LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072618\
Data File : VN050113.D
Acq On : 27 Jul 2018 4:54
Operator : MD\SY
Sample : J4184-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-6B

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	1.664	3	23	54	rBV	3939940	6277672	5.37%	1.413%
2	7.593	1848	1867	1878	rBV	540736	1357309	1.16%	0.305%
3	7.670	1879	1891	1912	rVB	857845	2045192	1.75%	0.460%
4	8.037	1985	2005	2029	rBV3	841774	2183243	1.87%	0.491%
5	8.590	2161	2177	2196	rBV	1212932	2536598	2.17%	0.571%
6	10.095	2629	2645	2654	rBV	2212888	4108238	3.51%	0.925%
7	10.159	2654	2665	2688	rVB	5364768	9821689	8.39%	2.210%
8	11.410	3040	3054	3067	rBV	1667025	2951873	2.52%	0.664%
9	11.512	3073	3086	3103	rVV	7872089	12843537	10.98%	2.890%
10	11.619	3103	3119	3139	rVB	16541595	30331427	25.92%	6.826%
11	11.953	3203	3223	3249	rBV4	10033557	20155252	17.23%	4.536%
12	12.252	3305	3316	3327	rBV	852943	1390708	1.19%	0.313%
13	12.403	3351	3363	3374	rBV	1565871	2607367	2.23%	0.587%
14	12.657	3430	3442	3449	rBV	7606849	12300070	10.51%	2.768%
15	12.734	3458	3466	3480	rVB	4567351	7085445	6.06%	1.595%
16	12.895	3502	3516	3533	rBV4	2134228	4507096	3.85%	1.014%
17	13.043	3544	3562	3569	rBV	8324440	13563862	11.59%	3.053%
18	13.091	3569	3577	3586	rVV	8253276	13409321	11.46%	3.018%
19	13.143	3586	3593	3610	rVB	3201189	5171875	4.42%	1.164%
20	13.236	3610	3622	3632	rBV	5083568	8541307	7.30%	1.922%
21	13.291	3632	3639	3648	rVV	2929437	4496916	3.84%	1.012%
22	13.345	3648	3656	3659	rVV	1937537	2777209	2.37%	0.625%
23	13.377	3659	3666	3674	rVV	4752149	7860157	6.72%	1.769%
24	13.419	3674	3679	3696	rVB	1043339	1635021	1.40%	0.368%
25	13.516	3697	3709	3711	rBV2	824847	1247968	1.07%	0.281%
26	13.545	3711	3718	3725	rVV2	2643574	4387053	3.75%	0.987%
27	13.583	3725	3730	3741	rVB2	1224859	1926535	1.65%	0.434%
28	13.725	3762	3774	3789	rVB	24985001	40651350	34.74%	9.149%
29	13.834	3803	3808	3819	rVV2	718602	1605076	1.37%	0.361%
30	13.934	3832	3839	3847	rVV	1250138	2113882	1.81%	0.476%
31	13.982	3847	3854	3861	rVV4	1119075	2046709	1.75%	0.461%
32	14.027	3862	3868	3878	rVB	1889782	2805997	2.40%	0.631%
33	14.255	3931	3939	3959	rVB6	1508022	3818277	3.26%	0.859%
34	14.352	3960	3969	3977	rVV3	1245080	2238420	1.91%	0.504%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072618\
Data File : VN050113.D
Acq On : 27 Jul 2018 4:54
Operator : MD\SY
Sample : J4184-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-6B

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

35	14.400	3977	3984	3997	rVB3	1371016	2210297	1.89%	0.497%
36	14.593	4032	4044	4054	rBV3	903408	1871687	1.60%	0.421%
37	14.660	4054	4065	4079	rVV	8913918	14234942	12.17%	3.204%
38	14.741	4079	4090	4106	rVB	9097681	15167077	12.96%	3.413%
39	14.834	4108	4119	4134	rBV	1792563	3539667	3.03%	0.797%
40	15.136	4199	4213	4230	rVB2	58573472	117009104	100.00%	26.333%
41	15.229	4232	4242	4270	rVB3	536726	1715448	1.47%	0.386%
42	15.718	4382	4394	4413	rBV3	640817	2125748	1.82%	0.478%
43	15.982	4467	4476	4499	rVB2	796910	1993579	1.70%	0.449%
44	16.162	4518	4532	4553	rVB	11704939	23025226	19.68%	5.182%
45	16.355	4576	4592	4610	rVB	8854659	18652992	15.94%	4.198%

Sum of corrected areas: 444345418

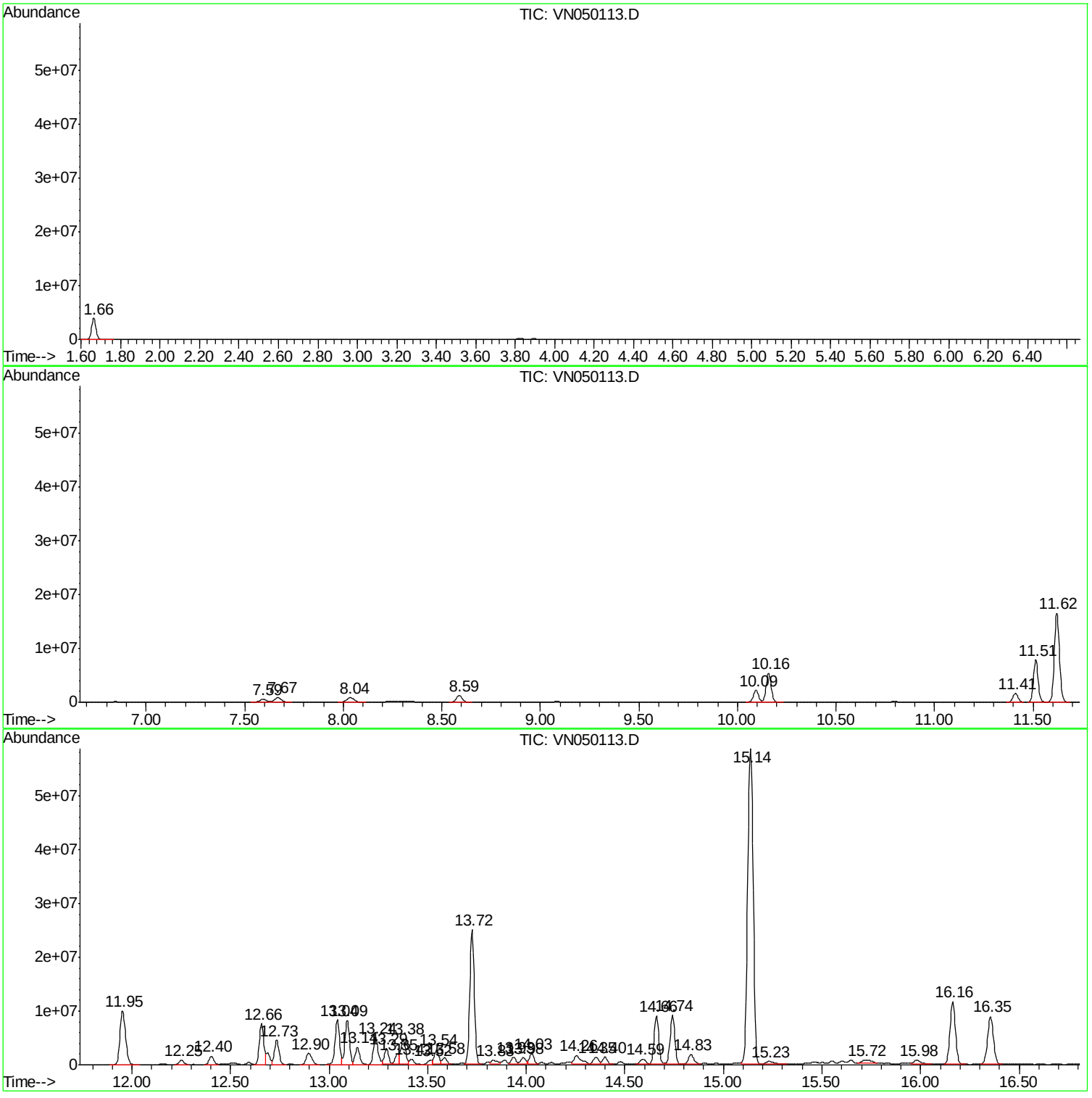
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072618\
Data File : VN050113.D
Acq On : 27 Jul 2018 4:54
Operator : MD\SY
Sample : J4184-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-6B

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072618\
Data File : VN050113.D
Acq On : 27 Jul 2018 4:54
Operator : MD\SY
Sample : J4184-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-6B

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

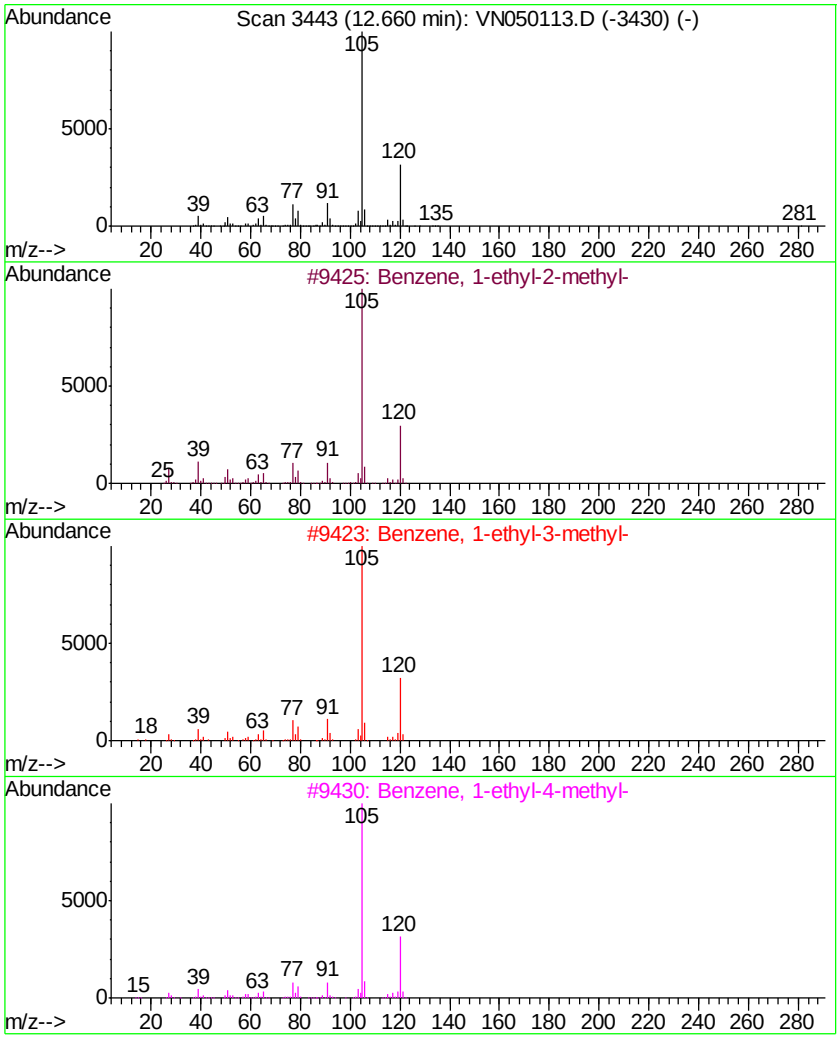
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

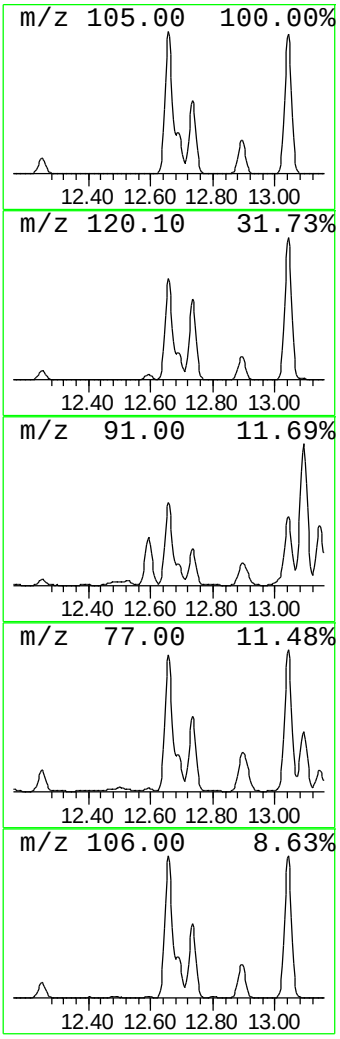
****

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	221.45 ug/l	12300100	1,4-Dichlorobenzene-d4	13.35

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-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072618\
Data File : VN050113.D
Acq On : 27 Jul 2018 4:54
Operator : MD\SY
Sample : J4184-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-6B

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

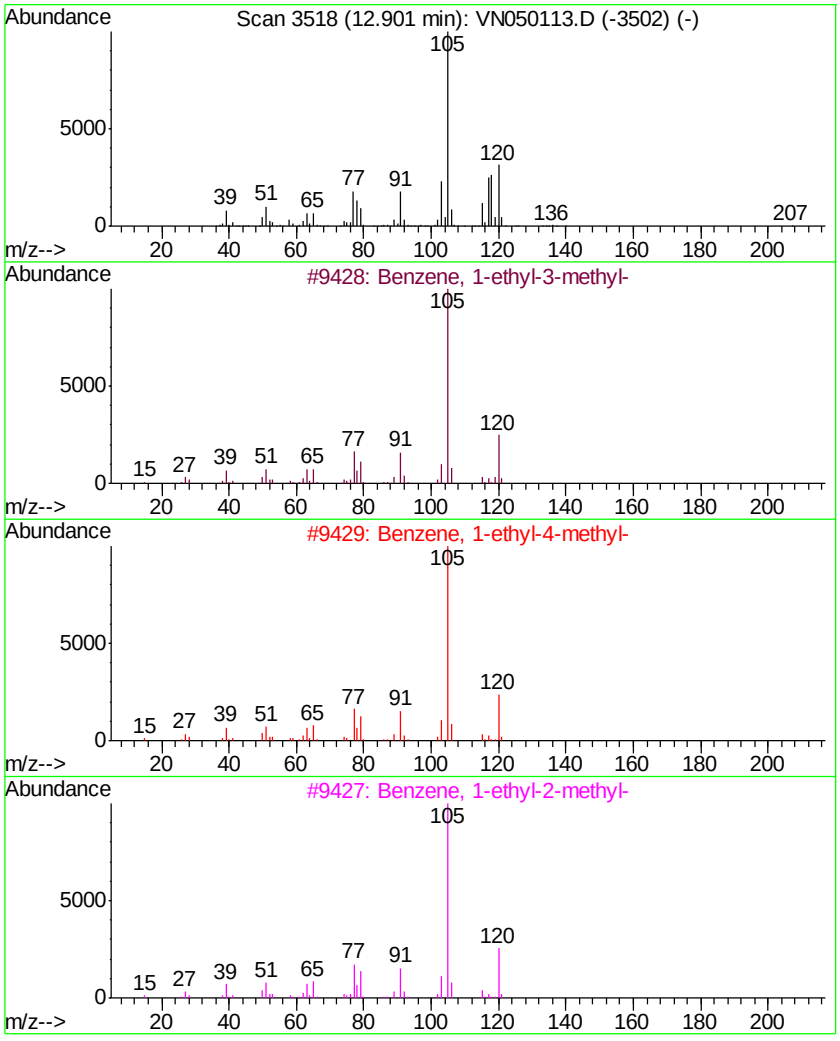
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

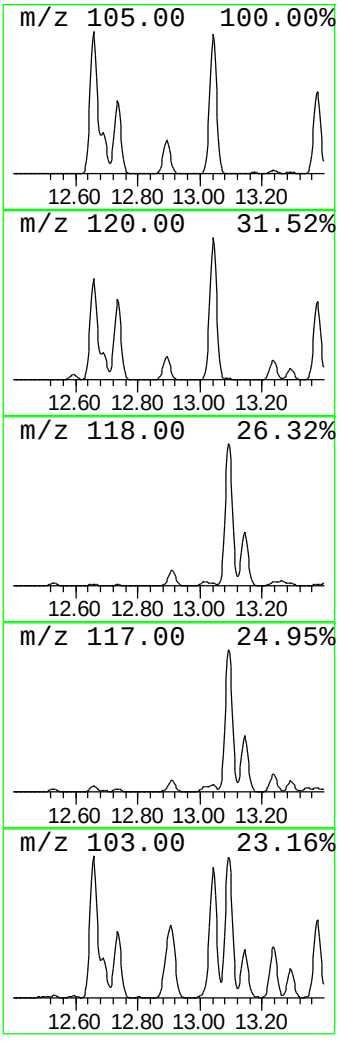
****

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	81.14 ug/l	4507100	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	76
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	76
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	70
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	68





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072618\
Data File : VN050113.D
Acq On : 27 Jul 2018 4:54
Operator : MD\SY
Sample : J4184-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-6B

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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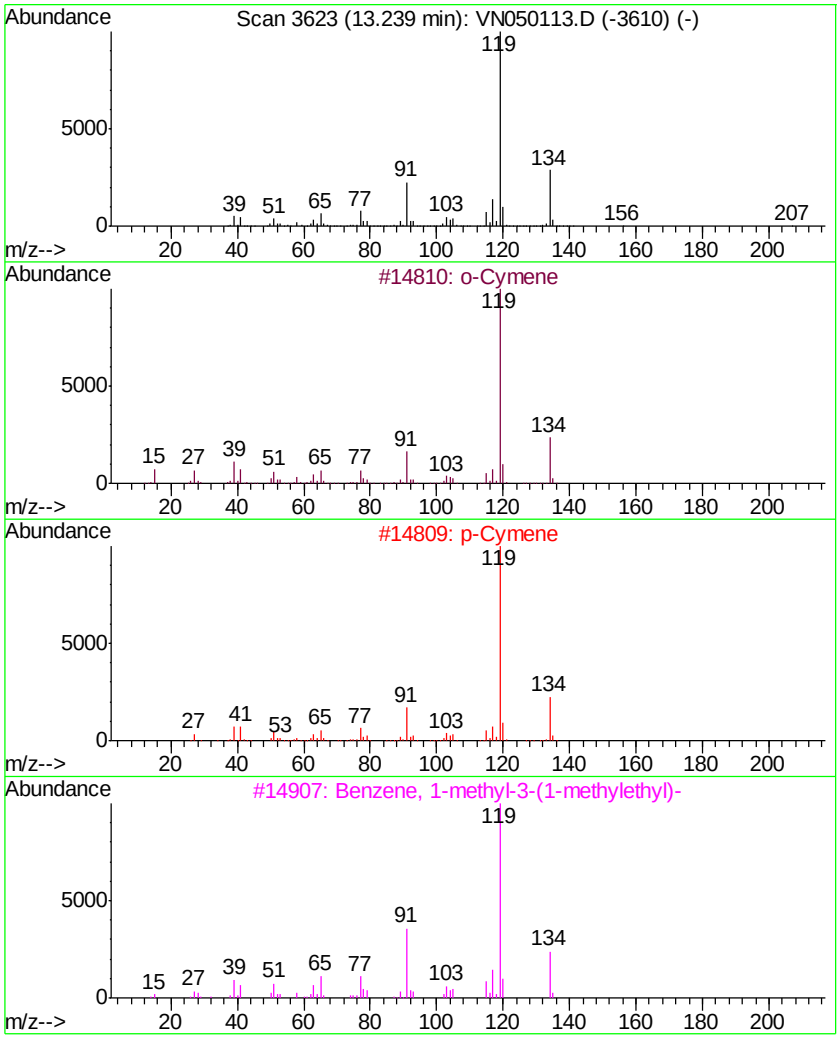
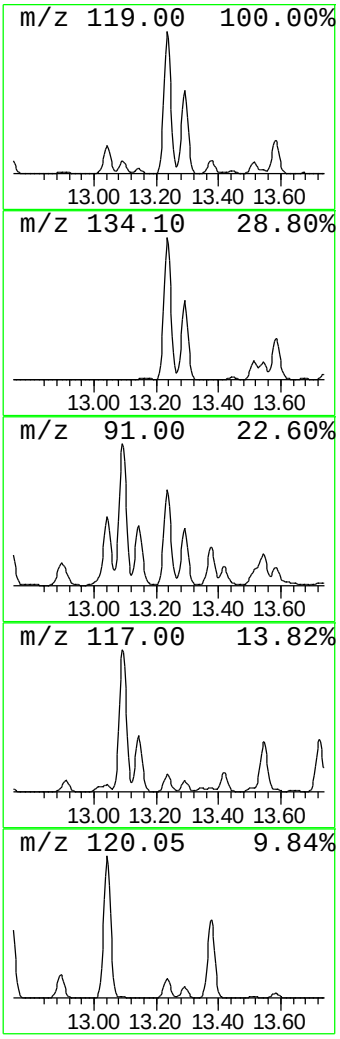
Peak Number 4 o-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	153.78 ug/l	8541310	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	p-Cymene	134	C10H14	000099-87-6	97
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	91
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072618\
Data File : VN050113.D
Acq On : 27 Jul 2018 4:54
Operator : MD\SY
Sample : J4184-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-6B

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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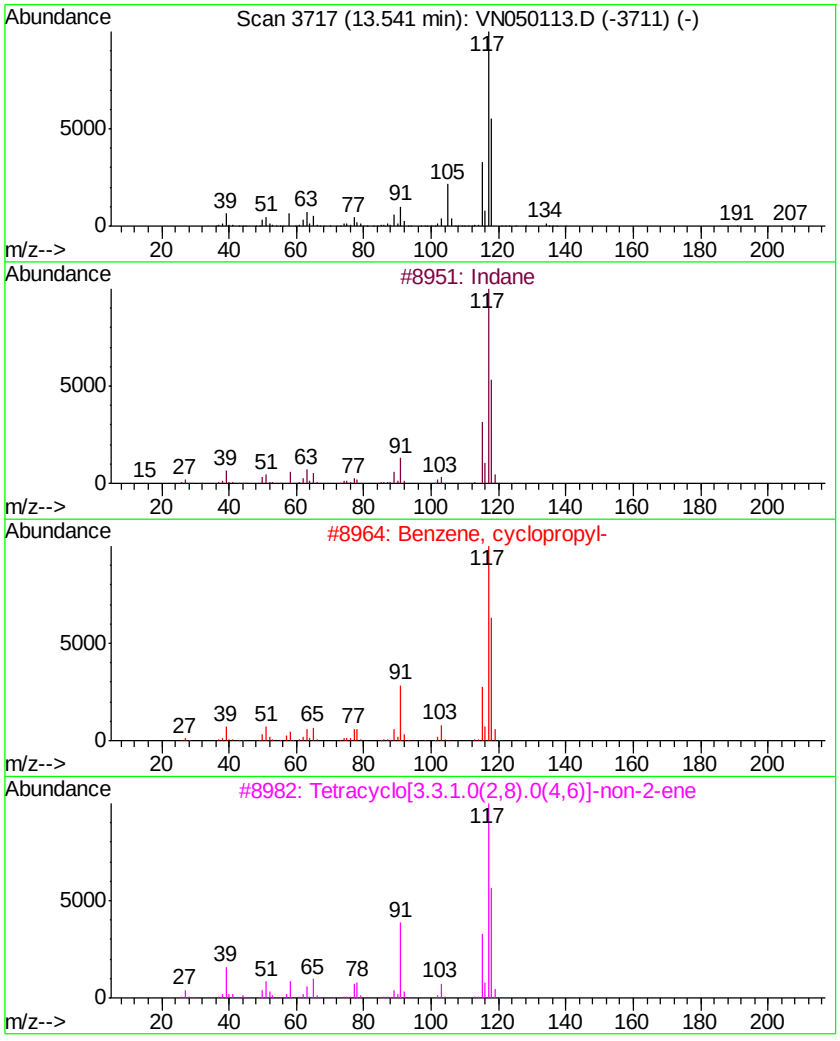
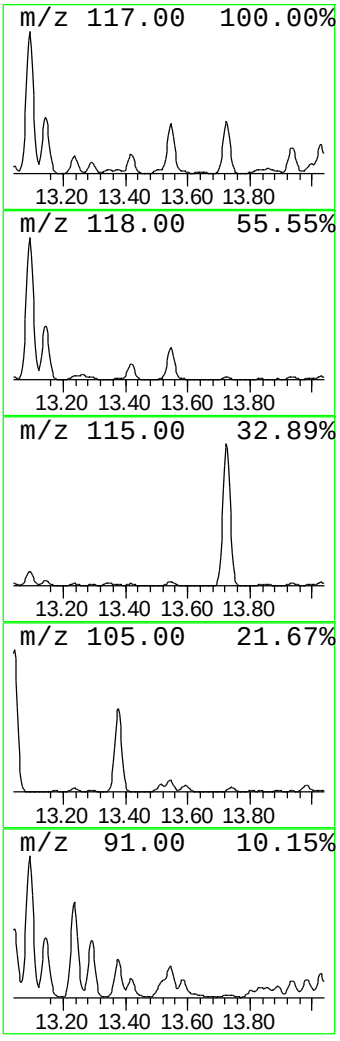
Peak Number 5 Indane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	78.98 ug/l	4387050	1,4-Dichlorobenzene-d4	13.35

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	64
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	53
4	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	47
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072618\
Data File : VN050113.D
Acq On : 27 Jul 2018 4:54
Operator : MD\SY
Sample : J4184-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-6B

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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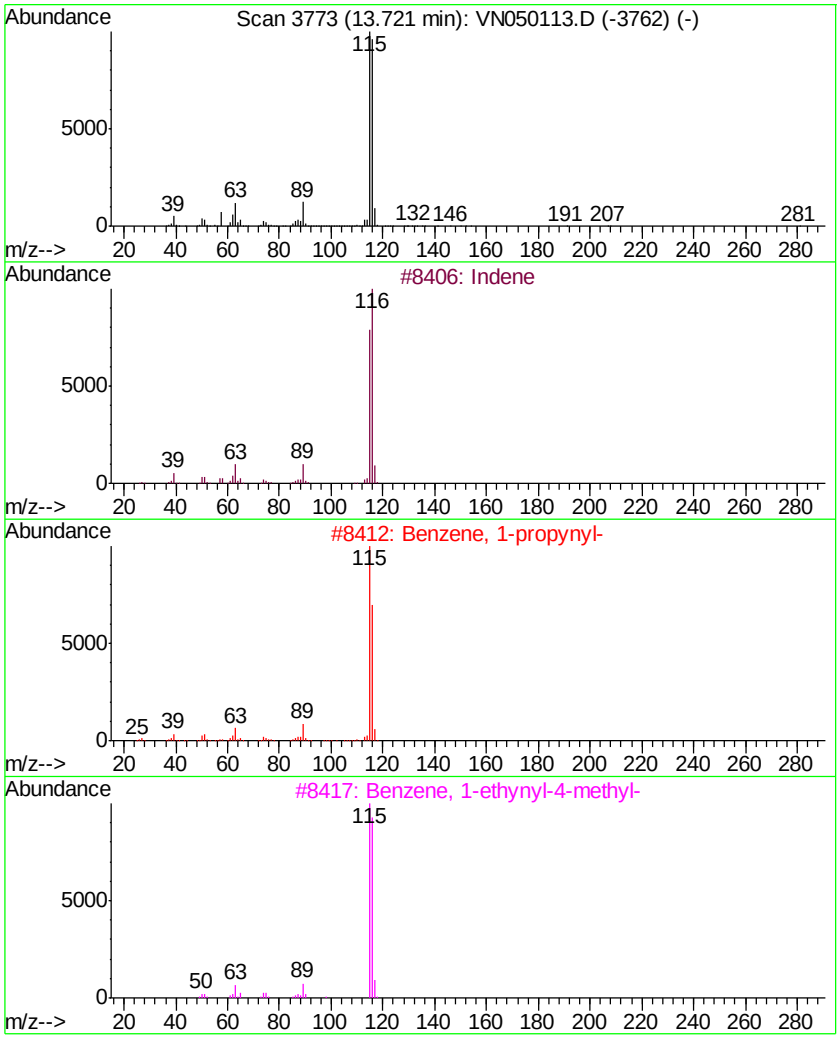
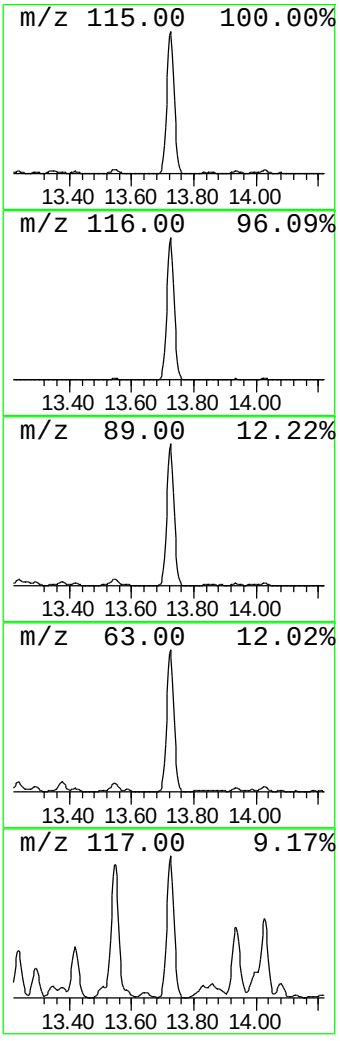
Peak Number 6 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	731.87 ug/l	40651400	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072618\
Data File : VN050113.D
Acq On : 27 Jul 2018 4:54
Operator : MD\SY
Sample : J4184-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-6B

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

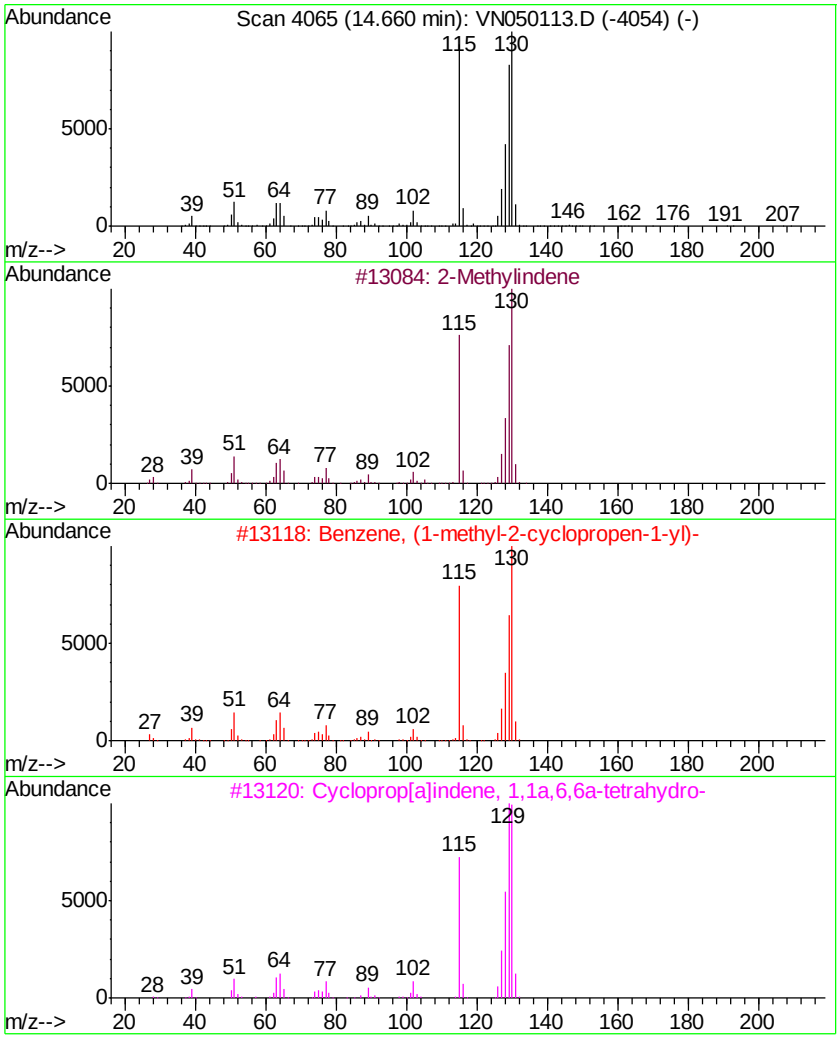
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

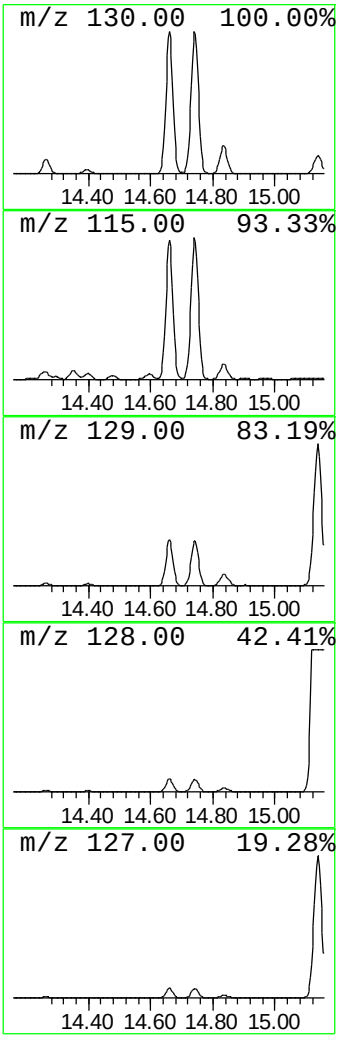
****

Peak Number 7 2-Methylindene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	256.28 ug/l	14234900	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072618\
Data File : VN050113.D
Acq On : 27 Jul 2018 4:54
Operator : MD\SY
Sample : J4184-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-6B

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

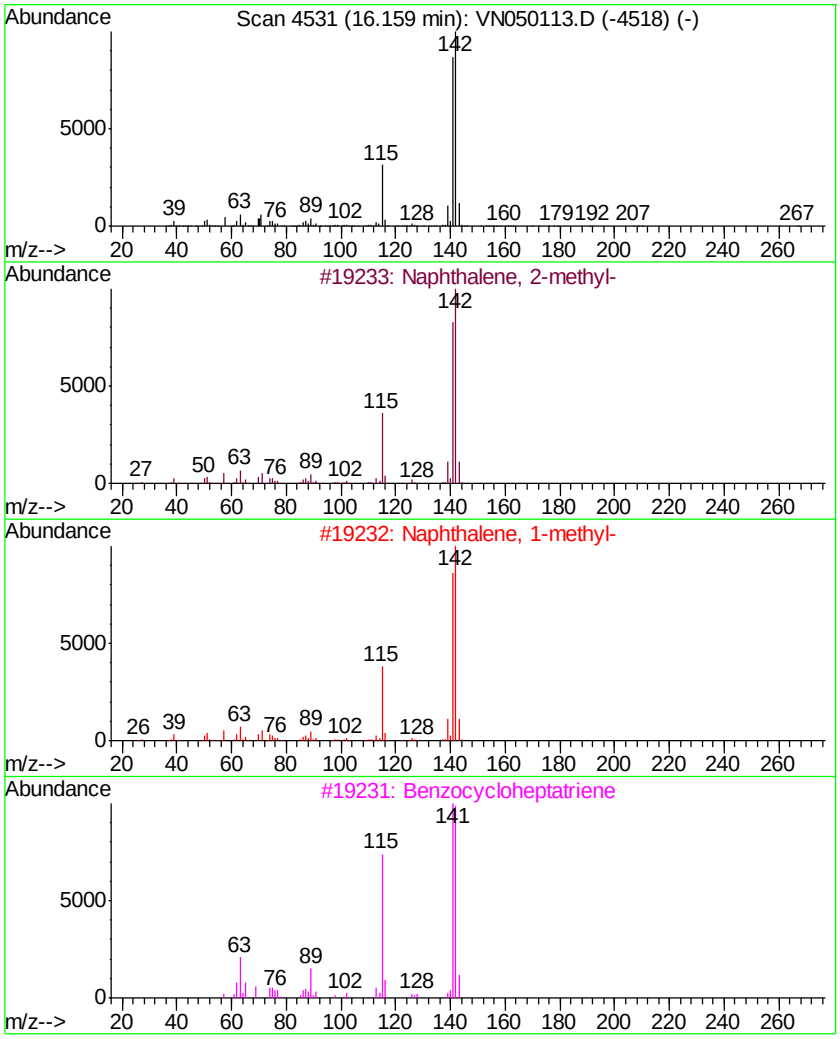
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

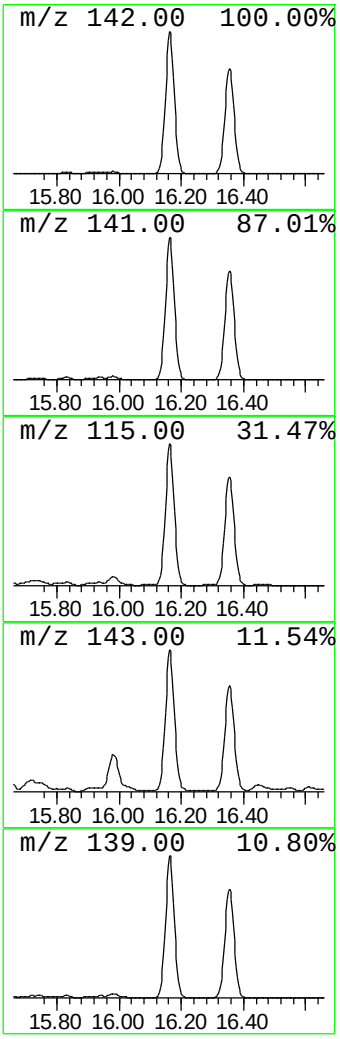
****

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	414.54 ug/l	23025200	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072618\
Data File : VN050113.D
Acq On : 27 Jul 2018 4:54
Operator : MD\SY
Sample : J4184-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-6B

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-ethyl-...	12.66	221.4	ug/l	12300100	4	13.35	2777210	50.0
Benzene, 1-ethyl-...	12.90	81.1	ug/l	4507100	4	13.35	2777210	50.0
o-Cymene	13.24	153.8	ug/l	8541310	4	13.35	2777210	50.0
Indane	13.54	79.0	ug/l	4387050	4	13.35	2777210	50.0
Indene	13.72	731.9	ug/l	40651400	4	13.35	2777210	50.0
2-Methylindene	14.66	256.3	ug/l	14234900	4	13.35	2777210	50.0
Naphthalene, 1-me...	16.16	414.5	ug/l	23025200	4	13.35	2777210	50.0