LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082225\
Data File : VN087636.D
Acq On : 22 Aug 2025 13:19
Operator : JC\MD
Sample : Q2921-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

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\82N082125W.M
Title : SW846 8260

Signal : TIC: VN087636.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.153	1042	1054	1058	rBV	197040	471505	33.39%	3.823%
2	8.206	1058	1063	1073	rVB	264025	590362	41.80%	4.787%
3	8.565	1113	1124	1137	rBV	227216	514872	36.46%	4.175%
4	9.082	1202	1212	1223	rBV	472769	982624	69.58%	7.967%
5	10.547	1452	1461	1468	rBV	758207	1412270	100.00%	11.451%
6	10.612	1468	1472	1482	rVB3	39017	70493	4.99%	0.572%
7	11.847	1674	1682	1693	rBV	678282	1238235	87.68%	10.040%
8	11.941	1693	1698	1706	rVV3	23158	47987	3.40%	0.389%
9	12.047	1709	1716	1728	rVB2	56231	122306	8.66%	0.992%
10	12.376	1762	1772	1781	rBV	83159	163959	11.61%	1.329%
11	12.829	1841	1849	1862	rBV	500618	913429	64.68%	7.406%
12	13.017	1876	1881	1885	rVV3	9790	18801	1.33%	0.152%
13	13.076	1885	1891	1894	rVV2	46378	83313	5.90%	0.676%
14	13.112	1894	1897	1900	rVV3	33933	53891	3.82%	0.437%
15	13.153	1900	1904	1917	rVB	54374	99067	7.01%	0.803%
16	13.312	1924	1931	1938	rBV	76028	136147	9.64%	1.104%
17	13.388	1939	1944	1950	rVV10	8001	18237	1.29%	0.148%
18	13.464	1950	1957	1965	rVB	65098	115338	8.17%	0.935%
19	13.653	1982	1989	1993	rBV2	21213	32424	2.30%	0.263%
20	13.706	1993	1998	2002	rBV4	10417	17280	1.22%	0.140%
21	13.770	2002	2009	2020	rBV2	684864	1395291	98.80%	11.313%
22	13.929	2030	2036	2038	rBV2	26271	43973	3.11%	0.357%
23	13.970	2038	2043	2045	rBV3	76658	125902	8.91%	1.021%
24	14.094	2058	2064	2070	rBV7	27409	59389	4.21%	0.482%
25	14.159	2070	2075	2080	rBV	35590	56602	4.01%	0.459%
26	14.217	2082	2085	2087	rBV2	17577	20903	1.48%	0.169%
27	14.247	2088	2090	2095	rVB3	22432	30036	2.13%	0.244%
28	14.306	2095	2100	2106	rBV	68357	111144	7.87%	0.901%
29	14.376	2106	2112	2114	rBV3	16984	28156	1.99%	0.228%
30	14.417	2114	2119	2125	rVB2	78880	128445	9.09%	1.041%
31	14.553	2137	2142	2147	rBV2	45511	78447	5.55%	0.636%
32	14.629	2151	2155	2158	rVV	40609	60720	4.30%	0.492%
33	14.670	2158	2162	2166	rVB	66230	94670	6.70%	0.768%
34	14.711	2166	2169	2172	rVB3	29758	35379	2.51%	0.287%
35	14.747	2172	2175	2184	rVB5	21987	44094	3.12%	0.358%
36	14.853	2185	2193	2197	rBV6	25832	50638	3.59%	0.411%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082225\
Data File : VN087636.D
Acq On : 22 Aug 2025 13:19
Operator : JC\MD
Sample : Q2921-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

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\82N082125W.M
Title : SW846 8260

37	14.906	2197	2202	2205	rBV3	59026	113644	8.05%	0.921%
38	15.029	2213	2223	2229	rBV3	216495	519211	36.76%	4.210%
39	15.182	2243	2249	2257	rBV2	116610	229973	16.28%	1.865%
40	15.294	2257	2268	2272	rBV5	84068	207294	14.68%	1.681%
41	15.417	2280	2289	2297	rVB4	97107	255696	18.11%	2.073%
42	15.570	2308	2315	2318	rBV8	27458	55338	3.92%	0.449%
43	15.664	2326	2331	2336	rBV3	55064	109504	7.75%	0.888%
44	15.723	2336	2341	2342	rBV4	27172	33002	2.34%	0.268%
45	15.758	2342	2347	2350	rVV4	26549	57912	4.10%	0.470%
46	15.917	2365	2374	2382	rBV2	64715	155710	11.03%	1.263%
47	15.994	2382	2387	2389	rVV6	8404	14129	1.00%	0.115%
48	16.100	2397	2405	2406	rBV3	47621	92301	6.54%	0.748%
49	16.135	2406	2411	2421	rVB2	124698	282774	20.02%	2.293%
50	16.223	2421	2426	2430	rBV6	26157	46764	3.31%	0.379%
51	16.311	2433	2441	2446	rBV4	43891	113385	8.03%	0.919%
52	16.470	2457	2468	2482	rBV2	123273	336853	23.85%	2.731%
53	16.582	2484	2487	2491	rVB6	12485	19650	1.39%	0.159%
54	16.682	2495	2504	2509	rBV4	63862	151243	10.71%	1.226%
55	16.747	2510	2515	2520	rBV6	37382	72385	5.13%	0.587%

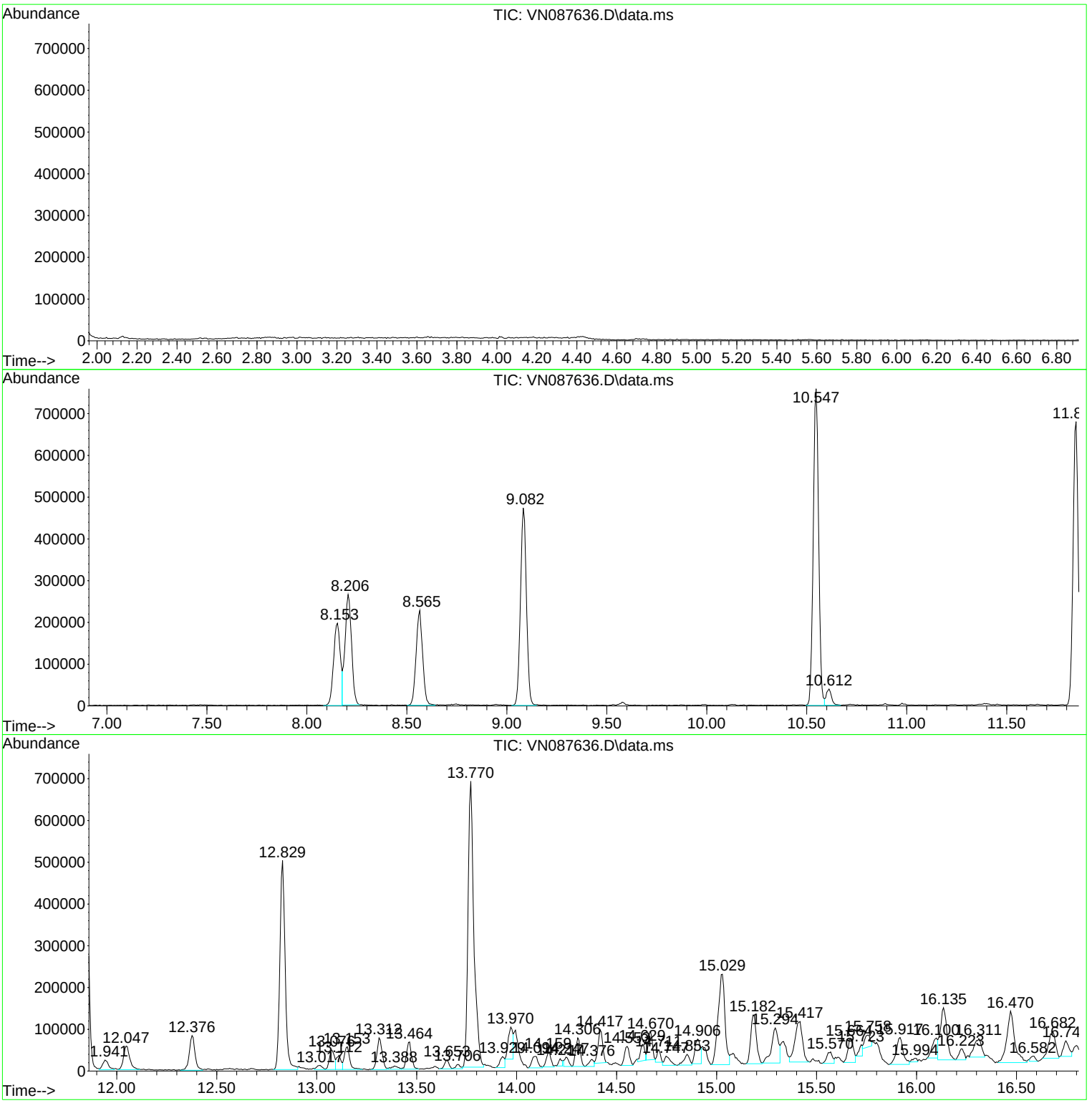
Sum of corrected areas: 12333097

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082225\
Data File : VN087636.D
Acq On : 22 Aug 2025 13:19
Operator : JC\MD
Sample : Q2921-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082225\
Data File : VN087636.D
Acq On : 22 Aug 2025 13:19
Operator : JC\MD
Sample : Q2921-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

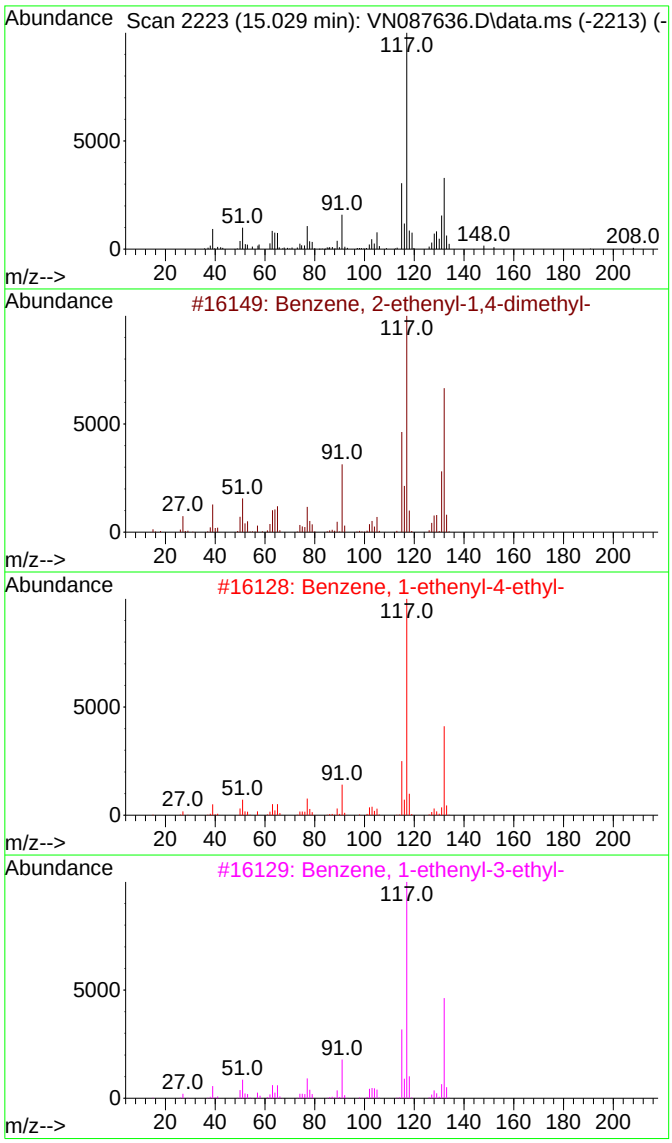
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

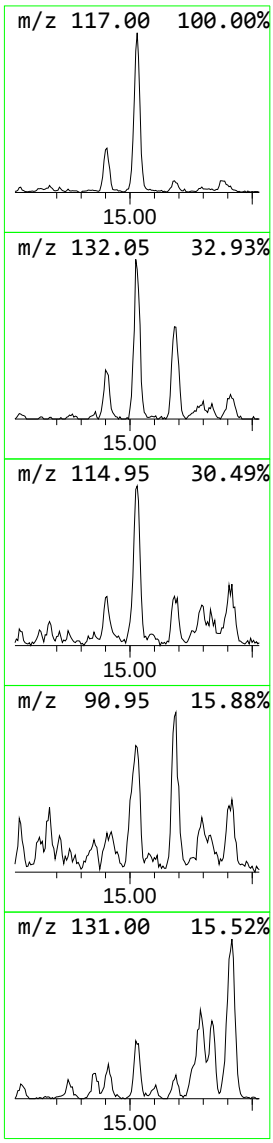
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.029	18.61 ug/l	519211	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082225\
Data File : VN087636.D
Acq On : 22 Aug 2025 13:19
Operator : JC\MD
Sample : Q2921-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

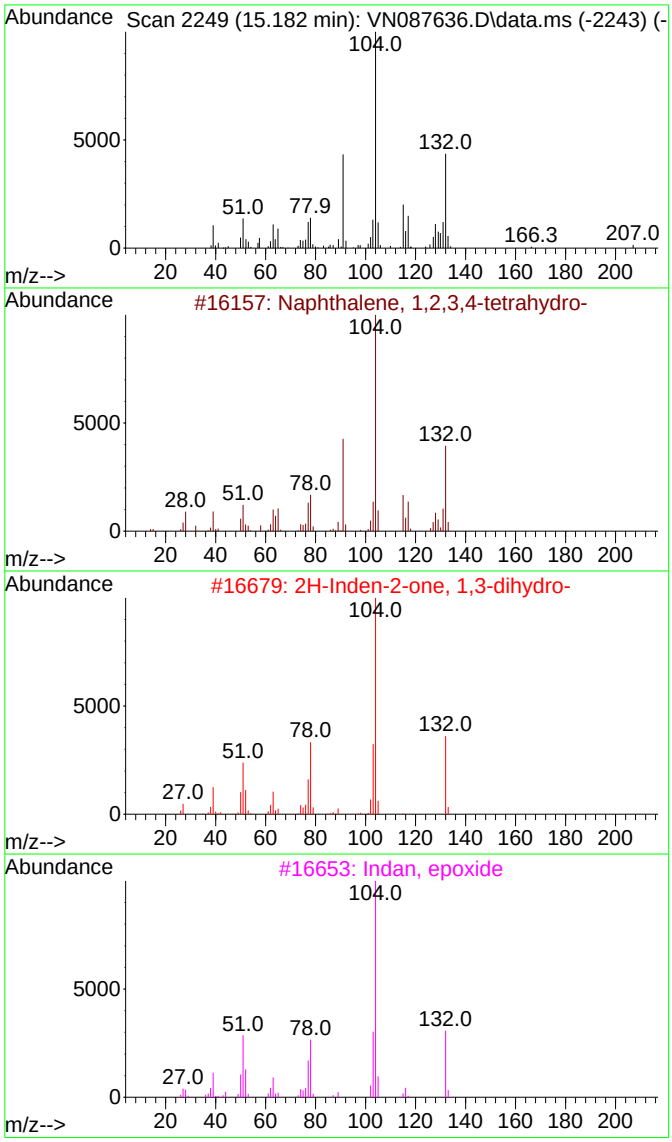
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

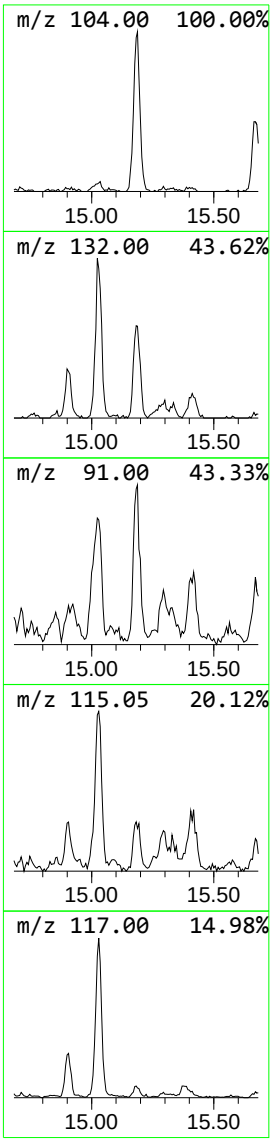
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.182	8.24 ug/l	229973	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	97
2	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	58
3	Indan, epoxide	132	C9H8O	000768-22-9	53
4	5,5-Dimethyl-4-phenyldihydrofura...	190	C12H14O2	013133-96-5	38
5	4-Cyanobenzoic acid, 2-phenyleth...	251	C16H13NO2	131786-46-4	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082225\
Data File : VN087636.D
Acq On : 22 Aug 2025 13:19
Operator : JC\MD
Sample : Q2921-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

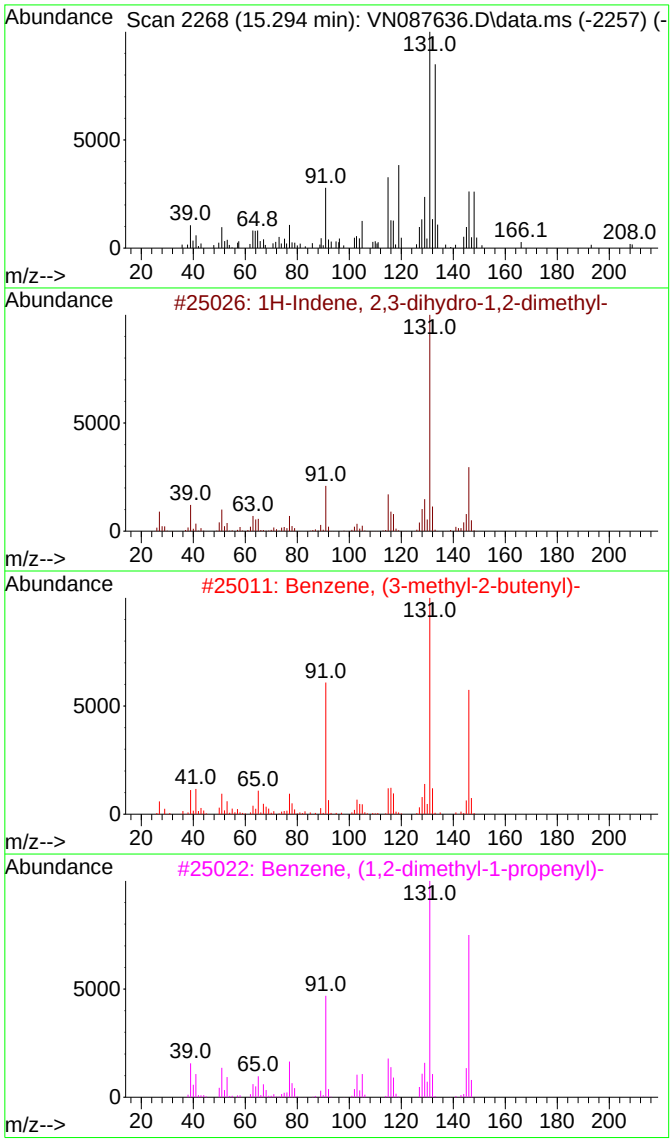
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

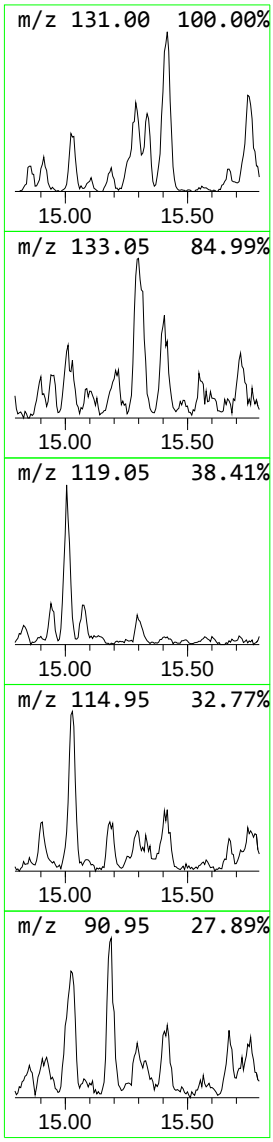
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.294	7.43 ug/l	207294	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	83
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	83
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	50
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	46
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082225\
Data File : VN087636.D
Acq On : 22 Aug 2025 13:19
Operator : JC\MD
Sample : Q2921-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

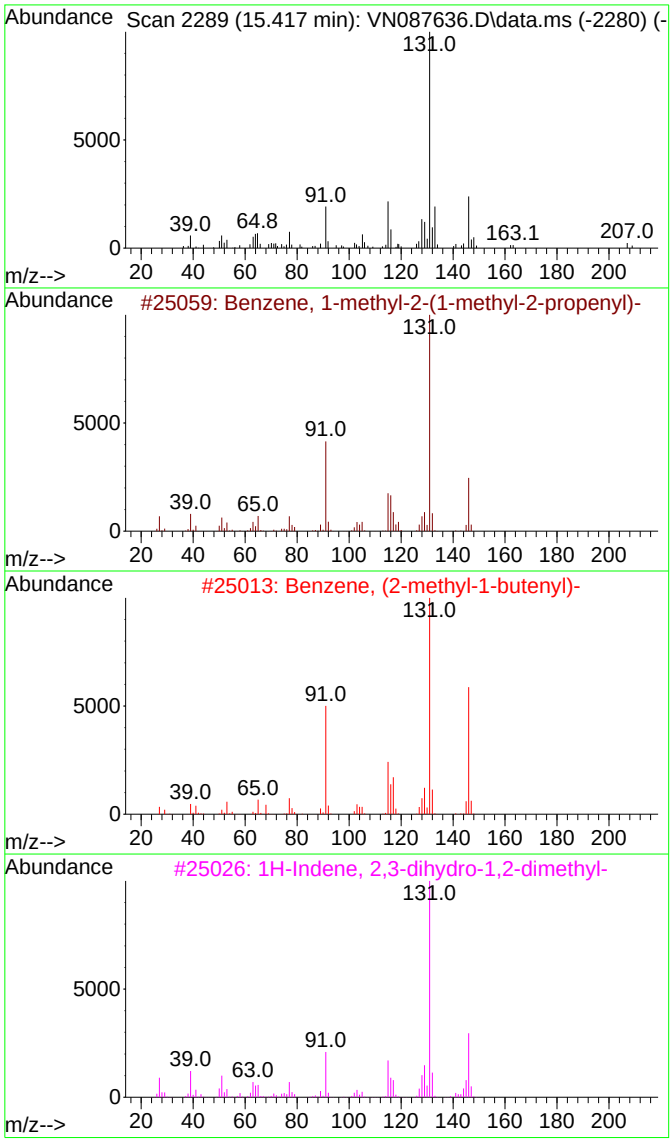
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

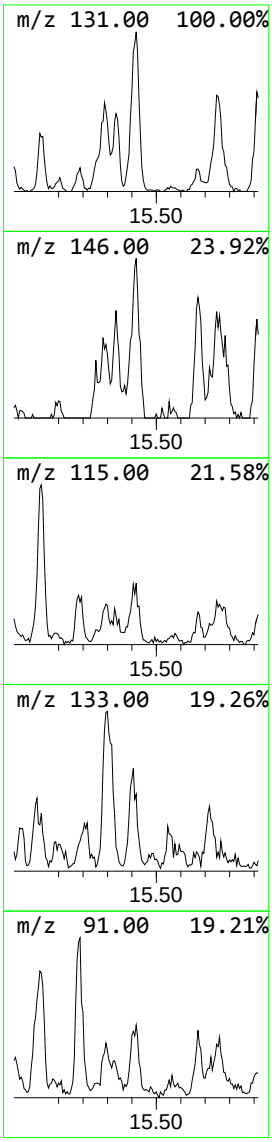
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-methyl-2-(1-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.417	9.16 ug/l	255696	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	83
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	83
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	81
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082225\
Data File : VN087636.D
Acq On : 22 Aug 2025 13:19
Operator : JC\MD
Sample : Q2921-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

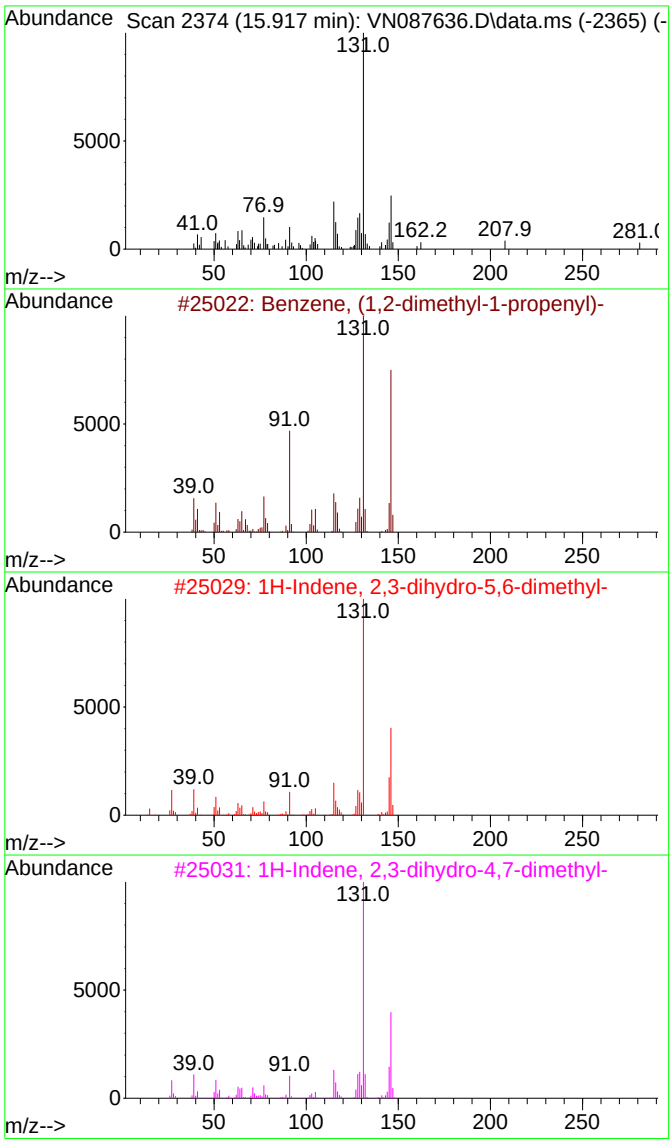
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

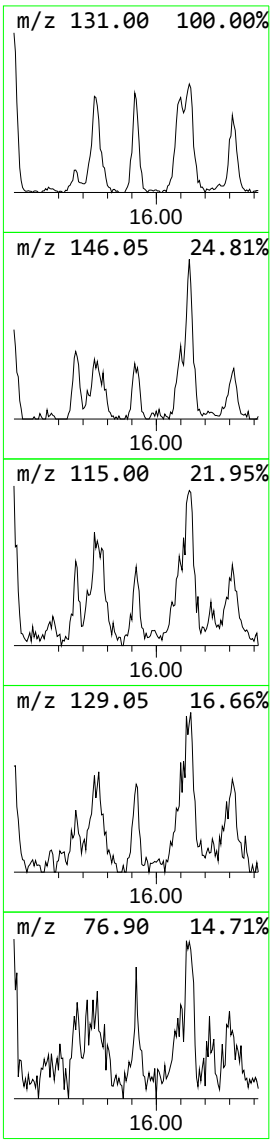
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.917	5.58 ug/l	155710	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	93
2	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	91
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	90
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082225\
Data File : VN087636.D
Acq On : 22 Aug 2025 13:19
Operator : JC\MD
Sample : Q2921-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

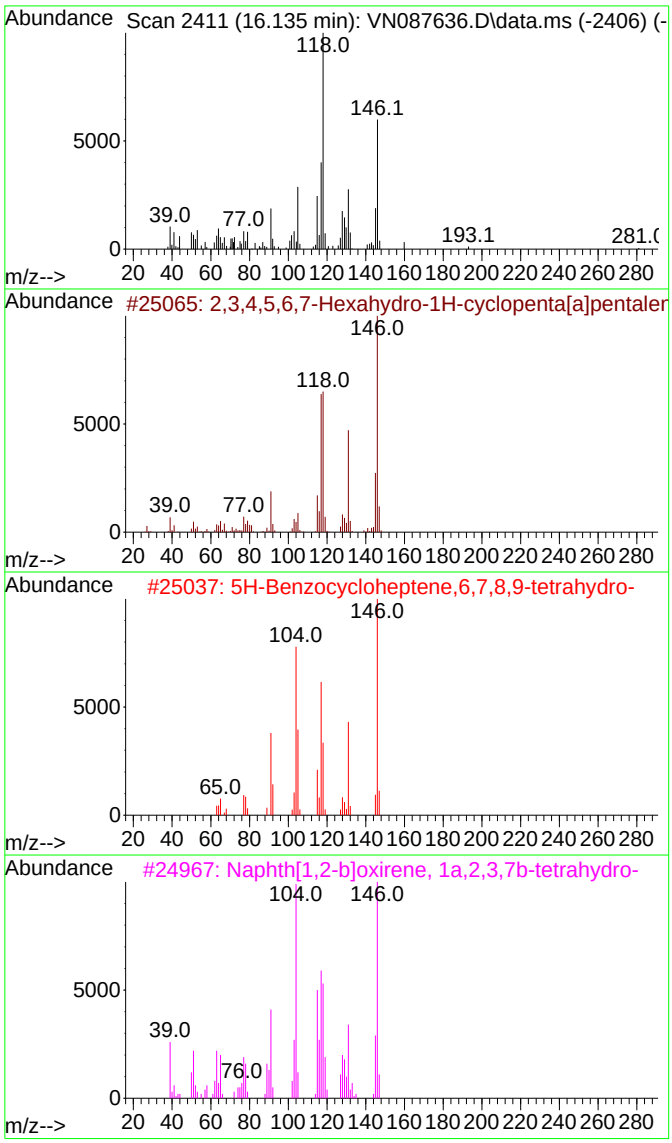
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

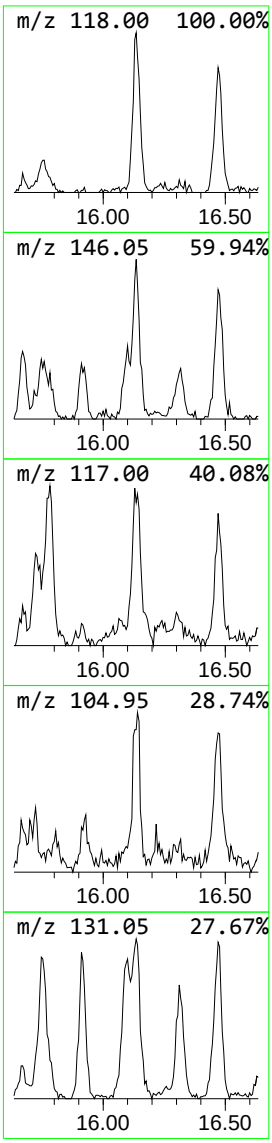
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2,3,4,5,6,7-Hexahydro-1H-cy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.135	10.13 ug/l	282774	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	52
2	5H-Benzocycloheptene,6,7,8,9-tet...	146	C11H14	001075-16-7	49
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	47
4	Pyridine, 3-(3,4-dihydro-2H-pyrr...	146	C9H10N2	000532-12-7	43
5	1(2H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000529-34-0	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082225\
Data File : VN087636.D
Acq On : 22 Aug 2025 13:19
Operator : JC\MD
Sample : Q2921-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

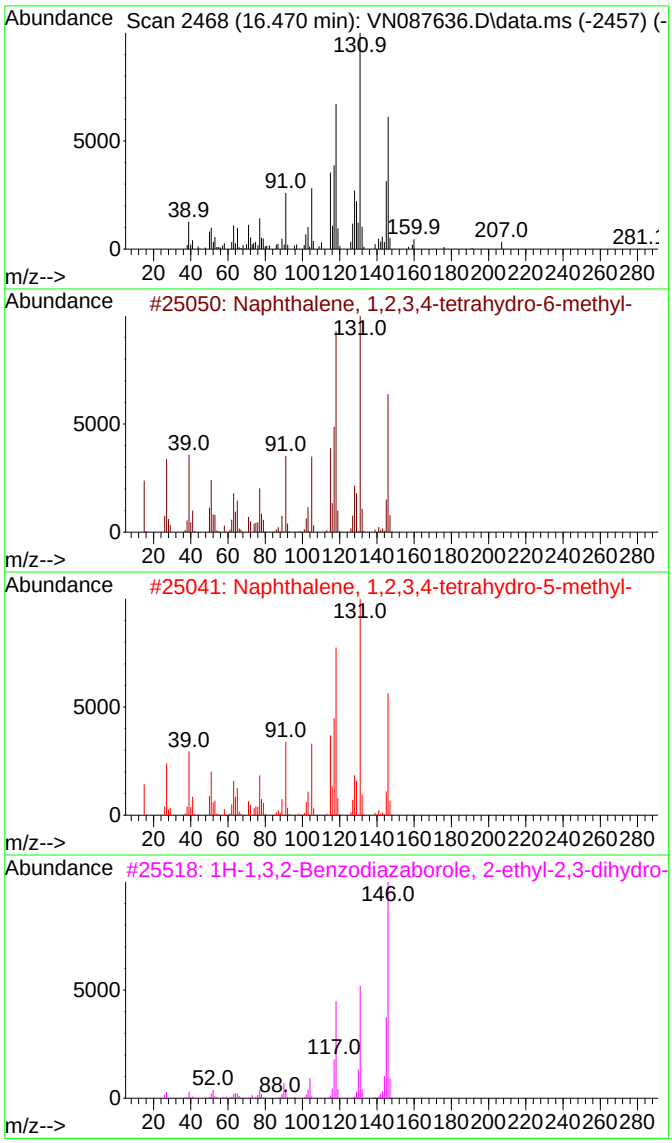
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

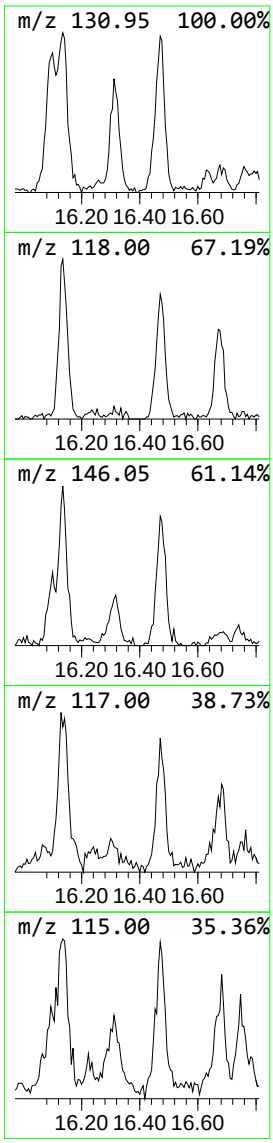
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.470	12.07 ug/l	336853	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	90
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	74
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	64
5	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082225\
Data File : VN087636.D
Acq On : 22 Aug 2025 13:19
Operator : JC\MD
Sample : Q2921-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

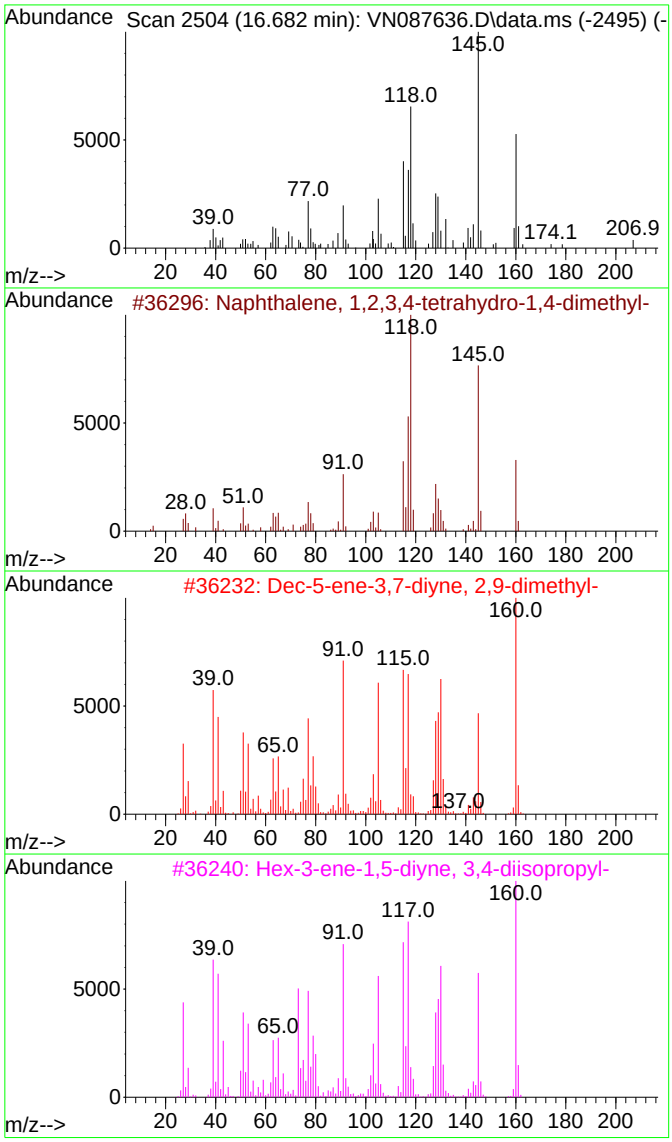
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

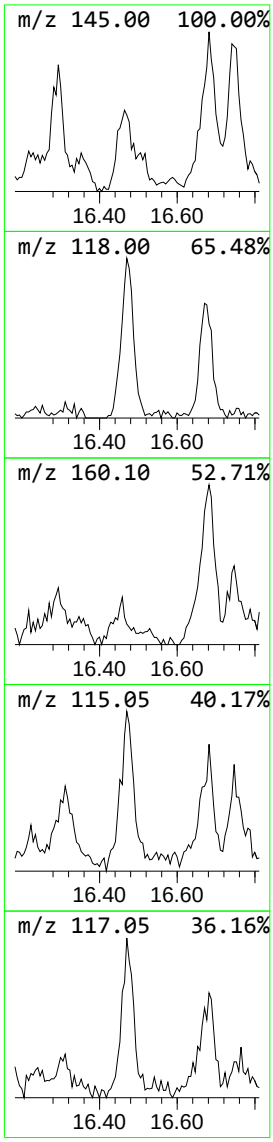
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.682	5.42 ug/l	151243	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	64
2	Dec-5-ene-3,7-diyne, 2,9-dimethyl-	160	C12H16	1010211-23-3	60
3	Hex-3-ene-1,5-diyne, 3,4-diisopr...	160	C12H16	1000211-22-8	55
4	Oct-3-ene-1,5-diyne, 3-isopropyl...	160	C12H16	1000211-23-1	55
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082225\
Data File : VN087636.D
Acq On : 22 Aug 2025 13:19
Operator : JC\MD
Sample : Q2921-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.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, 2-ethe...	15.029	18.6	ug/l	519211	4	13.770	1395290	50.0
Naphthalene, 1,...	15.182	8.2	ug/l	229973	4	13.770	1395290	50.0
1H-Indene, 2,3-...	15.294	7.4	ug/l	207294	4	13.770	1395290	50.0
Benzene, 1-meth...	15.417	9.2	ug/l	255696	4	13.770	1395290	50.0
Benzene, (1,2-d...	15.917	5.6	ug/l	155710	4	13.770	1395290	50.0
2,3,4,5,6,7-Hex...	16.135	10.1	ug/l	282774	4	13.770	1395290	50.0
Naphthalene, 1,...	16.470	12.1	ug/l	336853	4	13.770	1395290	50.0
Naphthalene, 1,...	16.682	5.4	ug/l	151243	4	13.770	1395290	50.0