LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085732.D
Acq On : 10 Feb 2025 18:35
Operator : JC\MD
Sample : Q1331-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1R

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\82N011425W.M
Title : SW846 8260

Signal : TIC: VN085732.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.165	1046	1056	1060	rBV	205186	481194	18.03%	1.898%
2	8.224	1060	1066	1083	rVB	319563	734434	27.51%	2.897%
3	8.577	1116	1126	1135	rBV2	218134	496588	18.60%	1.959%
4	9.100	1204	1215	1223	rBV	492898	1004550	37.63%	3.963%
5	9.177	1223	1228	1235	rVB2	16548	33615	1.26%	0.133%
6	10.565	1455	1464	1481	rBV	751461	1353502	50.70%	5.340%
7	11.865	1676	1685	1698	rBV	633327	1128211	42.26%	4.451%
8	11.988	1698	1706	1713	rVB6	15371	37782	1.42%	0.149%
9	12.694	1821	1826	1840	rVB	45886	89302	3.35%	0.352%
10	12.847	1845	1852	1860	rBV	507403	840765	31.50%	3.317%
11	13.029	1876	1883	1888	rVB4	13445	29148	1.09%	0.115%
12	13.612	1971	1982	1987	rBV2	57025	120013	4.50%	0.473%
13	13.788	2005	2012	2022	rBV	581871	988478	37.03%	3.900%
14	13.882	2022	2028	2033	rBV	37707	67577	2.53%	0.267%
15	13.947	2033	2039	2042	rBV	169194	263550	9.87%	1.040%
16	13.994	2042	2047	2052	rVV	395355	609271	22.82%	2.404%
17	14.112	2062	2067	2078	rBV	143537	249301	9.34%	0.984%
18	14.329	2097	2104	2109	rBV	423133	654935	24.53%	2.584%
19	14.394	2109	2115	2118	rBV	161049	276184	10.35%	1.090%
20	14.441	2118	2123	2130	rVB2	654637	1102235	41.29%	4.348%
21	14.506	2130	2134	2139	rBV6	26341	43849	1.64%	0.173%
22	14.576	2142	2146	2149	rBV	27502	34542	1.29%	0.136%
23	14.653	2150	2159	2168	rVB	319811	616498	23.09%	2.432%
24	14.729	2168	2172	2176	rBV	66064	95151	3.56%	0.375%
25	14.800	2176	2184	2188	rBV3	51213	109754	4.11%	0.433%
26	14.876	2188	2197	2200	rBV2	80011	208246	7.80%	0.822%
27	14.923	2200	2205	2210	rBV2	399234	659252	24.70%	2.601%
28	15.047	2217	2226	2232	rBV2	1307935	2669500	100.00%	10.531%
29	15.094	2232	2234	2243	rVB3	93541	208656	7.82%	0.823%
30	15.312	2260	2271	2276	rBV	335884	830789	31.12%	3.278%
31	15.359	2276	2279	2284	rVV	206176	360807	13.52%	1.423%
32	15.435	2284	2292	2301	rVB4	432093	1064280	39.87%	4.199%
33	15.588	2312	2318	2323	rBV3	74737	140451	5.26%	0.554%
34	15.694	2329	2336	2341	rBV	381481	750349	28.11%	2.960%
35	15.776	2341	2350	2369	rVB4	395605	1539443	57.67%	6.073%
36	15.941	2370	2378	2386	rBV2	266157	575494	21.56%	2.270%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
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Operator : JC\MD
Sample : Q1331-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1R

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\82N011425W.M
Title : SW846 8260

37	16.029	2387	2393	2397	rVV7	38462	86793	3.25%	0.342%
38	16.123	2400	2409	2410	rVV2	253114	516109	19.33%	2.036%
39	16.159	2411	2415	2425	rVV	490300	1107647	41.49%	4.370%
40	16.253	2426	2431	2437	rVV	108606	255710	9.58%	1.009%
41	16.341	2438	2446	2461	rVB3	215079	697623	26.13%	2.752%
42	16.500	2464	2473	2483	rBV	574397	1358880	50.90%	5.361%
43	16.706	2498	2508	2515	rBV2	285057	707054	26.49%	2.789%
44	16.776	2515	2520	2522	rBV3	88373	150432	5.64%	0.593%

Sum of corrected areas: 25347944

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ALS Vial : 18 Sample Multiplier: 1

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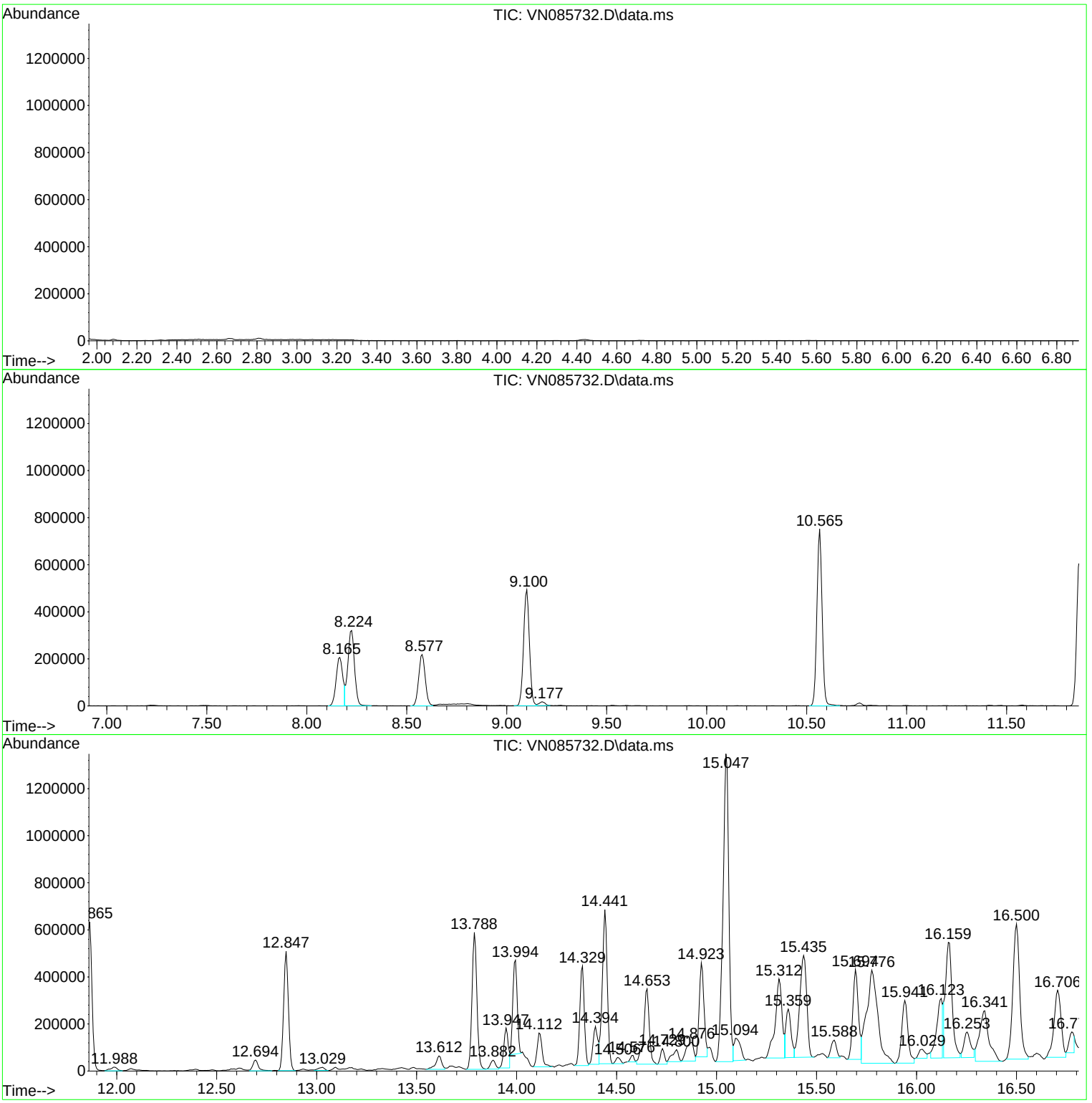
ClientSampleId :
MW1R

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260

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



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Data File : VN085732.D
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ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
MW1R

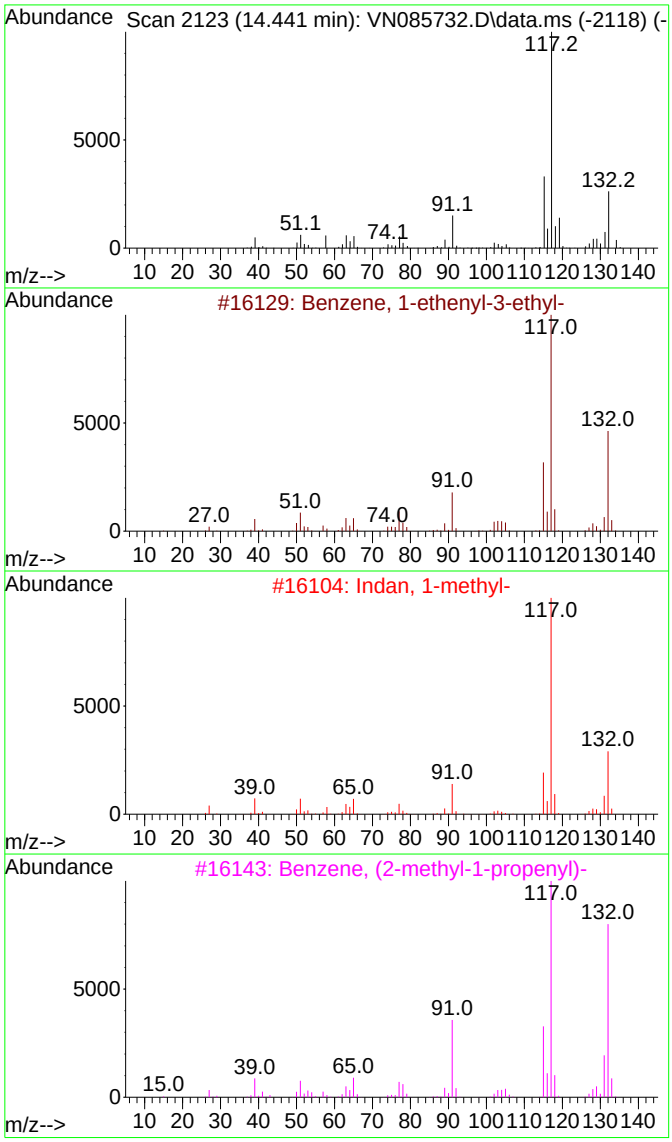
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260

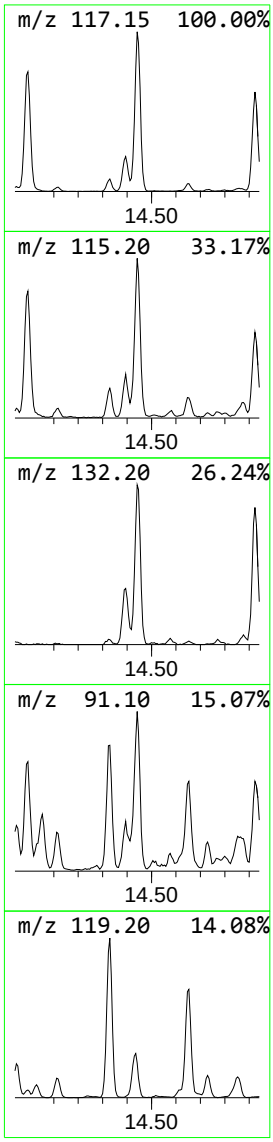
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.441	55.75 ug/l	1102240	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	83
2	Indan, 1-methyl-	132	C10H12	000767-58-8	81
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	78
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	72
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	72





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ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1R

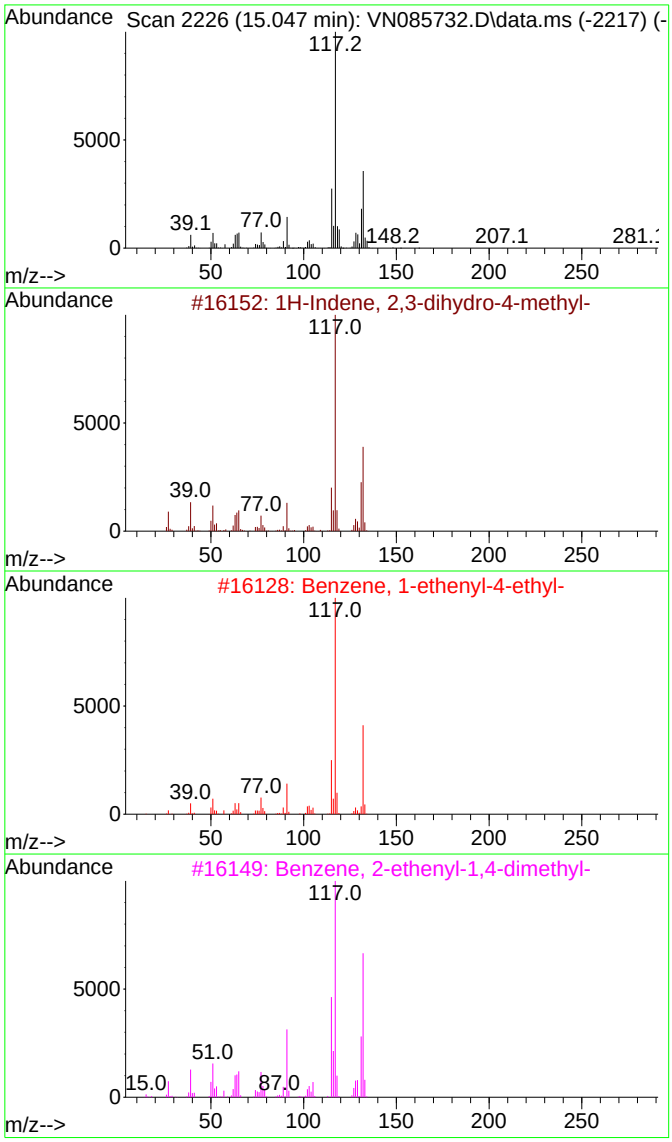
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260

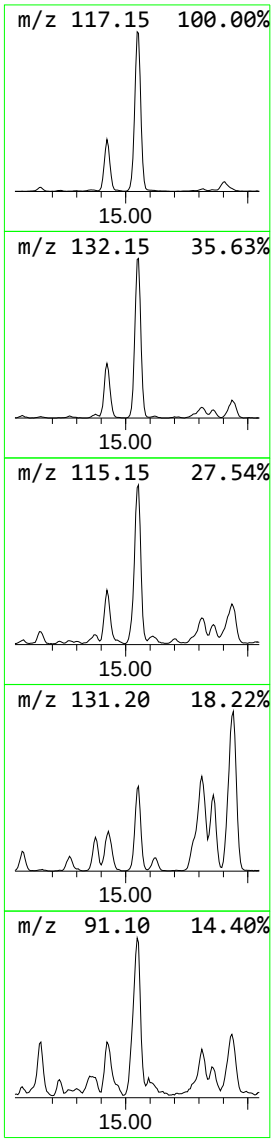
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.047	135.03 ug/l	2669500	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90





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Data File : VN085732.D
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Operator : JC\MD
Sample : Q1331-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1R

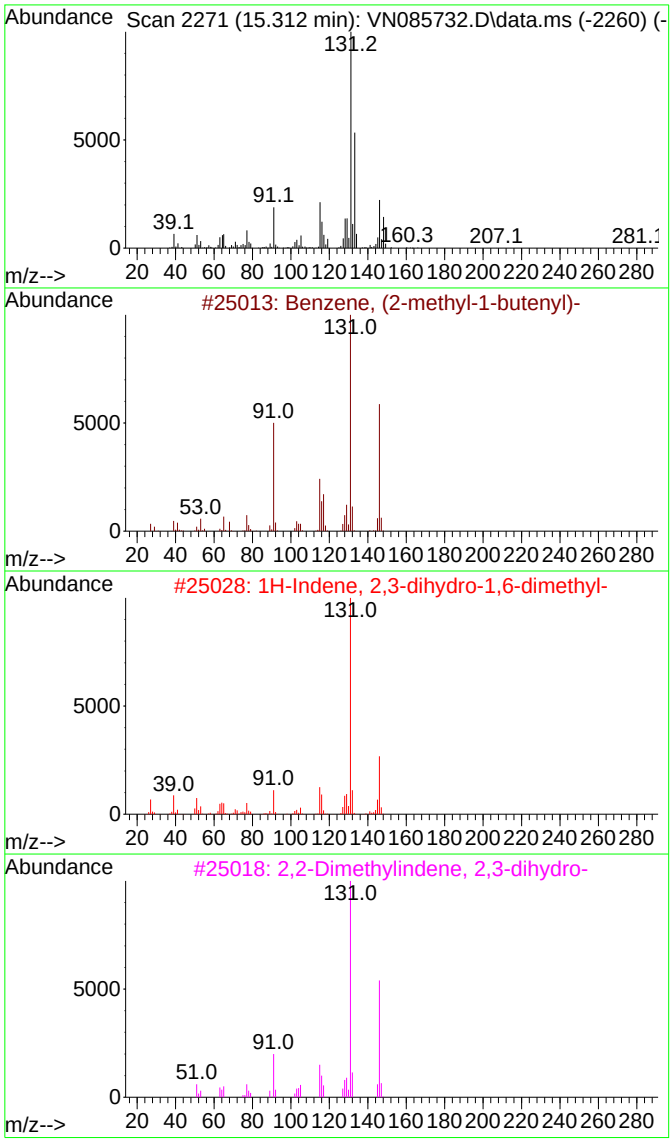
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260

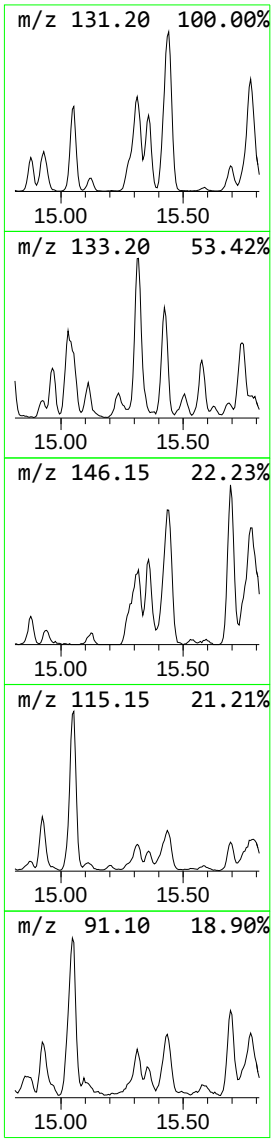
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, (2-methyl-1-butenyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.312	42.02 ug/l	830789	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	89
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	89
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	89
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	86
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76





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Data File : VN085732.D
Acq On : 10 Feb 2025 18:35
Operator : JC\MD
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1R

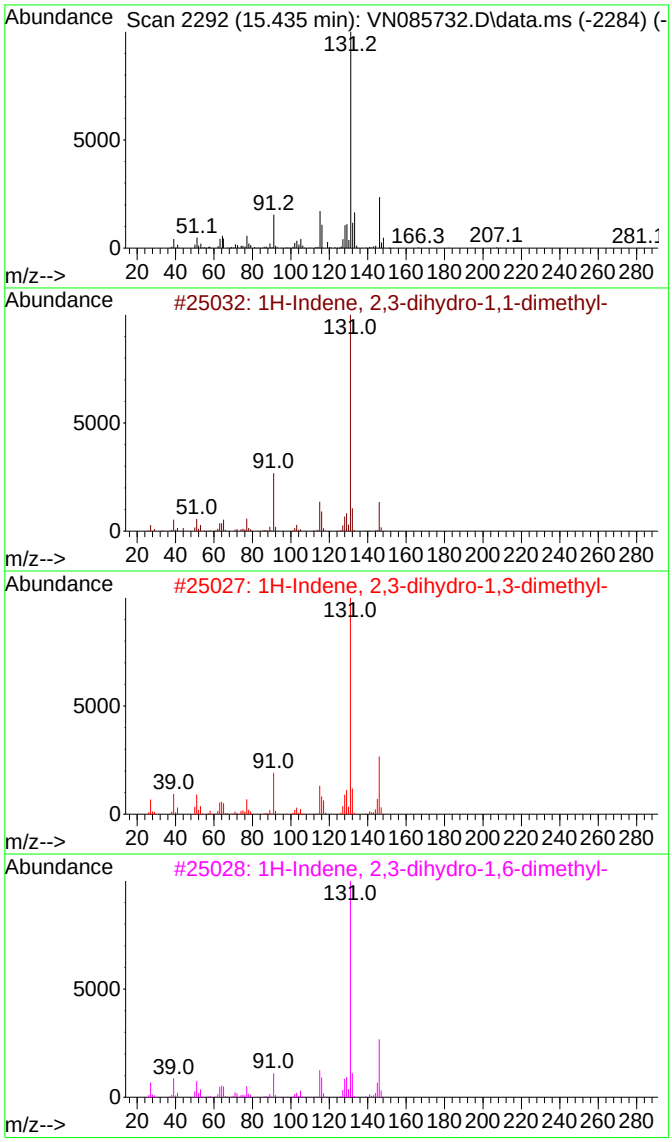
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260

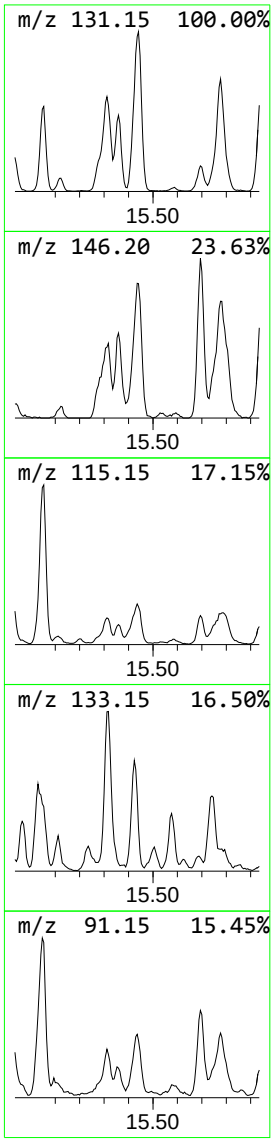
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.435	53.83 ug/l	1064280	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	90
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	87





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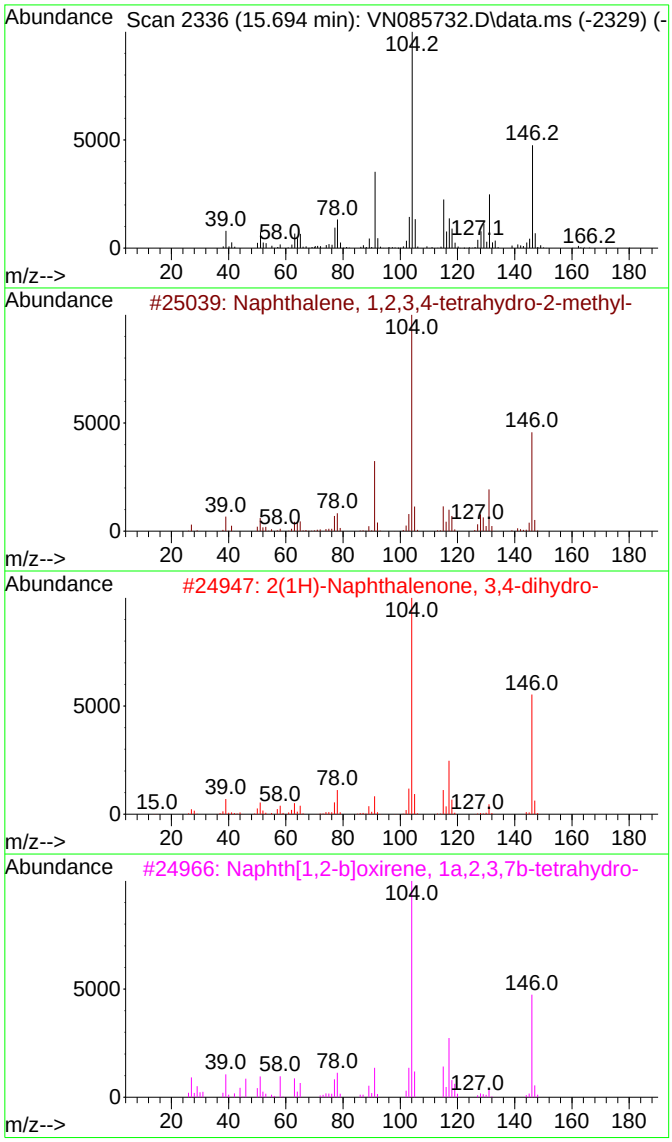
Quant Title : SW846 8260

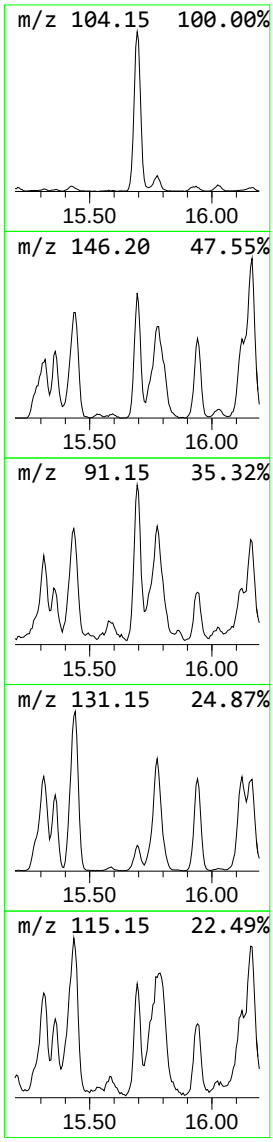
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.694	37.95 ug/l	750349	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	96
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	62
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-92-1	43
5	2-Azetidinone, 4-phenyl-	147	C9H9NO	005661-55-2	43





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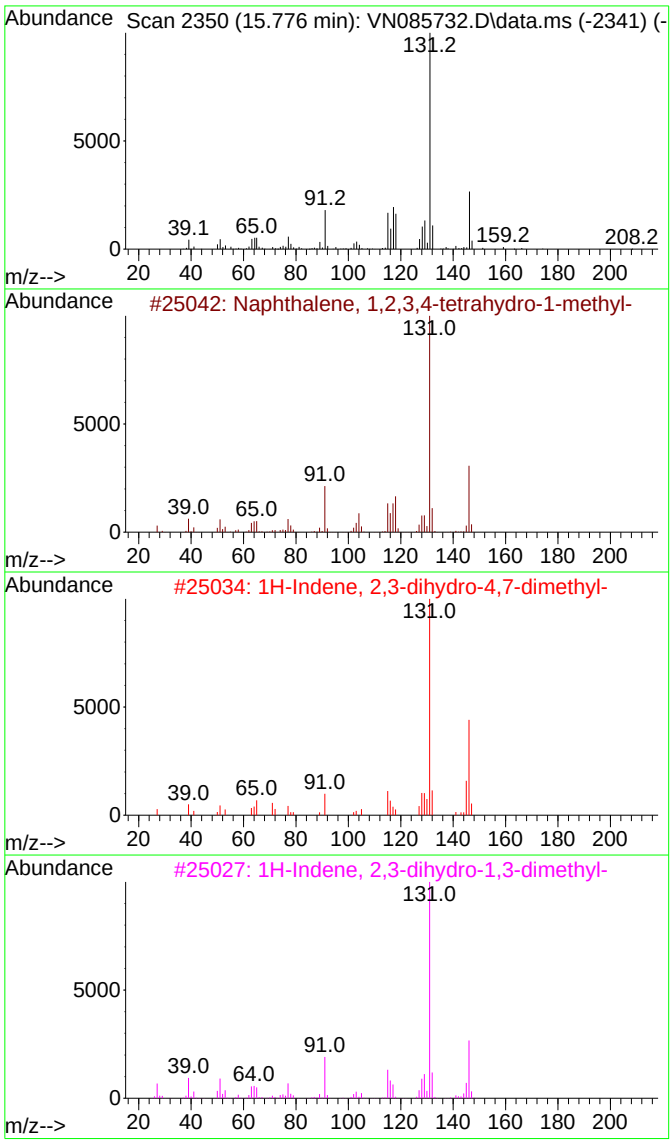
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260

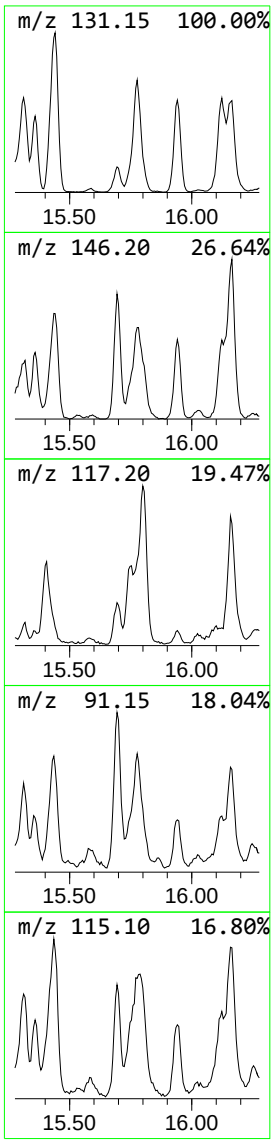
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.776	77.87 ug/l	1539440	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87





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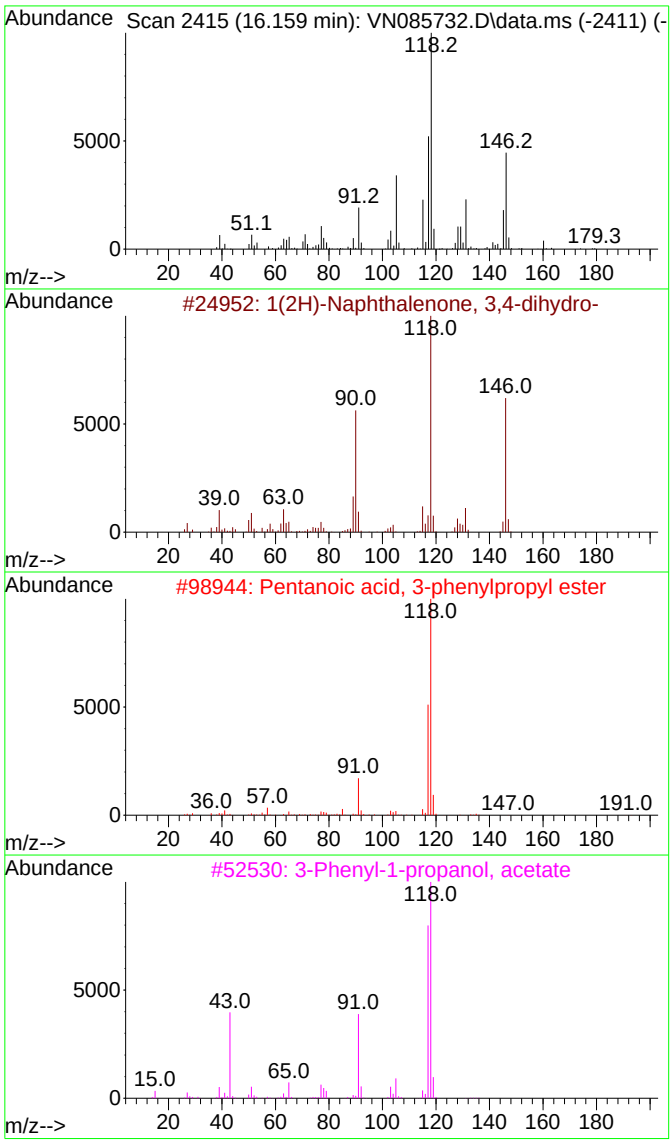
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260

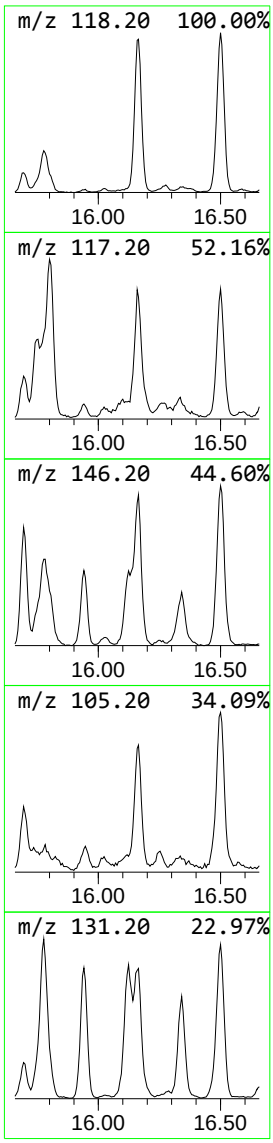
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.159	56.03 ug/l	1107650	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000529-34-0	50
2	Pentanoic acid, 3-phenylpropyl e...	220	C14H20O2	005451-88-7	38
3	3-Phenyl-1-propanol, acetate	178	C11H14O2	000122-72-5	38
4	Propanoic acid, 2-methyl-, 3-phe...	206	C13H18O2	000103-58-2	38
5	2-Ethylbutyric acid, 3-phenylpro...	234	C15H22O2	1000369-67-0	38





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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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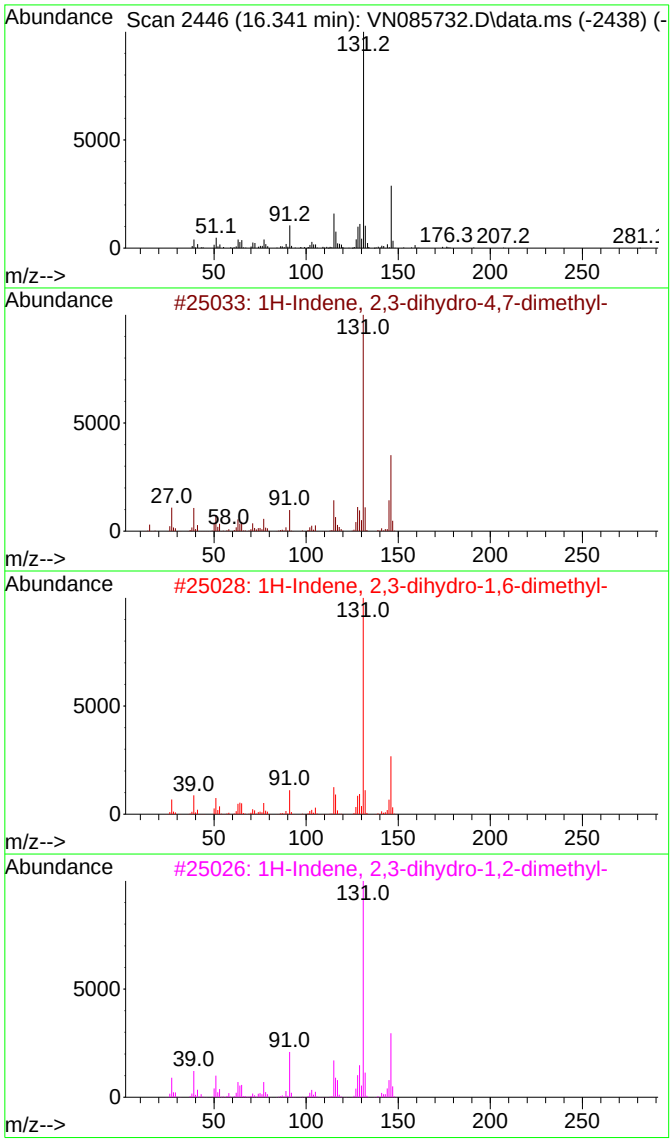
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260

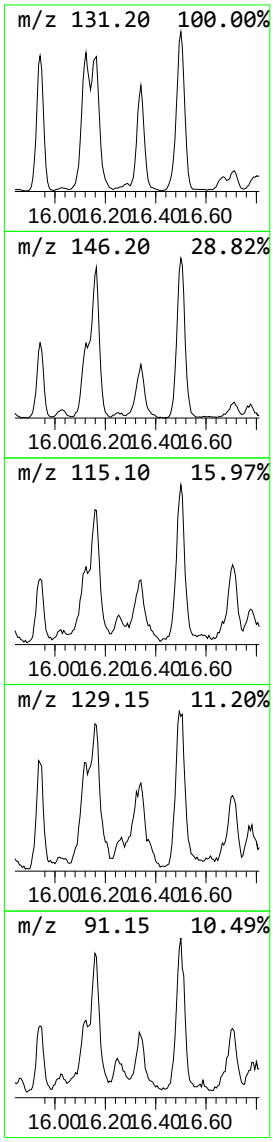
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.341	35.29 ug/l	697623	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91





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Data File : VN085732.D
Acq On : 10 Feb 2025 18:35
Operator : JC\MD
Sample : Q1331-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1R

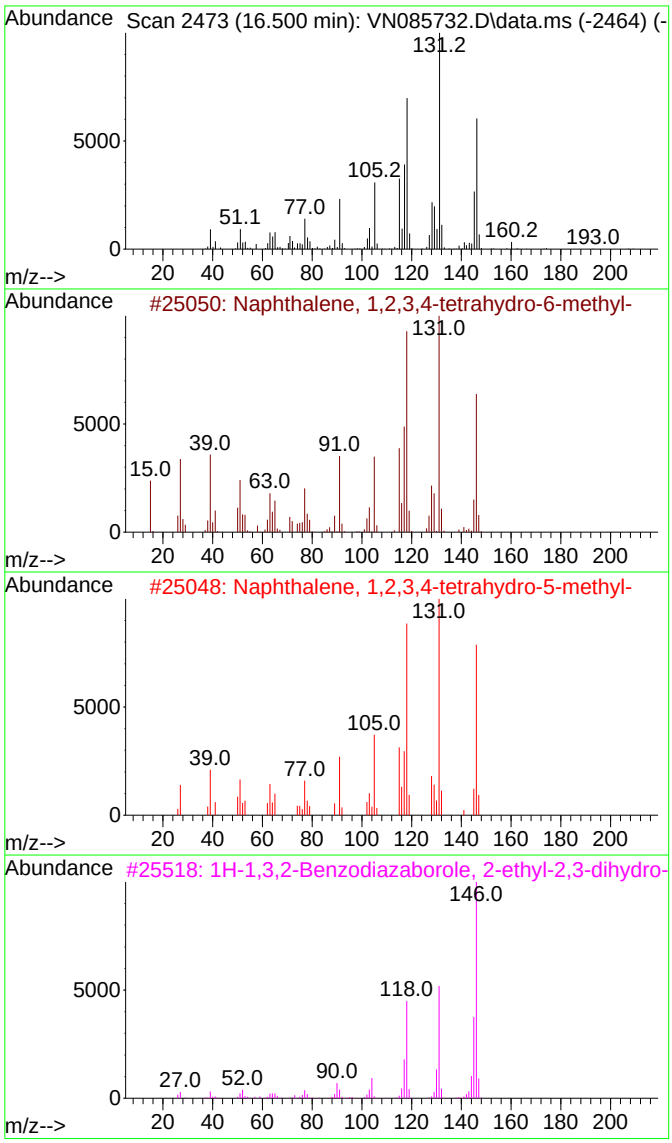
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260

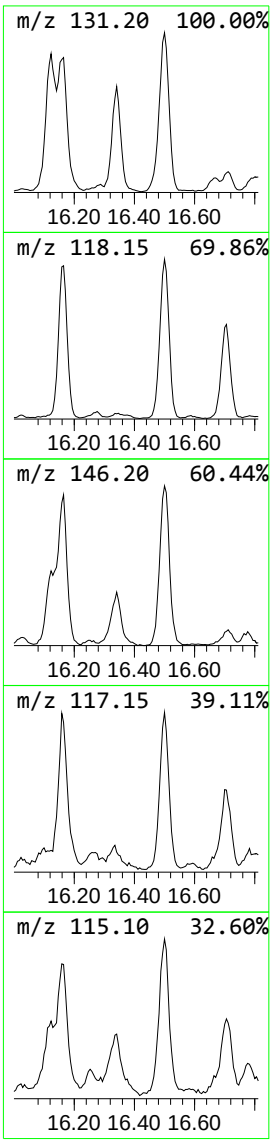
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.500	68.74 ug/l	1358880	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	90
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
5	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085732.D
Acq On : 10 Feb 2025 18:35
Operator : JC\MD
Sample : Q1331-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1R

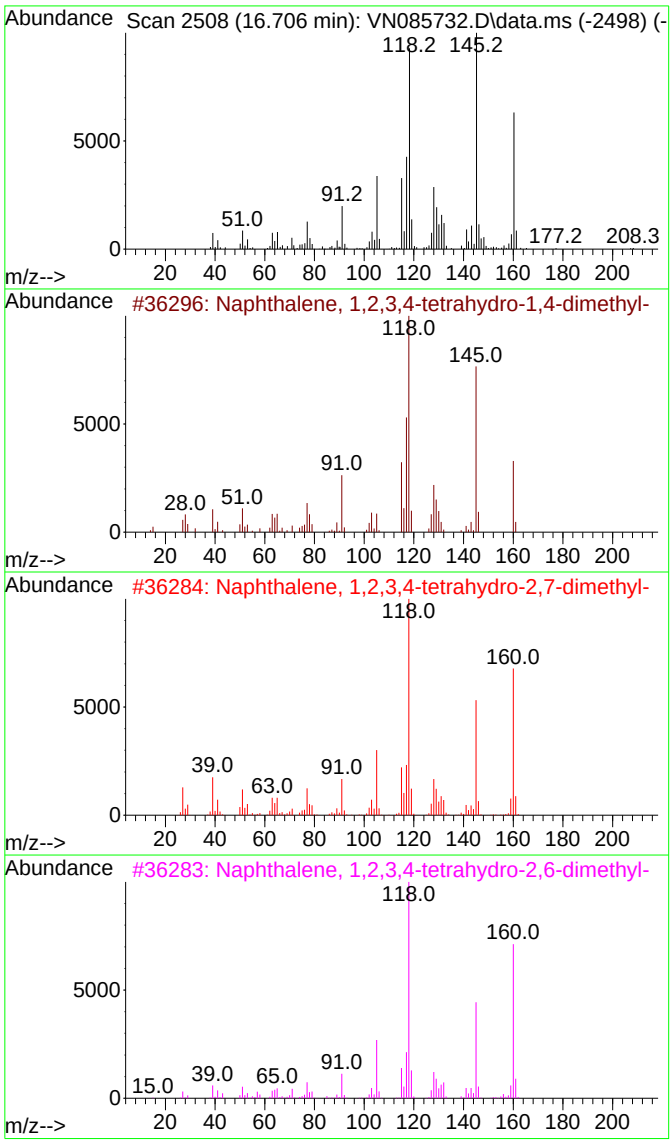
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260

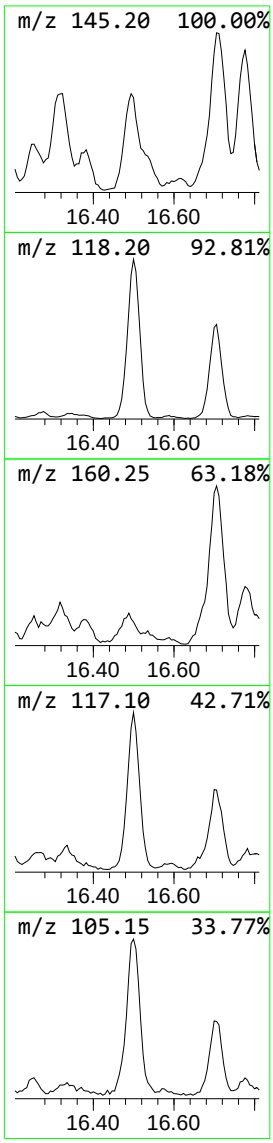
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.706	35.76 ug/l	707054	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	76
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	64
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	60
5	Benzene, 1,2,4-trimethyl-5-(1-me...	160	C12H16	054340-84-0	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085732.D
Acq On : 10 Feb 2025 18:35
Operator : JC\MD
Sample : Q1331-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1R

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.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-ethe...	14.441	55.8	ug/l	1102240	4	13.788	988478	50.0
1H-Indene, 2,3-...	15.047	135.0	ug/l	2669500	4	13.788	988478	50.0
Benzene, (2-met...	15.312	42.0	ug/l	830789	4	13.788	988478	50.0
1H-Indene, 2,3-...	15.435	53.8	ug/l	1064280	4	13.788	988478	50.0
Naphthalene, 1,...	15.694	38.0	ug/l	750349	4	13.788	988478	50.0
Naphthalene, 1,...	15.776	77.9	ug/l	1539440	4	13.788	988478	50.0
1(2H)-Naphthale...	16.159	56.0	ug/l	1107650	4	13.788	988478	50.0
1H-Indene, 2,3-...	16.341	35.3	ug/l	697623	4	13.788	988478	50.0
Naphthalene, 1,...	16.500	68.7	ug/l	1358880	4	13.788	988478	50.0
Naphthalene, 1,...	16.706	35.8	ug/l	707054	4	13.788	988478	50.0