LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070124\
Data File : VX042110.D
Acq On : 01 Jul 2024 13:35
Operator : JC/MD
Sample : P3073-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW14-20240625

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\82X061824W.M
Title : SW846 8260

Signal : TIC: VX042110.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.385	693	705	719	rBV2	74622	219806	1.20%	0.614%
2	5.550	721	732	748	rVB	124083	355120	1.95%	0.993%
3	5.952	787	798	823	rBV	71871	196153	1.07%	0.548%
4	6.757	921	930	955	rBV	187168	460707	2.52%	1.288%
5	8.647	1234	1240	1251	rBV	407310	634172	3.47%	1.773%
6	10.055	1465	1471	1484	rBV	429879	588850	3.23%	1.646%
7	11.079	1634	1639	1653	rBV	397365	500453	2.74%	1.399%
8	11.610	1721	1726	1735	rBV	148572	191249	1.05%	0.535%
9	11.750	1741	1749	1755	rBV	549737	664410	3.64%	1.857%
10	12.018	1788	1793	1799	rBV	507454	656536	3.60%	1.835%
11	12.085	1799	1804	1809	rBV	298721	366525	2.01%	1.025%
12	12.244	1822	1830	1838	rBV	835701	1073414	5.88%	3.000%
13	12.695	1899	1904	1911	rBV	226783	317741	1.74%	0.888%
14	13.170	1976	1982	1987	rBV	159732	202454	1.11%	0.566%
15	13.286	1992	2001	2006	rBV2	233361	320926	1.76%	0.897%
16	13.341	2006	2010	2018	rVB	373582	425964	2.33%	1.191%
17	13.420	2018	2023	2031	rBV	1646651	2168627	11.88%	6.062%
18	13.500	2031	2036	2040	rVV	212641	246852	1.35%	0.690%
19	13.780	2072	2082	2092	rBV	13905030	18251773	100.00%	51.019%
20	14.317	2165	2170	2177	rVB	147026	250934	1.37%	0.701%
21	14.634	2218	2222	2233	rVB	2169100	2616781	14.34%	7.315%
22	14.780	2240	2246	2259	rVB	2943661	3762471	20.61%	10.517%
23	15.609	2370	2382	2386	rBV	241062	414144	2.27%	1.158%
24	15.835	2409	2419	2432	rBV	73616	212986	1.17%	0.595%
25	16.322	2491	2499	2510	rBV	360259	675691	3.70%	1.889%

Sum of corrected areas: 35774739

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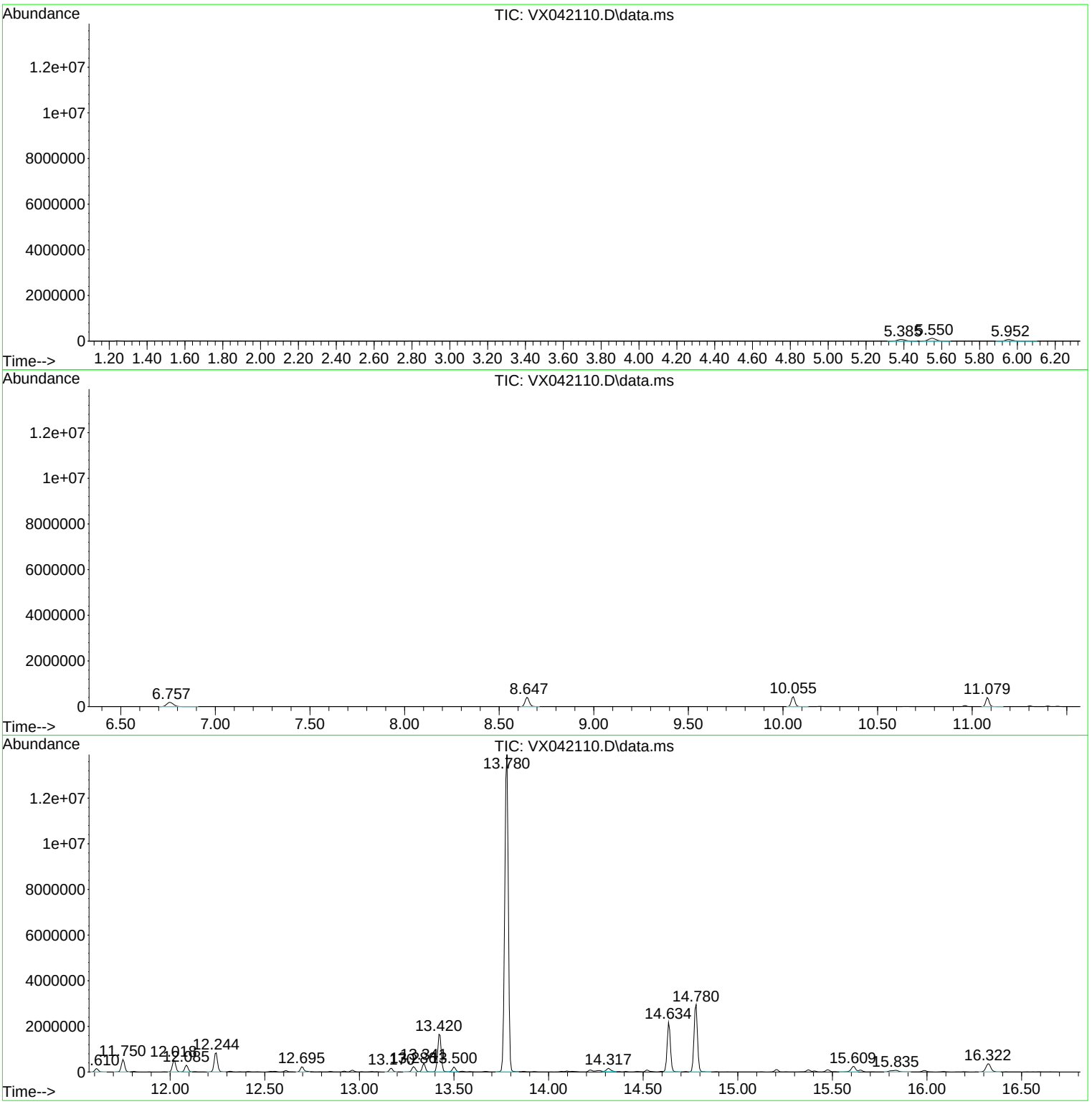
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW14-20240625

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Data File : VX042110.D
Acq On : 01 Jul 2024 13:35
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
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ClientSampleId :
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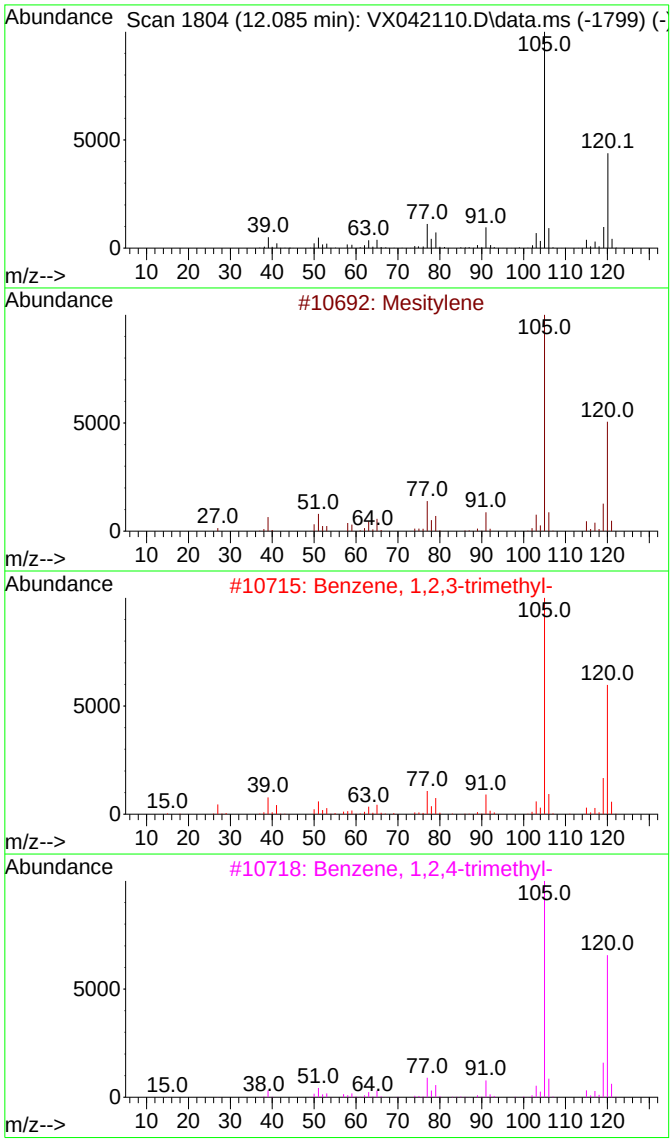
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260

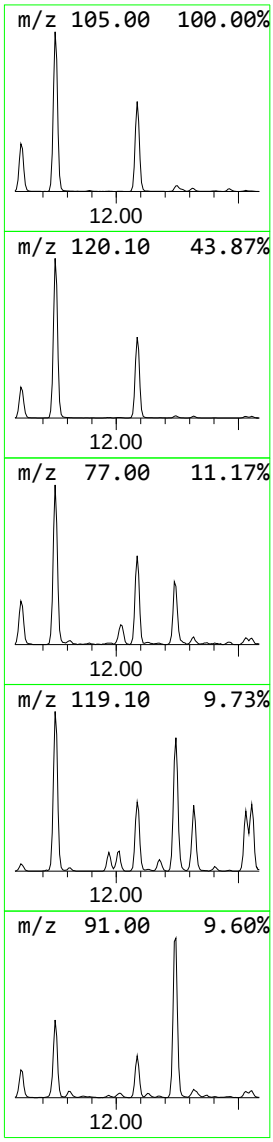
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1-ethyl-3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.085	27.91 ug/l	366525	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





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Operator : JC/MD
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW14-20240625

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260

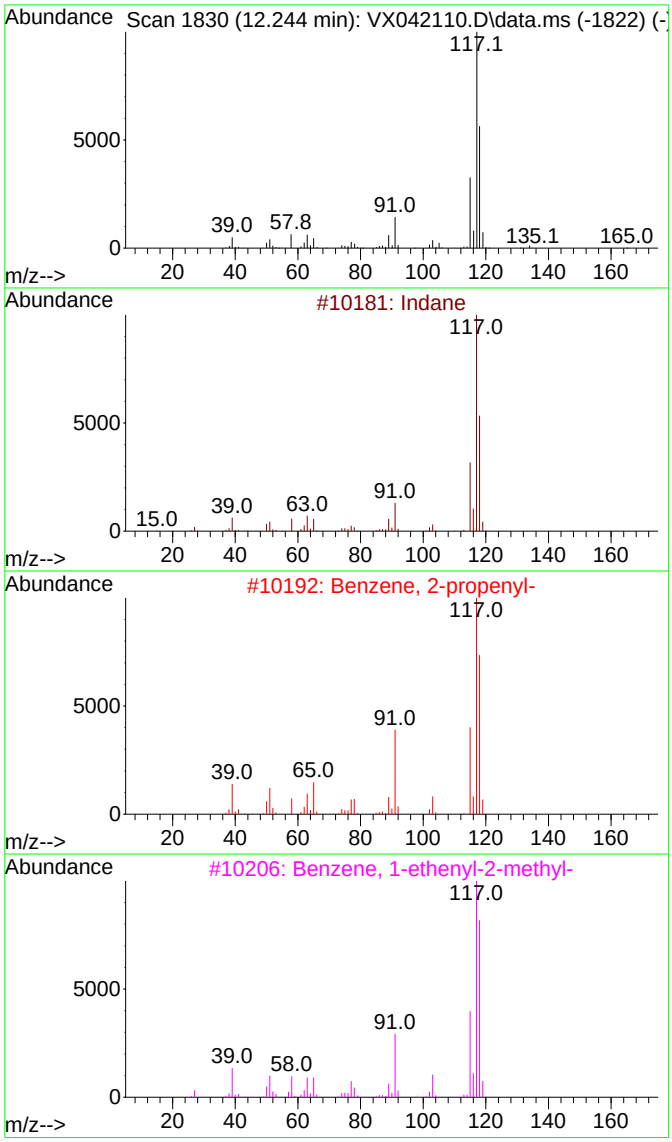
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

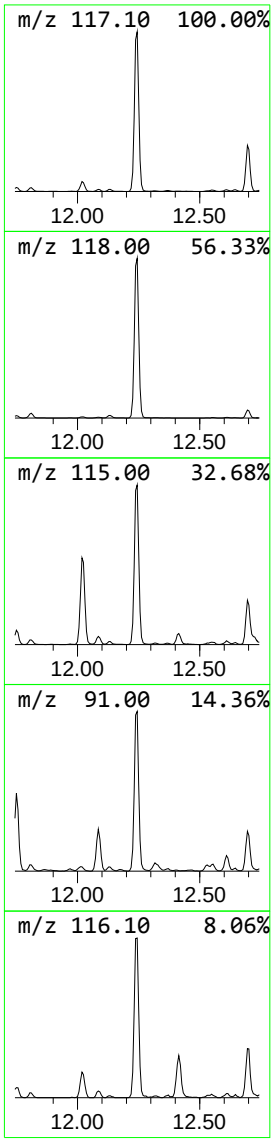
****

Peak Number 2 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	81.75 ug/l	1073410	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	87
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	87
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80





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Data File : VX042110.D
Acq On : 01 Jul 2024 13:35
Operator : JC/MD
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW14-20240625

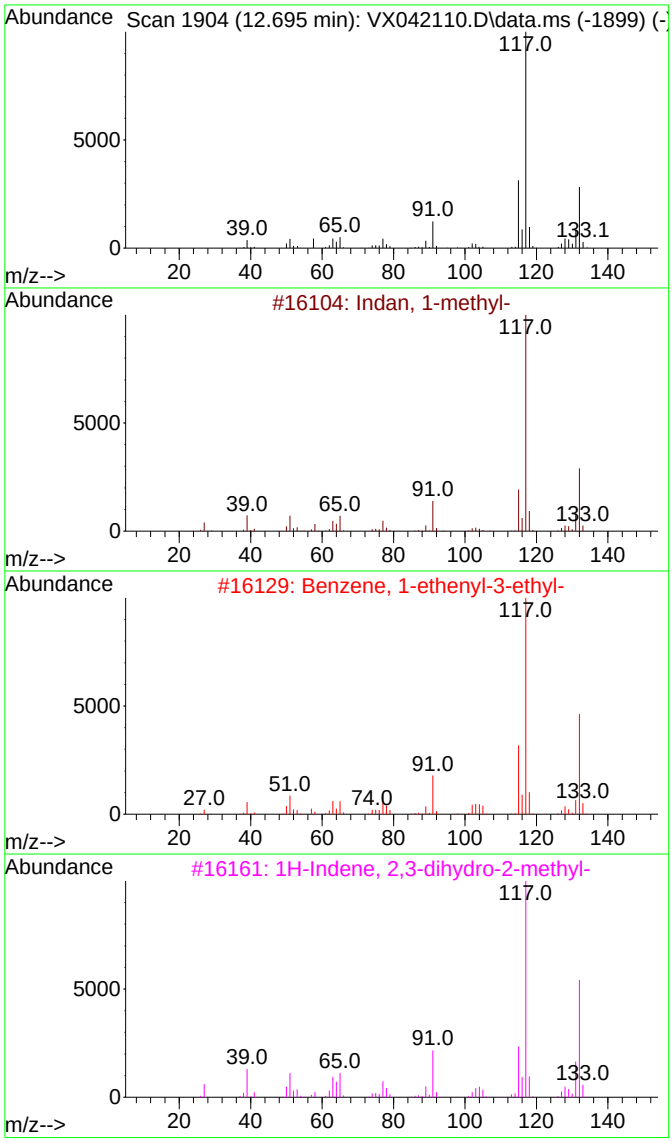
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260

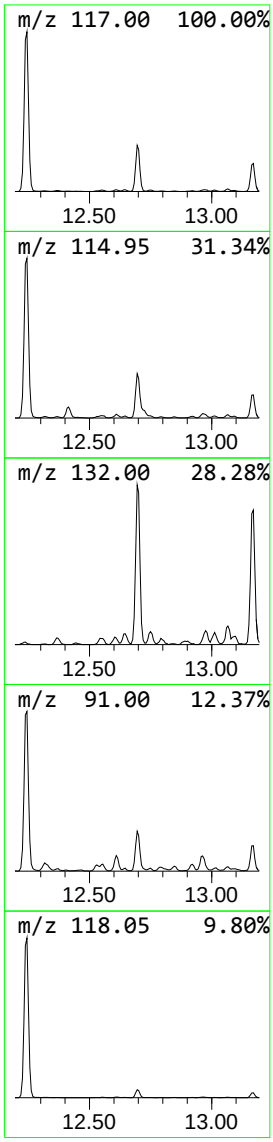
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Indan, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.695	24.20 ug/l	317741	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	90
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
3	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	87
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	87





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Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW14-20240625

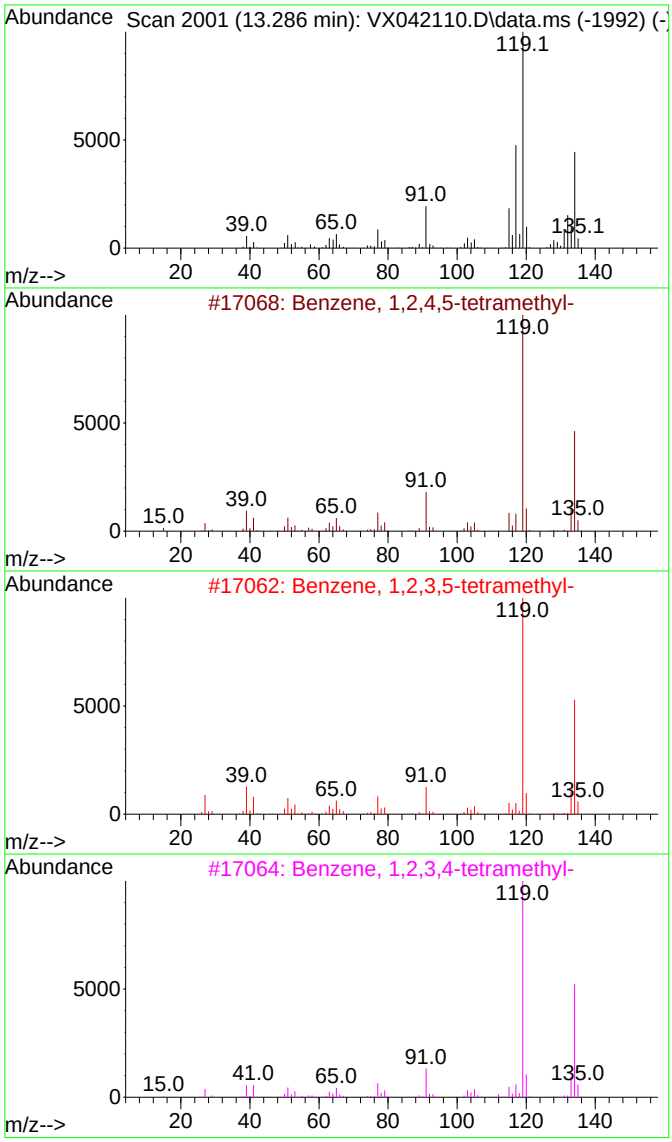
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260

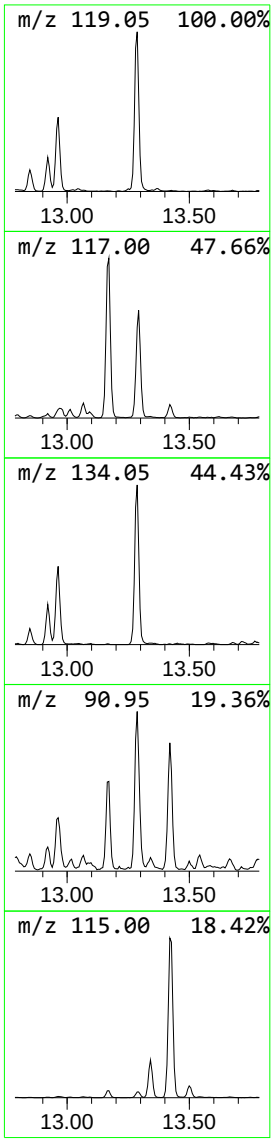
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.286	24.44 ug/l	320926	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	92
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	70
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70
4	o-Cymene	134	C10H14	000527-84-4	70
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	70





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Data File : VX042110.D
Acq On : 01 Jul 2024 13:35
Operator : JC/MD
Sample : P3073-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW14-20240625

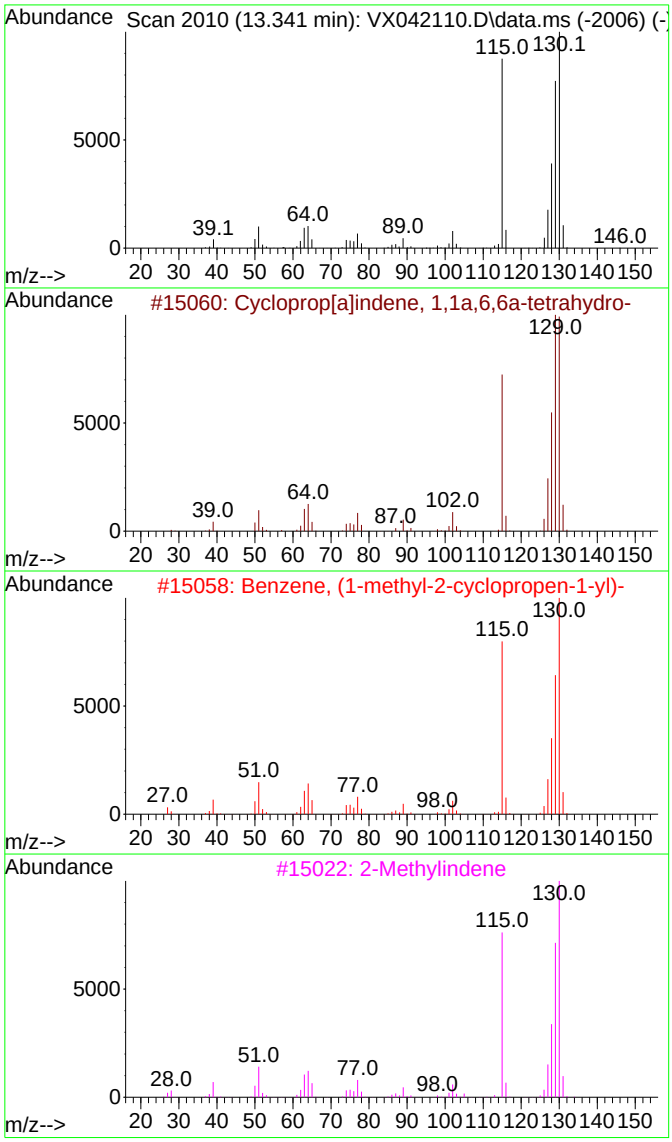
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260

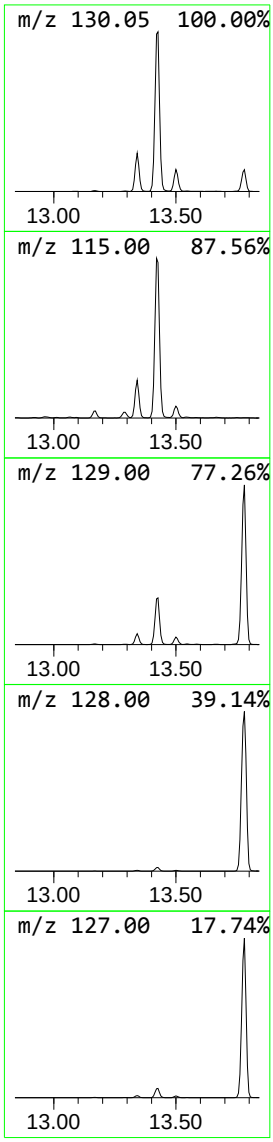
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.341	32.44 ug/l	425964	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	94
3	2-Methylindene	130	C10H10	002177-47-1	94
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	93





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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW14-20240625

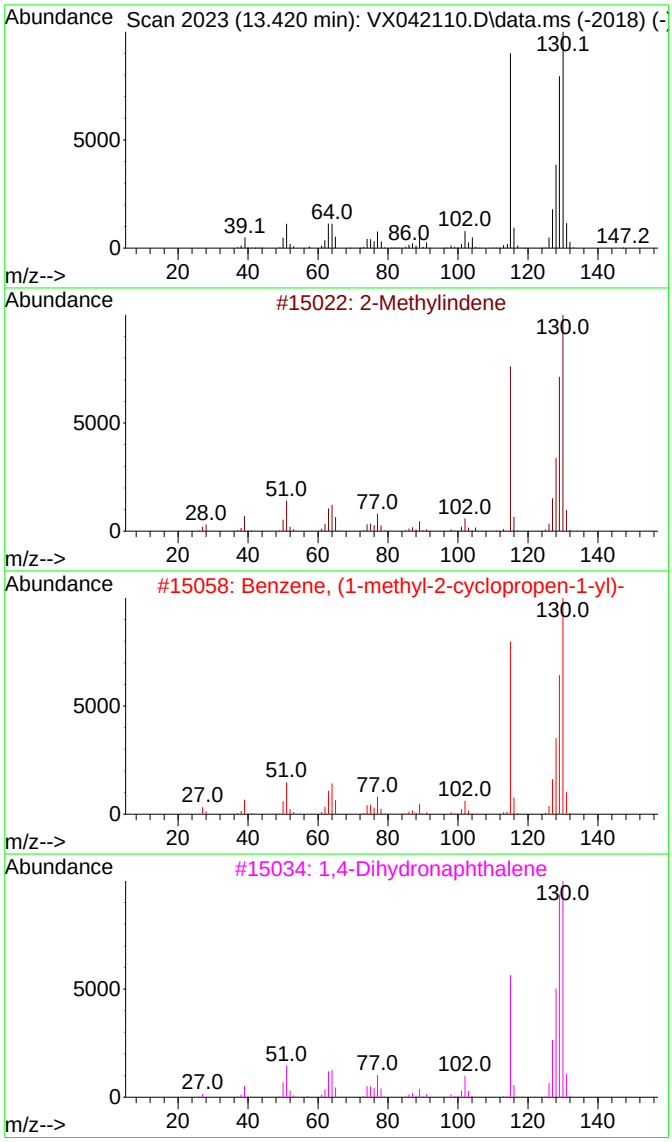
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260

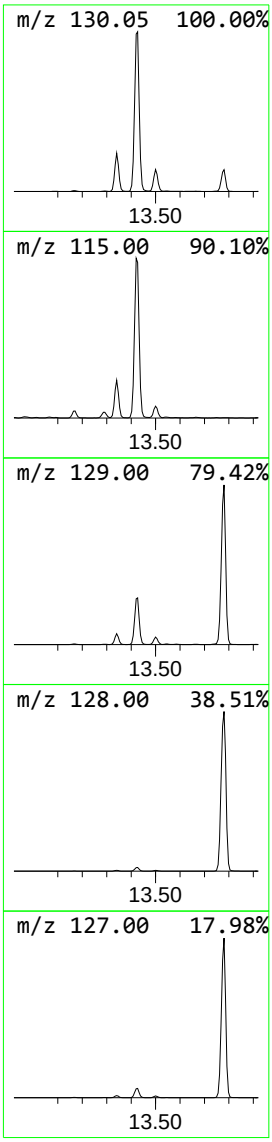
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2-Methylindene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.420	165.16 ug/l	2168630	1,4-Dichlorobenzene-d4	12.024

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	95
3	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
4	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94





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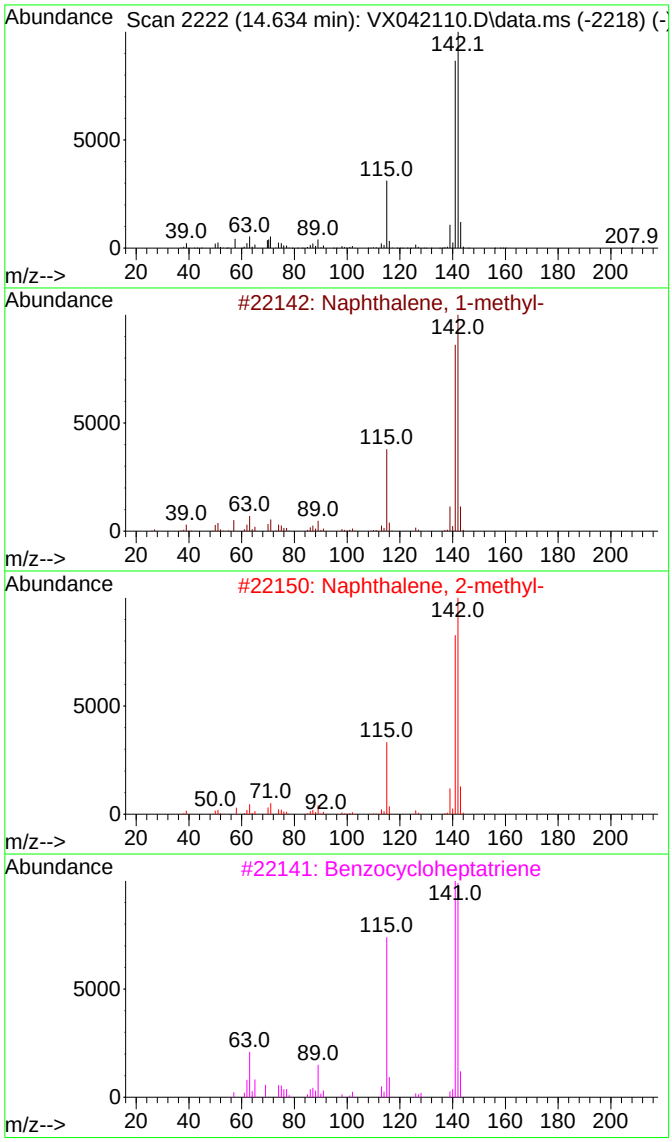
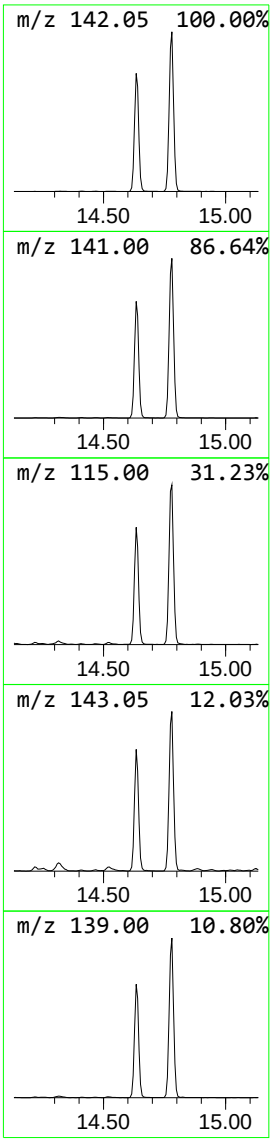
****
Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.634	199.29 ug/l	2616780	1,4-Dichlorobenzene-d4	12.024

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	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64





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ClientSampleId :
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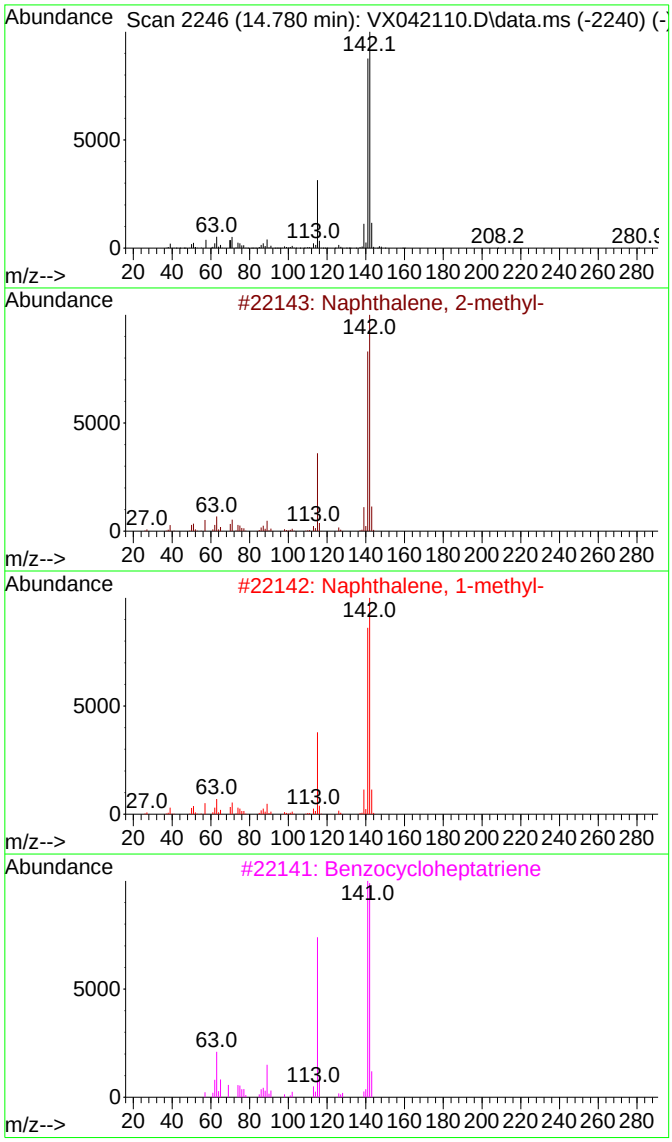
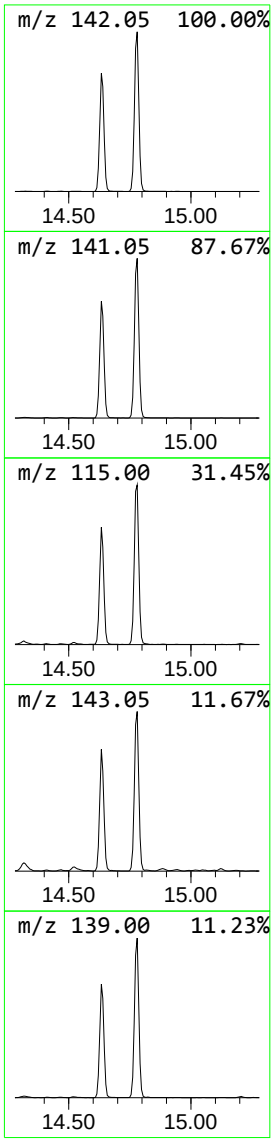
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzocycloheptatriene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.780	286.54 ug/l	3762470	1,4-Dichlorobenzene-d4	12.024

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	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64





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Operator : JC/MD
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW14-20240625

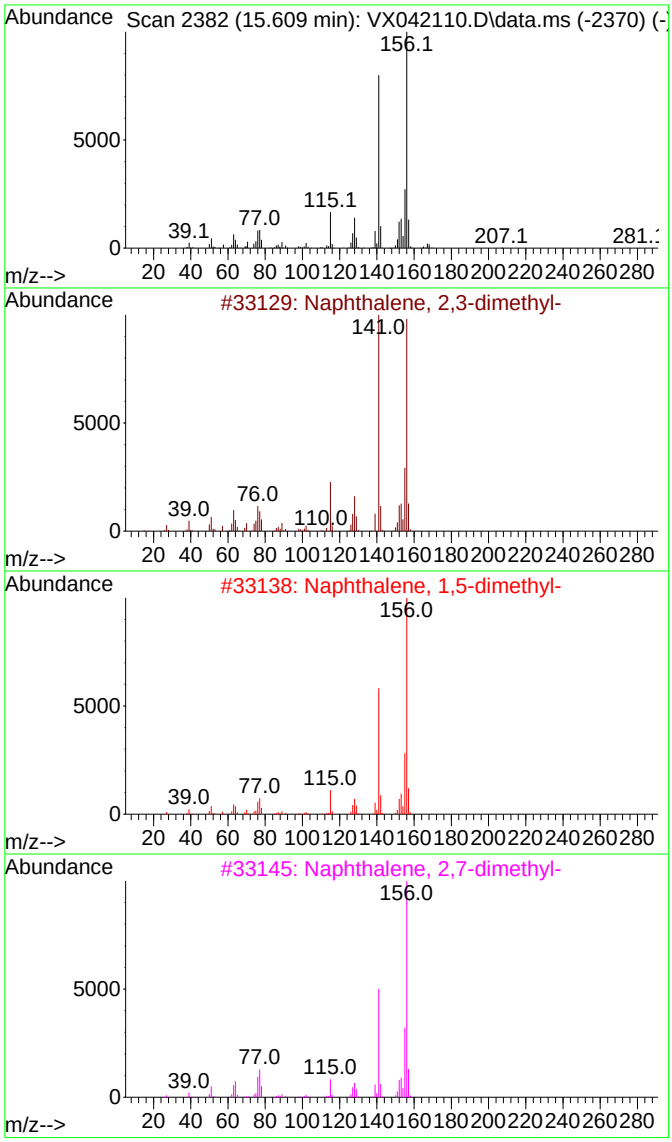
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260

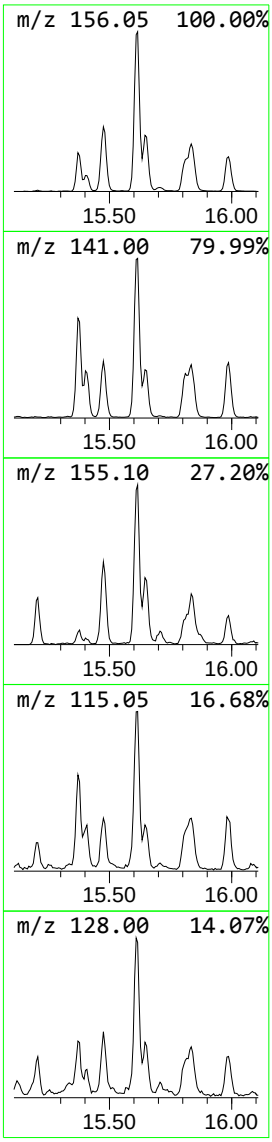
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.609	31.54 ug/l	414144	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





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Data File : VX042110.D
Acq On : 01 Jul 2024 13:35
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW14-20240625

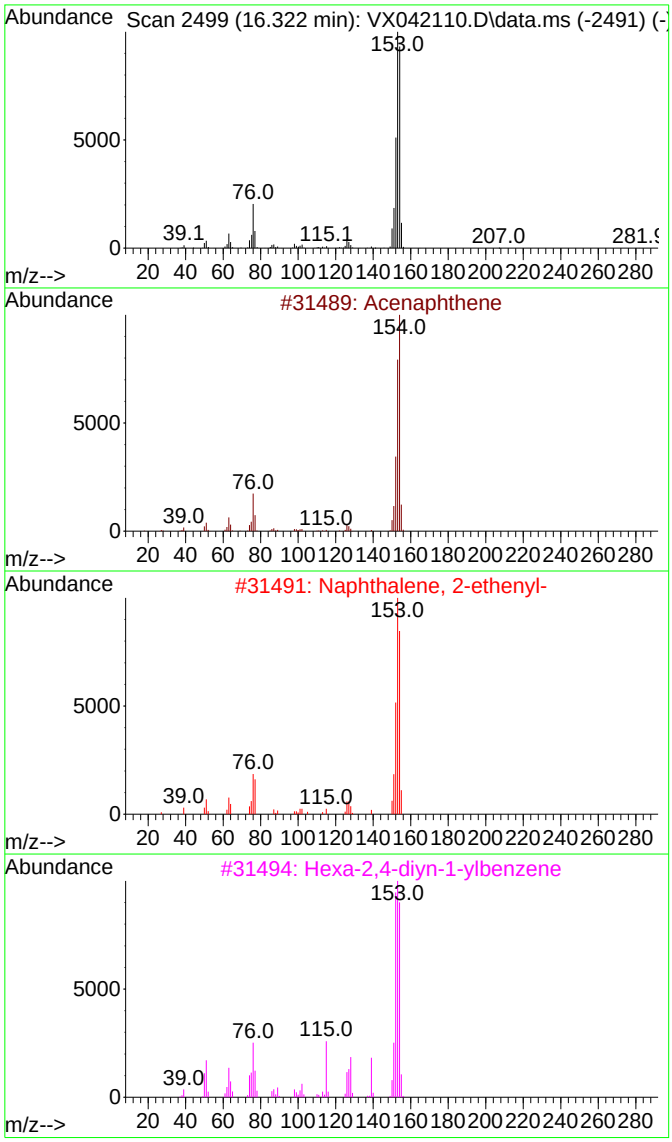
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260

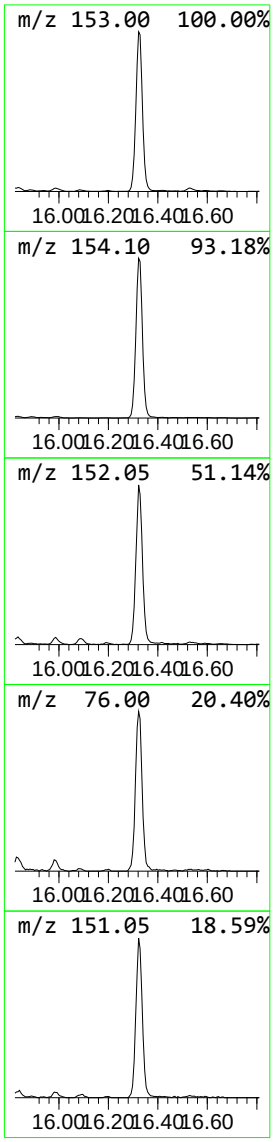
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 2-ethenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.322	51.46 ug/l	675691	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	94
2	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	64
3	Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	59
4	3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	50
5	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070124\
Data File : VX042110.D
Acq On : 01 Jul 2024 13:35
Operator : JC/MD
Sample : P3073-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW14-20240625

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-ethy...	12.085	27.9	ug/l	366525	4	12.024	656536	50.0
Indane	12.244	81.8	ug/l	1073410	4	12.024	656536	50.0
Indan, 1-methyl-	12.695	24.2	ug/l	317741	4	12.024	656536	50.0
Benzene, 1,2,4,...	13.286	24.4	ug/l	320926	4	12.024	656536	50.0
Cycloprop[a]ind...	13.341	32.4	ug/l	425964	4	12.024	656536	50.0
2-Methylindene	13.420	165.2	ug/l	2168630	4	12.024	656536	50.0
Naphthalene, 1-...	14.634	199.3	ug/l	2616780	4	12.024	656536	50.0
Benzocyclohepta...	14.780	286.5	ug/l	3762470	4	12.024	656536	50.0
Naphthalene, 2,...	15.609	31.5	ug/l	414144	4	12.024	656536	50.0
Naphthalene, 2-...	16.322	51.5	ug/l	675691	4	12.024	656536	50.0