LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
Data File : VN074970.D
Acq On : 21 Oct 2022 18:36
Operator : JC\MD
Sample : N5222-16
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-14

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\82N102022W.M
Title : SW846 8260

Signal : TIC: VN074970.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	10.571	1438	1448	1467	rBV	3544986	6750949	1.94%	0.628%
2	11.871	1661	1669	1675	rBV	2155166	3922716	1.12%	0.365%
3	12.700	1802	1810	1825	rVB	8096238	13527133	3.88%	1.259%
4	12.853	1825	1836	1846	rBV	2673064	4851723	1.39%	0.452%
5	13.041	1859	1868	1874	rBV	7819057	12755383	3.66%	1.187%
6	13.135	1874	1884	1888	rVV	4507975	7830528	2.24%	0.729%
7	13.341	1911	1919	1926	rBV	18716141	30545207	8.76%	2.843%
8	13.488	1931	1944	1950	rBV3	68764084	120202700	34.46%	11.189%
9	13.735	1981	1986	1991	rBV3	2754684	4376577	1.25%	0.407%
10	13.823	1991	2001	2010	rBV	24937774	46556279	13.35%	4.334%
11	13.953	2017	2023	2025	rBV	7998773	11863211	3.40%	1.104%
12	14.000	2025	2031	2044	rVB3	50127468	101100991	28.98%	9.411%
13	14.247	2067	2073	2075	rBV	4449665	7078591	2.03%	0.659%
14	14.276	2075	2078	2082	rVV	5280906	7882405	2.26%	0.734%
15	14.329	2082	2087	2094	rVB	11491278	18597726	5.33%	1.731%
16	14.447	2101	2107	2117	rVB	25705289	46656156	13.37%	4.343%
17	14.576	2124	2129	2134	rVB	2526252	3777664	1.08%	0.352%
18	14.659	2134	2143	2145	rBV	3927488	6604282	1.89%	0.615%
19	14.694	2145	2149	2154	rVV	8586742	13224996	3.79%	1.231%
20	14.800	2161	2167	2170	rBV2	2318068	4057466	1.16%	0.378%
21	14.929	2183	2189	2200	rVB	15660439	26659363	7.64%	2.482%
22	15.041	2200	2208	2216	rBV3	13600164	30707406	8.80%	2.858%
23	15.123	2216	2222	2229	rVB	13615846	23517433	6.74%	2.189%
24	15.206	2229	2236	2245	rBV	50452177	93717724	26.87%	8.723%
25	15.312	2245	2254	2261	rBV	9640106	19742387	5.66%	1.838%
26	15.453	2270	2278	2287	rVB4	2265408	5945833	1.70%	0.553%
27	15.647	2302	2311	2324	rVV3	170549033	348839409	100.00%	32.471%
28	15.753	2324	2329	2346	rVB5	1292042	4196440	1.20%	0.391%
29	15.988	2365	2369	2384	rVV	2111762	7967094	2.28%	0.742%
30	16.147	2384	2396	2401	rVV2	3736663	9445719	2.71%	0.879%
31	16.200	2401	2405	2411	rVV3	2992473	7023194	2.01%	0.654%
32	16.282	2411	2419	2436	rVB	5022009	18273175	5.24%	1.701%
33	16.576	2462	2469	2484	rVB	2145089	6116347	1.75%	0.569%

Sum of corrected areas: 1074314207

LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
Data File : VN074970.D
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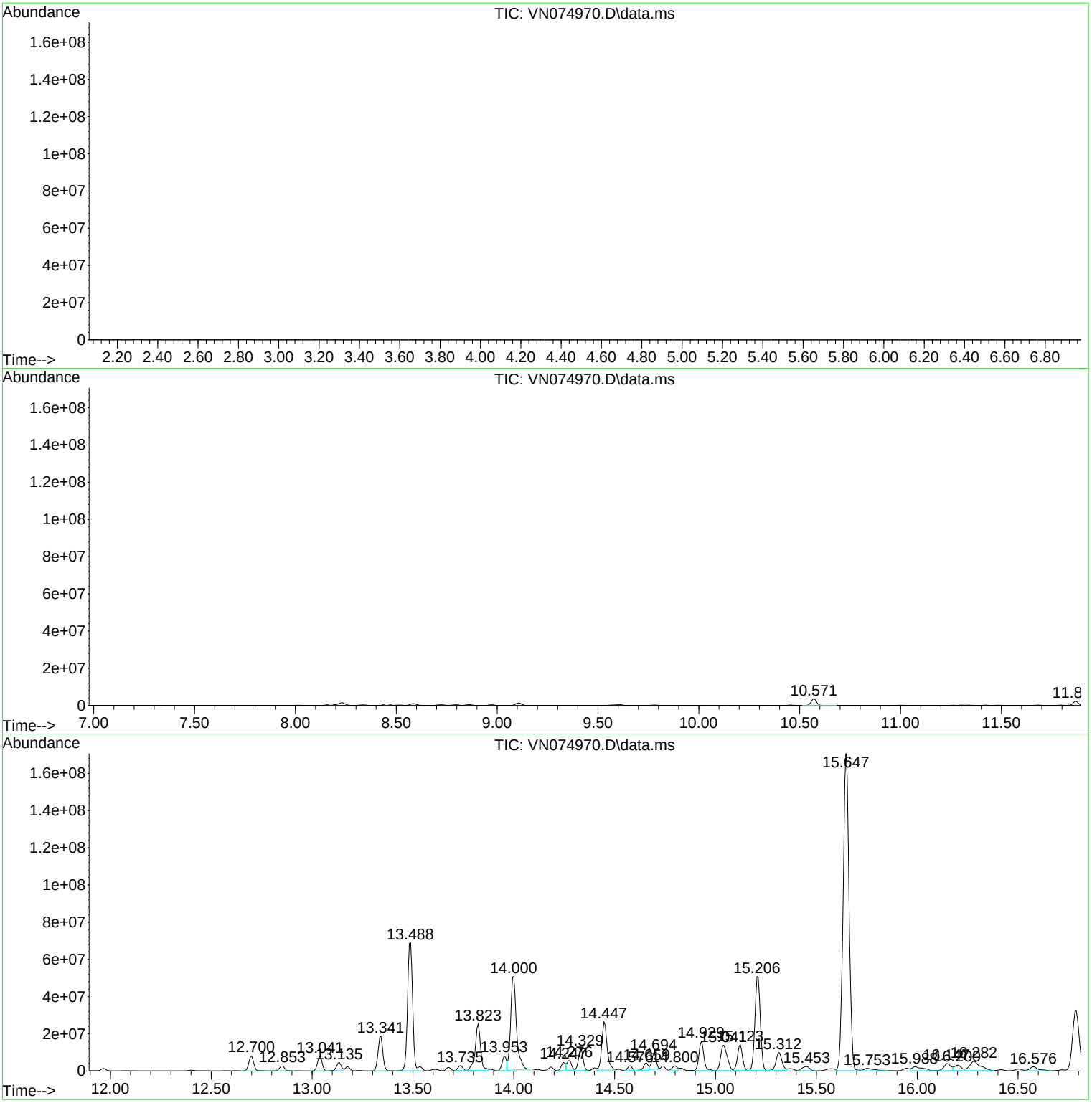
Operator : JC\MD
Sample : N5222-16
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-14

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
Quant Title : SW846 8260

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



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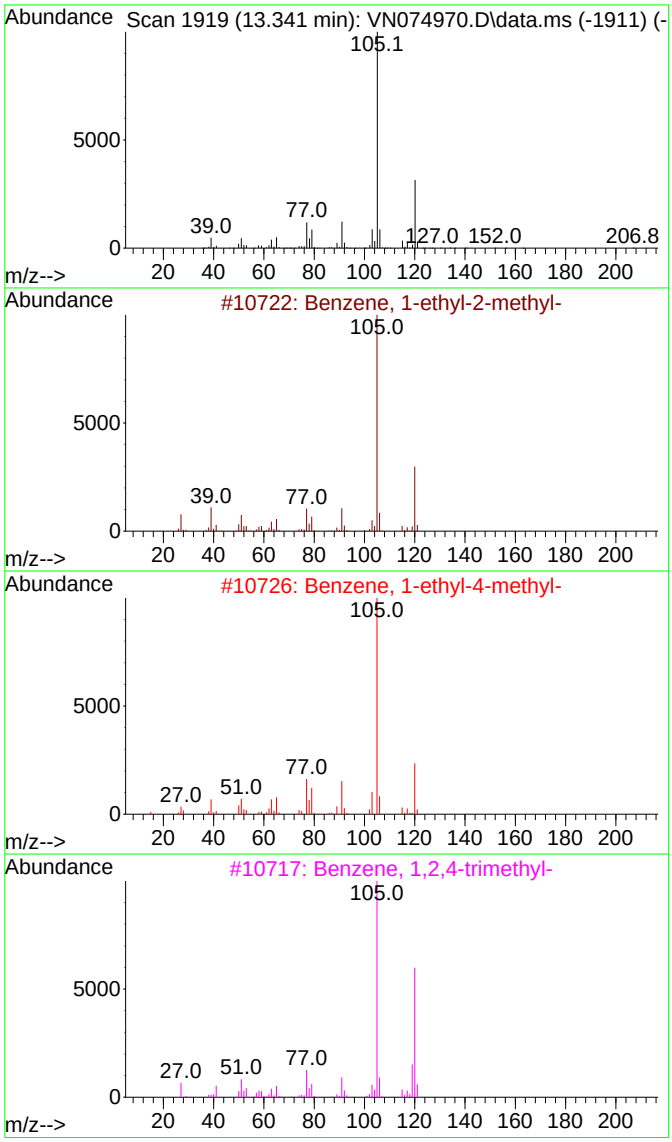
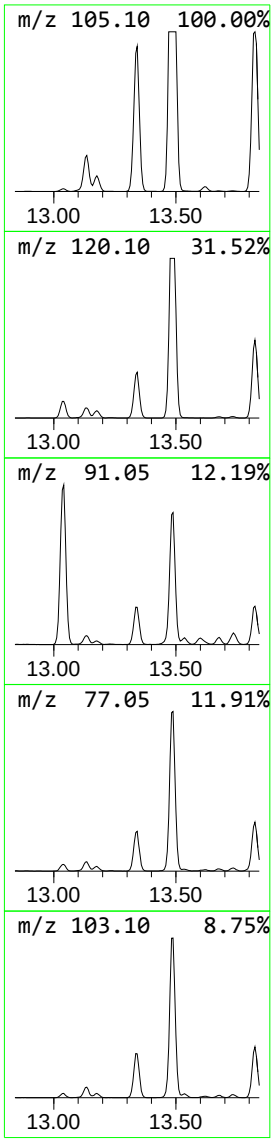
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.341	32.80 ug/l	30545200	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5	Mesitylene	120	C9H12	000108-67-8	90





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Operator : JC\MD
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ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-14

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
Quant Title : SW846 8260

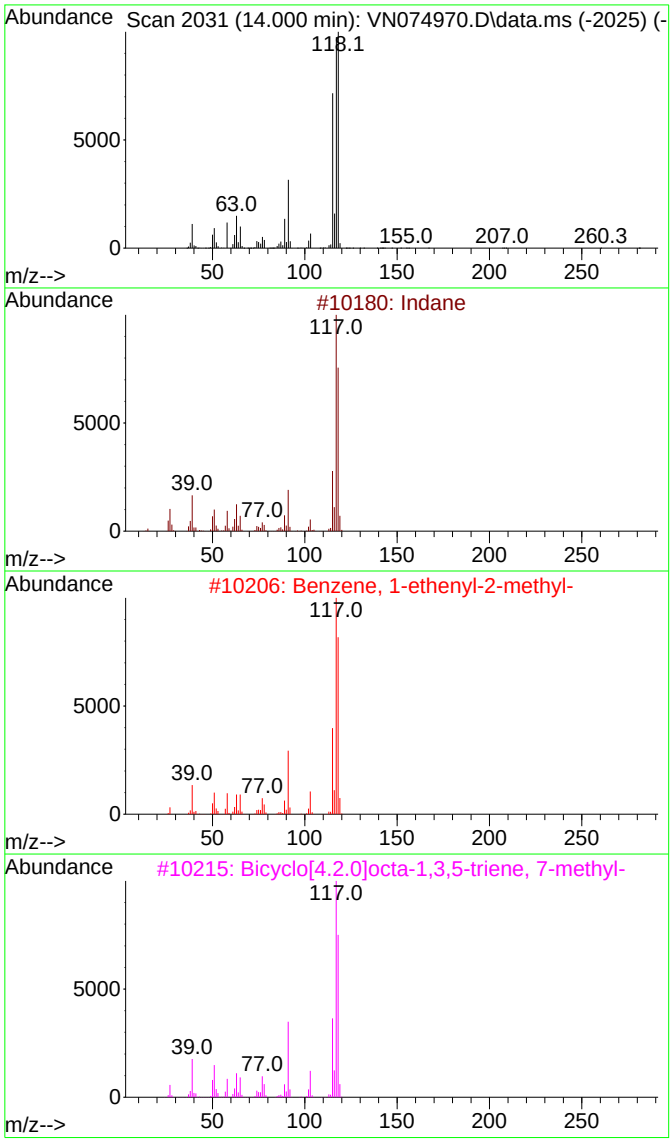
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

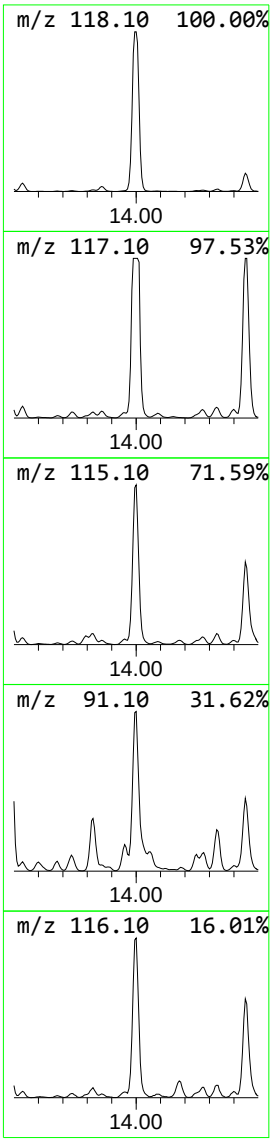
****

Peak Number 2 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.000	108.58 ug/l	101101000	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	90
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	74
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	72
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	72





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Data File : VN074970.D
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Operator : JC\MD
Sample : N5222-16
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-14

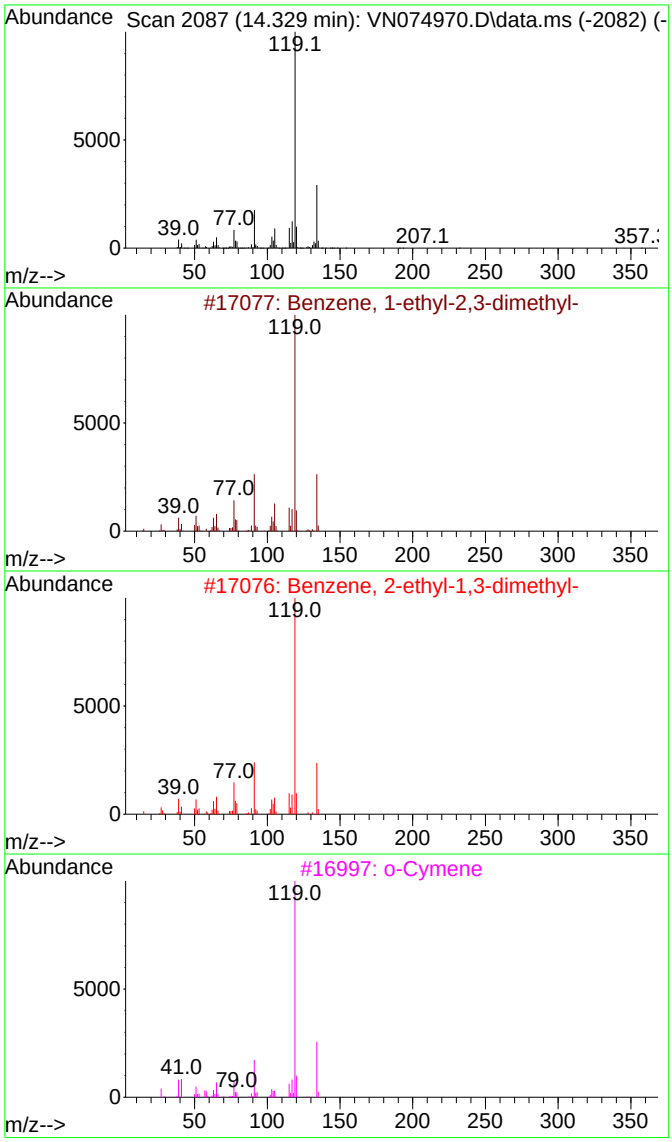
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
Quant Title : SW846 8260

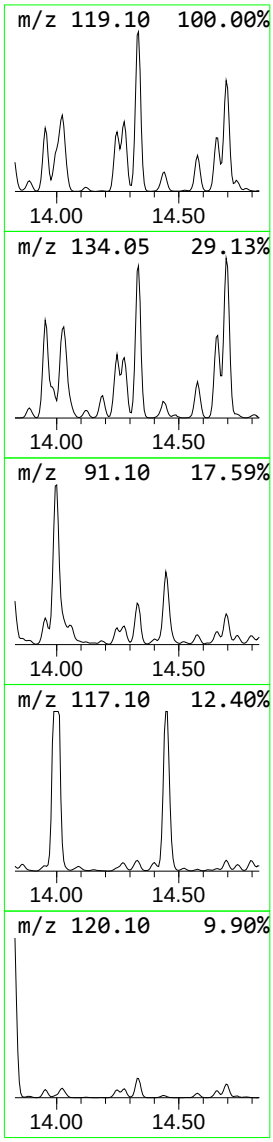
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.329	19.97 ug/l	18597700	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





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ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-14

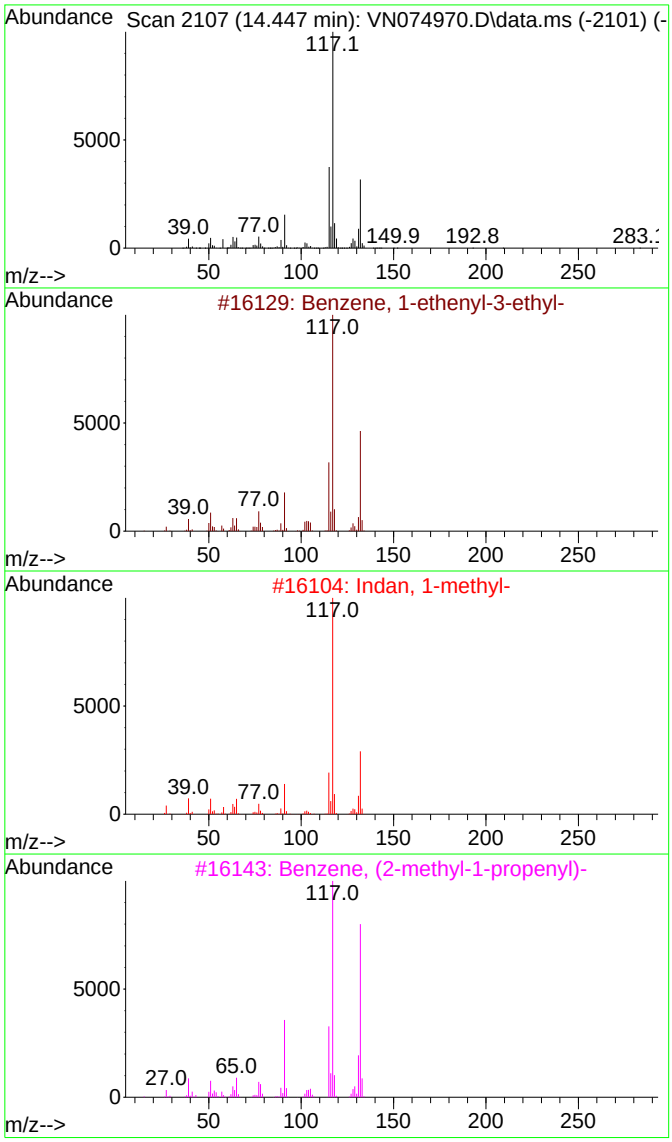
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
Quant Title : SW846 8260

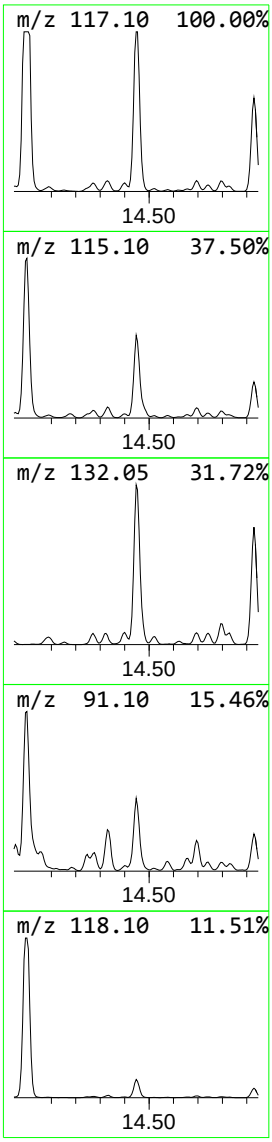
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.447	50.11 ug/l	46656200	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	80
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	80





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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-14

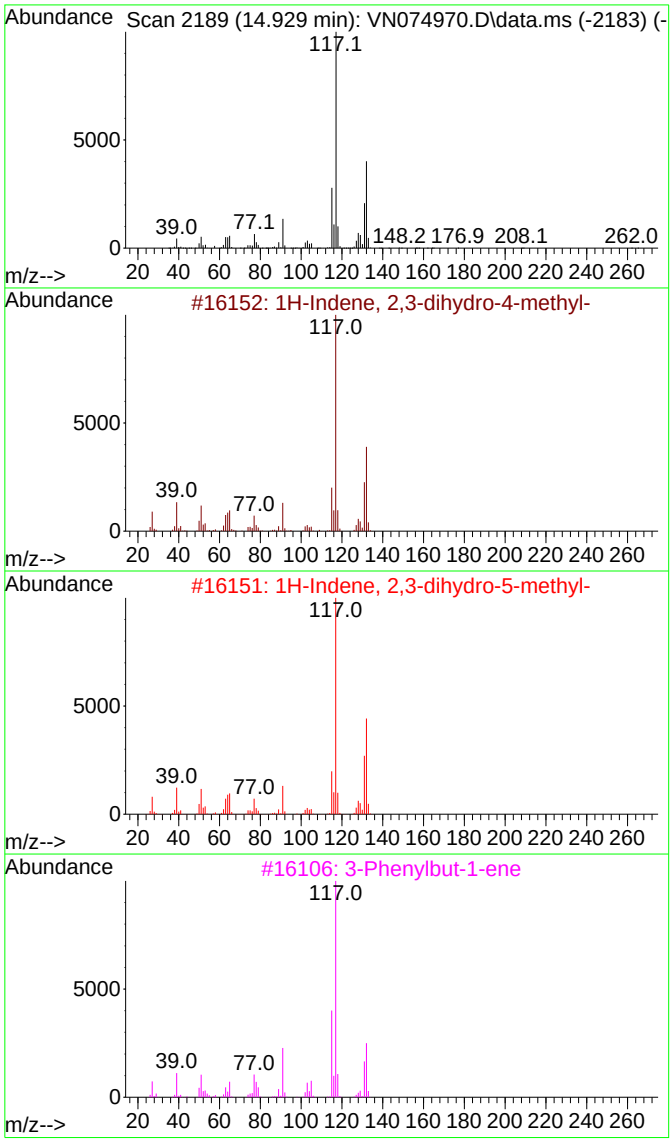
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
Quant Title : SW846 8260

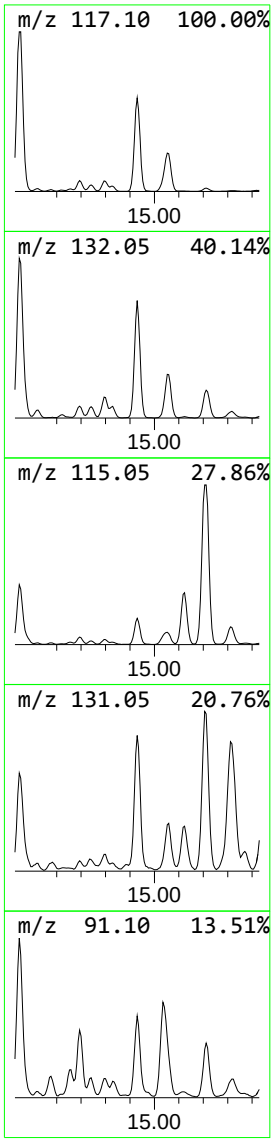
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.929	28.63 ug/l	26659400	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	91
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87





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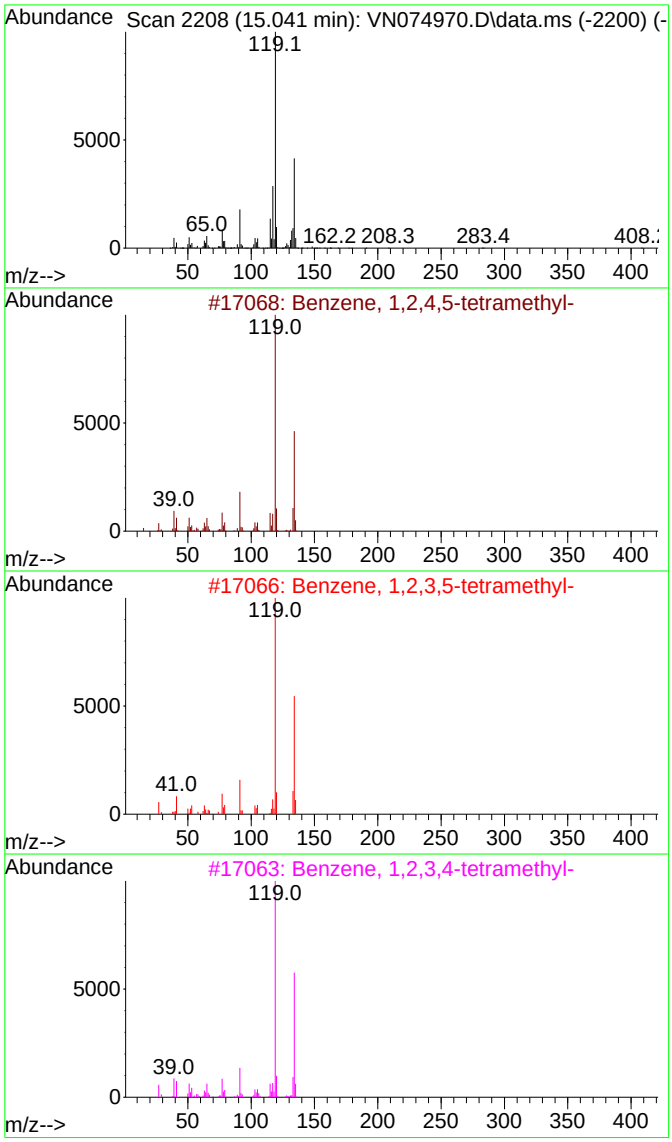
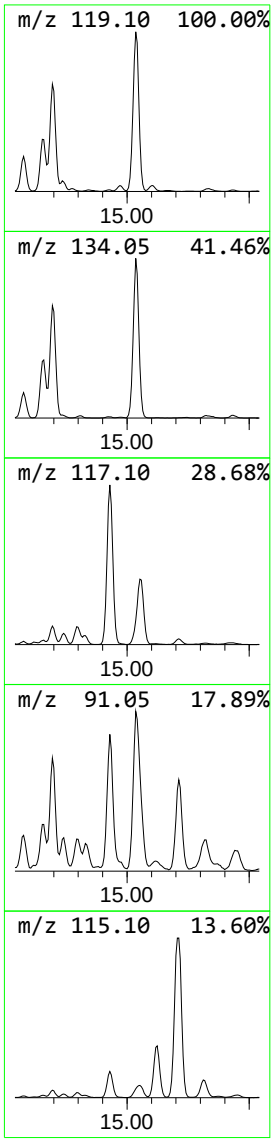
****
Peak Number 6 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.041	32.98 ug/l	30707400	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	87
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87





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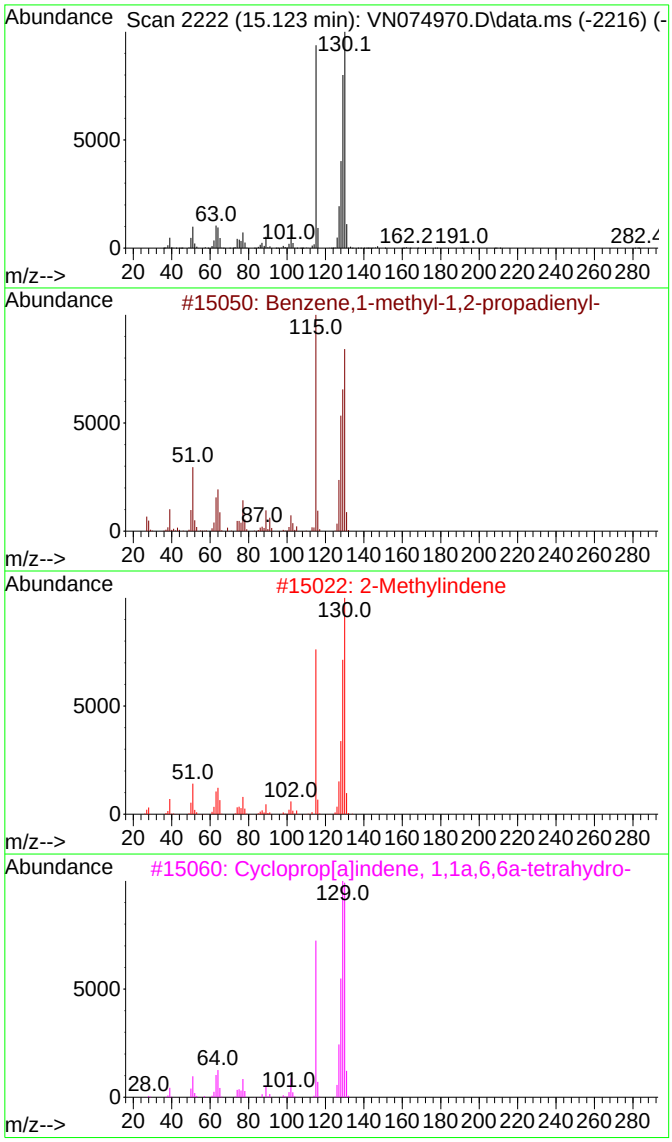
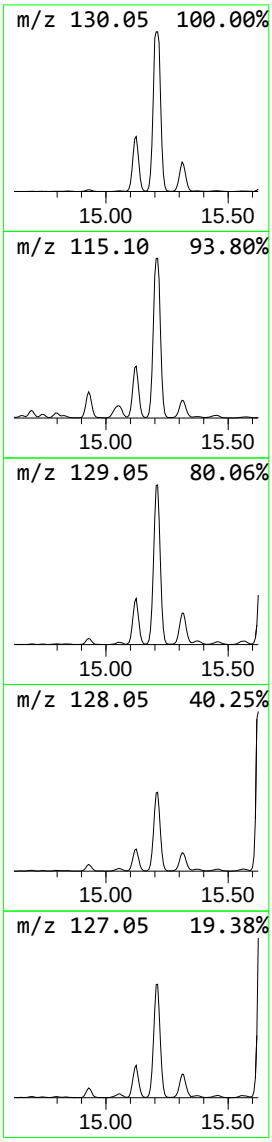
****
Peak Number 7 Benzene,1-methyl-1,2-propad... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.123	25.26 ug/l	23517400	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
2	2-Methylindene	130	C10H10	002177-47-1	94
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	93
5	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	93





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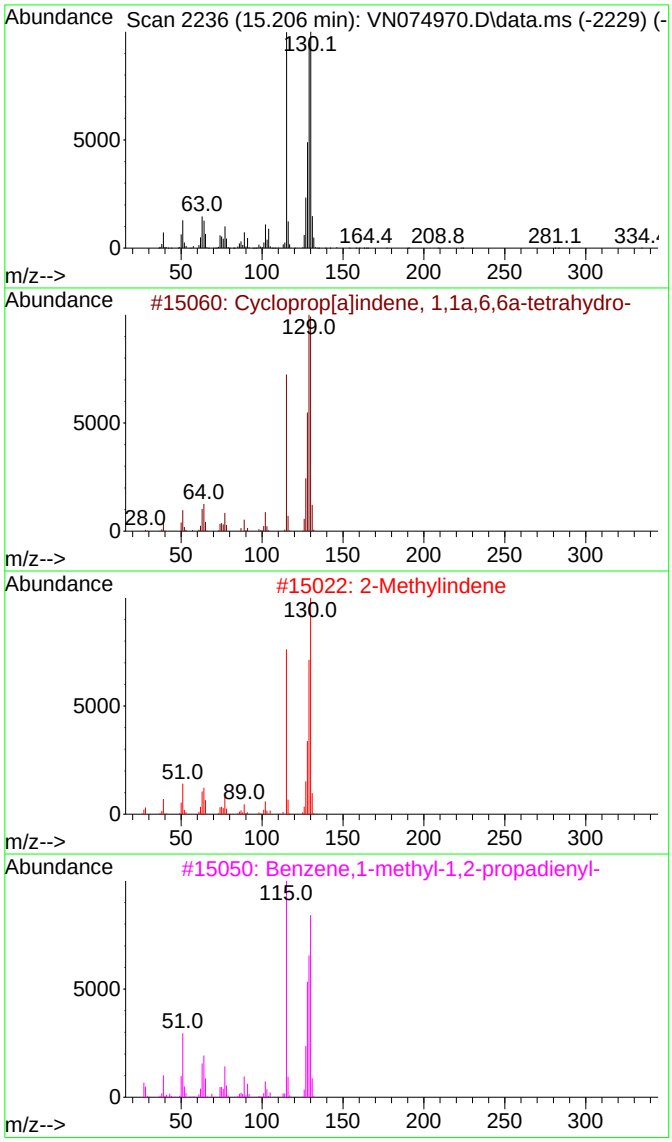
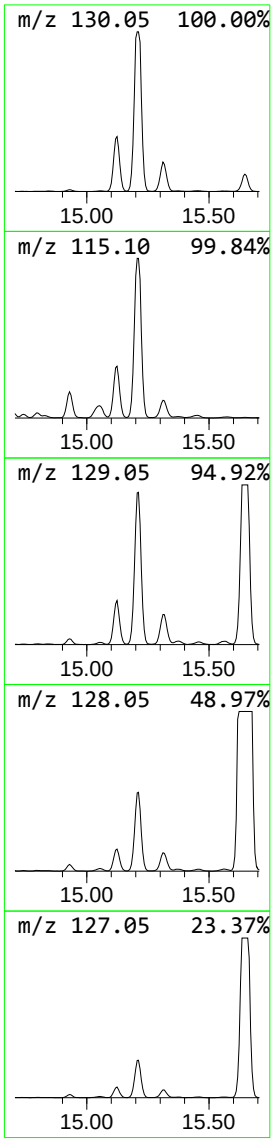
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.206	100.65 ug/l	93717700	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	96
2	2-Methylindene	130	C10H10	002177-47-1	94
3	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	93
5	2a,4a,6a,6b-Tetrahydrocyclopenta...	130	C10H10	006053-74-3	91





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TIC Library : C:\Database\NIST20.L
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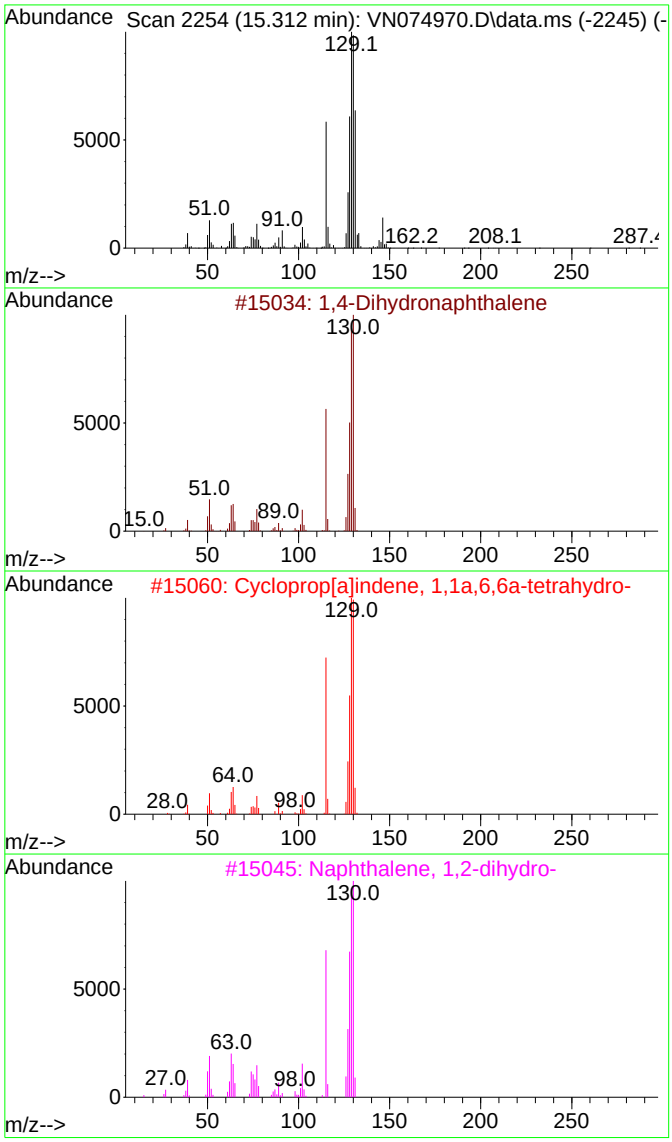
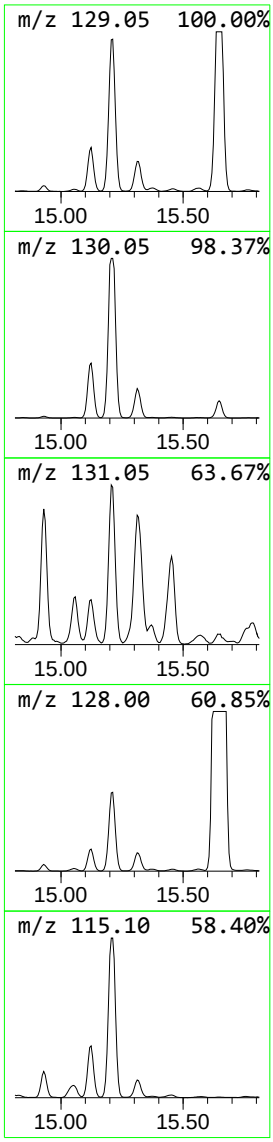
****
Peak Number 9 1,4-Dihydronaphthalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.312	21.20 ug/l	19742400	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
2	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93
3	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	91
4	2a,4a,6a,6b-Tetrahydrocyclopenta...	130	C10H10	006053-74-3	70
5	Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130	C10H10	034324-40-8	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
Data File : VN074970.D
Acq On : 21 Oct 2022 18:36
Operator : JC\MD
Sample : N5222-16
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-14

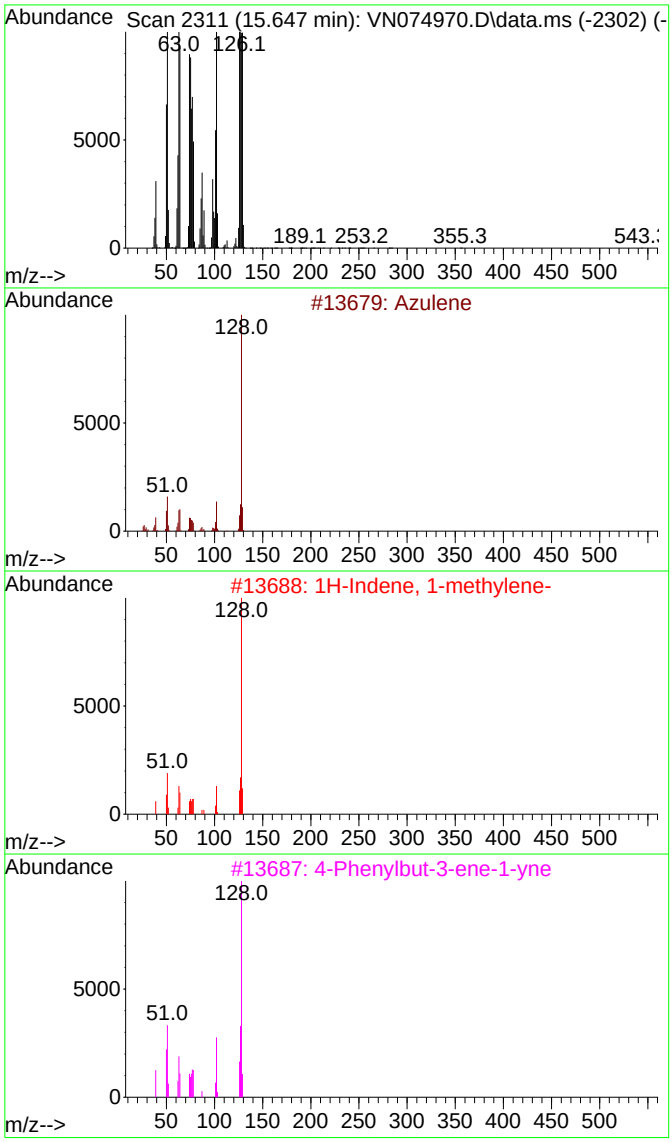
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
Quant Title : SW846 8260

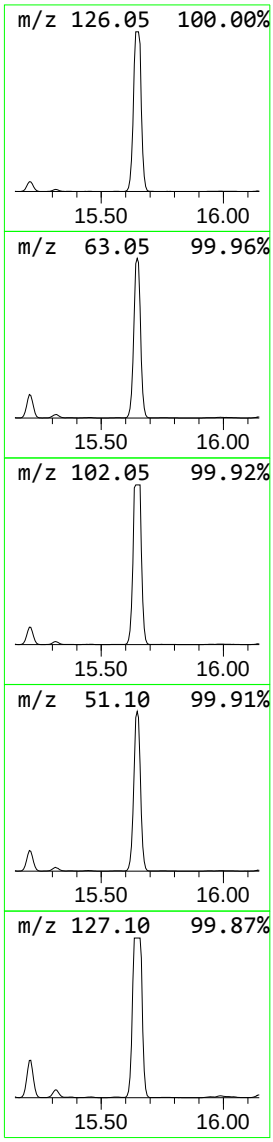
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Indene, 1-methylene- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.647	374.64 ug/l	348839000	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene	128	C10H8	000275-51-4	95
2	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	60
3	4-Phenylbut-3-ene-1-yne	128	C10H8	1000222-12-0	46
4	Naphthalene	128	C10H8	000091-20-3	43
5	Isoquinoline	129	C9H7N	000119-65-3	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
Data File : VN074970.D
Acq On : 21 Oct 2022 18:36
Operator : JC\MD
Sample : N5222-16
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-14

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.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...	13.341	32.8	ug/l	30545200	4	13.794	46556300	50.0
Indane	14.000	108.6	ug/l	101101000	4	13.794	46556300	50.0
Benzene, 1-ethy...	14.329	20.0	ug/l	18597700	4	13.794	46556300	50.0
Benzene, 1-ethe...	14.447	50.1	ug/l	46656200	4	13.794	46556300	50.0
1H-Indene, 2,3-...	14.929	28.6	ug/l	26659400	4	13.794	46556300	50.0
Benzene, 1,2,4,...	15.041	33.0	ug/l	30707400	4	13.794	46556300	50.0
Benzene,1-methy...	15.123	25.3	ug/l	23517400	4	13.794	46556300	50.0
Cycloprop[a]ind...	15.206	100.7	ug/l	93717700	4	13.794	46556300	50.0
1,4-Dihydronaph...	15.312	21.2	ug/l	19742400	4	13.794	46556300	50.0
1H-Indene, 1-me...	15.647	374.6	ug/l	348839000	4	13.794	46556300	50.0