LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU013020\
Data File : VU036643.D
Acq On : 31 Jan 2020 01:52
Operator : JC/MD
Sample : L1324-15
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT70

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\SOMULM012920WMA.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	1.488	34	46	54	rBV2	13197	23237	0.02%	0.006%
2	1.607	76	83	100	rVB	77186	102780	0.07%	0.026%
3	1.890	164	171	183	rVB	25379	34870	0.02%	0.009%
4	2.543	361	374	395	rVB	152415	252613	0.17%	0.064%
5	2.646	395	406	409	rBV3	1764	3163	0.00%	0.001%
6	2.986	506	512	513	rBV2	877	778	0.00%	0.000%
7	3.057	528	534	536	rBV3	1082	1117	0.00%	0.000%
8	3.218	567	584	621	rBV	26102	75622	0.05%	0.019%
9	3.453	653	657	663	rVB2	377	422	0.00%	0.000%
10	3.700	729	734	743	rVV3	435	526	0.00%	0.000%
11	4.710	1022	1048	1098	rBV5	40537	200160	0.13%	0.051%
12	5.105	1154	1171	1195	rVV	128440	316877	0.21%	0.081%
13	5.755	1352	1373	1398	rBV2	351652	856415	0.56%	0.218%
14	6.147	1491	1495	1501	rBV2	355	419	0.00%	0.000%
15	6.282	1522	1537	1562	rBV	316734	640495	0.42%	0.163%
16	6.559	1611	1623	1635	rVB2	9759	17807	0.01%	0.005%
17	6.642	1642	1649	1652	rBV3	547	629	0.00%	0.000%
18	6.726	1661	1675	1697	rBV	182516	382832	0.25%	0.098%
19	7.221	1817	1829	1843	rVB6	2631	5829	0.00%	0.001%
20	7.600	1932	1947	1969	rBV	103816	203389	0.13%	0.052%
21	7.716	1976	1983	1984	rBV2	836	774	0.00%	0.000%
22	7.822	2004	2016	2022	rBV4	1925	3393	0.00%	0.001%
23	7.928	2035	2049	2061	rBV	413725	762975	0.50%	0.194%
24	7.999	2061	2071	2090	rVV	315537	572431	0.37%	0.146%
25	8.131	2104	2112	2113	rBV3	755	783	0.00%	0.000%
26	8.150	2113	2118	2125	rVV3	2251	3014	0.00%	0.001%
27	8.211	2125	2137	2156	rVV2	67817	135867	0.09%	0.035%
28	8.301	2157	2165	2176	rVB2	1802	3007	0.00%	0.001%
29	8.581	2239	2252	2267	rBV	140585	241040	0.16%	0.061%
30	8.694	2269	2287	2307	rBV	242192	529699	0.35%	0.135%
31	8.825	2322	2328	2340	rVB6	1638	2395	0.00%	0.001%
32	8.887	2340	2347	2357	rVB4	2333	3933	0.00%	0.001%
33	8.951	2357	2367	2376	rBV6	3151	5691	0.00%	0.001%
34	9.076	2398	2406	2417	rBV6	2610	5471	0.00%	0.001%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU013020\
Data File : VU036643.D
Acq On : 31 Jan 2020 01:52
Operator : JC/MD
Sample : L1324-15
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT70

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\SOMULM012920WMA.M
Title : VOC Analysis

35	9.144	2420	2427	2433	rBV5	1893	2864	0.00%	0.001%
36	9.192	2434	2442	2447	rVV4	3824	6510	0.00%	0.002%
37	9.234	2448	2455	2465	rVV4	6358	11100	0.01%	0.003%
38	9.288	2466	2472	2478	rVB7	1464	1783	0.00%	0.000%
39	9.356	2483	2493	2503	rVB3	11642	18574	0.01%	0.005%
40	9.449	2508	2522	2539	rBV	422209	821099	0.54%	0.209%
41	9.600	2554	2569	2587	rBV	3567275	6357499	4.16%	1.619%
42	9.723	2592	2607	2646	rVB	4468044	8318381	5.44%	2.119%
43	9.896	2646	2661	2677	rBV8	17211	44976	0.03%	0.011%
44	9.980	2681	2687	2696	rVB7	4676	7318	0.00%	0.002%
45	10.051	2698	2709	2711	rBV6	15657	25326	0.02%	0.006%
46	10.137	2721	2736	2761	rVB5	4434309	9909117	6.48%	2.524%
47	10.272	2769	2778	2794	rBV4	39737	95738	0.06%	0.024%
48	10.382	2805	2812	2819	rBV5	34121	55222	0.04%	0.014%
49	10.514	2843	2853	2862	rBV	108557	181871	0.12%	0.046%
50	10.719	2911	2917	2925	rBV6	14794	20828	0.01%	0.005%
51	10.790	2928	2939	2948	rBV	313567	541138	0.35%	0.138%
52	10.854	2954	2959	2971	rVB	213260	328698	0.21%	0.084%
53	10.932	2974	2983	3000	rBV	276846	467285	0.31%	0.119%
54	11.025	3001	3012	3017	rBV	1433471	2454423	1.60%	0.625%
55	11.115	3032	3040	3066	rVB	2732150	4938952	3.23%	1.258%
56	11.340	3093	3110	3122	rBV2	1098754	2702131	1.77%	0.688%
57	11.436	3134	3140	3145	rBV	89203	114612	0.07%	0.029%
58	11.494	3146	3158	3169	rVV	7977228	12679305	8.29%	3.230%
59	11.565	3169	3180	3189	rVV	7513015	11780366	7.70%	3.001%
60	11.613	3189	3195	3206	rVB	2433348	3555309	2.32%	0.906%
61	11.761	3226	3241	3252	rBV4	233780	579033	0.38%	0.147%
62	11.838	3254	3265	3276	rVB3	603426	1068117	0.70%	0.272%
63	11.919	3279	3290	3299	rVV	2829030	4547074	2.97%	1.158%
64	11.973	3299	3307	3318	rVB	2346417	3512774	2.30%	0.895%
65	12.118	3341	3352	3361	rBV	1959221	3489222	2.28%	0.889%
66	12.218	3373	3383	3396	rVB3	1415147	2464017	1.61%	0.628%
67	12.346	3410	3423	3435	rVB2	30698359	56448673	36.90%	14.379%
68	12.491	3459	3468	3470	rBV	405245	544940	0.36%	0.139%
69	12.562	3483	3490	3495	rBV	707729	1066329	0.70%	0.272%
70	12.652	3509	3518	3528	rVB2	630978	1150579	0.75%	0.293%
71	12.771	3546	3555	3565	rVB	2015723	3202058	2.09%	0.816%

LSC Area Percent Report

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Acq On : 31 Jan 2020 01:52
Operator : JC/MD
Sample : L1324-15
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT70

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\SOMULM012920WMA.M
Title : VOC Analysis

72	12.829	3566	3573	3588	rVB2	388048	628043	0.41%	0.160%
73	12.948	3603	3610	3616	rBV3	268551	417132	0.27%	0.106%
74	12.993	3618	3624	3632	rVV	694779	983882	0.64%	0.251%
75	13.050	3632	3642	3655	rVV3	2140116	4182023	2.73%	1.065%
76	13.173	3671	3680	3689	rBV	1580334	2795089	1.83%	0.712%
77	13.314	3716	3724	3736	rVB2	699356	1112970	0.73%	0.284%
78	13.472	3762	3773	3784	rVV3	2297456	4200345	2.75%	1.070%
79	13.542	3785	3795	3812	rVB	10145336	16326376	10.67%	4.159%
80	13.652	3815	3829	3843	rVB	10197873	17764451	11.61%	4.525%
81	13.751	3852	3860	3871	rVB	1513760	2468360	1.61%	0.629%
82	14.147	3960	3983	3997	rVB7	39347535	152959465	100.00%	38.963%
83	14.240	4004	4012	4023	rVB	1650187	2441888	1.60%	0.622%
84	14.693	4145	4153	4162	rBV2	469773	789645	0.52%	0.201%
85	15.243	4311	4324	4349	rVB	12081109	19398477	12.68%	4.941%
86	15.427	4369	4381	4403	rVB	4635231	7384349	4.83%	1.881%
87	15.967	4539	4549	4561	rVB	673914	1037338	0.68%	0.264%
88	16.160	4602	4609	4617	rBV	161060	211344	0.14%	0.054%
89	16.275	4633	4645	4666	rVB	871924	1542315	1.01%	0.393%
90	16.420	4680	4690	4697	rBV	900928	1466899	0.96%	0.374%
91	16.459	4698	4702	4718	rVB	536596	743478	0.49%	0.189%
92	16.552	4722	4731	4743	rVB	335707	515334	0.34%	0.131%
93	16.648	4745	4761	4782	rVB	323376	756425	0.49%	0.193%
94	16.796	4799	4807	4825	rVB	199667	321028	0.21%	0.082%
95	16.893	4826	4837	4851	rBV	1241584	1996110	1.30%	0.508%
96	16.989	4861	4867	4878	rVB2	162036	246520	0.16%	0.063%
97	17.111	4897	4905	4919	rVB2	191584	391357	0.26%	0.100%
98	17.388	4984	4991	4996	rBV2	120032	182903	0.12%	0.047%
99	17.549	5034	5041	5053	rVB2	146783	260151	0.17%	0.066%
100	17.616	5055	5062	5071	rVB2	98766	153586	0.10%	0.039%

Sum of corrected areas: 392580977

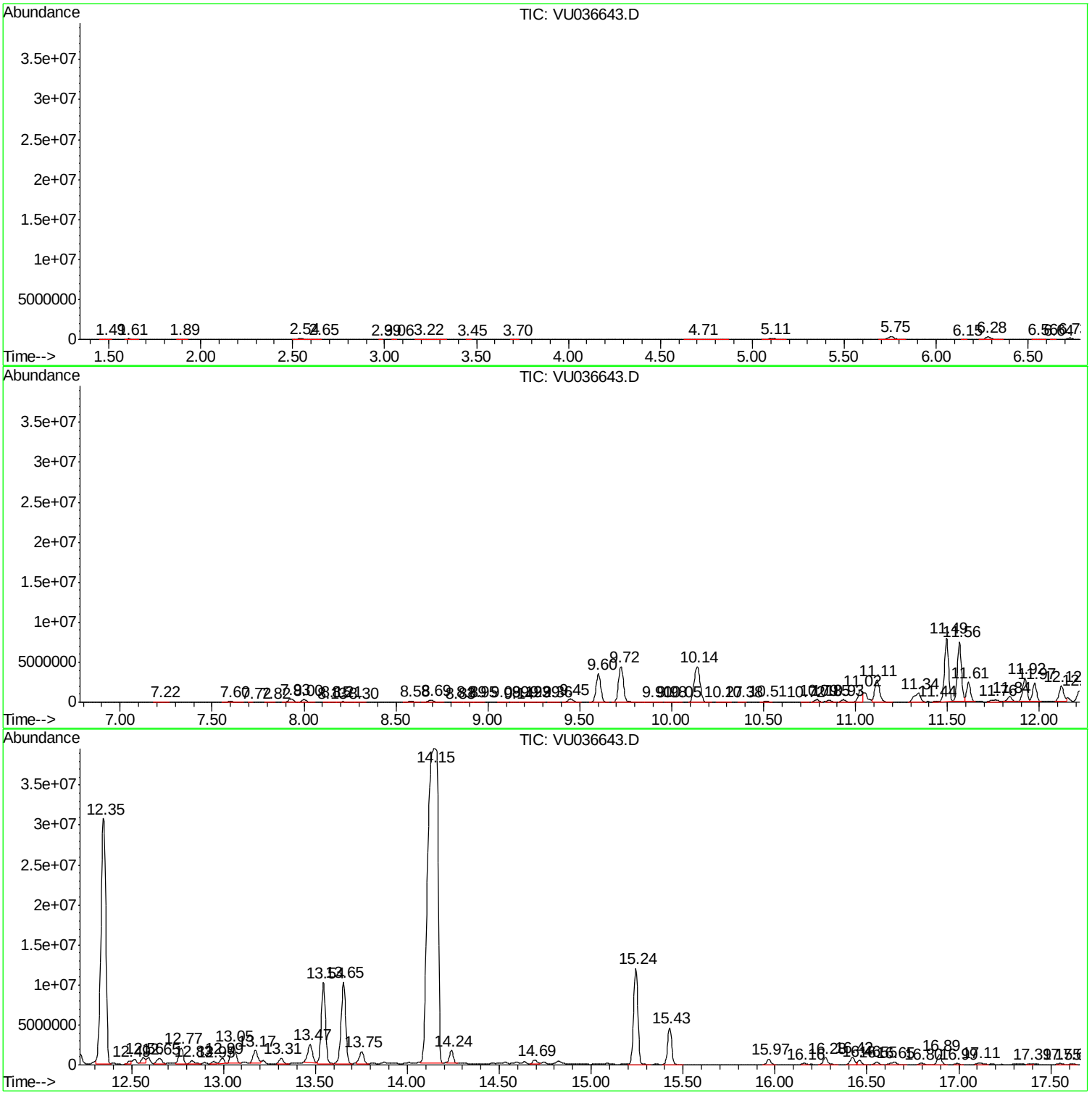
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU013020\
Data File : VU036643.D
Acq On : 31 Jan 2020 01:52
Operator : JC/MD
Sample : L1324-15
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAT70

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.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\VU013020\
Data File : VU036643.D
Acq On : 31 Jan 2020 01:52
Operator : JC/MD
Sample : L1324-15
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT70

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

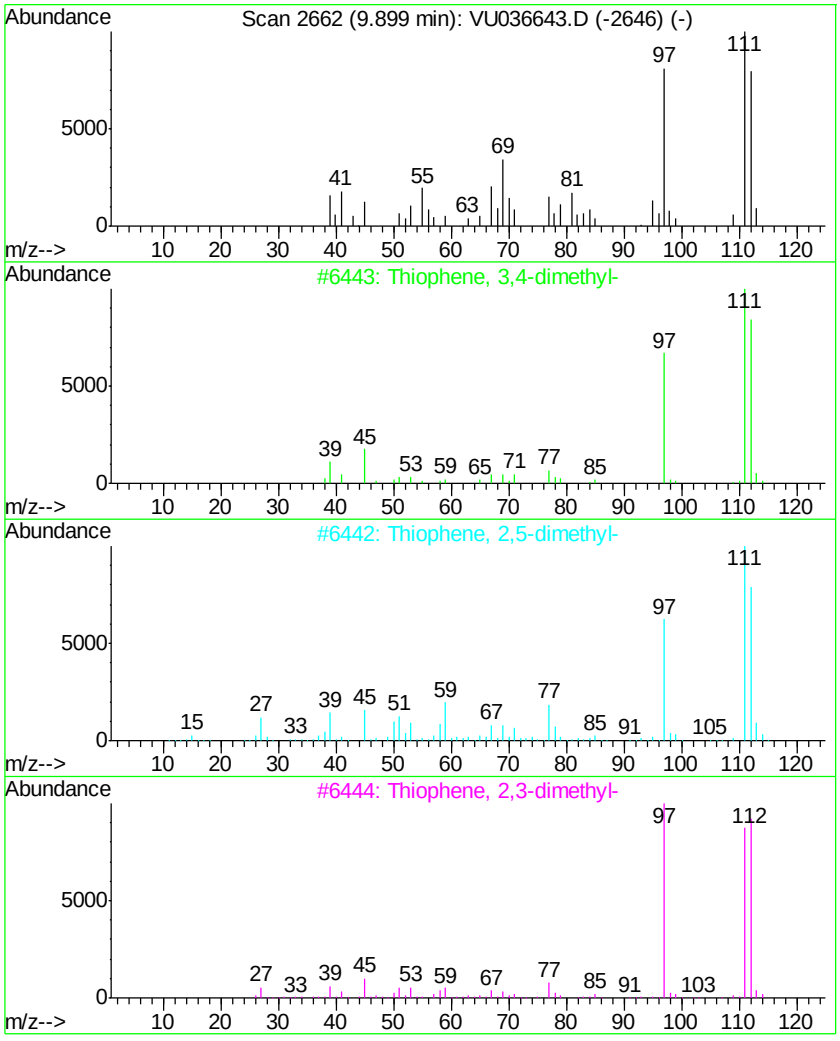
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

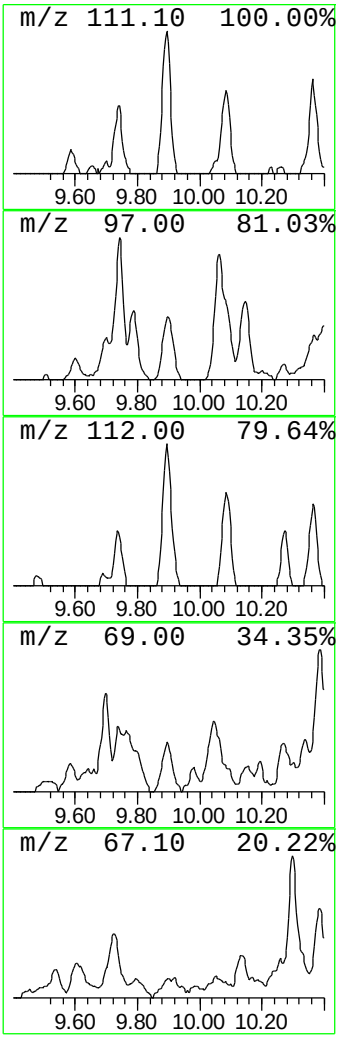
****

Peak Number 3 Thiophene, 3,4-dimethyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	2.74 ug/L	44976	Chlorobenzene-d5	9.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 3,4-dimethyl-	112	C6H8S	000632-15-5	78
2	Thiophene, 2,5-dimethyl-	112	C6H8S	000638-02-8	78
3	Thiophene, 2,3-dimethyl-	112	C6H8S	000632-16-6	78
4	Thiophene, 2-ethyl-	112	C6H8S	000872-55-9	50
5	Sorbic Acid	112	C6H8O2	000110-44-1	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036643.D
Acq On : 31 Jan 2020 01:52
Operator : JC/MD
Sample : L1324-15
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT70

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

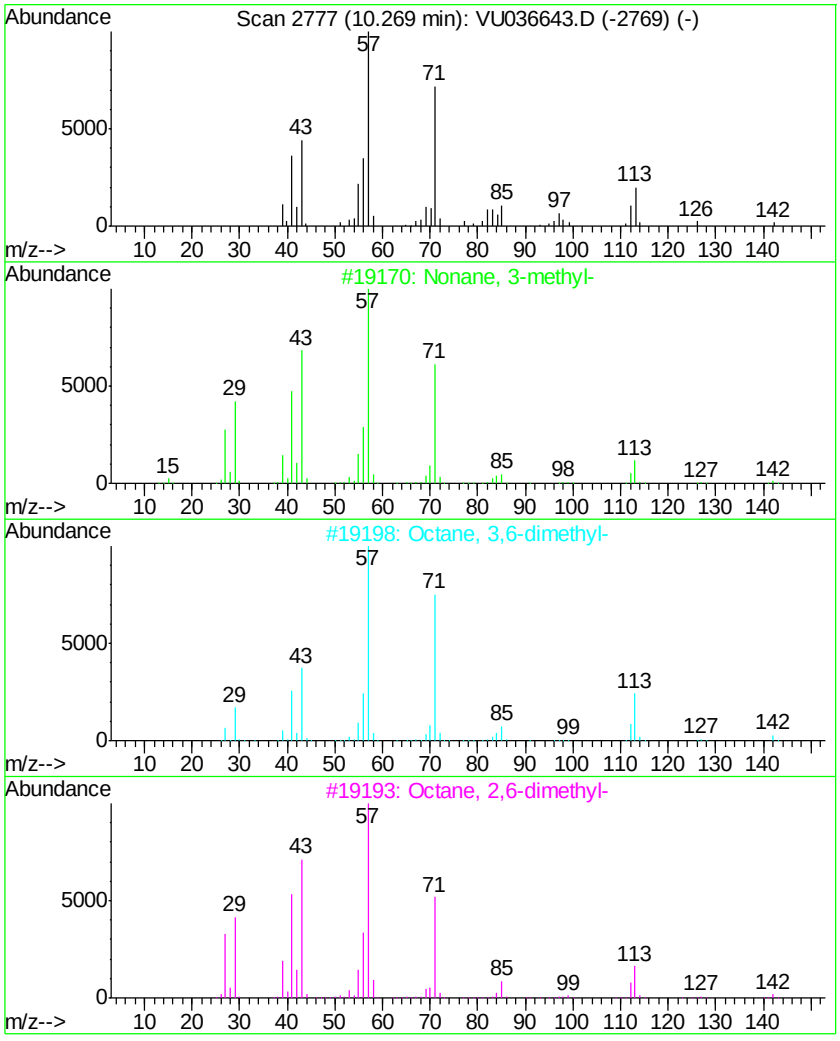
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

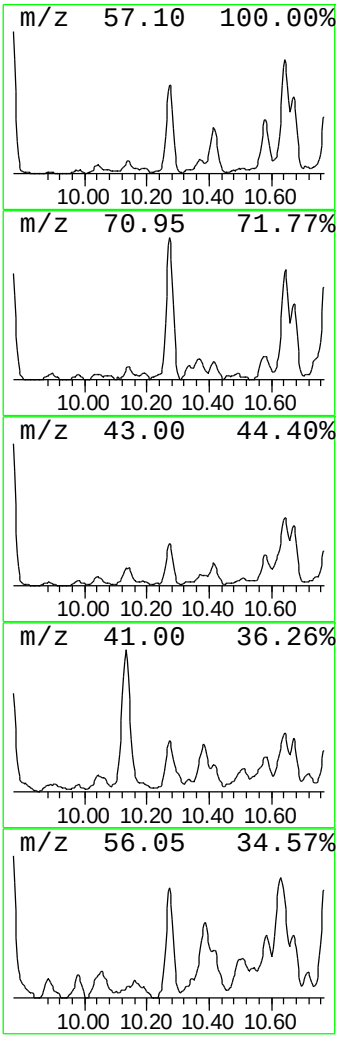
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	5.83 ug/L	95738	Chlorobenzene-d5	9.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	91
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036643.D
Acq On : 31 Jan 2020 01:52
Operator : JC/MD
Sample : L1324-15
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT70

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

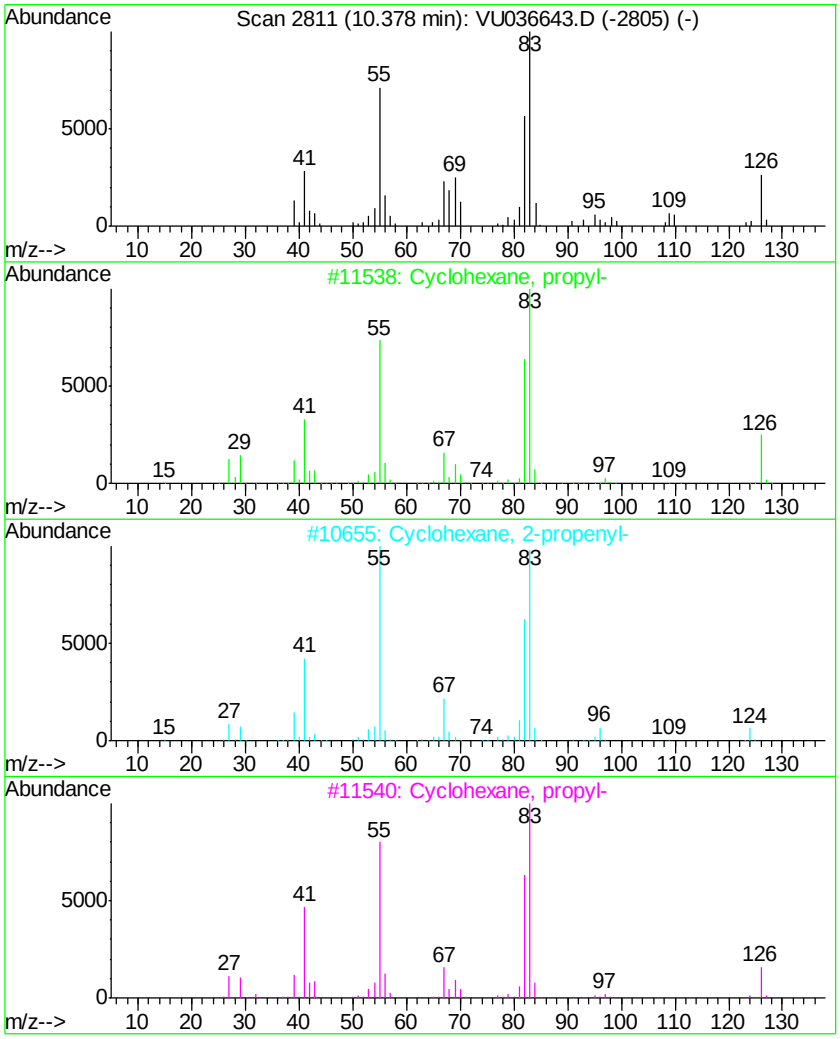
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

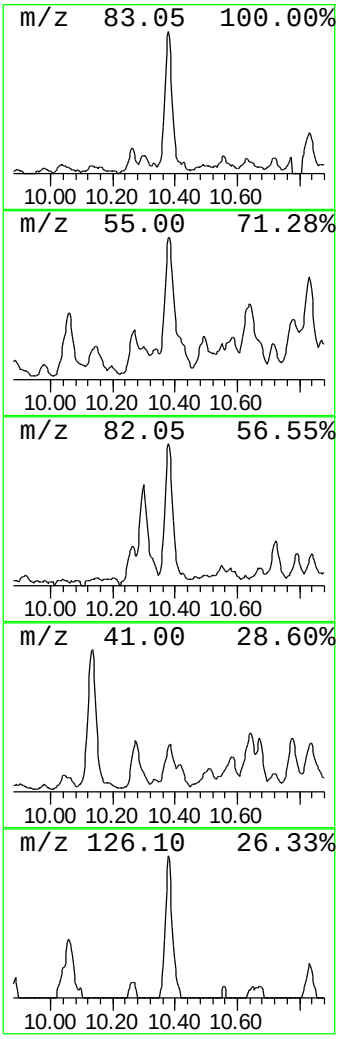
****

Peak Number 5 (DEL) Alkane: Cyclic10.38 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	3.36 ug/L	55222	Chlorobenzene-d5	9.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	81
2	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	64
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036643.D
Acq On : 31 Jan 2020 01:52
Operator : JC/MD
Sample : L1324-15
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT70

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

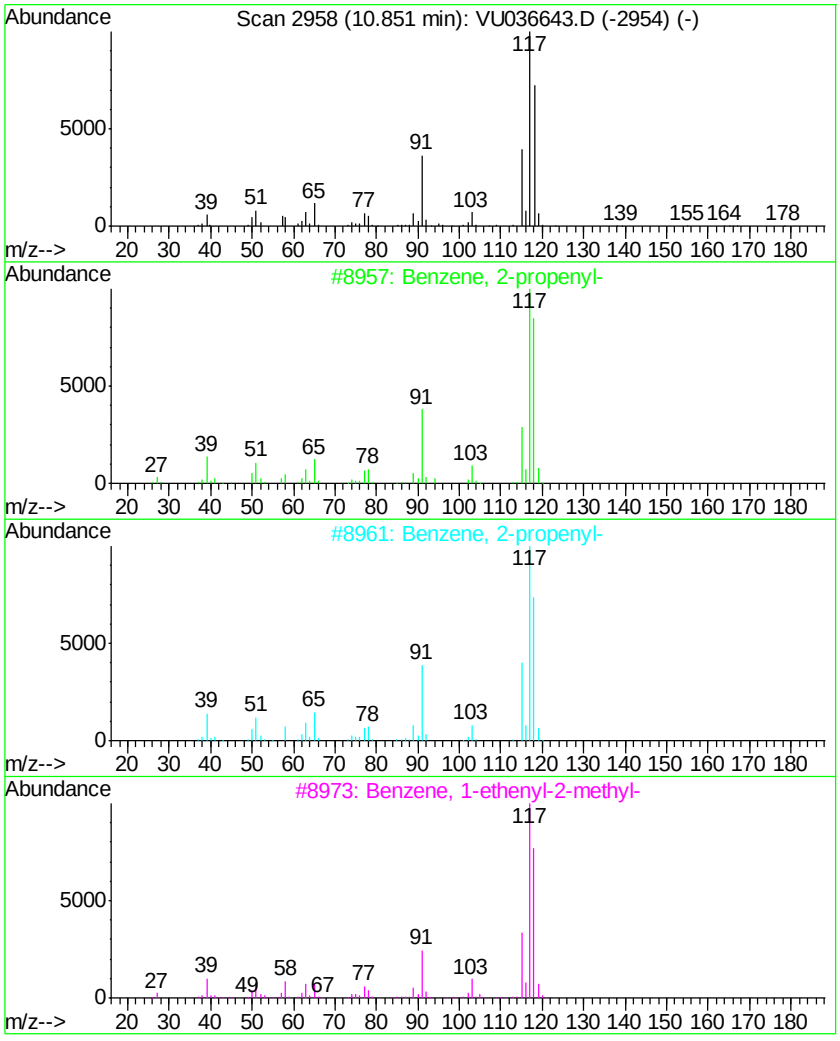
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

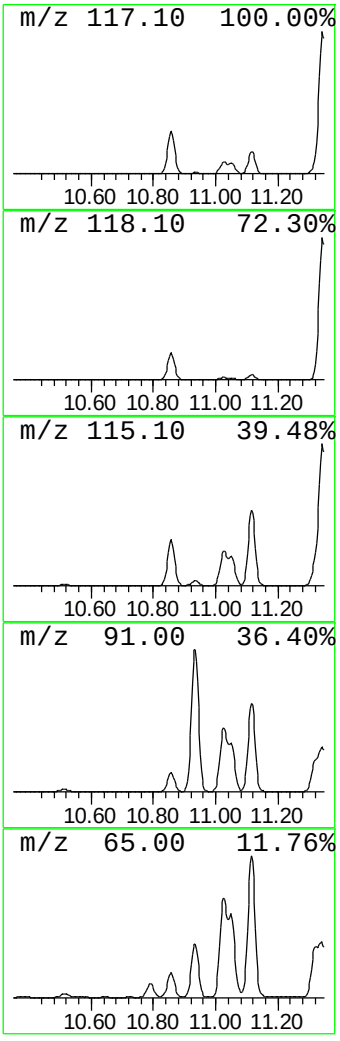
****

Peak Number 6 Benzene, 2-propenyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	15.39 ug/L	328698	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	95
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	93
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	93
5	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036643.D
Acq On : 31 Jan 2020 01:52
Operator : JC/MD
Sample : L1324-15
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT70

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

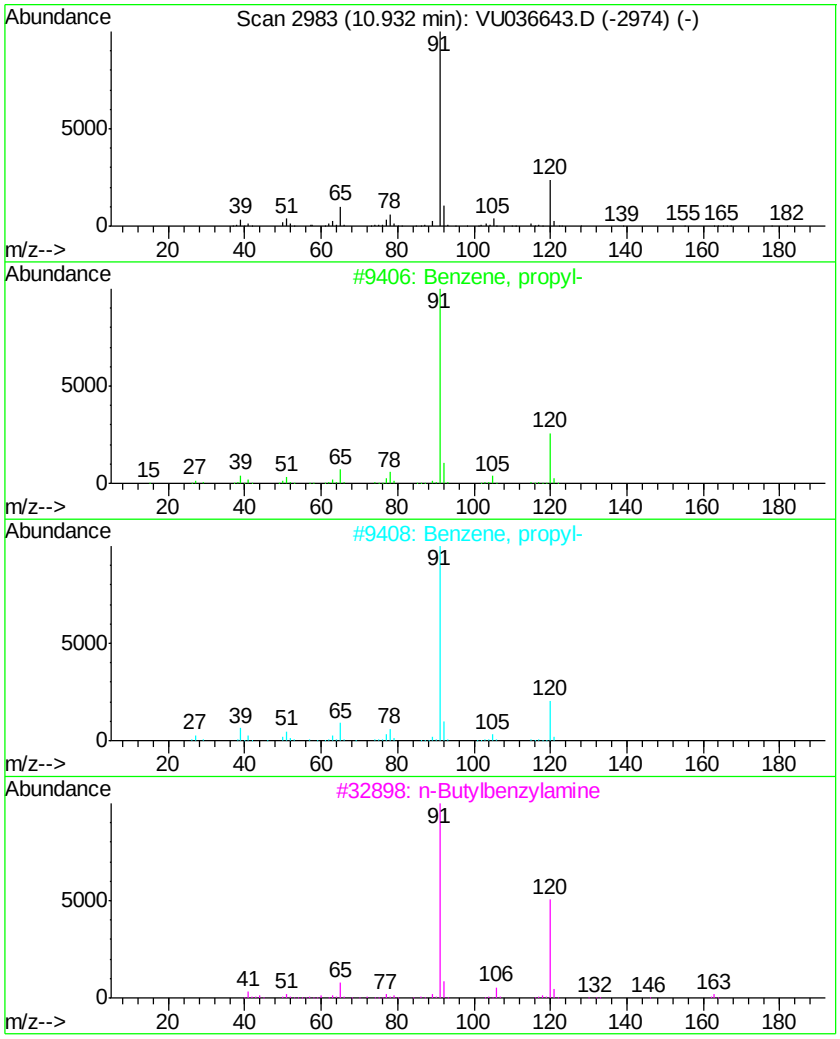
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

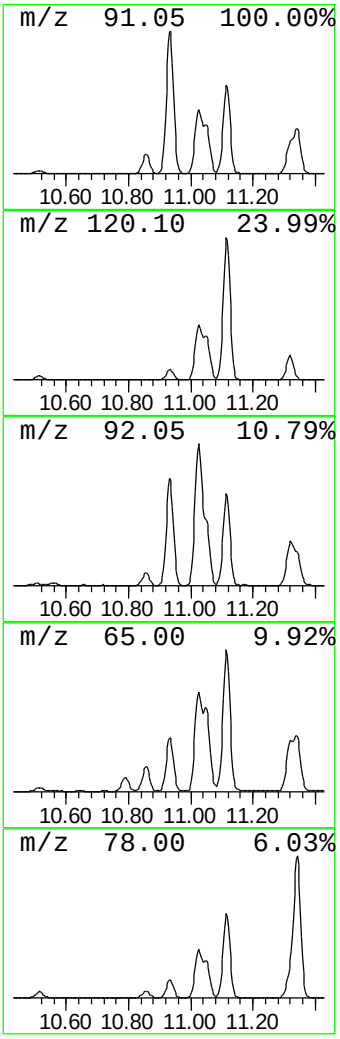
****

Peak Number 7 Benzene, propyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	21.87 ug/L	467285	1,4-Dichlorobenzene-d4	11.84

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	91
3	n-Butylbenzylamine	163	C11H17N	002403-22-7	80
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72
5	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036643.D
Acq On : 31 Jan 2020 01:52
Operator : JC/MD
Sample : L1324-15
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT70

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

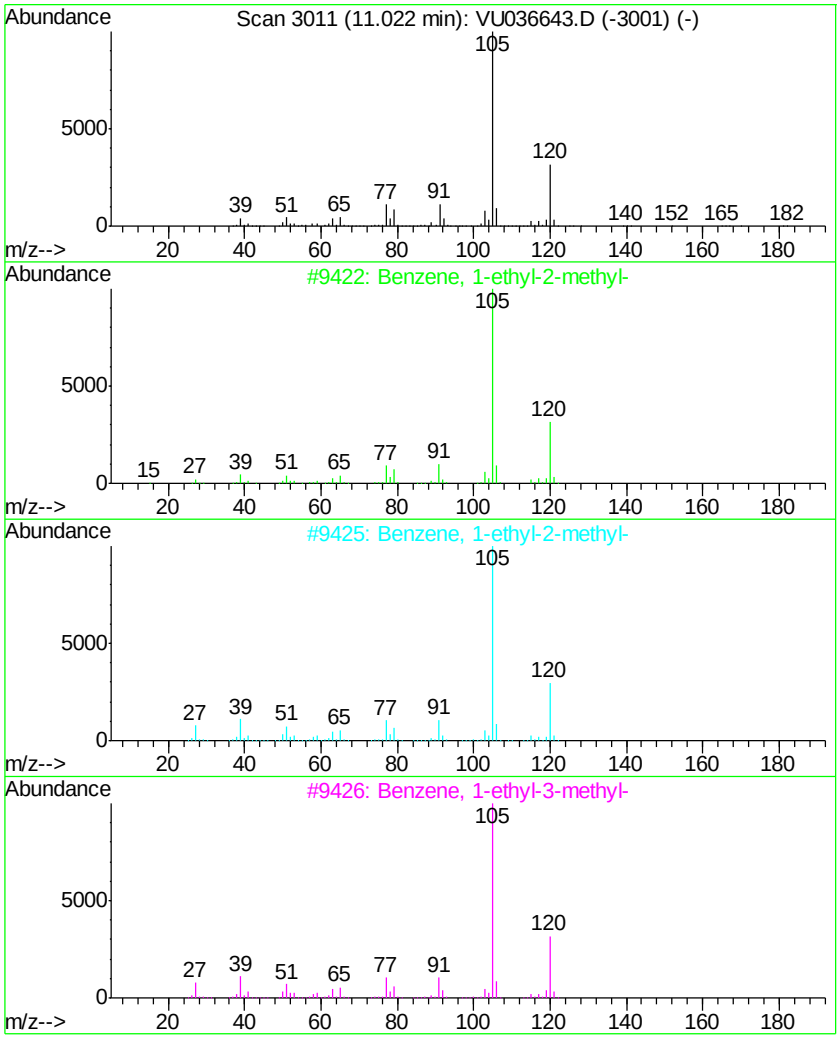
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

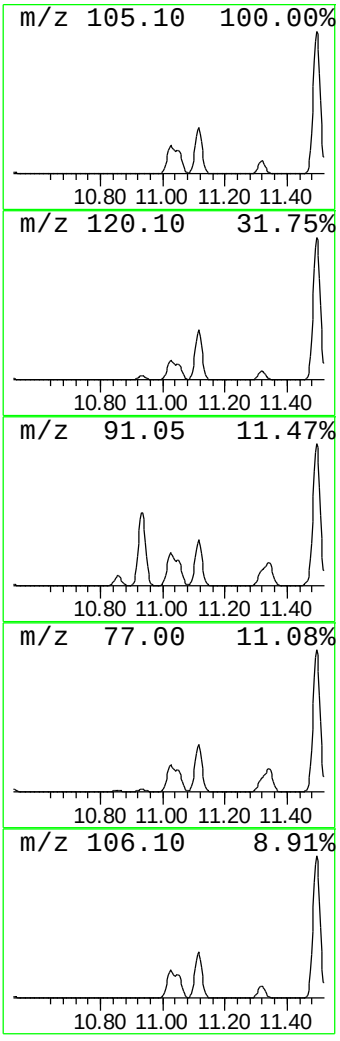
****

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	114.90 ug/L	2454420	1,4-Dichlorobenzene-d4	11.84

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	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
5	Mesitylene	120	C9H12	000108-67-8	91





Library Search Compound Report

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Data File : VU036643.D
Acq On : 31 Jan 2020 01:52
Operator : JC/MD
Sample : L1324-15
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT70

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

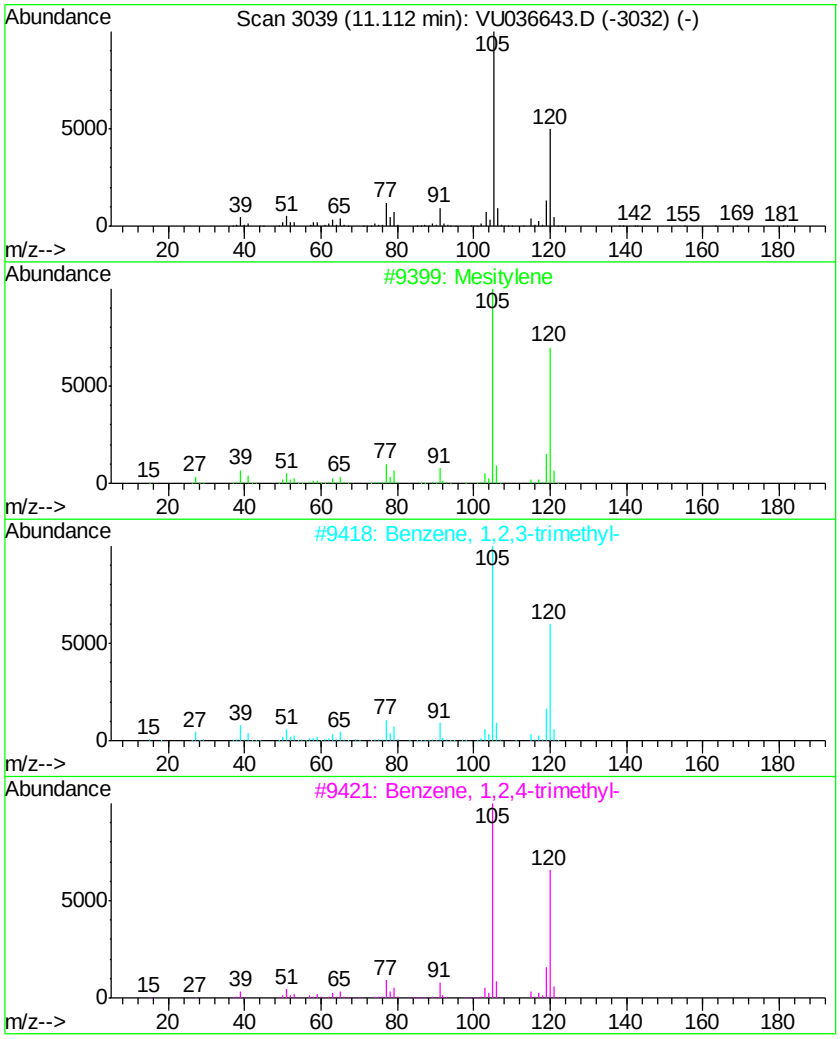
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

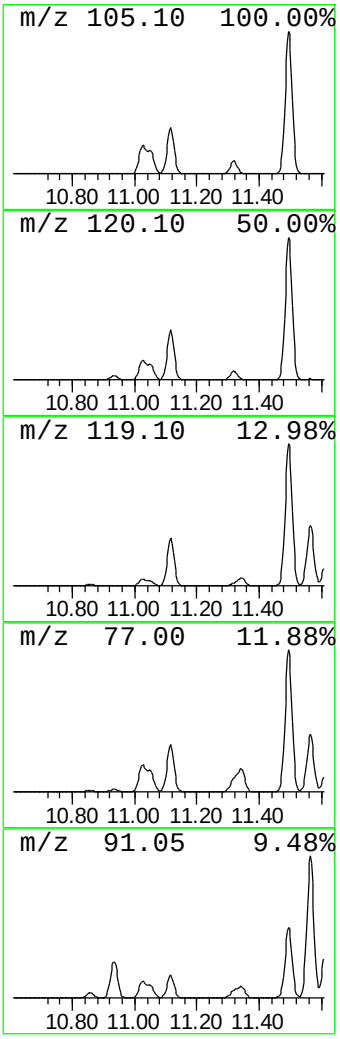
****

Peak Number 9 Mesitylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	231.20 ug/L	4938950	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	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





Library Search Compound Report

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Data File : VU036643.D
Acq On : 31 Jan 2020 01:52
Operator : JC/MD
Sample : L1324-15
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT70

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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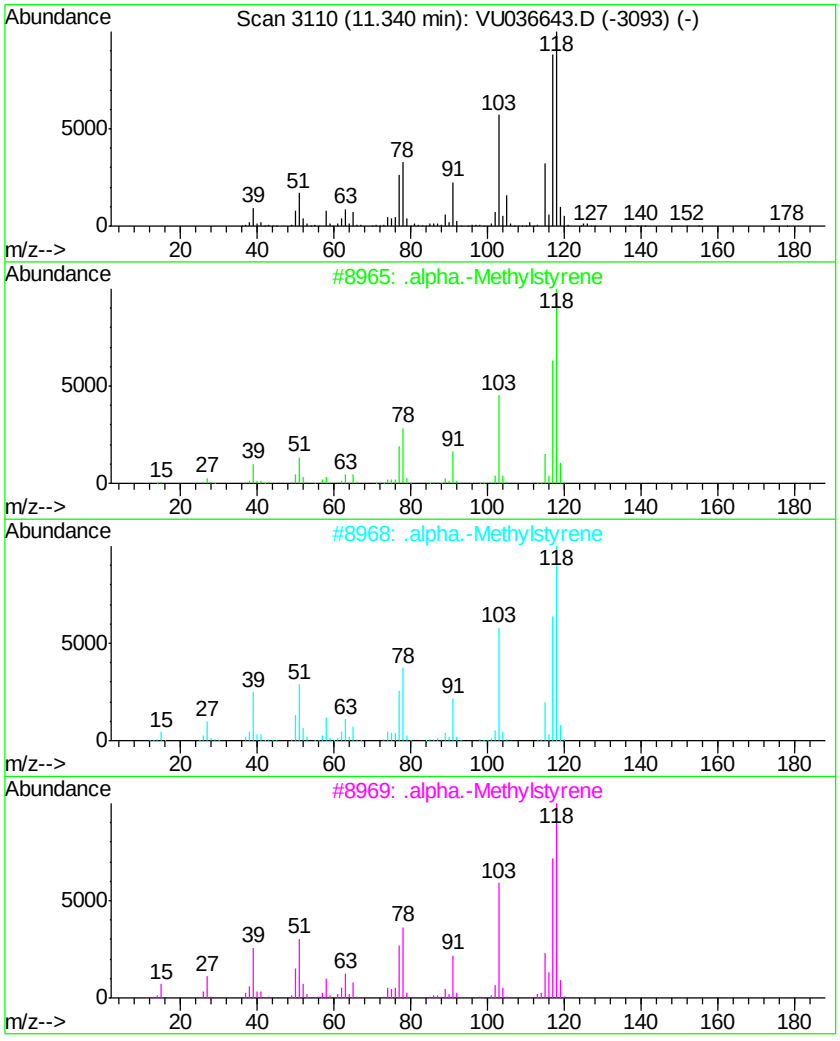
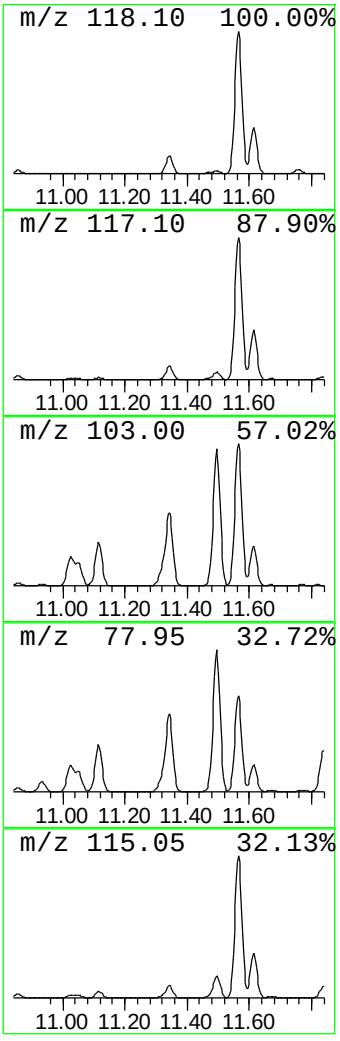
Peak Number 10 .alpha.-Methylstyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	126.49 ug/L	2702130	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Methylstyrene	118	C9H10	000098-83-9	96
2	.alpha.-Methylstyrene	118	C9H10	000098-83-9	95
3	.alpha.-Methylstyrene	118	C9H10	000098-83-9	91
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	60
5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036643.D
Acq On : 31 Jan 2020 01:52
Operator : JC/MD
Sample : L1324-15
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT70

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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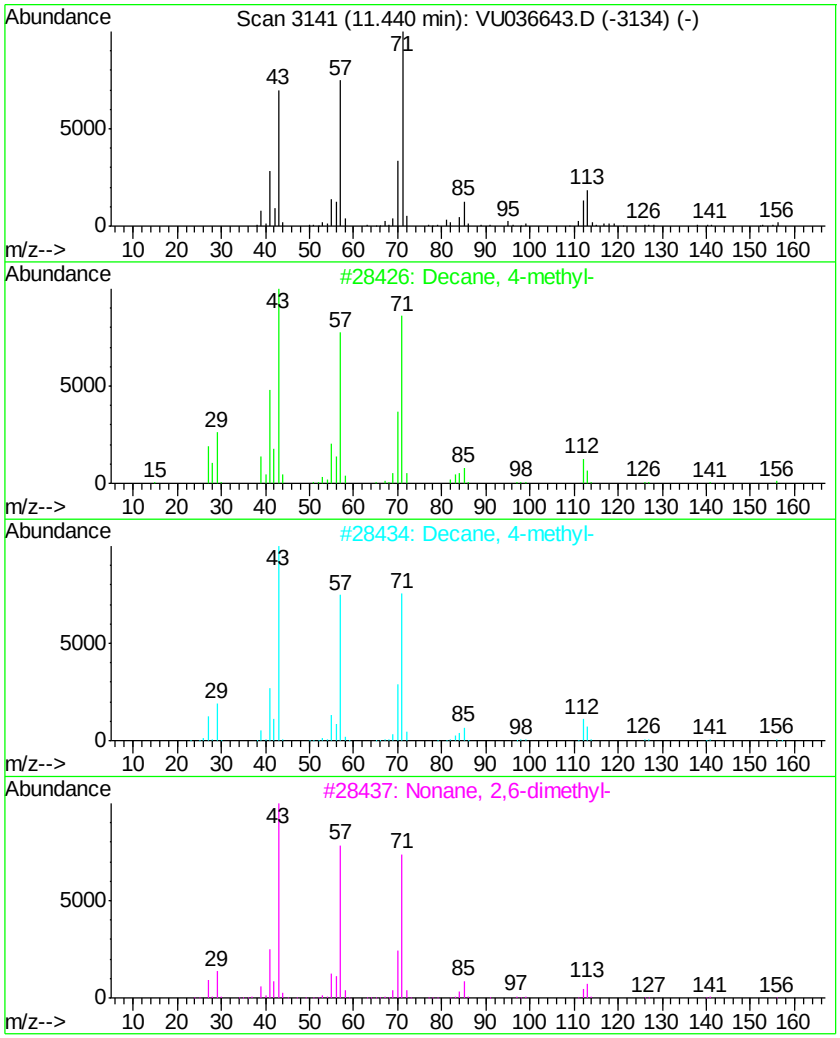
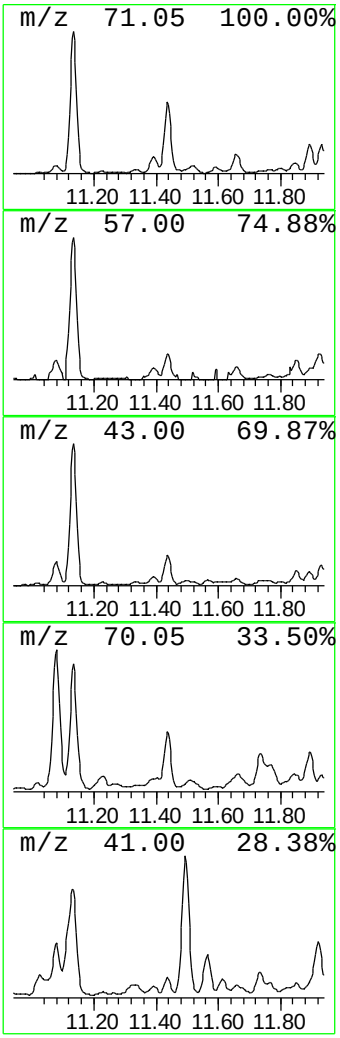
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	5.37 ug/L	114612	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	91
2	Decane, 4-methyl-	156	C11H24	002847-72-5	91
3	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
4	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	72
5	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64





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Acq On : 31 Jan 2020 01:52
Operator : JC/MD
Sample : L1324-15
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT70

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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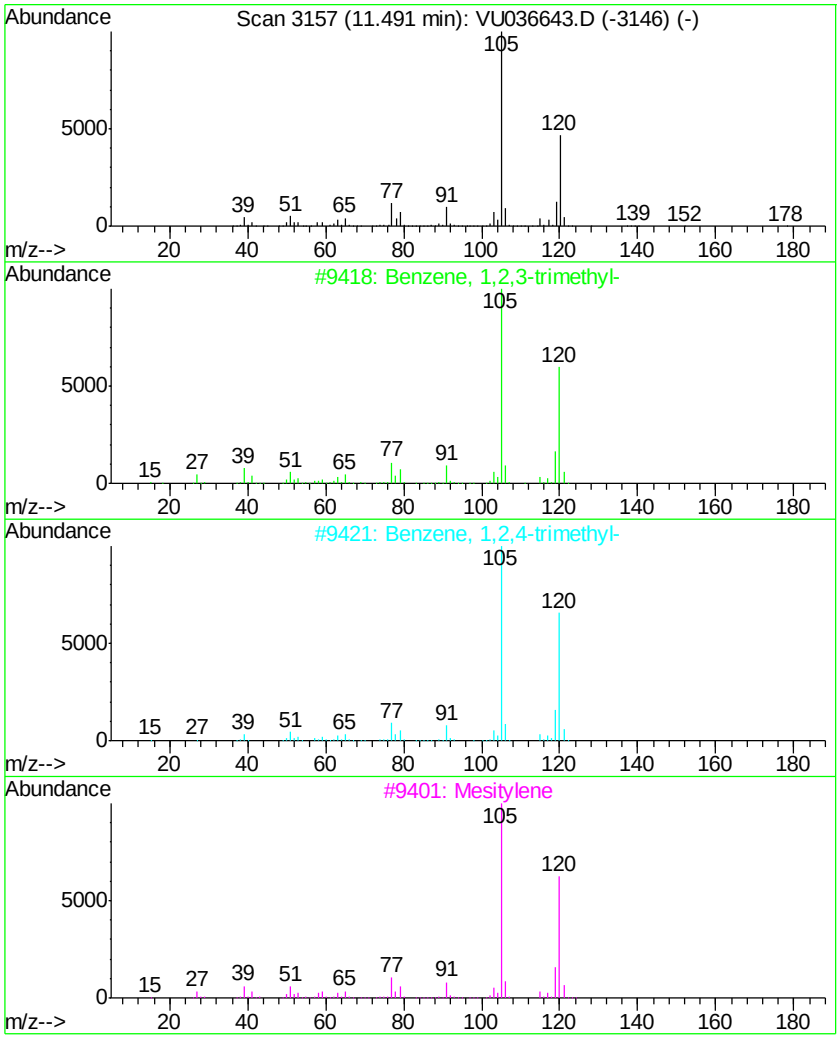
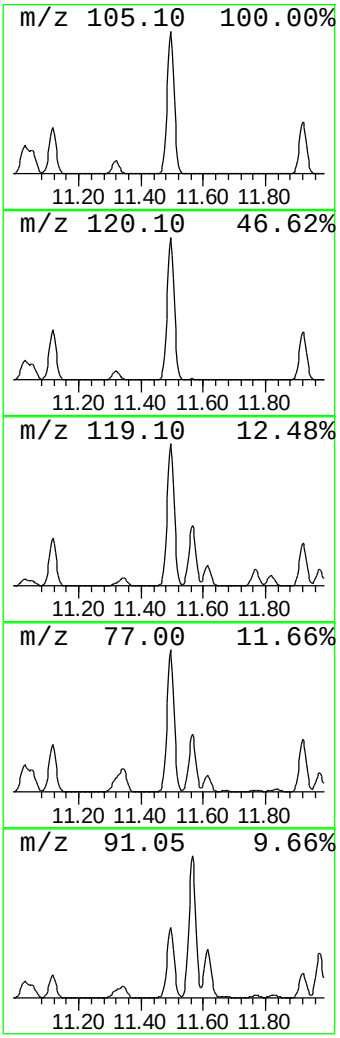
Peak Number 12 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	593.54 ug/L	12679300	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94





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Data File : VU036643.D
Acq On : 31 Jan 2020 01:52
Operator : JC/MD
Sample : L1324-15
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT70

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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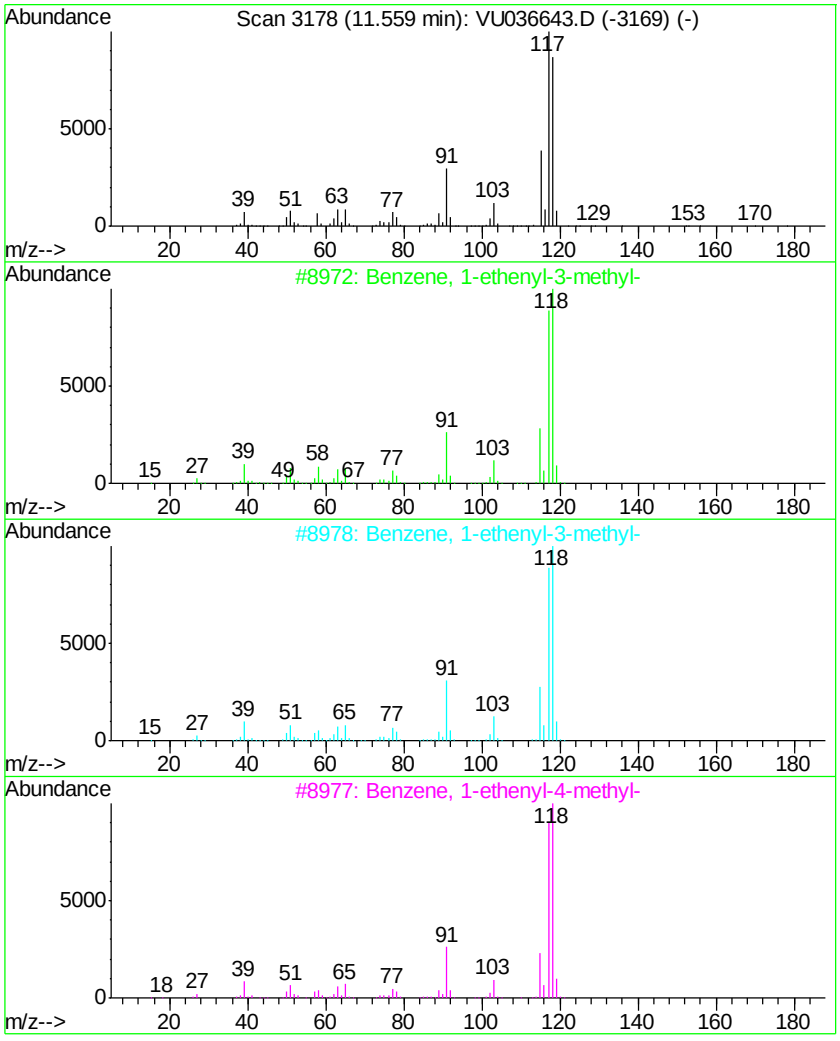
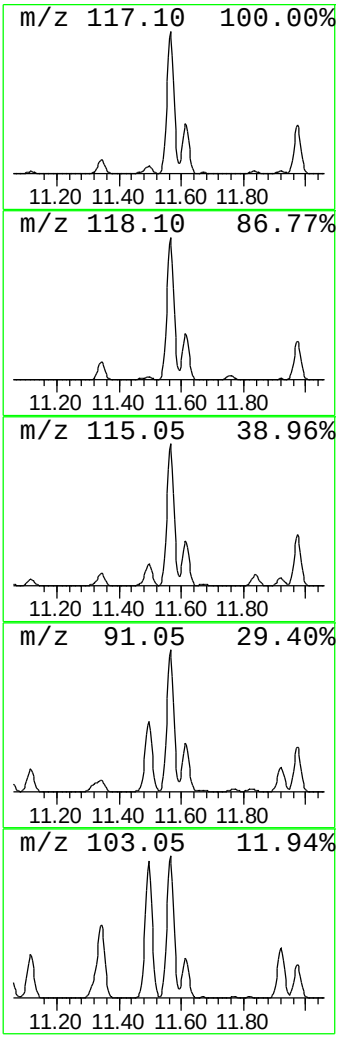
Peak Number 13 Benzene, 1-ethenyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	551.46 ug/L	11780400	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	95
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94





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Data File : VU036643.D
Acq On : 31 Jan 2020 01:52
Operator : JC/MD
Sample : L1324-15
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT70

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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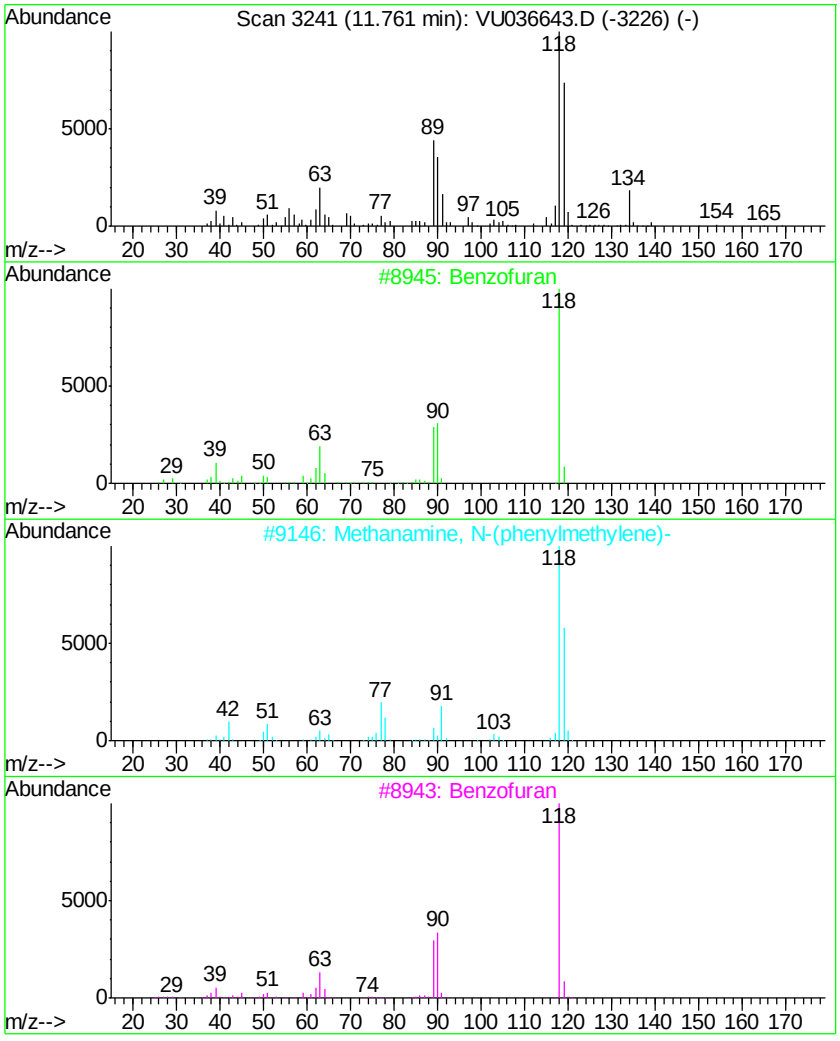
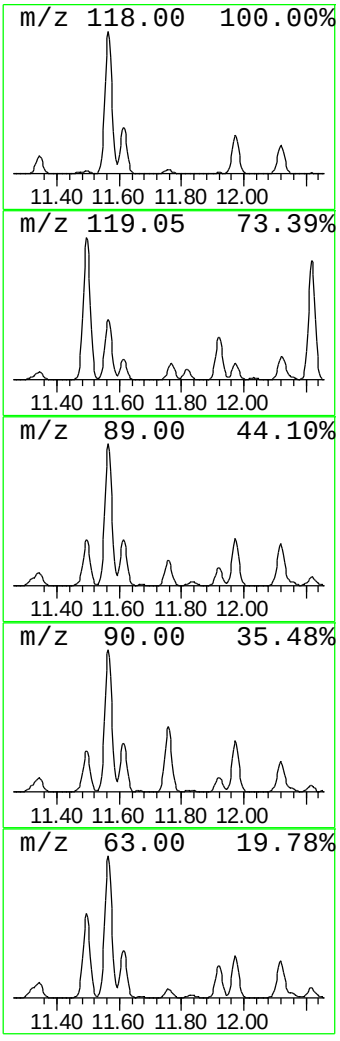
Peak Number 15 Benzofuran Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	27.11 ug/L	579033	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	55
2	Methanamine, N-(phenylmethylene)-	119	C8H9N	000622-29-7	52
3	Benzofuran	118	C8H6O	000271-89-6	43
4	2H-Cyclopenta[d]pyridazine	118	C7H6N2	000270-64-4	43
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	42





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Acq On : 31 Jan 2020 01:52
Operator : JC/MD
Sample : L1324-15
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT70

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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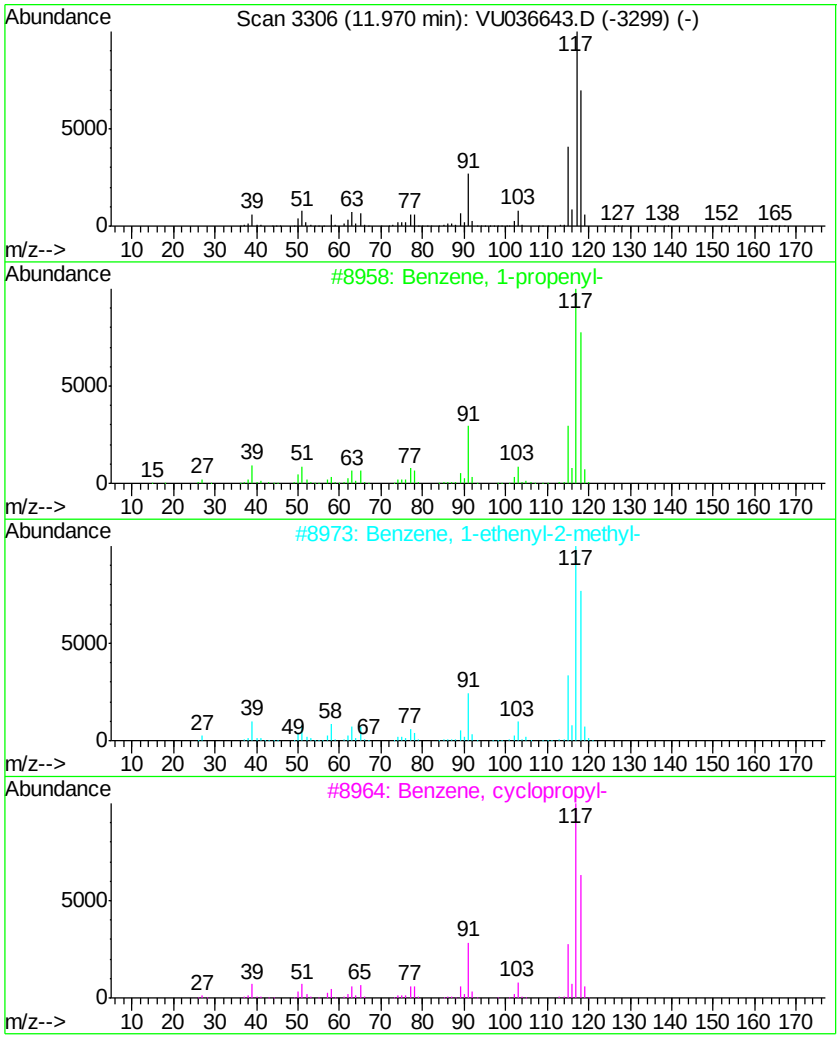
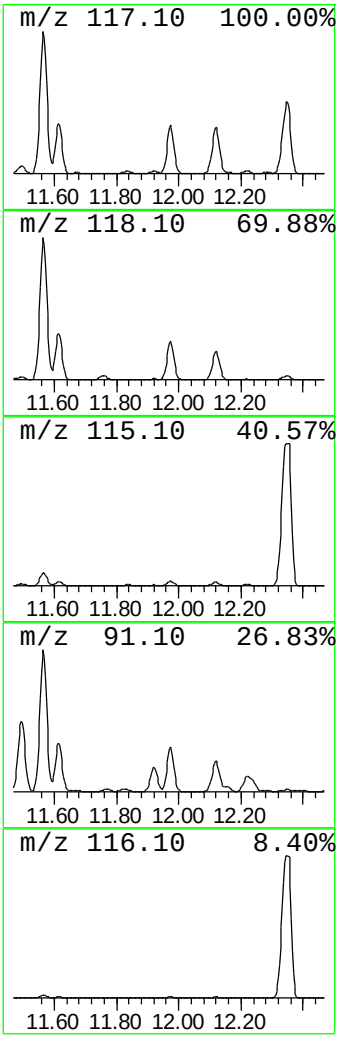
Peak Number 17 Benzene, 1-propenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	164.44 ug/L	3512770	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	95
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
4	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	91
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	89





Library Search Compound Report

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Data File : VU036643.D
Acq On : 31 Jan 2020 01:52
Operator : JC/MD
Sample : L1324-15
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT70

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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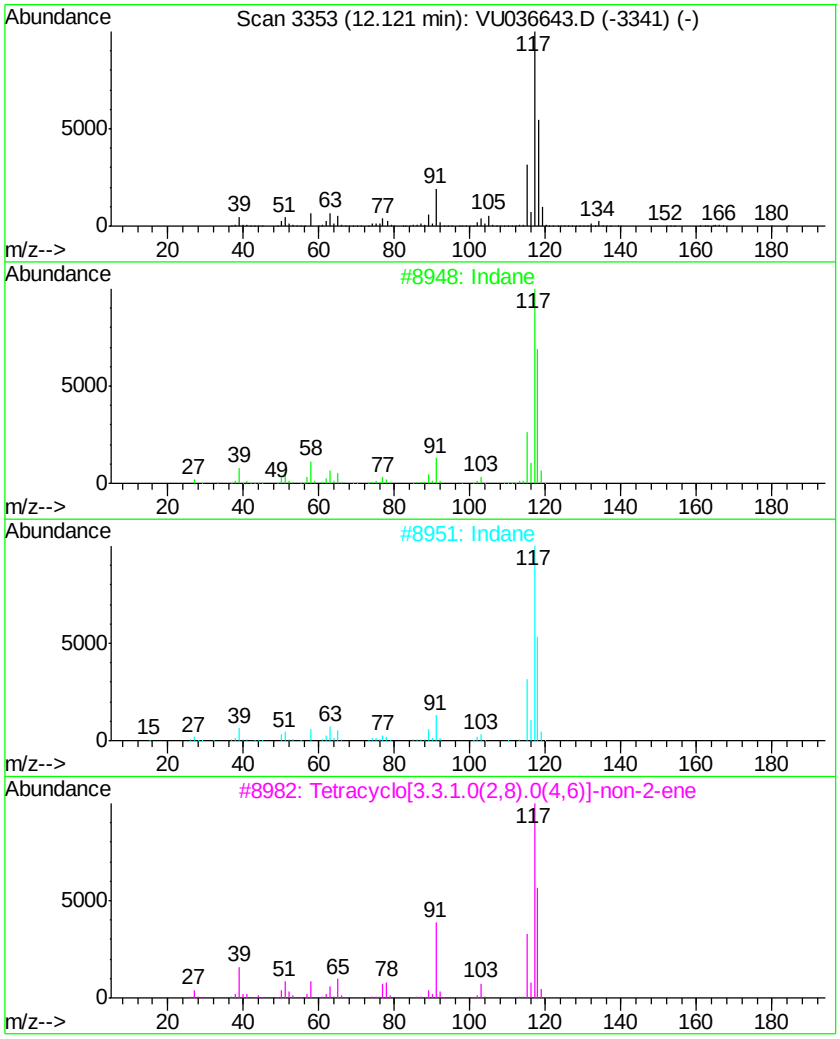
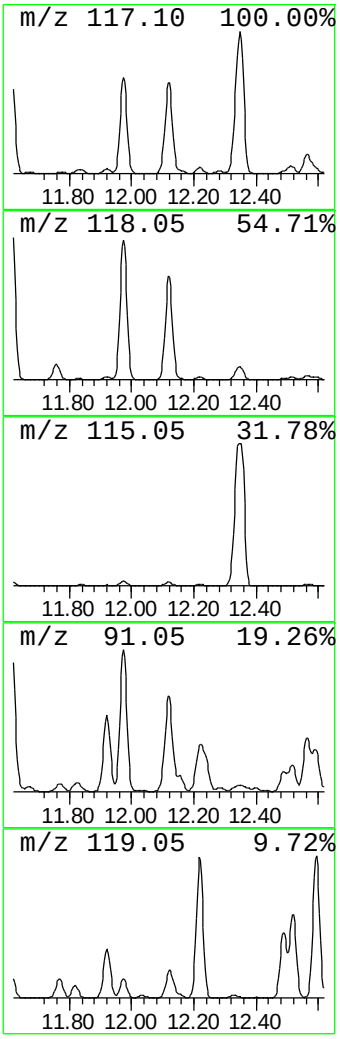
Peak Number 18 Indane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	163.34 ug/L	3489220	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Indane	118	C9H10	000496-11-7	81
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	74
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
5	Deltacyclene	118	C9H10	007785-10-6	64





Library Search Compound Report

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Data File : VU036643.D
Acq On : 31 Jan 2020 01:52
Operator : JC/MD
Sample : L1324-15
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT70

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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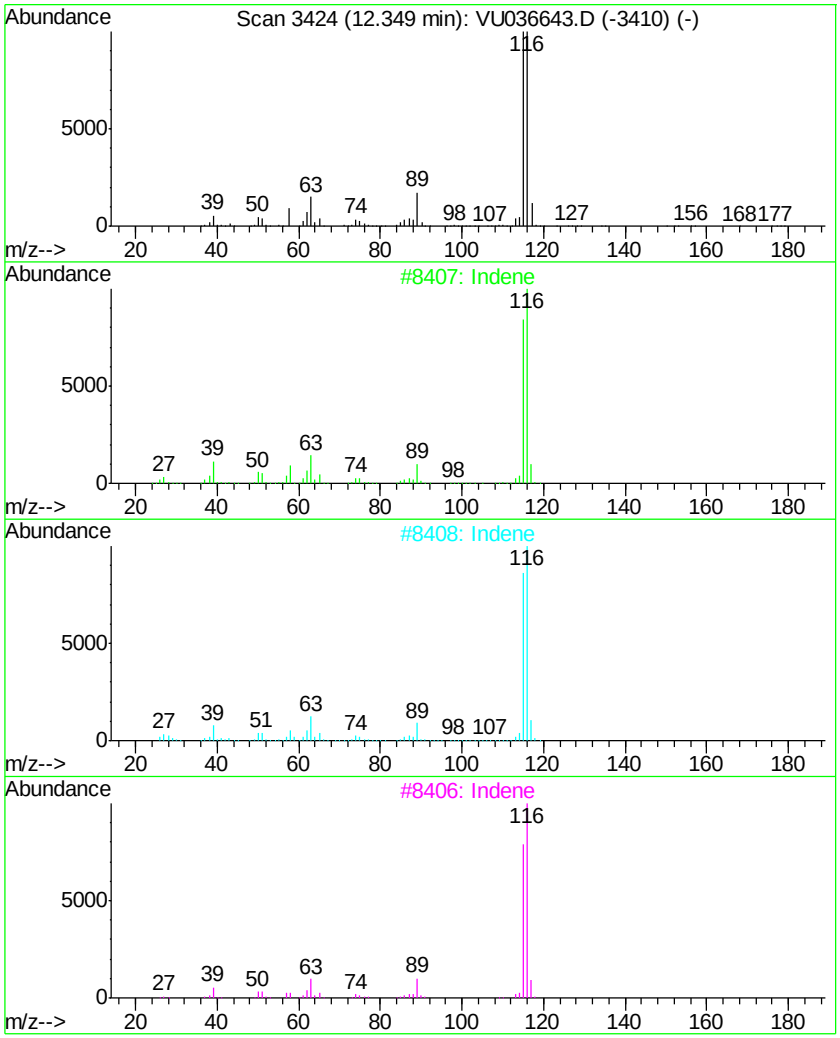
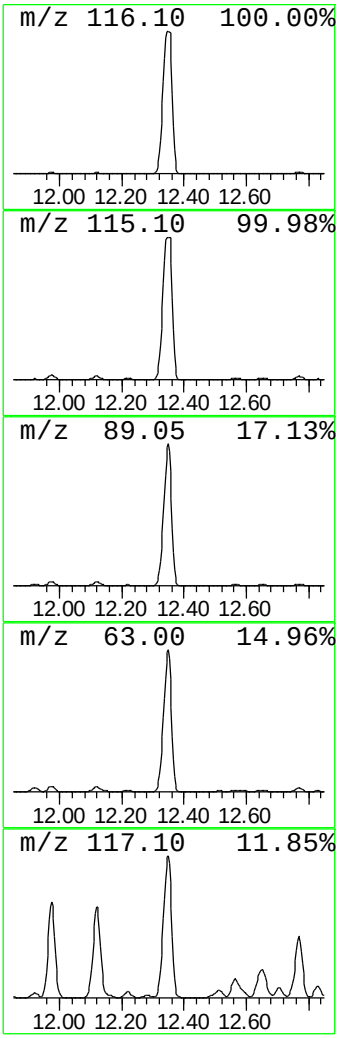
Peak Number 19 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	2642.44 ug/L	56448700	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	96
3	Indene	116	C9H8	000095-13-6	93
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036643.D
Acq On : 31 Jan 2020 01:52
Operator : JC/MD
Sample : L1324-15
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT70

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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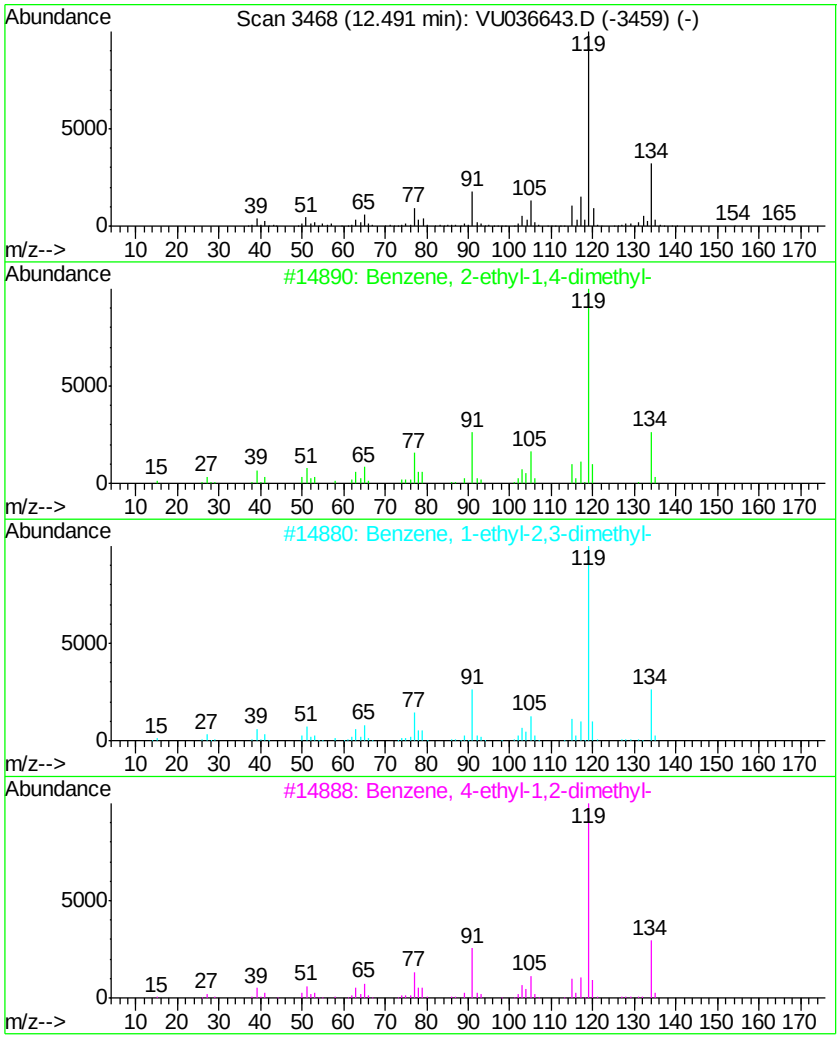
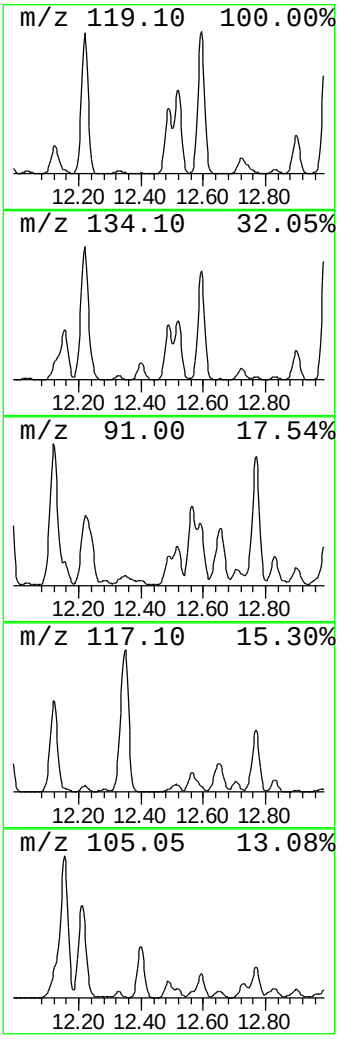
Peak Number 20 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	25.51 ug/L	544940	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	o-Cymene	134	C10H14	000527-84-4	93





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Data File : VU036643.D
Acq On : 31 Jan 2020 01:52
Operator : JC/MD
Sample : L1324-15
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT70

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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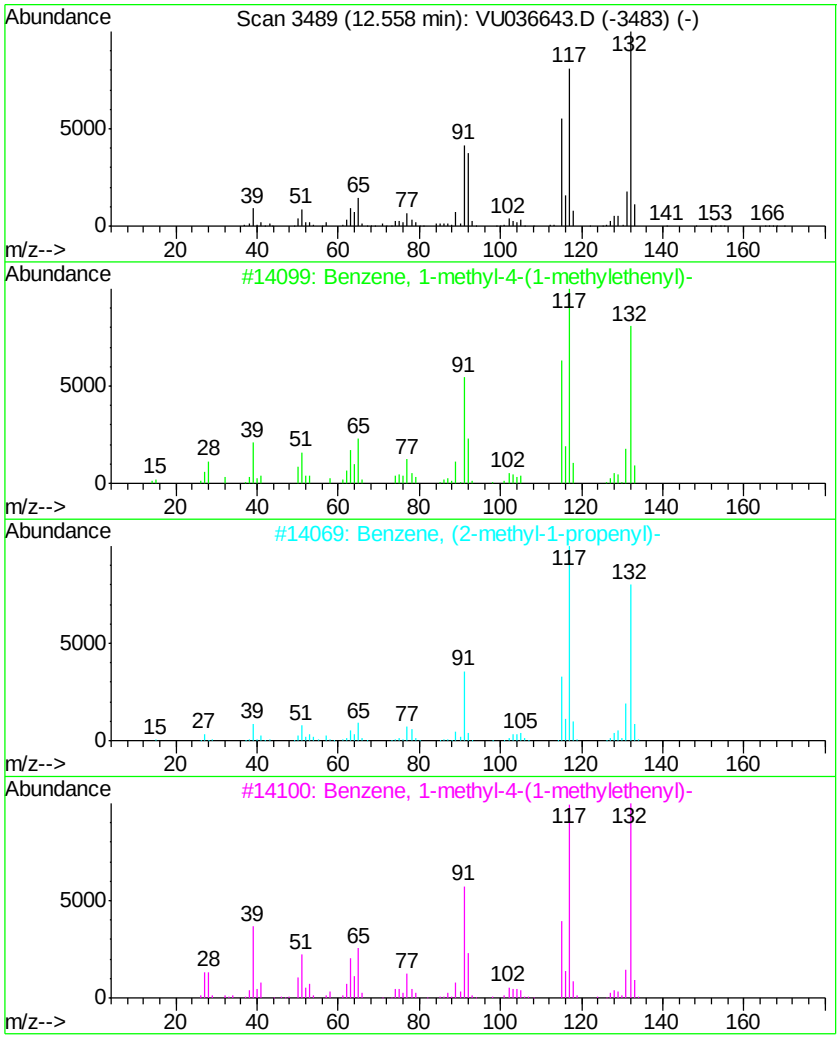
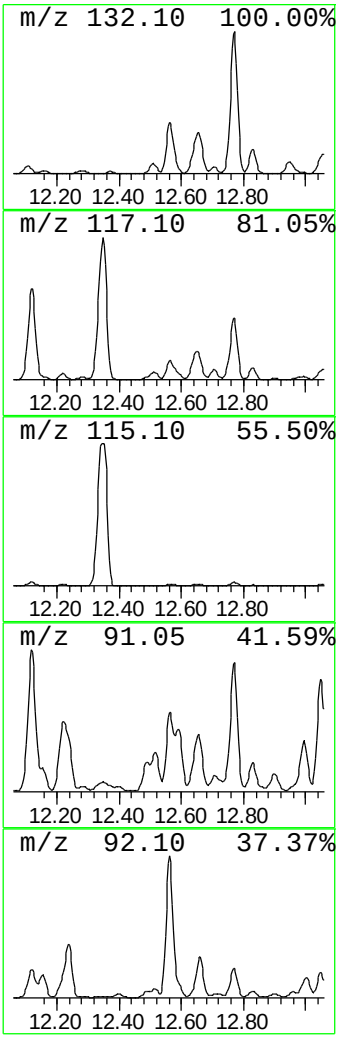
Peak Number 21 Benzene, 1-methyl-4-(1-meth... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	49.92 ug/L	1066330	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	97
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
3	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	83
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76





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Data File : VU036643.D
Acq On : 31 Jan 2020 01:52
Operator : JC/MD
Sample : L1324-15
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT70

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

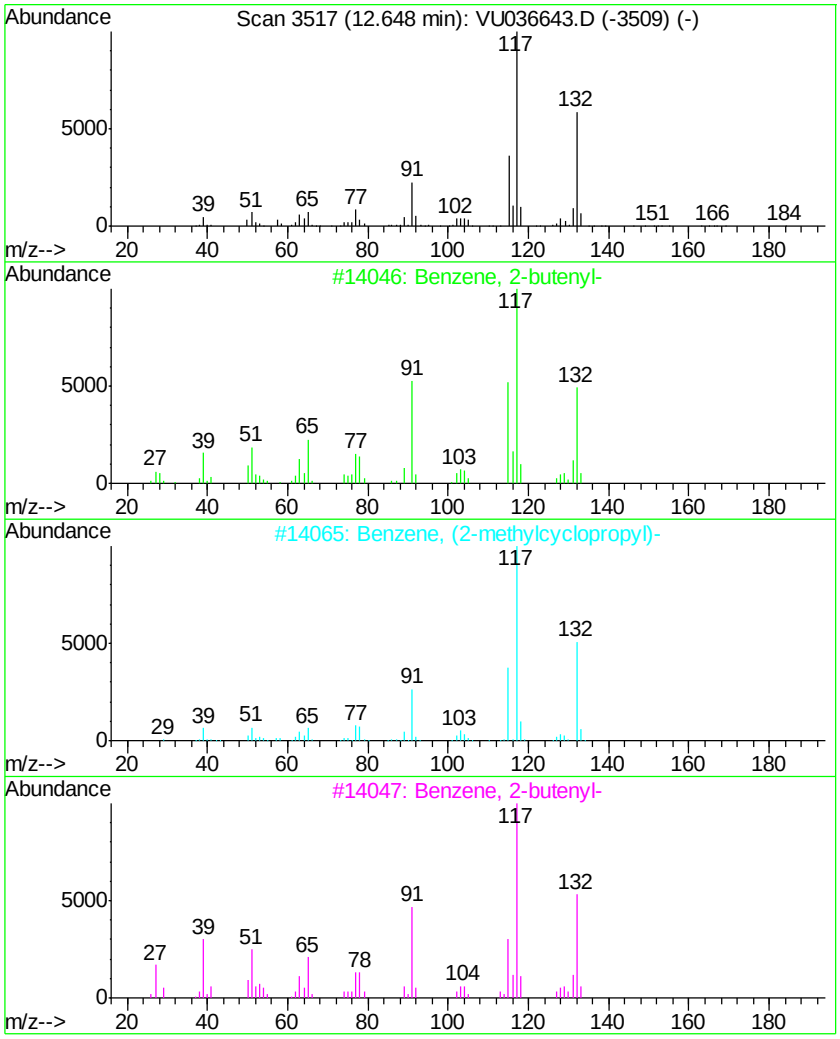
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

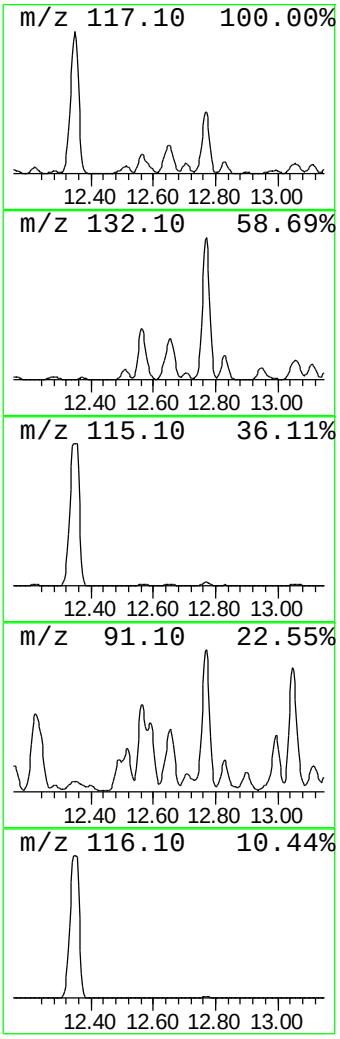
****

Peak Number 22 Benzene, 2-butenyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	53.86 ug/L	1150580	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	90
2	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	87
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87





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Operator : JC/MD
Sample : L1324-15
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT70

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

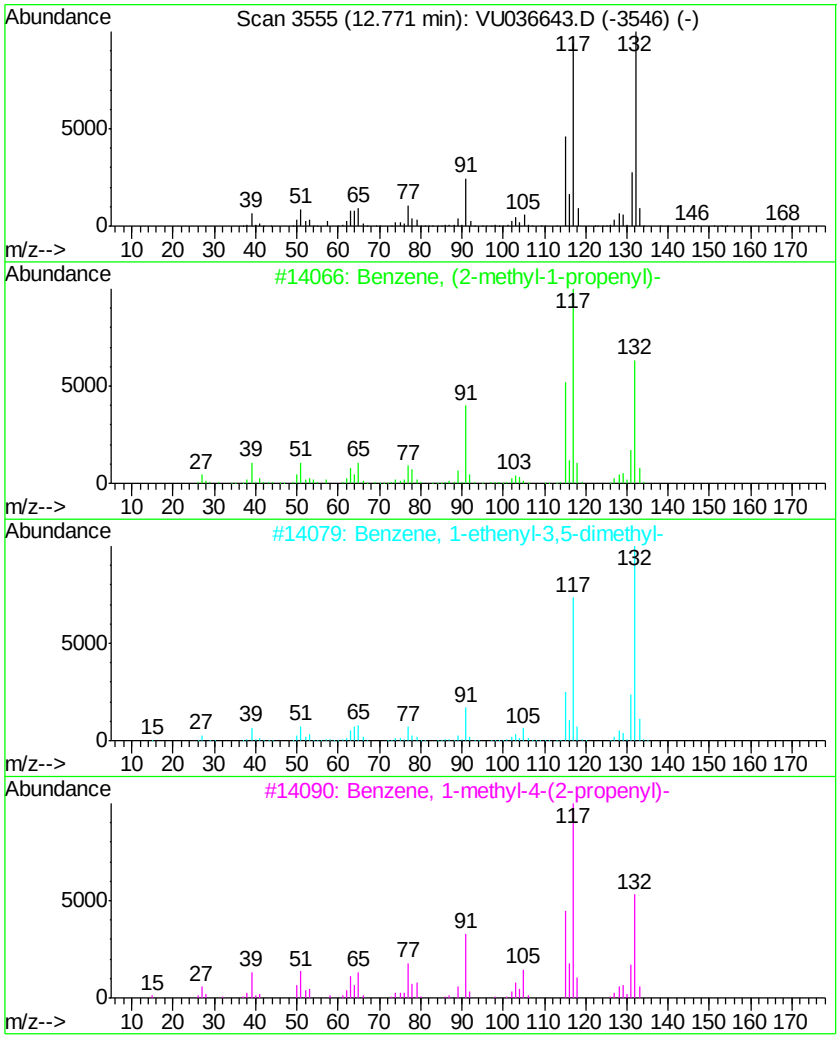
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

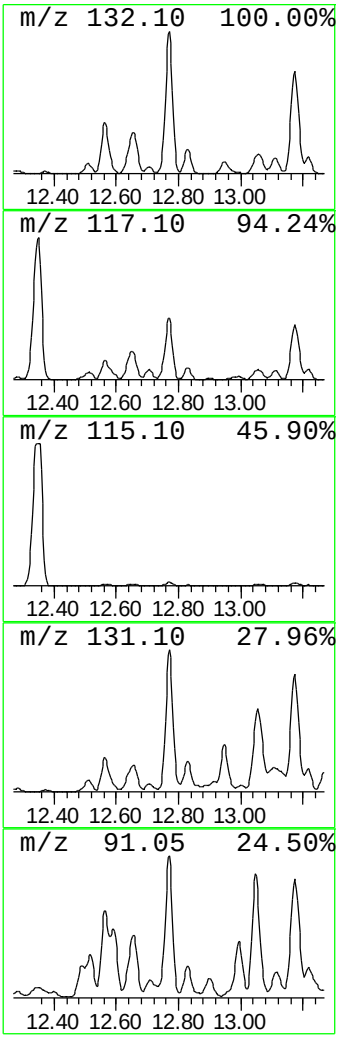
****

Peak Number 23 Benzene, (2-methyl-1-propen... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	149.89 ug/L	3202060	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
2	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	94
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	94
4	o-Isopropenyltoluene	132	C10H12	007399-49-7	94
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	93





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Operator : JC/MD
Sample : L1324-15
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT70

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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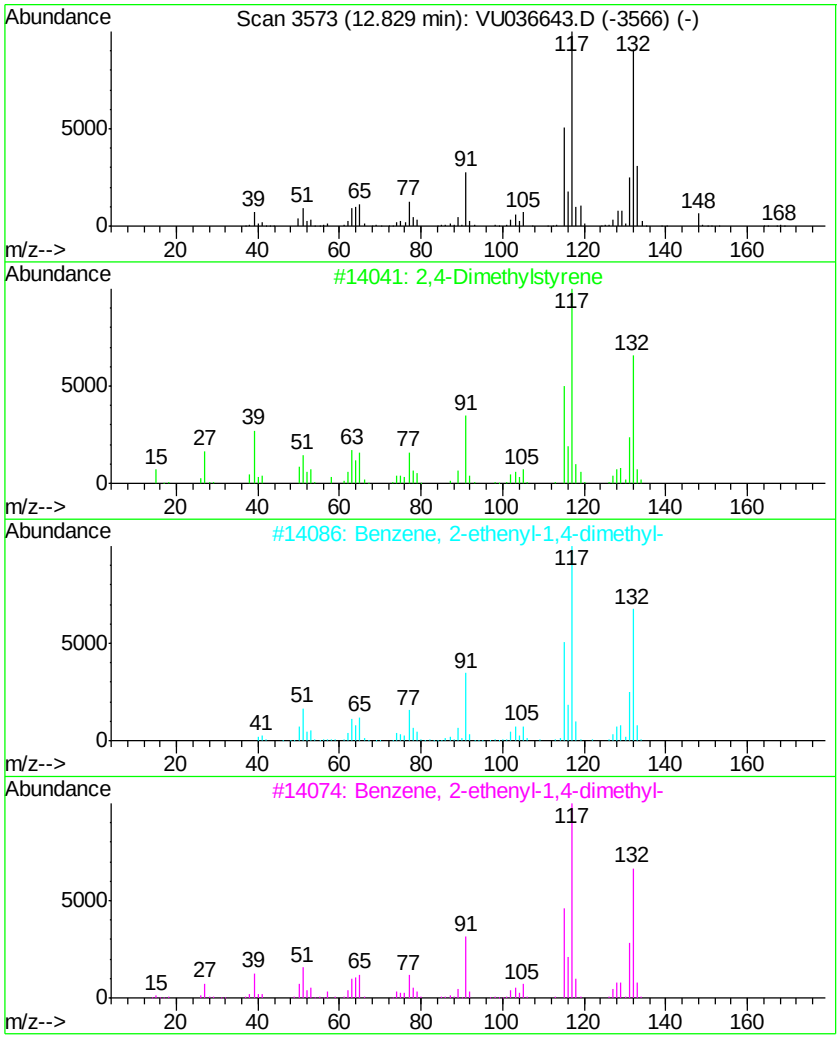
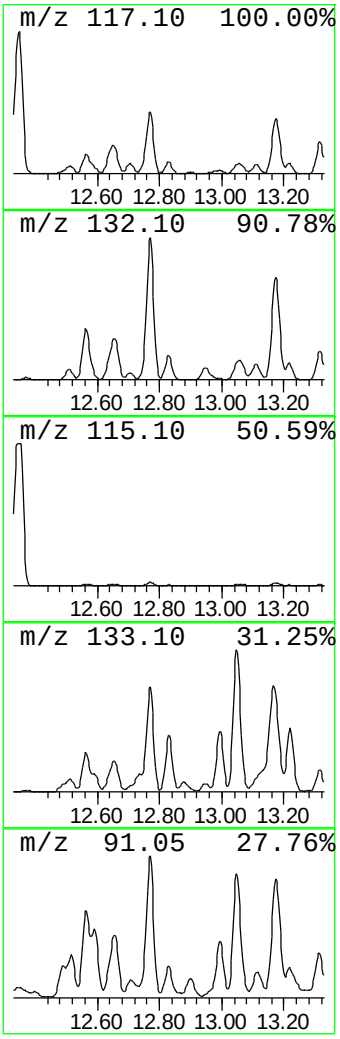
Peak Number 24 2,4-Dimethylstyrene Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	29.40 ug/L	628043	1,4-Dichlorobenzene-d4	11.84

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	95
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	93
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	93





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Operator : JC/MD
Sample : L1324-15
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT70

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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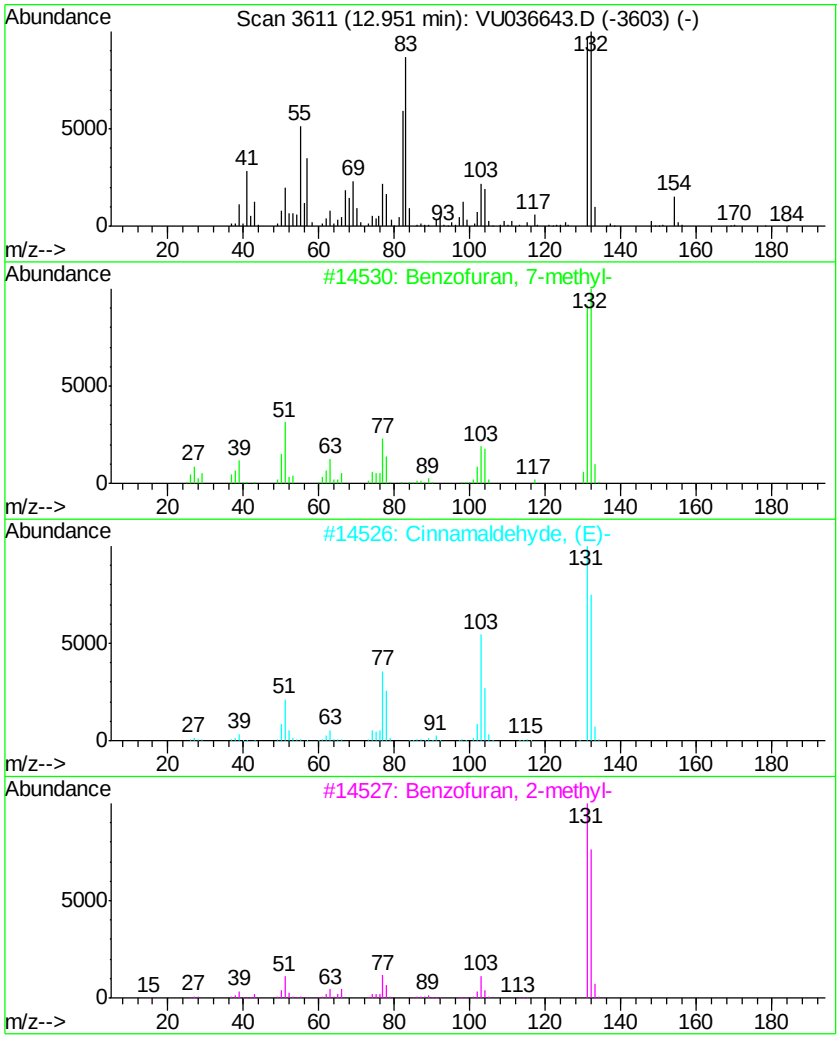
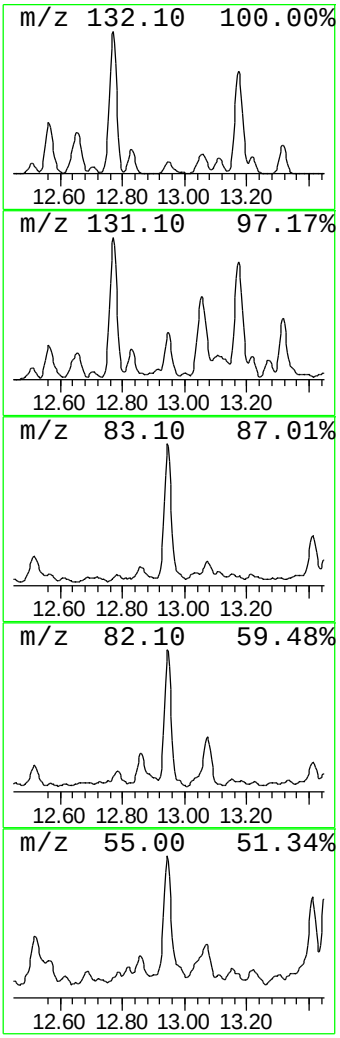
Peak Number 25 Benzofuran, 7-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	19.53 ug/L	417132	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	90
2	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	60
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	55
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	55
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	53





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Operator : JC/MD
Sample : L1324-15
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT70

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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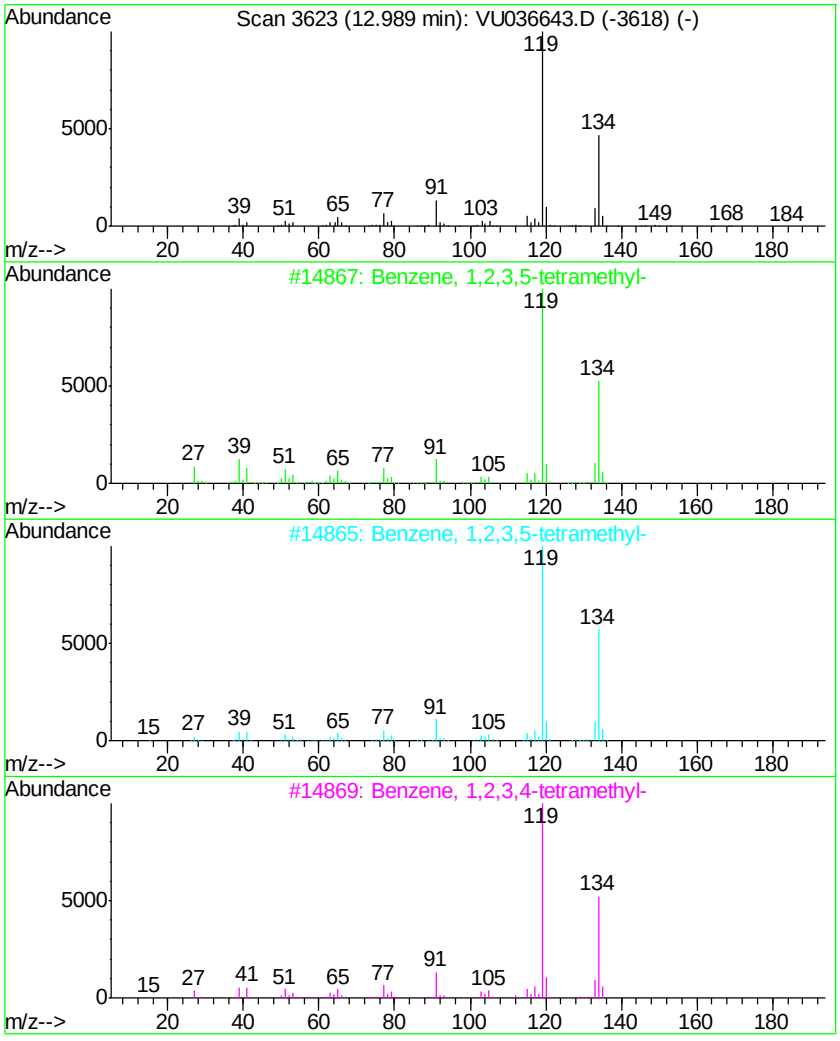
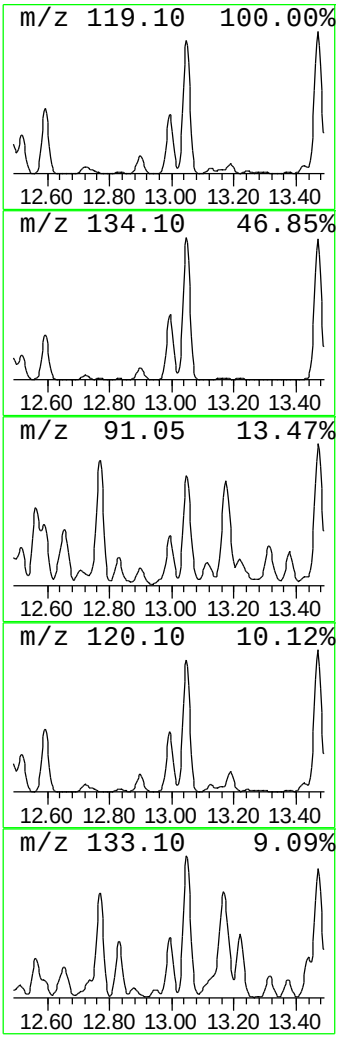
Peak Number 26 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	46.06 ug/L	983882	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91





Library Search Compound Report

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Acq On : 31 Jan 2020 01:52
Operator : JC/MD
Sample : L1324-15
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT70

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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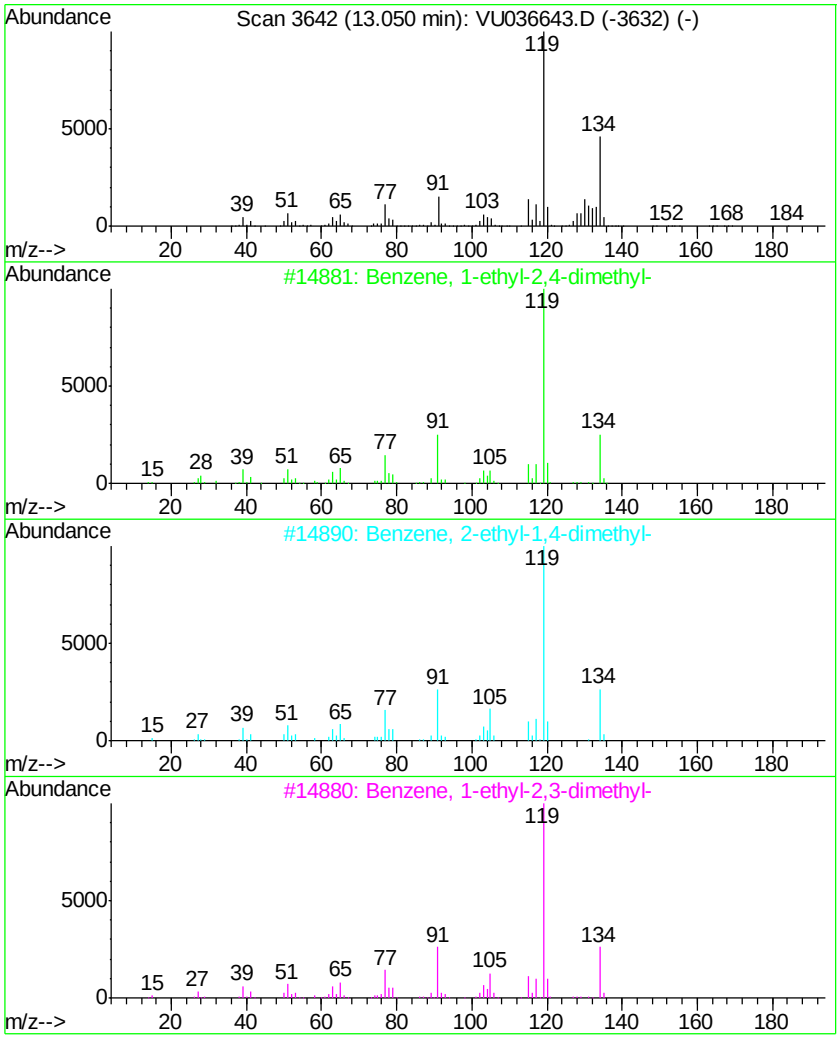
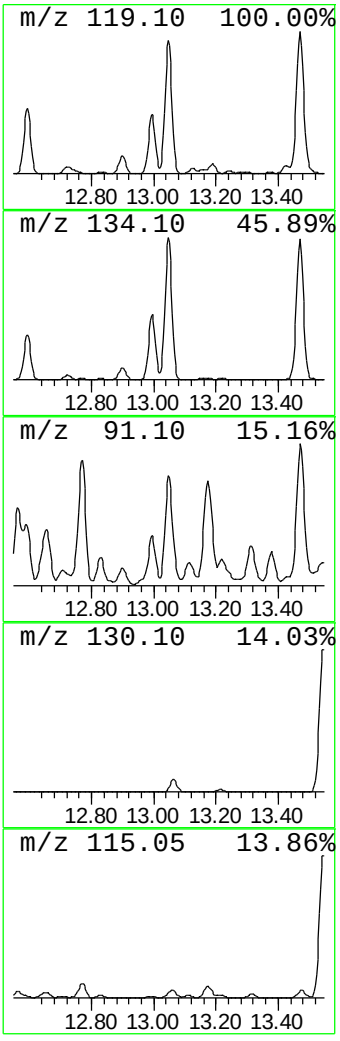
Peak Number 27 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	195.77 ug/L	4182020	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	89
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	89
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81





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Data File : VU036643.D
Acq On : 31 Jan 2020 01:52
Operator : JC/MD
Sample : L1324-15
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT70

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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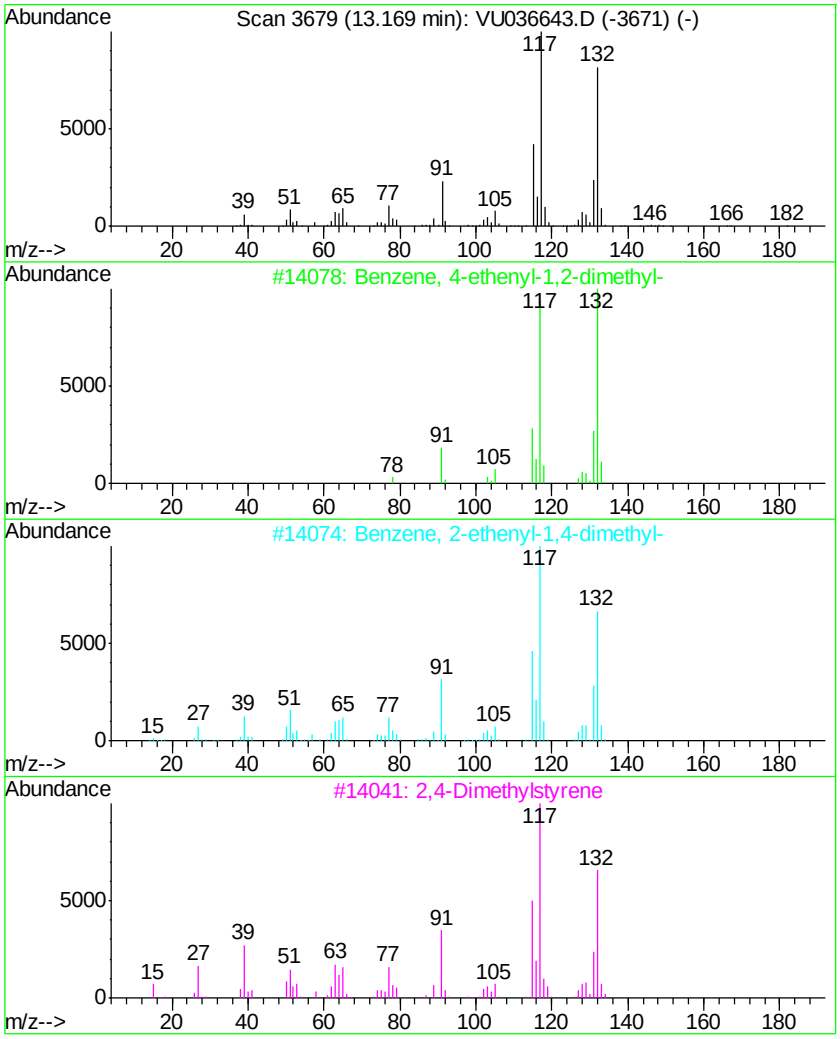
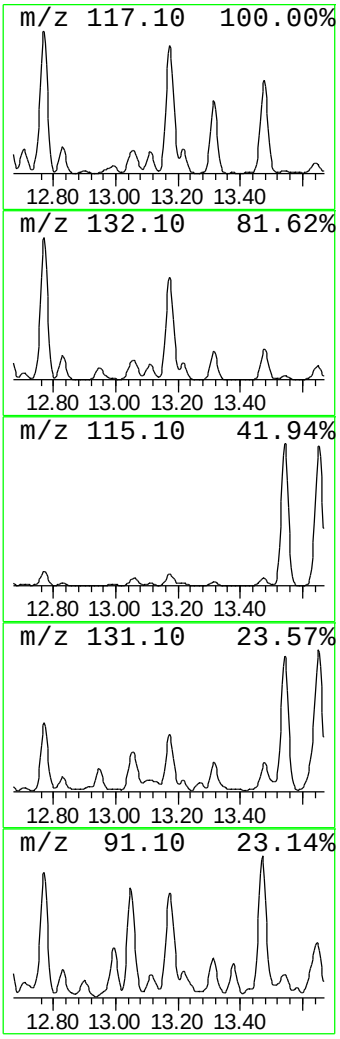
Peak Number 28 Benzene, 4-ethenyl-1,2-dime... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	130.84 ug/L	2795090	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	97
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	97
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	96
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	96
5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95





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Data File : VU036643.D
Acq On : 31 Jan 2020 01:52
Operator : JC/MD
Sample : L1324-15
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT70

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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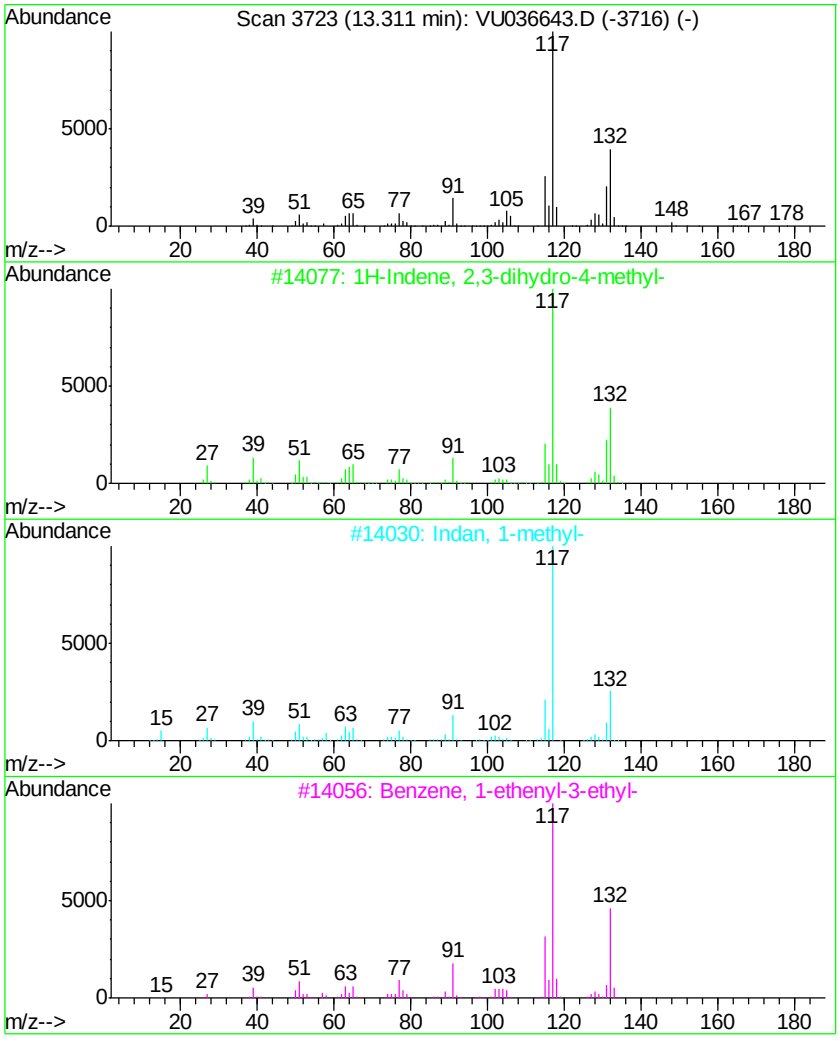
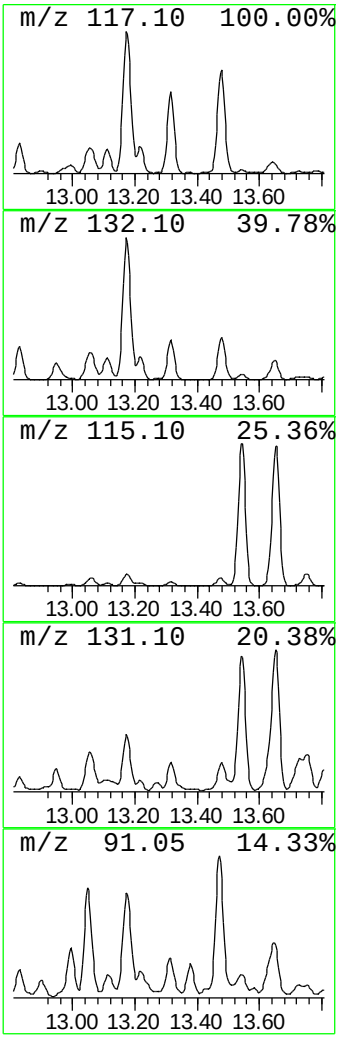
Peak Number 29 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	52.10 ug/L	1112970	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
2	Indan, 1-methyl-	132	C10H12	000767-58-8	90
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90





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Data File : VU036643.D
Acq On : 31 Jan 2020 01:52
Operator : JC/MD
Sample : L1324-15
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT70

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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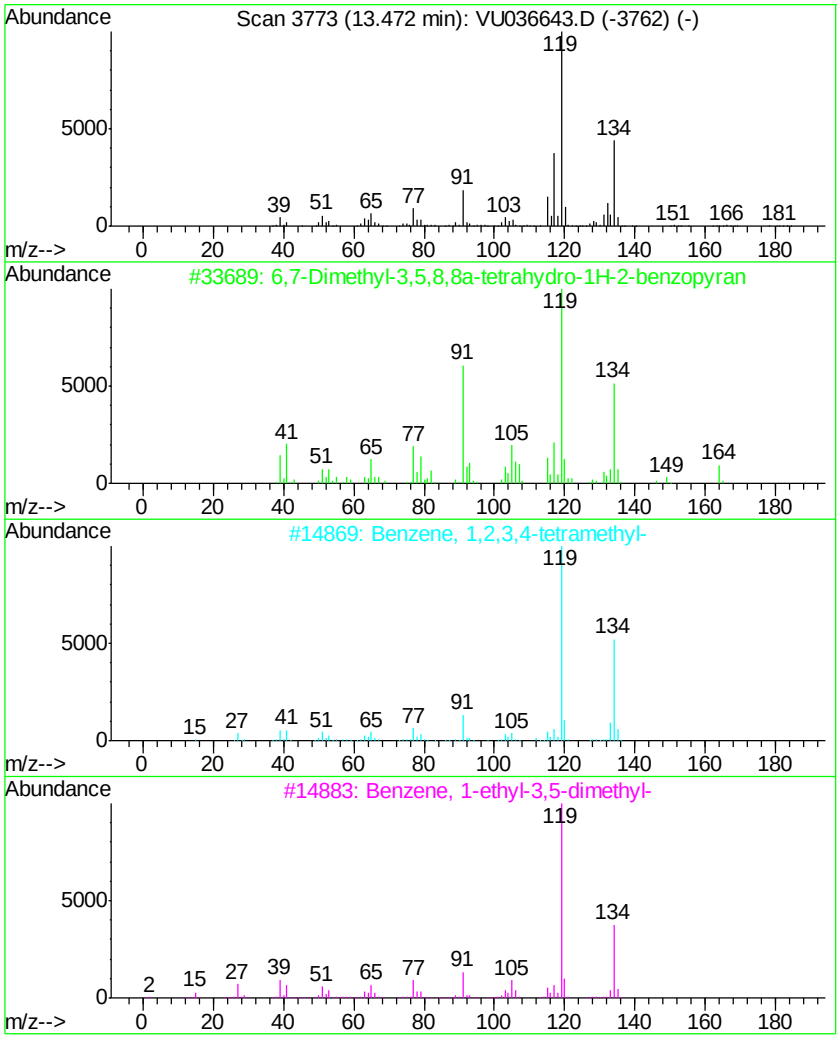
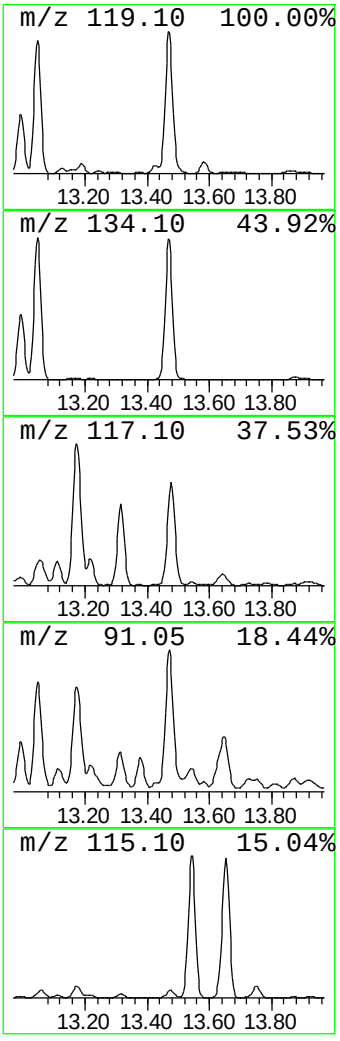
Peak Number 30 6,7-Dimethyl-3,5,8,8a-tetra... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	196.62 ug/L	4200350	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,7-Dimethyl-3,5,8,8a-tetrahydro...	164	C11H16O	110028-10-9	90
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81
4	o-Cymene	134	C10H14	000527-84-4	81
5	o-Cymene	134	C10H14	000527-84-4	76





Library Search Compound Report

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Data File : VU036643.D
Acq On : 31 Jan 2020 01:52
Operator : JC/MD
Sample : L1324-15
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT70

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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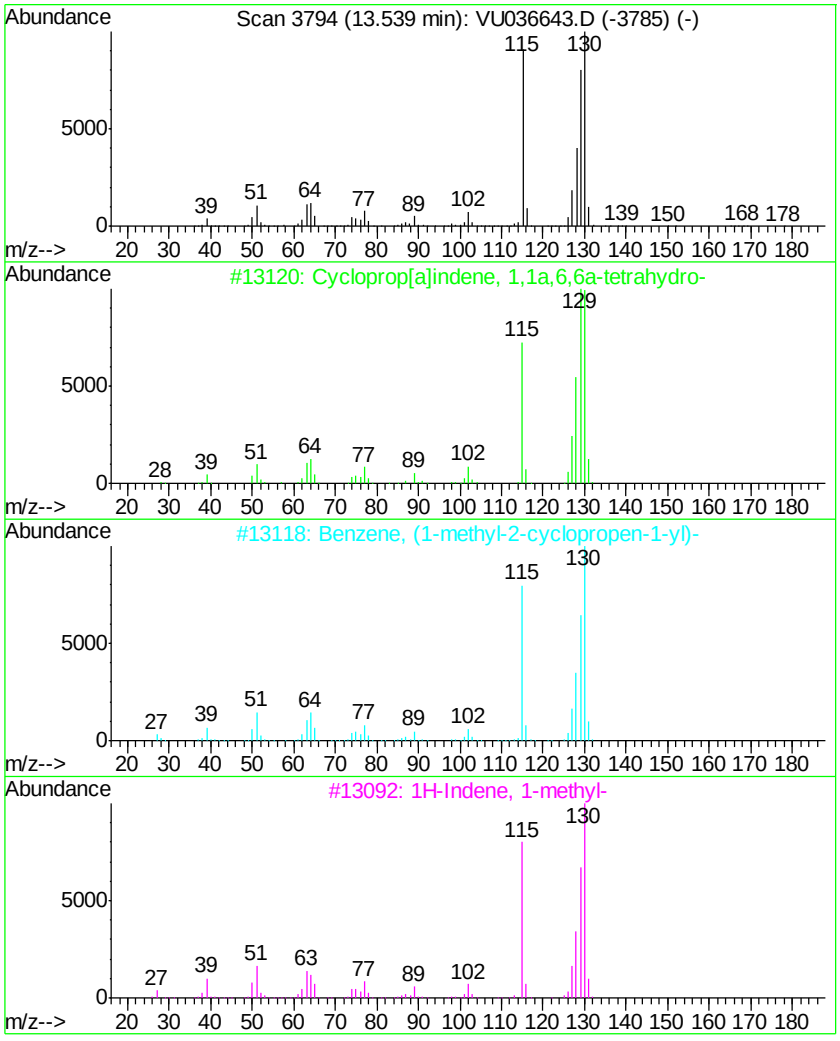
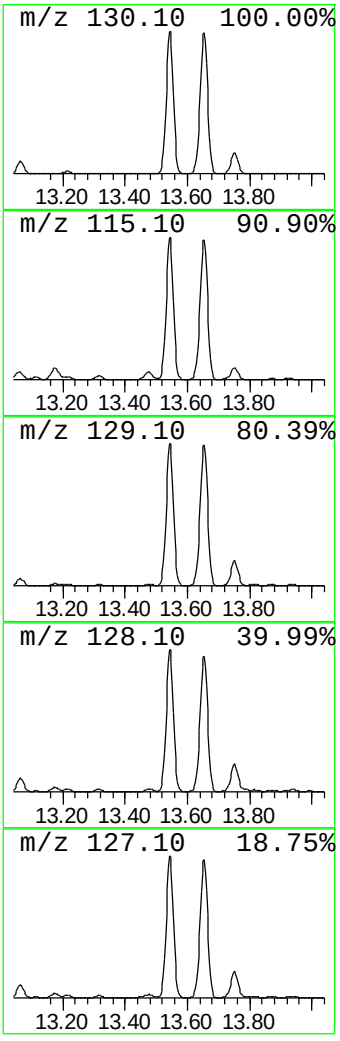
Peak Number 31 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	764.26 ug/L	16326400	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	94
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
4	2-Methylindene	130	C10H10	002177-47-1	94
5	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036643.D
Acq On : 31 Jan 2020 01:52
Operator : JC/MD
Sample : L1324-15
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT70

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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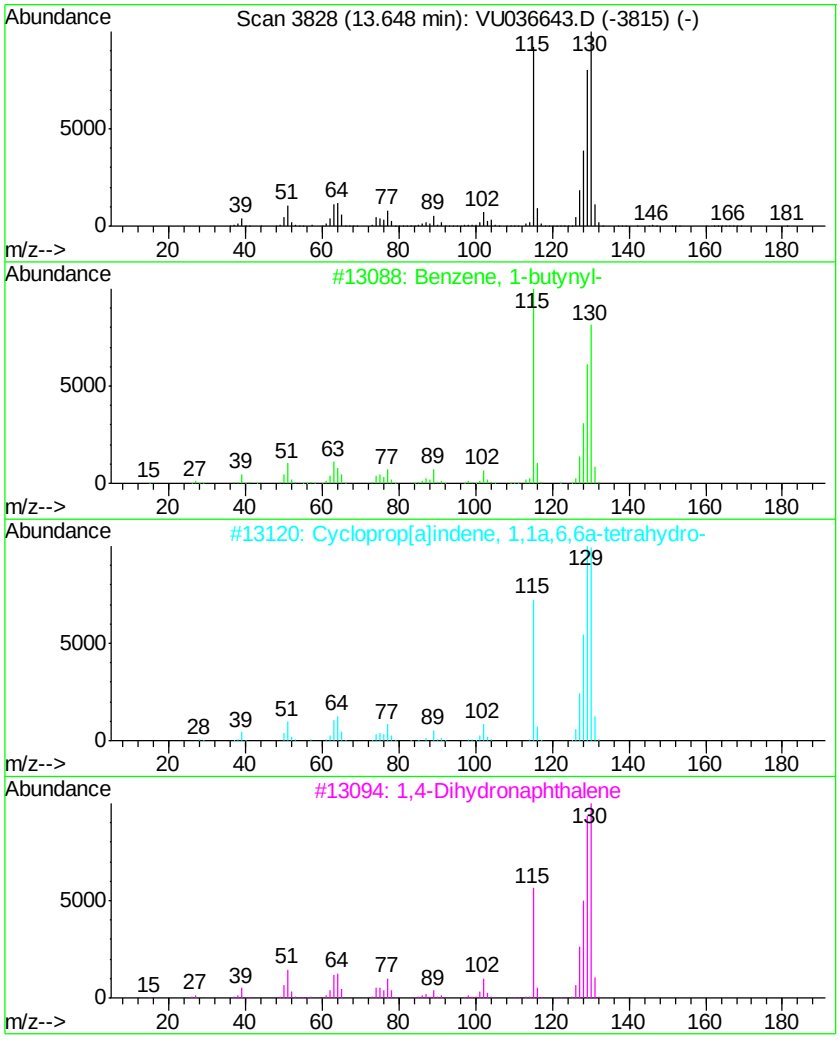
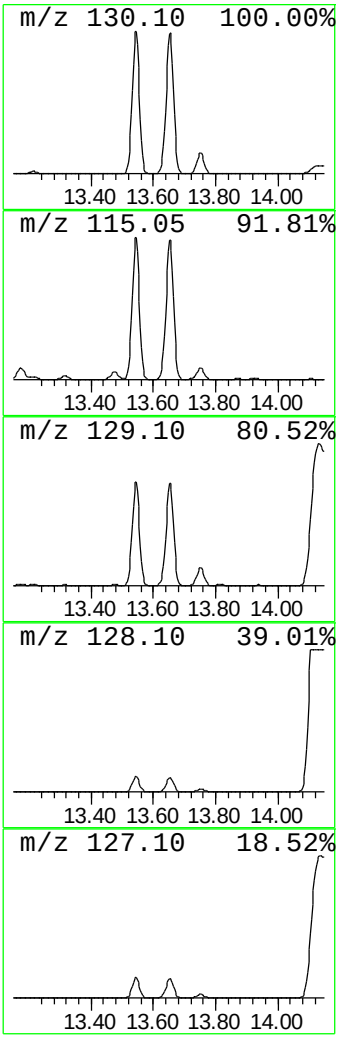
Peak Number 32 Benzene, 1-butynyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	831.58 ug/L	17764500	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
2	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
3	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036643.D
Acq On : 31 Jan 2020 01:52
Operator : JC/MD
Sample : L1324-15
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT70

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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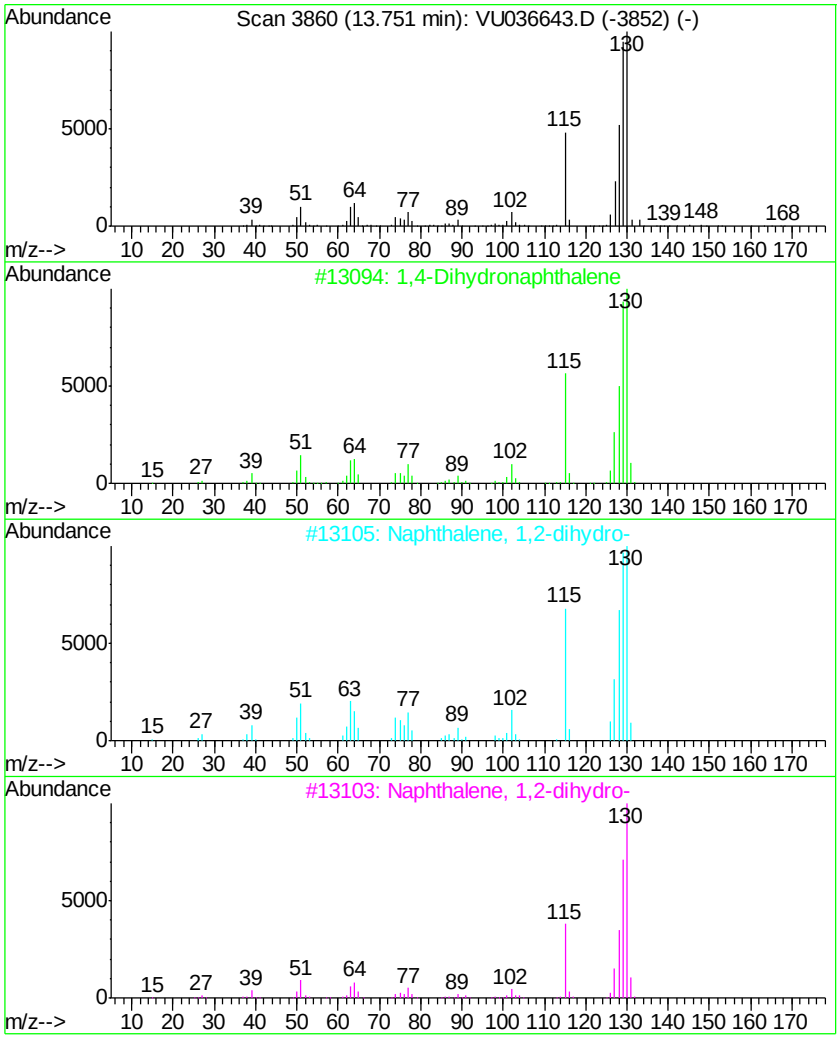
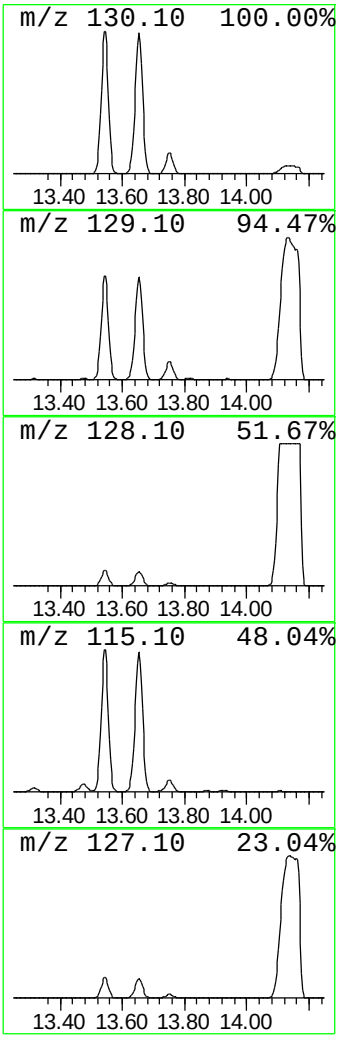
Peak Number 33 1,4-Dihydronaphthalene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	115.55 ug/L	2468360	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	89
2	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	89
3	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	81
4	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	76
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036643.D
Acq On : 31 Jan 2020 01:52
Operator : JC/MD
Sample : L1324-15
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT70

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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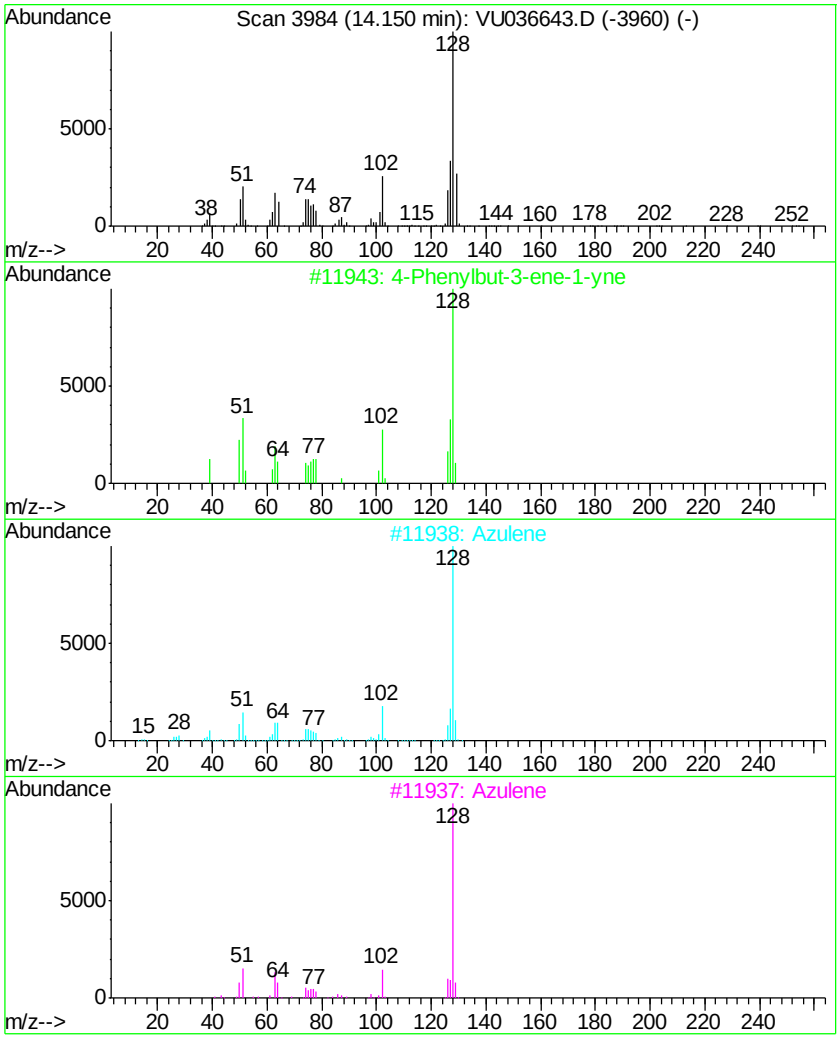
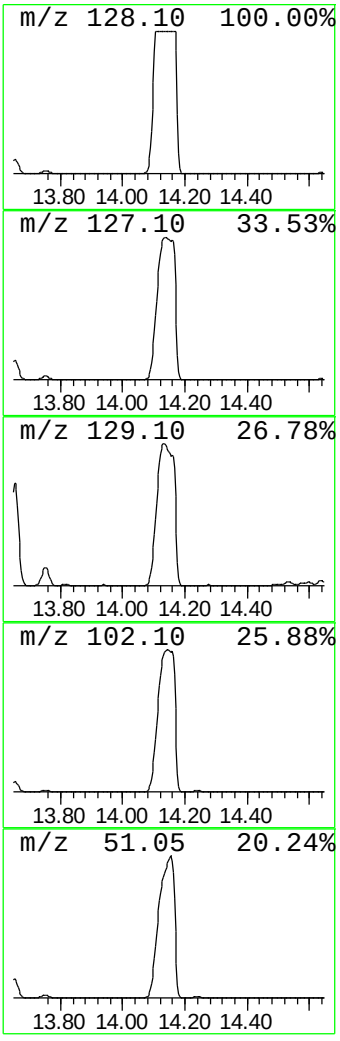
Peak Number 34 4-Phenylbut-3-ene-1-yne Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	7160.24 ug/L	152959000	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Phenylbut-3-ene-1-yne	128	C10H8	1000222-12-0	91
2	Azulene	128	C10H8	000275-51-4	87
3	Azulene	128	C10H8	000275-51-4	81
4	Azulene	128	C10H8	000275-51-4	81
5	Azulene	128	C10H8	000275-51-4	81





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036643.D
Acq On : 31 Jan 2020 01:52
Operator : JC/MD
Sample : L1324-15
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT70

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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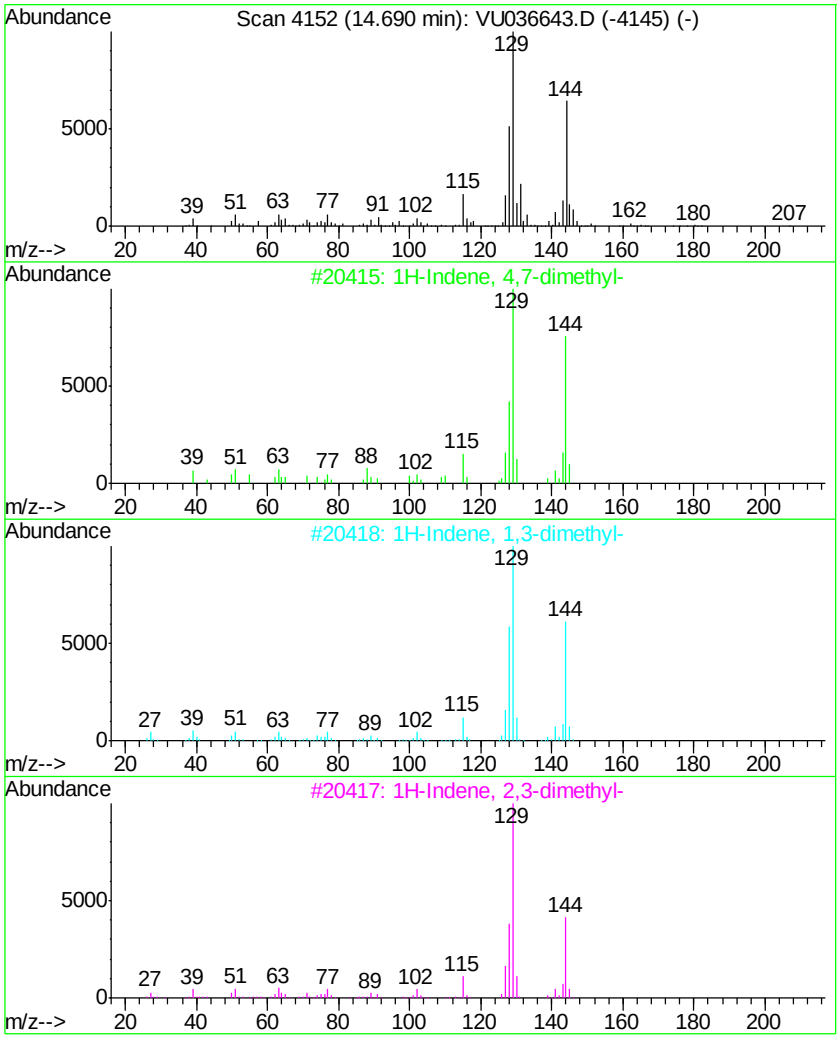
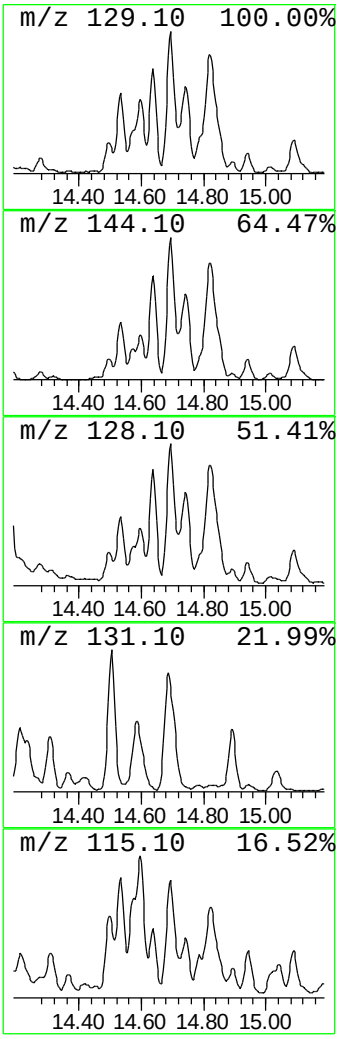
Peak Number 36 1H-Indene, 4,7-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	36.96 ug/L	789645	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	95
2	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	95
3	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	93
4	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	93
5	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036643.D
Acq On : 31 Jan 2020 01:52
Operator : JC/MD
Sample : L1324-15
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT70

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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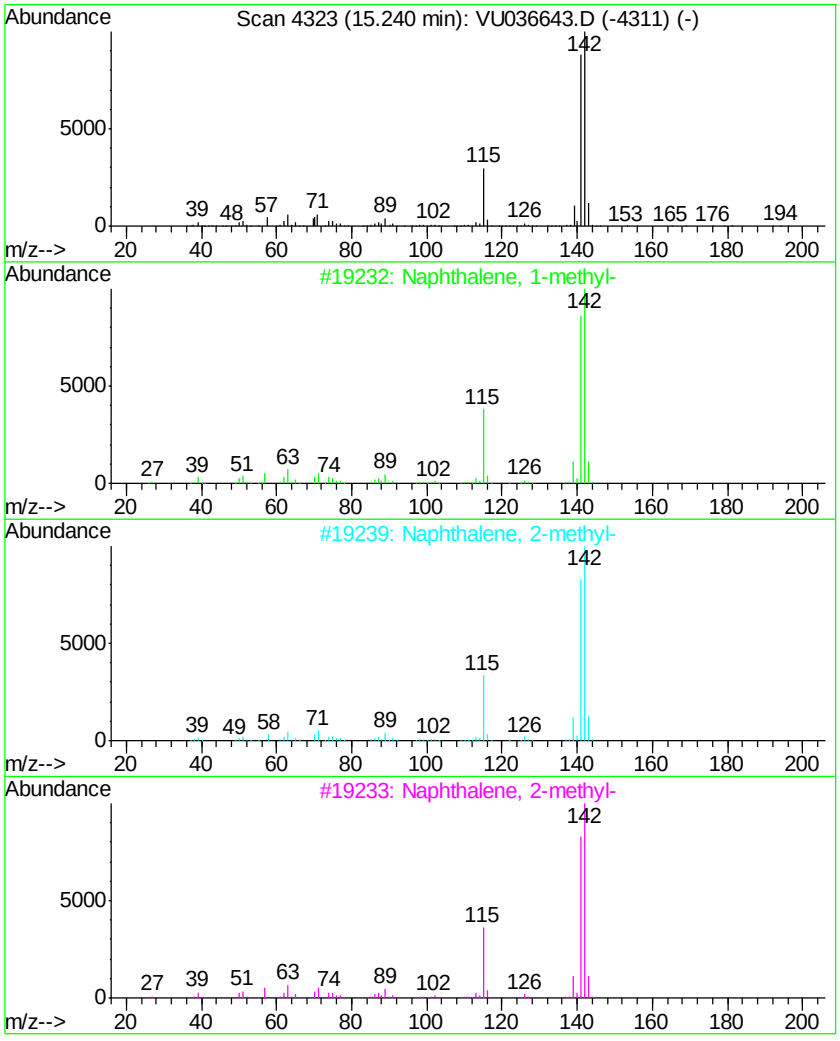
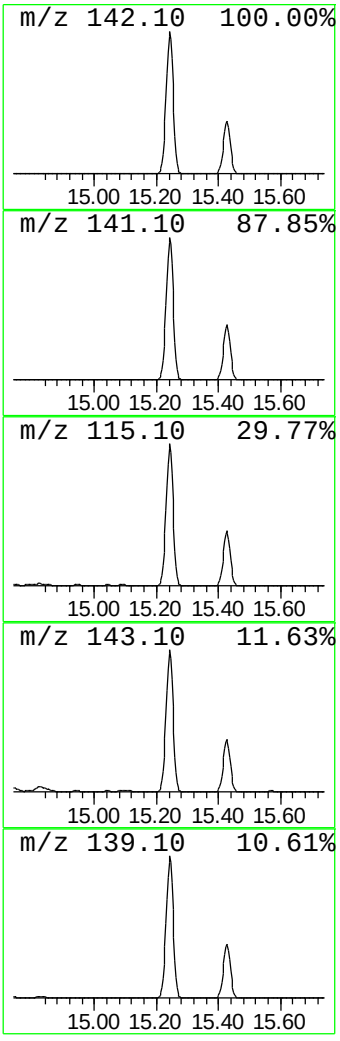
Peak Number 37 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	908.07 ug/L	19398500	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036643.D
Acq On : 31 Jan 2020 01:52
Operator : JC/MD
Sample : L1324-15
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT70

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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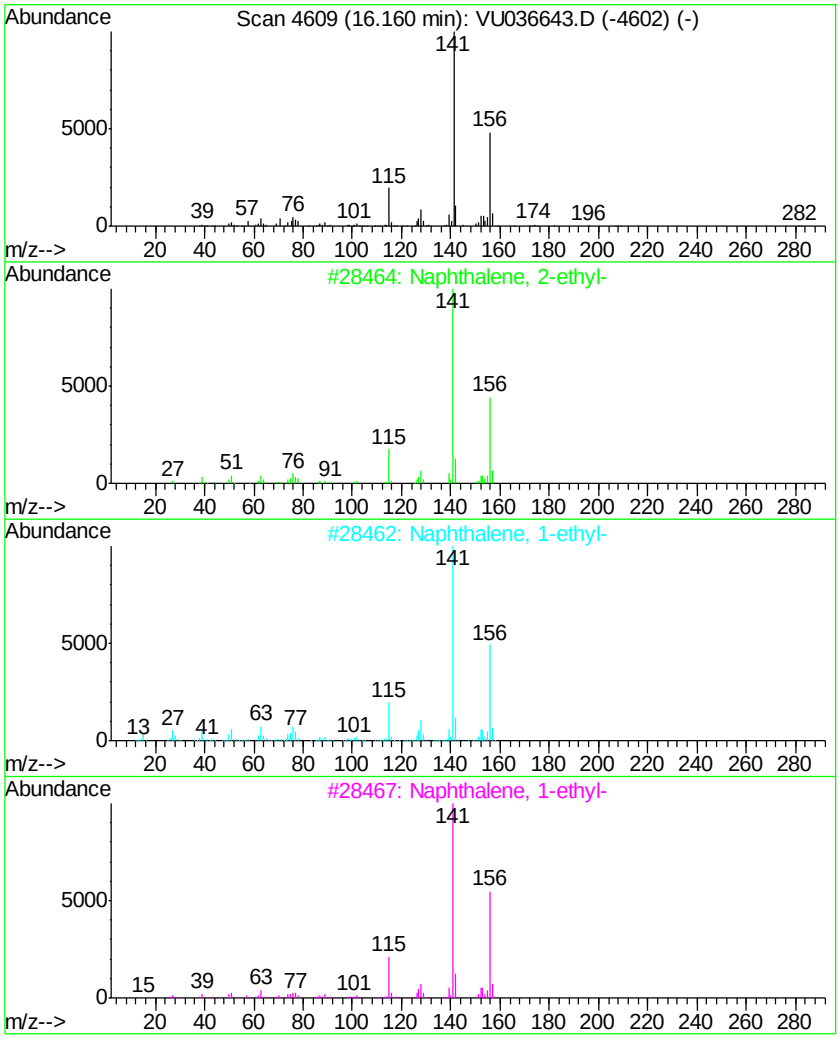
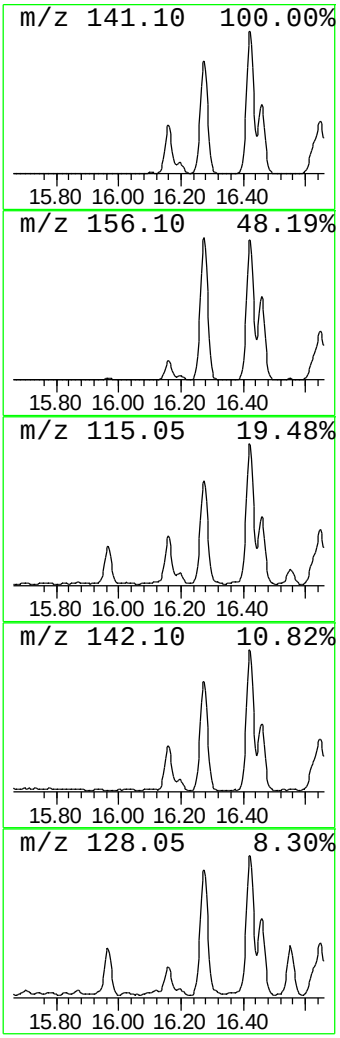
Peak Number 40 Naphthalene, 2-ethyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	9.89 ug/L	211344	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036643.D
Acq On : 31 Jan 2020 01:52
Operator : JC/MD
Sample : L1324-15
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAT70

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.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
Thiophene, 3,4-di...	9.90	2.7	ug/L	44976	2	9.45	821099	50.0
(DEL) Alkane: Str...	10.27	5.8	ug/L	95738	2	9.45	821099	50.0
(DEL) Alkane: Cyc...	10.38	3.4	ug/L	55222	2	9.45	821099	50.0
Benzene, 2-propenyl-	10.85	15.4	ug/L	328698	3	11.84	1068120	50.0
Benzene, propyl-	10.93	21.9	ug/L	467285	3	11.84	1068120	50.0
Benzene, 1-ethyl-...	11.02	114.9	ug/L	2454420	3	11.84	1068120	50.0
Mesitylene	11.11	231.2	ug/L	4938950	3	11.84	1068120	50.0
.alpha.-Methylsty...	11.34	126.5	ug/L	2702130	3	11.84	1068120	50.0
(DEL) Alkane: Str...	11.44	5.4	ug/L	114612	3	11.84	1068120	50.0
Benzene, 1,2,3-tr...	11.49	593.5	ug/L	12679300	3	11.84	1068120	50.0
Benzene, 1-etheny...	11.56	551.5	ug/L	11780400	3	11.84	1068120	50.0
Benzofuran	11.76	27.1	ug/L	579033	3	11.84	1068120	50.0
Benzene, 1-propenyl-	11.97	164.4	ug/L	3512770	3	11.84	1068120	50.0
Indane	12.12	163.3	ug/L	3489220	3	11.84	1068120	50.0
Indene	12.35	2642.4	ug/L	56448700	3	11.84	1068120	50.0
Benzene, 2-ethyl-...	12.49	25.5	ug/L	544940	3	11.84	1068120	50.0
Benzene, 1-methyl...	12.56	49.9	ug/L	1066330	3	11.84	1068120	50.0
Benzene, 2-butenyl-	12.65	53.9	ug/L	1150580	3	11.84	1068120	50.0
Benzene, (2-methy...	12.77	149.9	ug/L	3202060	3	11.84	1068120	50.0
2,4-Dimethylstyrene	12.83	29.4	ug/L	628043	3	11.84	1068120	50.0
Benzofuran, 7-met...	12.95	19.5	ug/L	417132	3	11.84	1068120	50.0
Benzene, 1,2,3,5-...	12.99	46.1	ug/L	983882	3	11.84	1068120	50.0
Benzene, 1-ethyl-...	13.05	195.8	ug/L	4182020	3	11.84	1068120	50.0
Benzene, 4-etheny...	13.17	130.8	ug/L	2795090	3	11.84	1068120	50.0
1H-Indene, 2,3-di...	13.31	52.1	ug/L	1112970	3	11.84	1068120	50.0
6,7-Dimethyl-3,5,...	13.47	196.6	ug/L	4200350	3	11.84	1068120	50.0
Cycloprop[a]inden...	13.54	764.3	ug/L	16326400	3	11.84	1068120	50.0
Benzene, 1-butynyl-	13.65	831.6	ug/L	17764500	3	11.84	1068120	50.0
1,4-Dihydronaphth...	13.75	115.6	ug/L	2468360	3	11.84	1068120	50.0
4-Phenylbut-3-ene...	14.15	7160.2	ug/L	152959000	3	11.84	1068120	50.0
1H-Indene, 4,7-di...	14.69	37.0	ug/L	789645	3	11.84	1068120	50.0
Naphthalene, 1-me...	15.24	908.1	ug/L	19398500	3	11.84	1068120	50.0
Naphthalene, 2-et...	16.16	9.9	ug/L	211344	3	11.84	1068120	50.0