LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021220\
Data File : VU036756.D
Acq On : 12 Feb 2020 17:37
Operator : JC/MD
Sample : L1487-11
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBCW0

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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\SOMUTR021220WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.613	78	85	95	rBV	71968	77853	6.45%	0.686%
2	1.932	175	184	195	rVB	62772	82657	6.85%	0.729%
3	2.591	377	389	401	rBV	109304	177580	14.71%	1.565%
4	2.658	401	410	426	rVB	9177	15436	1.28%	0.136%
5	2.790	439	451	473	rBV	23783	46086	3.82%	0.406%
6	4.671	1021	1036	1060	rBV	84403	199835	16.56%	1.762%
7	5.105	1152	1171	1190	rBV	90139	196313	16.26%	1.731%
8	5.764	1353	1376	1398	rBV2	200220	498596	41.31%	4.395%
9	6.282	1523	1537	1553	rBV	169256	311334	25.79%	2.745%
10	6.726	1661	1675	1695	rBV	121437	233047	19.31%	2.054%
11	7.594	1933	1945	1959	rBV2	64096	111012	9.20%	0.979%
12	7.925	2034	2048	2062	rBV	253901	429035	35.55%	3.782%
13	8.205	2123	2135	2154	rBV	38711	66083	5.47%	0.583%
14	8.661	2262	2277	2303	rBV	293233	507748	42.07%	4.476%
15	9.440	2507	2519	2538	rBV	234639	383749	31.79%	3.383%
16	9.716	2595	2605	2614	rVB2	8657	12971	1.07%	0.114%
17	10.121	2722	2731	2744	rVB	25986	39662	3.29%	0.350%
18	10.504	2840	2850	2867	rVB	23568	35643	2.95%	0.314%
19	10.777	2923	2935	2951	rBV	87923	139653	11.57%	1.231%
20	11.308	3089	3100	3111	rVB	25063	38615	3.20%	0.340%
21	11.828	3247	3262	3279	rVB	234904	372047	30.82%	3.280%
22	12.111	3332	3350	3365	rBV	278400	431614	35.76%	3.805%
23	12.208	3369	3380	3394	rVB	238046	381121	31.58%	3.360%
24	12.327	3406	3417	3429	rBV	28729	46051	3.82%	0.406%
25	12.398	3429	3439	3449	rBV3	9042	17337	1.44%	0.153%
26	12.484	3453	3466	3467	rBV5	9833	13564	1.12%	0.120%
27	12.700	3523	3533	3550	rVB	135917	222084	18.40%	1.958%
28	12.947	3597	3610	3621	rBV	362954	562893	46.64%	4.962%
29	13.050	3630	3642	3644	rBV2	115623	163573	13.55%	1.442%
30	13.134	3662	3668	3683	rVB	68346	106974	8.86%	0.943%
31	13.320	3715	3726	3743	rVB	59003	94476	7.83%	0.833%
32	13.481	3766	3776	3787	rBV	50116	79870	6.62%	0.704%
33	13.652	3817	3829	3840	rVB2	37633	58010	4.81%	0.511%
34	13.816	3872	3880	3888	rVV4	11846	18989	1.57%	0.167%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021220\
Data File : VU036756.D
Acq On : 12 Feb 2020 17:37
Operator : JC/MD
Sample : L1487-11
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBCW0

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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\SOMUTR021220WMA.M
Title : TRACE VOA SOM01.0

35	13.864	3889	3895	3903	rVV4	11395	16386	1.36%	0.144%
36	13.915	3903	3911	3924	rVV3	16770	35680	2.96%	0.315%
37	13.970	3924	3928	3939	rVB2	11299	15970	1.32%	0.141%
38	14.118	3955	3974	3992	rBV	457815	846259	70.11%	7.460%
39	14.205	3993	4001	4002	rBV2	13244	14492	1.20%	0.128%
40	14.240	4003	4012	4021	rBV	118971	179082	14.84%	1.579%
41	14.317	4032	4036	4046	rVB3	14531	21771	1.80%	0.192%
42	14.381	4047	4056	4063	rBV3	9206	16156	1.34%	0.142%
43	14.523	4093	4100	4109	rVB3	9767	14526	1.20%	0.128%
44	14.706	4147	4157	4172	rBV5	11054	24960	2.07%	0.220%
45	14.922	4210	4224	4240	rVB2	89060	150415	12.46%	1.326%
46	15.211	4294	4314	4323	rBV	180090	324211	26.86%	2.858%
47	15.266	4323	4331	4353	rVB	128398	216436	17.93%	1.908%
48	15.455	4378	4390	4409	rBV2	248756	456945	37.86%	4.028%
49	16.005	4551	4561	4572	rVV	90611	147438	12.22%	1.300%
50	16.069	4572	4581	4589	rVV5	8732	14367	1.19%	0.127%
51	16.201	4614	4622	4628	rBV	17664	25935	2.15%	0.229%
52	16.237	4628	4633	4646	rVB5	18904	28519	2.36%	0.251%
53	16.314	4647	4657	4666	rBV2	46413	82626	6.85%	0.728%
54	16.465	4684	4704	4711	rBV3	73318	140701	11.66%	1.240%
55	16.504	4712	4716	4729	rVB2	29492	42232	3.50%	0.372%
56	16.674	4758	4769	4772	rBV3	17257	28172	2.33%	0.248%
57	16.844	4813	4822	4833	rBV2	15350	25427	2.11%	0.224%
58	16.947	4843	4854	4868	rBV4	41599	72614	6.02%	0.640%
59	17.047	4877	4885	4895	rVB4	15639	25213	2.09%	0.222%
60	17.159	4906	4920	4938	rBV	690879	1207009	100.00%	10.640%
61	17.349	4971	4979	4989	rVB2	16603	27114	2.25%	0.239%
62	17.481	5005	5020	5046	rBV	490064	971579	80.49%	8.565%

Sum of corrected areas: 11343746

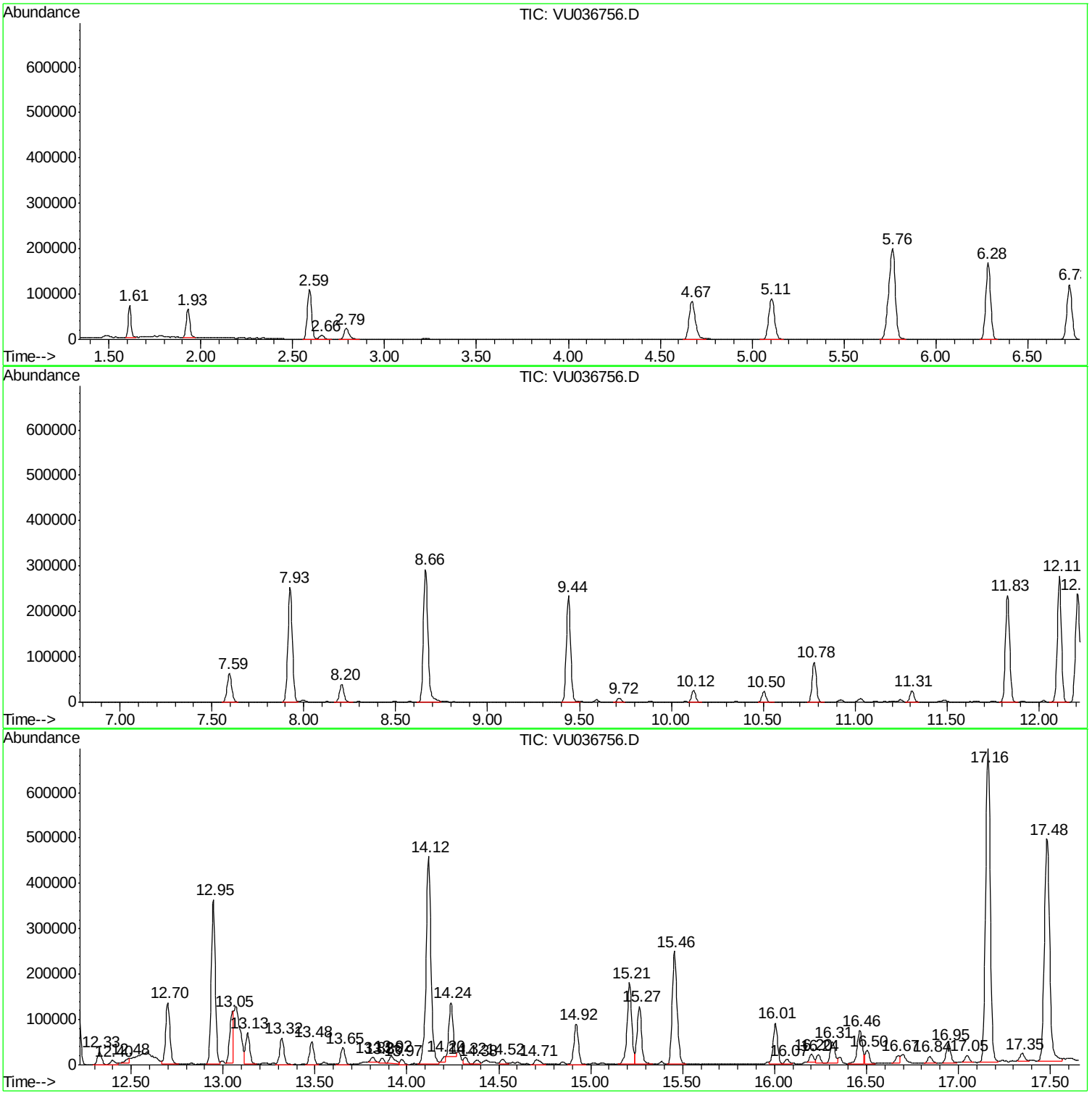
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021220\
Data File : VU036756.D
Acq On : 12 Feb 2020 17:37
Operator : JC/MD
Sample : L1487-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBCW0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021220\
Data File : VU036756.D
Acq On : 12 Feb 2020 17:37
Operator : JC/MD
Sample : L1487-11
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBCW0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0

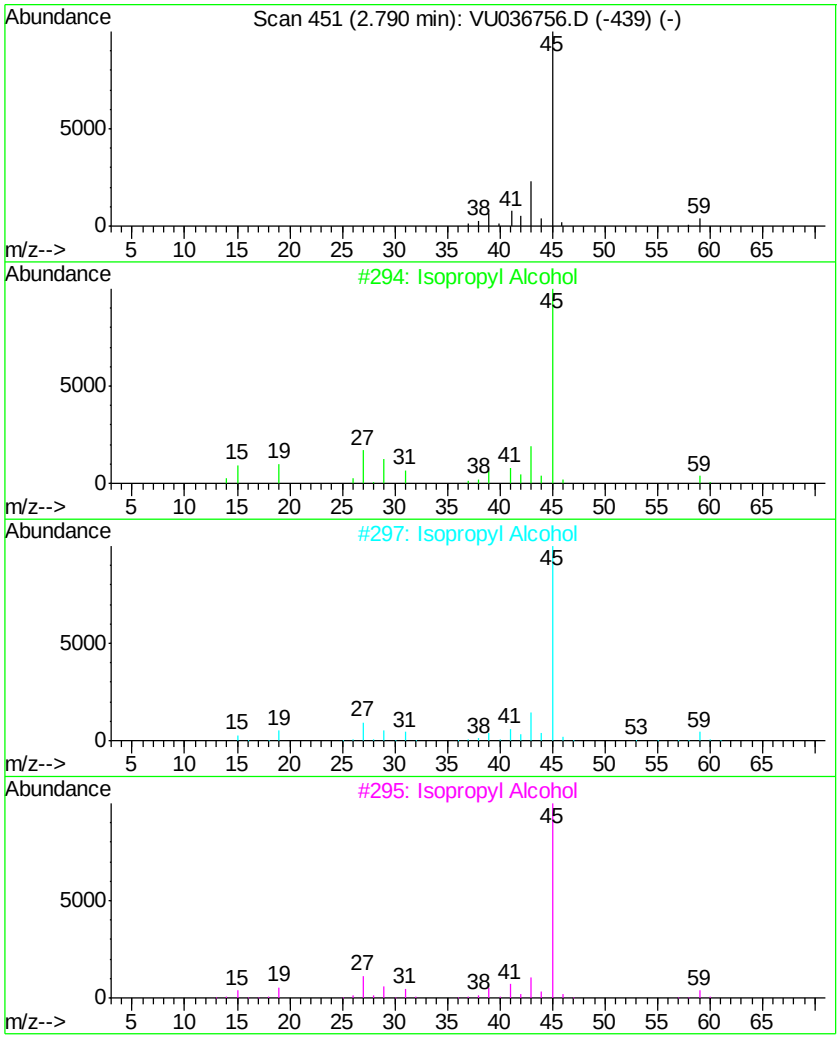
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

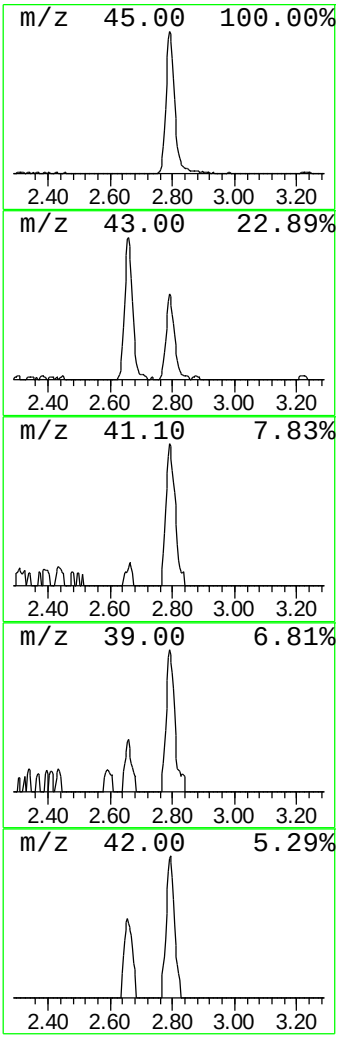
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	0.74 ug/L	46086	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	74
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	Ethylamine	45	C2H7N	000075-04-7	5





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021220\
Data File : VU036756.D
Acq On : 12 Feb 2020 17:37
Operator : JC/MD
Sample : L1487-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBCW0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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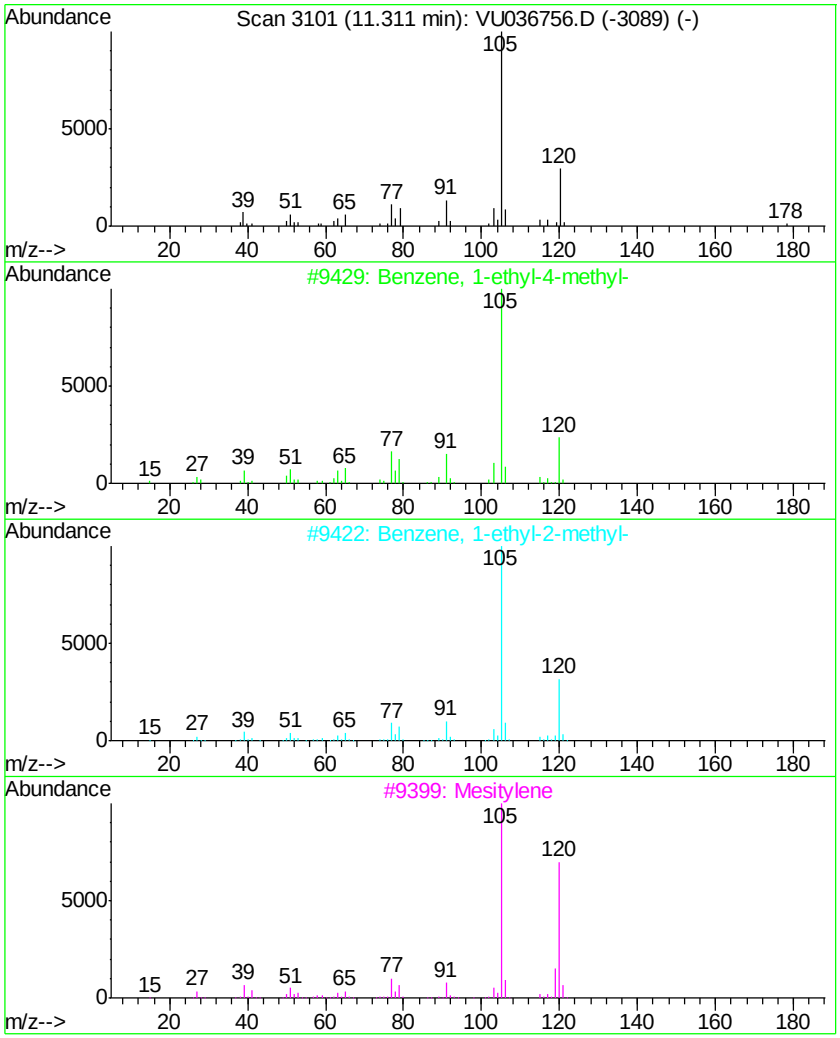
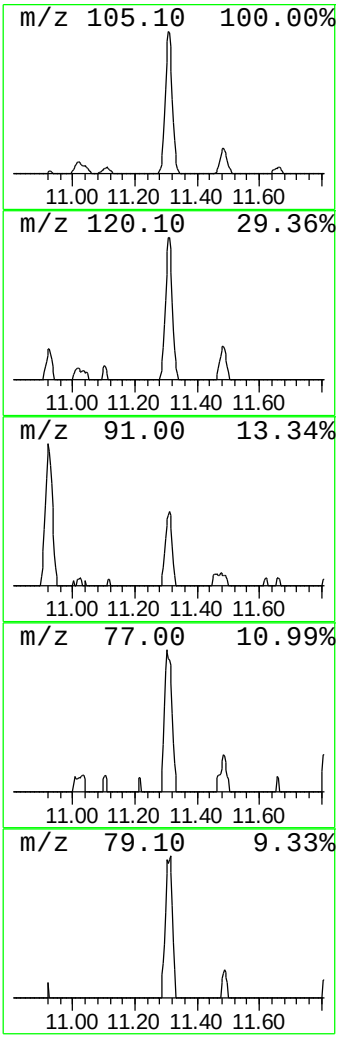
Peak Number 3 Benzene, 1-ethyl-4-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	0.52 ug/L	38615	1,4-Dichlorobenzene-d4	11.83

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021220\
Data File : VU036756.D
Acq On : 12 Feb 2020 17:37
Operator : JC/MD
Sample : L1487-11
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBCW0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0

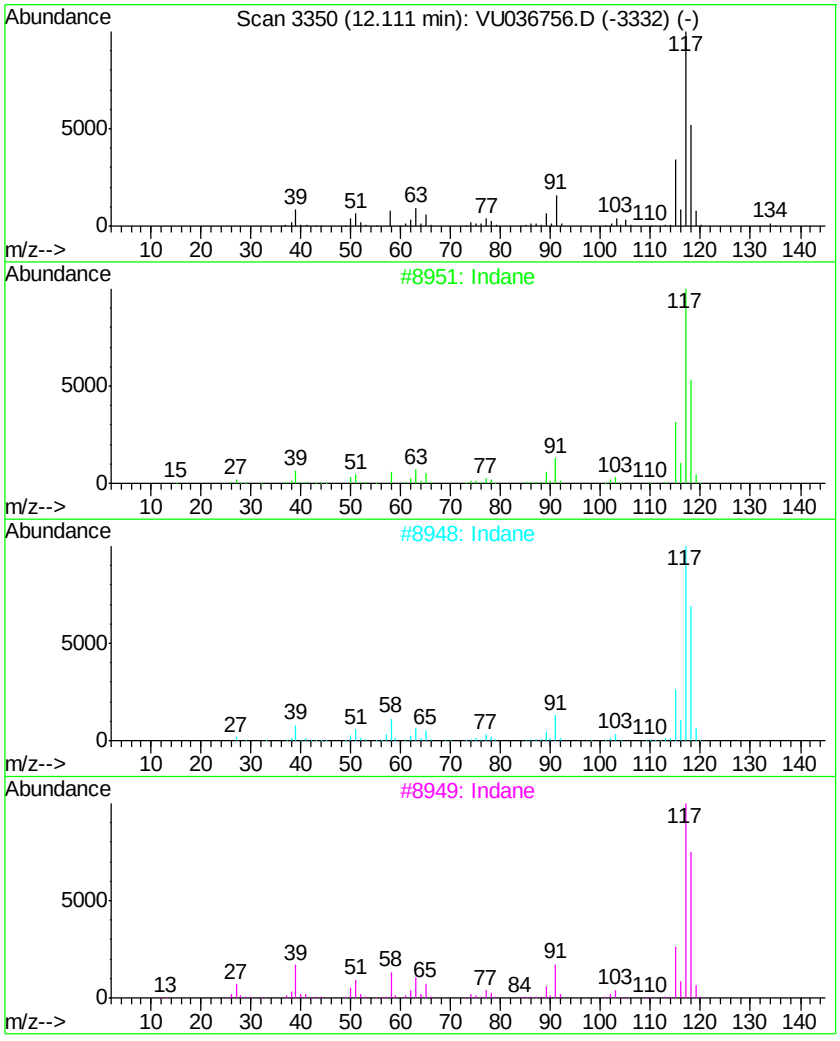
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

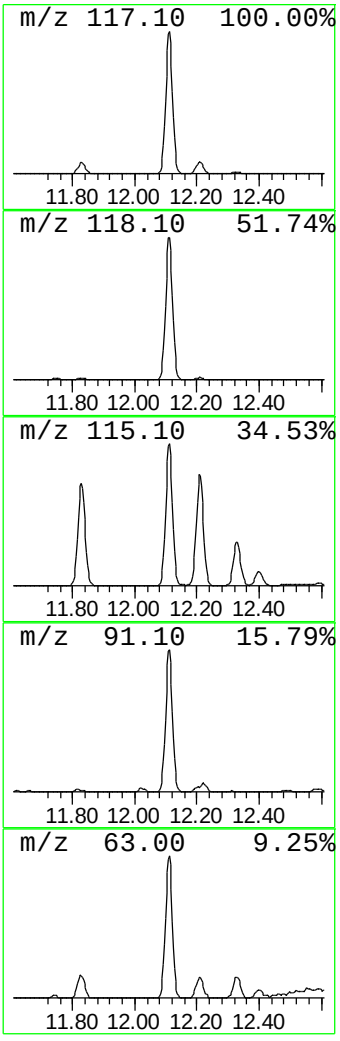
****

Peak Number 4 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	5.80 ug/L	431614	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Indane	118	C9H10	000496-11-7	93
3	Indane	118	C9H10	000496-11-7	92
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021220\
Data File : VU036756.D
Acq On : 12 Feb 2020 17:37
Operator : JC/MD
Sample : L1487-11
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBCW0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0

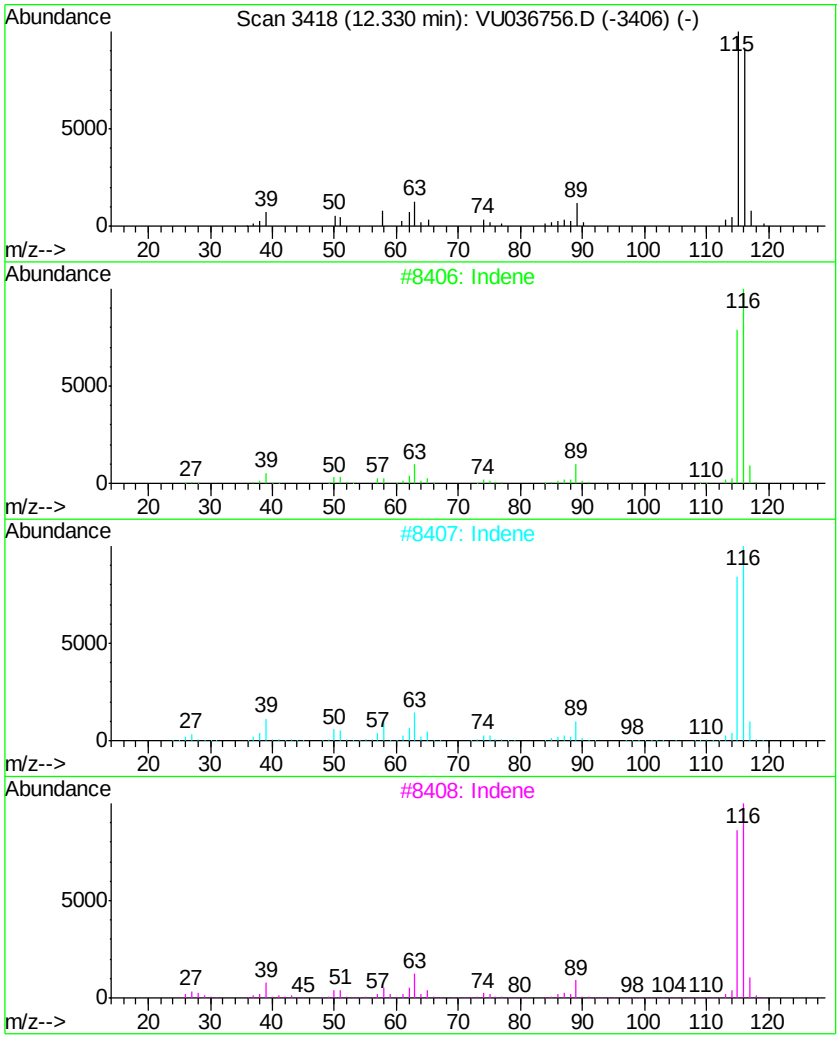
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

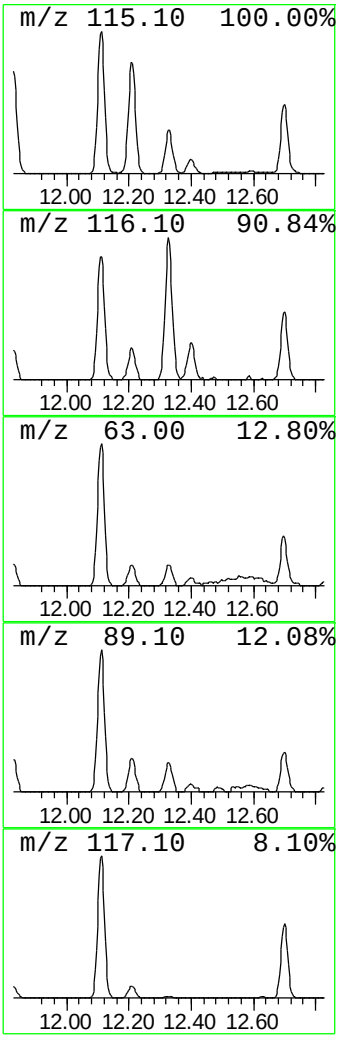
****

Peak Number 5 Indene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	0.62 ug/L	46051	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	97
3	Indene	116	C9H8	000095-13-6	95
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021220\
Data File : VU036756.D
Acq On : 12 Feb 2020 17:37
Operator : JC/MD
Sample : L1487-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBCW0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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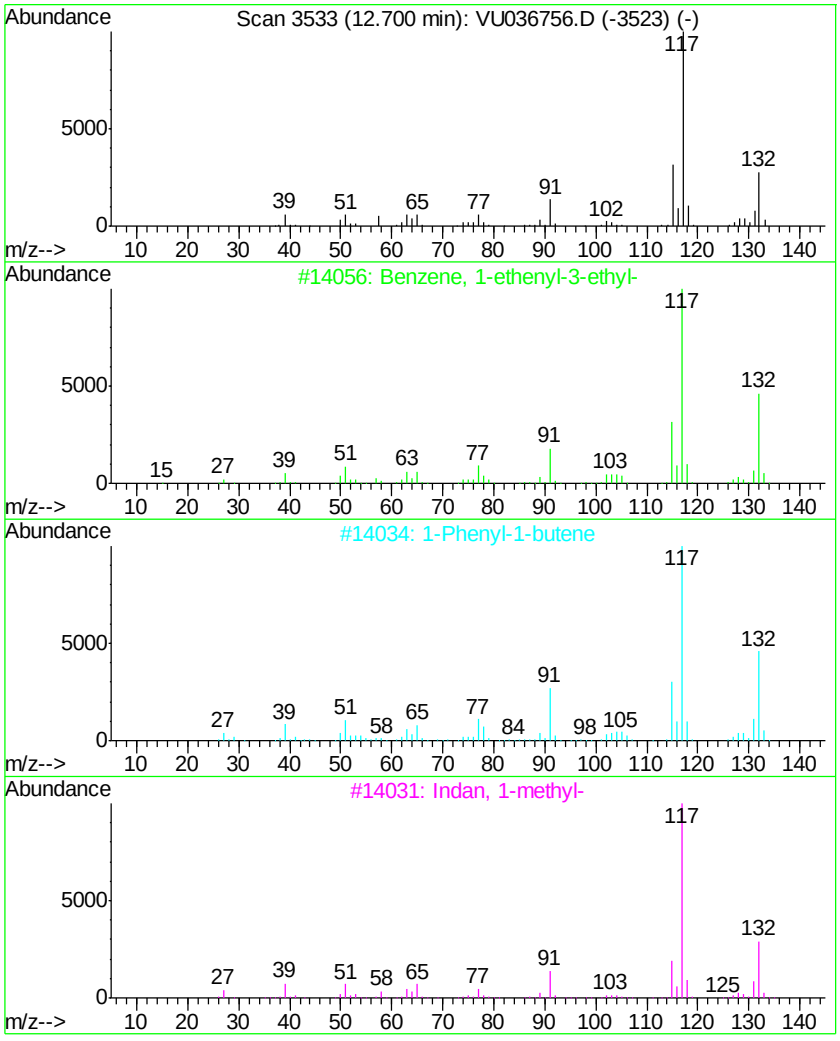
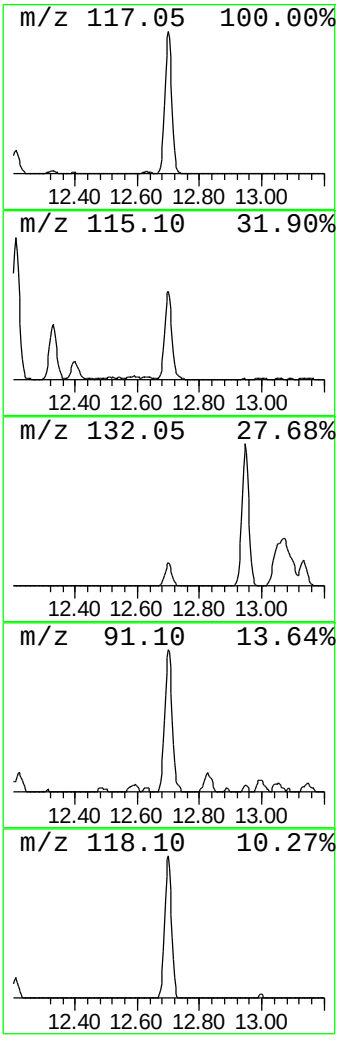
Peak Number 6 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	2.98 ug/L	222084	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
3	Indan, 1-methyl-	132	C10H12	000767-58-8	90
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	86
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021220\
Data File : VU036756.D
Acq On : 12 Feb 2020 17:37
Operator : JC/MD
Sample : L1487-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBCW0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0

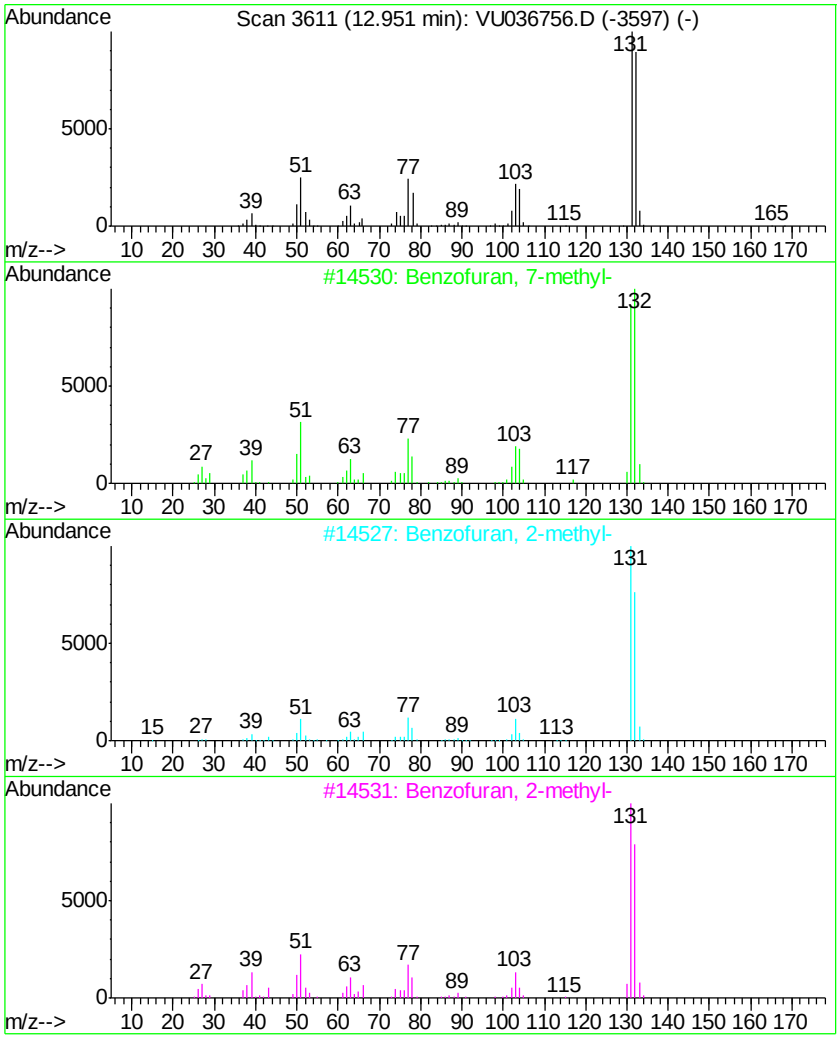
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

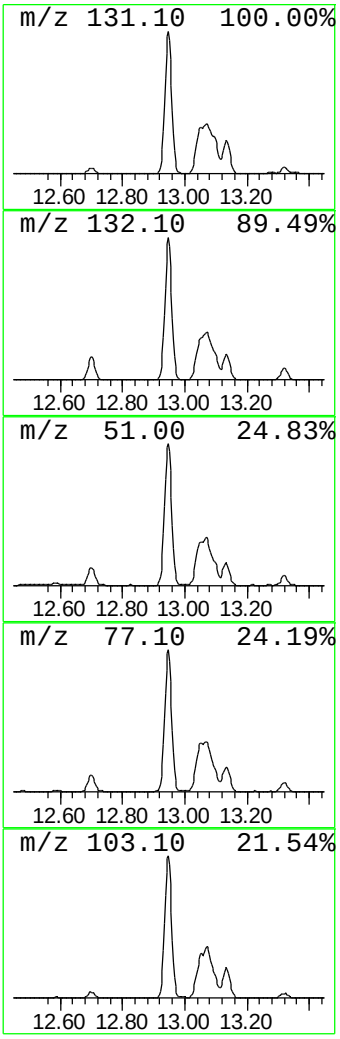
****

Peak Number 7 Benzofuran, 7-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	7.56 ug/L	562893	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	97
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021220\
Data File : VU036756.D
Acq On : 12 Feb 2020 17:37
Operator : JC/MD
Sample : L1487-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBCW0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0

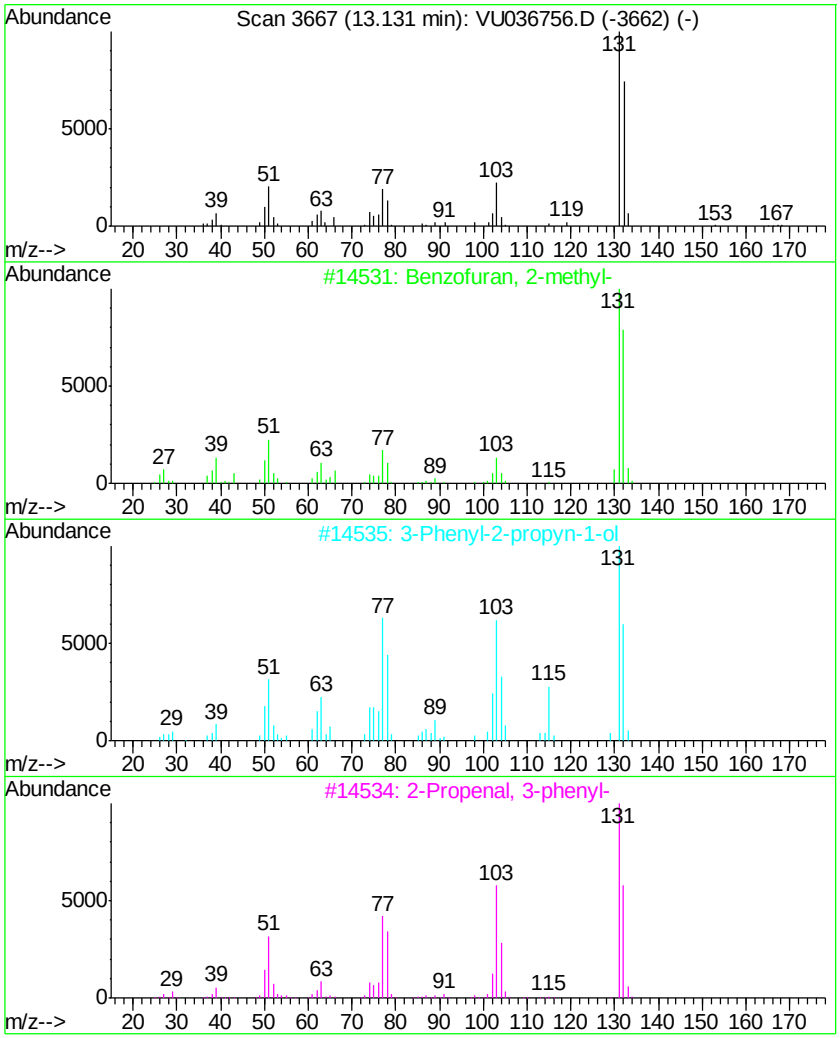
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

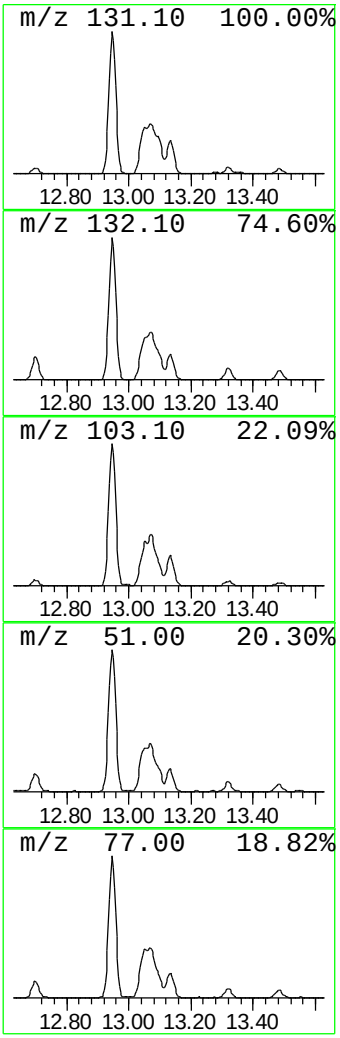
****

Peak Number 9 Benzofuran, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	1.44 ug/L	106974	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	97
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
3	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021220\
Data File : VU036756.D
Acq On : 12 Feb 2020 17:37
Operator : JC/MD
Sample : L1487-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBCW0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0

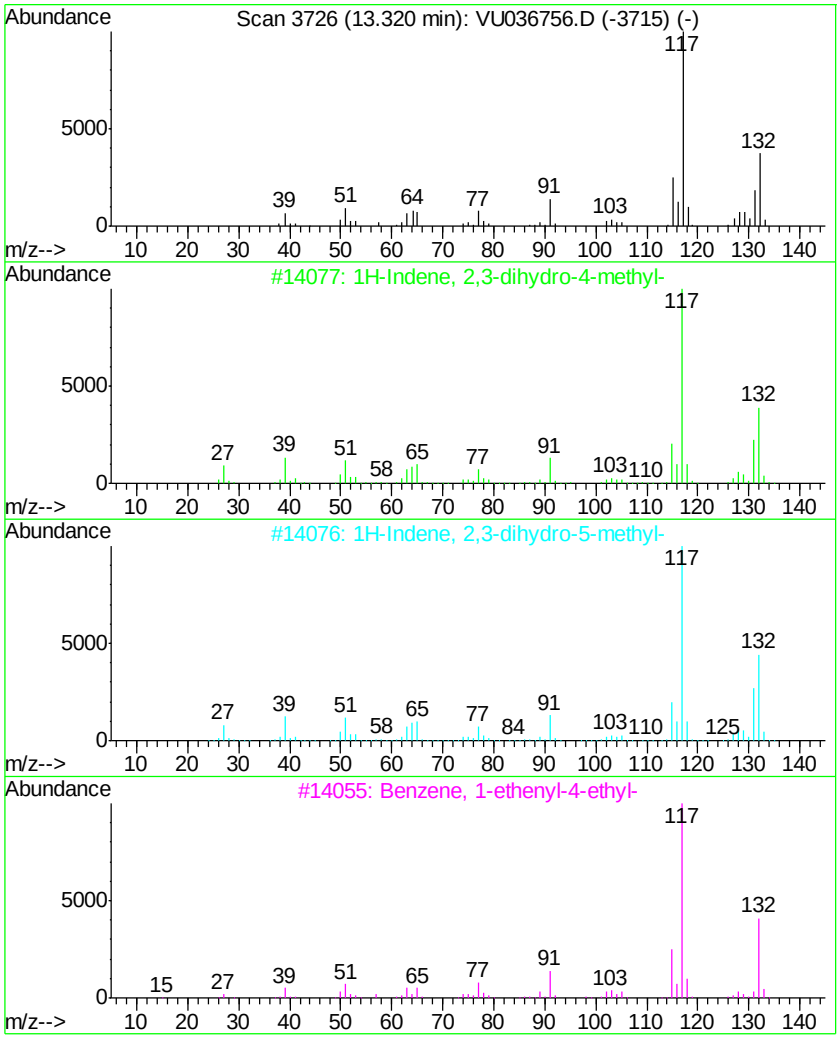
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

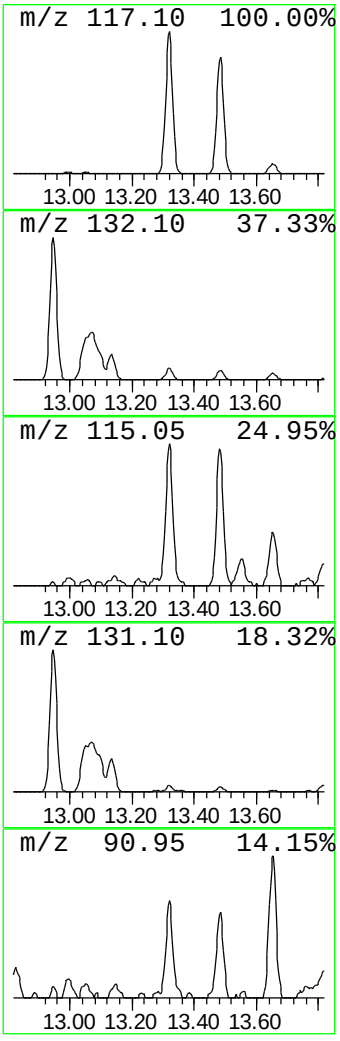
****

Peak Number 10 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	1.27 ug/L	94476	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	93
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
4	Indan, 1-methyl-	132	C10H12	000767-58-8	90
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021220\
Data File : VU036756.D
Acq On : 12 Feb 2020 17:37
Operator : JC/MD
Sample : L1487-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBCW0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0

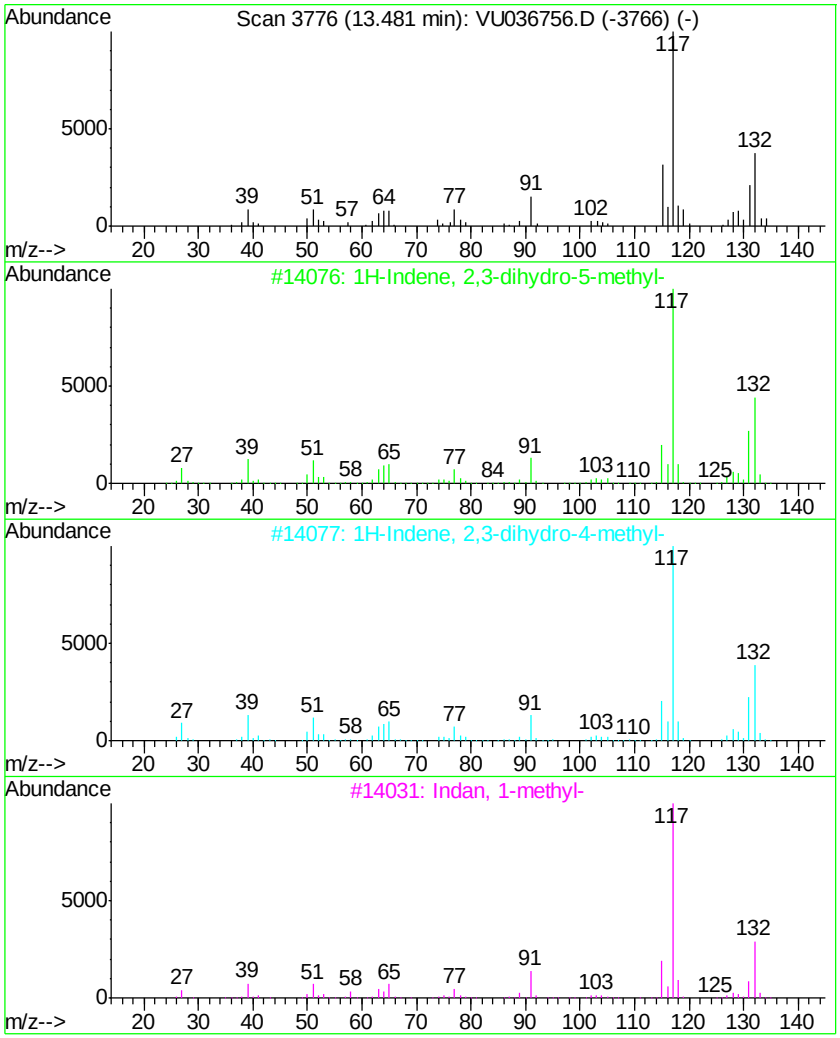
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

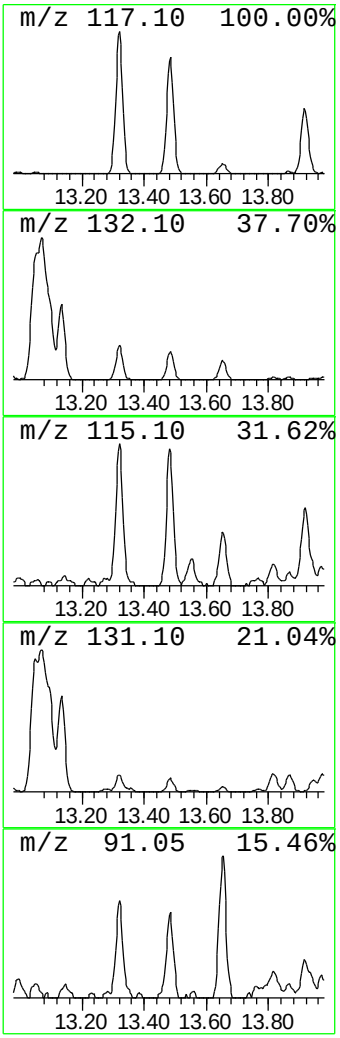
****

Peak Number 11 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	1.07 ug/L	79870	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021220\
Data File : VU036756.D
Acq On : 12 Feb 2020 17:37
Operator : JC/MD
Sample : L1487-11
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBCW0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0

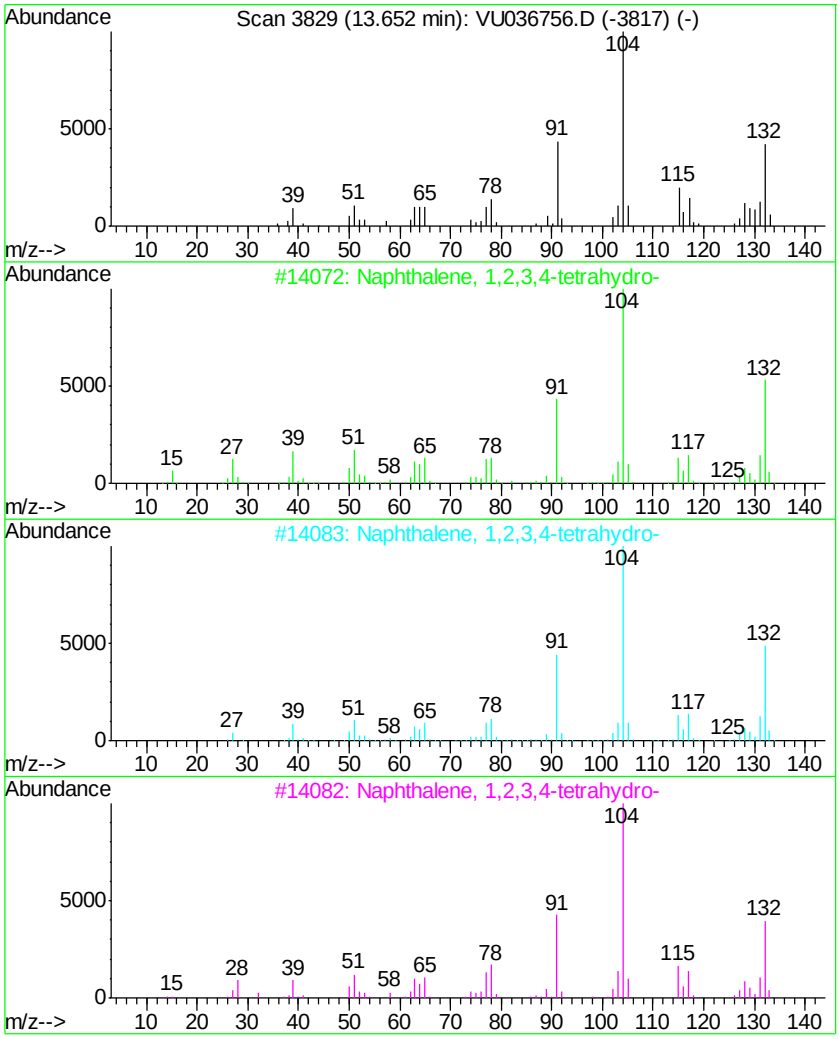
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

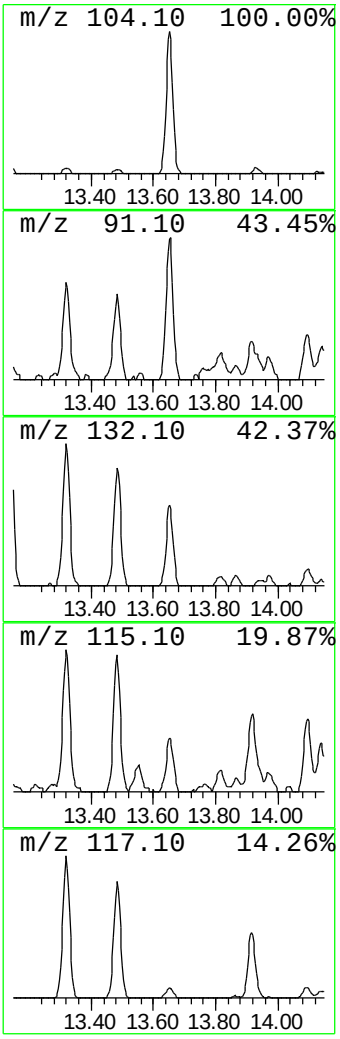
****

Peak Number 12 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	0.78 ug/L	58010	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
5	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	47





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Data File : VU036756.D
Acq On : 12 Feb 2020 17:37
Operator : JC/MD
Sample : L1487-11
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBCW0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0

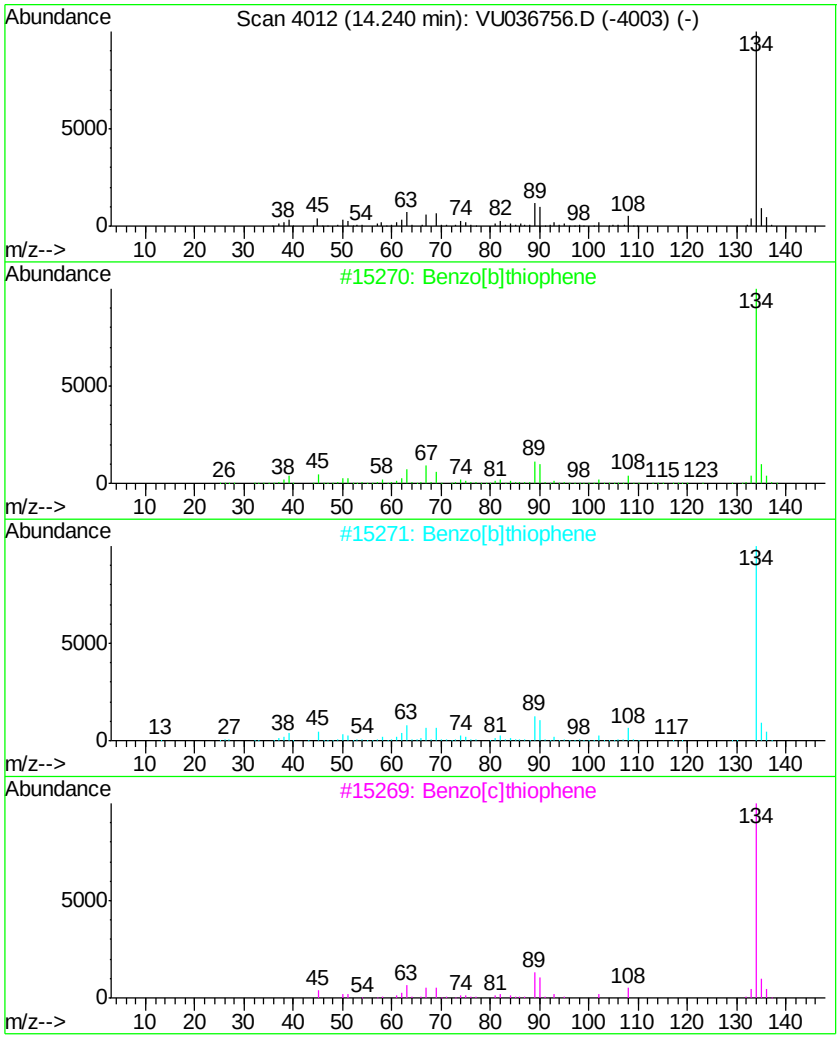
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

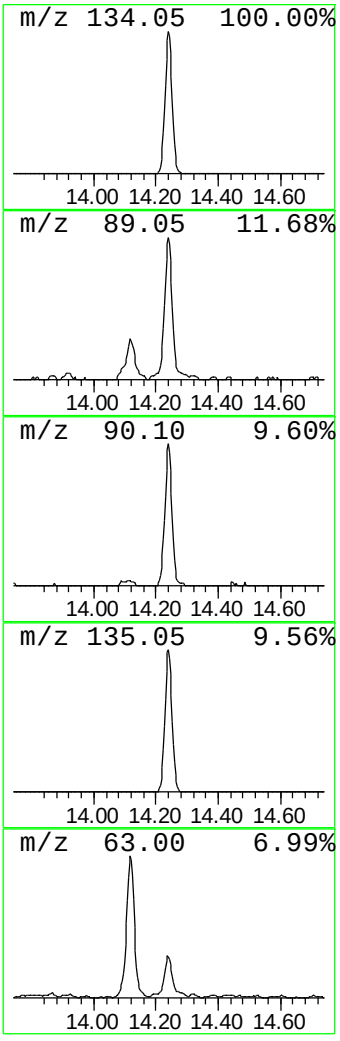
****

Peak Number 14 Benzo[b]thiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	2.41 ug/L	179082	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	97
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	97
3	Benzo[c]thiophene	134	C8H6S	000270-82-6	97
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	97
5	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021220\
Data File : VU036756.D
Acq On : 12 Feb 2020 17:37
Operator : JC/MD
Sample : L1487-11
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBCW0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0

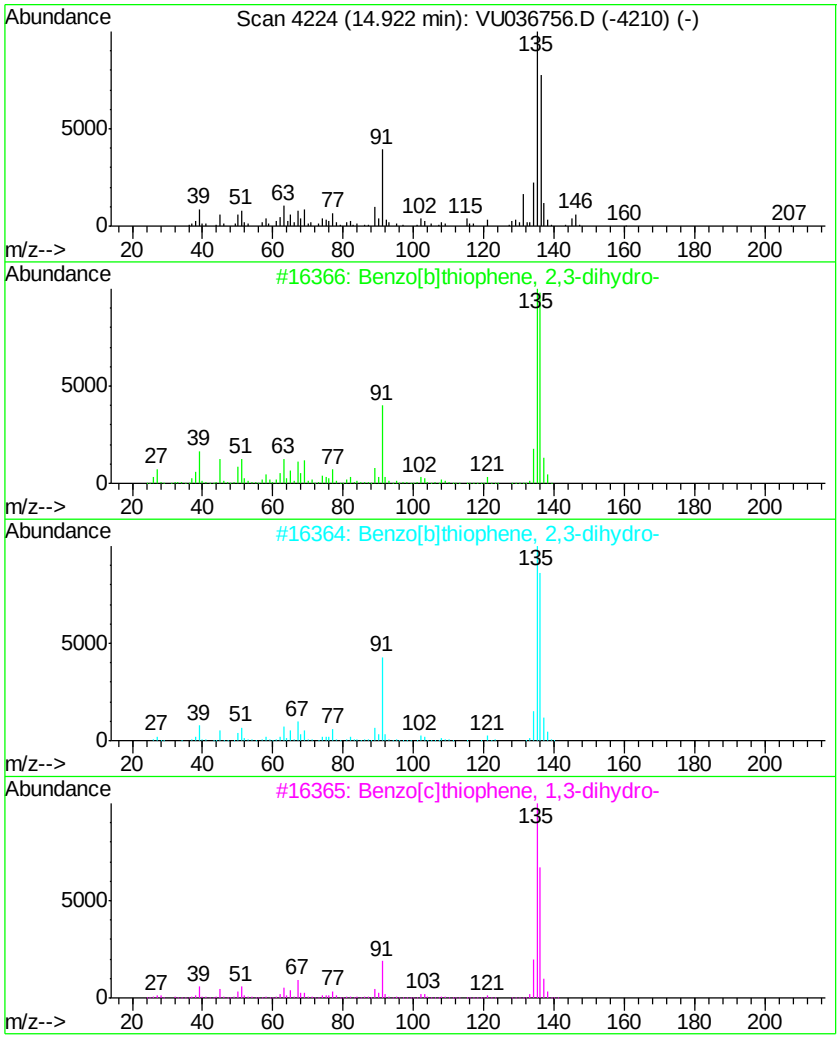
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

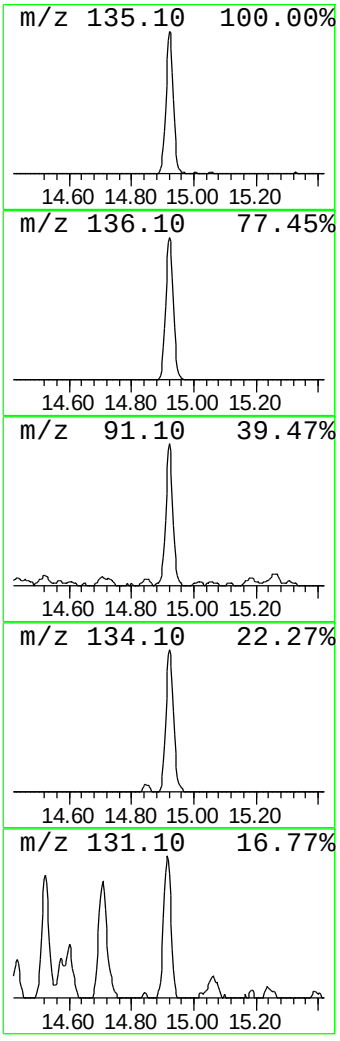
****

Peak Number 15 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	2.02 ug/L	150415	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	95
2	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	94
3	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	81
4	Benzaldehyde, 2-hydroxy-4-methyl-	136	C8H8O2	000698-27-1	59
5	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021220\
Data File : VU036756.D
Acq On : 12 Feb 2020 17:37
Operator : JC/MD
Sample : L1487-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBCW0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0

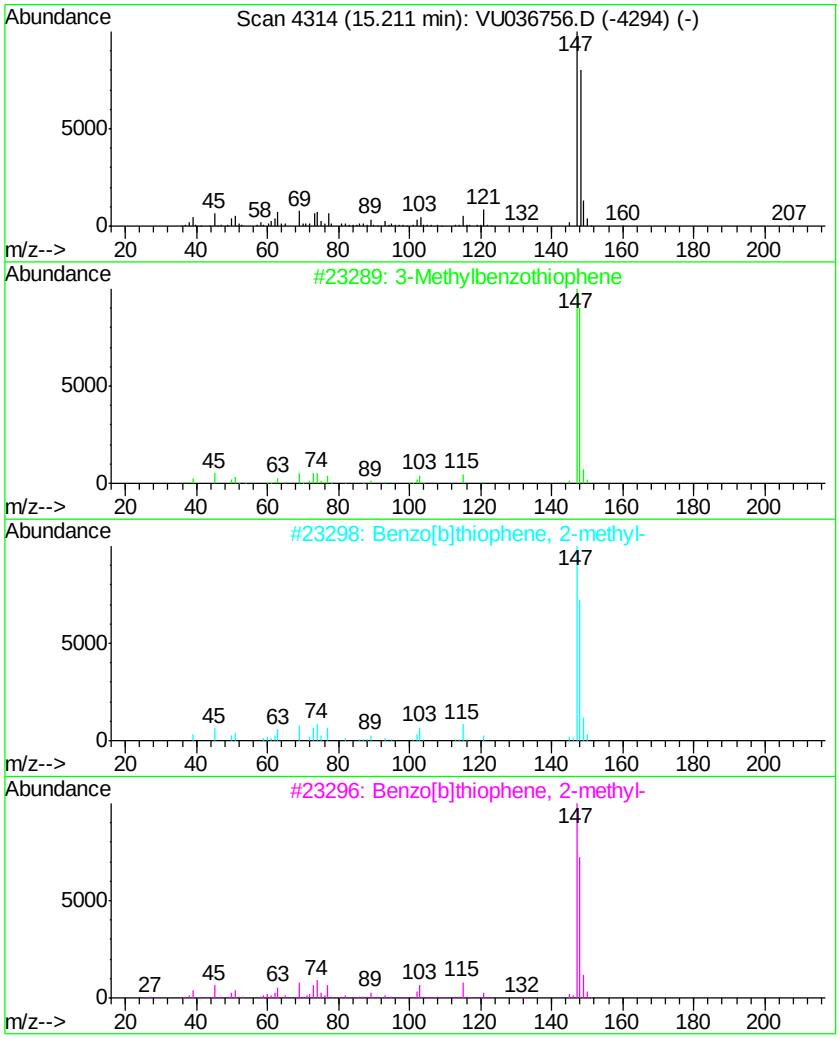
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

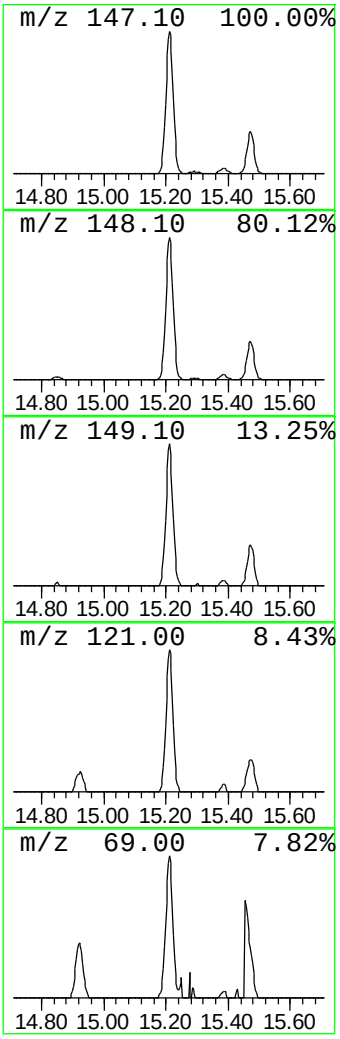
****

Peak Number 16 3-Methylbenzothiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	4.36 ug/L	324211	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylbenzothiophene	148	C9H8S	001455-18-1	94
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
4	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	91





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Data File : VU036756.D
Acq On : 12 Feb 2020 17:37
Operator : JC/MD
Sample : L1487-11
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBCW0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0

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

****

Peak Number 17 Naphthalene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	2.91 ug/L	216436	1,4-Dichlorobenzene-d4	11.83

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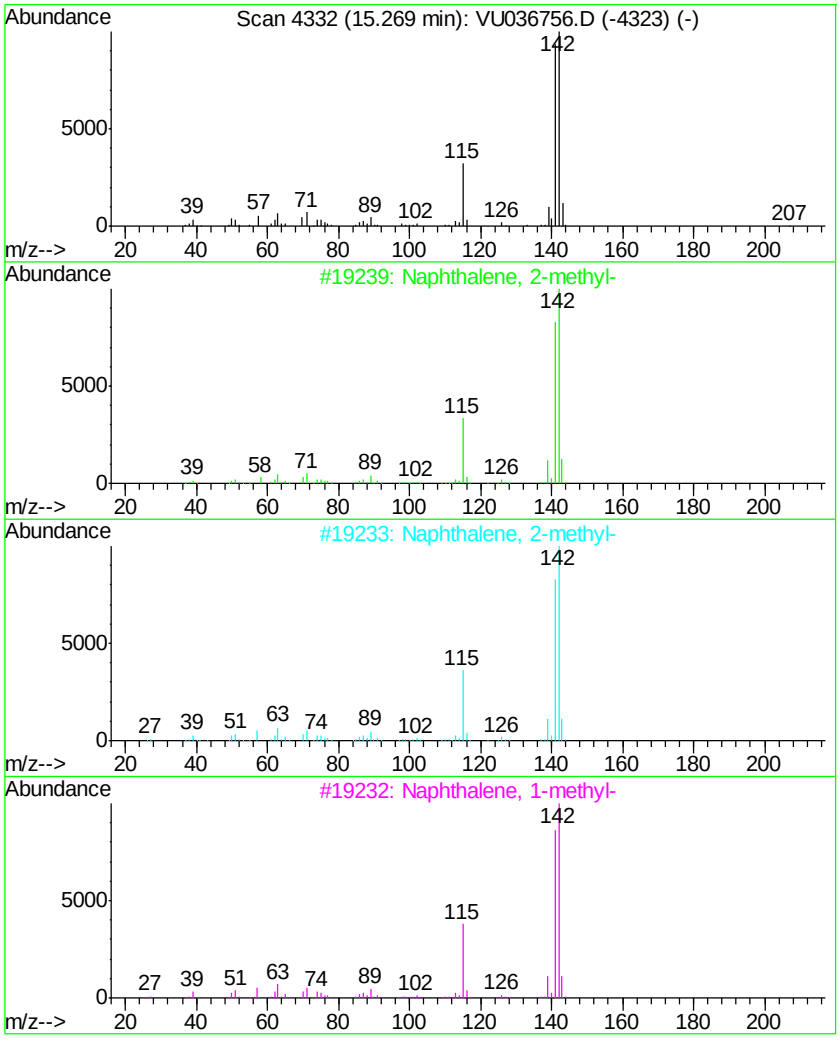

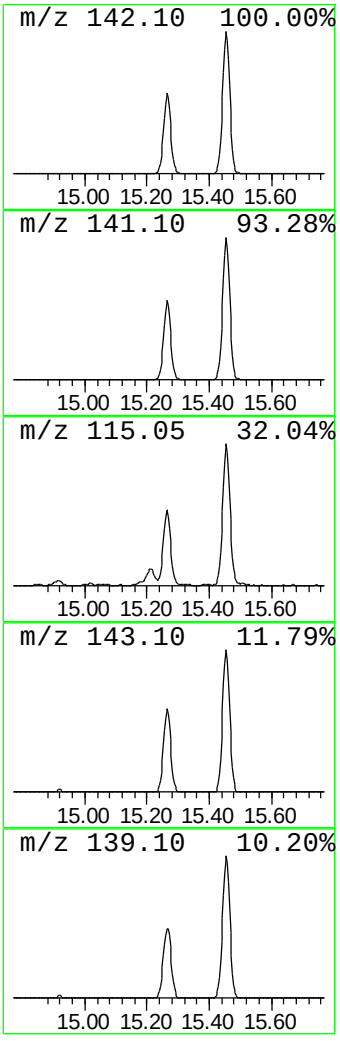

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Data File : VU036756.D
Acq On : 12 Feb 2020 17:37
Operator : JC/MD
Sample : L1487-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBCW0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0

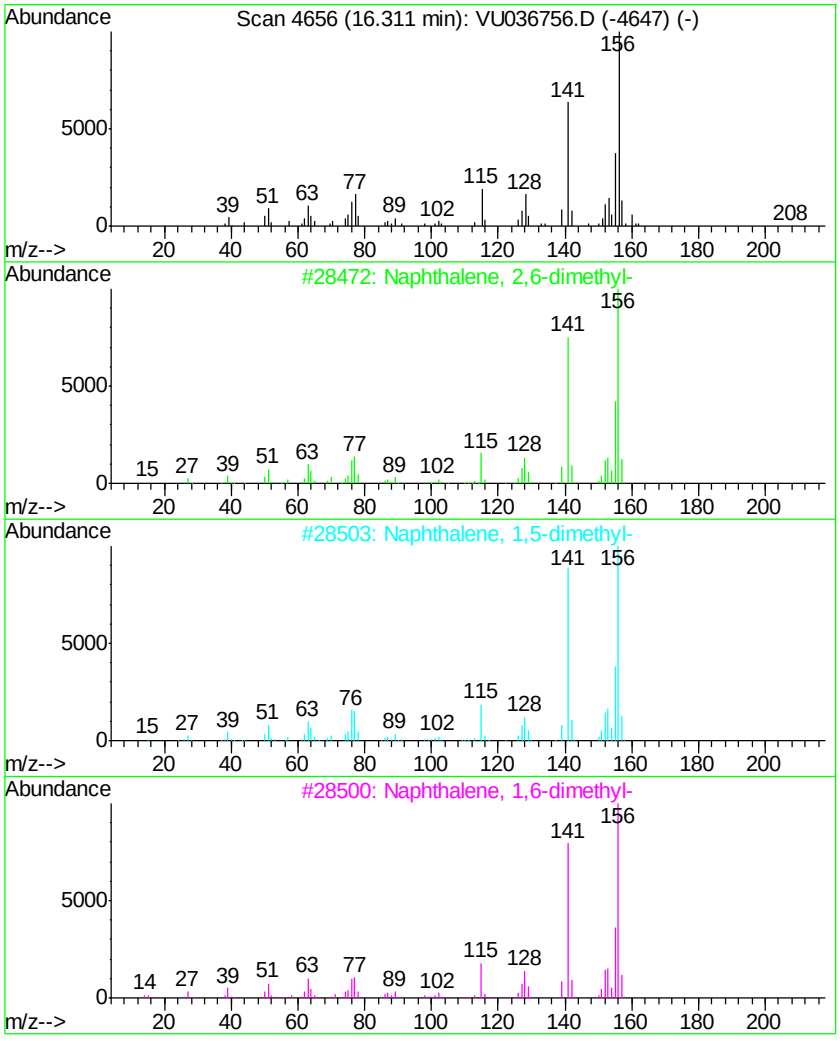
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

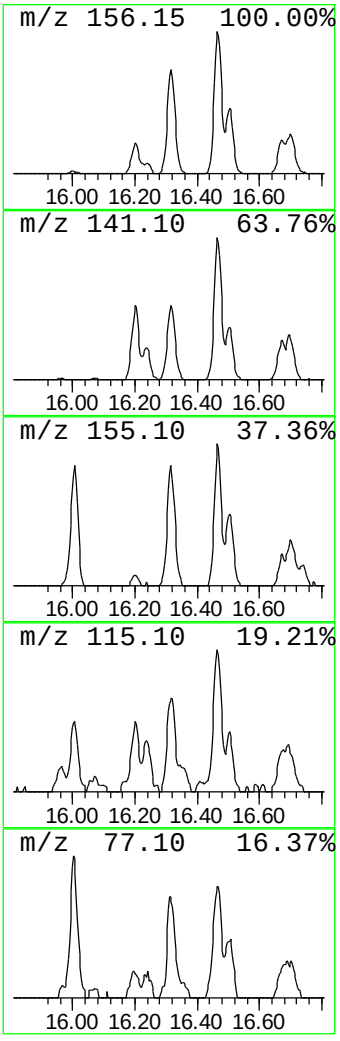
****

Peak Number 20 Naphthalene, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	1.11 ug/L	82626	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, 1,5-dimethyl-	156	C12H12	000571-61-9	98
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





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Data File : VU036756.D
Acq On : 12 Feb 2020 17:37
Operator : JC/MD
Sample : L1487-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBCW0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0

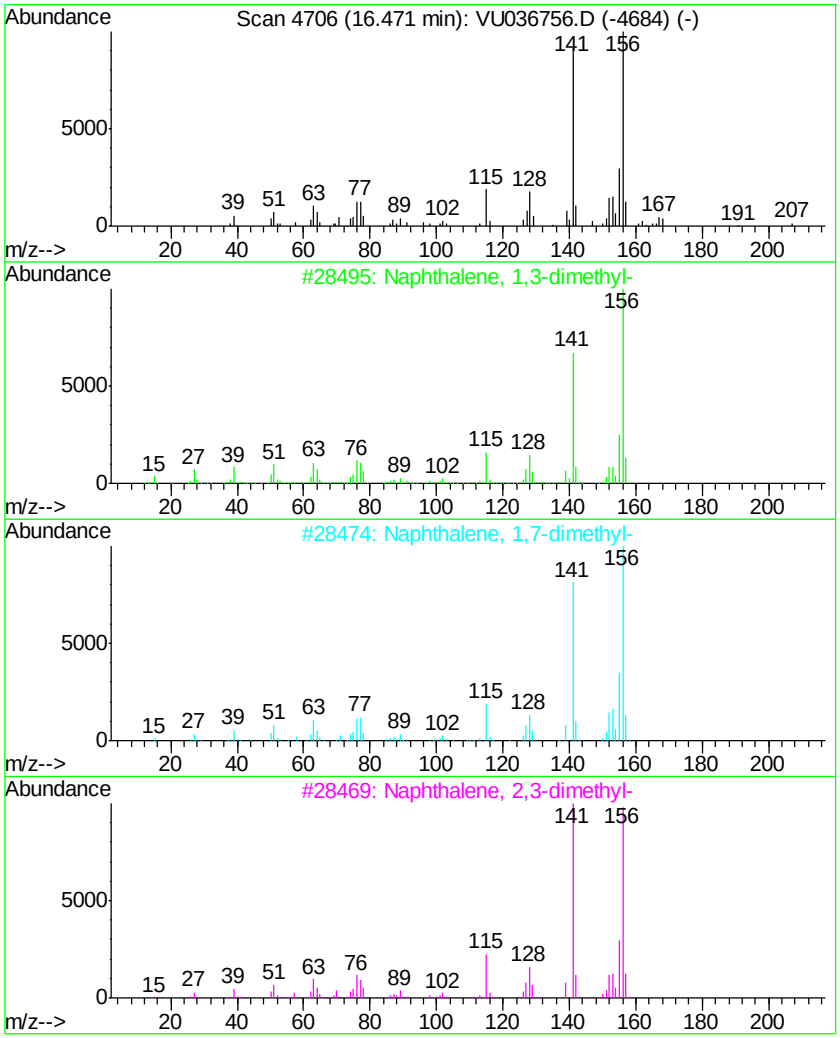
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

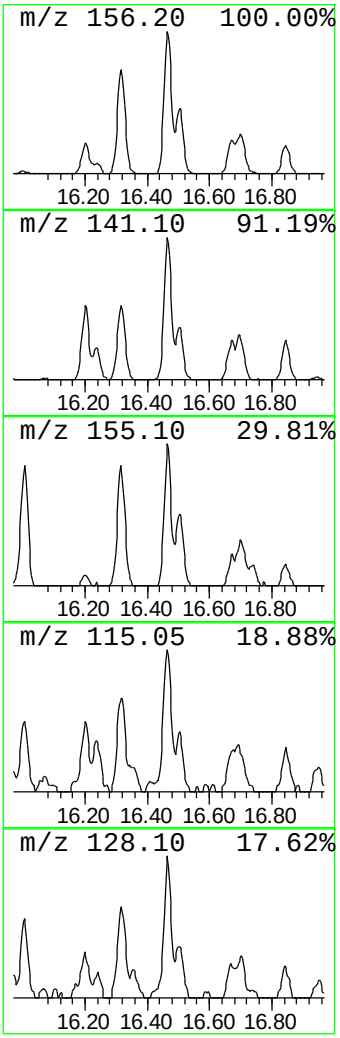
****

Peak Number 21 Naphthalene, 1,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	1.89 ug/L	140701	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	97





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Data File : VU036756.D
Acq On : 12 Feb 2020 17:37
Operator : JC/MD
Sample : L1487-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBCW0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0

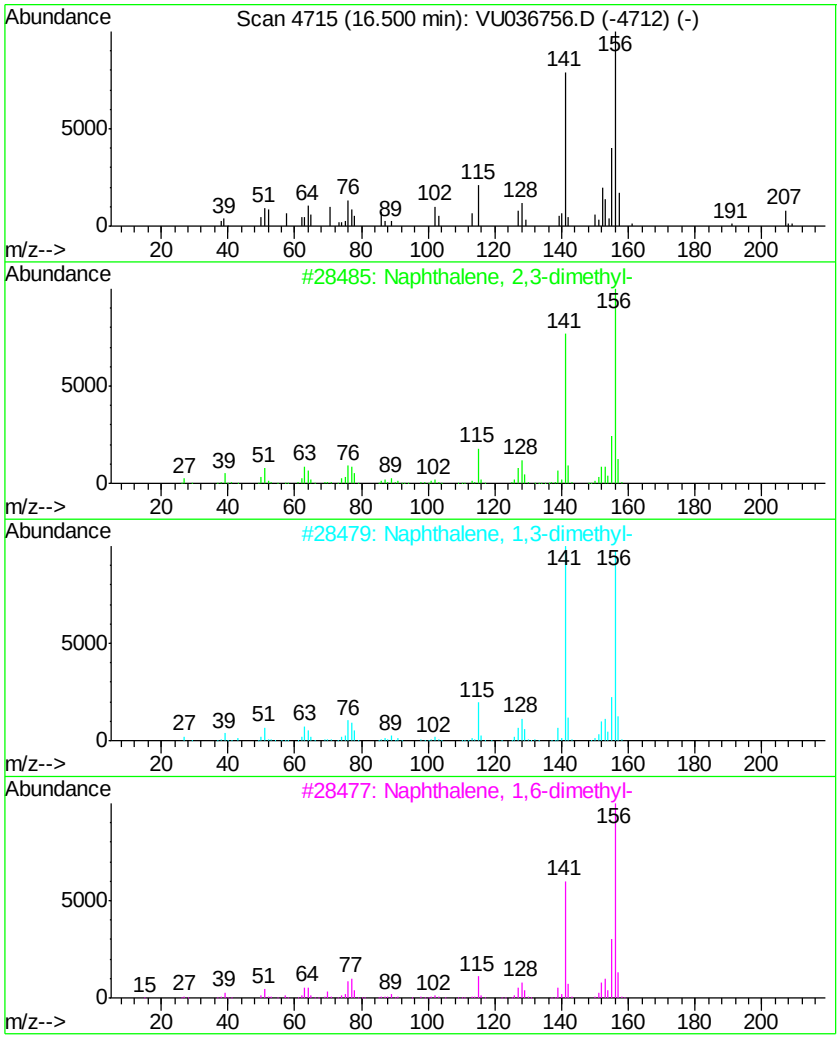
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

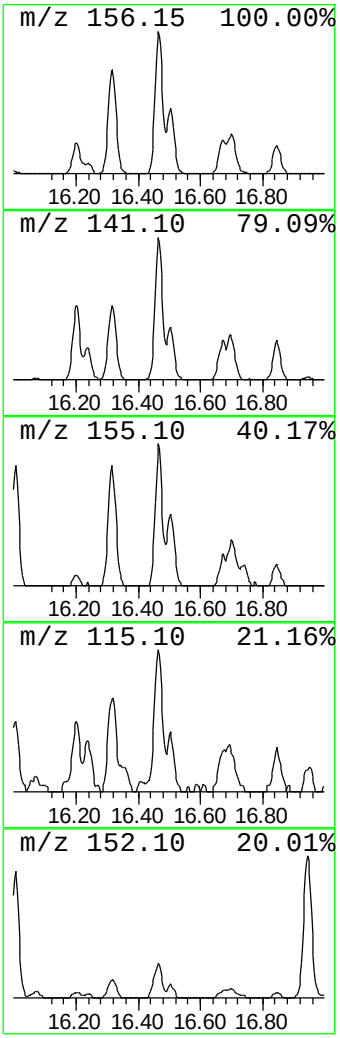
****

Peak Number 22 Naphthalene, 2,3-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	0.57 ug/L	42232	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	91
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	90
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	90
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	90
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	90





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Data File : VU036756.D
Acq On : 12 Feb 2020 17:37
Operator : JC/MD
Sample : L1487-11
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBCW0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0

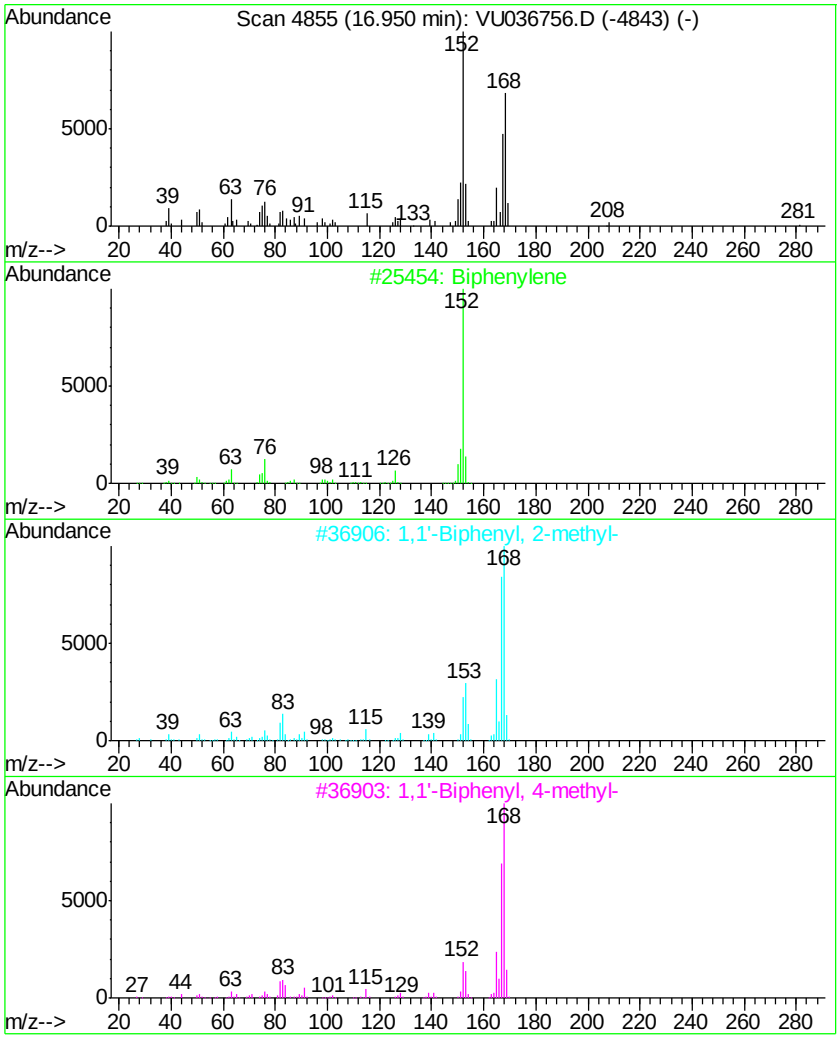
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

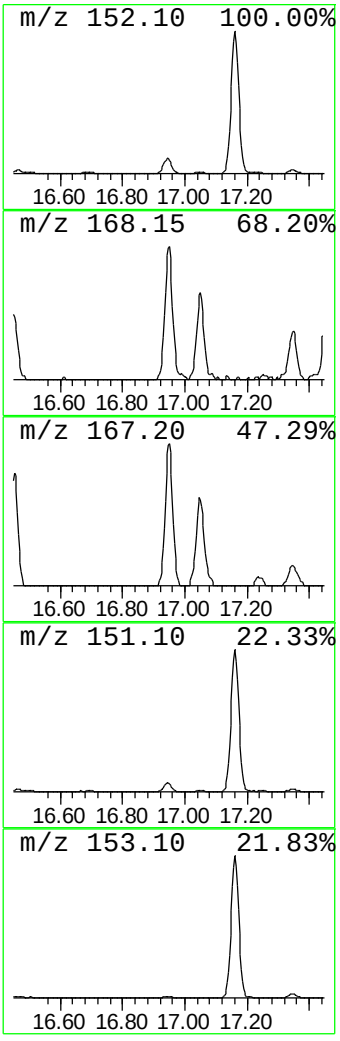
****

Peak Number 23 Biphenylene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	0.98 ug/L	72614	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	50
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	50
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	46
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	46
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	46





Tentatively Identified Compound (LSC) summary

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Data File : VU036756.D
Acq On : 12 Feb 2020 17:37
Operator : JC/MD
Sample : L1487-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBCW0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Isopropyl Alcohol	2.79	0.7	ug/L	46086	1	6.29	311334	5.0
Benzene, 1-ethyl-...	11.31	0.5	ug/L	38615	3	11.83	372047	5.0
Indane	12.11	5.8	ug/L	431614	3	11.83	372047	5.0
Indene	12.33	0.6	ug/L	46051	3	11.83	372047	5.0
Benzene, 1-etheny...	12.70	3.0	ug/L	222084	3	11.83	372047	5.0
Benzofuran, 7-met...	12.95	7.6	ug/L	562893	3	11.83	372047	5.0
Benzofuran, 2-met...	13.13	1.4	ug/L	106974	3	11.83	372047	5.0
1H-Indene, 2,3-di...	13.32	1.3	ug/L	94476	3	11.83	372047	5.0
1H-Indene, 2,3-di...	13.48	1.1	ug/L	79870	3	11.83	372047	5.0
Naphthalene, 1,2,...	13.65	0.8	ug/L	58010	3	11.83	372047	5.0
Benzo[b]thiophene	14.24	2.4	ug/L	179082	3	11.83	372047	5.0
Benzo[b]thiophene...	14.92	2.0	ug/L	150415	3	11.83	372047	5.0
3-Methylbenzothio...	15.21	4.4	ug/L	324211	3	11.83	372047	5.0
Naphthalene, 1-me...	15.27	2.9	ug/L	216436	3	11.83	372047	5.0
Naphthalene, 2,6-...	16.31	1.1	ug/L	82626	3	11.83	372047	5.0
Naphthalene, 1,3-...	16.47	1.9	ug/L	140701	3	11.83	372047	5.0
Naphthalene, 2,3-...	16.50	0.6	ug/L	42232	3	11.83	372047	5.0
Biphenylene	16.95	1.0	ug/L	72614	3	11.83	372047	5.0