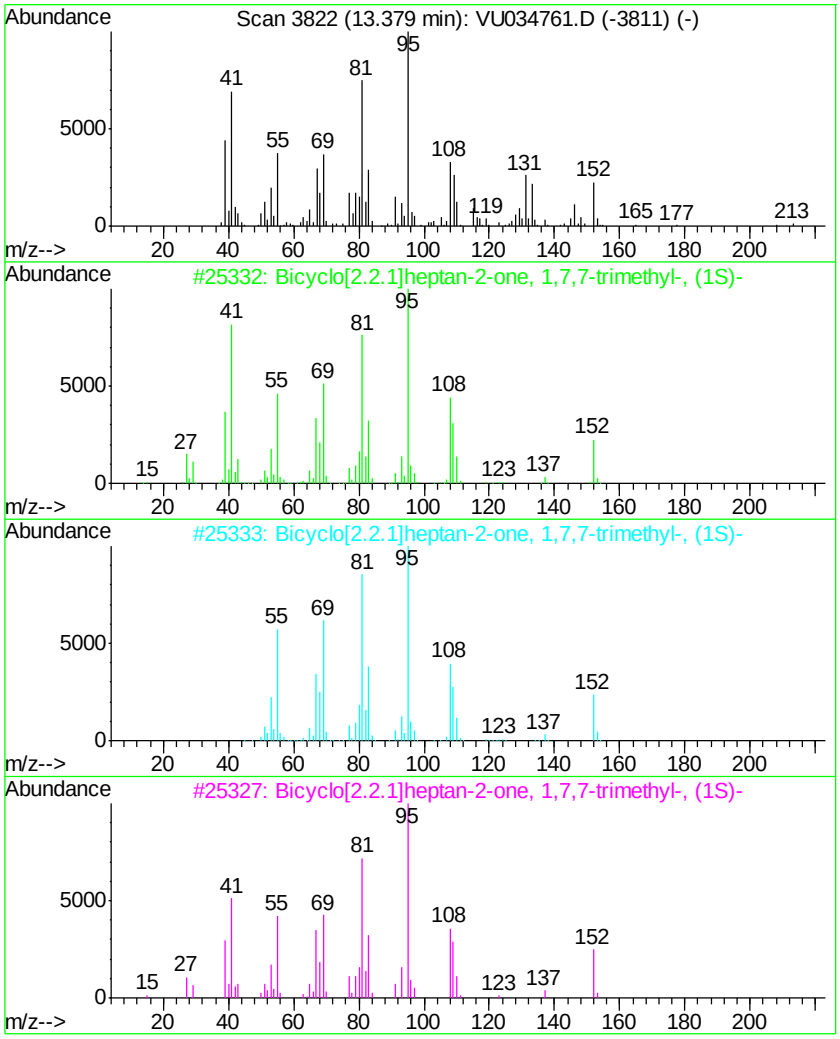
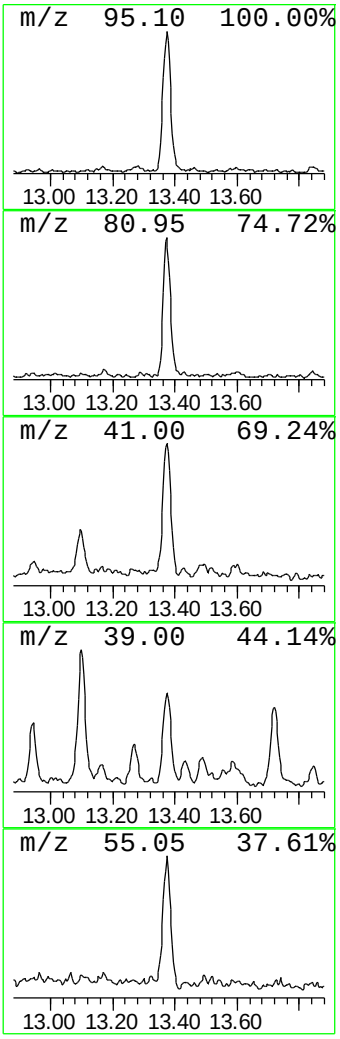
Peak Number 35 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	8.30 ug/L	272912	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	98
2	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	98
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	98
4	Camphor	152	C10H16O	000076-22-2	96
5	(+)-2-Bornanone	152	C10H16O	000464-49-3	96





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Data File : VU034761.D
Acq On : 24 Sep 2019 02:24
Operator : JC/SP
Sample : K4932-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDE9

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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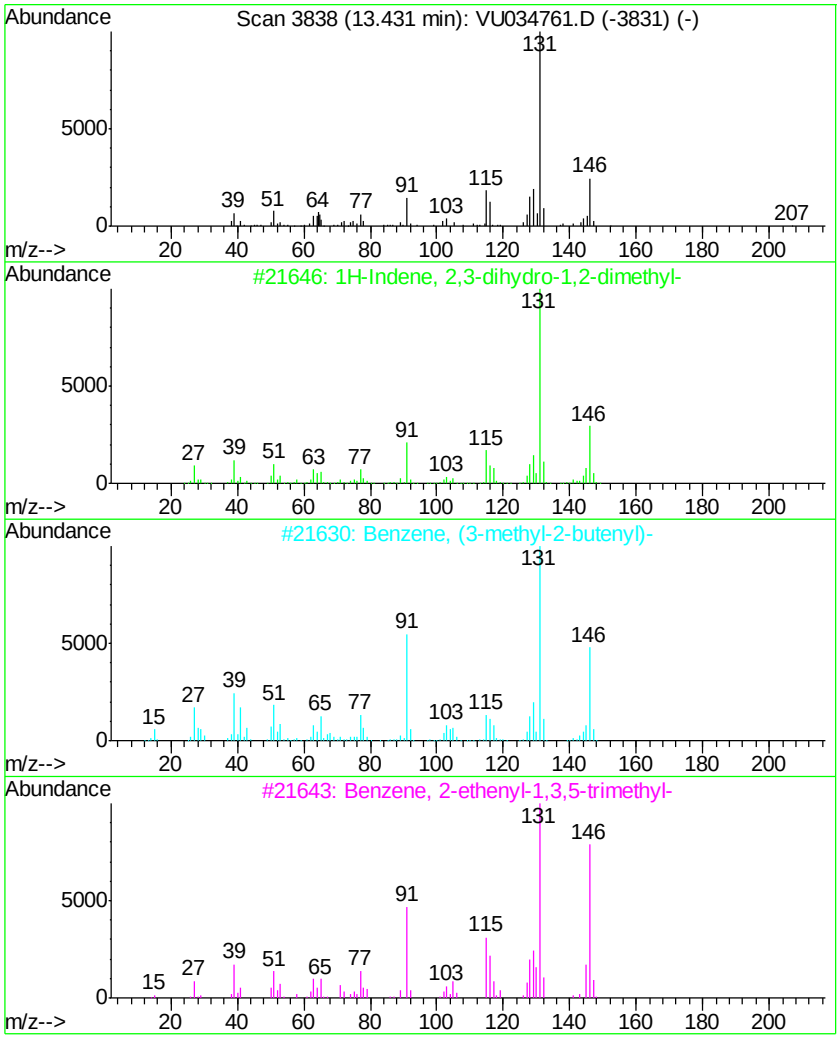
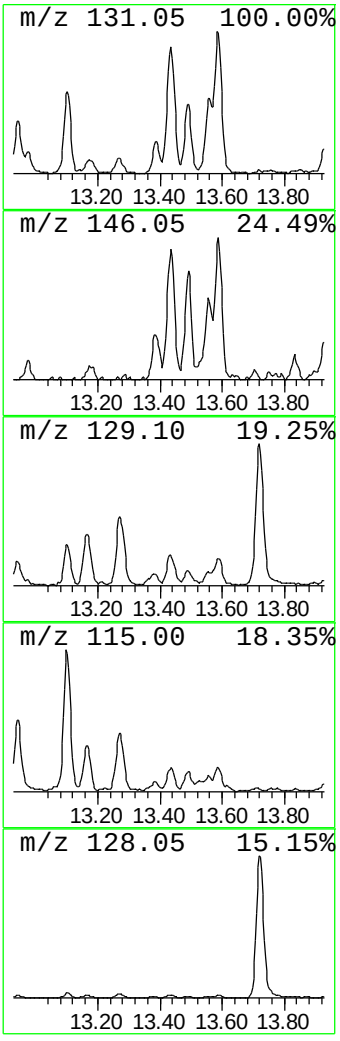
Peak Number 36 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	3.51 ug/L	115372	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	90
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	87
5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Data File : VU034761.D
Acq On : 24 Sep 2019 02:24
Operator : JC/SP
Sample : K4932-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDE9

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
(DEL) Alkane: Cyc...	4.07	3.4	ug/L	87068	1	5.86	1289320	50.0
Isopropyl acetate	5.53	8.1	ug/L	208191	1	5.86	1289320	50.0
unknown-01	6.20	3.0	ug/L	77995	1	5.86	1289320	50.0
n-Propyl acetate	6.68	135.8	ug/L	3501890	1	5.86	1289320	50.0
unknown-02	7.21	23.2	ug/L	599041	1	5.86	1289320	50.0
Propanoic acid, 1...	7.40	17.4	ug/L	448875	1	5.86	1289320	50.0
Propanoic acid, 2...	8.13	16.6	ug/L	556126	2	9.07	1677030	50.0
Propanoic acid, p...	8.40	28.4	ug/L	953321	2	9.07	1677030	50.0
Butanoic acid, 1-...	8.88	32.2	ug/L	1081470	2	9.07	1677030	50.0
Thiophene, tetrah...	9.48	3.9	ug/L	132207	2	9.07	1677030	50.0
Benzene, propyl-	10.57	7.6	ug/L	249419	3	11.46	1643370	50.0
Benzene, 1-ethyl-...	10.66	15.8	ug/L	519657	3	11.46	1643370	50.0
Benzene, 1,2,3-tr...	10.75	17.3	ug/L	569794	3	11.46	1643370	50.0
4-Heptanone, 2,6-...	10.90	3.9	ug/L	126918	3	11.46	1643370	50.0
Benzene, 1-ethyl-...	10.95	20.6	ug/L	677926	3	11.46	1643370	50.0
unknown-03	11.30	3.1	ug/L	101316	3	11.46	1643370	50.0
Benzene, 1,2,4-tr...	11.55	23.1	ug/L	759281	3	11.46	1643370	50.0
Indane	11.74	20.4	ug/L	669970	3	11.46	1643370	50.0
Indene	11.96	4.0	ug/L	132563	3	11.46	1643370	50.0
Benzene, 1-methyl...	12.03	3.0	ug/L	97939	3	11.46	1643370	50.0
o-Cymene	12.12	9.1	ug/L	298516	3	11.46	1643370	50.0
Benzene, 1-etheny...	12.33	13.5	ug/L	444067	3	11.46	1643370	50.0
Benzene, 1-ethyl-...	12.53	3.9	ug/L	128748	3	11.46	1643370	50.0
Bicyclo[2.2.1]hep...	12.59	5.4	ug/L	176223	3	11.46	1643370	50.0
Benzene, 1,2,4,5-...	12.63	7.4	ug/L	241967	3	11.46	1643370	50.0
Indan, 1-methyl-	12.94	9.1	ug/L	299718	3	11.46	1643370	50.0
Benzene, 2-etheny...	13.10	22.8	ug/L	748431	3	11.46	1643370	50.0
Benzene, 1-butynyl-	13.16	3.5	ug/L	115179	3	11.46	1643370	50.0
Naphthalene, 1,2,...	13.27	6.8	ug/L	225003	3	11.46	1643370	50.0
Bicyclo[2.2.1]hep...	13.38	8.3	ug/L	272912	3	11.46	1643370	50.0
1H-Indene, 2,3-di...	13.43	3.5	ug/L	115372	3	11.46	1643370	50.0