LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080418\
Data File : VN050366.D
Acq On : 4 Aug 2018 14:57
Operator : MD\SY
Sample : J4328-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-03

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_N\METHODS\82N072418W.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.654	3	20	48	rBV	7501460	10939230	100.00%	34.037%
2	7.593	1847	1867	1878	rBV2	507464	1256751	11.49%	3.910%
3	7.667	1878	1890	1914	rVB	729775	1746576	15.97%	5.434%
4	8.030	1984	2003	2031	rBV	518589	1209248	11.05%	3.763%
5	8.587	2159	2176	2212	rBV	1088173	2263832	20.69%	7.044%
6	10.091	2627	2644	2659	rBV	1939743	3588062	32.80%	11.164%
7	11.410	3039	3054	3076	rBV	1465254	2802531	25.62%	8.720%
8	12.403	3350	3363	3378	rBV	1294626	2158351	19.73%	6.716%
9	13.345	3643	3656	3673	rBV	1405044	2327148	21.27%	7.241%
10	13.673	3747	3758	3768	rVB4	98463	180368	1.65%	0.561%
11	13.889	3815	3825	3835	rVB	180580	278447	2.55%	0.866%
12	13.995	3849	3858	3869	rVB4	124383	224810	2.06%	0.699%
13	14.210	3919	3925	3942	rVB2	121514	210805	1.93%	0.656%
14	14.419	3981	3990	4002	rVB3	79053	157403	1.44%	0.490%
15	14.586	4031	4042	4055	rBV4	269840	512748	4.69%	1.595%
16	14.853	4117	4125	4131	rBV3	79405	122016	1.12%	0.380%
17	14.959	4149	4158	4176	rVB4	170311	361834	3.31%	1.126%
18	15.194	4220	4231	4239	rBV	156683	281975	2.58%	0.877%
19	15.265	4241	4253	4288	rVB5	163192	534168	4.88%	1.662%
20	15.615	4356	4362	4379	rVB2	119708	216162	1.98%	0.673%
21	15.918	4442	4456	4469	rBV2	232232	474099	4.33%	1.475%
22	16.104	4504	4514	4525	rBV4	84614	163213	1.49%	0.508%
23	16.361	4582	4594	4603	rBV6	51864	129516	1.18%	0.403%

Sum of corrected areas: 32139293

LSC Report - Integrated Chromatogram

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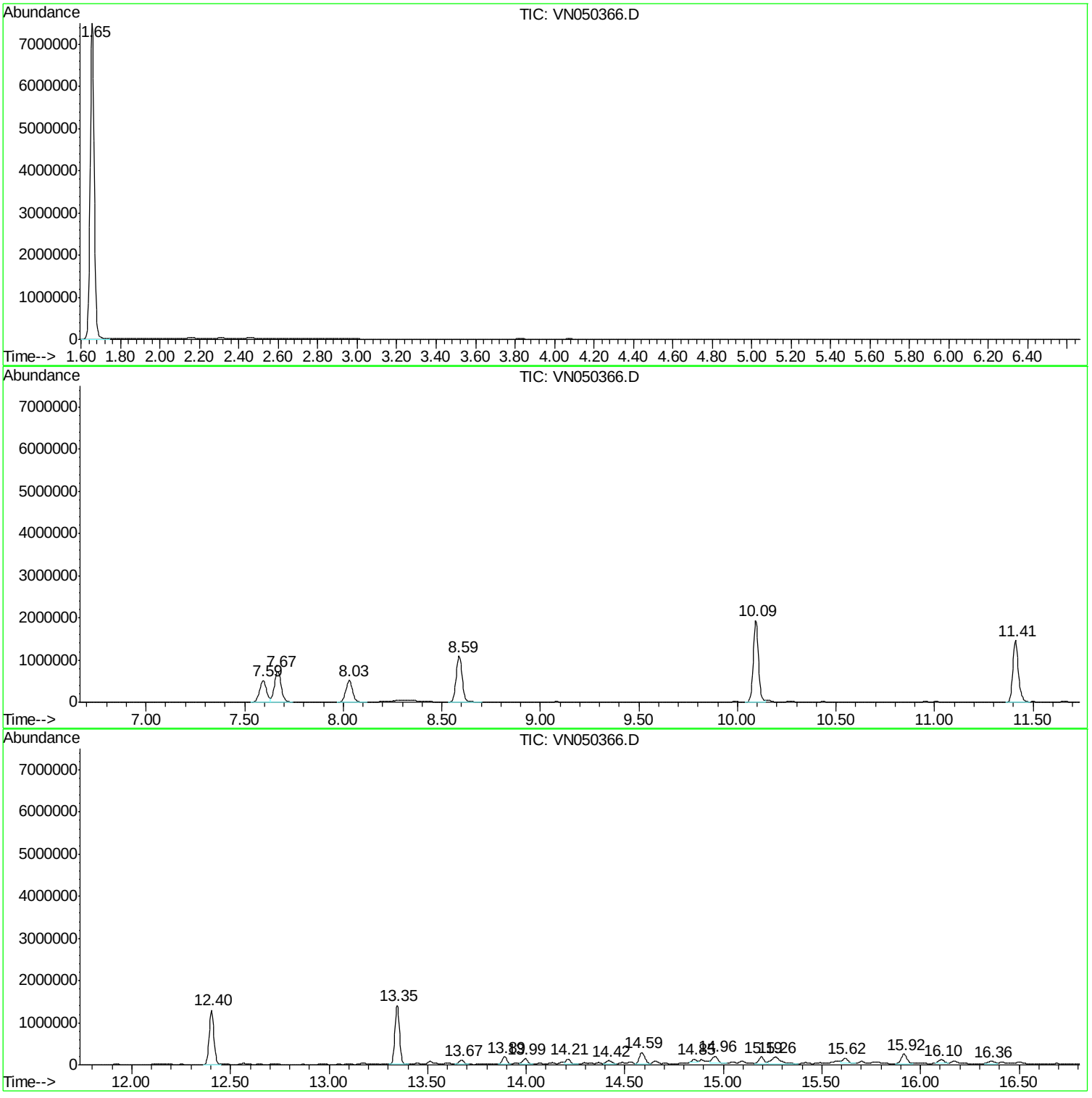
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-03

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

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



Library Search Compound Report

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Data File : VN050366.D
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Operator : MD\SY
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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-03

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

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

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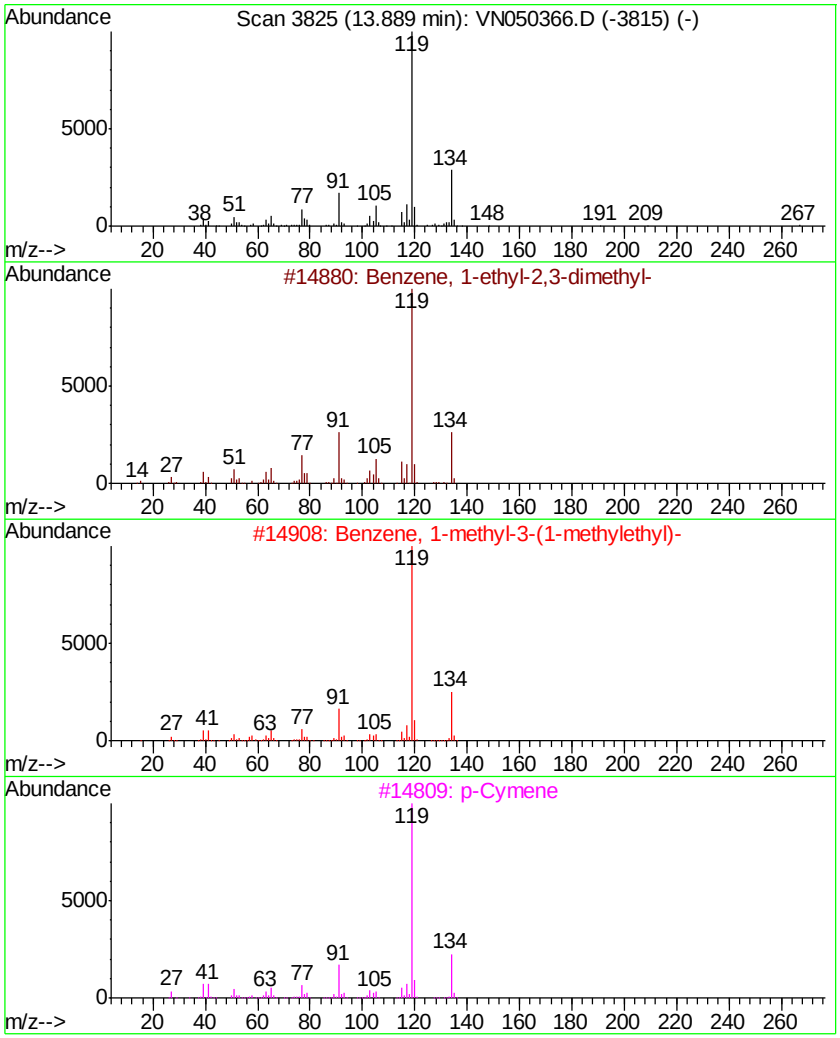
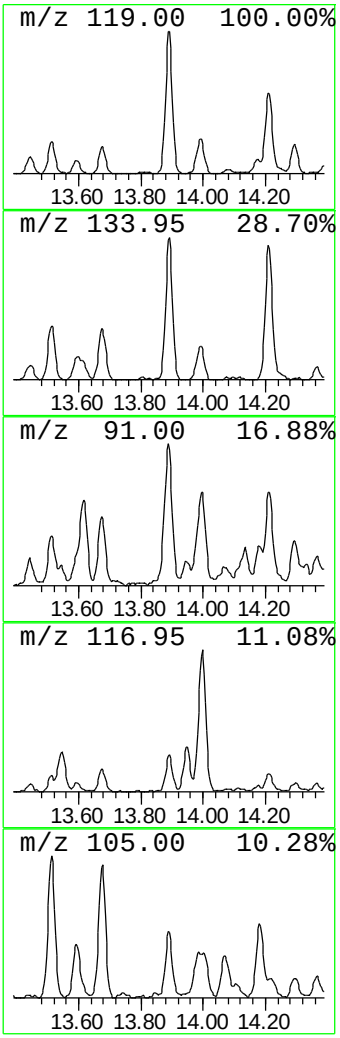
Peak Number 2 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	5.98 ug/l	278447	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





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Data File : VN050366.D
Acq On : 4 Aug 2018 14:57
Operator : MD\SY
Sample : J4328-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-03

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

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

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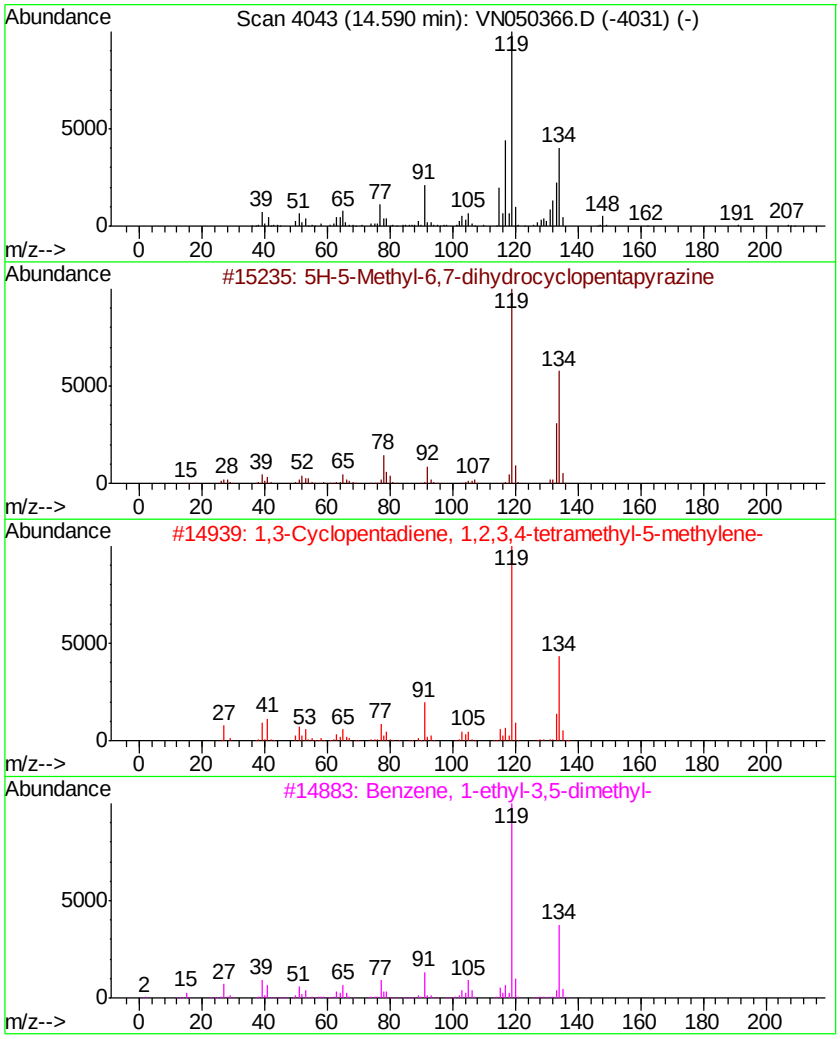
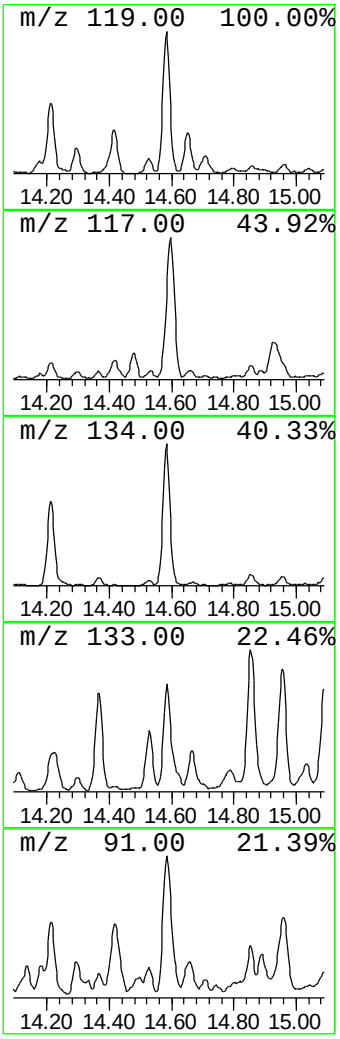
Peak Number 3 5H-5-Methyl-6,7-dihydrocycl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	11.02 ug/l	512748	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-5-Methyl-6,7-dihydrocyclopent...	134	C8H10N2	023747-48-0	83
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	81
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76





Library Search Compound Report

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Data File : VN050366.D
Acq On : 4 Aug 2018 14:57
Operator : MD\SY
Sample : J4328-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-03

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
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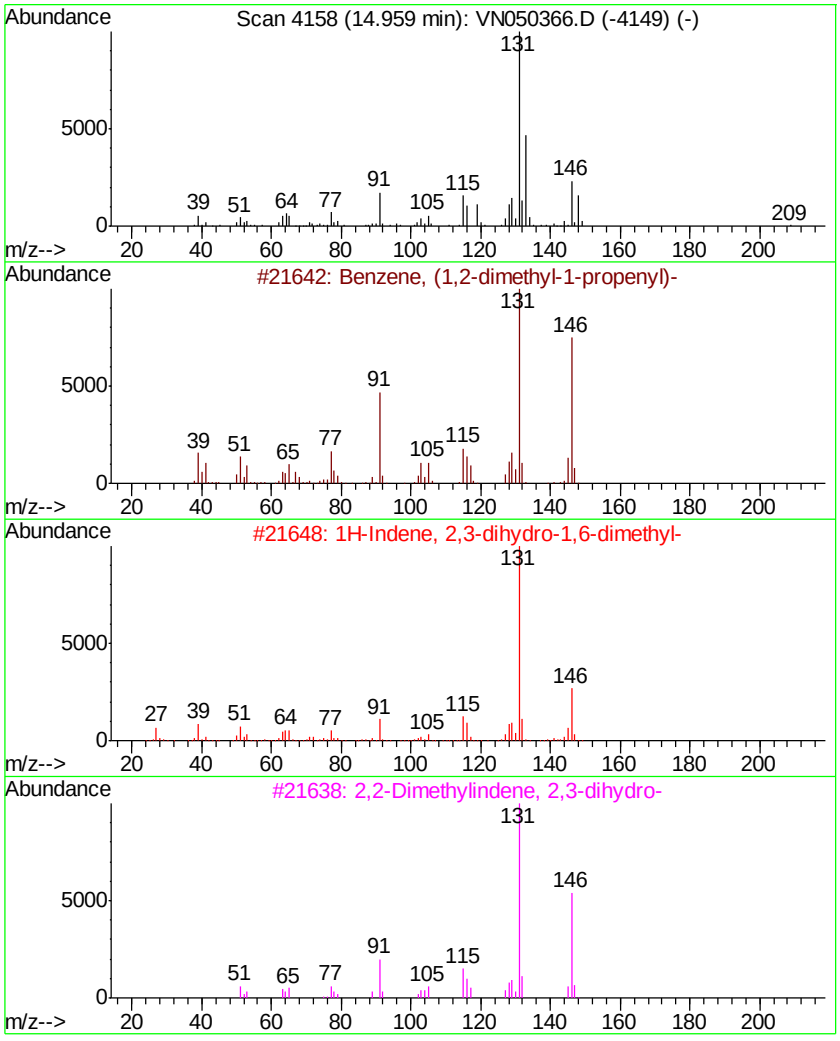
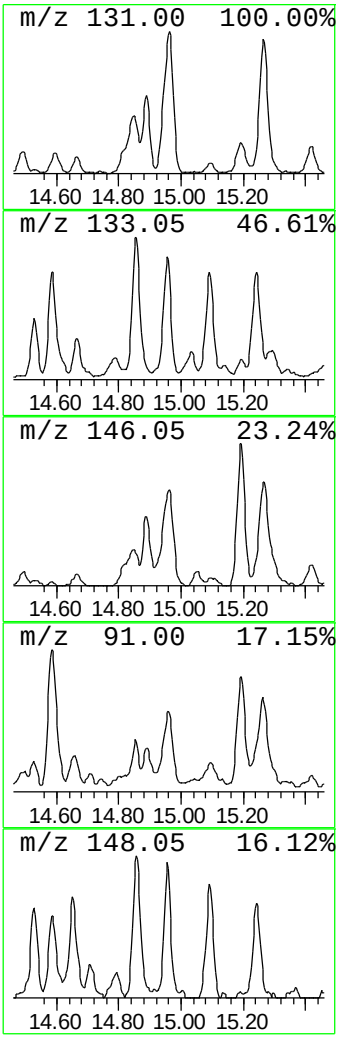
Peak Number 4 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	7.77 ug/l	361834	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	83
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	83
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	64
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64





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Operator : MD\SY
Sample : J4328-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-03

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
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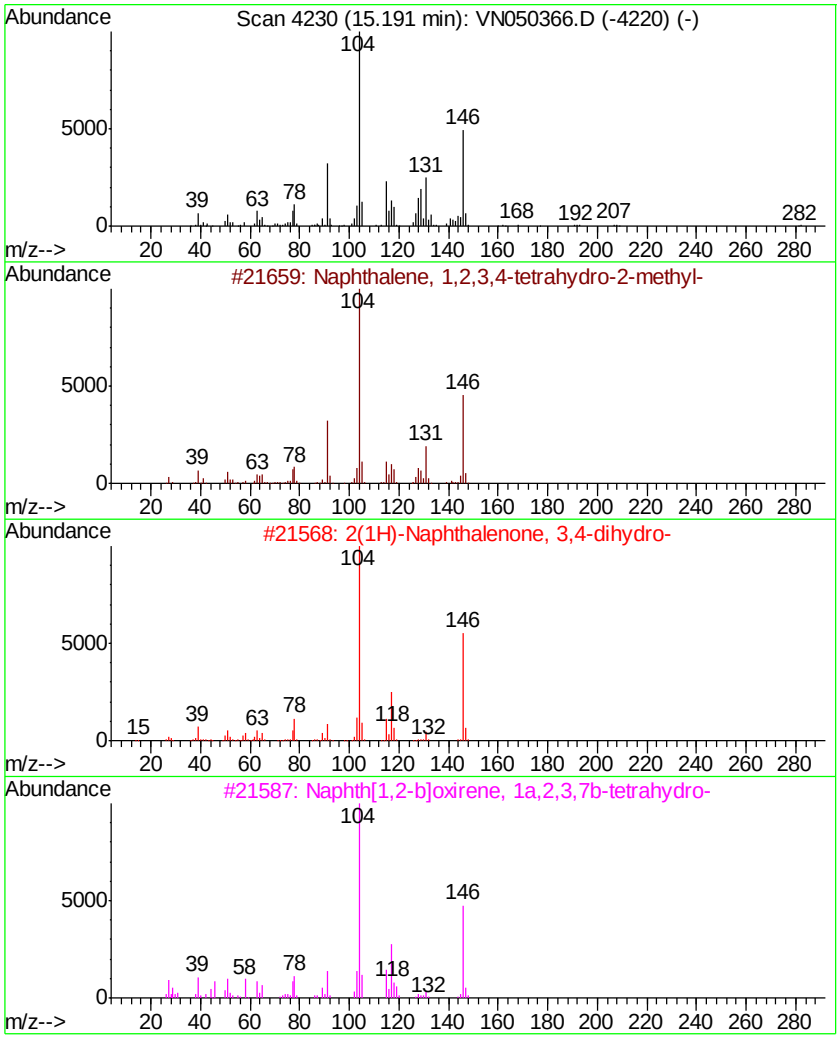
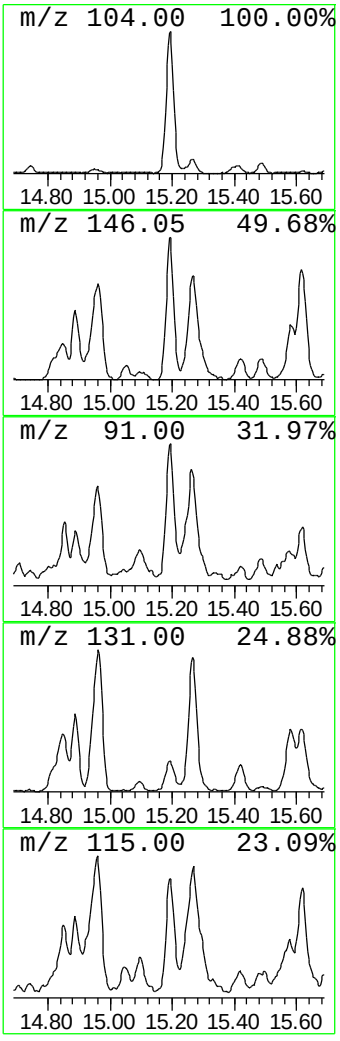
Peak Number 5 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	6.06 ug/l	281975	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	94
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	68
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	58
4	2,6-Piperidinedione, 3-phenyl-	189	C11H11NO2	014149-34-9	50
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	43





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Instrument : MSVOA_N
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

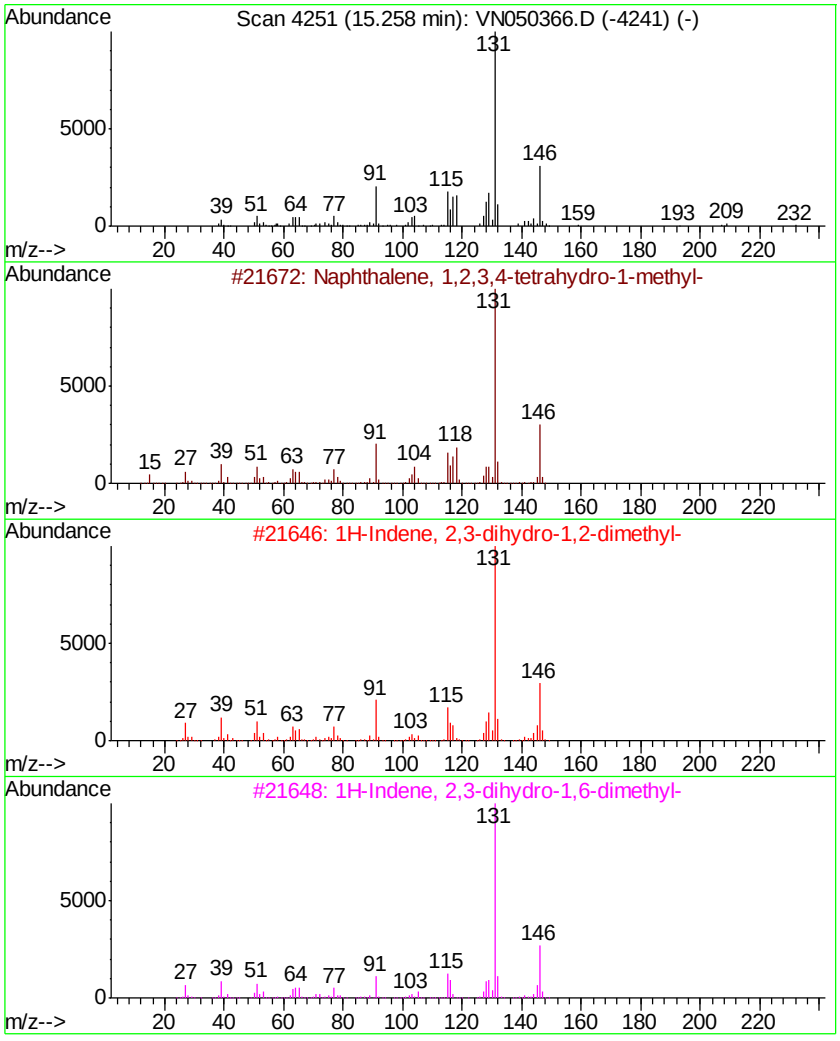
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

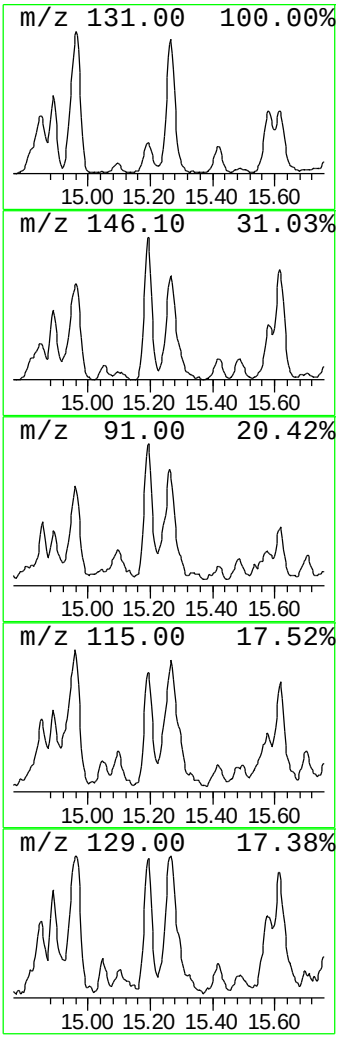
****

Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	11.48 ug/l	534168	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	93
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	93
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87





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Quant Title : SW846 8260

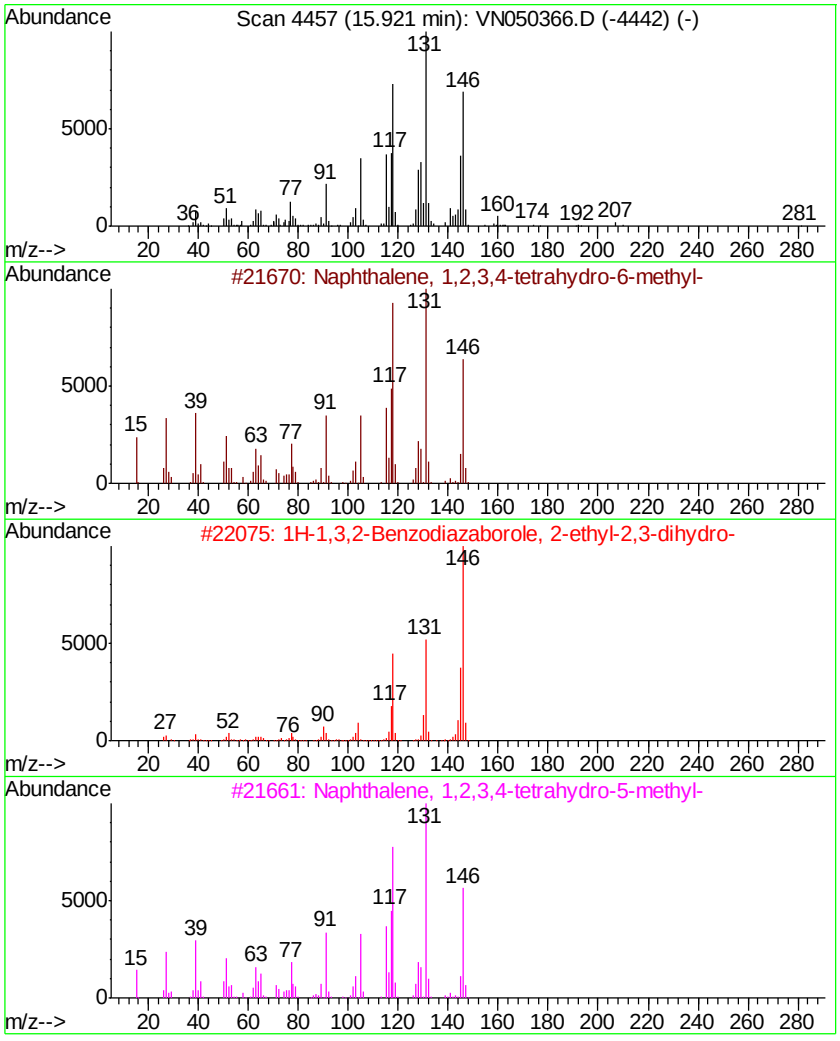
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

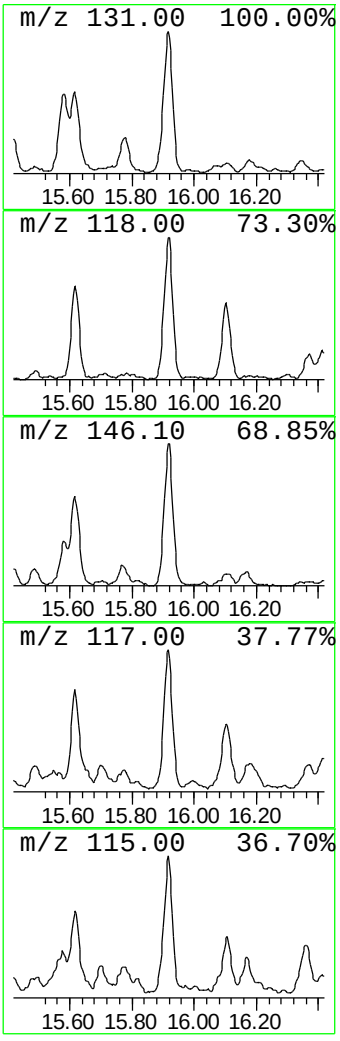
****

Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	10.19 ug/l	474099	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
2	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	90
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	89
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	60
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	49





Tentatively Identified Compound (LSC) summary

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Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-ethyl-...	13.89	6.0	ug/l	278447	4	13.35	2327150	50.0
5H-5-Methyl-6,7-d...	14.59	11.0	ug/l	512748	4	13.35	2327150	50.0
Benzene, (1,2-dim...	14.96	7.8	ug/l	361834	4	13.35	2327150	50.0
Naphthalene, 1,2,...	15.19	6.1	ug/l	281975	4	13.35	2327150	50.0
Naphthalene, 1,2,...	15.26	11.5	ug/l	534168	4	13.35	2327150	50.0
Naphthalene, 1,2,...	15.92	10.2	ug/l	474099	4	13.35	2327150	50.0