LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA V\DATA\VV050718\
Data File : VV005830.D
Acq On : 07 May 2018 21:11
Operator : SY/MD
Sample : J2636-15
Misc : 25.0 mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F1C24

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 : W:\HPCHEM1\MSVOA_V\METHOD\SOMVTR050518WMA.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	1.032	28	44	64	rBV	730576	912288	21.76%	5.915%
2	1.321	126	134	152	rVB	147761	158193	3.77%	1.026%
3	1.588	209	217	229	rBV	125186	143043	3.41%	0.927%
4	2.135	377	387	399	rBV	265137	378815	9.03%	2.456%
5	3.971	938	958	991	rBV5	87466	345574	8.24%	2.241%
6	4.411	1077	1095	1120	rBV2	161151	431420	10.29%	2.797%
7	5.102	1292	1310	1340	rBV2	401560	988872	23.58%	6.411%
8	5.672	1470	1487	1508	rBV	300071	614637	14.66%	3.985%
9	6.128	1612	1629	1648	rBV	217942	453119	10.81%	2.938%
10	7.038	1899	1912	1931	rBV	101589	190594	4.55%	1.236%
11	7.366	1999	2014	2028	rBV	399743	730585	17.42%	4.737%
12	7.437	2029	2036	2049	rVB3	40072	80880	1.93%	0.524%
13	7.671	2098	2109	2119	rBV2	62215	106056	2.53%	0.688%
14	8.147	2243	2257	2300	rBV3	382428	999888	23.85%	6.483%
15	8.903	2479	2492	2524	rBV	453379	794007	18.94%	5.148%
16	9.064	2530	2542	2560	rVB	44697	78108	1.86%	0.506%
17	9.186	2567	2580	2600	rBV	55895	100557	2.40%	0.652%
18	9.594	2697	2707	2721	rBV3	33712	63647	1.52%	0.413%
19	10.269	2904	2917	2939	rBV	146572	234004	5.58%	1.517%
20	10.964	3122	3133	3145	rBV	36224	55860	1.33%	0.362%
21	11.302	3226	3238	3257	rVV	444296	737234	17.58%	4.780%
22	11.581	3311	3325	3344	rBV	684604	1074607	25.63%	6.967%
23	11.678	3344	3355	3381	rVB	486994	797195	19.01%	5.169%
24	11.800	3381	3393	3411	rBV	185749	292194	6.97%	1.894%
25	12.520	3607	3617	3628	rBV2	53462	99373	2.37%	0.644%
26	12.938	3738	3747	3759	rVB3	28036	43203	1.03%	0.280%
27	13.559	3927	3940	3963	rBV	2823010	4193215	100.00%	27.187%
28	13.678	3963	3977	3988	rBV	106475	171719	4.10%	1.113%
29	14.694	4281	4293	4307	rVB2	44580	73248	1.75%	0.475%
30	14.877	4338	4350	4363	rBV	50041	81512	1.94%	0.528%

Sum of corrected areas: 15423647

LSC Report - Integrated Chromatogram

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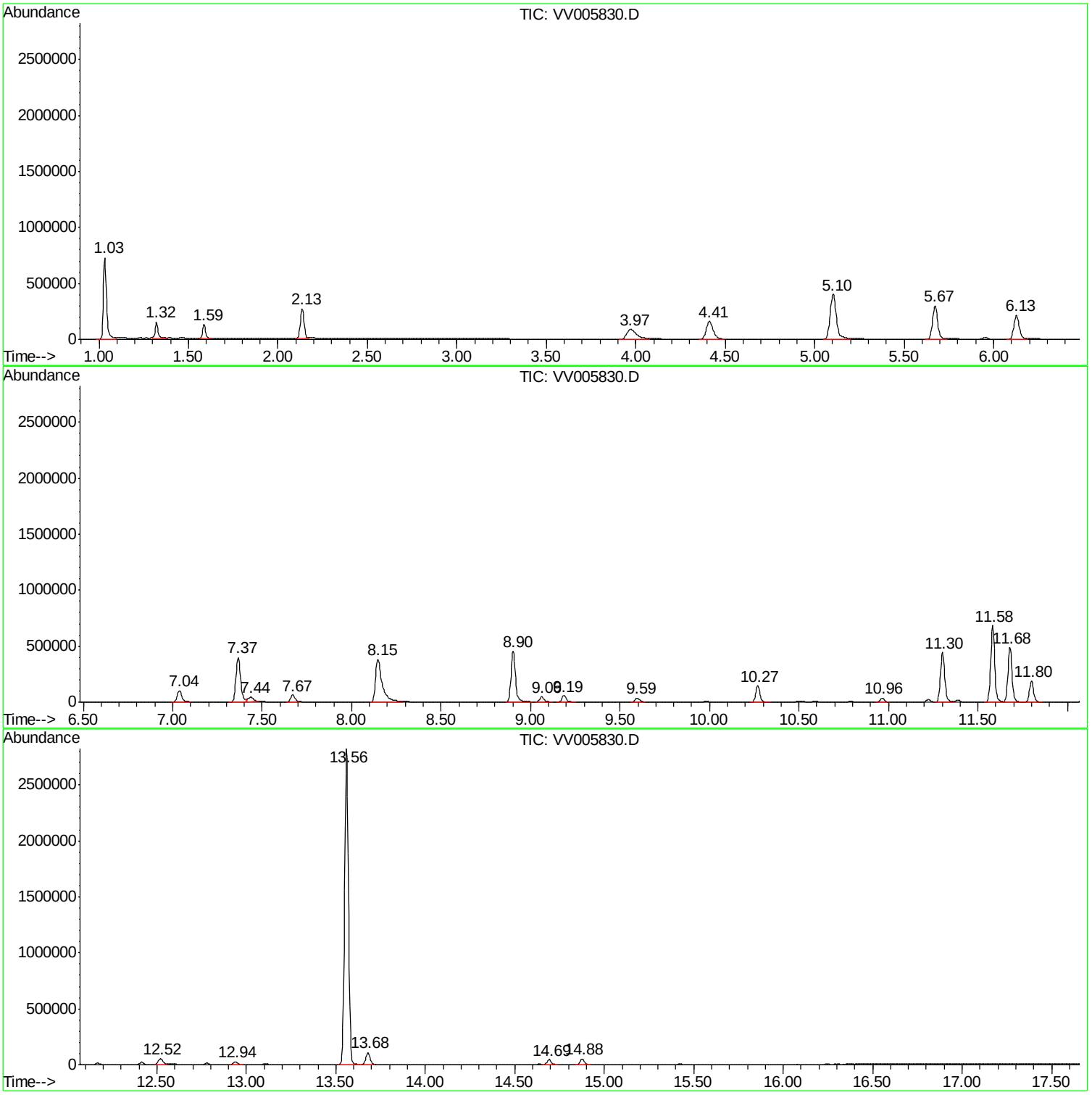
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F1C24

Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVTR050518WMA.M
Quant Title : TRACE VOA SOM01.0

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



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Quant Title : TRACE VOA SOM01.0

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

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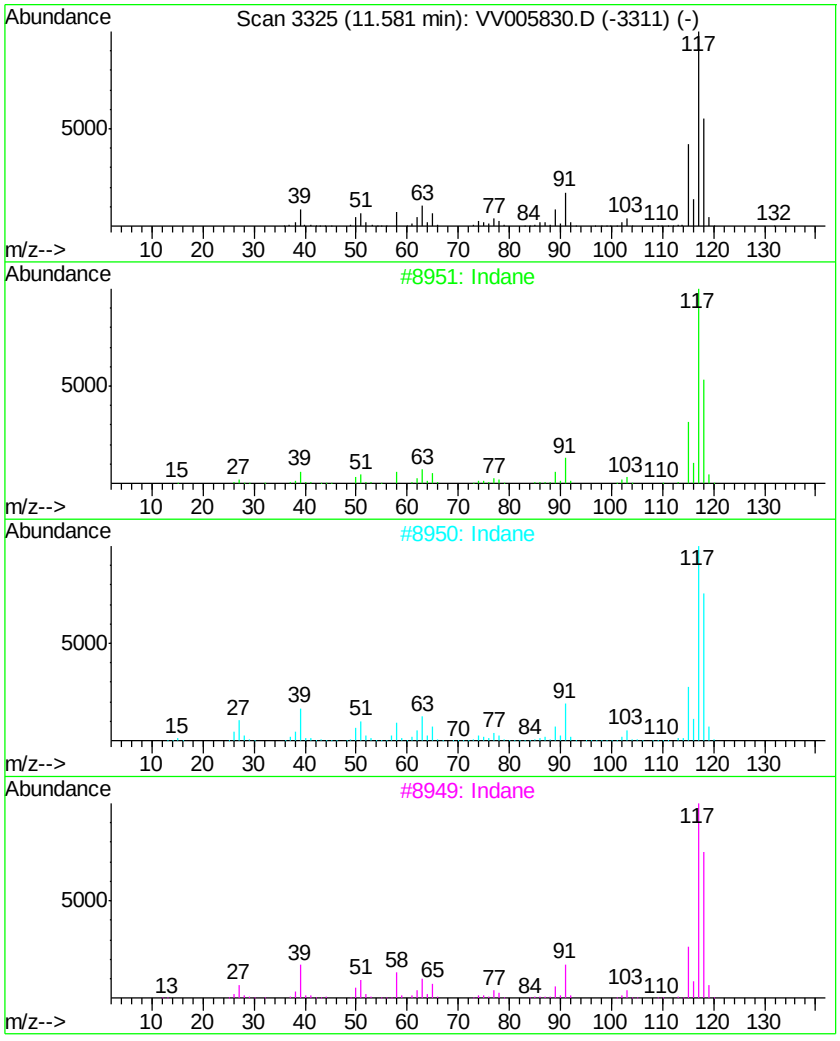
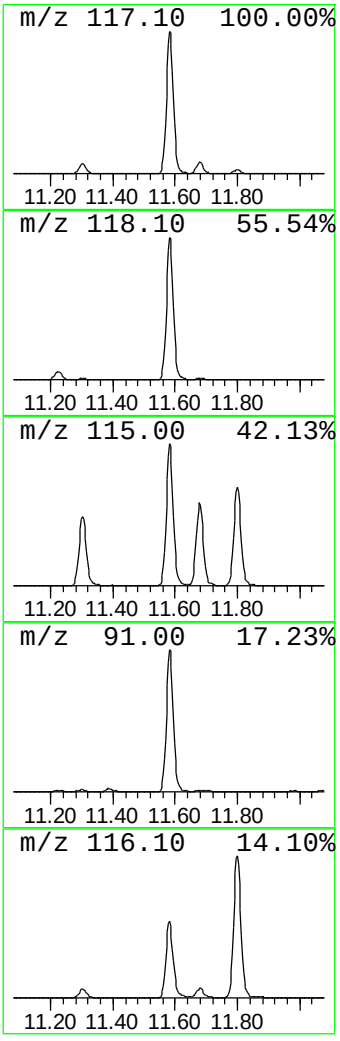
Peak Number 3 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	7.29 ug/L	1074610	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Indane	118	C9H10	000496-11-7	87
3	Indane	118	C9H10	000496-11-7	76
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	68
5	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	64





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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F1C24

Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVTR050518WMA.M
Quant Title : TRACE VOA SOM01.0

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

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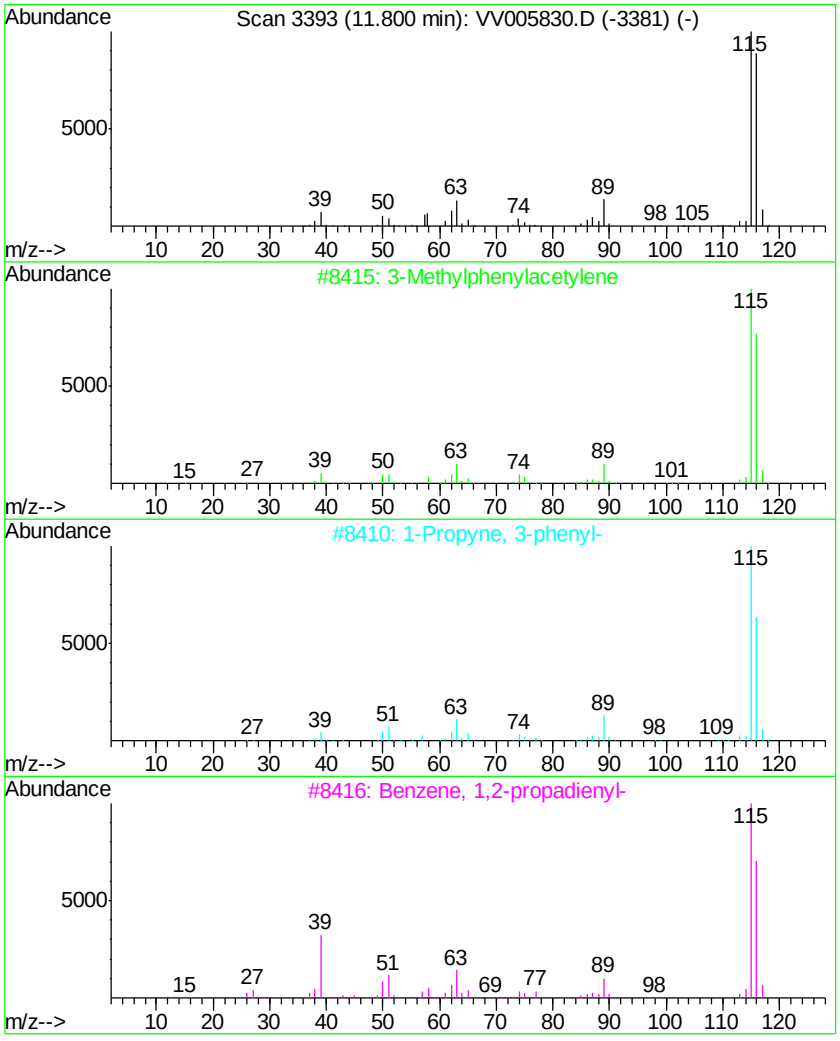
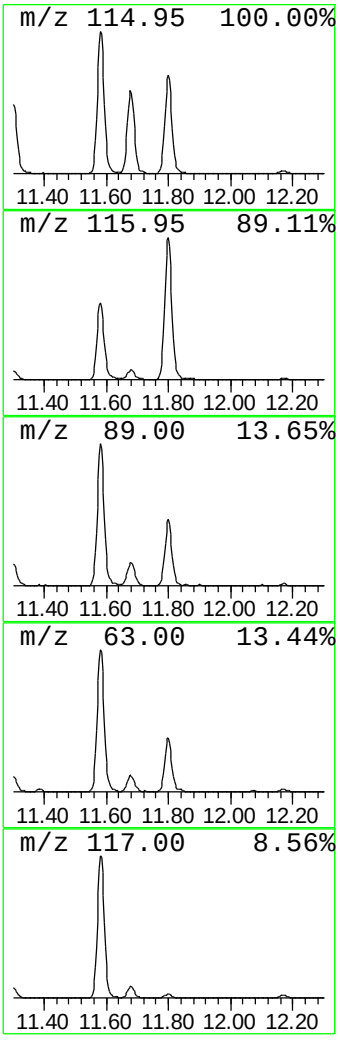
Peak Number 4 3-Methylphenylacetylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	1.98 ug/L	292194	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylphenylacetylene	116	C9H8	000766-82-5	94
2	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
3	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
4	Indene	116	C9H8	000095-13-6	91
5	Indene	116	C9H8	000095-13-6	91





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Instrument : MSVOA_V
ClientSampleId : F1C24

Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVTR050518WMA.M
Quant Title : TRACE VOA SOM01.0

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

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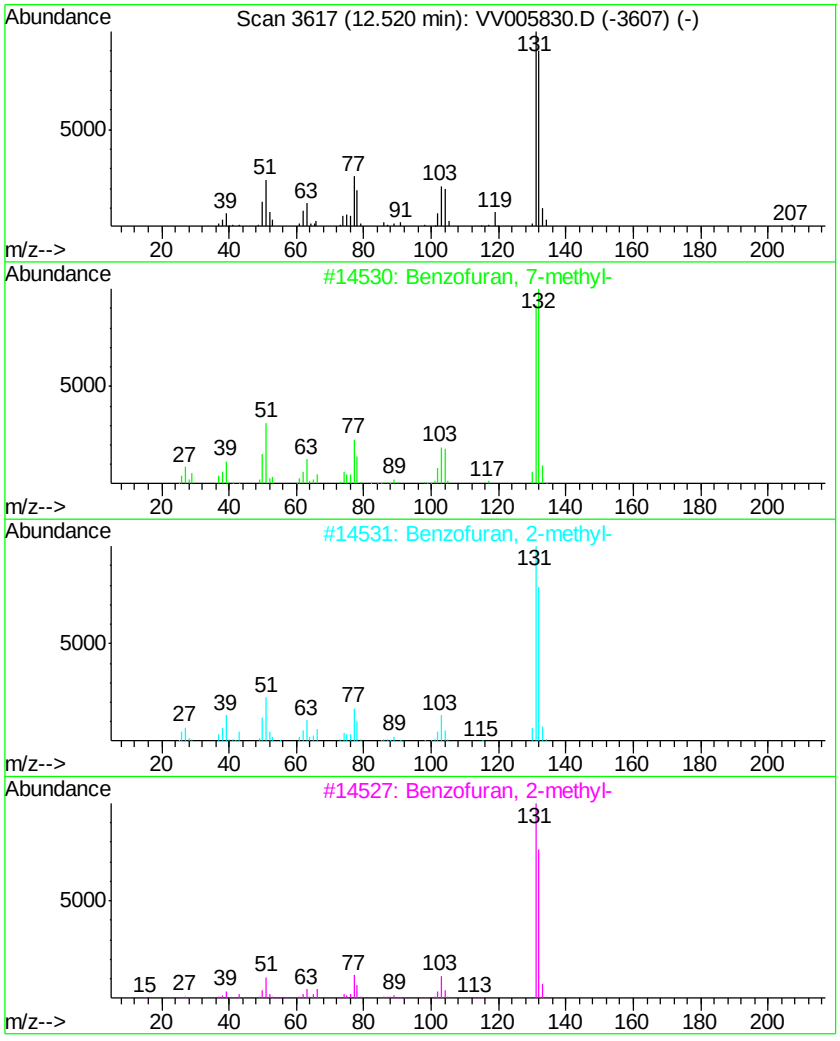
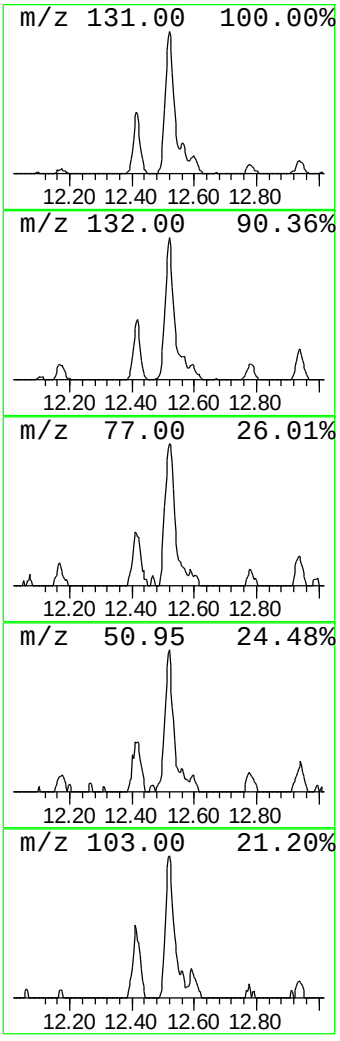
Peak Number 5 Benzofuran, 7-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	0.67 ug/L	99373	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90





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Instrument : MSVOA_V
ClientSampleId : F1C24

Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVTR050518WMA.M
Quant Title : TRACE VOA SOM01.0

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

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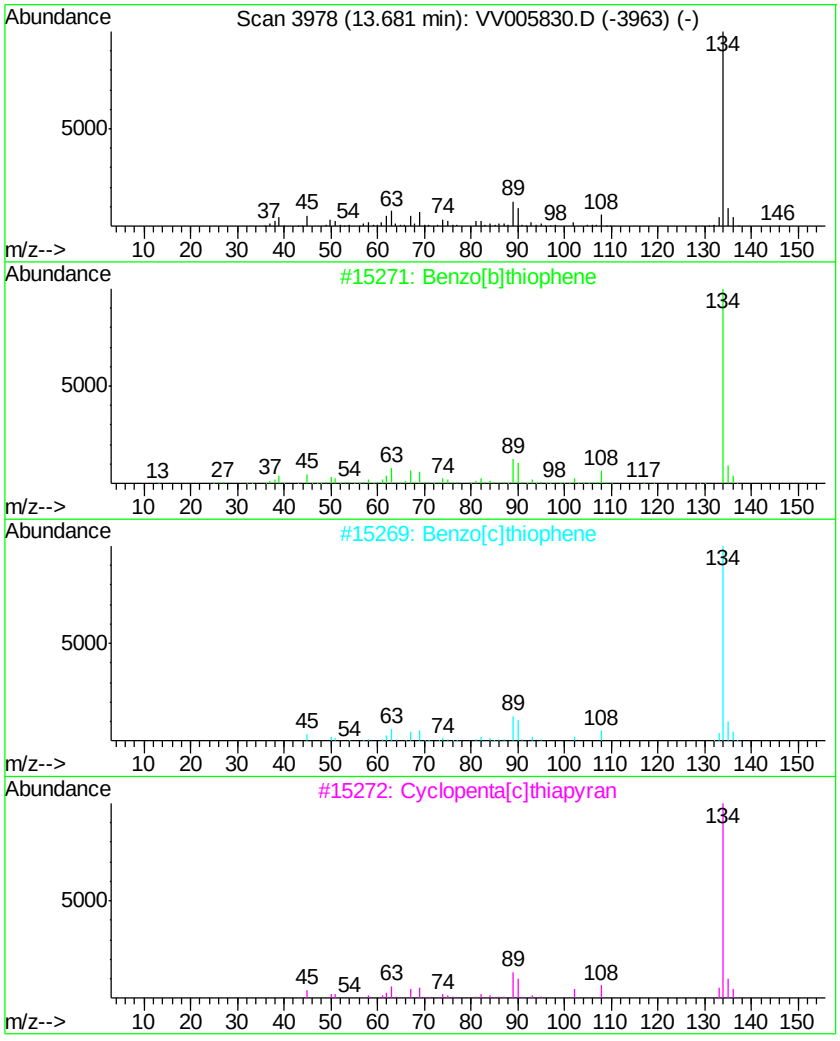
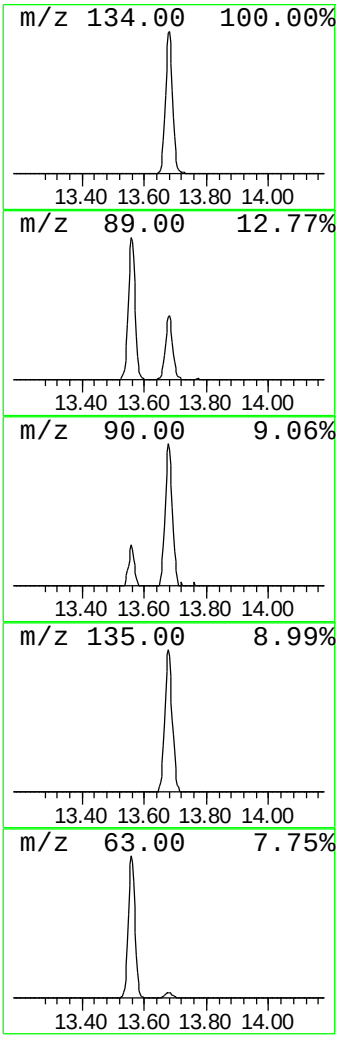
Peak Number 7 Benzo[b]thiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	1.16 ug/L	171719	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	97
2	Benzo[c]thiophene	134	C8H6S	000270-82-6	97
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	91





Library Search Compound Report

Data Path : W:\HPCHEM1\MSVOA_V\DATA\VV050718\
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ClientSampleId : F1C24

Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVTR050518WMA.M
Quant Title : TRACE VOA SOM01.0

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

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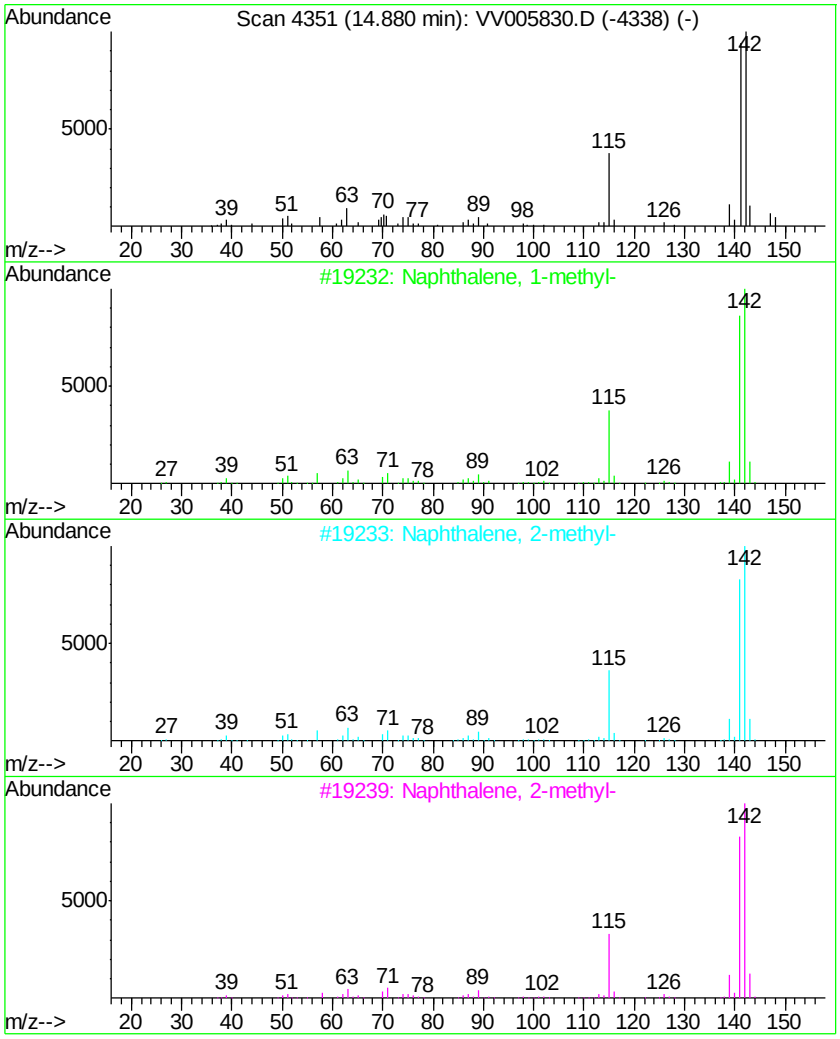
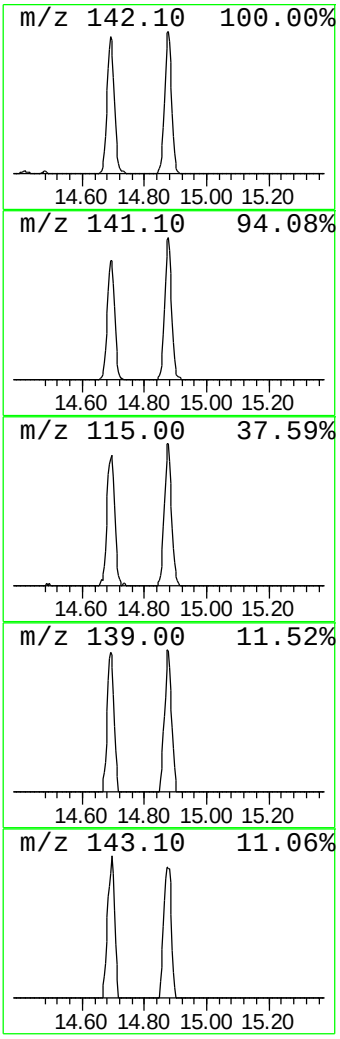
Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	0.55 ug/L	81512	1,4-Dichlorobenzene-d4	11.30

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	95
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





Tentatively Identified Compound (LSC) summary

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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
Indane	11.58	7.3	ug/L	1074610	3	11.30	737234	5.0
3-Methylphenylace...	11.80	2.0	ug/L	292194	3	11.30	737234	5.0
Benzofuran, 7-met...	12.52	0.7	ug/L	99373	3	11.30	737234	5.0
Benzo[b]thiophene	13.68	1.2	ug/L	171719	3	11.30	737234	5.0
Naphthalene, 1-me...	14.88	0.6	ug/L	81512	3	11.30	737234	5.0