LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101719\
Data File : VX013109.D
Acq On : 17 Oct 2019 15:57
Operator : JC/SP
Sample : K5406-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-18

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_X\METHOD\82X100819W.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	1.070	26	30	43	rBV	1269460	1517735	100.00%	19.373%
2	1.271	59	63	77	rVB2	10358	19130	1.26%	0.244%
3	5.490	743	755	769	rBV	92936	266374	17.55%	3.400%
4	5.655	769	782	797	rVV	179736	503773	33.19%	6.430%
5	6.051	836	847	863	rBV	106854	285897	18.84%	3.649%
6	6.850	968	978	998	rBV	267506	630625	41.55%	8.050%
7	8.709	1276	1283	1293	rBV	538934	828196	54.57%	10.571%
8	10.111	1507	1513	1521	rBV	478954	679834	44.79%	8.678%
9	11.135	1675	1681	1692	rBV	364820	487919	32.15%	6.228%
10	12.074	1829	1835	1843	rBV	456473	563390	37.12%	7.191%
11	12.294	1866	1871	1876	rBV	135989	170165	11.21%	2.172%
12	12.367	1879	1883	1892	rVB4	14452	24518	1.62%	0.313%
13	12.666	1927	1932	1934	rBV	17997	21954	1.45%	0.280%
14	12.696	1934	1937	1942	rVV	15292	20831	1.37%	0.266%
15	12.751	1942	1946	1953	rVB3	64292	105416	6.95%	1.346%
16	12.891	1961	1969	1974	rVB2	17392	29185	1.92%	0.373%
17	12.970	1974	1982	1987	rBV	60100	81312	5.36%	1.038%
18	13.080	1996	2000	2005	rVB2	15241	21745	1.43%	0.278%
19	13.190	2013	2018	2020	rBV2	17767	21449	1.41%	0.274%
20	13.220	2020	2023	2026	rVV	27409	29027	1.91%	0.371%
21	13.342	2039	2043	2049	rVB2	78151	108964	7.18%	1.391%
22	13.403	2049	2053	2058	rVV4	9276	16369	1.08%	0.209%
23	13.598	2081	2085	2088	rBV	18394	22148	1.46%	0.283%
24	13.635	2088	2091	2095	rVV3	21128	26453	1.74%	0.338%
25	13.714	2102	2104	2113	rVB5	26413	49289	3.25%	0.629%
26	13.848	2121	2126	2132	rVV4	8348	18146	1.20%	0.232%
27	13.909	2132	2136	2140	rVV2	25007	33521	2.21%	0.428%
28	13.982	2140	2148	2152	rVV2	42048	62025	4.09%	0.792%
29	14.025	2152	2155	2160	rVB2	12579	17287	1.14%	0.221%
30	14.129	2167	2172	2175	rBV	26861	33363	2.20%	0.426%
31	14.269	2190	2195	2199	rBV3	12539	21666	1.43%	0.277%
32	14.373	2207	2212	2216	rBV	25462	34931	2.30%	0.446%
33	14.434	2216	2222	2235	rVB2	46423	87956	5.80%	1.123%
34	14.537	2235	2239	2243	rBV3	26776	38743	2.55%	0.495%

LSC Area Percent Report

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Operator : JC/SP
Sample : K5406-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-18

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_X\METHOD\82X100819W.M
Title : SW846 8260

35	14.653	2251	2258	2262	rBV	52967	79183	5.22%	1.011%
36	14.836	2283	2288	2296	rBV	373032	507799	33.46%	6.482%
37	15.244	2349	2355	2360	rVB2	17443	25861	1.70%	0.330%
38	15.476	2389	2393	2397	rVB	13878	18891	1.24%	0.241%
39	15.543	2399	2404	2407	rVV4	8536	15447	1.02%	0.197%
40	15.580	2407	2410	2419	rVB5	15168	24434	1.61%	0.312%
41	15.683	2419	2427	2430	rBV3	30050	49554	3.26%	0.633%
42	15.720	2430	2433	2439	rVB	15705	26050	1.72%	0.333%
43	15.799	2439	2446	2454	rBV5	9521	21616	1.42%	0.276%
44	15.884	2454	2460	2463	rVV2	26066	47775	3.15%	0.610%
45	15.915	2463	2465	2473	rVB2	30189	45178	2.98%	0.577%
46	16.061	2482	2489	2495	rBV	37614	66885	4.41%	0.854%
47	16.409	2536	2546	2552	rVB2	13566	26307	1.73%	0.336%

Sum of corrected areas: 7834316

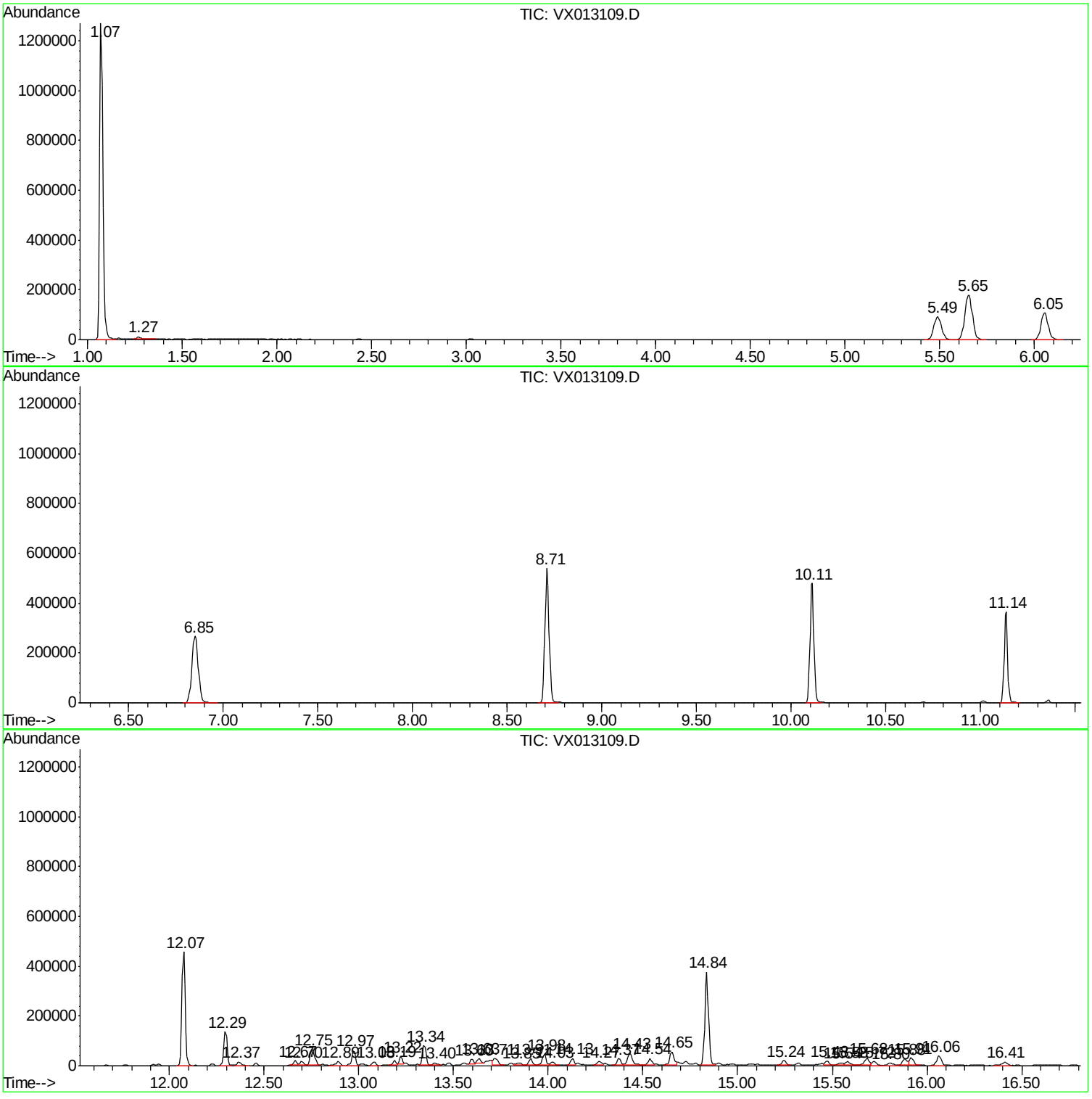
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101719\
Data File : VX013109.D
Acq On : 17 Oct 2019 15:57
Operator : JC/SP
Sample : K5406-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-18

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101719\
Data File : VX013109.D
Acq On : 17 Oct 2019 15:57
Operator : JC/SP
Sample : K5406-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-18

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260

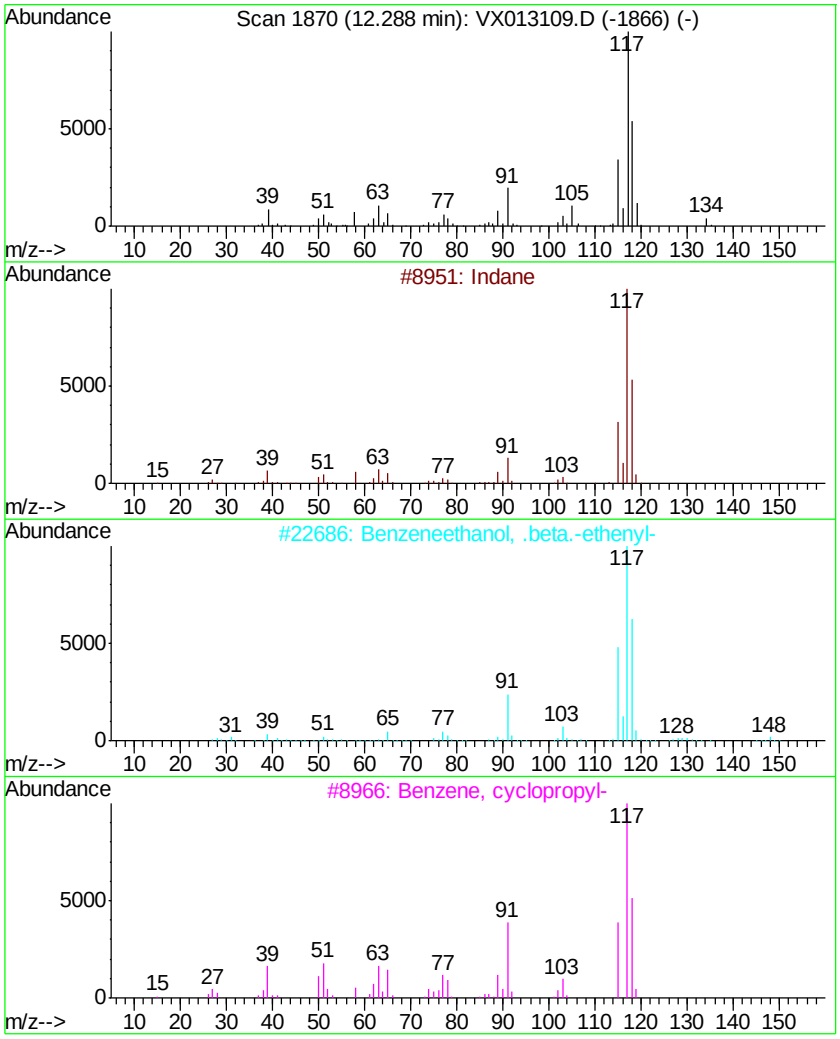
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

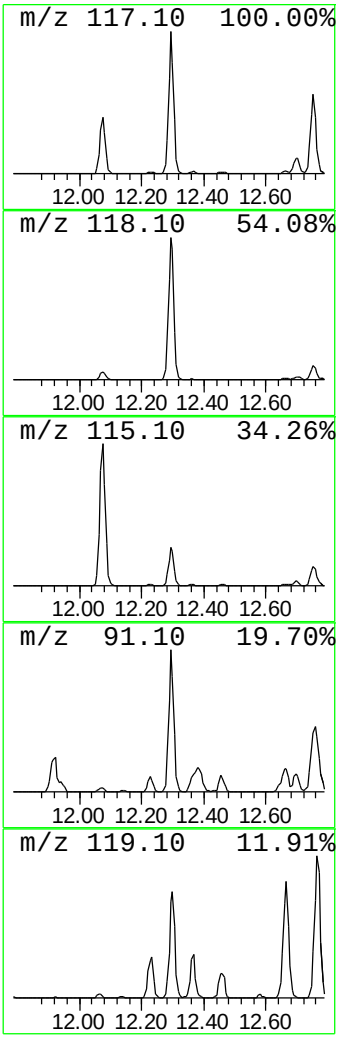
****

Peak Number 2 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	15.10 ug/l	170165	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	72
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	68
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101719\
Data File : VX013109.D
Acq On : 17 Oct 2019 15:57
Operator : JC/SP
Sample : K5406-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-18

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260

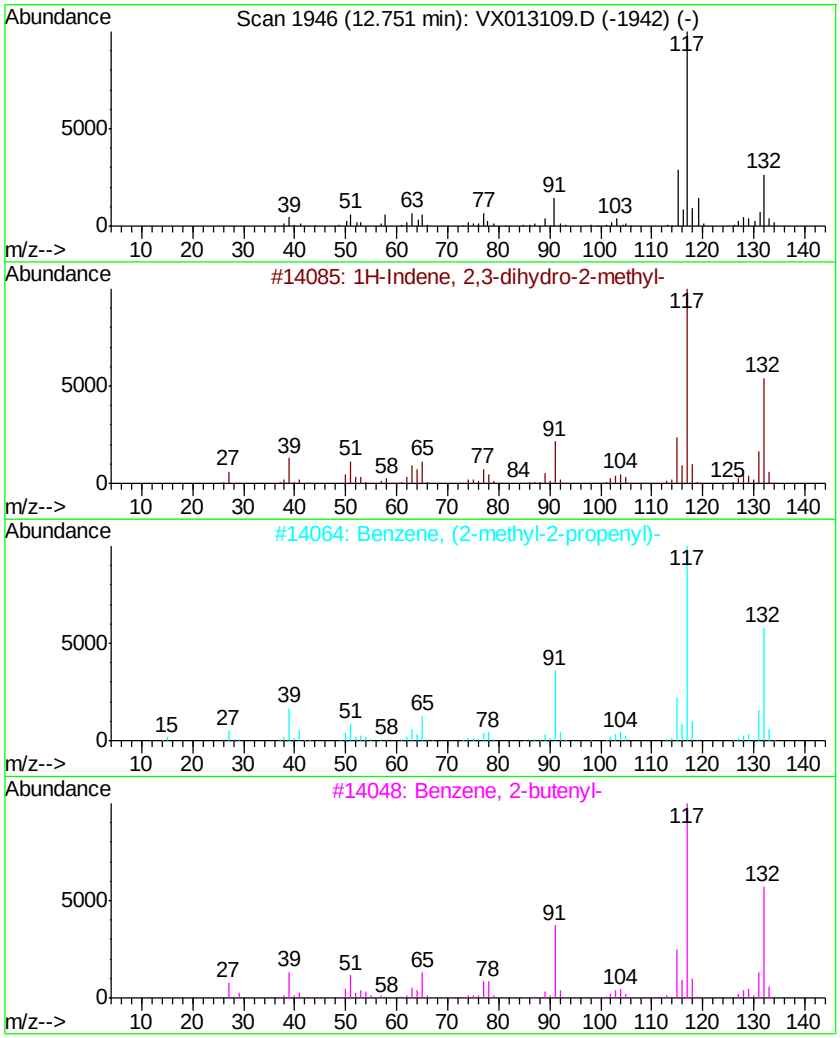
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

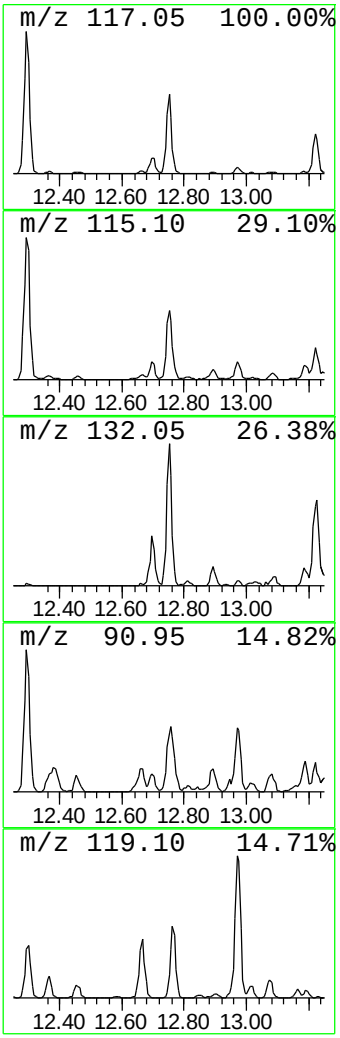
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	9.36 ug/l	105416	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	87
2	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	86
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	86
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	83
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	83





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101719\
Data File : VX013109.D
Acq On : 17 Oct 2019 15:57
Operator : JC/SP
Sample : K5406-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-18

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260

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

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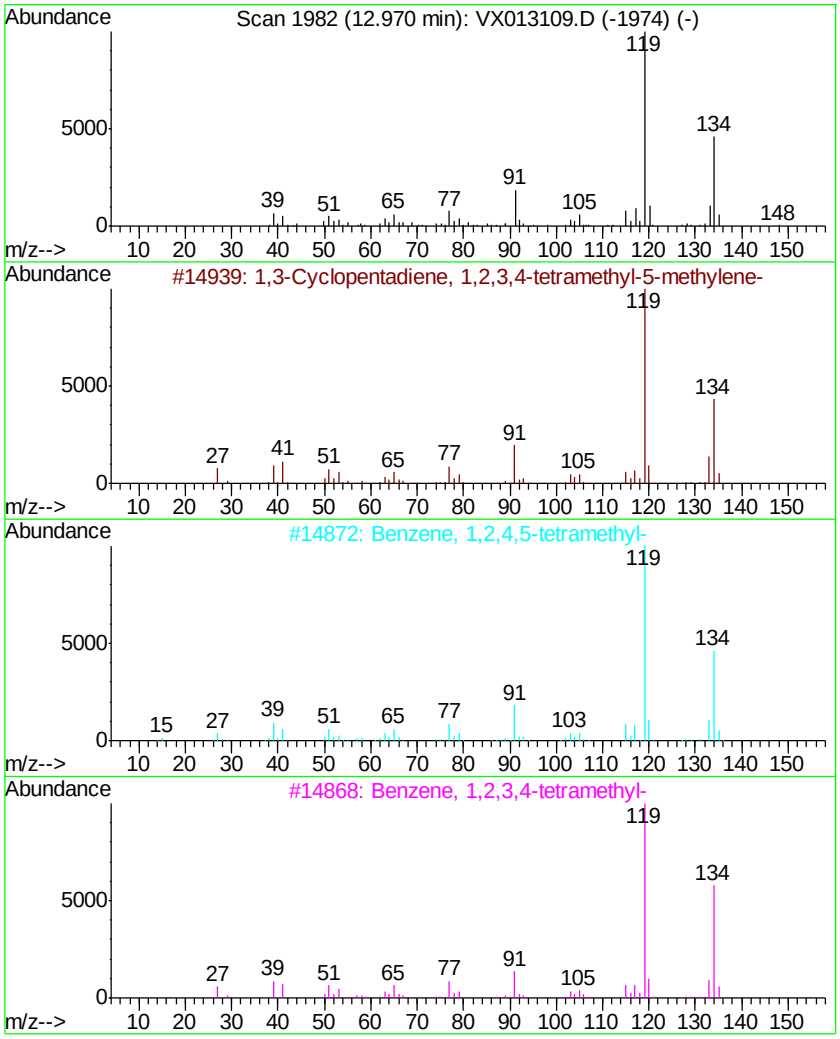
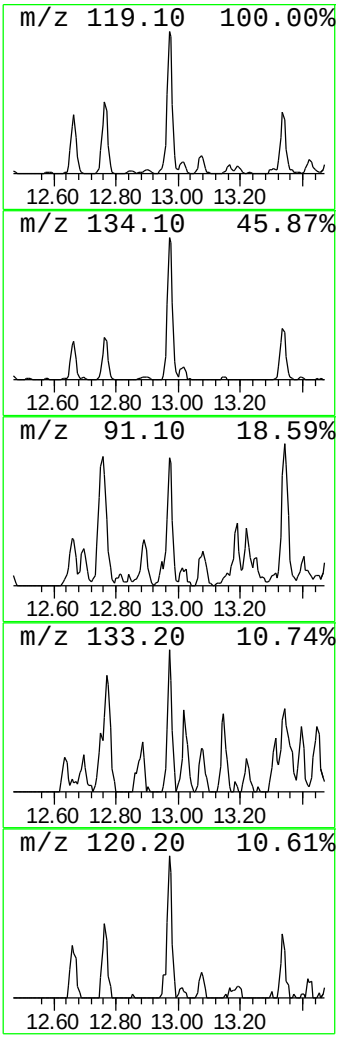
Peak Number 4 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	7.22 ug/l	81312	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101719\
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-18

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260

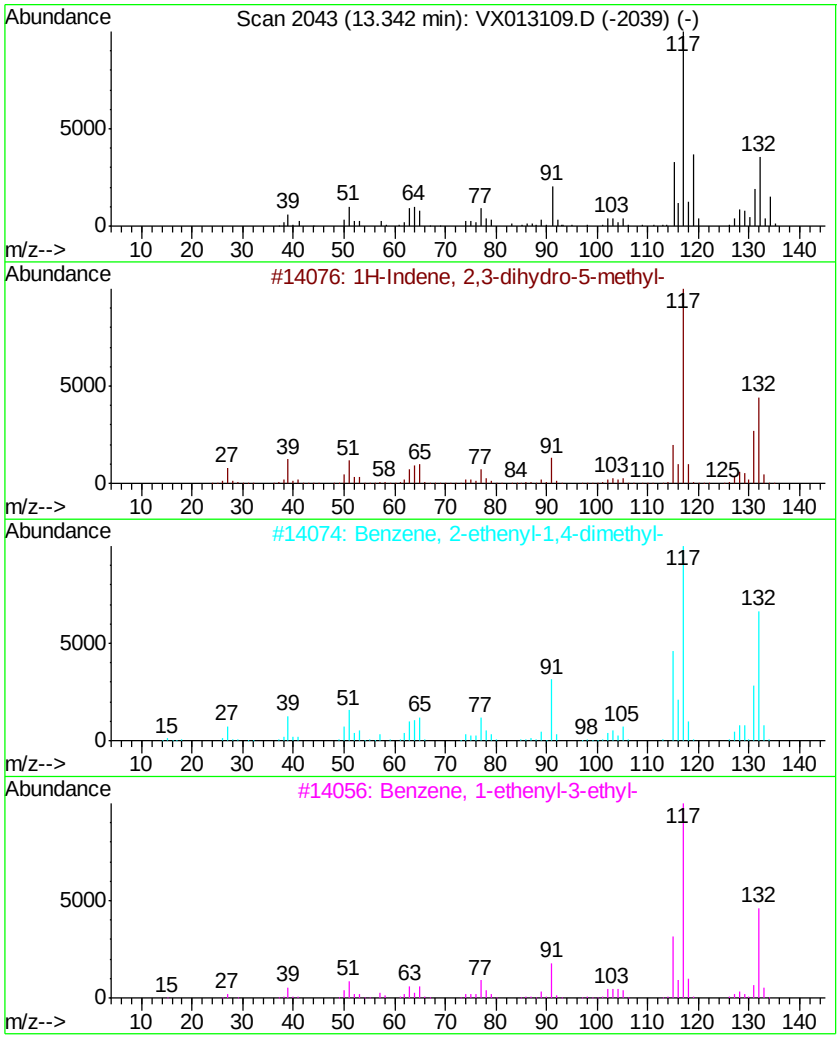
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

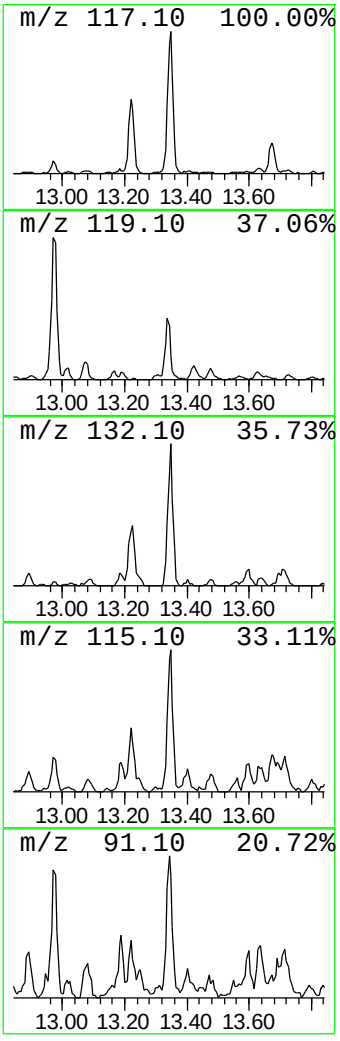
****

Peak Number 5 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	9.67 ug/l	108964	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	86
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	81
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101719\
Data File : VX013109.D
Acq On : 17 Oct 2019 15:57
Operator : JC/SP
Sample : K5406-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-18

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260

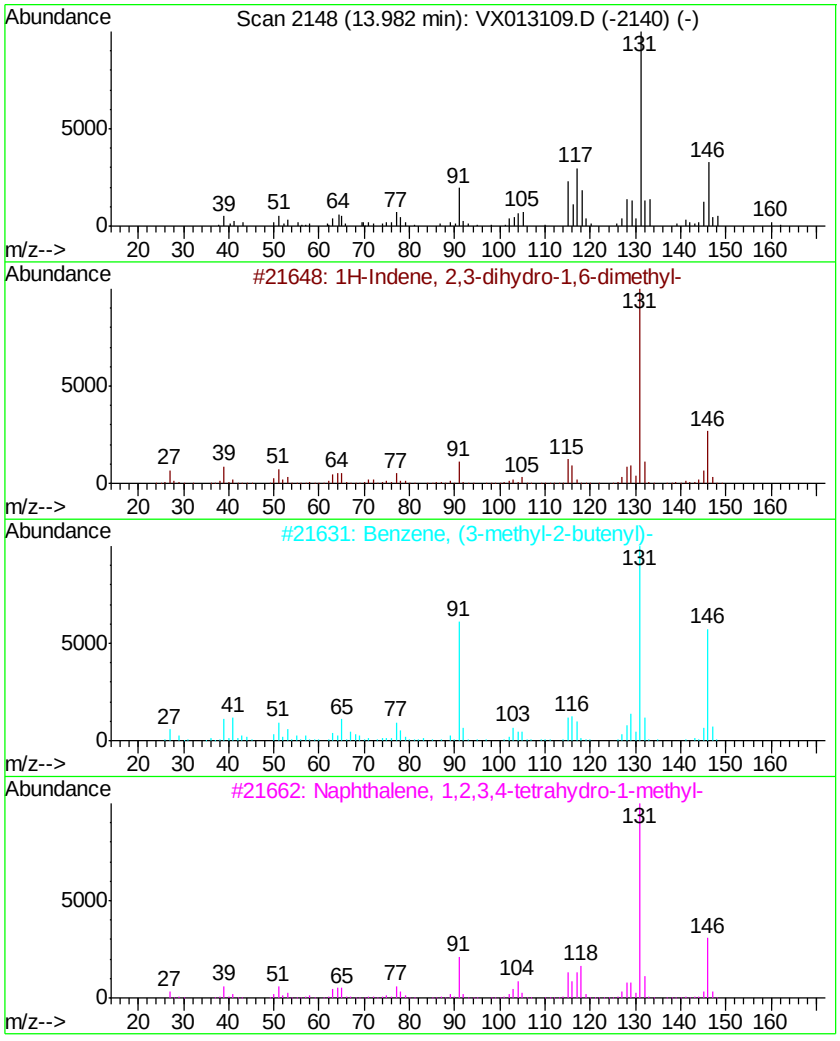
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

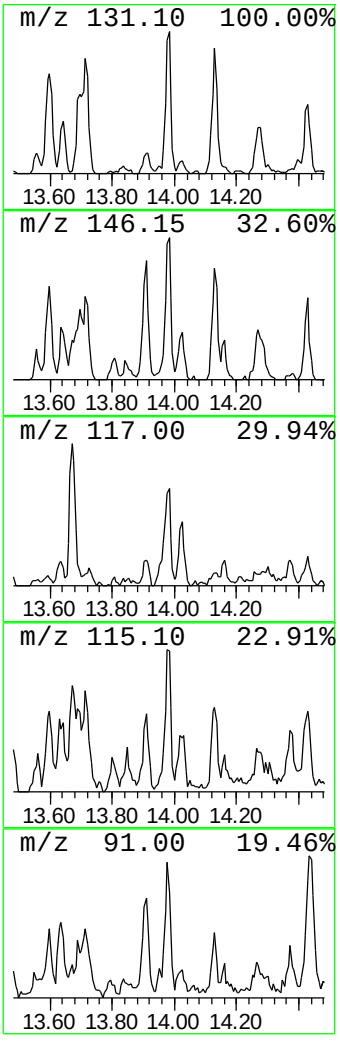
****

Peak Number 6 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	5.50 ug/l	62025	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	93
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	93
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	87
4	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	83
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101719\
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Sample : K5406-01
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ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-18

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260

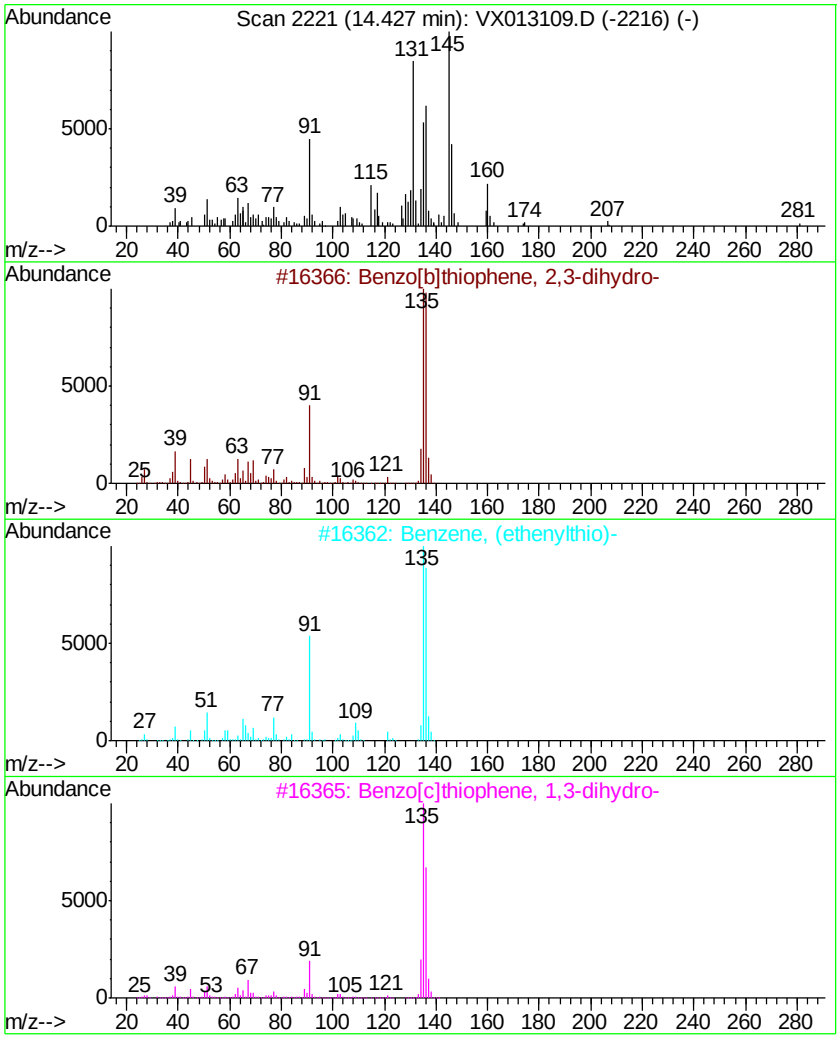
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

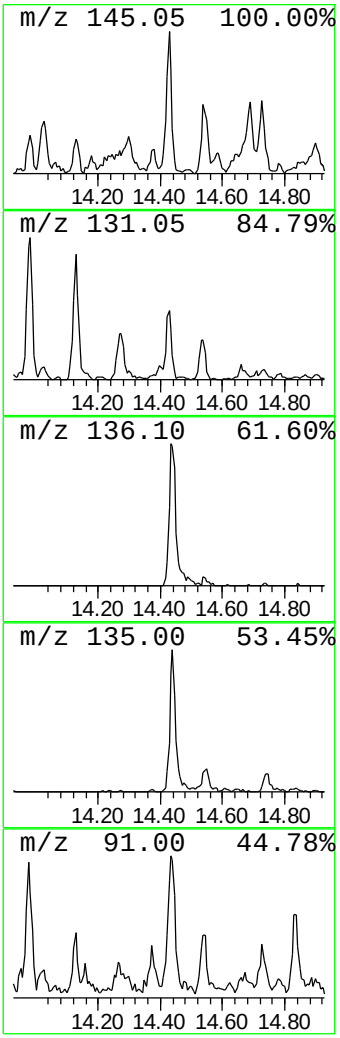
****

Peak Number 7 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	7.81 ug/l	87956	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	60
2	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	55
3	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	46
4	Benzaldehyde, 3-methoxy-	136	C8H8O2	000591-31-1	46
5	Benzaldehyde, 4-methoxy-	136	C8H8O2	000123-11-5	46





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ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-18

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260

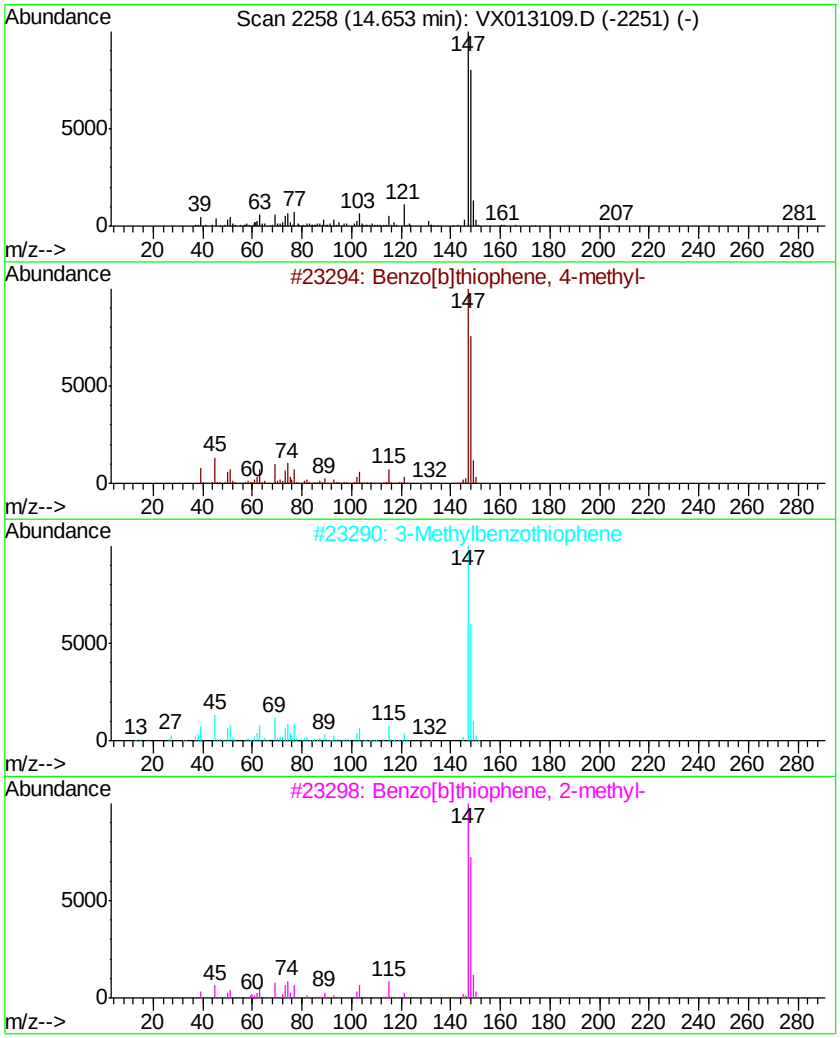
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

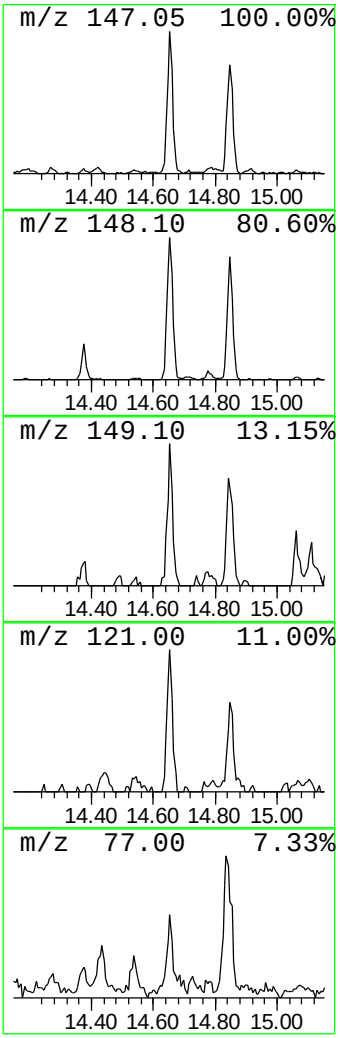
****

Peak Number 8 Benzo[b]thiophene, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	7.03 ug/l	79183	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	90
2	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
4	Pyridine, 4-(1-pyrrolidinyl)-	148	C9H12N2	002456-81-7	80
5	5-Methylthiophene-2,3-dicarbonit...	148	C7H4N2S	1000305-40-8	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101719\
Data File : VX013109.D
Acq On : 17 Oct 2019 15:57
Operator : JC/SP
Sample : K5406-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-18

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260

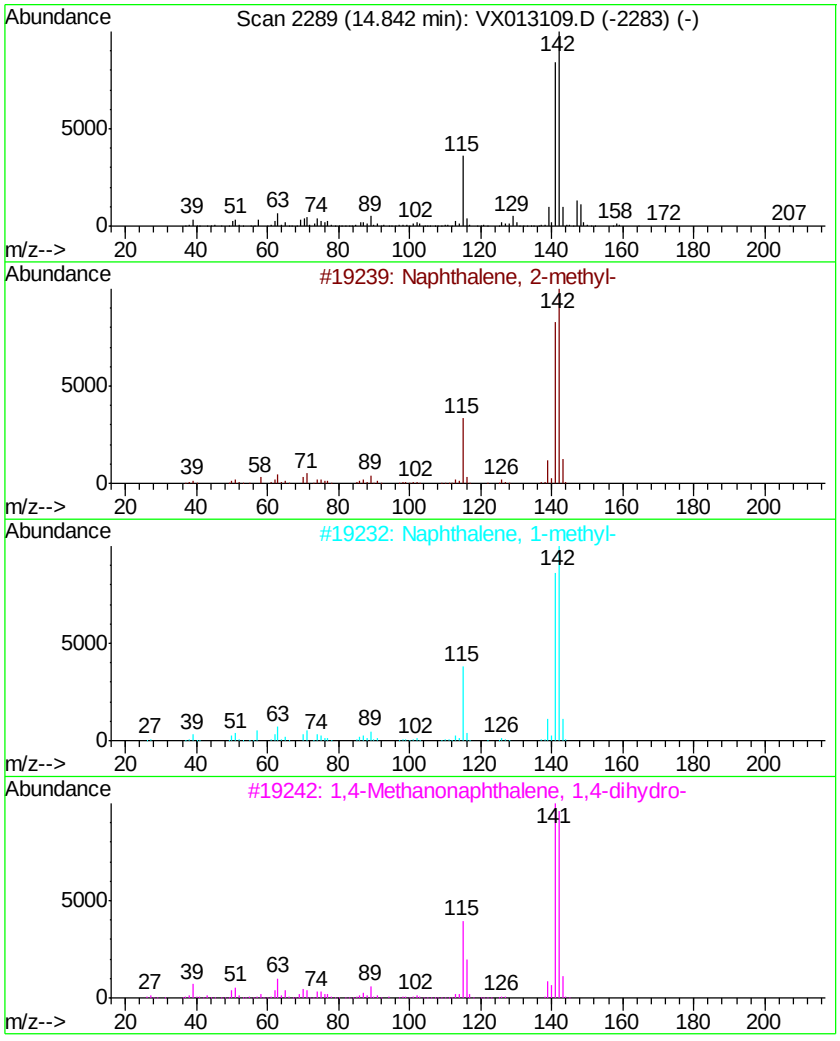
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

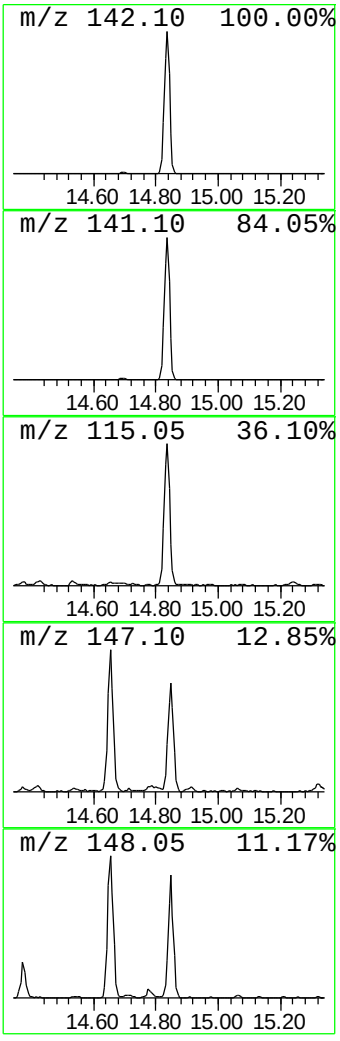
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	45.07 ug/l	507799	1,4-Dichlorobenzene-d4	12.07

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	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	93
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101719\
Data File : VX013109.D
Acq On : 17 Oct 2019 15:57
Operator : JC/SP
Sample : K5406-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-18

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260

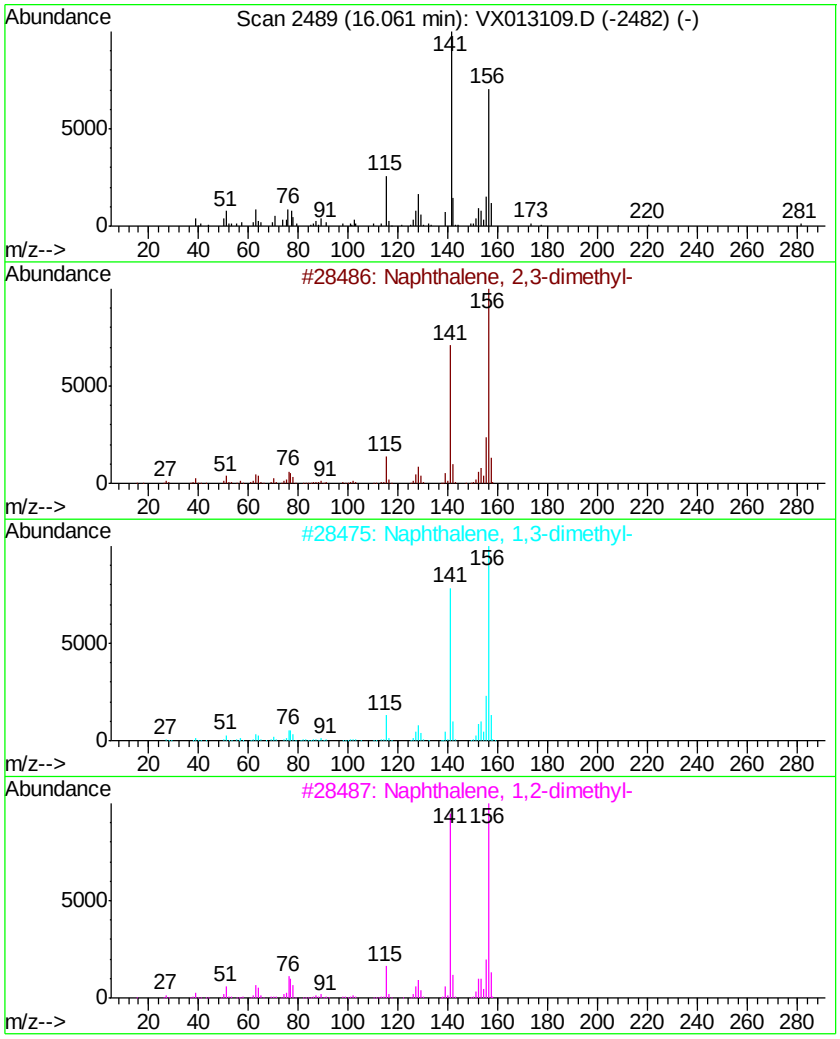
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

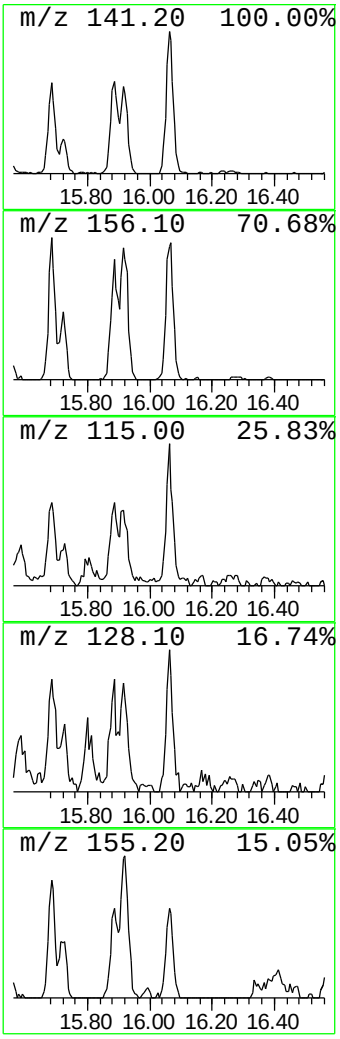
****

Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	5.94 ug/l	66885	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101719\
Data File : VX013109.D
Acq On : 17 Oct 2019 15:57
Operator : JC/SP
Sample : K5406-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-18

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.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
Indane	12.29	15.1	ug/l	170165	4	12.07	563390	50.0
1H-Indene, 2,3-di...	12.75	9.4	ug/l	105416	4	12.07	563390	50.0
1,3-Cyclopentadie...	12.97	7.2	ug/l	81312	4	12.07	563390	50.0
1H-Indene, 2,3-di...	13.34	9.7	ug/l	108964	4	12.07	563390	50.0
1H-Indene, 2,3-di...	13.98	5.5	ug/l	62025	4	12.07	563390	50.0
Benzo[b]thiophene...	14.43	7.8	ug/l	87956	4	12.07	563390	50.0
Benzo[b]thiophene...	14.65	7.0	ug/l	79183	4	12.07	563390	50.0
Naphthalene, 1-me...	14.84	45.1	ug/l	507799	4	12.07	563390	50.0
Naphthalene, 2,3-...	16.06	5.9	ug/l	66885	4	12.07	563390	50.0