LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036603.D
Acq On : 29 Jan 2020 19:21
Operator : JC/MD
Sample : L1271-05
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ6

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	1.469	35	40	42	rBV	5861	5704	0.01%	0.002%
2	1.610	76	84	96	rVB	121188	134558	0.19%	0.042%
3	1.887	165	170	182	rVB	38295	39443	0.05%	0.012%
4	2.317	302	304	310	rVB3	963	806	0.00%	0.000%
5	2.366	317	319	321	rBV2	468	271	0.00%	0.000%
6	2.562	367	380	392	rBV	195909	312217	0.44%	0.097%
7	2.674	410	415	424	rVB2	1449	2072	0.00%	0.001%
8	2.864	466	474	487	rVB3	2062	3998	0.01%	0.001%
9	2.989	504	513	529	rVB	1331	2355	0.00%	0.001%
10	3.067	529	537	549	rVB3	2467	4320	0.01%	0.001%
11	3.218	571	584	600	rBV	10096	23211	0.03%	0.007%
12	3.353	620	626	631	rVB	256	322	0.00%	0.000%
13	3.710	733	737	752	rVB3	933	1306	0.00%	0.000%
14	4.520	982	989	993	rBV	190	288	0.00%	0.000%
15	4.687	1026	1041	1082	rVB2	64997	213675	0.30%	0.066%
16	5.105	1152	1171	1192	rBV	158375	355625	0.50%	0.110%
17	5.227	1201	1209	1220	rVV3	1422	2906	0.00%	0.001%
18	5.333	1234	1242	1247	rBV2	543	750	0.00%	0.000%
19	5.758	1353	1374	1394	rVV2	386372	956878	1.33%	0.296%
20	5.883	1410	1413	1416	rBV2	291	269	0.00%	0.000%
21	6.079	1471	1474	1478	rBV	304	308	0.00%	0.000%
22	6.147	1491	1495	1501	rBV2	318	388	0.00%	0.000%
23	6.282	1522	1537	1564	rVB	345856	659278	0.92%	0.204%
24	6.558	1616	1623	1631	rVB2	1556	2246	0.00%	0.001%
25	6.726	1661	1675	1704	rBV	212726	423022	0.59%	0.131%
26	6.835	1704	1709	1714	rBV2	392	441	0.00%	0.000%
27	7.218	1816	1828	1842	rVB5	2935	5387	0.01%	0.002%
28	7.333	1859	1864	1868	rVV2	364	369	0.00%	0.000%
29	7.597	1932	1946	1965	rBV	125277	231474	0.32%	0.072%
30	7.719	1975	1984	1994	rBV4	1163	2244	0.00%	0.001%
31	7.816	2007	2014	2015	rBV2	1382	1470	0.00%	0.000%
32	7.928	2034	2049	2064	rBV	482897	857511	1.20%	0.265%
33	8.111	2100	2106	2110	rBV2	188	292	0.00%	0.000%
34	8.147	2111	2117	2121	rVV3	514	663	0.00%	0.000%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036603.D
Acq On : 29 Jan 2020 19:21
Operator : JC/MD
Sample : L1271-05
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ6

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	8.211	2125	2137	2154	rVV2	85275	157926	0.22%	0.049%
36	8.501	2220	2227	2236	rBV2	917	1438	0.00%	0.000%
37	8.681	2268	2283	2304	rBV	326446	595772	0.83%	0.184%
38	8.954	2364	2368	2372	rVB3	401	343	0.00%	0.000%
39	9.449	2503	2522	2538	rBV	477340	847977	1.18%	0.262%
40	9.597	2555	2568	2583	rBV	132239	221145	0.31%	0.068%
41	9.719	2589	2606	2627	rBV	978501	1658532	2.31%	0.513%
42	9.886	2651	2658	2669	rBV4	2469	4257	0.01%	0.001%
43	9.976	2678	2686	2692	rBV3	864	1176	0.00%	0.000%
44	10.127	2708	2733	2752	rBV	1655714	2799365	3.90%	0.866%
45	10.272	2772	2778	2783	rBV4	1824	2603	0.00%	0.001%
46	10.362	2801	2806	2807	rBV2	3198	2783	0.00%	0.001%
47	10.462	2834	2837	2840	rBV4	1090	916	0.00%	0.000%
48	10.510	2842	2852	2861	rVV	42890	68956	0.10%	0.021%
49	10.623	2881	2887	2891	rBV6	5442	7724	0.01%	0.002%
50	10.787	2925	2938	2948	rBV	362578	592440	0.83%	0.183%
51	10.854	2949	2959	2971	rVB	334196	527968	0.74%	0.163%
52	10.931	2972	2983	2998	rBV	548975	860641	1.20%	0.266%
53	11.025	2999	3012	3029	rVV	3354058	7303070	10.18%	2.258%
54	11.115	3031	3040	3057	rVB	5638328	8946168	12.47%	2.767%
55	11.317	3091	3103	3121	rBV	1445261	2769887	3.86%	0.857%
56	11.497	3134	3159	3169	rBV	17846706	28916761	40.32%	8.942%
57	11.565	3169	3180	3189	rVV	11577537	18069816	25.19%	5.588%
58	11.613	3189	3195	3205	rVV	2457988	3497100	4.88%	1.081%
59	11.668	3207	3212	3223	rVB3	183845	281186	0.39%	0.087%
60	11.735	3227	3233	3236	rBV2	67753	87748	0.12%	0.027%
61	11.767	3237	3243	3252	rVB2	238818	361106	0.50%	0.112%
62	11.835	3253	3264	3273	rBV4	714293	1266703	1.77%	0.392%
63	11.922	3280	3291	3300	rBV	7558097	11756868	16.39%	3.636%
64	11.970	3300	3306	3317	rVB	1284752	1846227	2.57%	0.571%
65	12.118	3338	3352	3358	rBV2	3280264	5973573	8.33%	1.847%
66	12.214	3370	3382	3394	rBV3	3950355	6867290	9.57%	2.124%
67	12.343	3415	3422	3432	rVB2	1300934	2017411	2.81%	0.624%
68	12.397	3434	3439	3454	rVB2	486692	813875	1.13%	0.252%
69	12.487	3457	3467	3470	rBV	1642607	2334511	3.25%	0.722%
70	12.565	3484	3491	3493	rBV	1336615	1611956	2.25%	0.498%
71	12.645	3508	3516	3527	rVB	2624843	4629543	6.45%	1.432%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036603.D
Acq On : 29 Jan 2020 19:21
Operator : JC/MD
Sample : L1271-05
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ6

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	12.770	3545	3555	3565	rVB	7844530	12386191	17.27%	3.830%
73	12.828	3566	3573	3587	rVB	1406366	2105027	2.93%	0.651%
74	12.899	3589	3595	3603	rVB	666182	918505	1.28%	0.284%
75	12.947	3604	3610	3615	rBV2	429468	558838	0.78%	0.173%
76	12.996	3616	3625	3633	rBV	3383035	4820038	6.72%	1.491%
77	13.050	3633	3642	3654	rBV3	6766677	11892919	16.58%	3.678%
78	13.169	3670	3679	3690	rBV3	4249002	7200092	10.04%	2.227%
79	13.314	3716	3724	3735	rVB3	2029298	3200030	4.46%	0.990%
80	13.471	3767	3773	3786	rVB3	6794489	11268699	15.71%	3.485%
81	13.539	3787	3794	3802	rVB	2085846	2875609	4.01%	0.889%
82	13.651	3820	3829	3840	rVB	9539969	15951717	22.24%	4.933%
83	13.854	3886	3892	3900	rBV5	954296	1571700	2.19%	0.486%
84	14.108	3963	3971	3990	rVB	6314090	11084085	15.45%	3.428%
85	15.188	4301	4307	4312	rBV	381479	526186	0.73%	0.163%
86	15.256	4313	4328	4353	rVB3	35003268	71725382	100.00%	22.181%
87	15.436	4370	4384	4403	rVB	17977916	29618261	41.29%	9.159%
88	15.966	4540	4549	4558	rVB	515897	757109	1.06%	0.234%
89	16.159	4600	4609	4617	rBV	519623	793900	1.11%	0.246%
90	16.275	4632	4645	4669	rVB	2588936	4480657	6.25%	1.386%
91	16.423	4679	4691	4697	rBV	1767666	2835592	3.95%	0.877%
92	16.458	4698	4702	4718	rVB	876483	1247515	1.74%	0.386%
93	16.552	4722	4731	4743	rVB	260286	400232	0.56%	0.124%
94	16.648	4745	4761	4783	rVB	495721	1180666	1.65%	0.365%
95	16.796	4797	4807	4825	rBV	228157	382090	0.53%	0.118%
96	16.892	4827	4837	4851	rBV	593774	948318	1.32%	0.293%
97	16.989	4861	4867	4878	rVB2	133011	203845	0.28%	0.063%
98	17.388	4984	4991	5014	rVB2	98361	252316	0.35%	0.078%
99	17.548	5034	5041	5052	rVB2	82384	136786	0.19%	0.042%
100	17.616	5055	5062	5071	rVV	63632	99445	0.14%	0.031%

Sum of corrected areas: 323370578

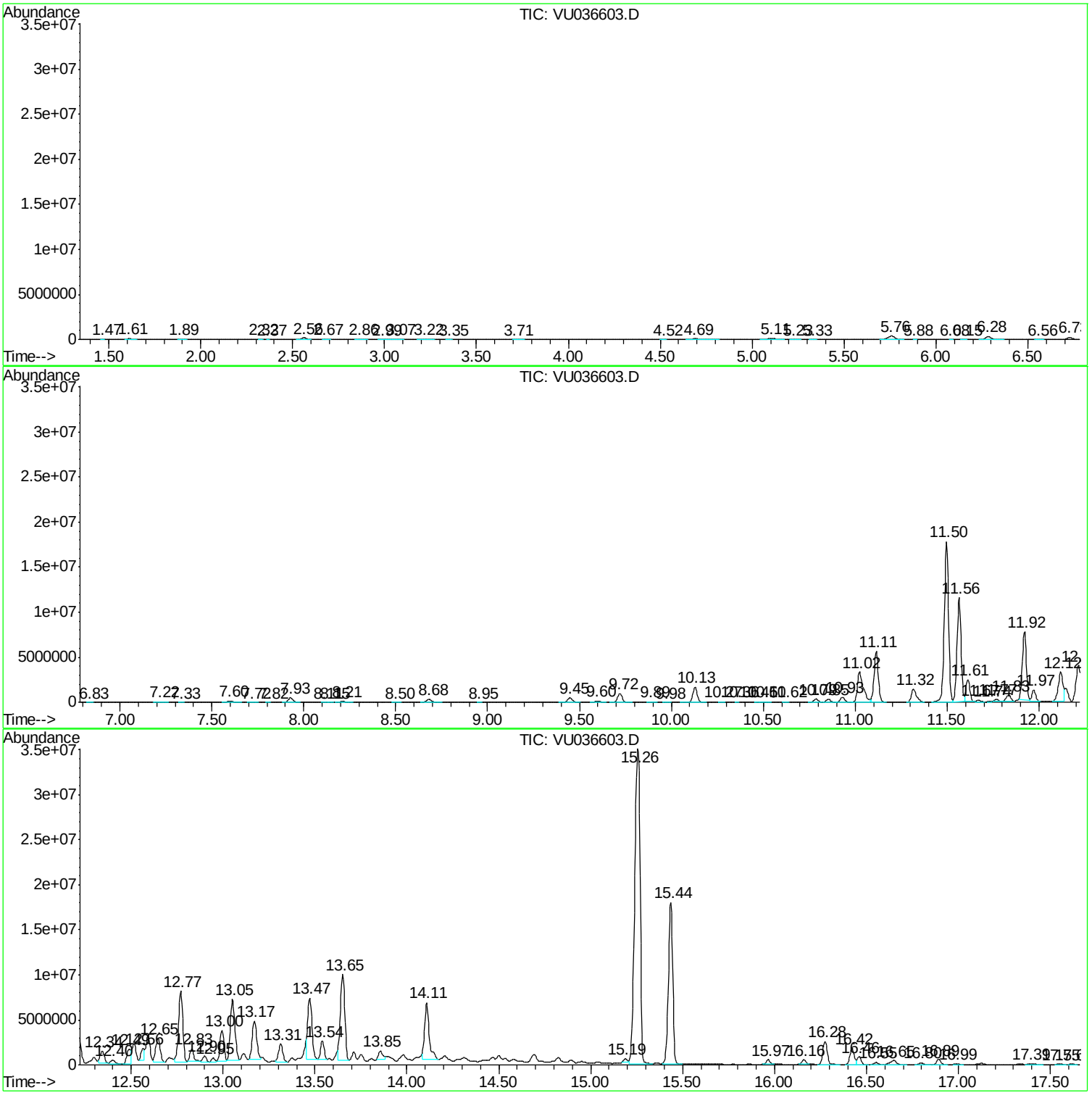
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036603.D
Acq On : 29 Jan 2020 19:21
Operator : JC/MD
Sample : L1271-05
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GASZ6

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036603.D
Acq On : 29 Jan 2020 19:21
Operator : JC/MD
Sample : L1271-05
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ6

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

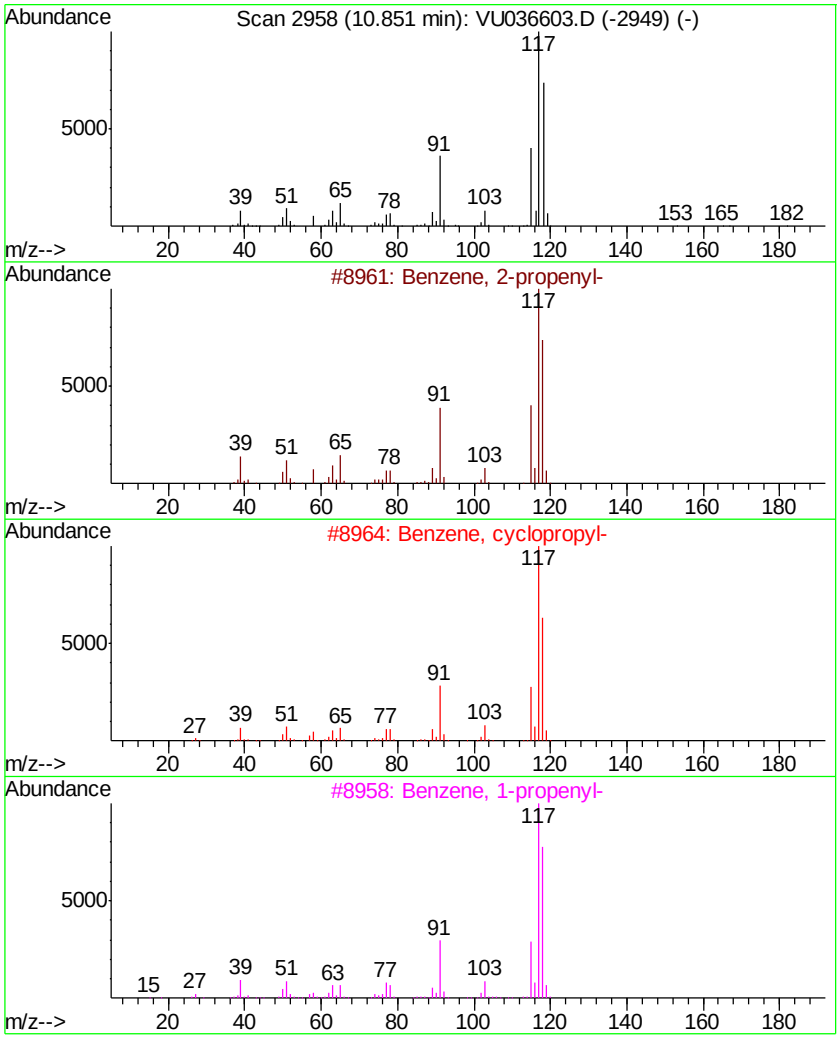
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

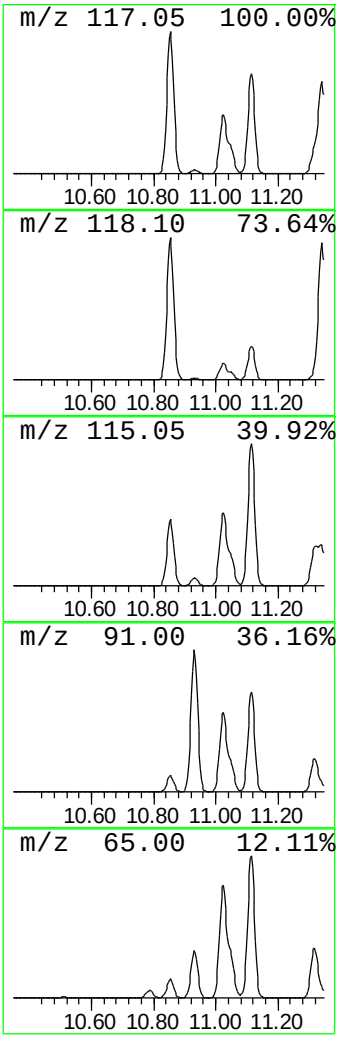
****

Peak Number 2 Benzene, 2-propenyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	20.84 ug/L	527968	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	96
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	95
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	93
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036603.D
Acq On : 29 Jan 2020 19:21
Operator : JC/MD
Sample : L1271-05
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ6

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

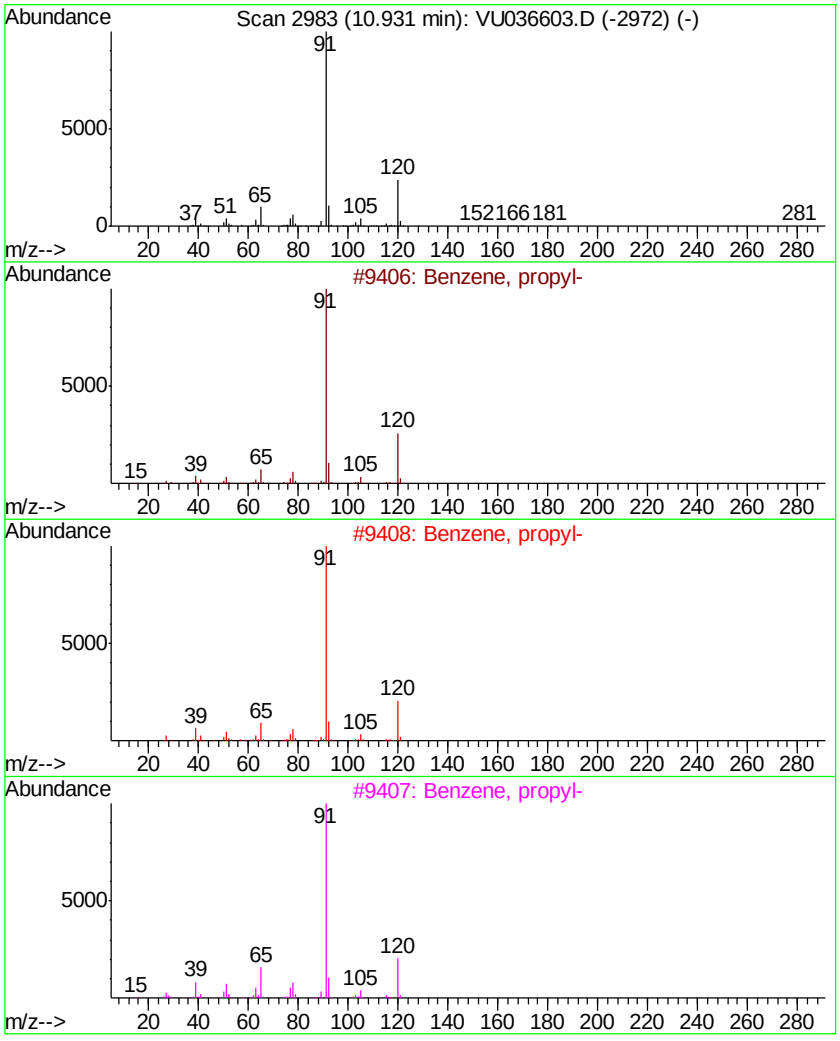
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

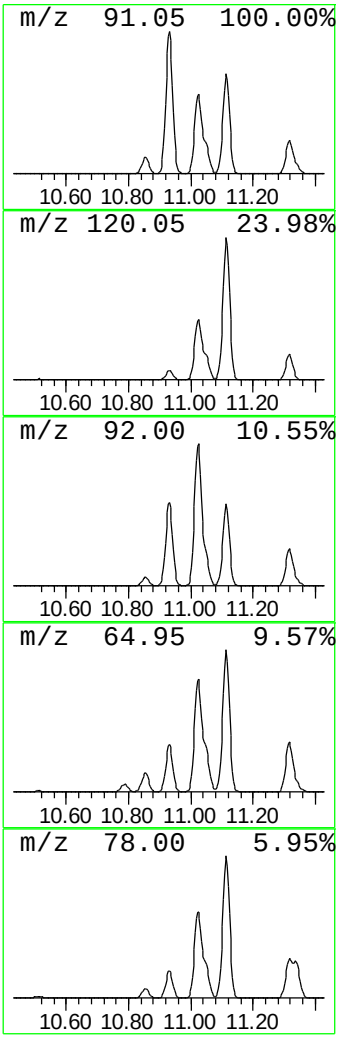
****

Peak Number 3 Benzene, propyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	33.97 ug/L	860641	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	Benzene, propyl-	120	C9H12	000103-65-1	87
4	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	72
5	n-Butylbenzylamine	163	C11H17N	002403-22-7	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036603.D
Acq On : 29 Jan 2020 19:21
Operator : JC/MD
Sample : L1271-05
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ6

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

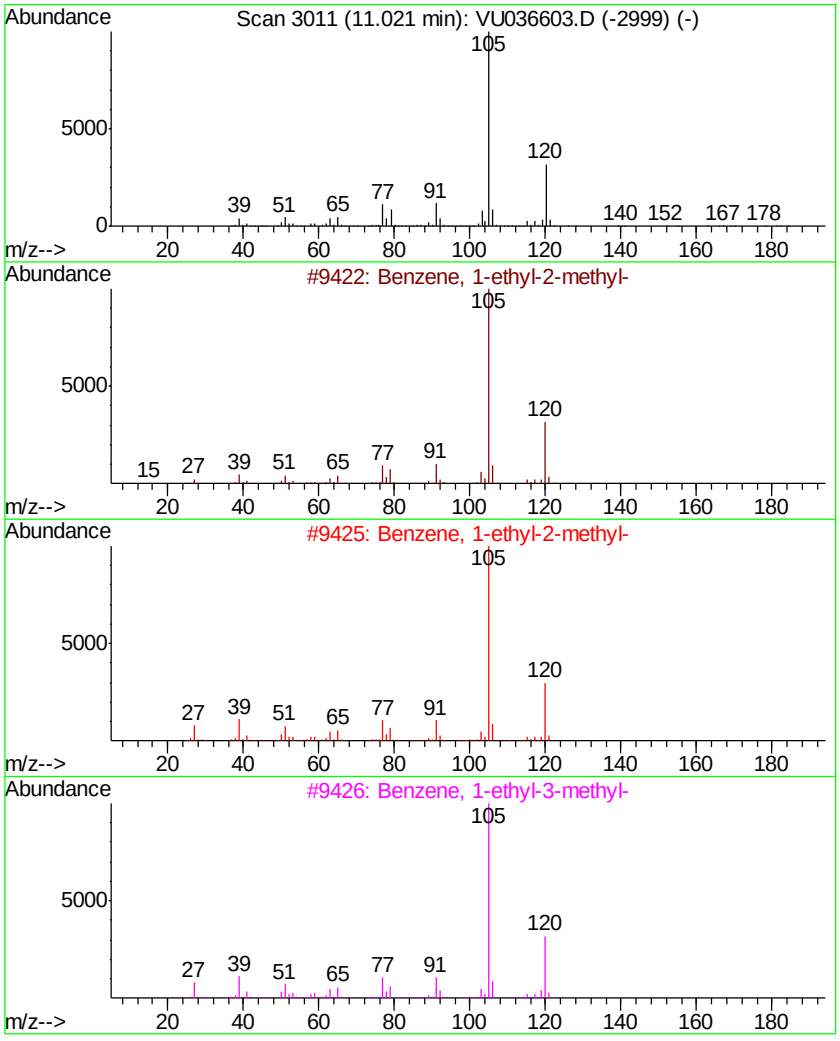
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

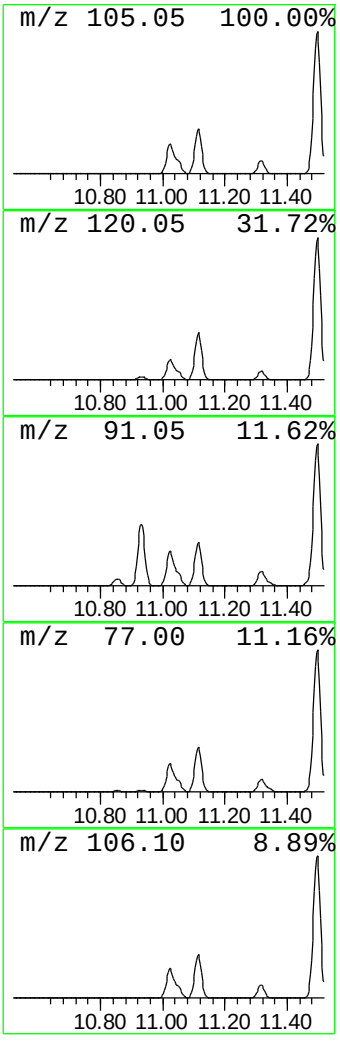
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	288.27 ug/L	7303070	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	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036603.D
Acq On : 29 Jan 2020 19:21
Operator : JC/MD
Sample : L1271-05
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ6

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

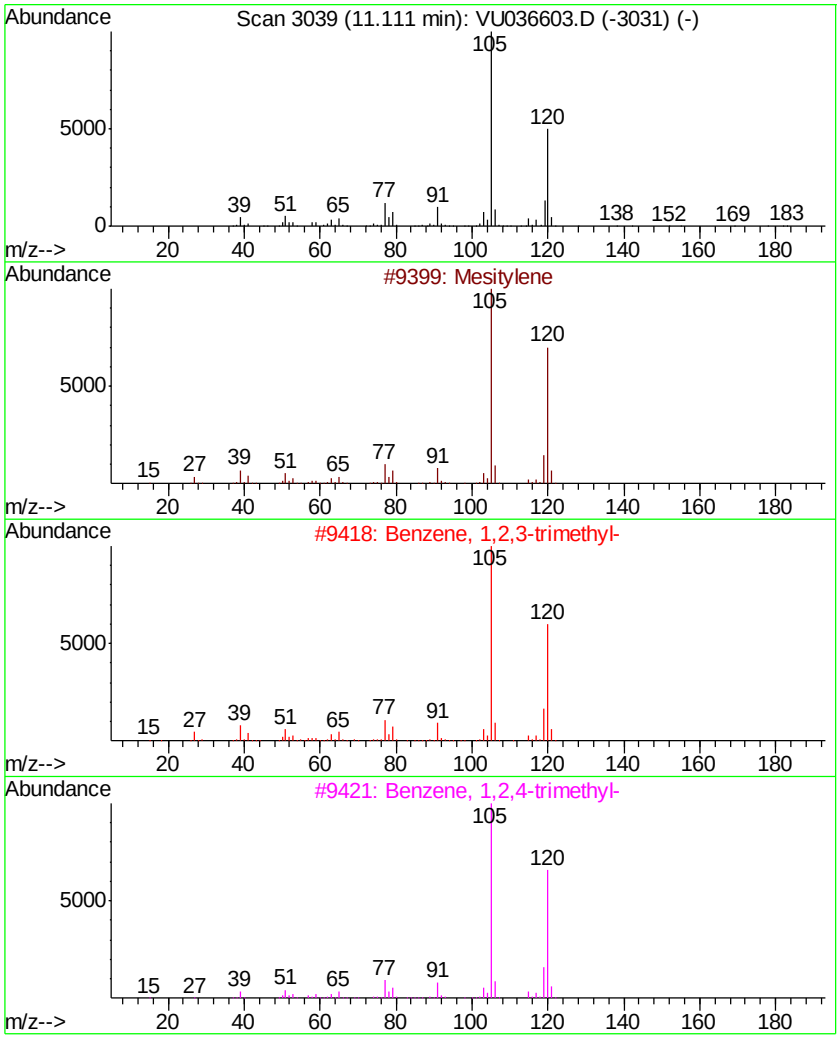
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

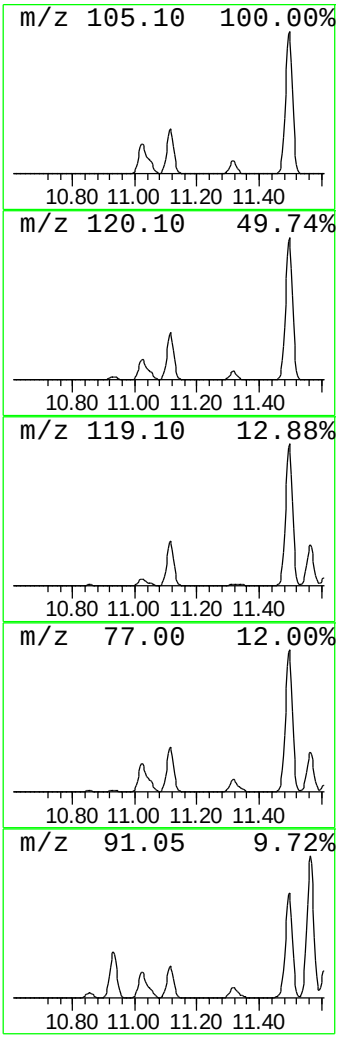
****

Peak Number 5 Mesitylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	353.13 ug/L	8946170	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	Mesitylene	120	C9H12	000108-67-8	93





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036603.D
Acq On : 29 Jan 2020 19:21
Operator : JC/MD
Sample : L1271-05
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ6

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

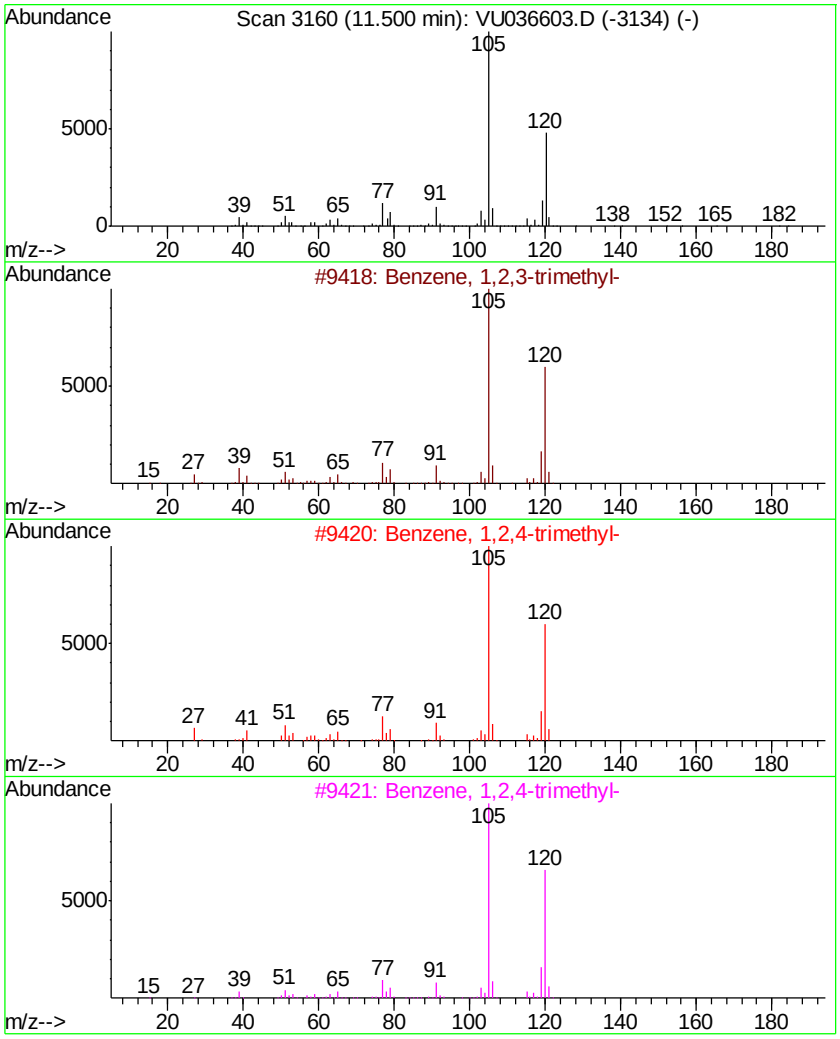
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

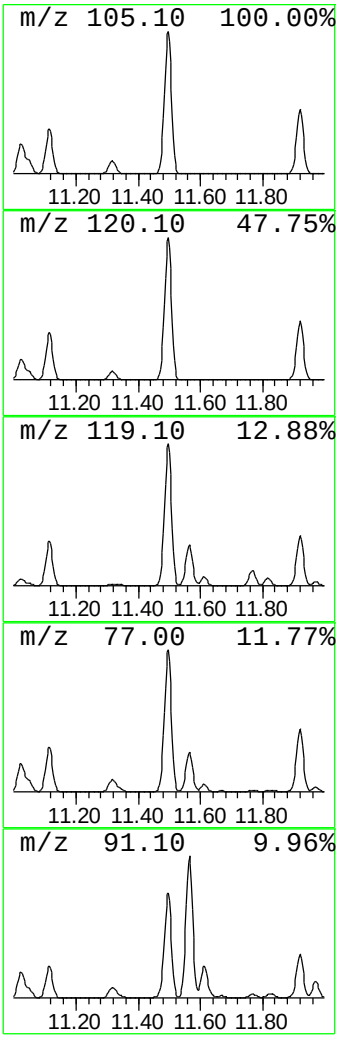
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	1141.42 ug/L	28916800	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	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Mesitylene	120	C9H12	000108-67-8	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036603.D
Acq On : 29 Jan 2020 19:21
Operator : JC/MD
Sample : L1271-05
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ6

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

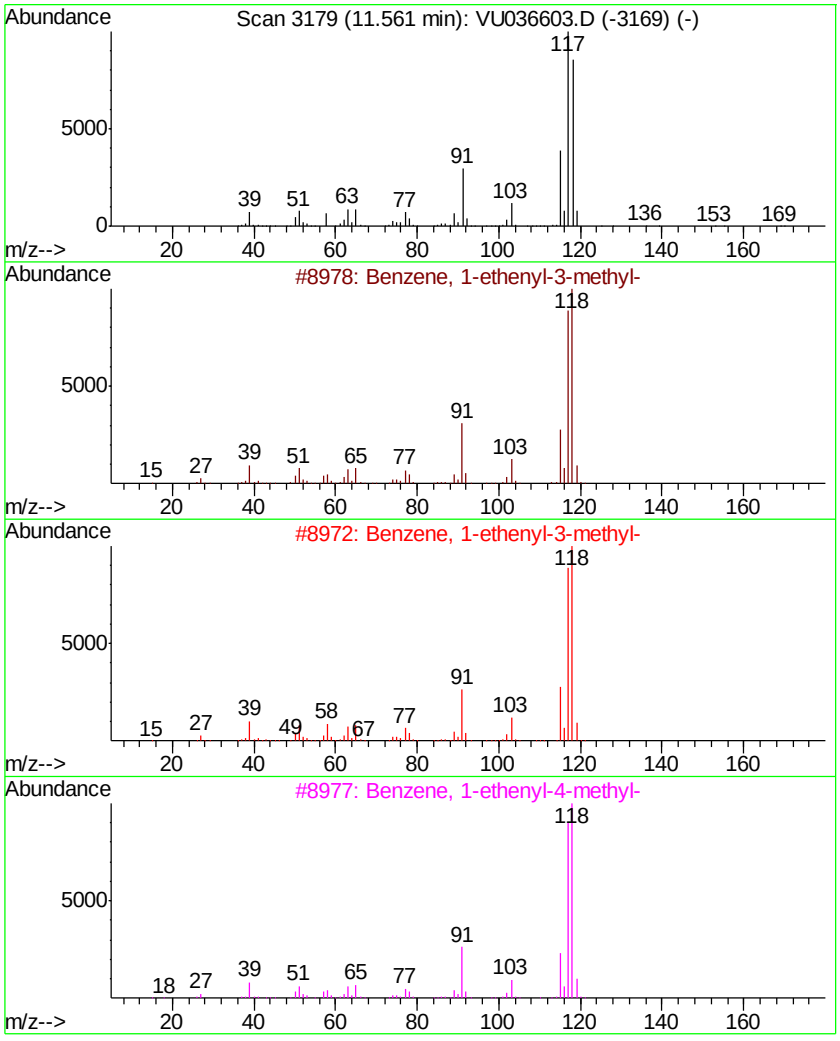
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

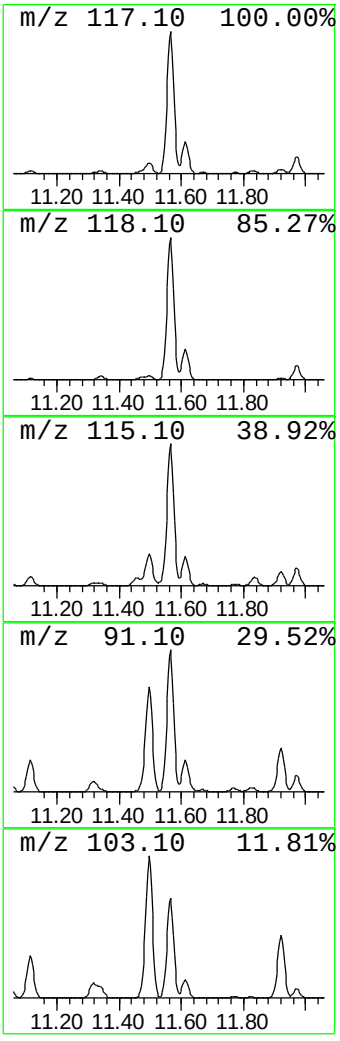
****

Peak Number 8 Benzene, 1-ethenyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	713.26 ug/L	18069800	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, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036603.D
Acq On : 29 Jan 2020 19:21
Operator : JC/MD
Sample : L1271-05
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ6

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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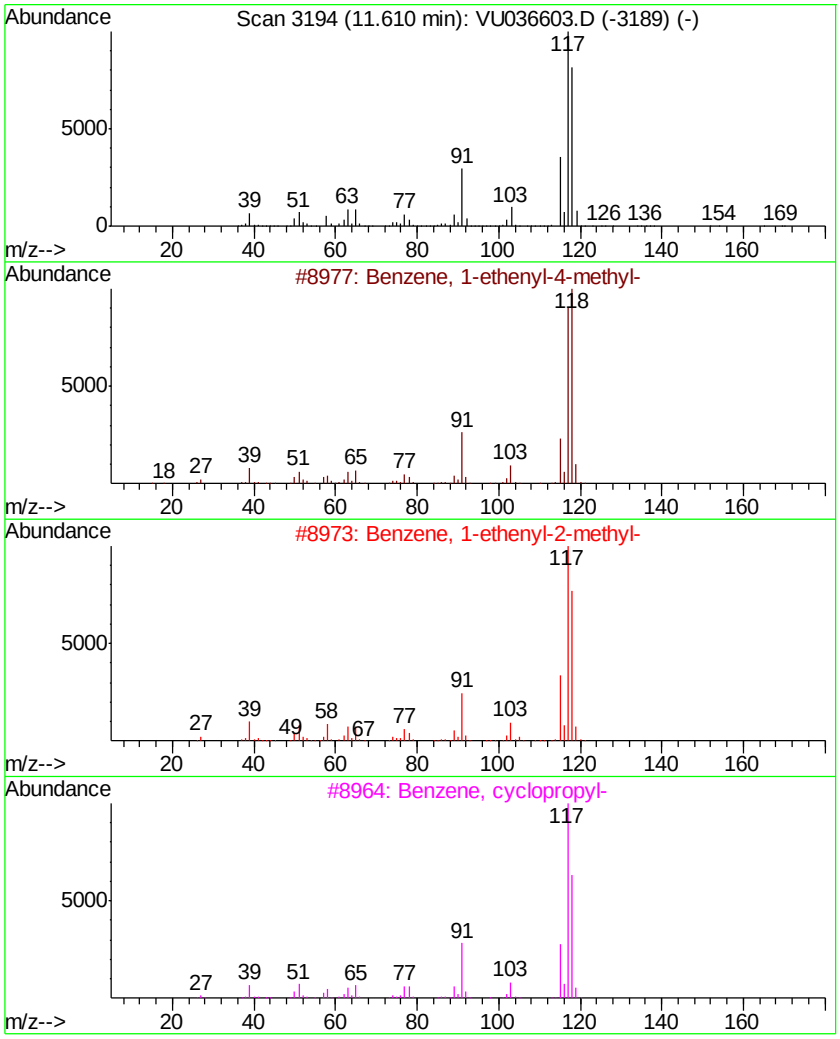
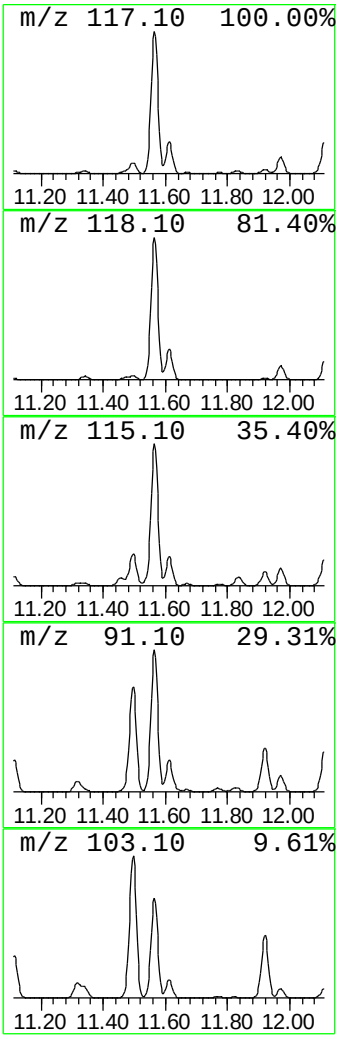
Peak Number 9 Benzene, 1-ethenyl-4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	138.04 ug/L	3497100	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	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-ethenyl-3-methyl-	118	C9H10	000100-80-1	92
5	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036603.D
Acq On : 29 Jan 2020 19:21
Operator : JC/MD
Sample : L1271-05
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ6

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

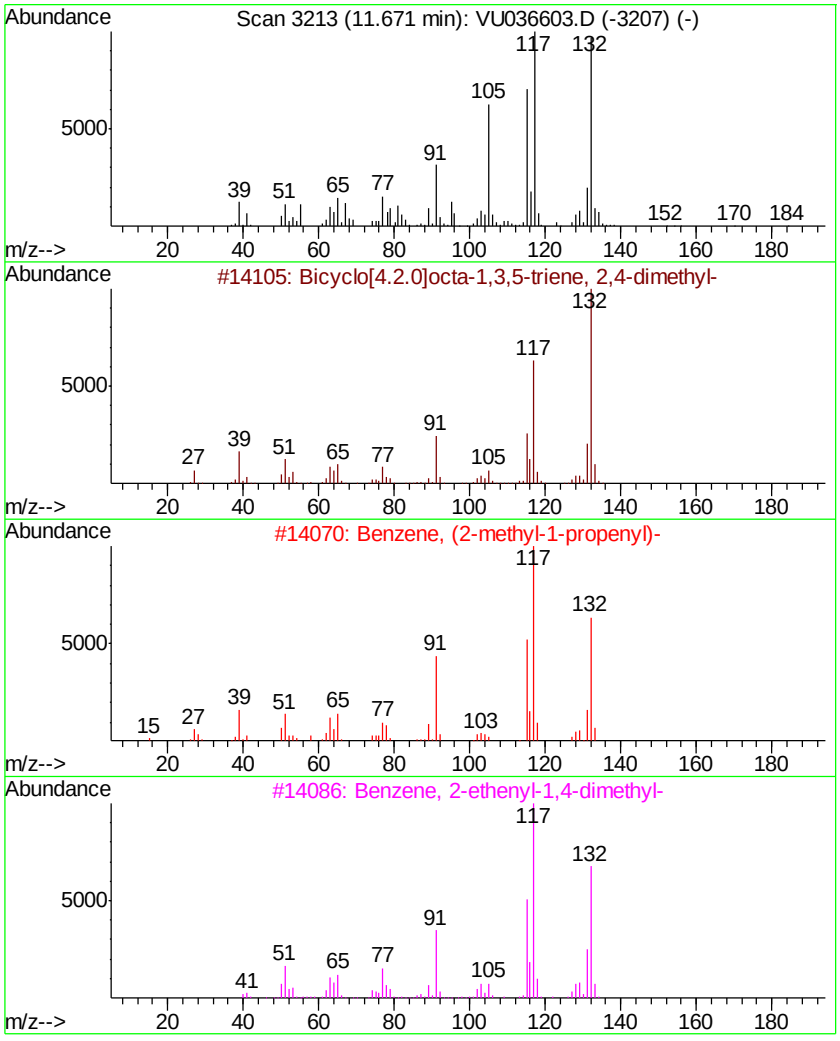
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

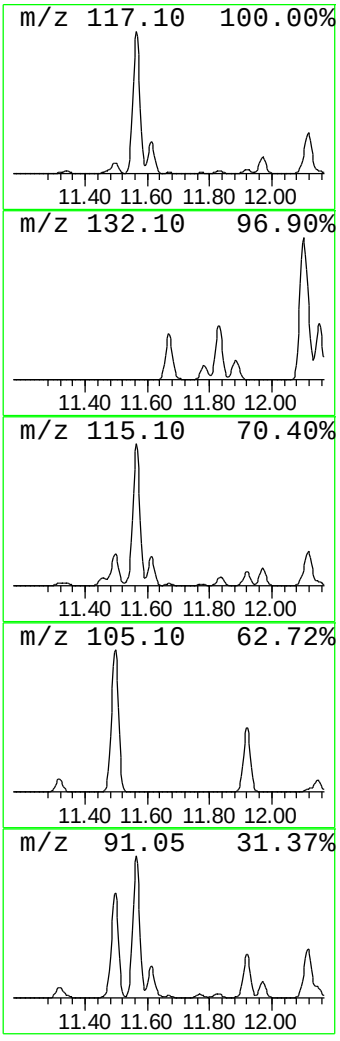
****

Peak Number 10 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	11.10 ug/L	281186	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	93
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	93
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	90
5	o-Isopropenyltoluene	132	C10H12	007399-49-7	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036603.D
Acq On : 29 Jan 2020 19:21
Operator : JC/MD
Sample : L1271-05
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ6

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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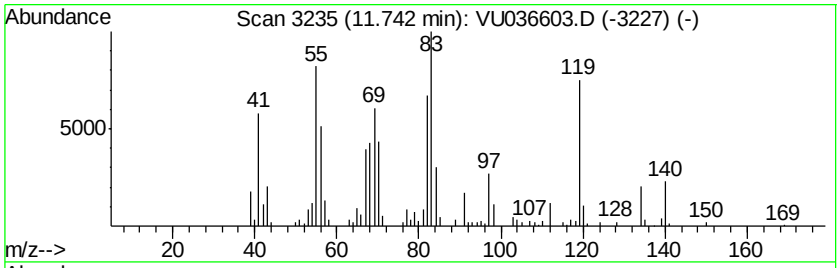
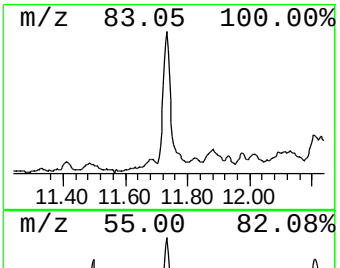
Peak Number 11 Cyclohexane, butyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	3.46 ug/L	87748	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	52
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	47
3	Cyclohexane, methyl-	98	C7H14	000108-87-2	47
4	Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	46
5	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	45





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036603.D
Acq On : 29 Jan 2020 19:21
Operator : JC/MD
Sample : L1271-05
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ6

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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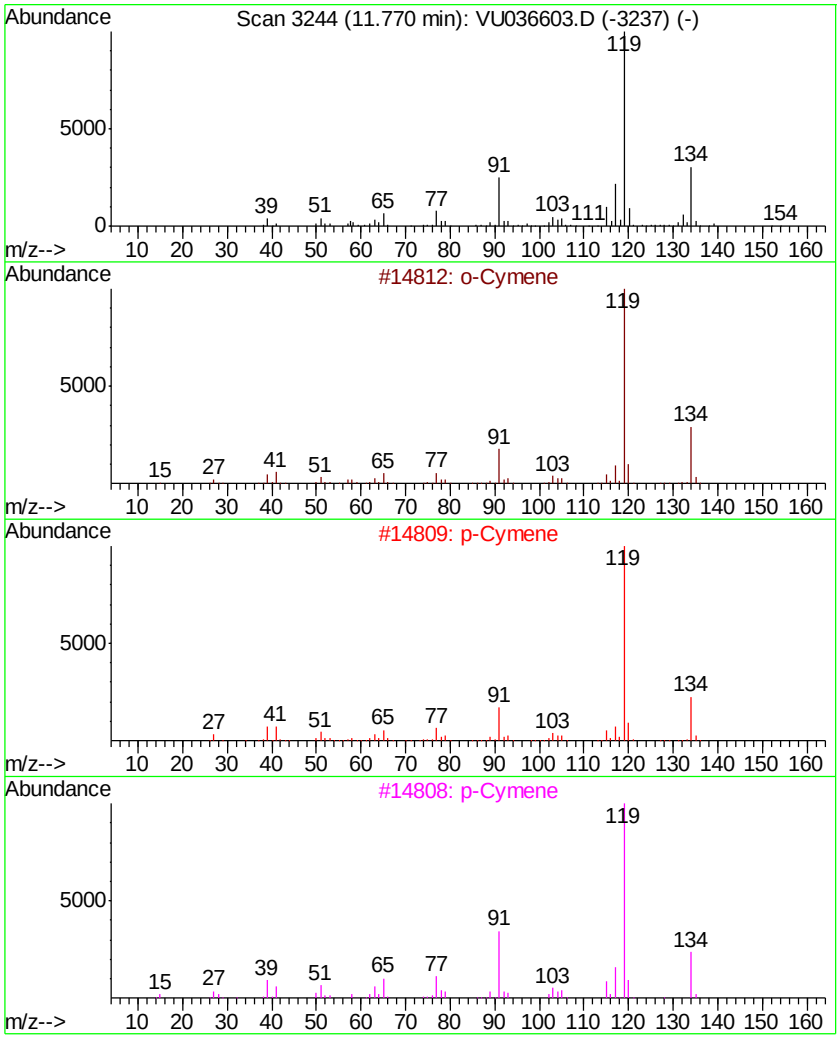
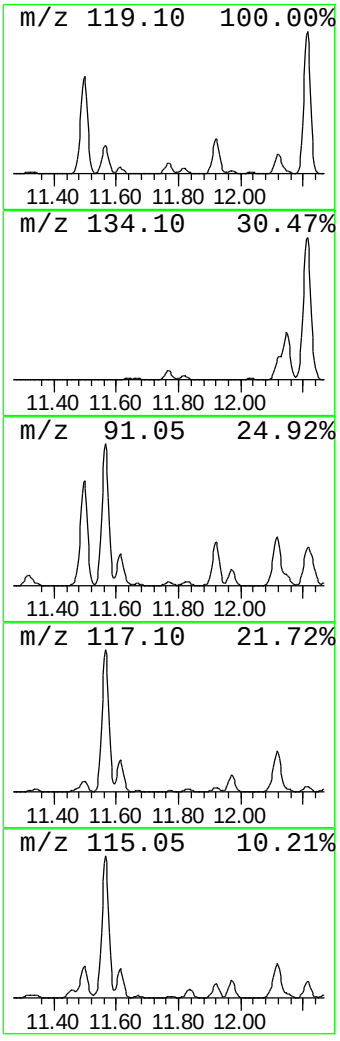
Peak Number 12 o-Cymene Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	14.25 ug/L	361106	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	p-Cymene	134	C10H14	000099-87-6	94
3	p-Cymene	134	C10H14	000099-87-6	93
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036603.D
Acq On : 29 Jan 2020 19:21
Operator : JC/MD
Sample : L1271-05
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ6

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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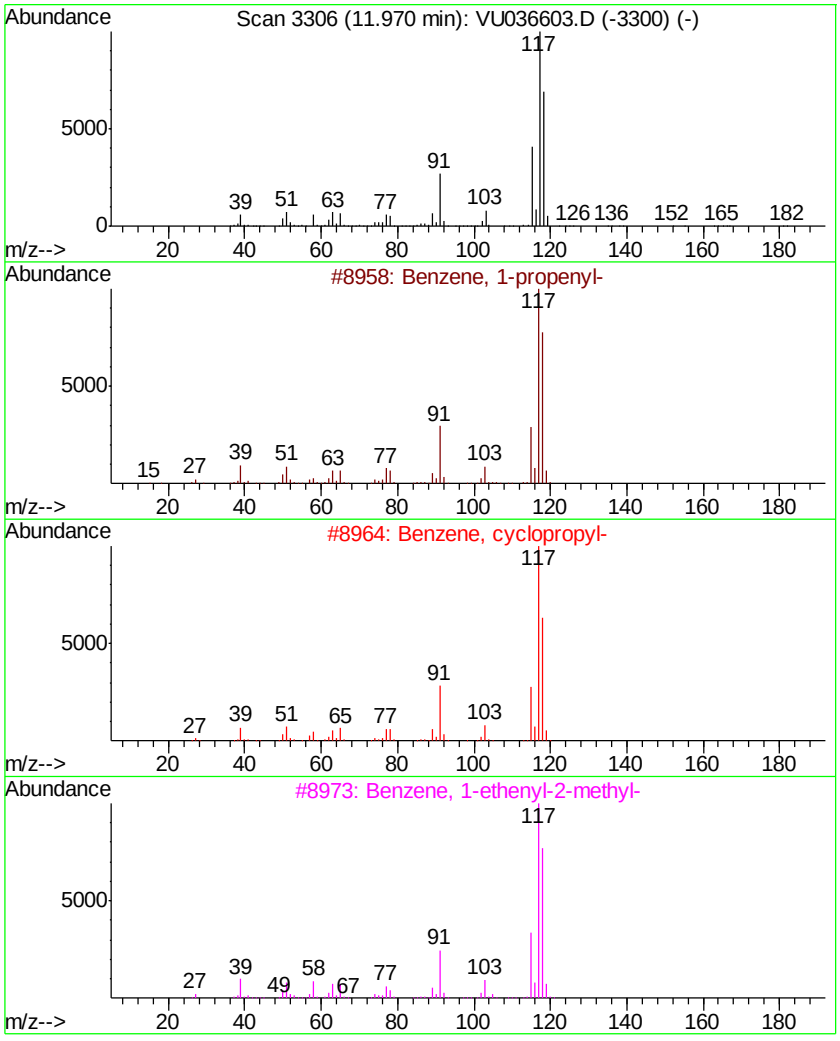
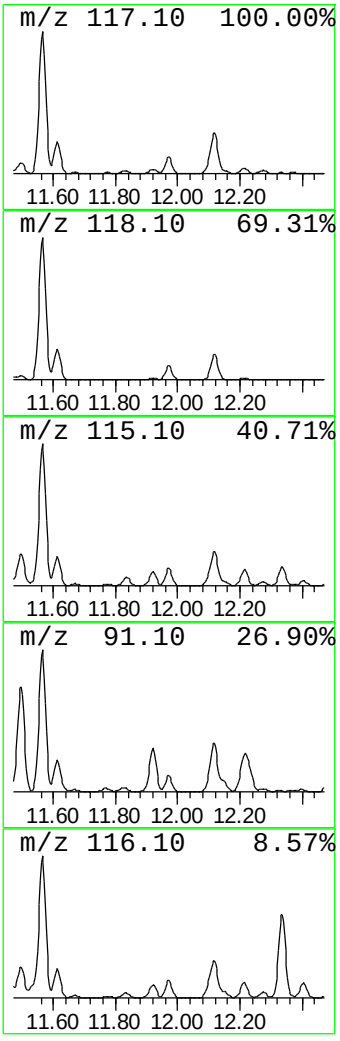
Peak Number 14 Benzene, 1-propenyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	72.88 ug/L	1846230	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, cyclopropyl-	118	C9H10	000873-49-4	95
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
4	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	91
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	89





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Data File : VU036603.D
Acq On : 29 Jan 2020 19:21
Operator : JC/MD
Sample : L1271-05
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ6

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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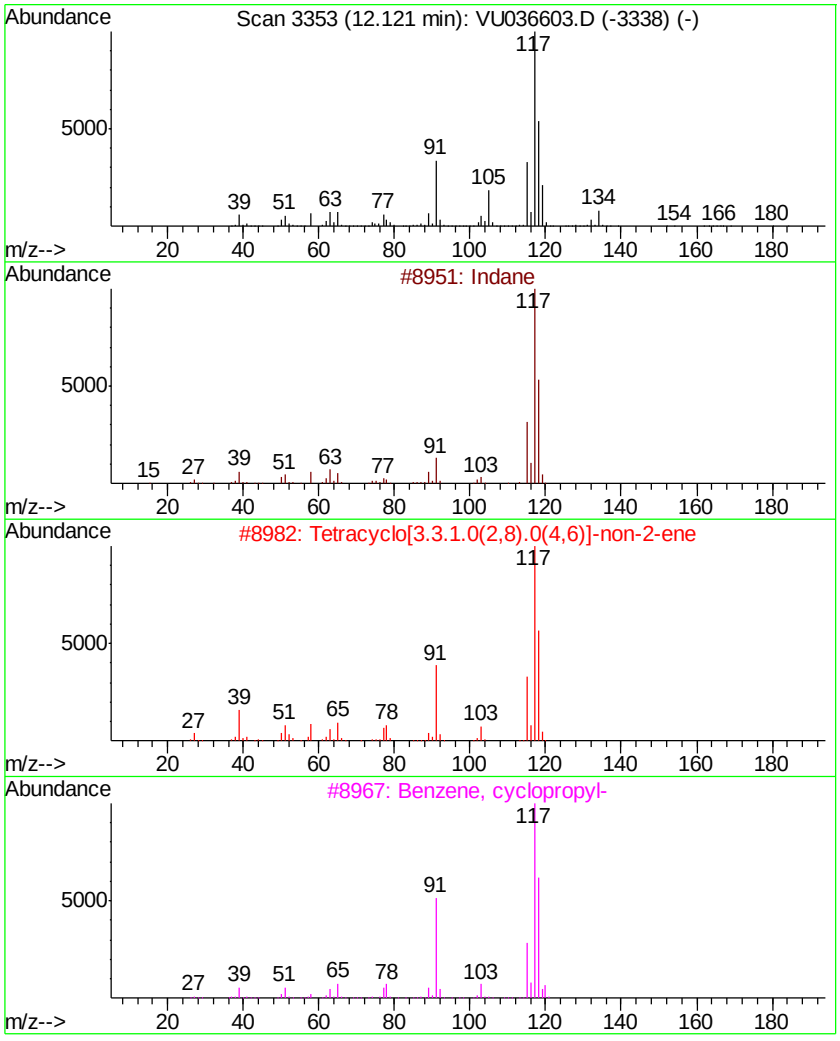
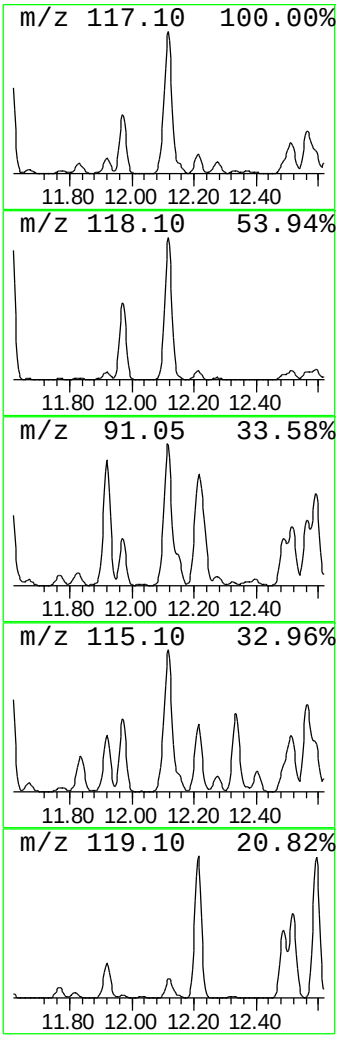
Peak Number 15 Indane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	235.79 ug/L	5973570	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	70
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	70
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	58
4	Indane	118	C9H10	000496-11-7	58
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036603.D
Acq On : 29 Jan 2020 19:21
Operator : JC/MD
Sample : L1271-05
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ6

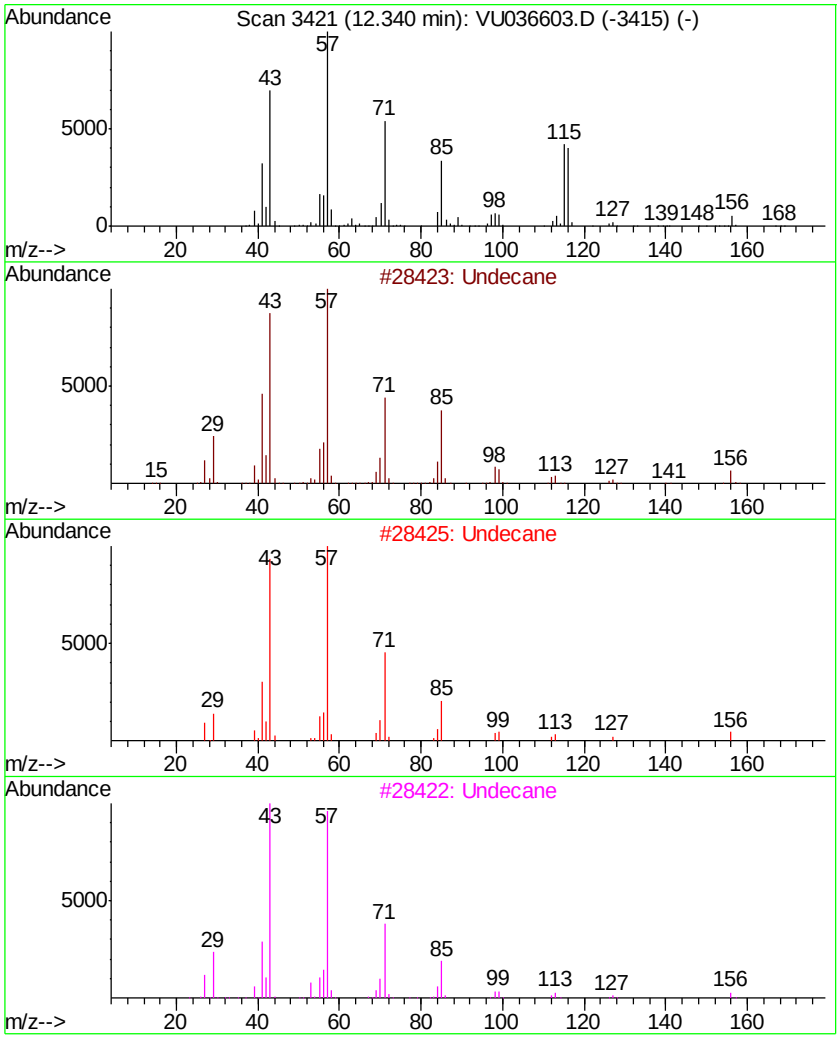
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

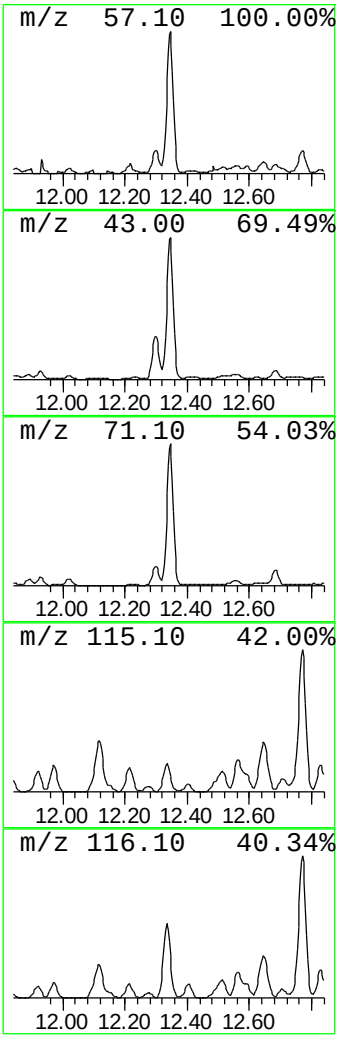
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	79.63 ug/L	2017410	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	90
2	Undecane	156	C11H24	001120-21-4	70
3	Undecane	156	C11H24	001120-21-4	70
4	Undecane	156	C11H24	001120-21-4	70
5	Hexadecane	226	C16H34	000544-76-3	52





Library Search Compound Report

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Data File : VU036603.D
Acq On : 29 Jan 2020 19:21
Operator : JC/MD
Sample : L1271-05
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ6

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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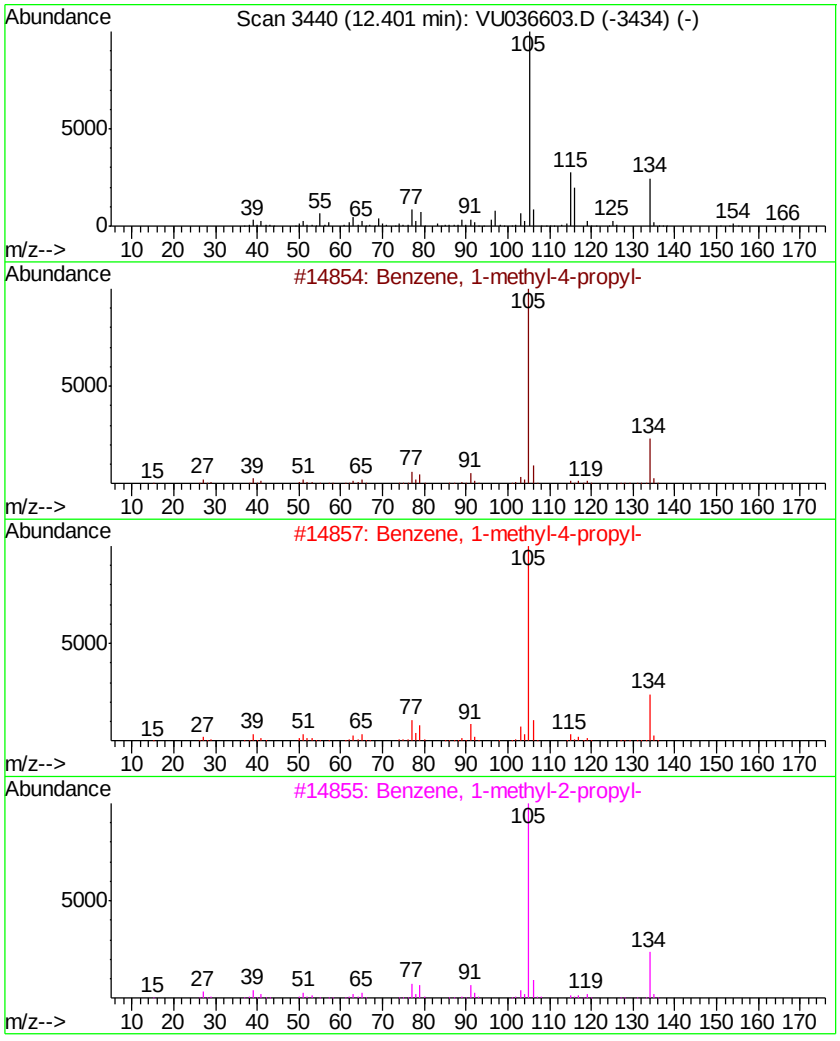
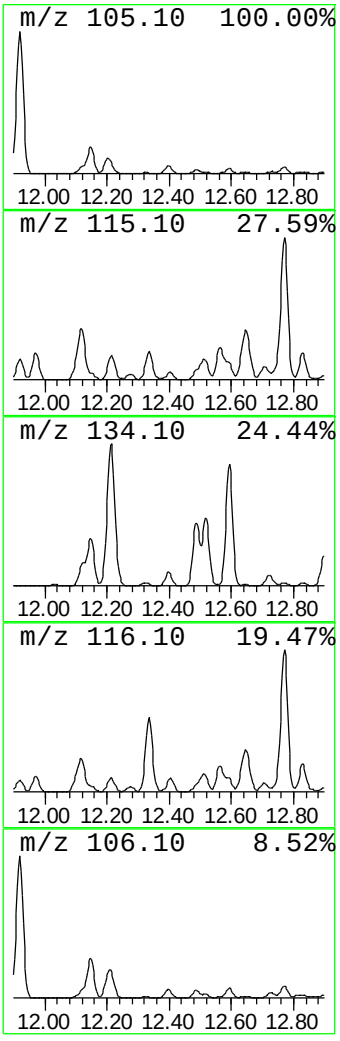
Peak Number 17 Benzene, 1-methyl-4-propyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	32.13 ug/L	813875	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	60
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	53
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	53
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	49
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	49





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036603.D
Acq On : 29 Jan 2020 19:21
Operator : JC/MD
Sample : L1271-05
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ6

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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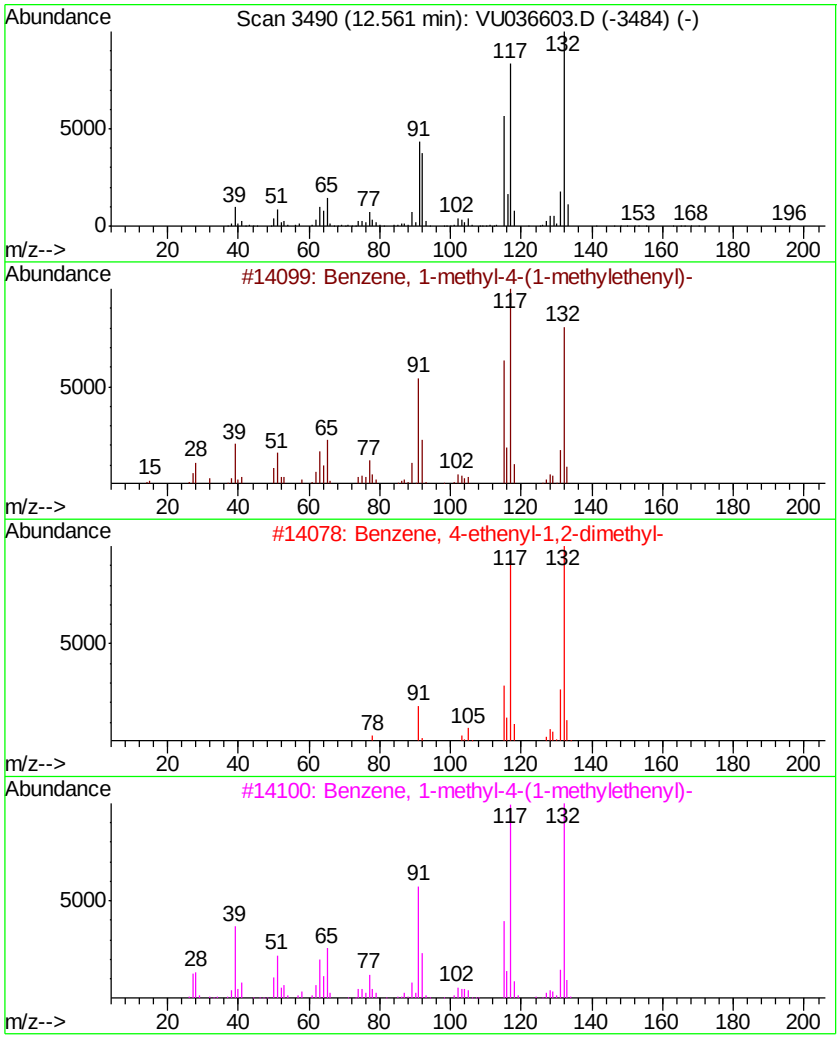
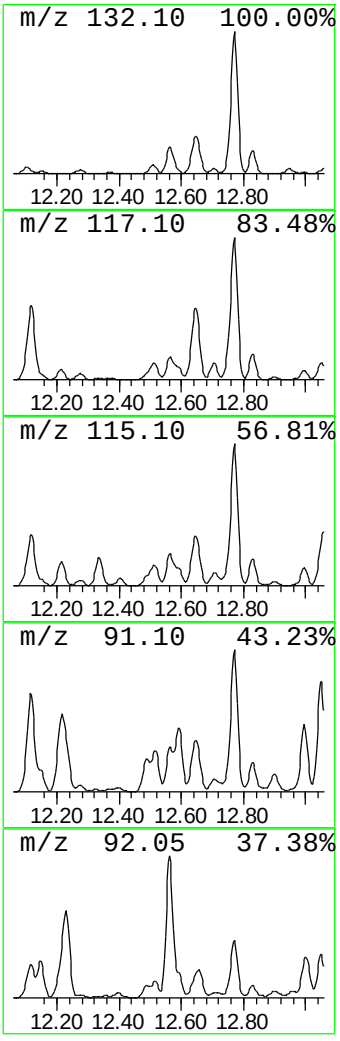
Peak Number 19 Benzene, 1-methyl-4-(1-meth... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	63.63 ug/L	1611960	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, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	91
3	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	87
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	83





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036603.D
Acq On : 29 Jan 2020 19:21
Operator : JC/MD
Sample : L1271-05
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ6

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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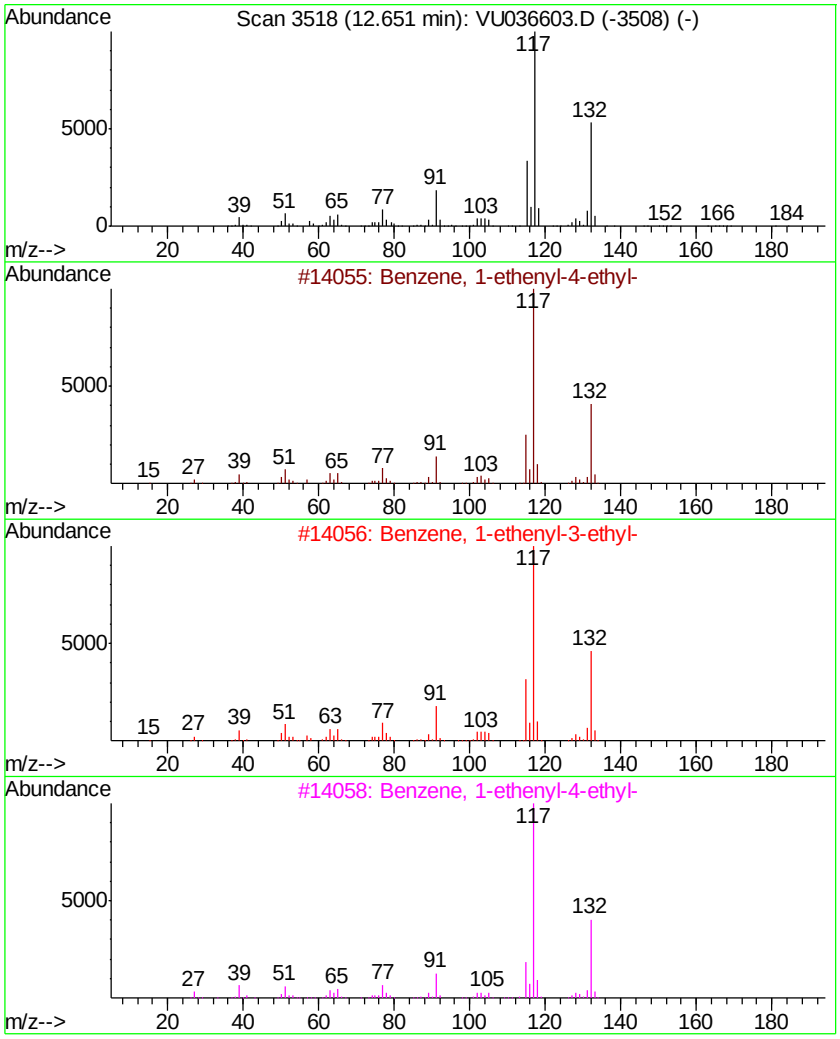
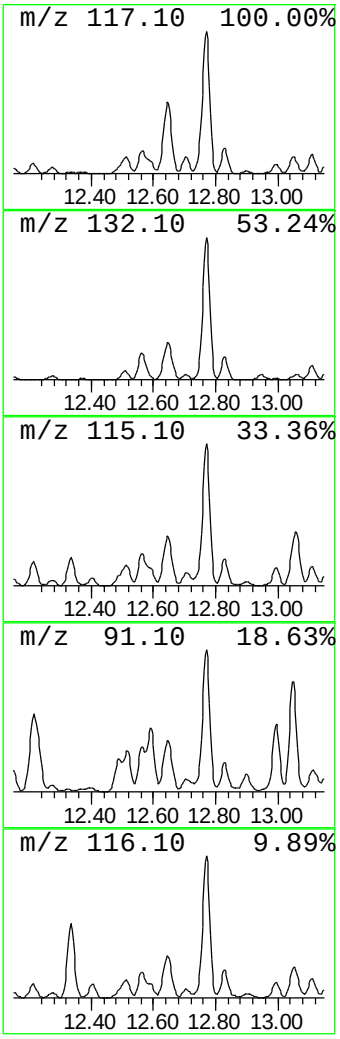
Peak Number 20 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	182.74 ug/L	4629540	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	97
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	96
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	91
5	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036603.D
Acq On : 29 Jan 2020 19:21
Operator : JC/MD
Sample : L1271-05
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ6

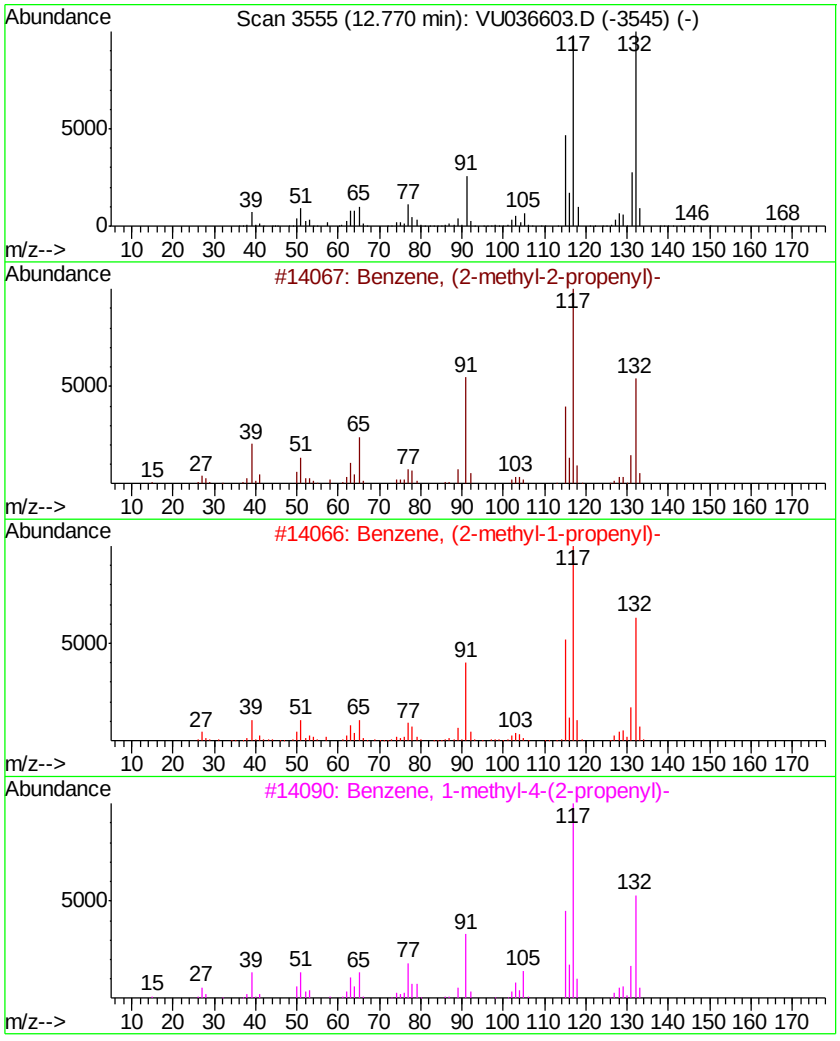
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

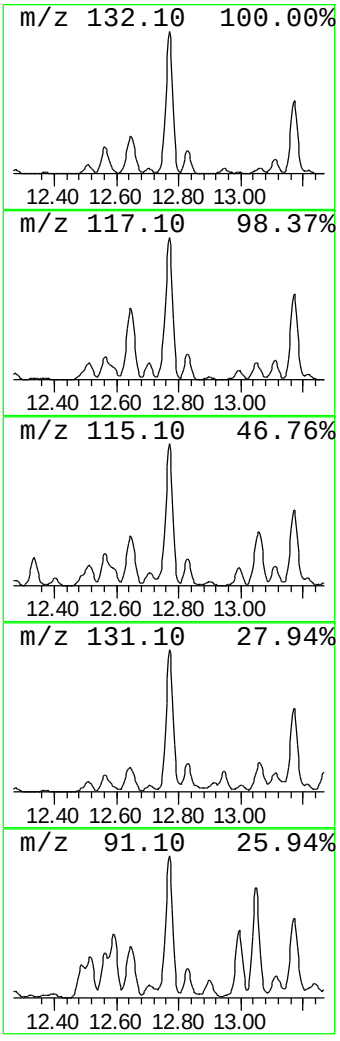
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzene, (2-methyl-2-propen... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	488.92 ug/L	12386200	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	95
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	94
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	94
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036603.D
Acq On : 29 Jan 2020 19:21
Operator : JC/MD
Sample : L1271-05
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ6

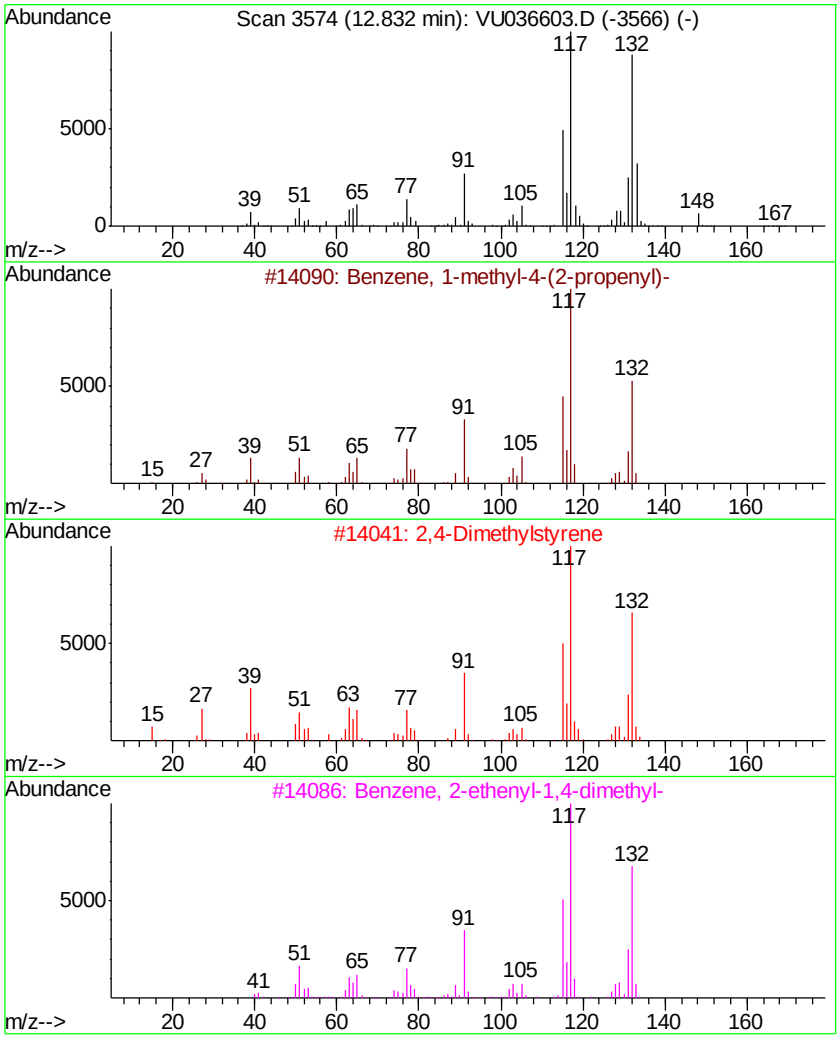
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

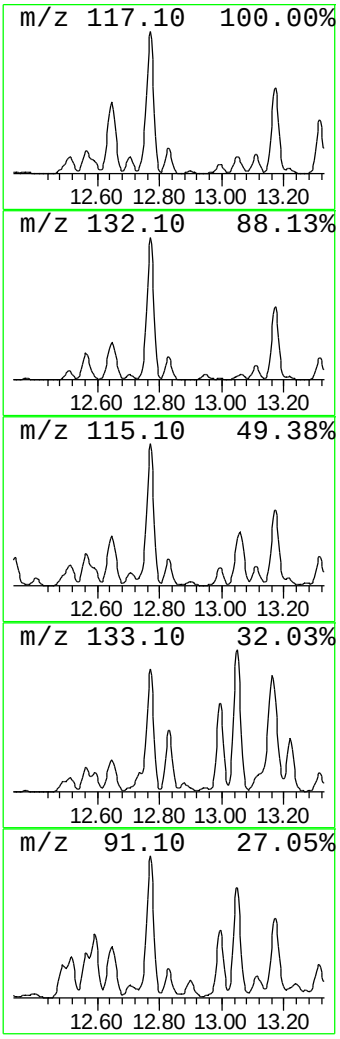
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzene, 1-methyl-4-(2-prop... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	83.09 ug/L	2105030	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	95
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	95
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	94
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036603.D
Acq On : 29 Jan 2020 19:21
Operator : JC/MD
Sample : L1271-05
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ6

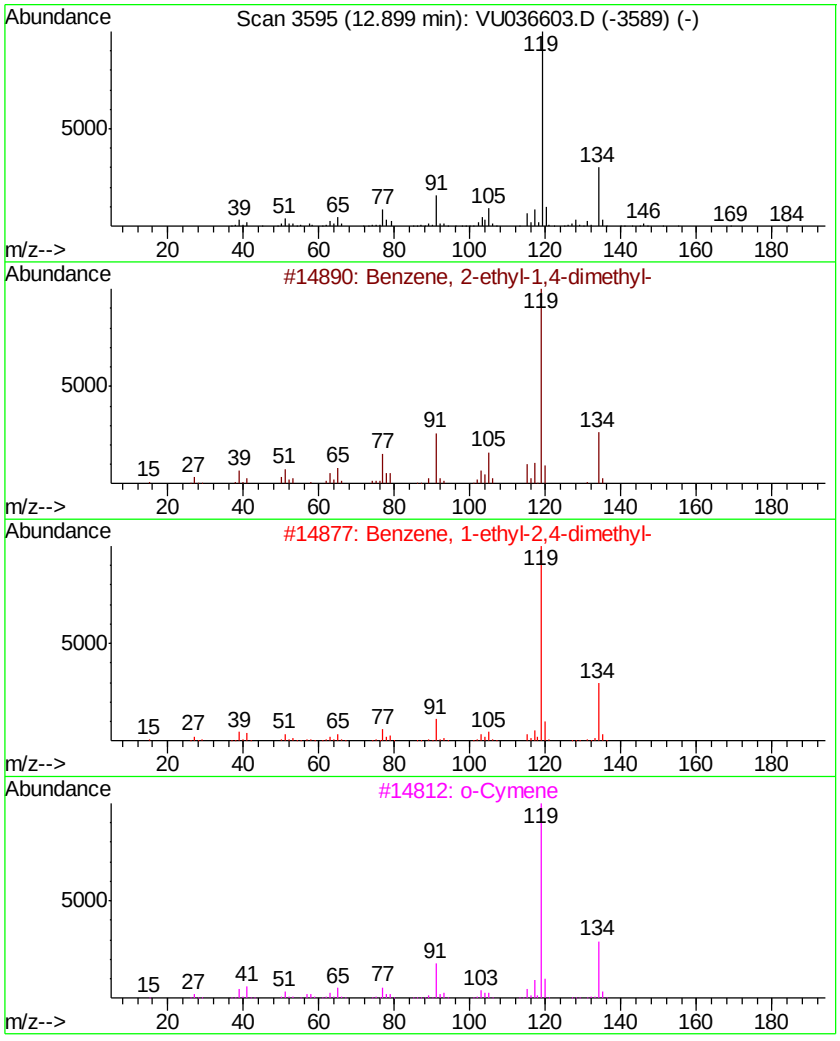
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

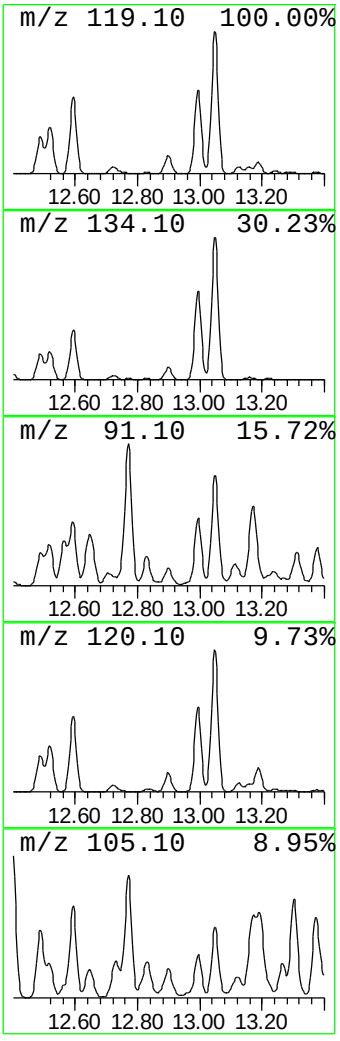
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	36.26 ug/L	918505	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	95
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036603.D
Acq On : 29 Jan 2020 19:21
Operator : JC/MD
Sample : L1271-05
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ6

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

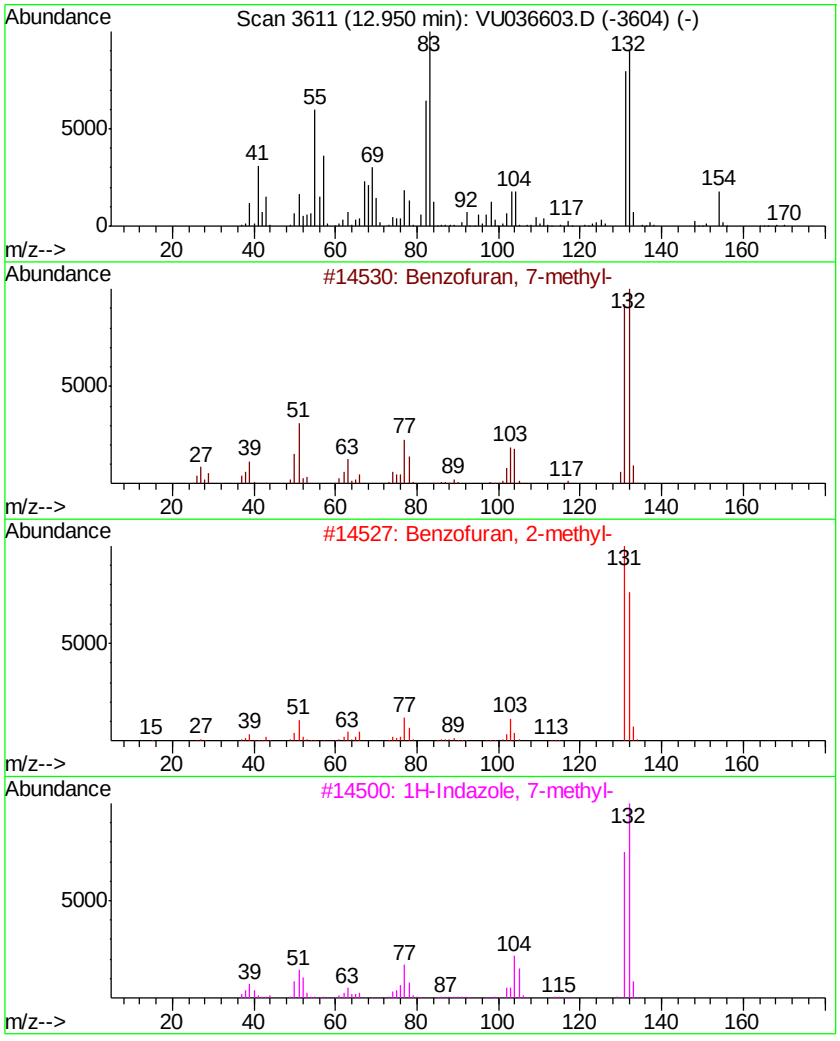
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

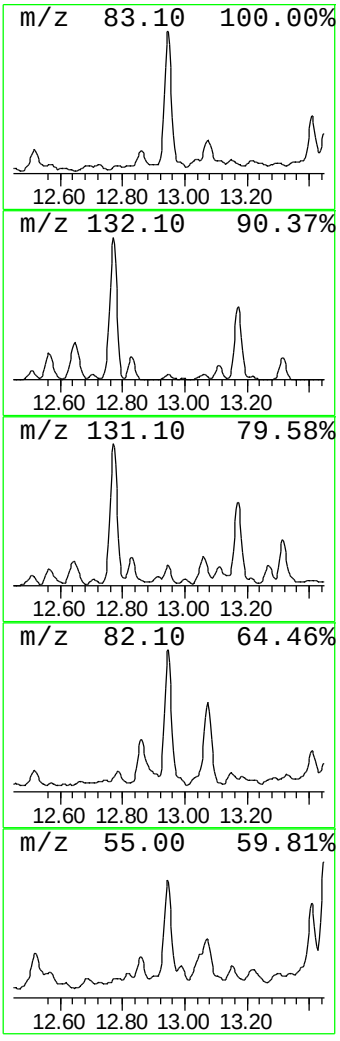
****

Peak Number 24 Benzofuran, 7-methyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	22.06 ug/L	558838	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	89
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	50
3	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	50
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	46
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	45





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036603.D
Acq On : 29 Jan 2020 19:21
Operator : JC/MD
Sample : L1271-05
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ6

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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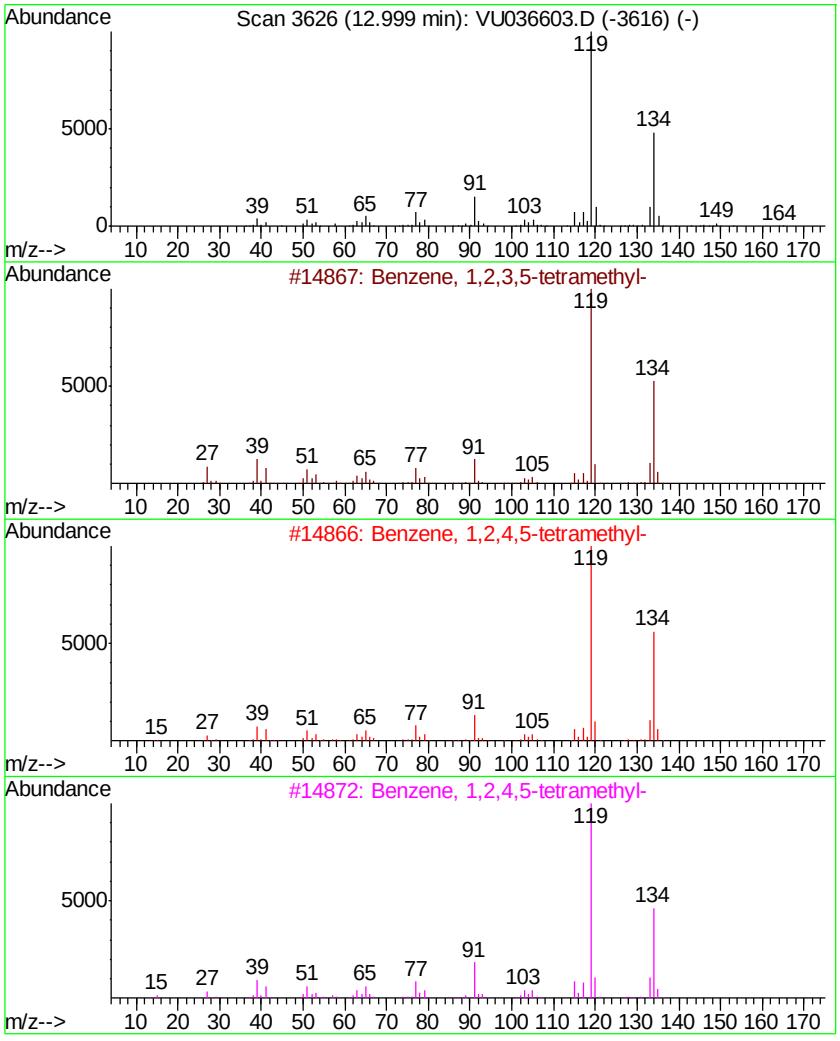
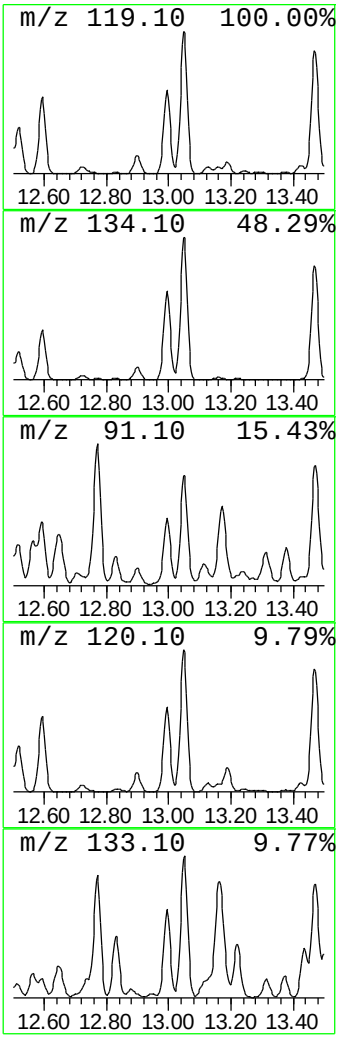
Peak Number 25 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	190.26 ug/L	4820040	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, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95





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Data File : VU036603.D
Acq On : 29 Jan 2020 19:21
Operator : JC/MD
Sample : L1271-05
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ6

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

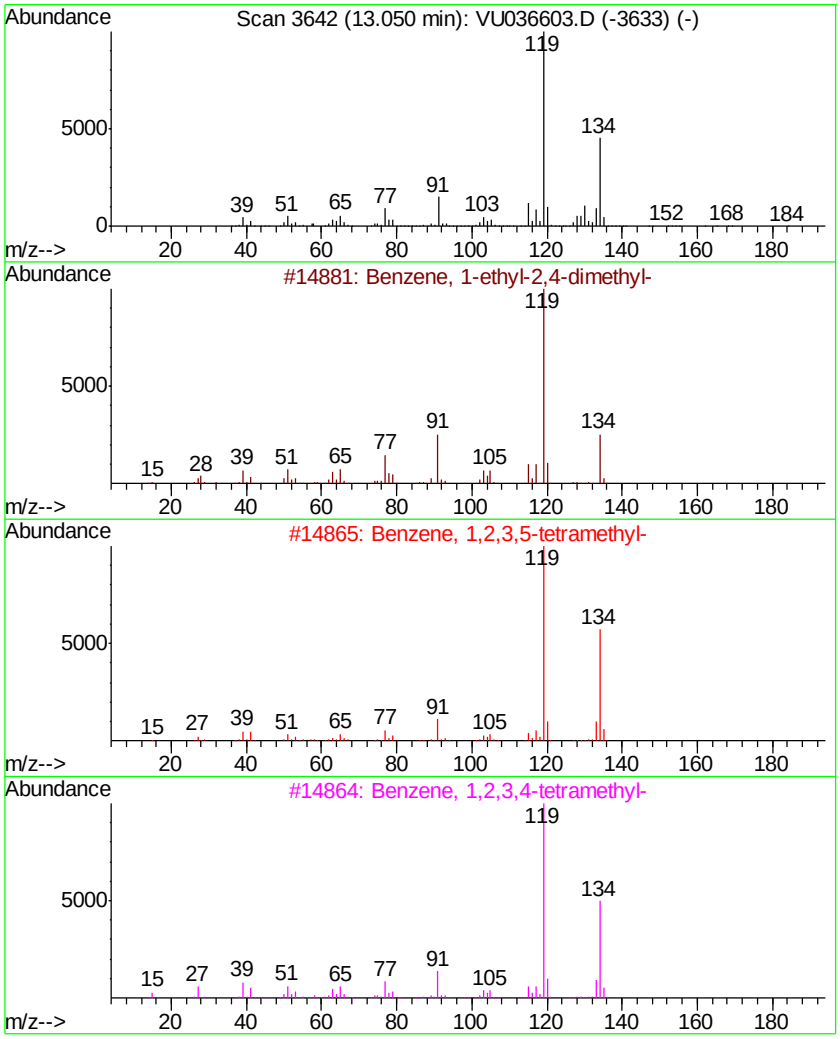
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

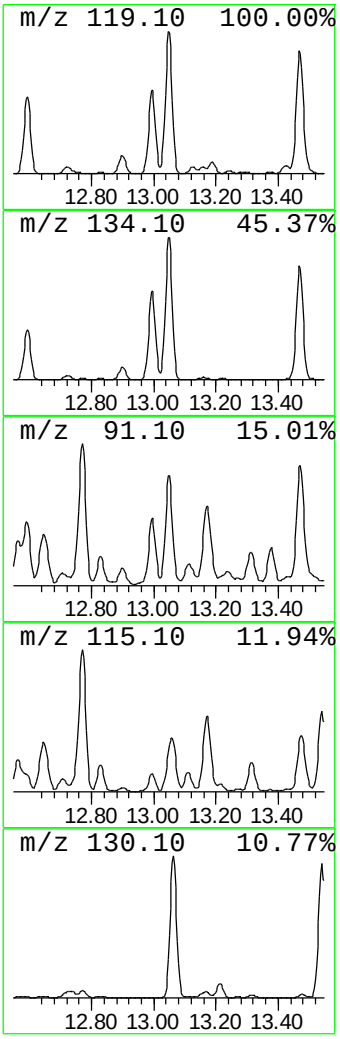
****

Peak Number 26 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	469.44 ug/L	11892900	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, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036603.D
Acq On : 29 Jan 2020 19:21
Operator : JC/MD
Sample : L1271-05
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ6

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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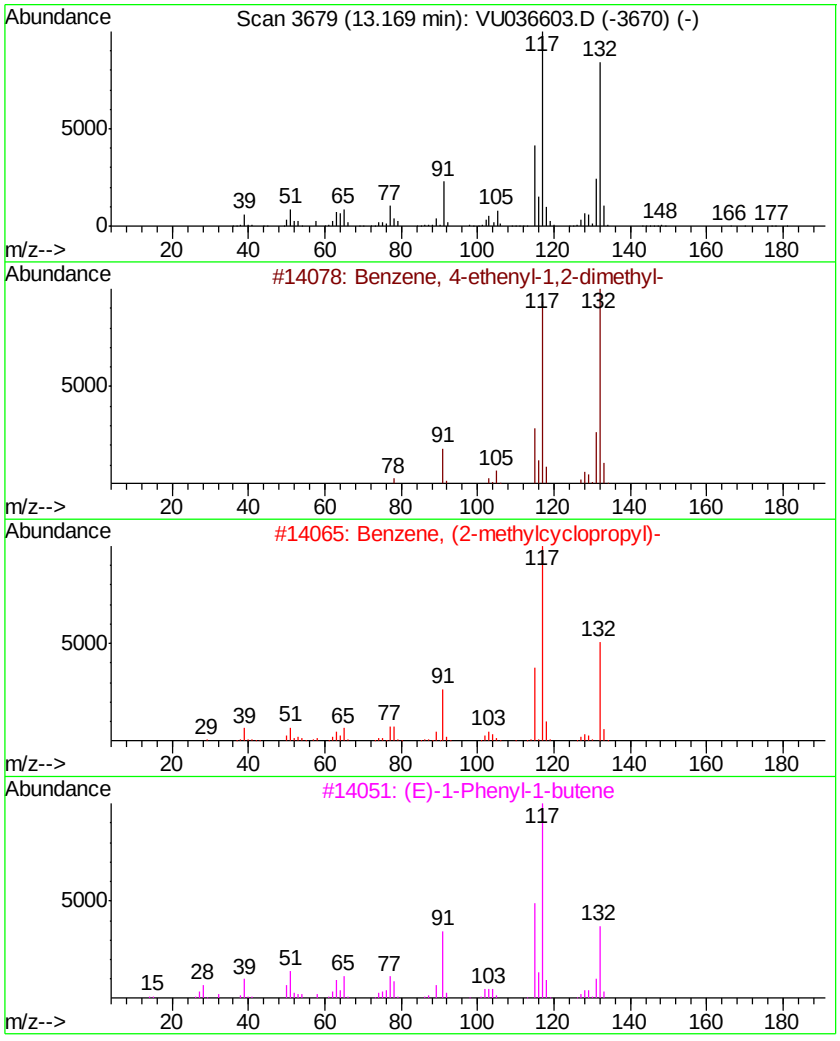
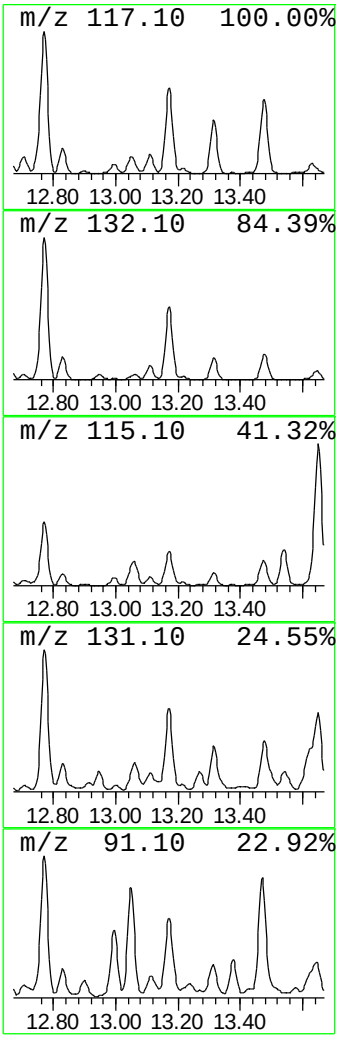
Peak Number 27 Benzene, 4-ethenyl-1,2-dime... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	284.21 ug/L	7200090	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	96
2	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	94
3	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	94
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	94
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036603.D
Acq On : 29 Jan 2020 19:21
Operator : JC/MD
Sample : L1271-05
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ6

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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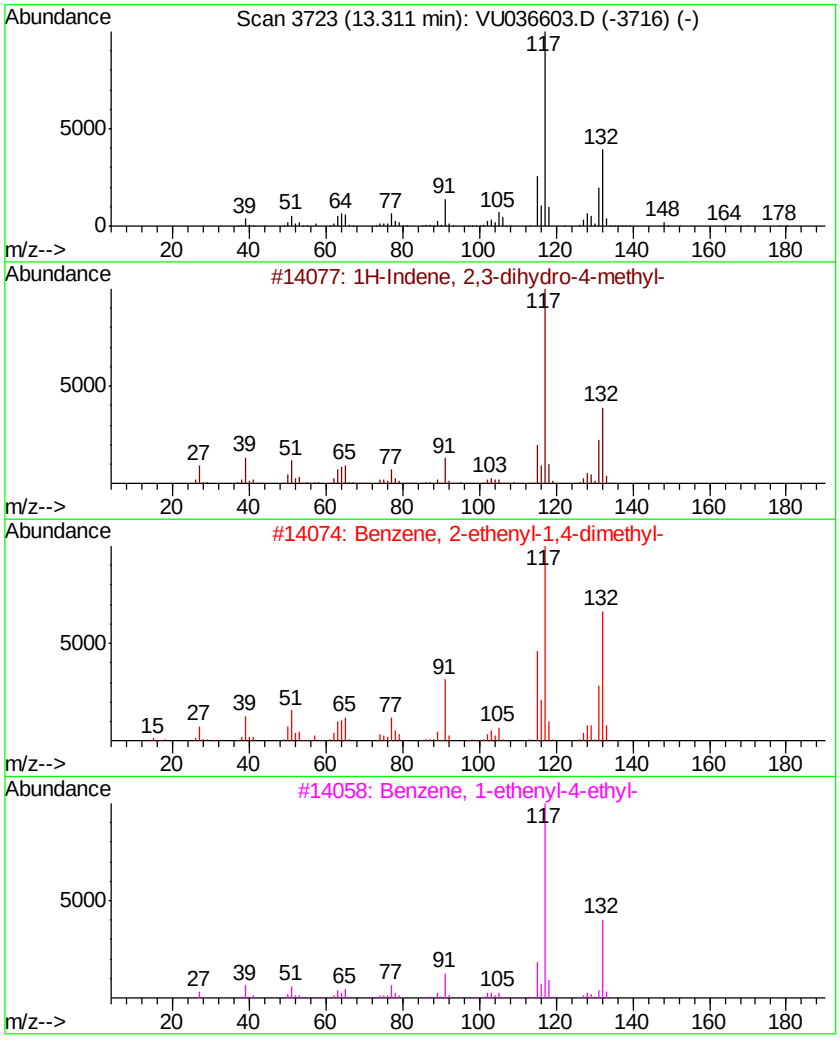
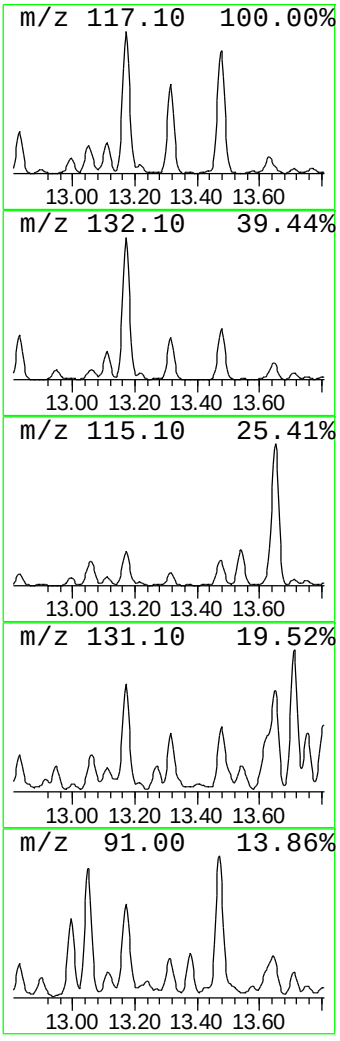
Peak Number 28 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	126.31 ug/L	3200030	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	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
4	Indan, 1-methyl-	132	C10H12	000767-58-8	90
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036603.D
Acq On : 29 Jan 2020 19:21
Operator : JC/MD
Sample : L1271-05
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ6

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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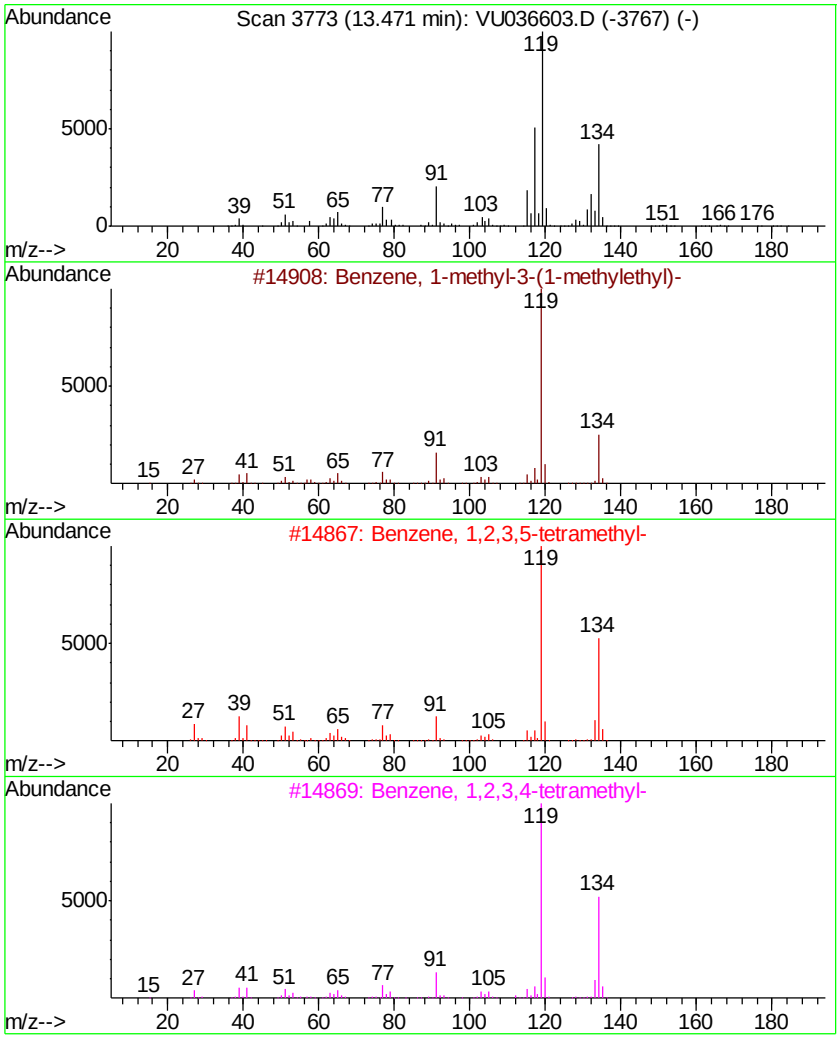
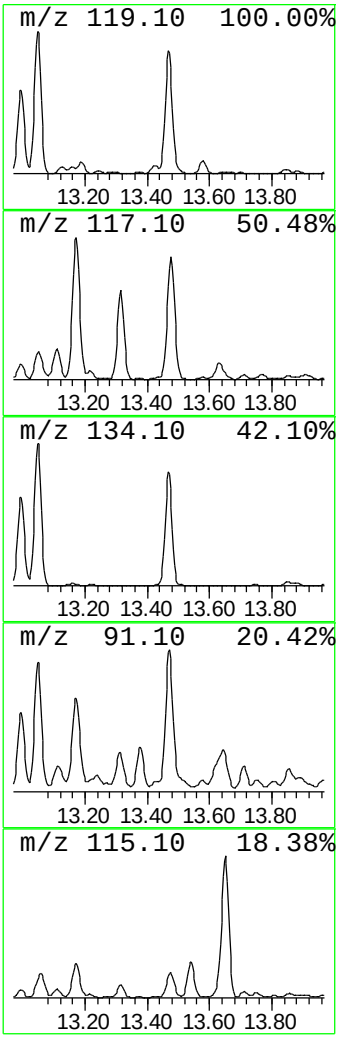
Peak Number 29 Benzene, 1-methyl-3-(1-meth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	444.80 ug/L	11268700	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	70
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70
4	o-Cymene	134	C10H14	000527-84-4	70
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036603.D
Acq On : 29 Jan 2020 19:21
Operator : JC/MD
Sample : L1271-05
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ6

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

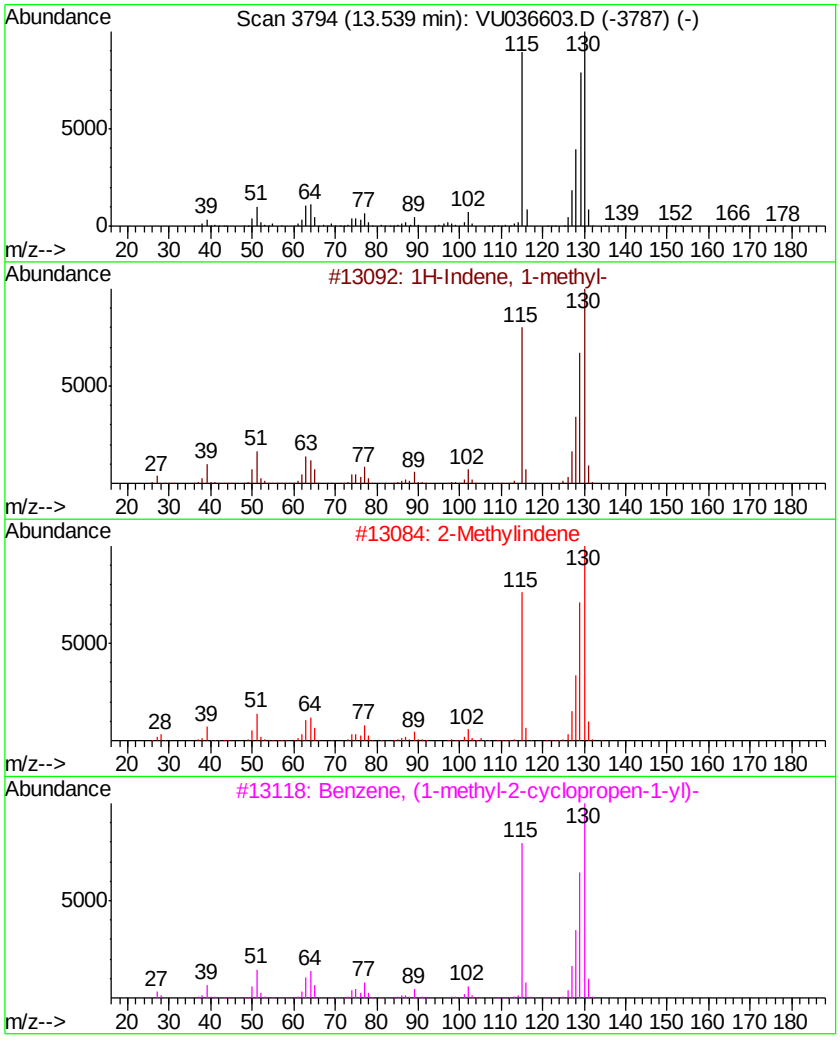
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

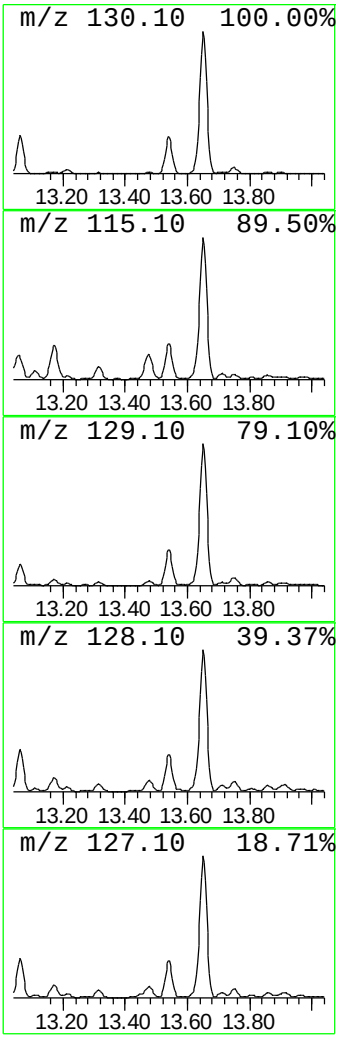
****

Peak Number 30 1H-Indene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	113.51 ug/L	2875610	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	93
2	2-Methylindene	130	C10H10	002177-47-1	93
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	90
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	87
5	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036603.D
Acq On : 29 Jan 2020 19:21
Operator : JC/MD
Sample : L1271-05
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ6

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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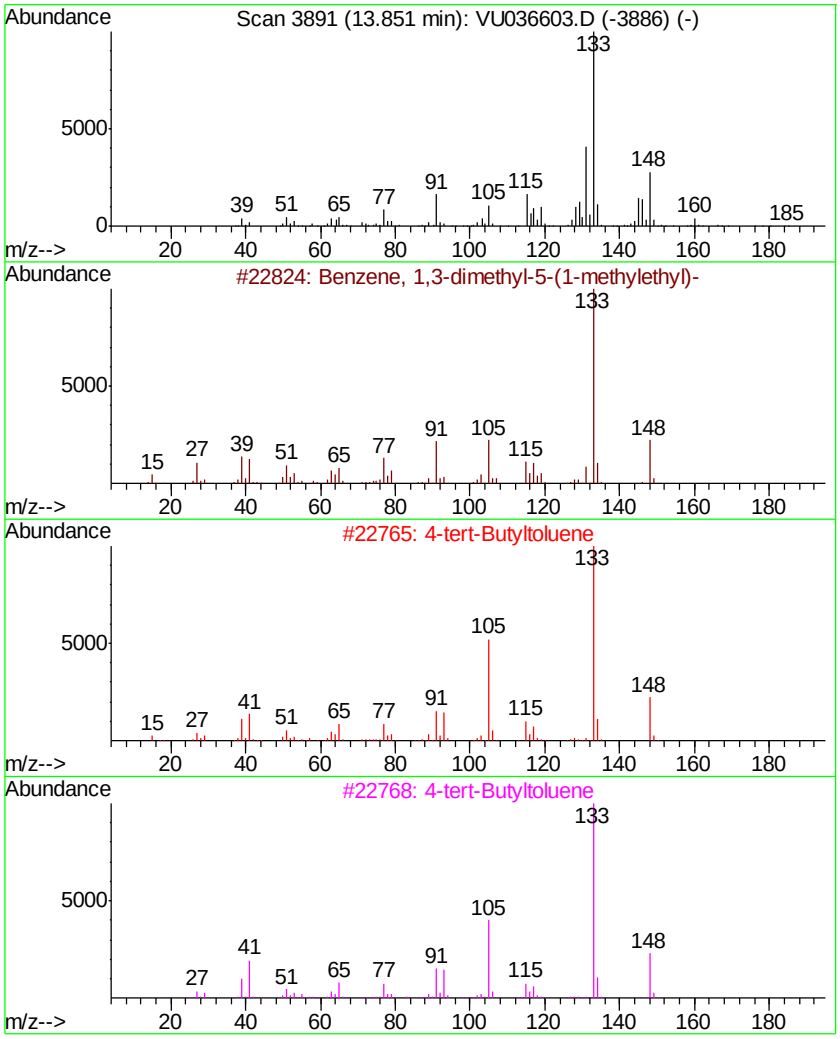
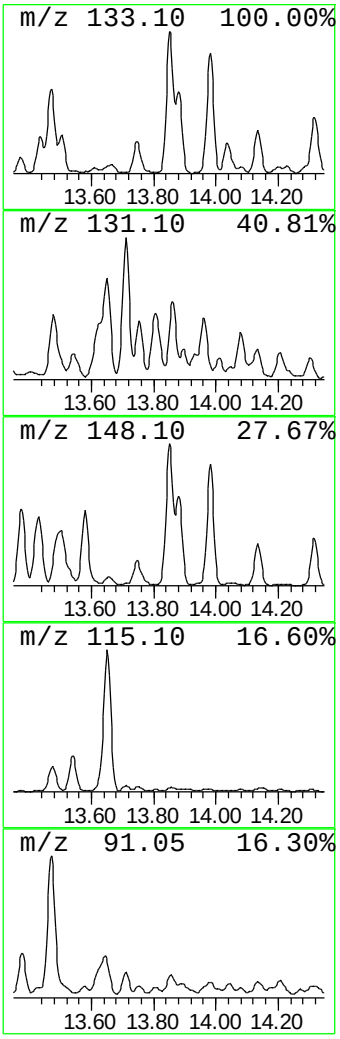
Peak Number 32 unknown-01 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	62.04 ug/L	1571700	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	49
2	4-tert-Butyltoluene	148	C11H16	000098-51-1	46
3	4-tert-Butyltoluene	148	C11H16	000098-51-1	46
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	46
5	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036603.D
Acq On : 29 Jan 2020 19:21
Operator : JC/MD
Sample : L1271-05
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ6

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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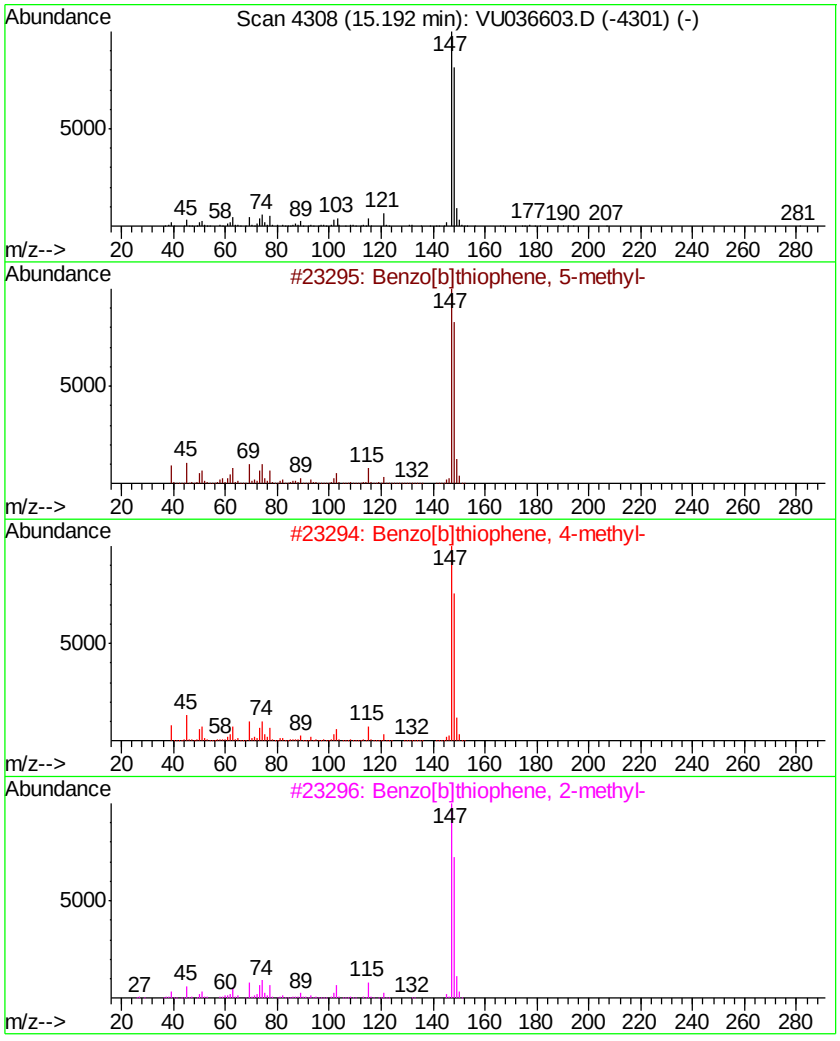
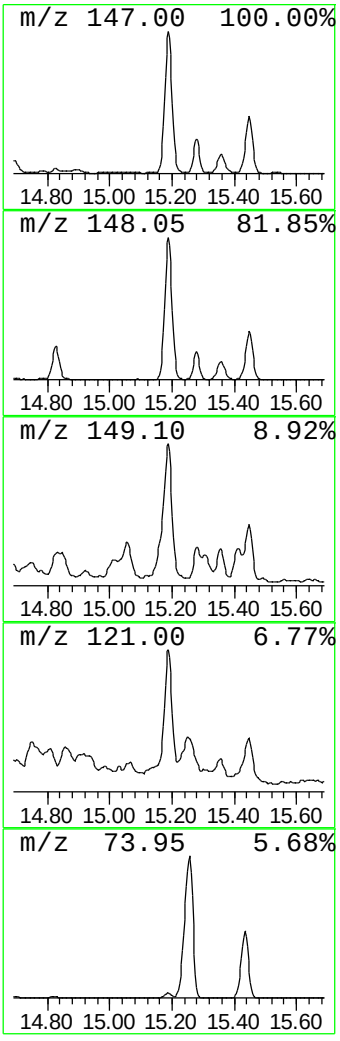
Peak Number 34 Benzo[b]thiophene, 5-methyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	20.77 ug/L	526186	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91
2	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	87
5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	86





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036603.D
Acq On : 29 Jan 2020 19:21
Operator : JC/MD
Sample : L1271-05
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ6

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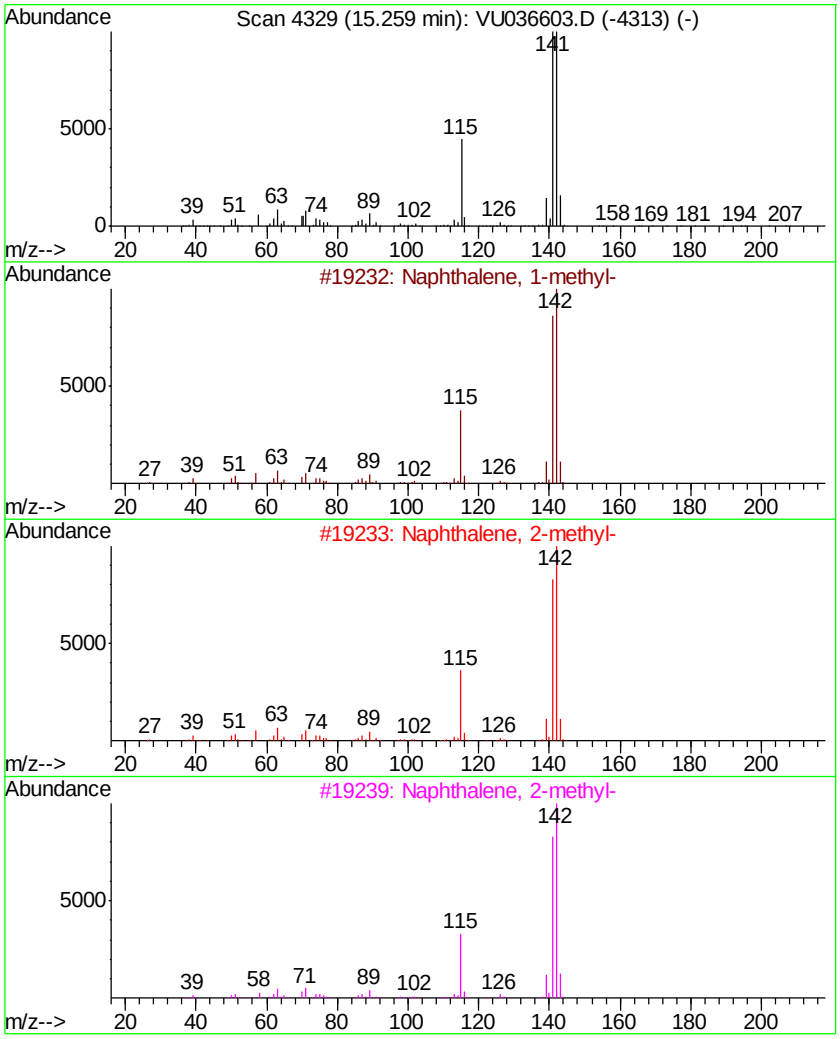
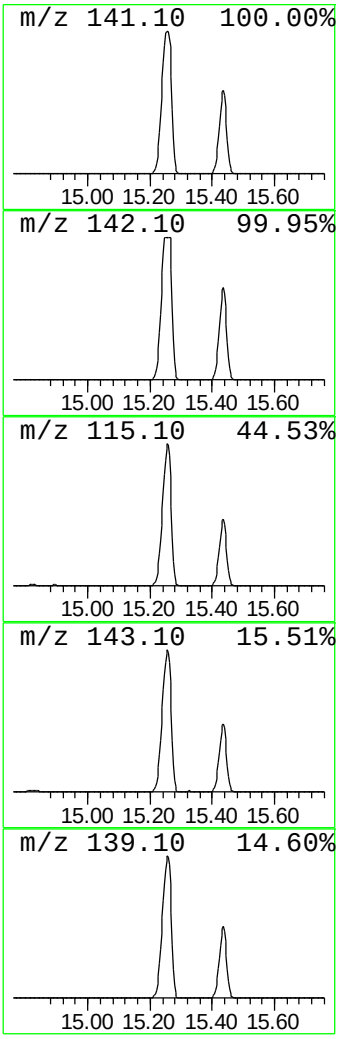
Peak Number 35 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	2831.18 ug/L	71725400	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	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	94
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036603.D
Acq On : 29 Jan 2020 19:21
Operator : JC/MD
Sample : L1271-05
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ6

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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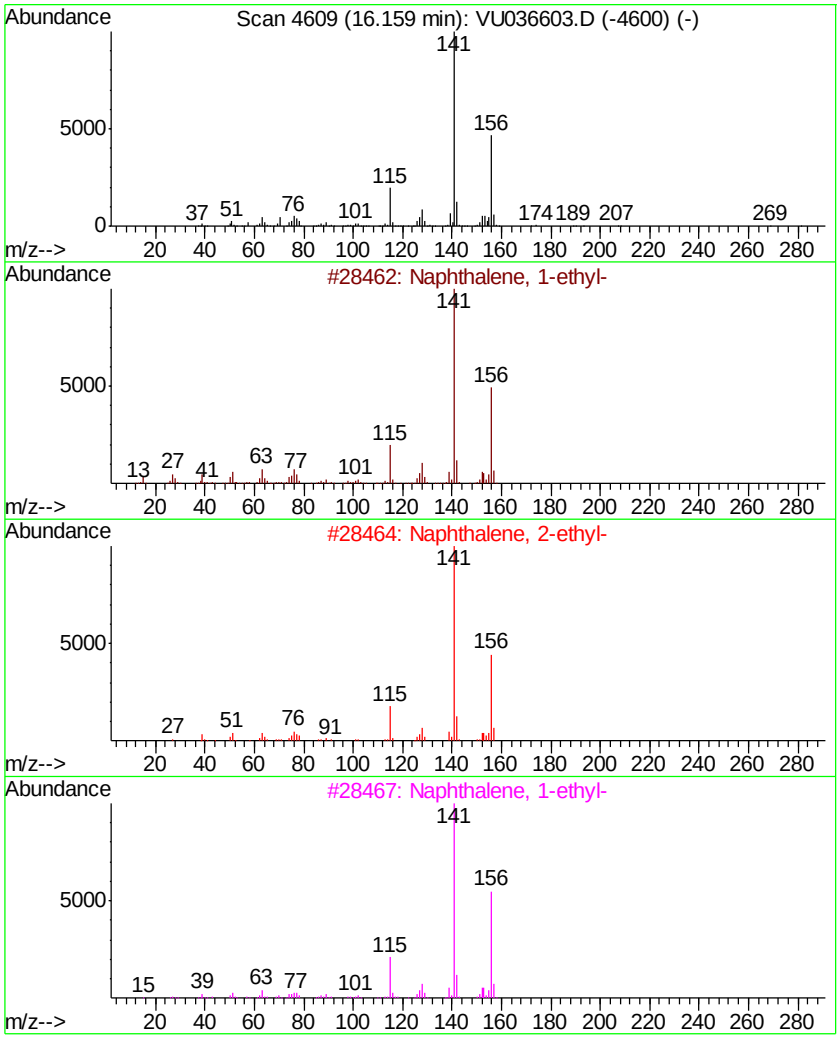
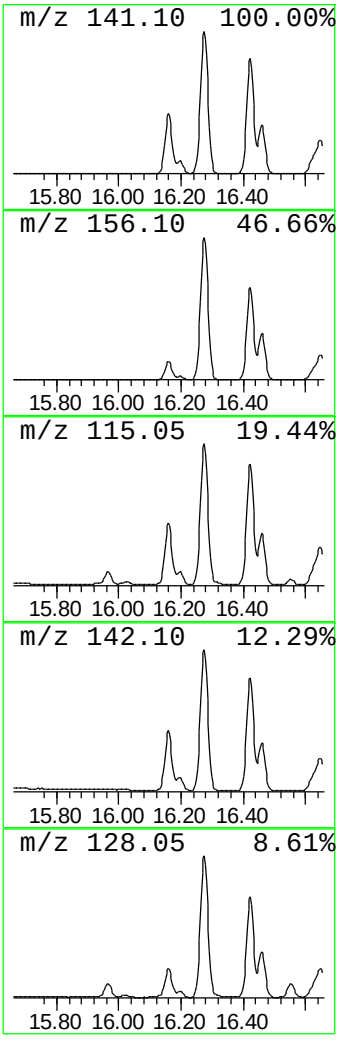
Peak Number 38 Naphthalene, 1-ethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	31.34 ug/L	793900	1,4-Dichlorobenzene-d4	11.84

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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036603.D
Acq On : 29 Jan 2020 19:21
Operator : JC/MD
Sample : L1271-05
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ6

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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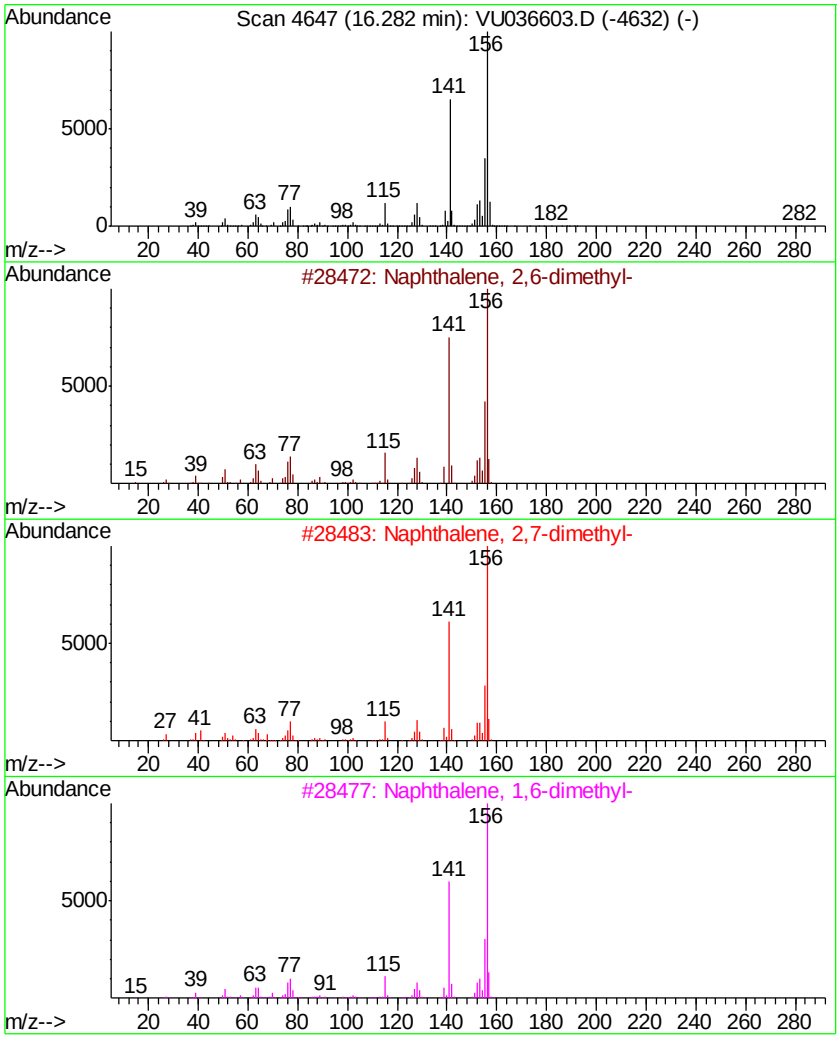
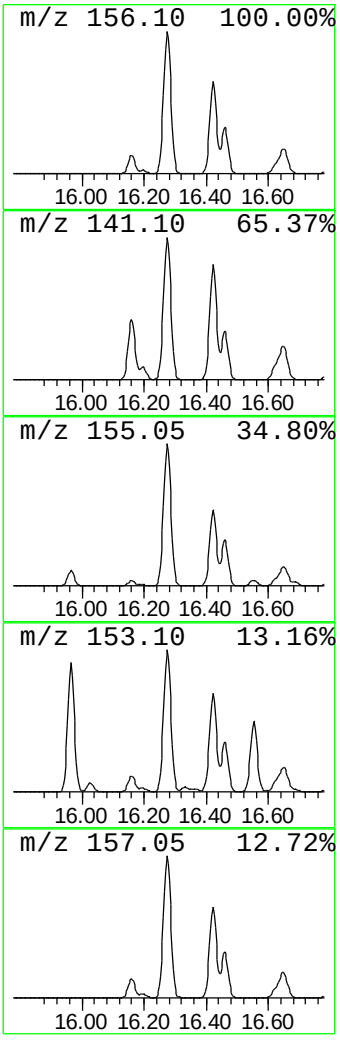
Peak Number 39 Naphthalene, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	176.86 ug/L	4480660	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036603.D
Acq On : 29 Jan 2020 19:21
Operator : JC/MD
Sample : L1271-05
Misc : 5.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ6

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
Benzene, 2-propenyl-	10.85	20.8	ug/L	527968	3	11.84	1266700	50.0
Benzene, propyl-	10.93	34.0	ug/L	860641	3	11.84	1266700	50.0
Benzene, 1-ethyl-...	11.02	288.3	ug/L	7303070	3	11.84	1266700	50.0
Mesitylene	11.11	353.1	ug/L	8946170	3	11.84	1266700	50.0
Benzene, 1,2,3-tr...	11.50	1141.4	ug/L	28916800	3	11.84	1266700	50.0
Benzene, 1-etheny...	11.56	713.3	ug/L	18069800	3	11.84	1266700	50.0
Benzene, 1-etheny...	11.61	138.0	ug/L	3497100	3	11.84	1266700	50.0
Bicyclo[4.2.0]oct...	11.67	11.1	ug/L	281186	3	11.84	1266700	50.0
Cyclohexane, butyl-	11.74	3.5	ug/L	87748	3	11.84	1266700	50.0
o-Cymene	11.77	14.3	ug/L	361106	3	11.84	1266700	50.0
Benzene, 1-propenyl-	11.97	72.9	ug/L	1846230	3	11.84	1266700	50.0
Indane	12.12	235.8	ug/L	5973570	3	11.84	1266700	50.0
(DEL) Alkane: Str...	12.34	79.6	ug/L	2017410	3	11.84	1266700	50.0
Benzene, 1-methyl...	12.40	32.1	ug/L	813875	3	11.84	1266700	50.0
Benzene, 1-methyl...	12.56	63.6	ug/L	1611960	3	11.84	1266700	50.0
Benzene, 1-etheny...	12.65	182.7	ug/L	4629540	3	11.84	1266700	50.0
Benzene, (2-methy...	12.77	488.9	ug/L	12386200	3	11.84	1266700	50.0
Benzene, 1-methyl...	12.83	83.1	ug/L	2105030	3	11.84	1266700	50.0
Benzene, 2-ethyl-...	12.90	36.3	ug/L	918505	3	11.84	1266700	50.0
Benzofuran, 7-met...	12.95	22.1	ug/L	558838	3	11.84	1266700	50.0
Benzene, 1,2,3,5-...	13.00	190.3	ug/L	4820040	3	11.84	1266700	50.0
Benzene, 1-ethyl-...	13.05	469.4	ug/L	11892900	3	11.84	1266700	50.0
Benzene, 4-etheny...	13.17	284.2	ug/L	7200090	3	11.84	1266700	50.0
1H-Indene, 2,3-di...	13.31	126.3	ug/L	3200030	3	11.84	1266700	50.0
Benzene, 1-methyl...	13.47	444.8	ug/L	11268700	3	11.84	1266700	50.0
1H-Indene, 1-methyl-	13.54	113.5	ug/L	2875610	3	11.84	1266700	50.0
unknown-01	13.85	62.0	ug/L	1571700	3	11.84	1266700	50.0
Benzo[b]thiophene...	15.19	20.8	ug/L	526186	3	11.84	1266700	50.0
Naphthalene, 1-me...	15.26	2831.2	ug/L	71725400	3	11.84	1266700	50.0
Naphthalene, 1-et...	16.16	31.3	ug/L	793900	3	11.84	1266700	50.0
Naphthalene, 2,6-...	16.28	176.9	ug/L	4480660	3	11.84	1266700	50.0