LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036587.D
Acq On : 29 Jan 2020 12:31
Operator : JC/MD
Sample : L1271-01
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4

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	1.491	43	47	55	rVB	10388	10947	0.01%	0.003%
2	1.610	77	84	103	rVB	137537	150405	0.12%	0.045%
3	1.887	165	170	177	rVB	41299	41292	0.03%	0.012%
4	2.565	369	381	393	rBV	200690	323569	0.25%	0.096%
5	2.668	410	413	422	rVB4	1431	1539	0.00%	0.000%
6	2.800	447	454	459	rBV	508	554	0.00%	0.000%
7	2.867	466	475	485	rVB3	1906	3366	0.00%	0.001%
8	2.989	503	513	522	rBV3	1981	3183	0.00%	0.001%
9	3.070	529	538	548	rVB4	2501	4614	0.00%	0.001%
10	3.218	571	584	602	rBV	6575	15002	0.01%	0.004%
11	3.607	700	705	709	rBV3	334	356	0.00%	0.000%
12	4.687	1025	1041	1078	rVB	65644	201806	0.16%	0.060%
13	5.105	1153	1171	1191	rVV	160078	356687	0.28%	0.106%
14	5.327	1234	1240	1248	rBV	601	873	0.00%	0.000%
15	5.761	1354	1375	1381	rBV2	391482	953973	0.74%	0.283%
16	5.809	1382	1390	1416	rVB	1236880	2422774	1.87%	0.719%
17	6.054	1457	1466	1476	rVB4	5937	10400	0.01%	0.003%
18	6.285	1523	1538	1557	rBV	328517	631185	0.49%	0.187%
19	6.365	1559	1563	1572	rVB5	724	962	0.00%	0.000%
20	6.562	1612	1624	1630	rBV5	2166	4029	0.00%	0.001%
21	6.729	1661	1676	1695	rBV	210226	421062	0.33%	0.125%
22	6.890	1719	1726	1733	rVB6	1322	1888	0.00%	0.001%
23	7.221	1820	1829	1838	rVV8	4591	7752	0.01%	0.002%
24	7.279	1838	1847	1857	rVB7	3707	6567	0.01%	0.002%
25	7.433	1889	1895	1896	rBV2	883	799	0.00%	0.000%
26	7.475	1903	1908	1911	rBV2	520	438	0.00%	0.000%
27	7.600	1934	1947	1970	rBV	121173	225359	0.17%	0.067%
28	7.722	1975	1985	1994	rVB5	2215	3504	0.00%	0.001%
29	7.787	1994	2005	2013	rBV3	5599	9749	0.01%	0.003%
30	7.928	2028	2049	2059	rBV	490445	863748	0.67%	0.256%
31	8.002	2059	2072	2086	rVB	4022908	7000445	5.42%	2.078%
32	8.211	2125	2137	2152	rVB	81198	147380	0.11%	0.044%
33	8.304	2159	2166	2176	rVB	11240	17688	0.01%	0.005%
34	8.385	2183	2191	2198	rBV5	6416	11777	0.01%	0.003%

LSC Area Percent Report

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Acq On : 29 Jan 2020 12:31
Operator : JC/MD
Sample : L1271-01
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4

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	8.452	2209	2212	2221	rVB6	1814	2299	0.00%	0.001%
36	8.587	2250	2254	2260	rBV2	441	487	0.00%	0.000%
37	8.681	2260	2283	2296	rBV	305799	553064	0.43%	0.164%
38	8.890	2337	2348	2355	rBV6	3384	6323	0.00%	0.002%
39	8.986	2374	2378	2386	rVB7	2411	3633	0.00%	0.001%
40	9.041	2387	2395	2398	rBV3	1726	2234	0.00%	0.001%
41	9.076	2398	2406	2422	rVB3	10794	19528	0.02%	0.006%
42	9.160	2423	2432	2443	rBV6	4659	10799	0.01%	0.003%
43	9.221	2444	2451	2452	rBV6	3136	3039	0.00%	0.001%
44	9.291	2465	2473	2483	rVB6	3786	5500	0.00%	0.002%
45	9.356	2484	2493	2504	rVB6	10906	18295	0.01%	0.005%
46	9.449	2504	2522	2535	rBV	471293	818174	0.63%	0.243%
47	9.600	2555	2569	2589	rBV	2236171	3720999	2.88%	1.105%
48	9.722	2590	2607	2645	rVB	13597838	23350888	18.07%	6.932%
49	9.889	2646	2659	2680	rBV4	24736	56221	0.04%	0.017%
50	9.979	2680	2687	2697	rBV8	6707	11310	0.01%	0.003%
51	10.127	2720	2733	2765	rVB	6536015	10684874	8.27%	3.172%
52	10.272	2773	2778	2782	rBV	6418	8338	0.01%	0.002%
53	10.510	2843	2852	2862	rBV	84213	138420	0.11%	0.041%
54	10.787	2926	2938	2948	rBV	343461	564206	0.44%	0.167%
55	10.854	2949	2959	2971	rVB	255024	407455	0.32%	0.121%
56	10.931	2972	2983	2998	rBV	591338	917738	0.71%	0.272%
57	11.021	2999	3011	3031	rBV	2851703	6527335	5.05%	1.938%
58	11.111	3031	3039	3057	rVB	3045785	4980703	3.85%	1.479%
59	11.317	3092	3103	3119	rBV	906485	1455423	1.13%	0.432%
60	11.436	3135	3140	3142	rBV2	25405	26822	0.02%	0.008%
61	11.494	3144	3158	3171	rVV	10462394	16203883	12.54%	4.810%
62	11.558	3173	3178	3186	rVB	32739	42851	0.03%	0.013%
63	11.764	3227	3242	3251	rBV4	198976	417146	0.32%	0.124%
64	11.835	3252	3264	3273	rBV3	631224	1077298	0.83%	0.320%
65	11.918	3280	3290	3299	rVV	3188629	4808473	3.72%	1.427%
66	11.970	3299	3306	3316	rVB	722956	1066537	0.83%	0.317%
67	12.118	3338	3352	3359	rBV2	1743890	3081935	2.38%	0.915%
68	12.214	3370	3382	3395	rBV4	1809926	3210179	2.48%	0.953%
69	12.336	3411	3420	3432	rVB2	3791026	6167530	4.77%	1.831%
70	12.397	3434	3439	3454	rVB2	191639	318958	0.25%	0.095%
71	12.487	3457	3467	3471	rBV	595582	935985	0.72%	0.278%

LSC Area Percent Report

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Operator : JC/MD
Sample : L1271-01
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4

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	12.590	3489	3499	3507	rBV	1126109	1723411	1.33%	0.512%
73	12.896	3589	3594	3602	rVB	230501	310617	0.24%	0.092%
74	12.944	3604	3609	3615	rVV2	223248	319161	0.25%	0.095%
75	12.992	3616	3624	3632	rVV	1184889	1797926	1.39%	0.534%
76	13.047	3632	3641	3658	rVB	2205626	3628130	2.81%	1.077%
77	13.311	3715	3723	3734	rVB3	715415	1170416	0.91%	0.347%
78	13.468	3761	3772	3786	rVB4	2486920	4938133	3.82%	1.466%
79	13.539	3787	3794	3803	rVB	1158454	1671513	1.29%	0.496%
80	13.648	3819	3828	3850	rVB2	2523907	4486621	3.47%	1.332%
81	13.751	3853	3860	3870	rVB2	340621	561280	0.43%	0.167%
82	13.870	3889	3897	3904	rBV3	406055	707590	0.55%	0.210%
83	14.143	3960	3982	3994	rVB4	38335301	129243255	100.00%	38.366%
84	14.237	4005	4011	4020	rVB	1022868	1446316	1.12%	0.429%
85	15.253	4312	4327	4350	rVB	28649001	50848968	39.34%	15.095%
86	15.429	4370	4382	4403	rVB	9183915	14706619	11.38%	4.366%
87	15.966	4539	4549	4559	rVB	393723	581588	0.45%	0.173%
88	16.159	4600	4609	4617	rBV	384411	579458	0.45%	0.172%
89	16.275	4632	4645	4669	rVB	2207235	3808015	2.95%	1.130%
90	16.423	4679	4691	4697	rBV	1738869	2767203	2.14%	0.821%
91	16.458	4698	4702	4719	rVB	888327	1269382	0.98%	0.377%
92	16.648	4744	4761	4782	rVB	683862	1524078	1.18%	0.452%
93	16.796	4797	4807	4826	rBV	326248	562208	0.43%	0.167%
94	16.892	4826	4837	4848	rBV	516720	796486	0.62%	0.236%
95	16.989	4861	4867	4878	rVB2	276230	414372	0.32%	0.123%
96	17.233	4937	4943	4953	rVB	74220	115084	0.09%	0.034%
97	17.339	4961	4976	4983	rBV	207301	404920	0.31%	0.120%
98	17.388	4984	4991	5017	rVB2	252010	557641	0.43%	0.166%
99	17.552	5034	5042	5052	rVB	133357	220295	0.17%	0.065%
100	17.616	5053	5062	5072	rBV2	129342	223823	0.17%	0.066%

Sum of corrected areas: 336865063

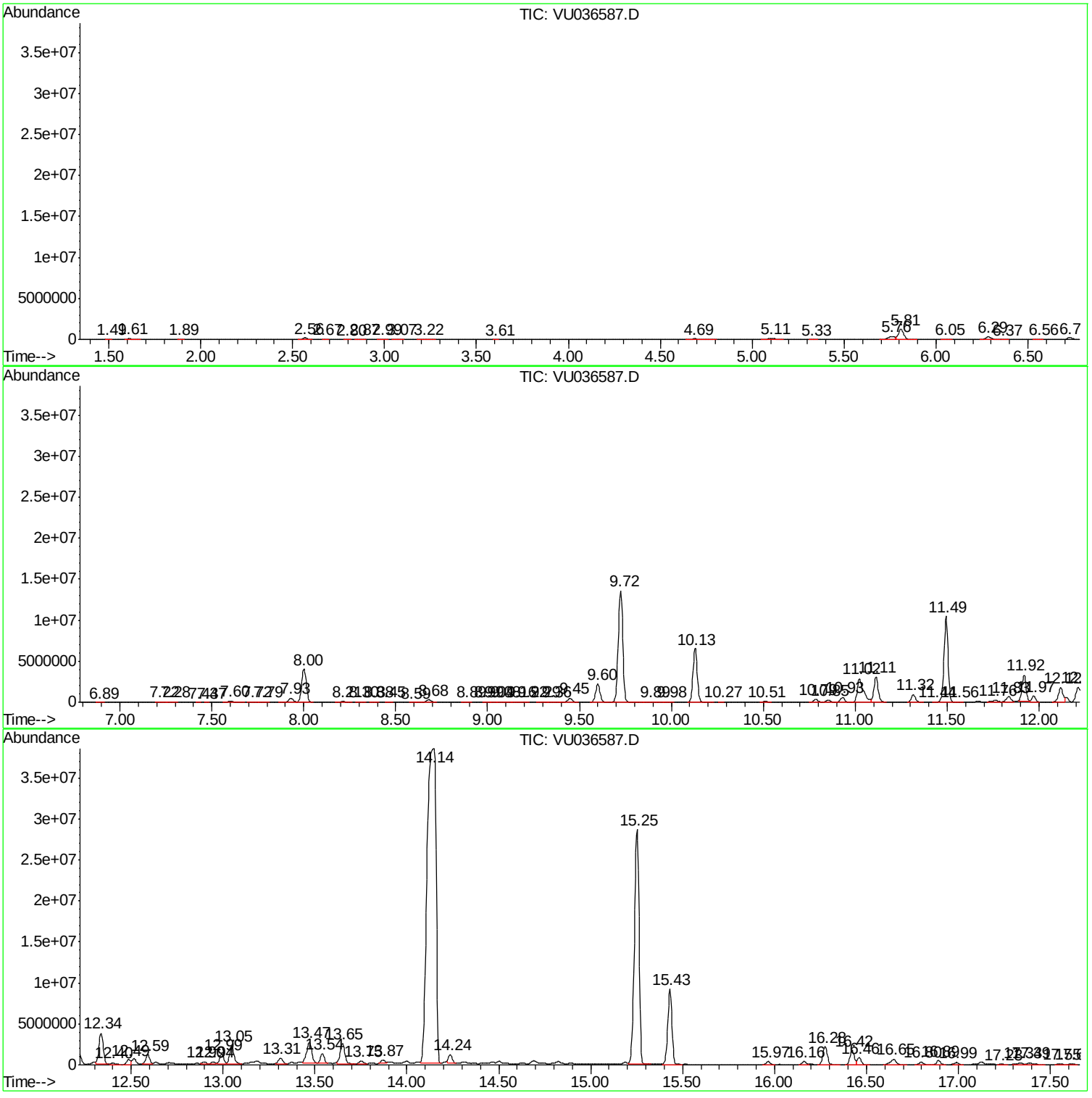
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036587.D
Acq On : 29 Jan 2020 12:31
Operator : JC/MD
Sample : L1271-01
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4

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\VU012920\
Data File : VU036587.D
Acq On : 29 Jan 2020 12:31
Operator : JC/MD
Sample : L1271-01
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4

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

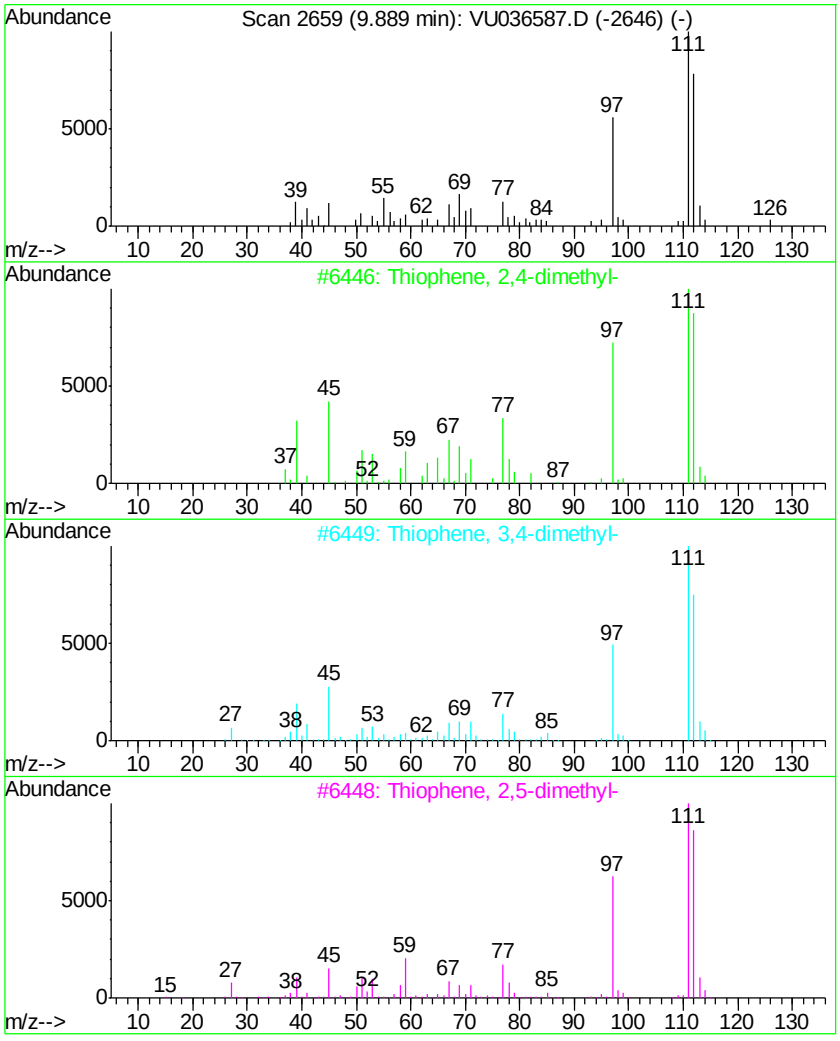
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

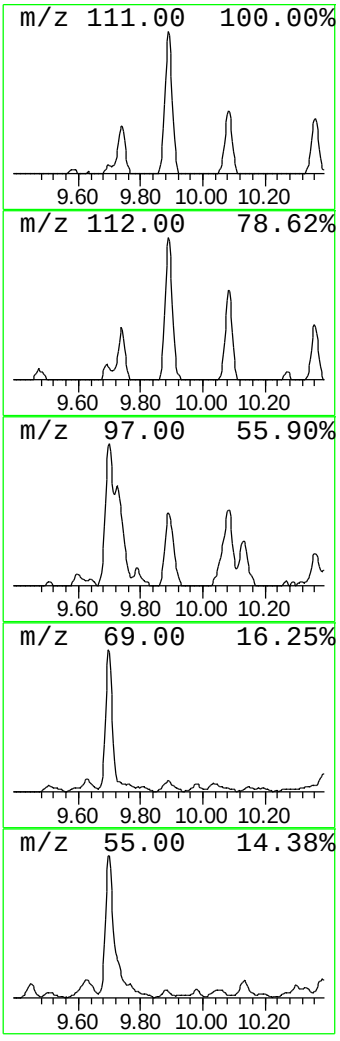
****

Peak Number 2 Thiophene, 2,4-dimethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	3.44 ug/L	56221	Chlorobenzene-d5	9.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2,4-dimethyl-	112	C6H8S	000638-00-6	87
2	Thiophene, 3,4-dimethyl-	112	C6H8S	000632-15-5	87
3	Thiophene, 2,5-dimethyl-	112	C6H8S	000638-02-8	87
4	Thiophene, 2,4-dimethyl-	112	C6H8S	000638-00-6	87
5	Thiophene, 2,4-dimethyl-	112	C6H8S	000638-00-6	80





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036587.D
Acq On : 29 Jan 2020 12:31
Operator : JC/MD
Sample : L1271-01
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4

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

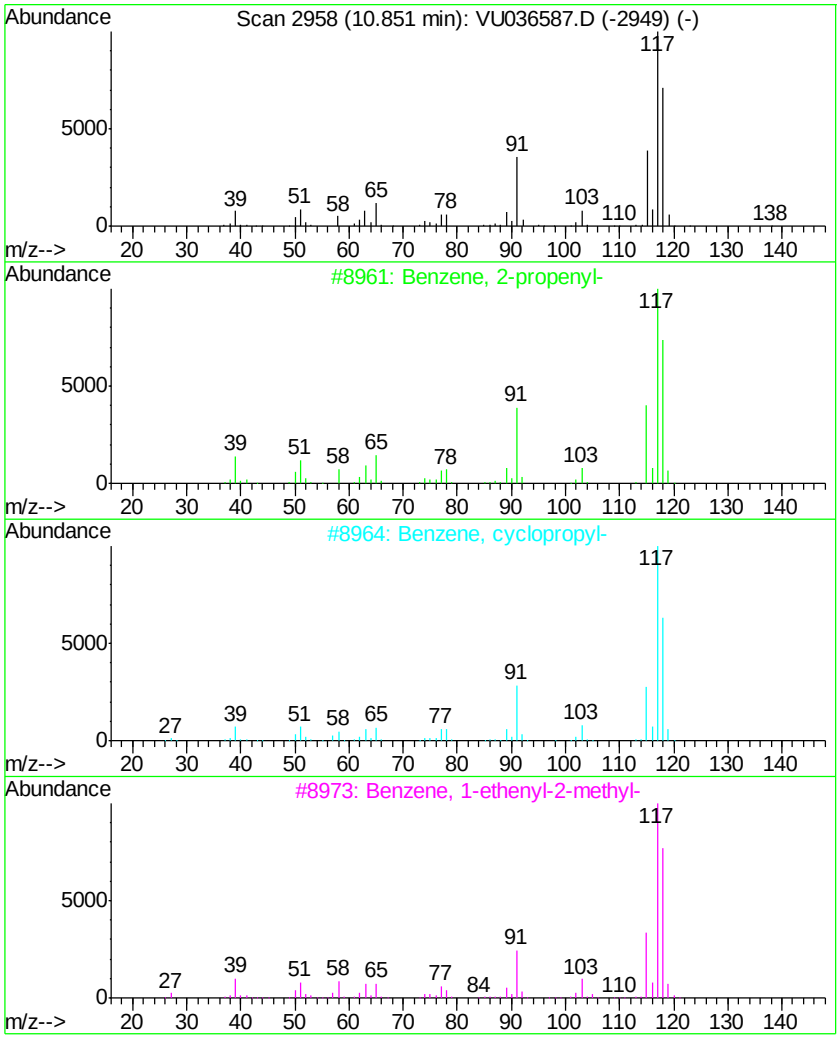
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

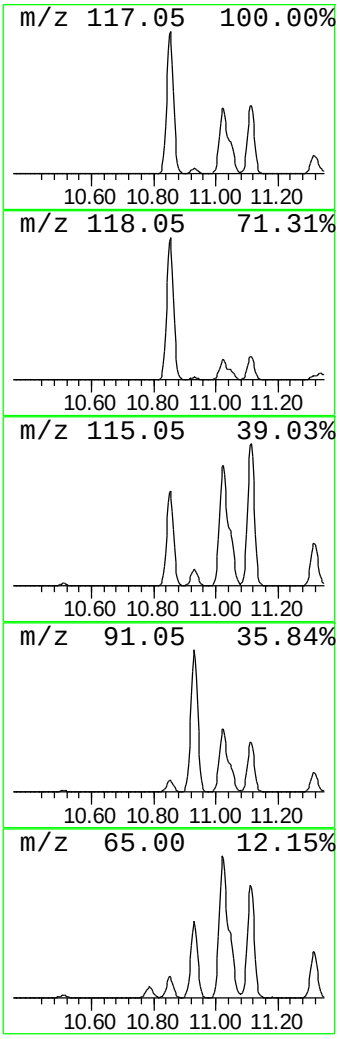
****

Peak Number 3 Benzene, 2-propenyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	18.91 ug/L	407455	1,4-Dichlorobenzene-d4	11.83

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-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	91
5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036587.D
Acq On : 29 Jan 2020 12:31
Operator : JC/MD
Sample : L1271-01
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4

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

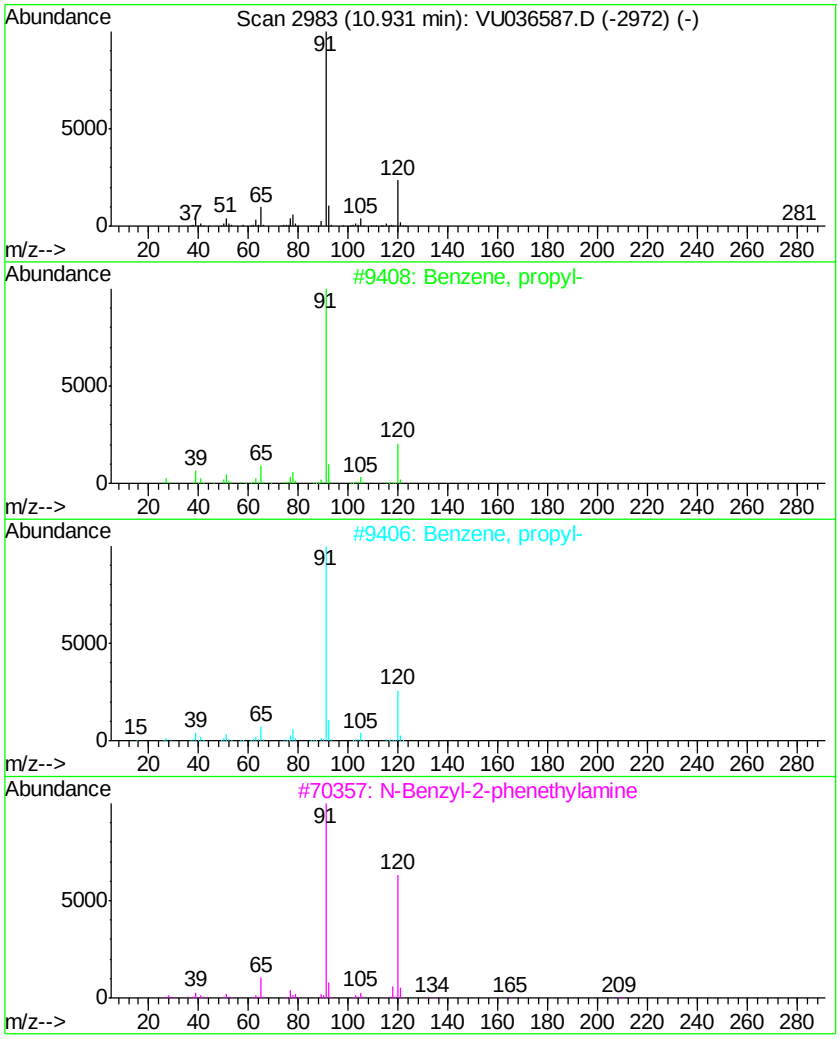
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

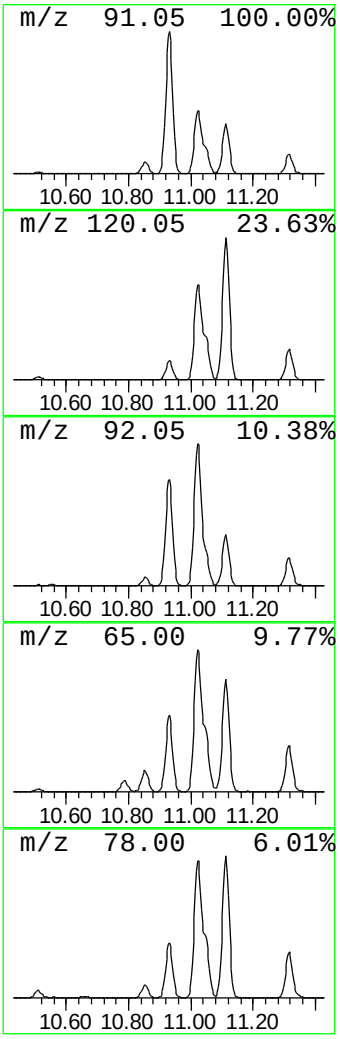
****

Peak Number 4 Benzene, propyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	42.59 ug/L	917738	1,4-Dichlorobenzene-d4	11.83

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-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	83
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 : VU036587.D
Acq On : 29 Jan 2020 12:31
Operator : JC/MD
Sample : L1271-01
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4

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

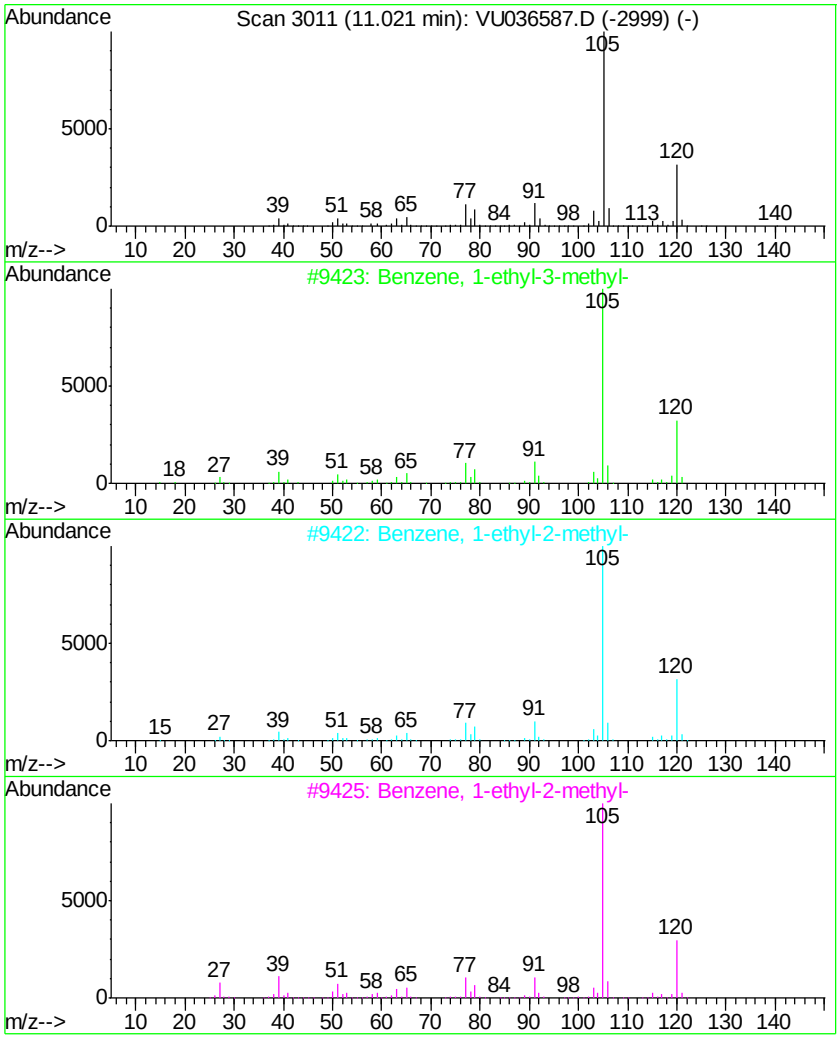
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

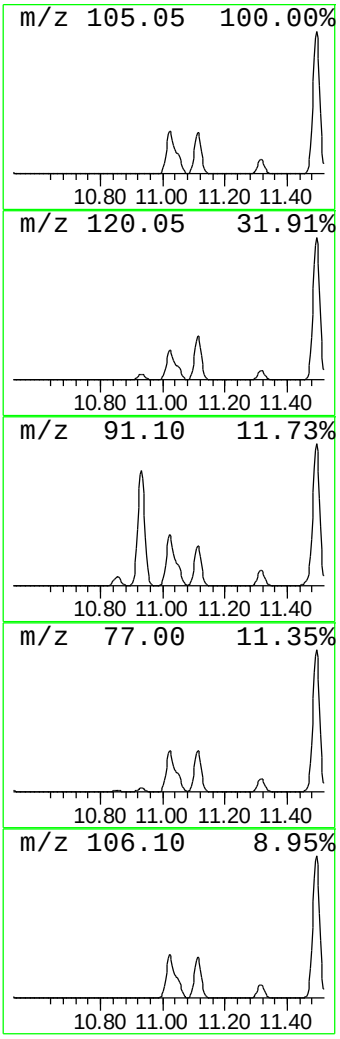
****

Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	302.95 ug/L	6527340	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036587.D
Acq On : 29 Jan 2020 12:31
Operator : JC/MD
Sample : L1271-01
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4

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

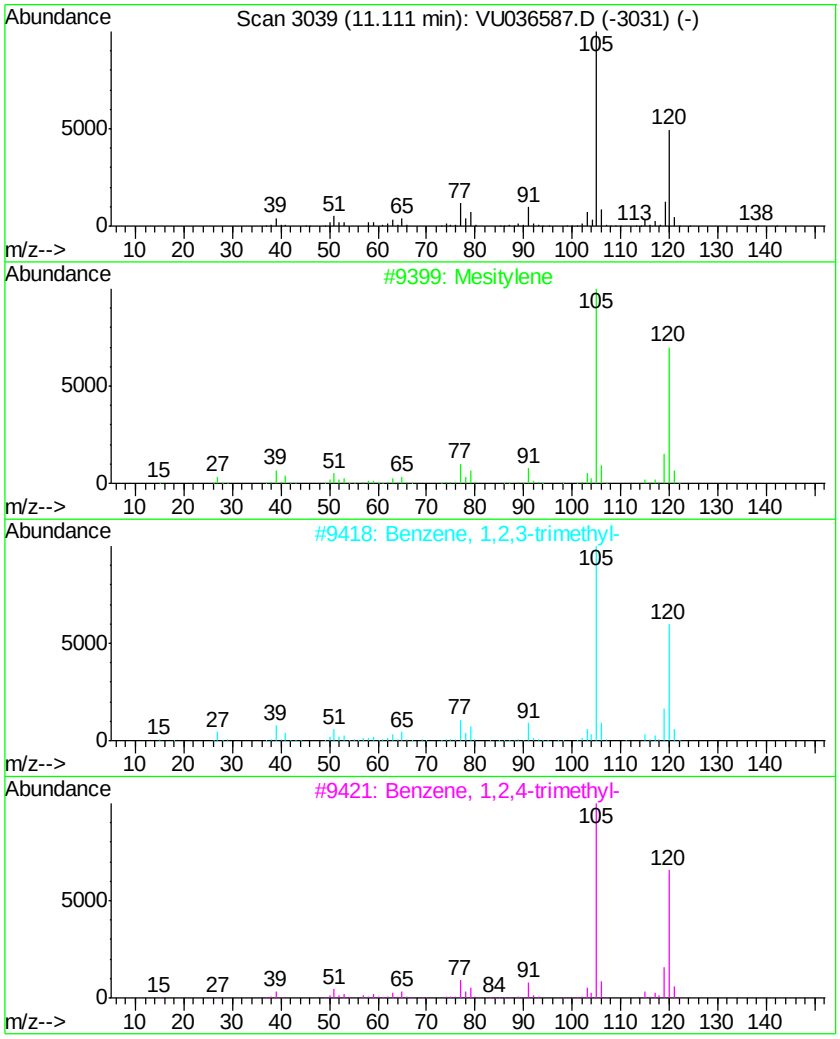
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

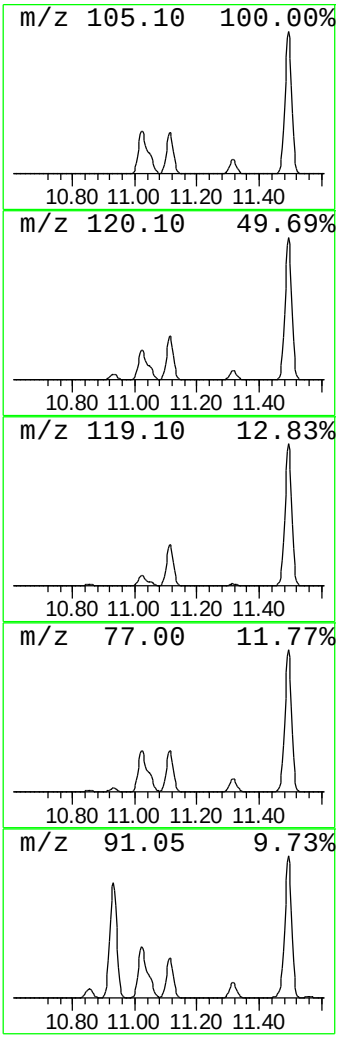
****

Peak Number 6 Mesitylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	231.17 ug/L	4980700	1,4-Dichlorobenzene-d4	11.83

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036587.D
Acq On : 29 Jan 2020 12:31
Operator : JC/MD
Sample : L1271-01
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4

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

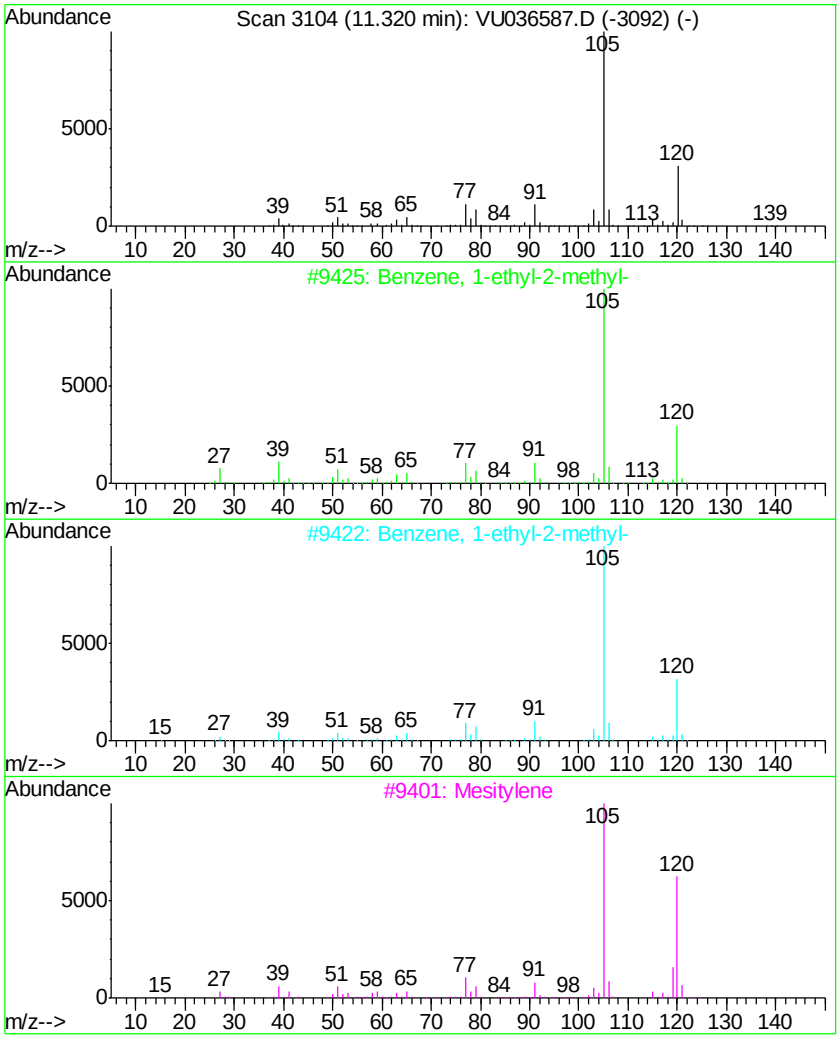
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

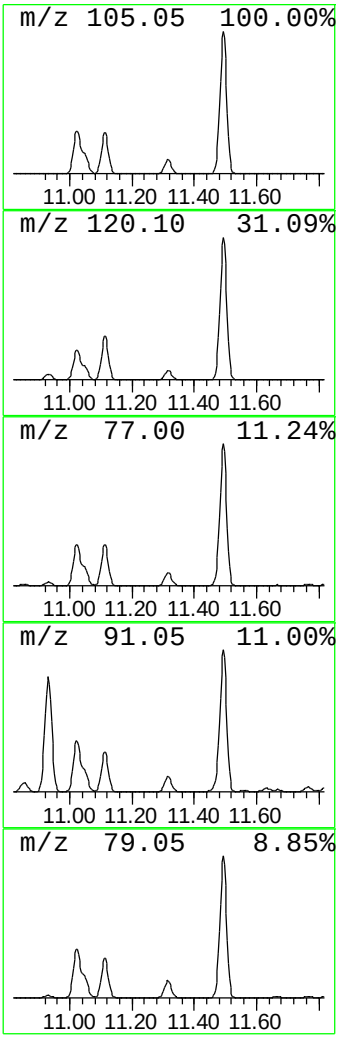
****

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	67.55 ug/L	1455420	1,4-Dichlorobenzene-d4	11.83

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	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Library Search Compound Report

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Data File : VU036587.D
Acq On : 29 Jan 2020 12:31
Operator : JC/MD
Sample : L1271-01
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4

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

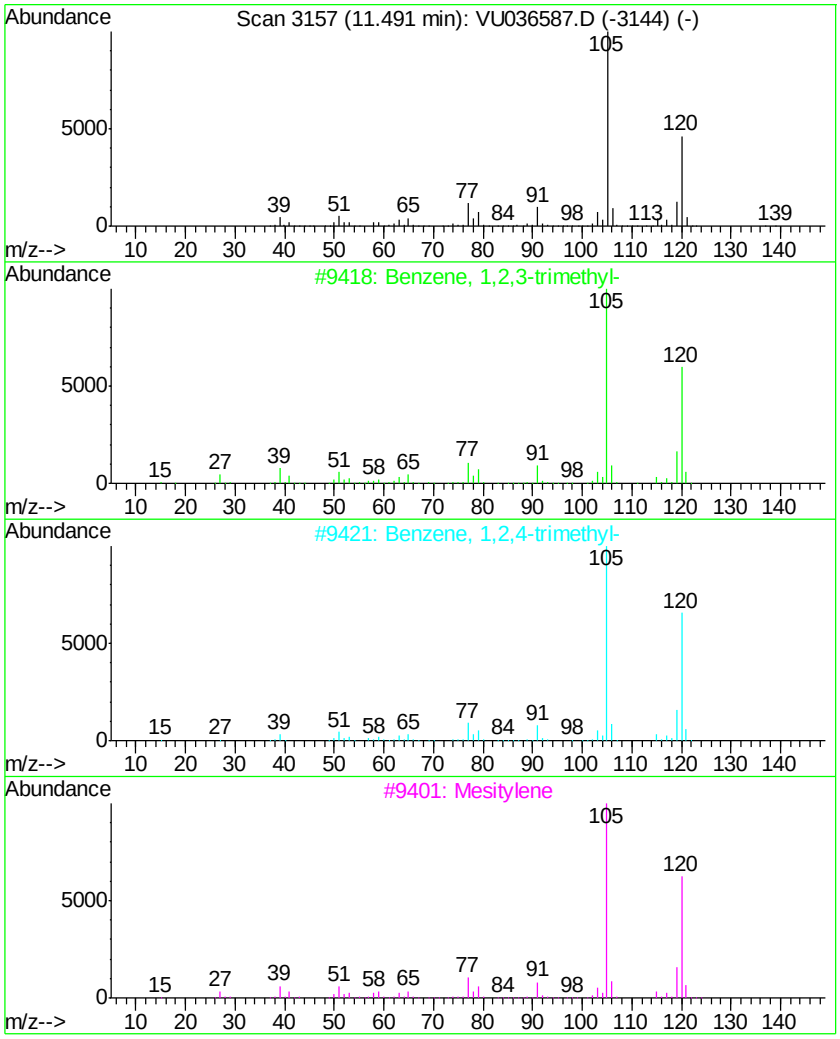
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

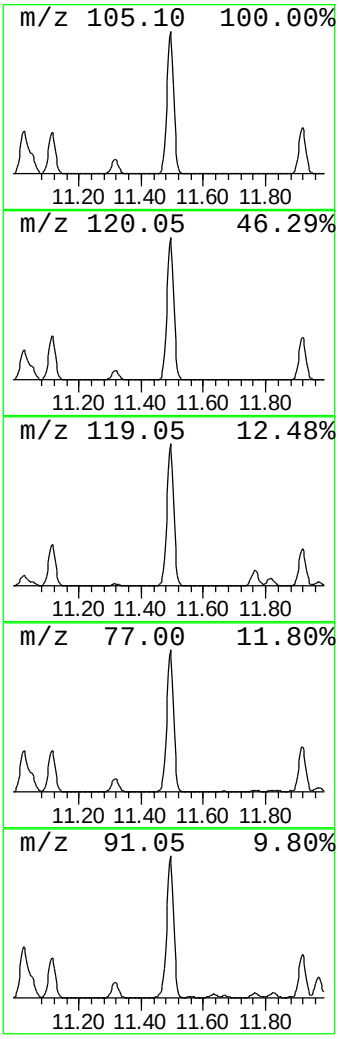
****

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	752.06 ug/L	16203900	1,4-Dichlorobenzene-d4	11.83

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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





Library Search Compound Report

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Acq On : 29 Jan 2020 12:31
Operator : JC/MD
Sample : L1271-01
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4

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

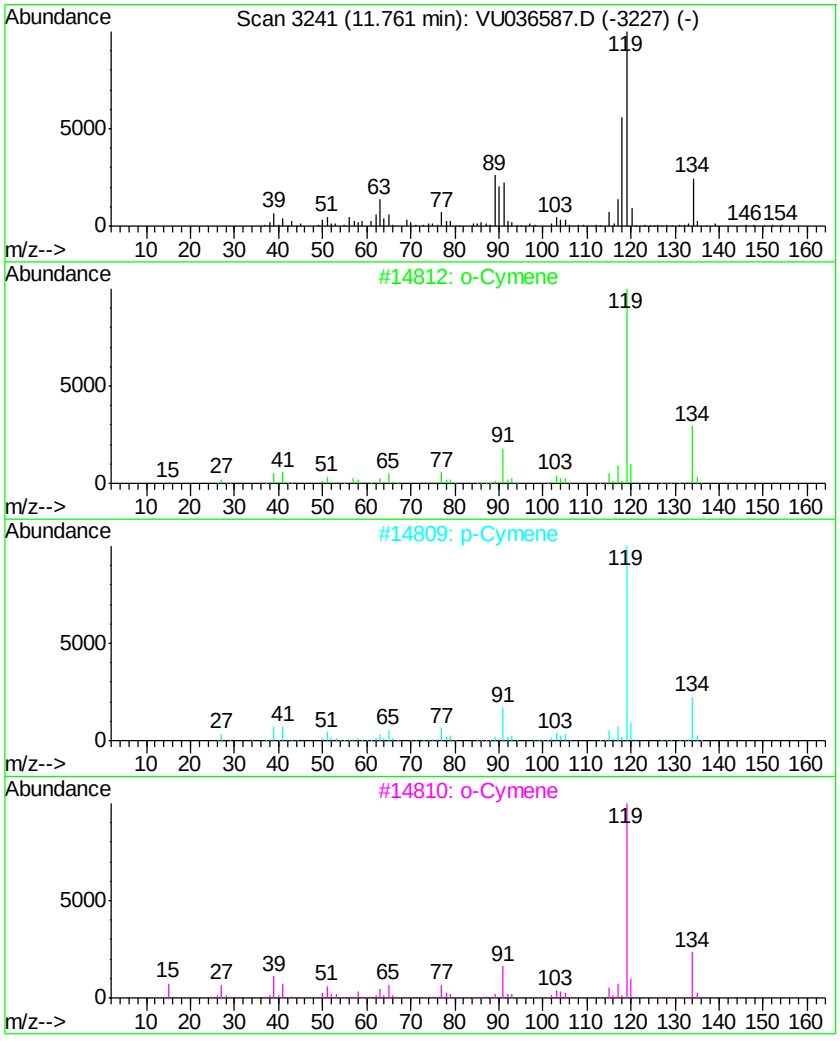
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

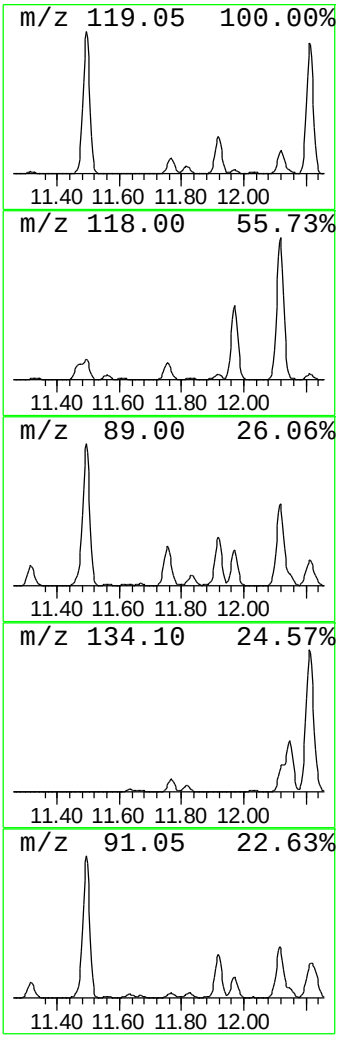
****

Peak Number 9 o-Cymene Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	19.36 ug/L	417146	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	90
2	p-Cymene	134	C10H14	000099-87-6	90
3	o-Cymene	134	C10H14	000527-84-4	90
4	p-Cymene	134	C10H14	000099-87-6	78
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60





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Data File : VU036587.D
Acq On : 29 Jan 2020 12:31
Operator : JC/MD
Sample : L1271-01
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4

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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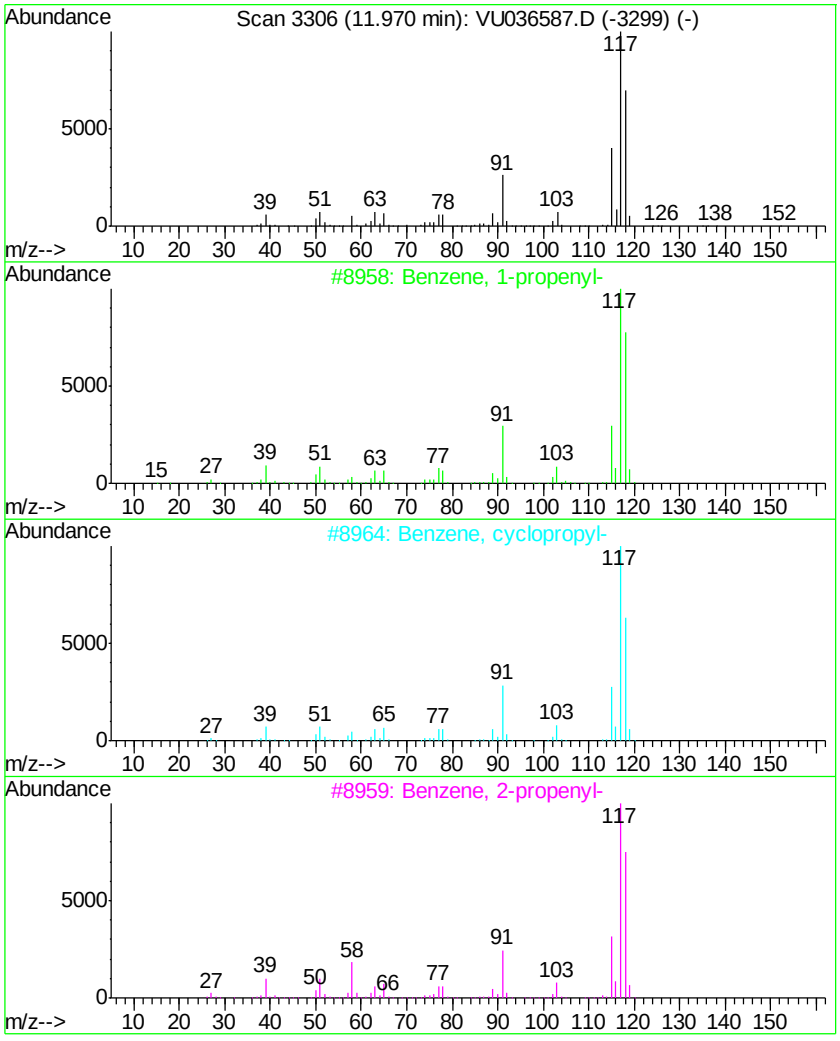
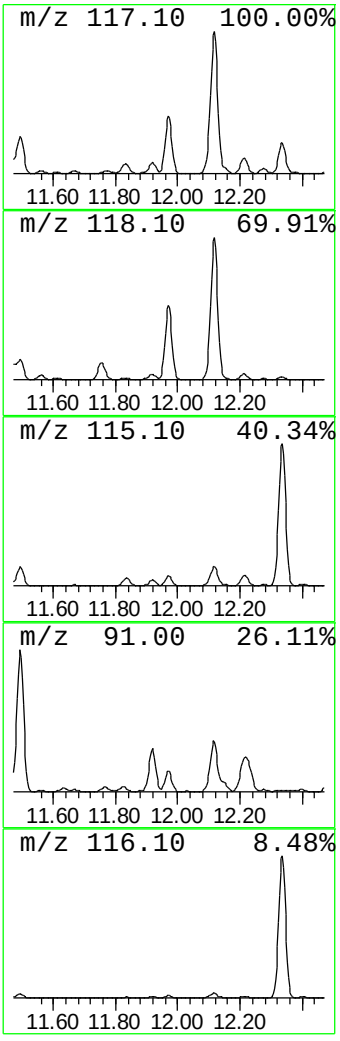
Peak Number 11 Benzene, 1-propenyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	49.50 ug/L	1066540	1,4-Dichlorobenzene-d4	11.83

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	94
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	89
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	89
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	89





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Data File : VU036587.D
Acq On : 29 Jan 2020 12:31
Operator : JC/MD
Sample : L1271-01
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4

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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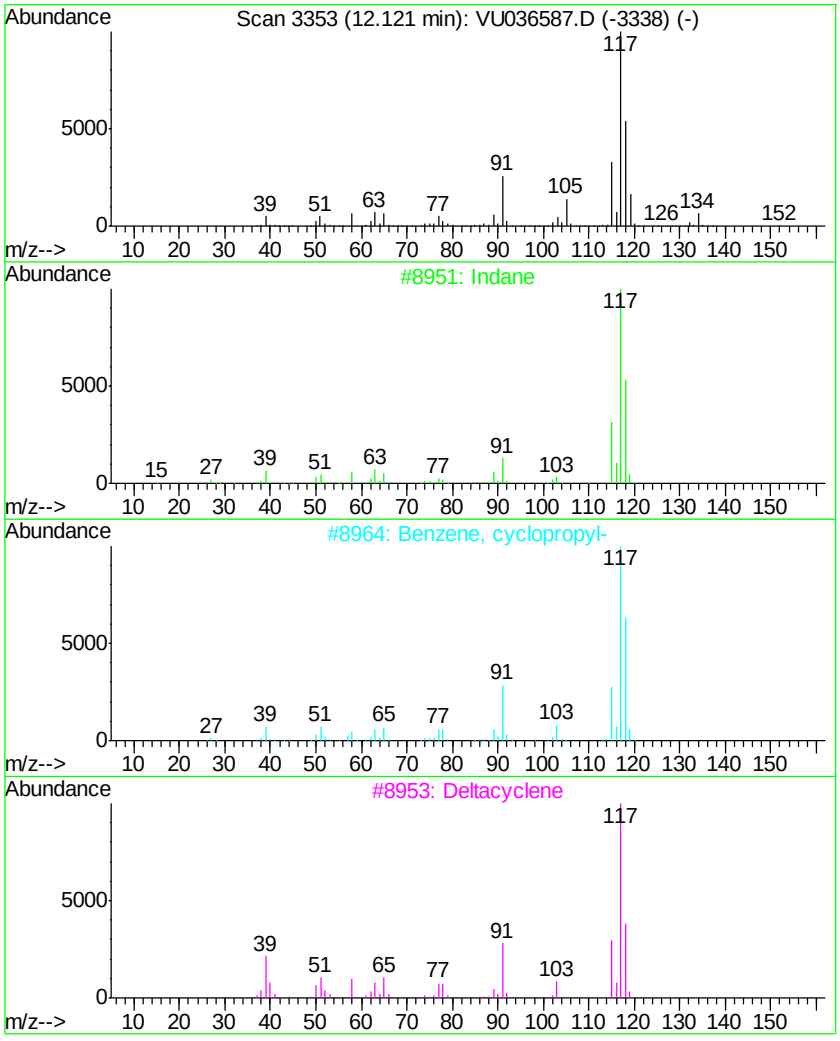
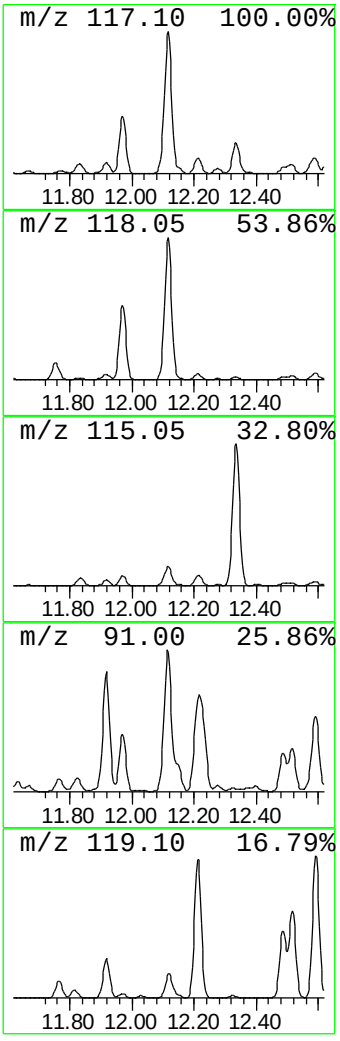
Peak Number 12 Indane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	143.04 ug/L	3081940	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	62
3	Deltacyclene	118	C9H10	007785-10-6	58
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	58
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	53





Library Search Compound Report

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Data File : VU036587.D
Acq On : 29 Jan 2020 12:31
Operator : JC/MD
Sample : L1271-01
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4

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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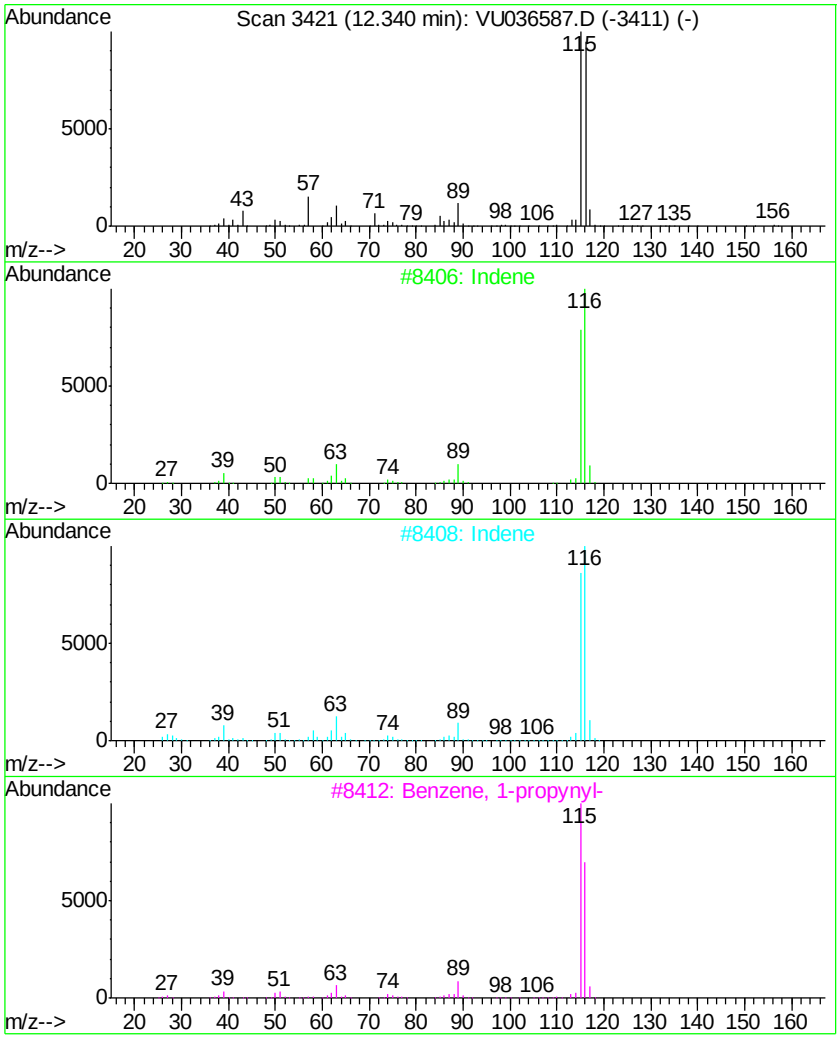
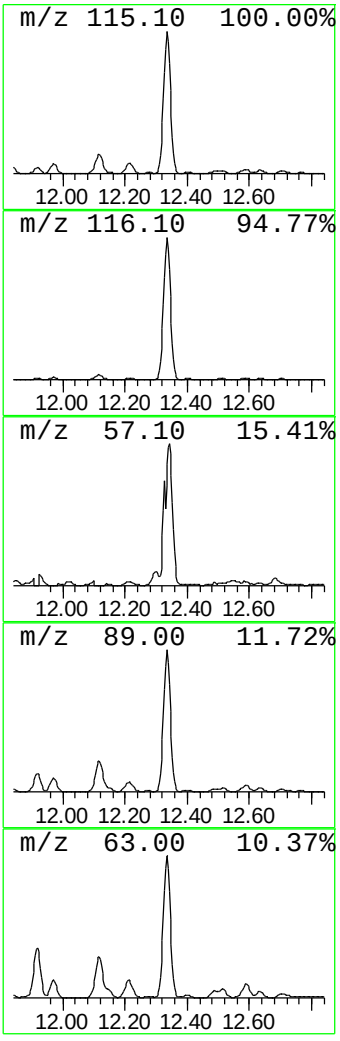
Peak Number 13 Indene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	286.25 ug/L	6167530	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	Indene	116	C9H8	000095-13-6	94
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	93
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	90
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	90





Library Search Compound Report

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Data File : VU036587.D
Acq On : 29 Jan 2020 12:31
Operator : JC/MD
Sample : L1271-01
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4

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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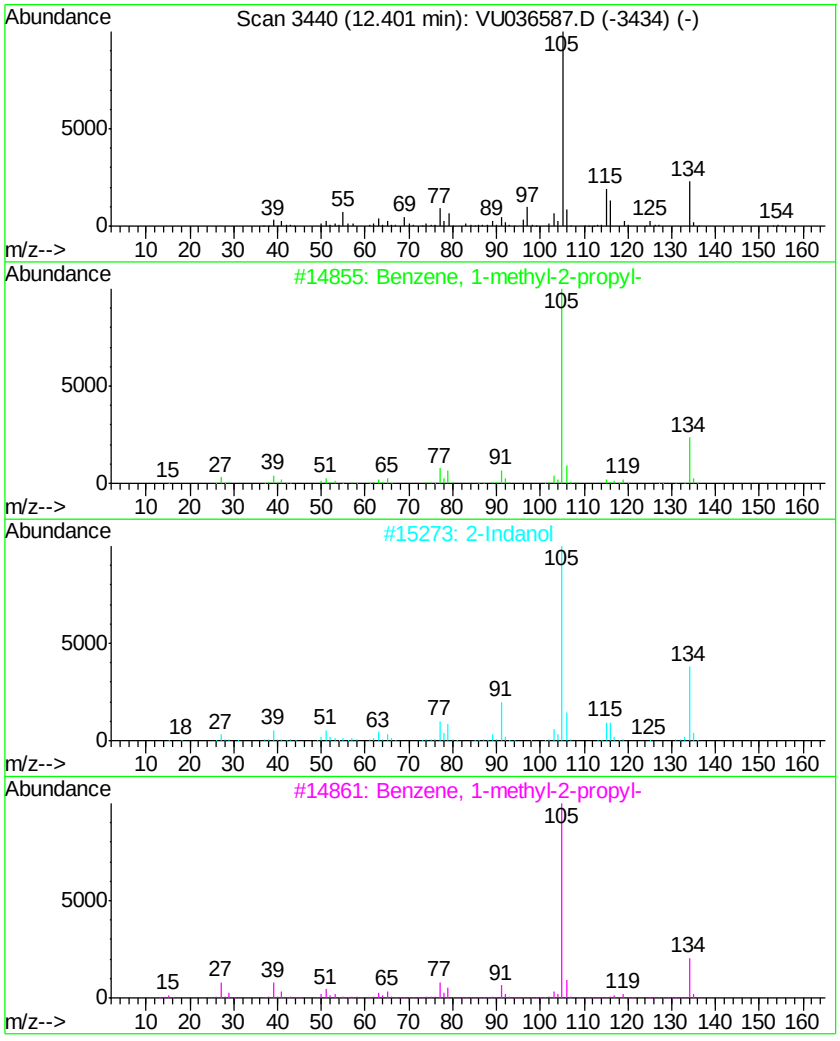
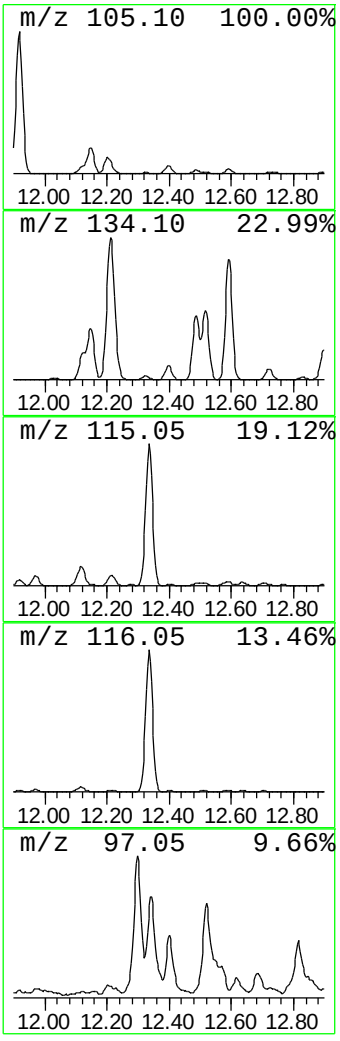
Peak Number 14 Benzene, 1-methyl-2-propyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	14.80 ug/L	318958	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	70
2	2-Indanol	134	C9H10O	004254-29-9	68
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	64
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	62
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	58





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Data File : VU036587.D
Acq On : 29 Jan 2020 12:31
Operator : JC/MD
Sample : L1271-01
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4

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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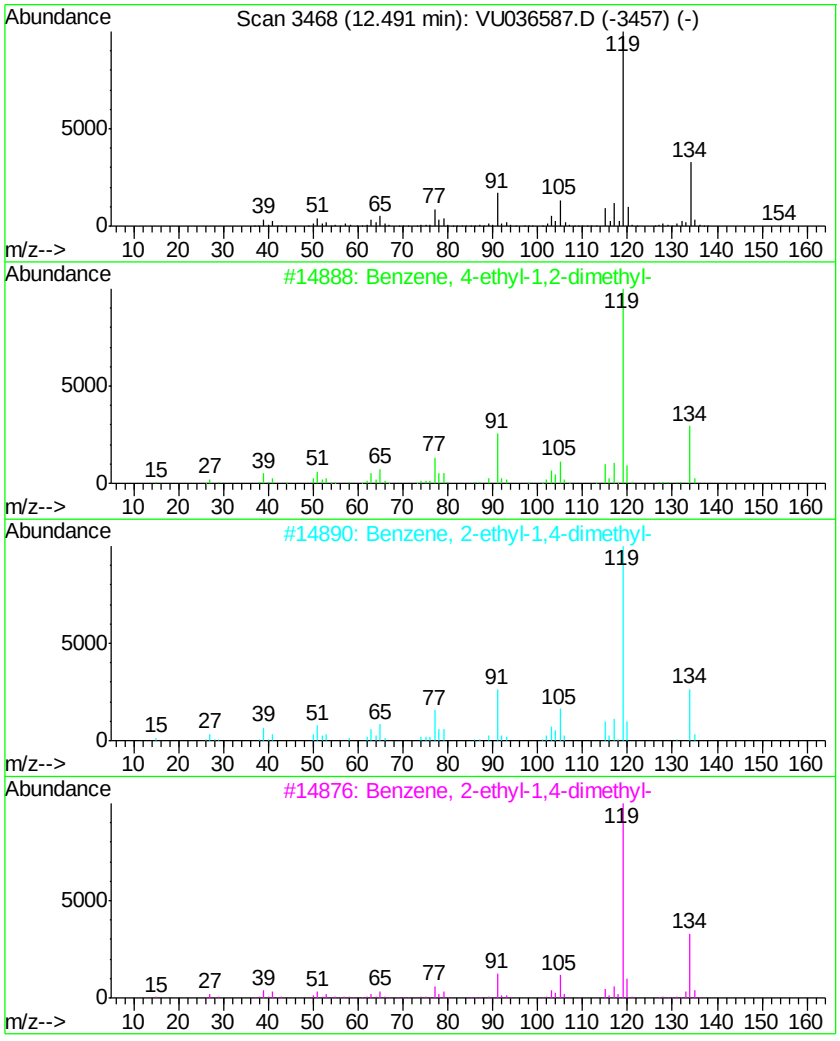
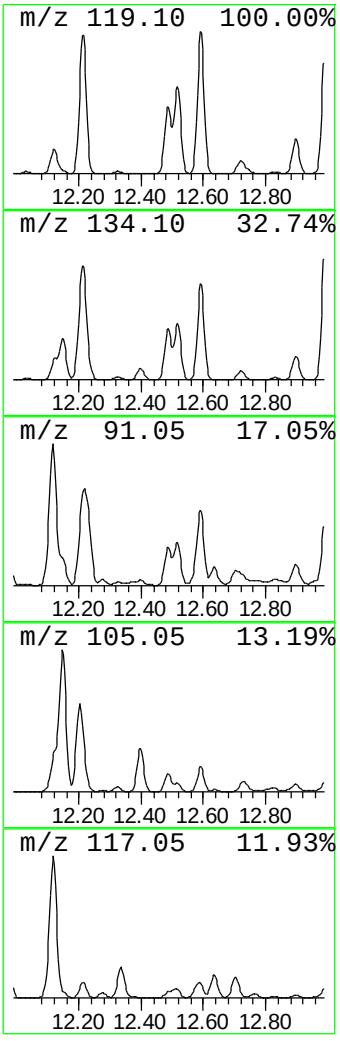
Peak Number 15 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	43.44 ug/L	935985	1,4-Dichlorobenzene-d4	11.83

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





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Acq On : 29 Jan 2020 12:31
Operator : JC/MD
Sample : L1271-01
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4

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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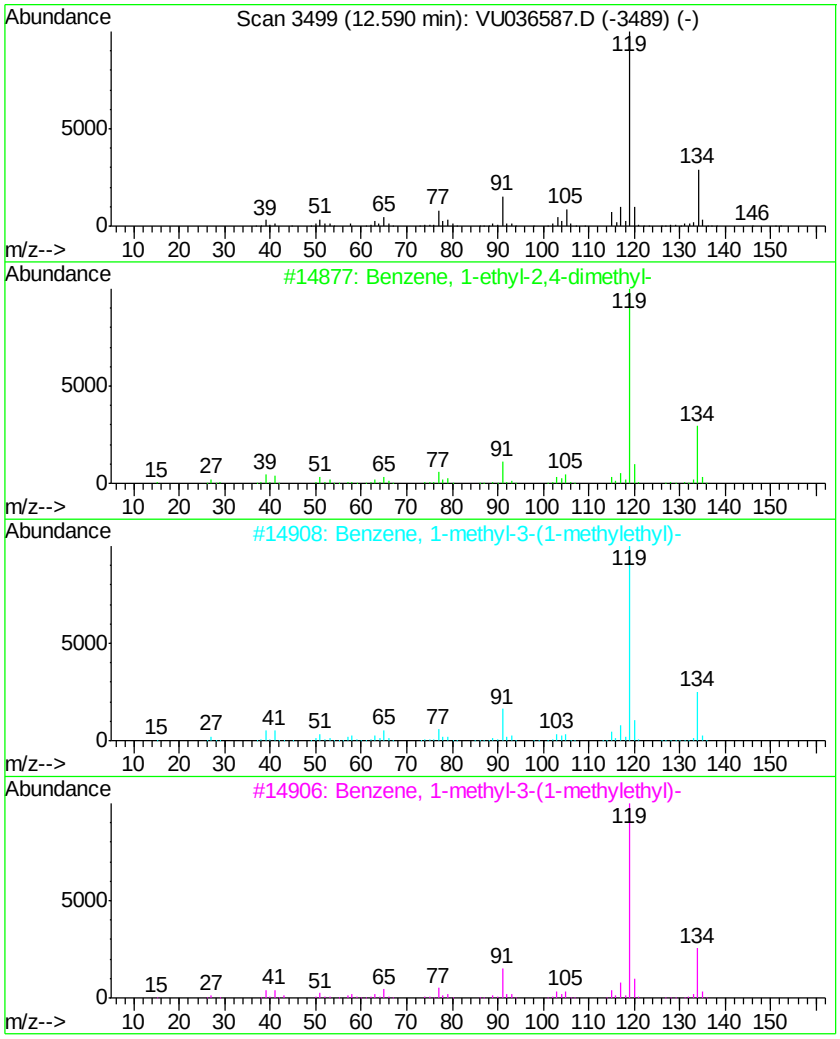
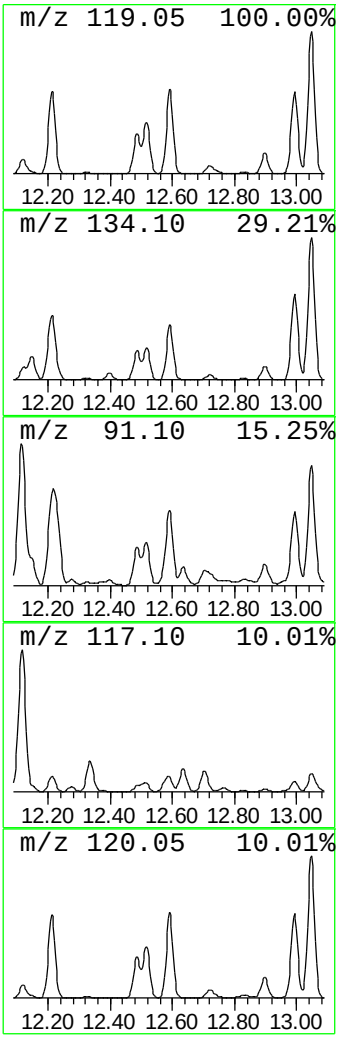
Peak Number 16 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	79.99 ug/L	1723410	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





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Operator : JC/MD
Sample : L1271-01
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4

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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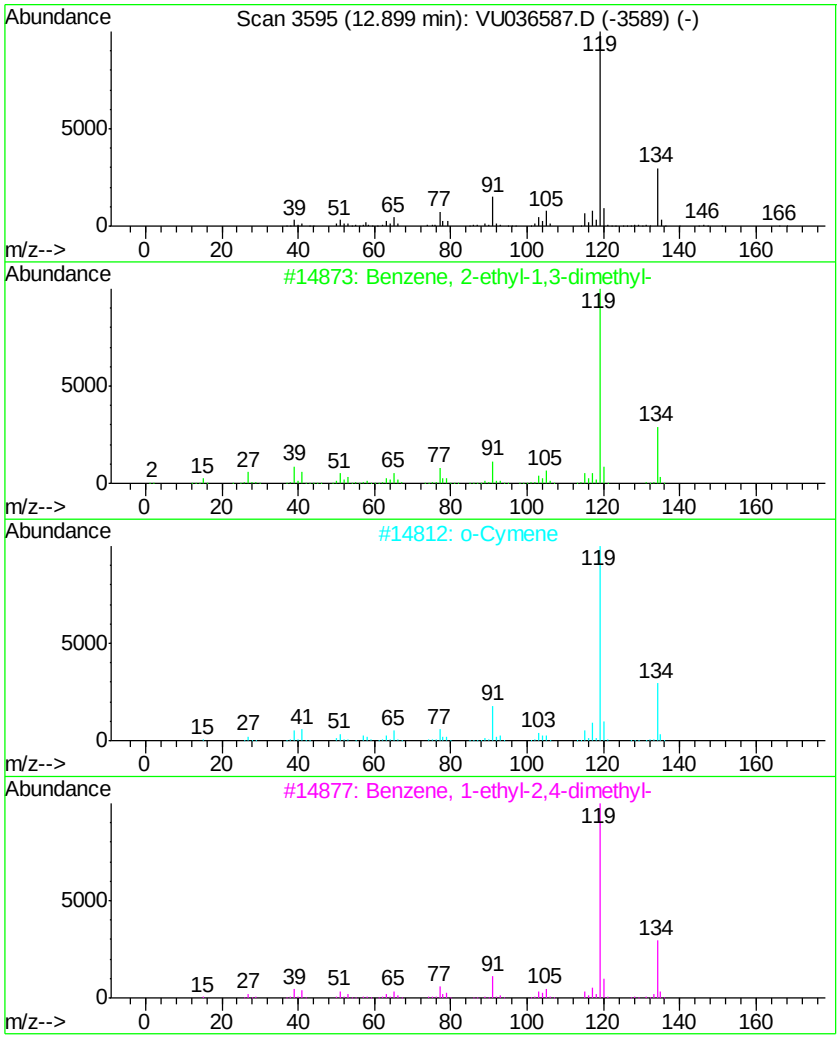
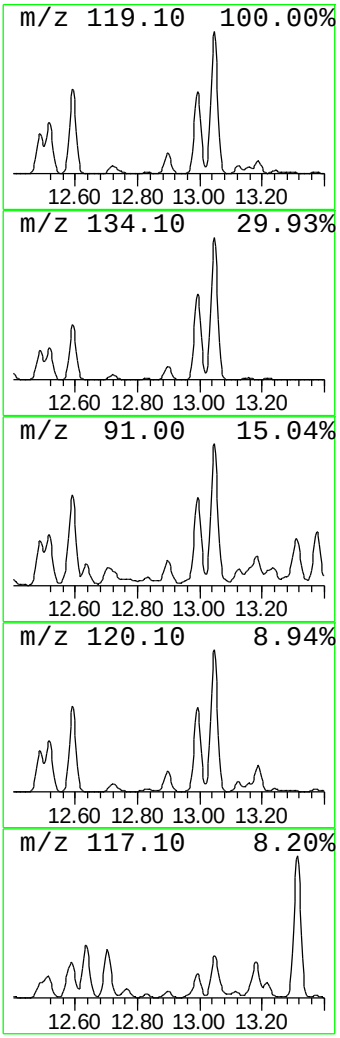
Peak Number 17 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	14.42 ug/L	310617	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036587.D
Acq On : 29 Jan 2020 12:31
Operator : JC/MD
Sample : L1271-01
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4

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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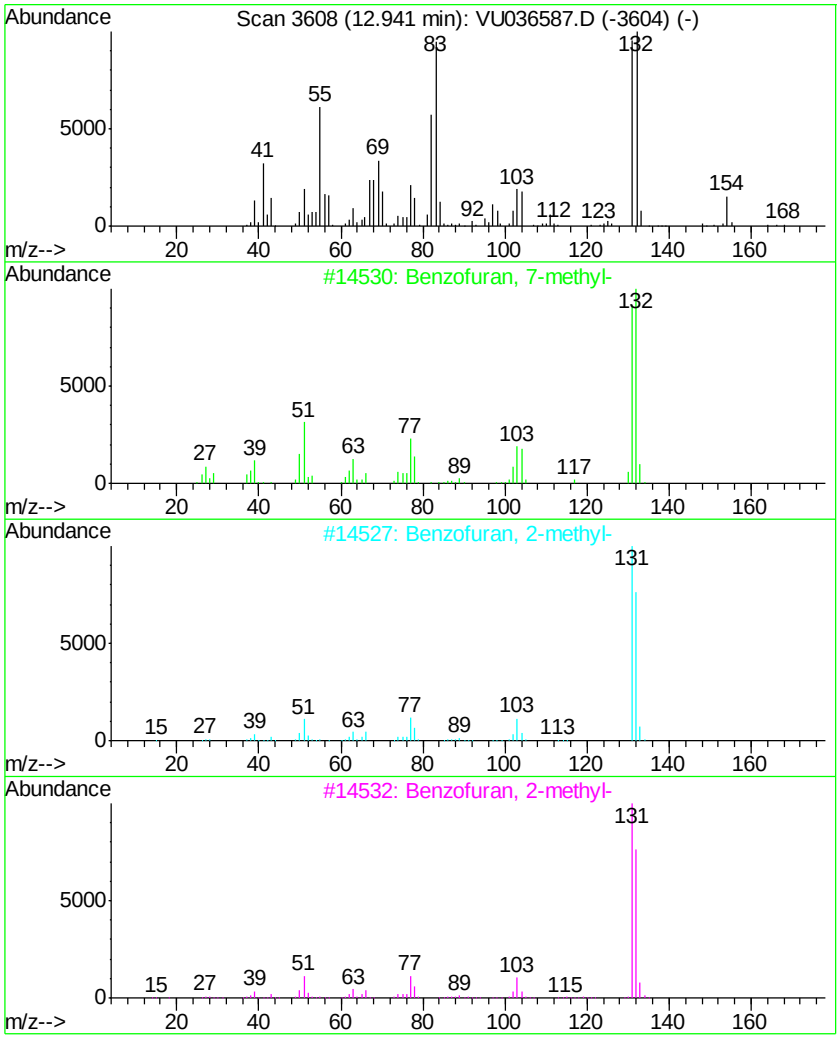
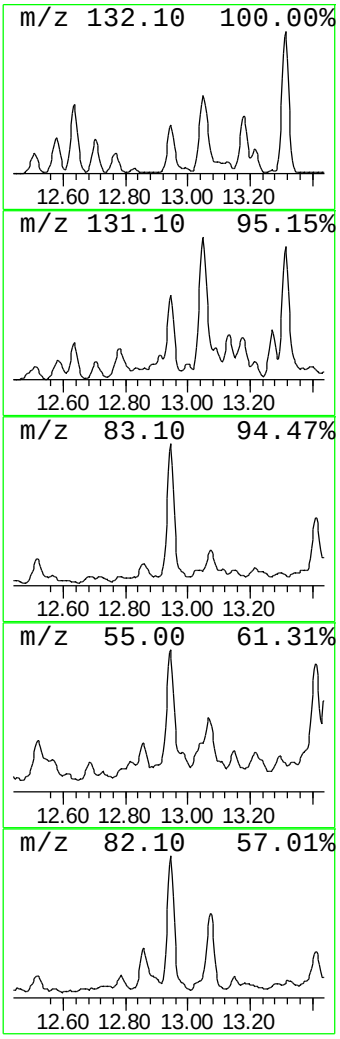
Peak Number 18 Benzofuran, 7-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	14.81 ug/L	319161	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	70
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	55
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	55
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	50
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	49





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Acq On : 29 Jan 2020 12:31
Operator : JC/MD
Sample : L1271-01
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4

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

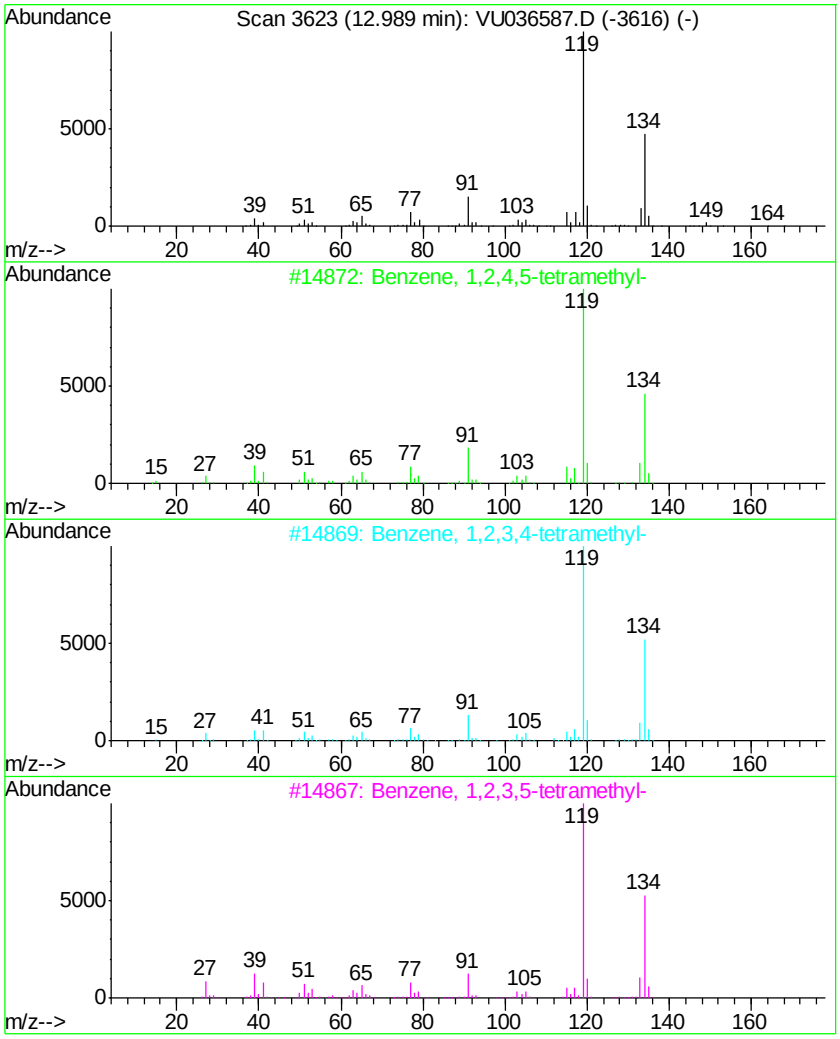
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

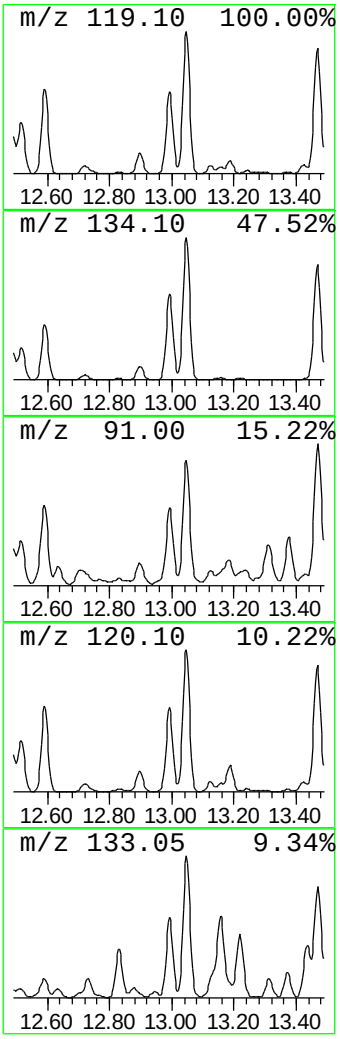
****

Peak Number 19 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	83.45 ug/L	1797930	1,4-Dichlorobenzene-d4	11.83

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





Library Search Compound Report

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Data File : VU036587.D
Acq On : 29 Jan 2020 12:31
Operator : JC/MD
Sample : L1271-01
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4

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

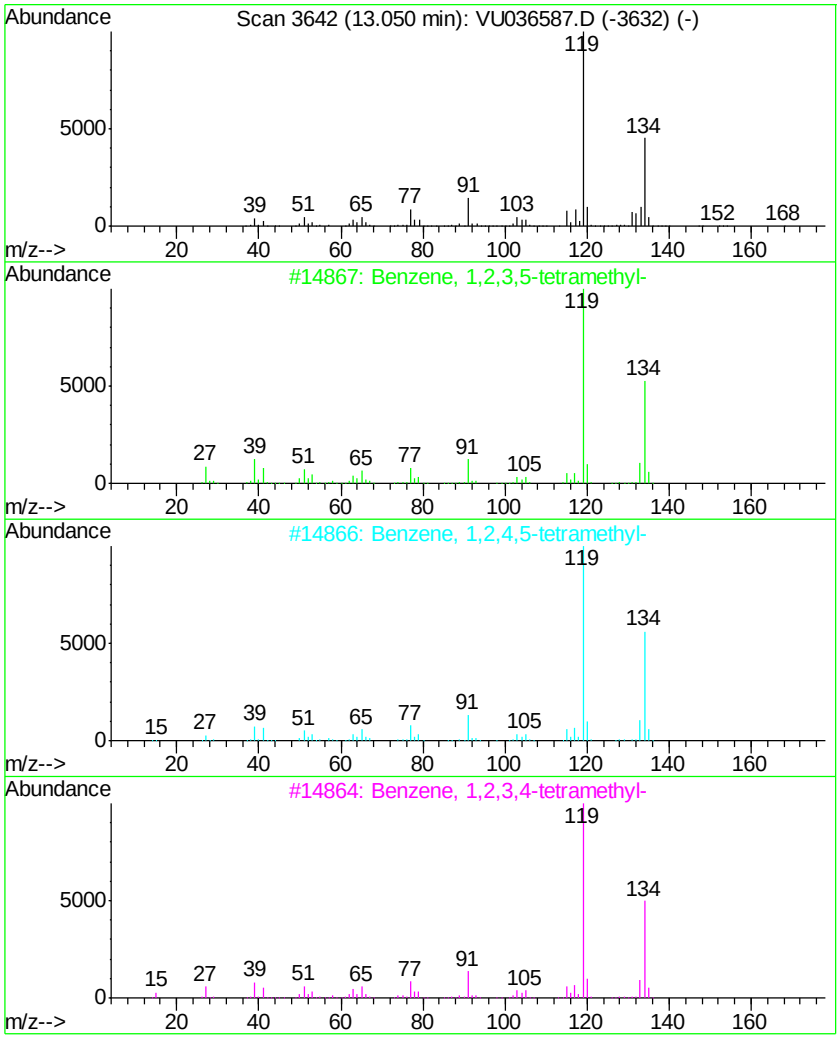
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

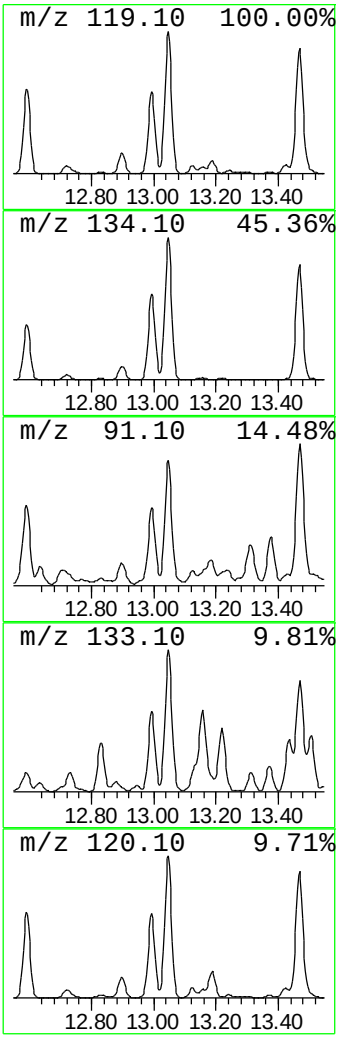
****

Peak Number 20 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	168.39 ug/L	3628130	1,4-Dichlorobenzene-d4	11.83

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, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94





Library Search Compound Report

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Data File : VU036587.D
Acq On : 29 Jan 2020 12:31
Operator : JC/MD
Sample : L1271-01
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4

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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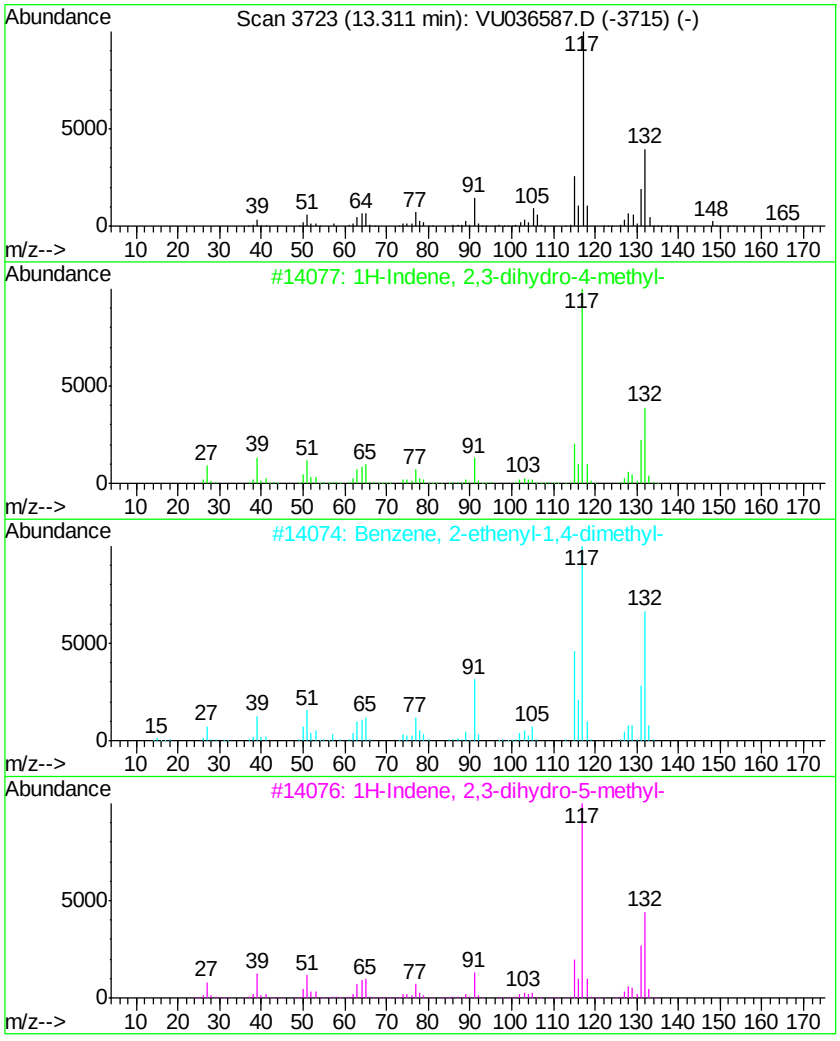
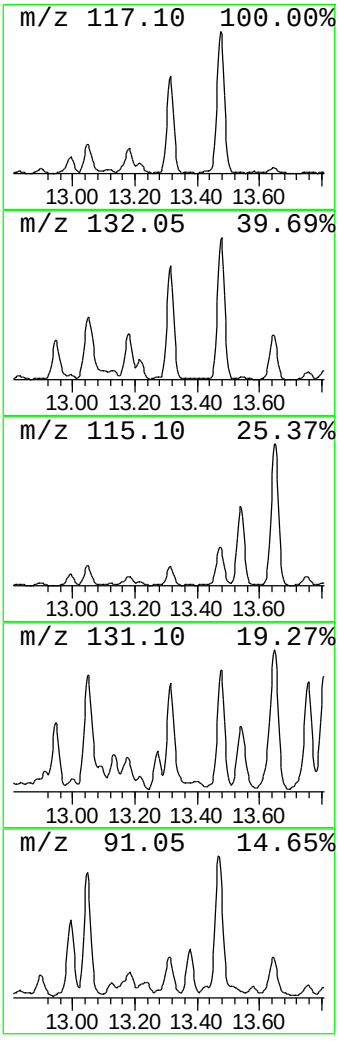
Peak Number 21 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	54.32 ug/L	1170420	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	90
5	Indan, 1-methyl-	132	C10H12	000767-58-8	87





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Data File : VU036587.D
Acq On : 29 Jan 2020 12:31
Operator : JC/MD
Sample : L1271-01
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4

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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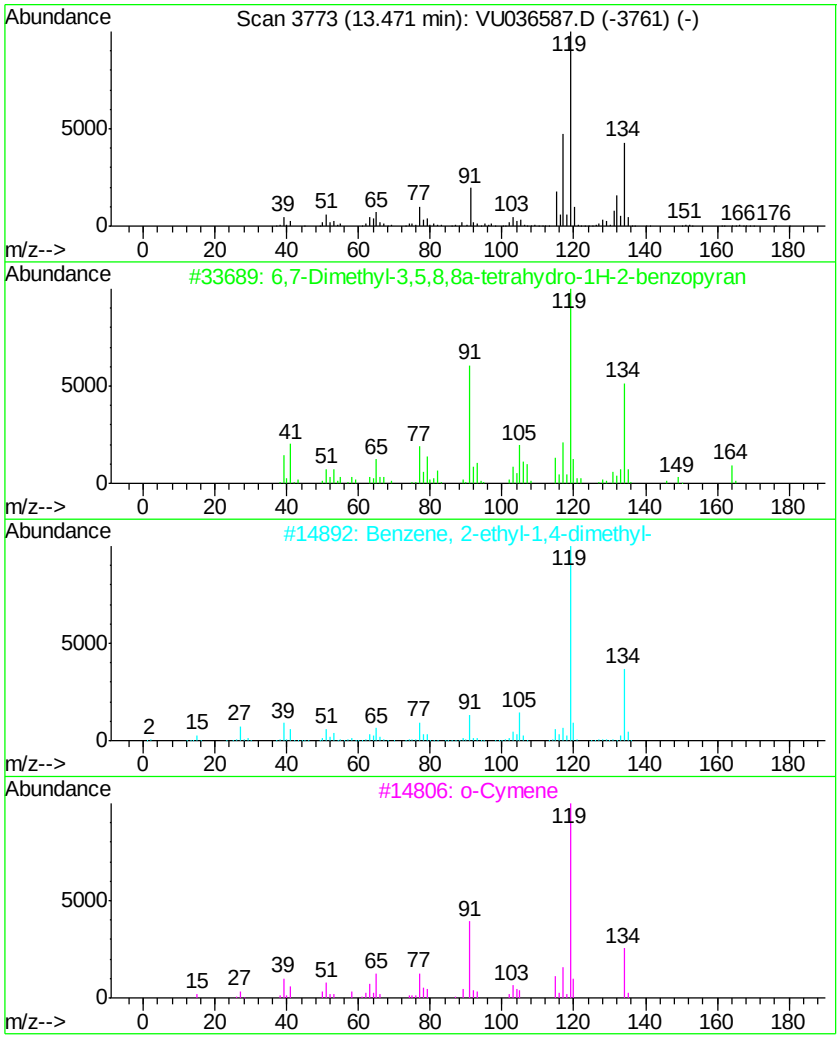
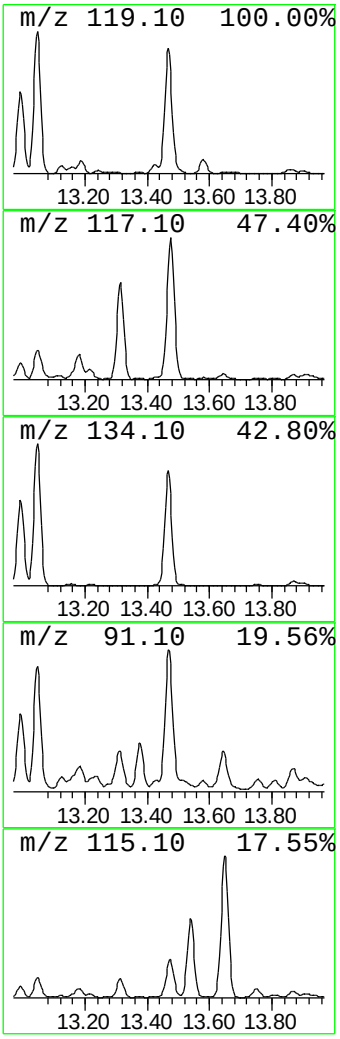
Peak Number 22 6,7-Dimethyl-3,5,8,8a-tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	229.19 ug/L	4938130	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,7-Dimethyl-3,5,8,8a-tetrahydro...	164	C11H16O	110028-10-9	81
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	76
3	o-Cymene	134	C10H14	000527-84-4	70
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70





Library Search Compound Report

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Data File : VU036587.D
Acq On : 29 Jan 2020 12:31
Operator : JC/MD
Sample : L1271-01
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4

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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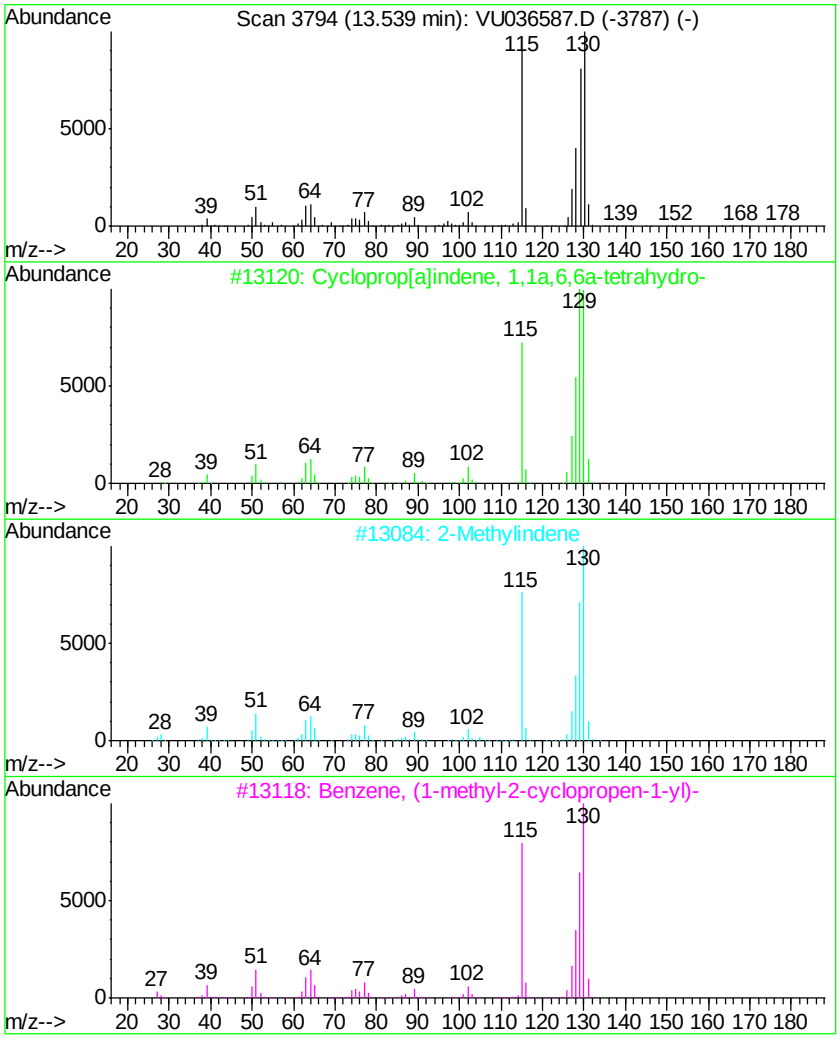
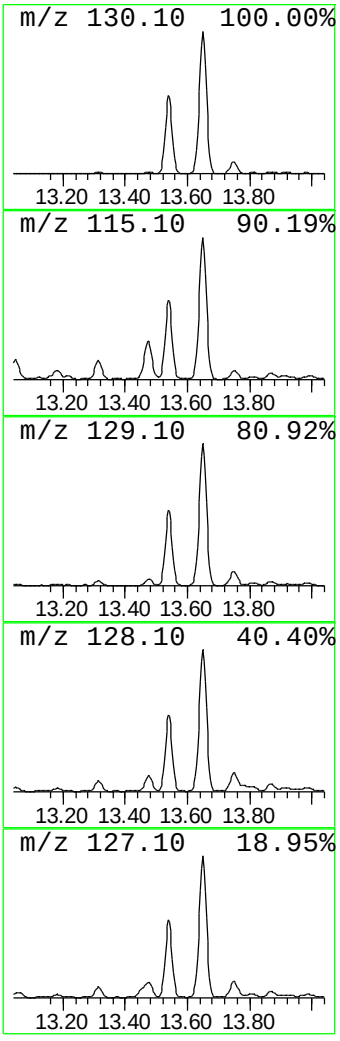
Peak Number 23 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	77.58 ug/L	1671510	1,4-Dichlorobenzene-d4	11.83

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	2-Methylindene	130	C10H10	002177-47-1	94
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	94
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	93
5	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	92





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Data File : VU036587.D
Acq On : 29 Jan 2020 12:31
Operator : JC/MD
Sample : L1271-01
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4

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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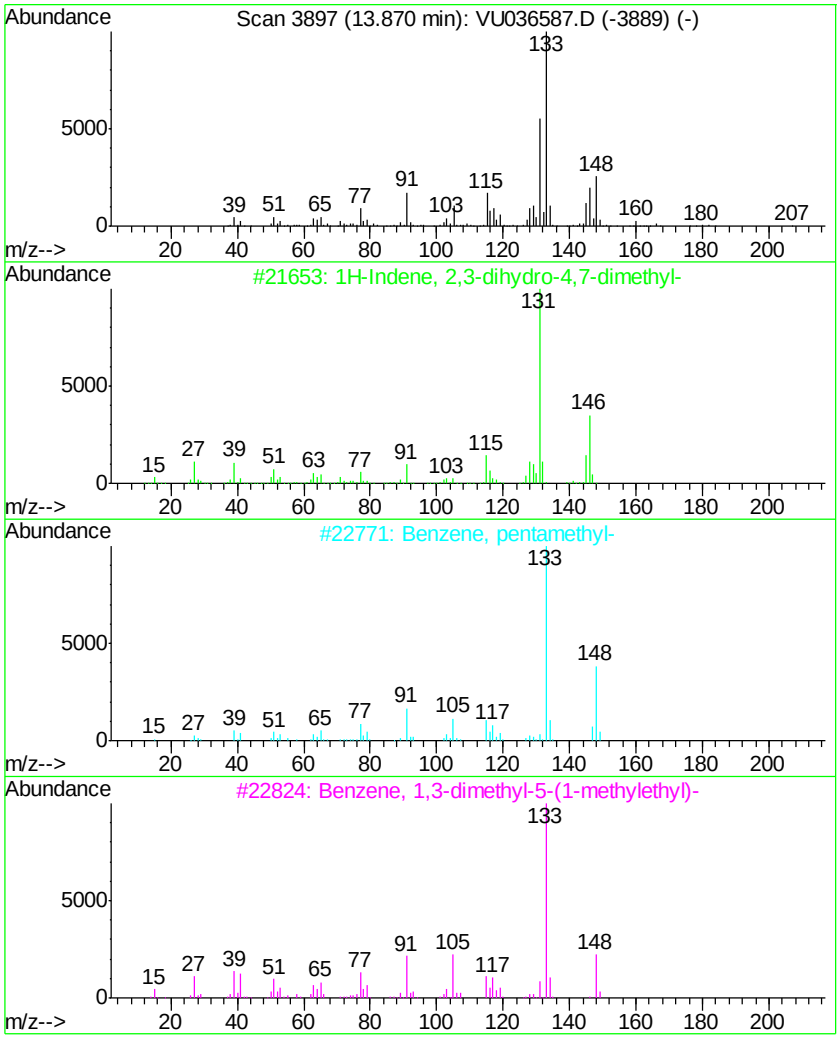
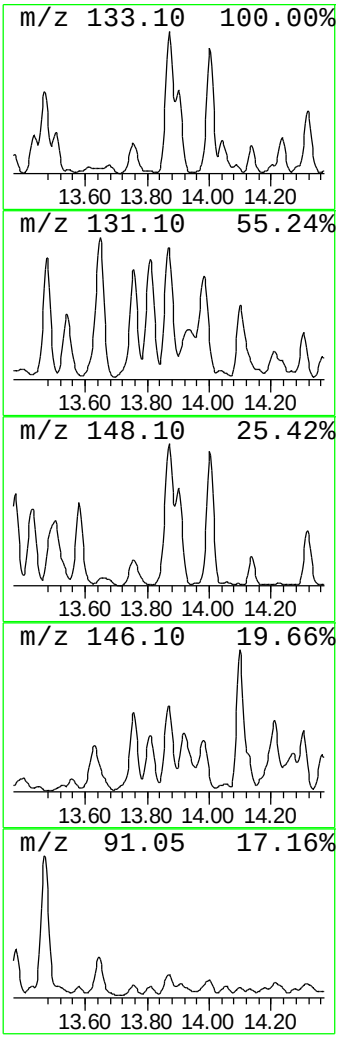
Peak Number 26 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	32.84 ug/L	707590	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	80
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	64
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	60
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	55
5	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	53





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Acq On : 29 Jan 2020 12:31
Operator : JC/MD
Sample : L1271-01
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4

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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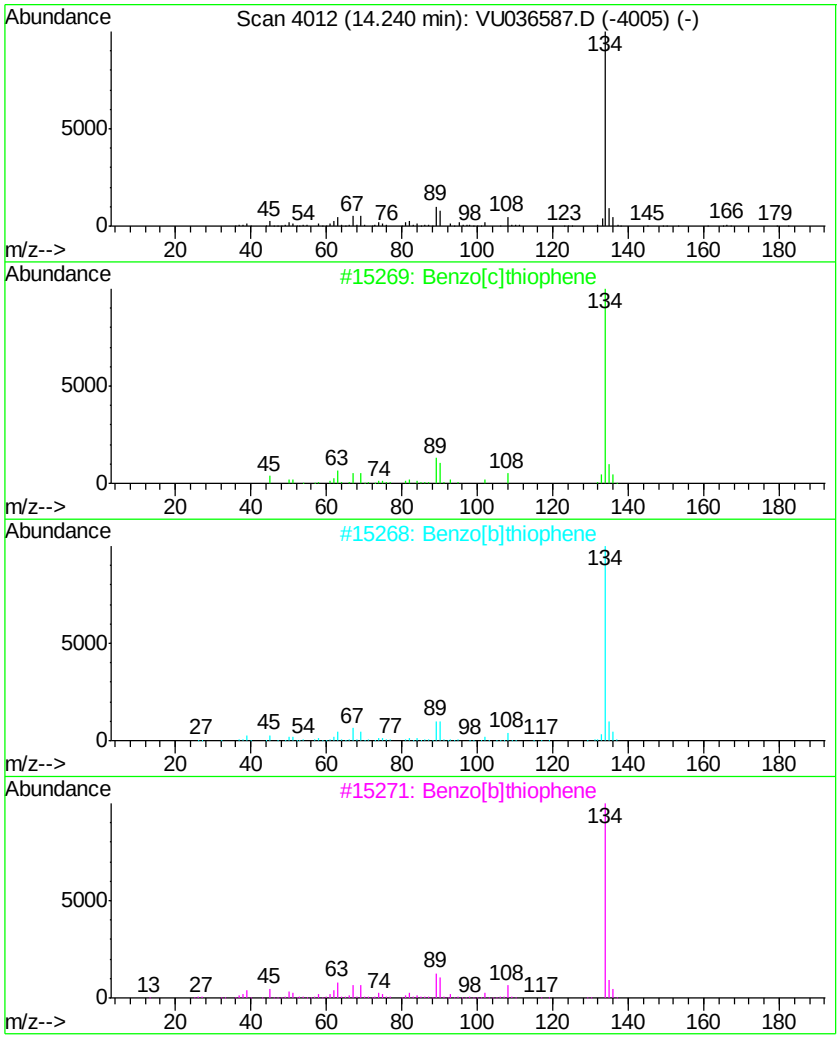
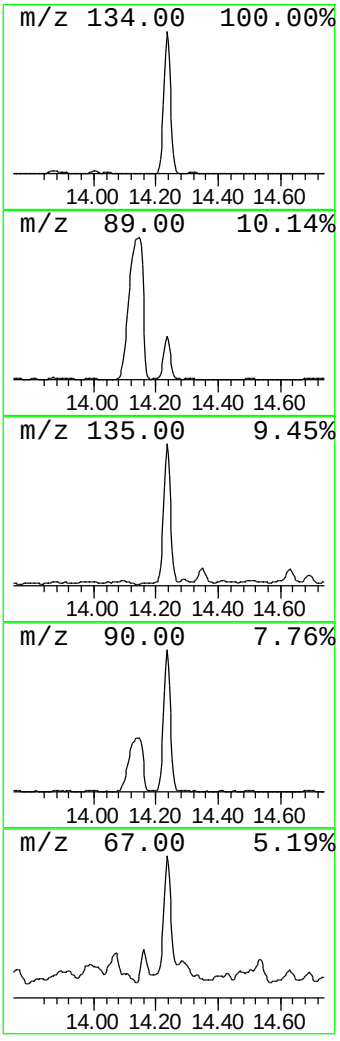
Peak Number 28 Benzo[c]thiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	67.13 ug/L	1446320	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	95
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	91





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Acq On : 29 Jan 2020 12:31
Operator : JC/MD
Sample : L1271-01
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4

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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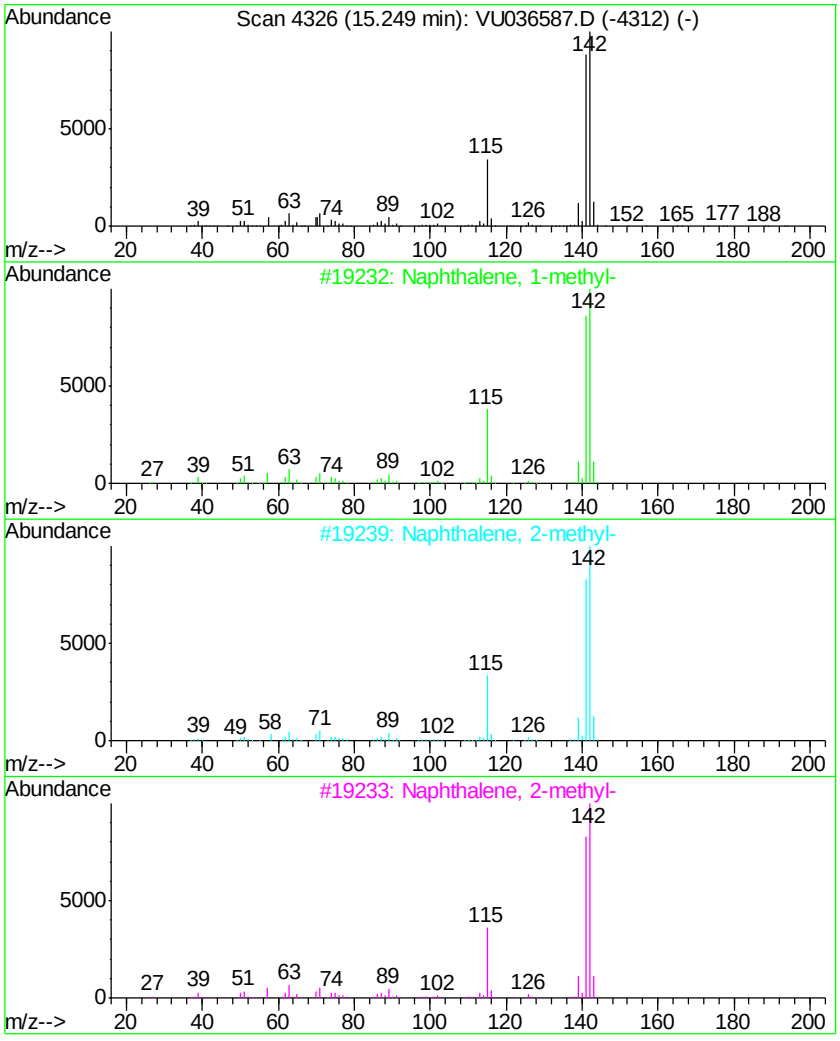
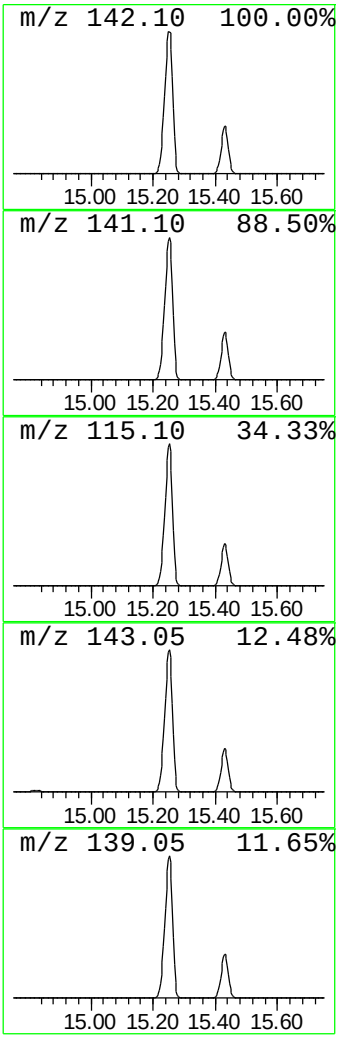
Peak Number 29 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	2360.02 ug/L	50849000	1,4-Dichlorobenzene-d4	11.83

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, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94





Library Search Compound Report

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Data File : VU036587.D
Acq On : 29 Jan 2020 12:31
Operator : JC/MD
Sample : L1271-01
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4

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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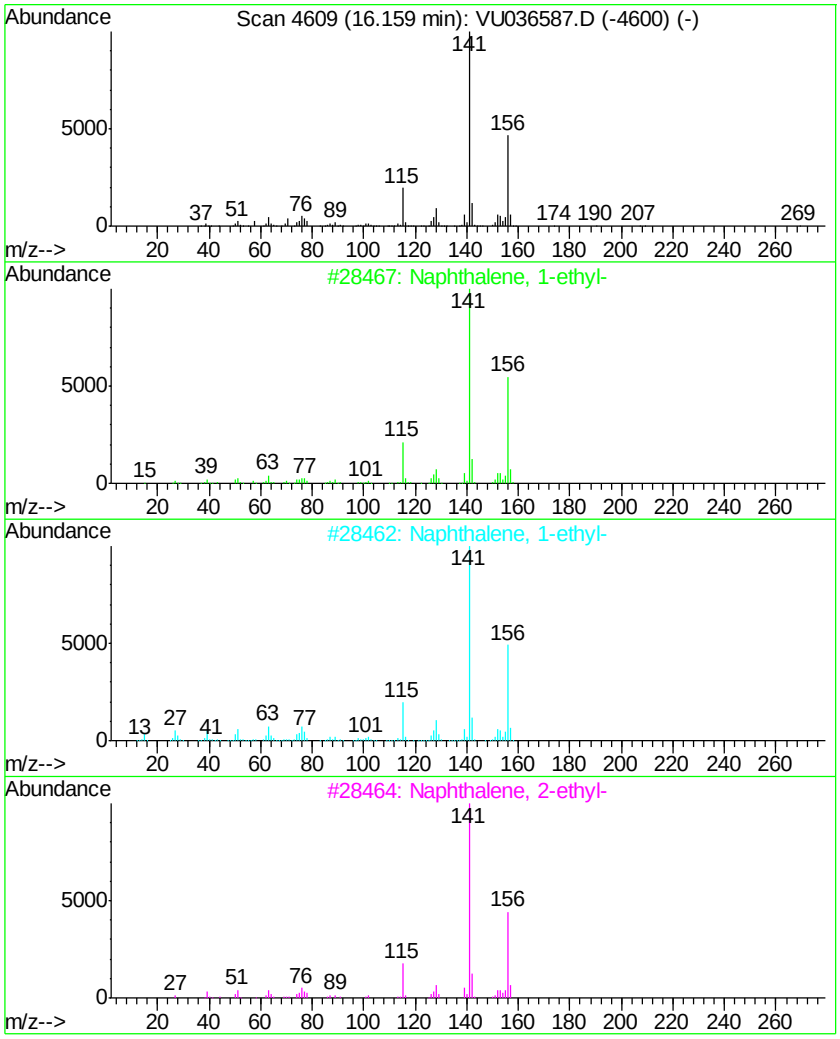
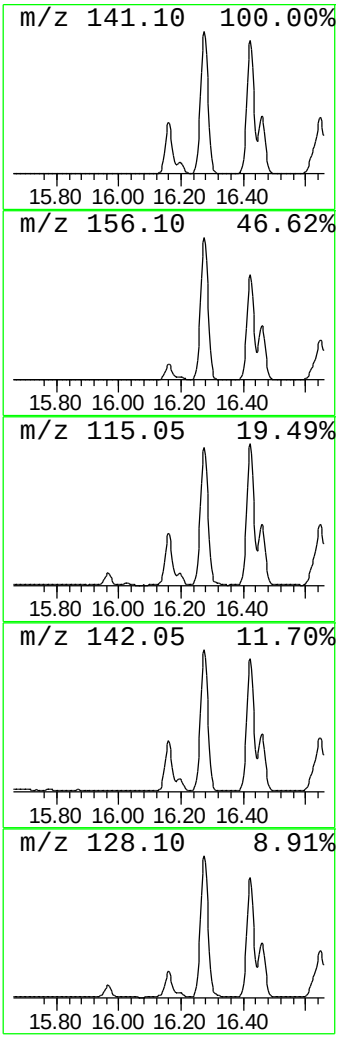
Peak Number 32 Naphthalene, 1-ethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	26.89 ug/L	579458	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95





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Data File : VU036587.D
Acq On : 29 Jan 2020 12:31
Operator : JC/MD
Sample : L1271-01
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4

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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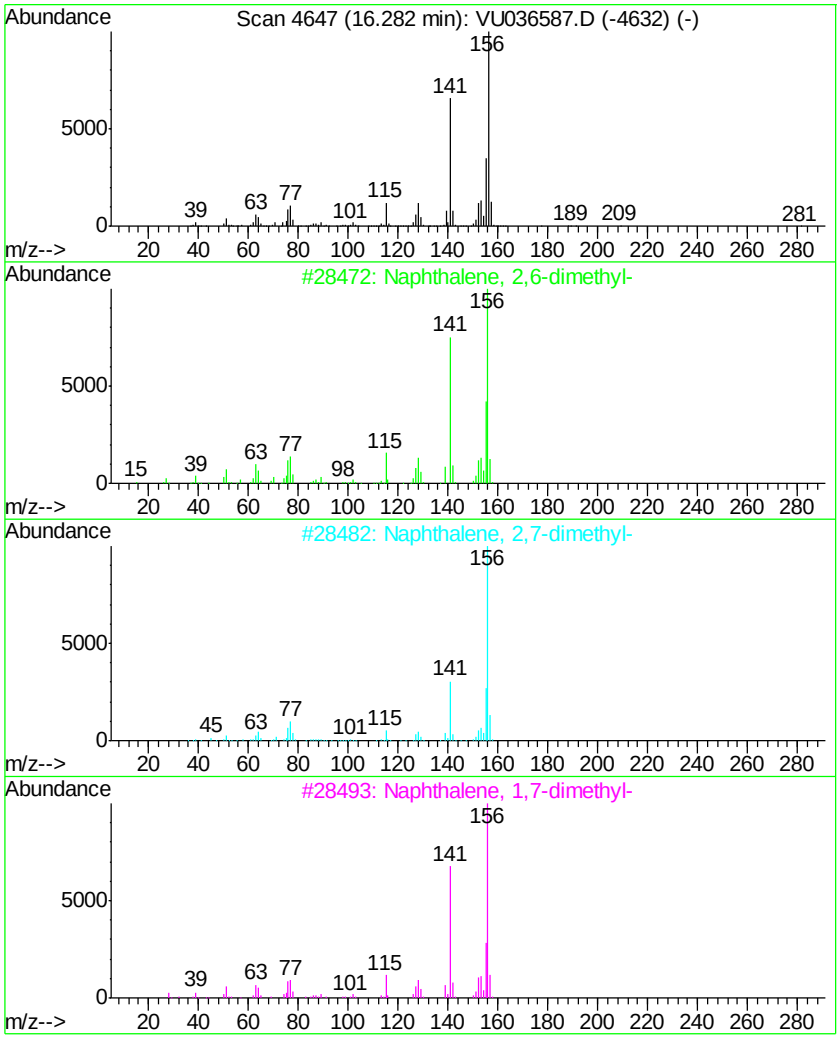
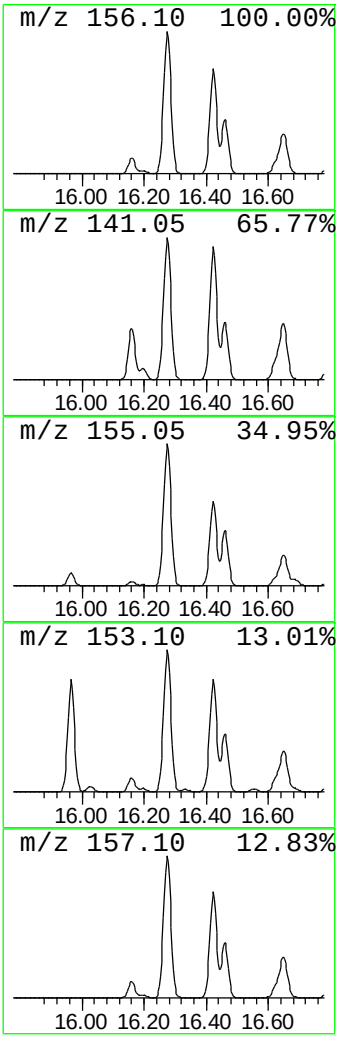
Peak Number 33 Naphthalene, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	176.74 ug/L	3808020	1,4-Dichlorobenzene-d4	11.83

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, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





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Acq On : 29 Jan 2020 12:31
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Sample : L1271-01
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4

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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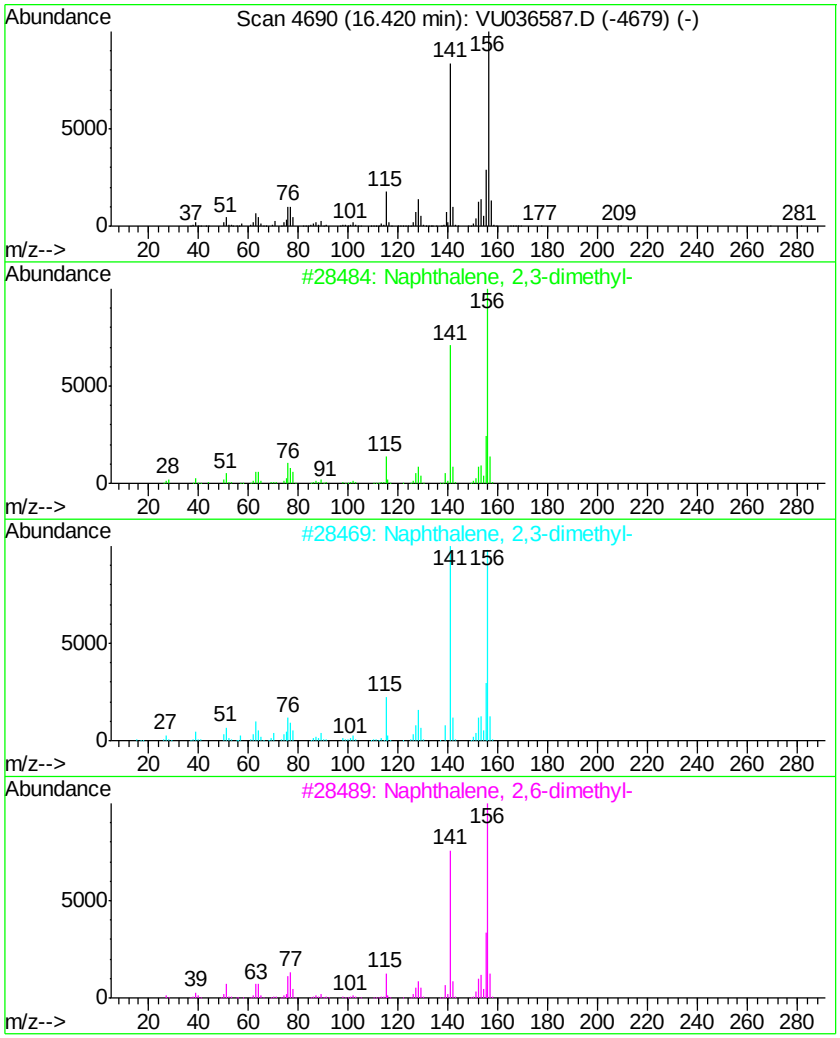
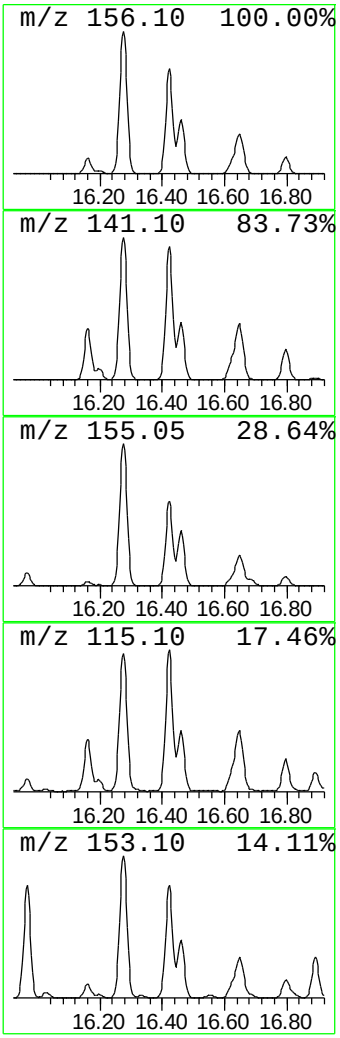
Peak Number 34 Naphthalene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	128.43 ug/L	2767200	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036587.D
Acq On : 29 Jan 2020 12:31
Operator : JC/MD
Sample : L1271-01
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4

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

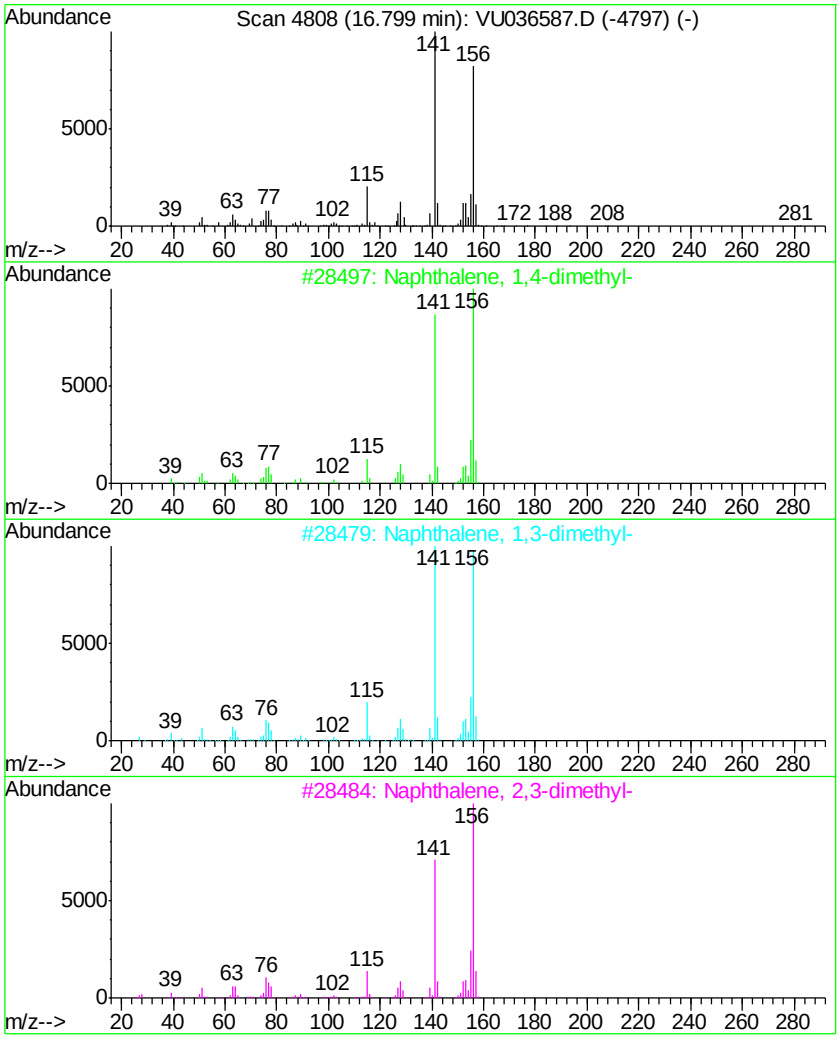
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

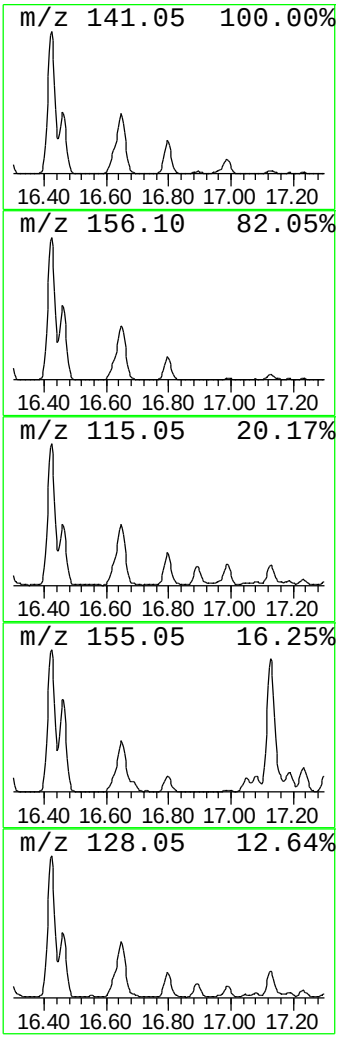
****

Peak Number 37 Naphthalene, 1,4-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	26.09 ug/L	562208	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036587.D
Acq On : 29 Jan 2020 12:31
Operator : JC/MD
Sample : L1271-01
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4

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

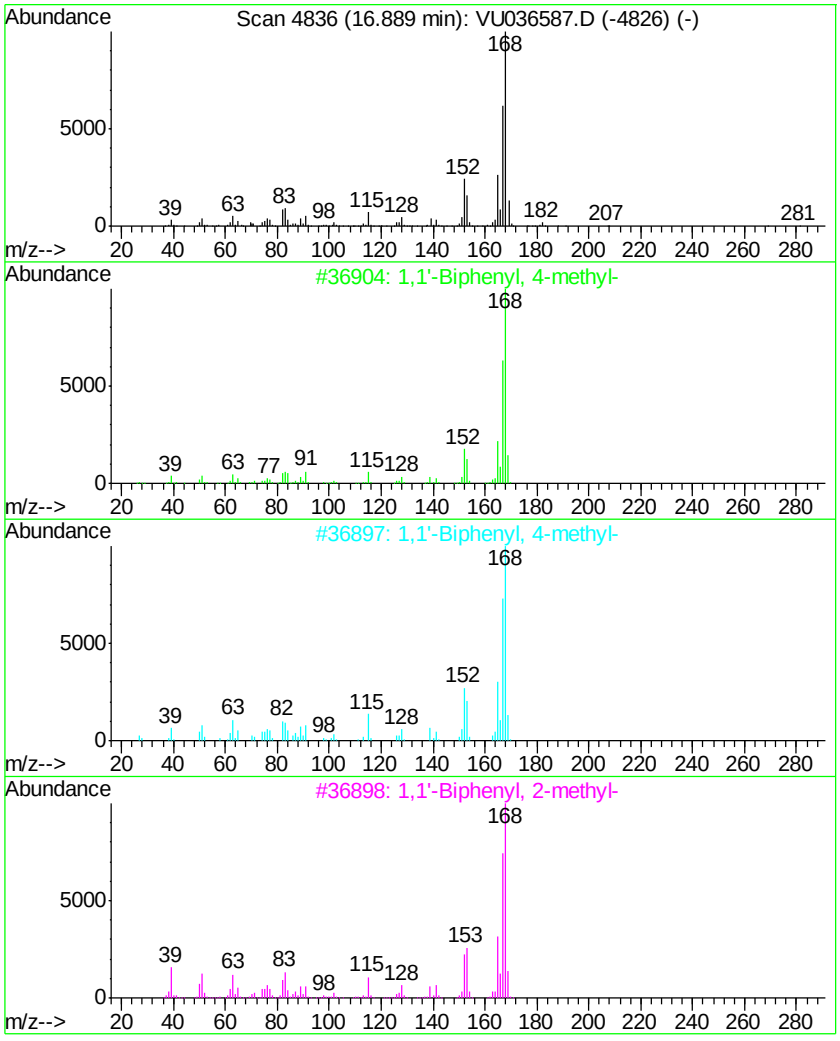
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

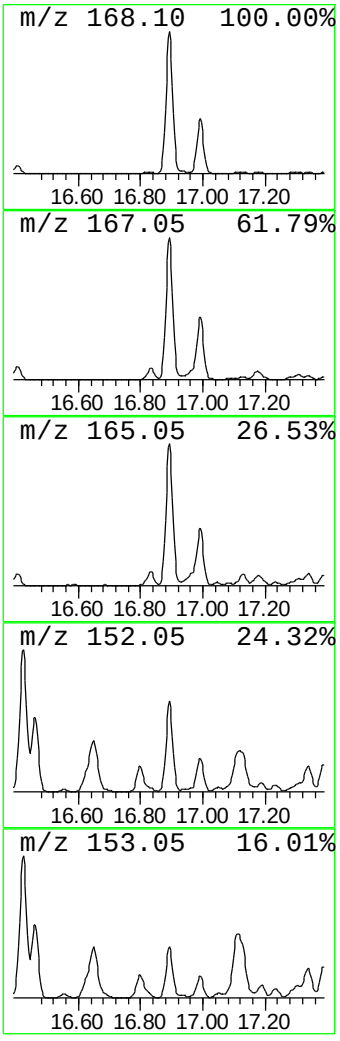
****

Peak Number 38 1,1'-Biphenyl, 4-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	36.97 ug/L	796486	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	95
2	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	95
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	93
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	93
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036587.D
Acq On : 29 Jan 2020 12:31
Operator : JC/MD
Sample : L1271-01
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ4

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, 2,4-di...	9.89	3.4	ug/L	56221	2	9.45	818174	50.0
Benzene, 2-propenyl-	10.85	18.9	ug/L	407455	3	11.83	1077300	50.0
Benzene, propyl-	10.93	42.6	ug/L	917738	3	11.83	1077300	50.0
Benzene, 1-ethyl-...	11.02	302.9	ug/L	6527340	3	11.83	1077300	50.0
Mesitylene	11.11	231.2	ug/L	4980700	3	11.83	1077300	50.0
Benzene, 1-ethyl-...	11.32	67.5	ug/L	1455420	3	11.83	1077300	50.0
Benzene, 1,2,3-tr...	11.49	752.1	ug/L	16203900	3	11.83	1077300	50.0
o-Cymene	11.76	19.4	ug/L	417146	3	11.83	1077300	50.0
Benzene, 1-propenyl-	11.97	49.5	ug/L	1066540	3	11.83	1077300	50.0
Indane	12.12	143.0	ug/L	3081940	3	11.83	1077300	50.0
Indene	12.34	286.3	ug/L	6167530	3	11.83	1077300	50.0
Benzene, 1-methyl...	12.40	14.8	ug/L	318958	3	11.83	1077300	50.0
Benzene, 4-ethyl-...	12.49	43.4	ug/L	935985	3	11.83	1077300	50.0
Benzene, 1-ethyl-...	12.59	80.0	ug/L	1723410	3	11.83	1077300	50.0
Benzene, 2-ethyl-...	12.90	14.4	ug/L	310617	3	11.83	1077300	50.0
Benzofuran, 7-met...	12.94	14.8	ug/L	319161	3	11.83	1077300	50.0
Benzene, 1,2,4,5-...	12.99	83.5	ug/L	1797930	3	11.83	1077300	50.0
Benzene, 1,2,3,5-...	13.05	168.4	ug/L	3628130	3	11.83	1077300	50.0
1H-Indene, 2,3-di...	13.31	54.3	ug/L	1170420	3	11.83	1077300	50.0
6,7-Dimethyl-3,5,...	13.47	229.2	ug/L	4938130	3	11.83	1077300	50.0
Cycloprop[a]inden...	13.54	77.6	ug/L	1671510	3	11.83	1077300	50.0
1H-Indene, 2,3-di...	13.87	32.8	ug/L	707590	3	11.83	1077300	50.0
Benzo[c]thiophene	14.24	67.1	ug/L	1446320	3	11.83	1077300	50.0
Naphthalene, 1-me...	15.25	2360.0	ug/L	50849000	3	11.83	1077300	50.0
Naphthalene, 1-et...	16.16	26.9	ug/L	579458	3	11.83	1077300	50.0
Naphthalene, 2,6-...	16.28	176.7	ug/L	3808020	3	11.83	1077300	50.0
Naphthalene, 2,3-...	16.42	128.4	ug/L	2767200	3	11.83	1077300	50.0
Naphthalene, 1,4-...	16.80	26.1	ug/L	562208	3	11.83	1077300	50.0
1,1'-Biphenyl, 4-...	16.89	37.0	ug/L	796486	3	11.83	1077300	50.0