LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102722\
Data File : VN075045.D
Acq On : 27 Oct 2022 16:55
Operator : JC\MD
Sample : N5303-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
NWB-1837

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\82N102622W.M
Title : SW846 8260

Signal : TIC: VN075045.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.295	35	41	50	rBV	15785	35234	3.93%	0.333%
2	2.677	100	106	112	rBV	6494	12417	1.39%	0.117%
3	2.824	125	131	146	rVB5	15627	62917	7.02%	0.594%
4	3.812	289	299	320	rBV	344579	896240	100.00%	8.464%
5	4.453	399	408	417	rBV2	13055	37680	4.20%	0.356%
6	4.741	446	457	465	rBV	4339	12670	1.41%	0.120%
7	5.812	628	639	652	rVB3	16969	58103	6.48%	0.549%
8	7.447	908	917	922	rBV2	4190	11109	1.24%	0.105%
9	8.171	1030	1040	1045	rBV	102976	241316	26.93%	2.279%
10	8.229	1045	1050	1062	rVB	162398	357446	39.88%	3.376%
11	8.594	1099	1112	1125	rBV3	144762	480785	53.64%	4.541%
12	8.759	1132	1140	1141	rBV2	4421	10282	1.15%	0.097%
13	9.106	1190	1199	1209	rVB	259263	524691	58.54%	4.955%
14	9.276	1219	1228	1236	rBV4	6629	16342	1.82%	0.154%
15	10.571	1439	1448	1453	rBV	397515	729640	81.41%	6.891%
16	10.635	1453	1459	1467	rVB	430382	780759	87.11%	7.374%
17	11.870	1659	1669	1679	rBV	348262	632713	70.60%	5.976%
18	11.965	1679	1685	1693	rVV	53000	89543	9.99%	0.846%
19	12.070	1693	1703	1714	rVV	49341	96348	10.75%	0.910%
20	12.400	1751	1759	1766	rBV	121775	198897	22.19%	1.878%
21	12.694	1805	1809	1814	rBV2	7398	11976	1.34%	0.113%
22	12.847	1829	1835	1845	rVB	266753	461971	51.55%	4.363%
23	13.041	1861	1868	1872	rBV	21302	34129	3.81%	0.322%
24	13.100	1872	1878	1881	rVV2	45839	80908	9.03%	0.764%
25	13.135	1881	1884	1886	rVV2	39109	55251	6.16%	0.522%
26	13.170	1886	1890	1897	rVB2	54325	99290	11.08%	0.938%
27	13.335	1910	1918	1924	rBV	65188	110576	12.34%	1.044%
28	13.482	1938	1943	1954	rVB	46523	75054	8.37%	0.709%
29	13.617	1960	1966	1970	rVB2	12364	18552	2.07%	0.175%
30	13.670	1970	1975	1981	rBV	22229	36635	4.09%	0.346%
31	13.729	1981	1985	1989	rBV2	9940	13706	1.53%	0.129%
32	13.794	1989	1996	2006	rBV2	354938	743062	82.91%	7.018%
33	13.876	2006	2010	2017	rVB2	27684	46912	5.23%	0.443%
34	13.953	2017	2023	2024	rBV2	20372	29239	3.26%	0.276%
35	13.994	2024	2030	2033	rBV2	78369	156283	17.44%	1.476%
36	14.111	2045	2050	2056	rBV4	26098	47147	5.26%	0.445%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102722\
Data File : VN075045.D
Acq On : 27 Oct 2022 16:55
Operator : JC\MD
Sample : N5303-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
NWB-1837

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\82N102622W.M
Title : SW846 8260

37	14.188	2056	2063	2067	rVB	34470	54839	6.12%	0.518%
38	14.247	2067	2073	2075	rBV	34574	54234	6.05%	0.512%
39	14.276	2075	2078	2082	rVB	36423	48979	5.46%	0.463%
40	14.329	2082	2087	2093	rVB	67322	100155	11.18%	0.946%
41	14.394	2094	2098	2101	rBV	15789	23852	2.66%	0.225%
42	14.441	2101	2106	2112	rVB2	73829	128960	14.39%	1.218%
43	14.523	2115	2120	2123	rVB5	6952	10710	1.19%	0.101%
44	14.576	2123	2129	2134	rBV2	32433	51357	5.73%	0.485%
45	14.658	2134	2143	2145	rBV	42297	82089	9.16%	0.775%
46	14.694	2145	2149	2153	rVV2	68750	97912	10.92%	0.925%
47	14.735	2153	2156	2160	rVB2	24261	30107	3.36%	0.284%
48	14.782	2160	2164	2166	rBV2	10896	16420	1.83%	0.155%
49	14.876	2172	2180	2184	rBV3	20154	42471	4.74%	0.401%
50	14.929	2184	2189	2193	rBV	80917	150668	16.81%	1.423%
51	15.053	2201	2210	2217	rBV2	179460	438908	48.97%	4.145%
52	15.211	2230	2237	2244	rBV	160698	295118	32.93%	2.787%
53	15.323	2251	2256	2260	rBV5	37085	65192	7.27%	0.616%
54	15.441	2267	2276	2284	rVB3	60129	176032	19.64%	1.662%
55	15.511	2284	2288	2291	rBV6	5445	9931	1.11%	0.094%
56	15.594	2297	2302	2305	rBV5	13706	24299	2.71%	0.229%
57	15.635	2305	2309	2314	rVV	21009	39656	4.42%	0.375%
58	15.700	2314	2320	2325	rVV	50844	93743	10.46%	0.885%
59	15.747	2325	2328	2330	rVV3	26185	36511	4.07%	0.345%
60	15.782	2331	2334	2339	rVV2	39375	89219	9.95%	0.843%
61	15.829	2340	2342	2353	rVB2	42196	72788	8.12%	0.687%
62	15.947	2354	2362	2369	rBV	50106	107056	11.95%	1.011%
63	16.129	2383	2393	2394	rBV3	39613	75502	8.42%	0.713%
64	16.170	2394	2400	2409	rVB	132757	294549	32.86%	2.782%
65	16.258	2411	2415	2420	rVB5	12766	20557	2.29%	0.194%
66	16.347	2420	2430	2436	rBV4	31822	86442	9.64%	0.816%
67	16.505	2445	2457	2471	rBV2	96701	259220	28.92%	2.448%
68	16.717	2481	2493	2498	rBV2	56072	141778	15.82%	1.339%
69	16.782	2498	2504	2505	rBV	44292	63326	7.07%	0.598%

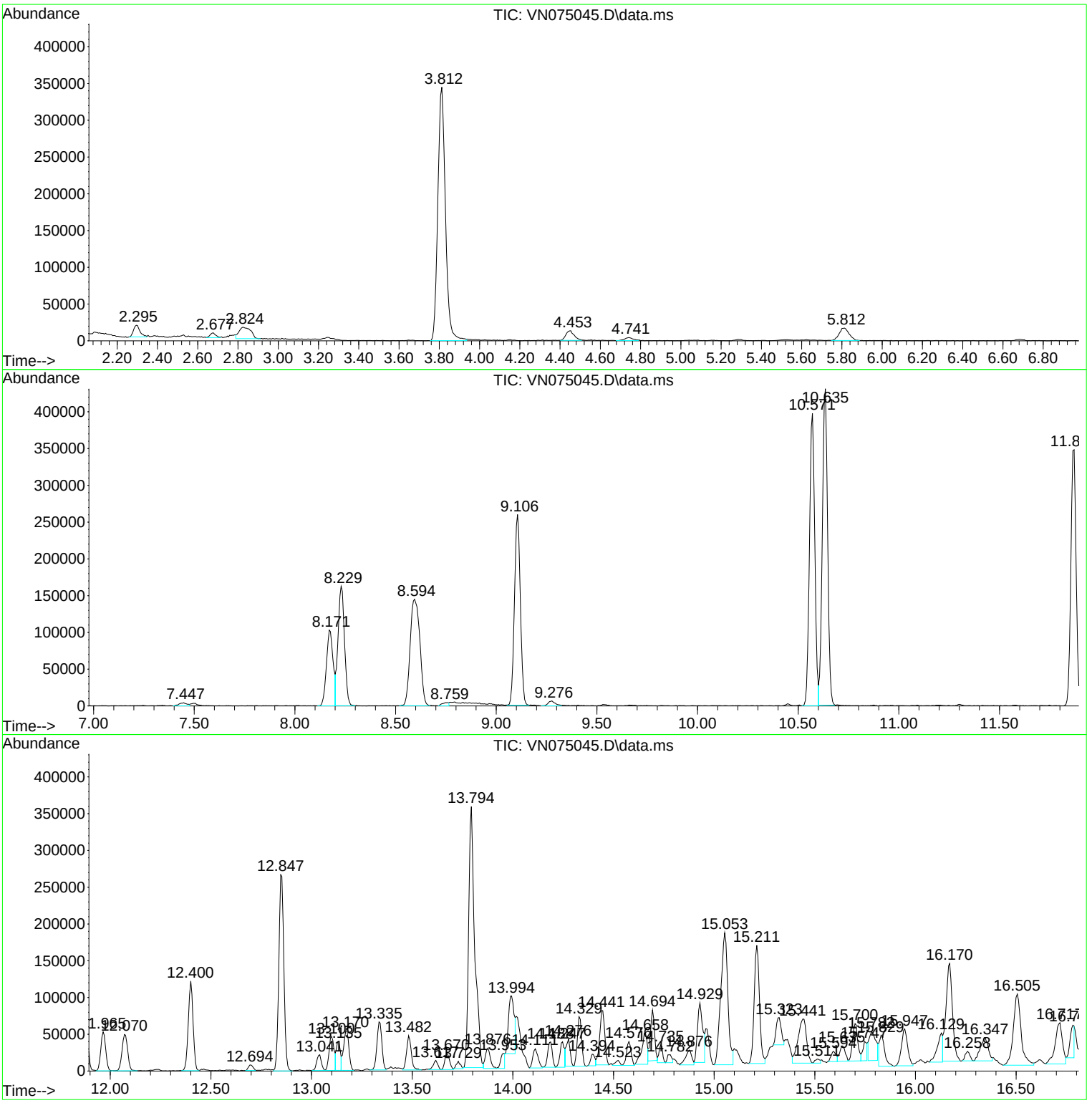
Sum of corrected areas: 10588403

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102722\
Data File : VN075045.D
Acq On : 27 Oct 2022 16:55
Operator : JC\MD
Sample : N5303-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
NWB-1837

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102722\
Data File : VN075045.D
Acq On : 27 Oct 2022 16:55
Operator : JC\MD
Sample : N5303-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
NWB-1837

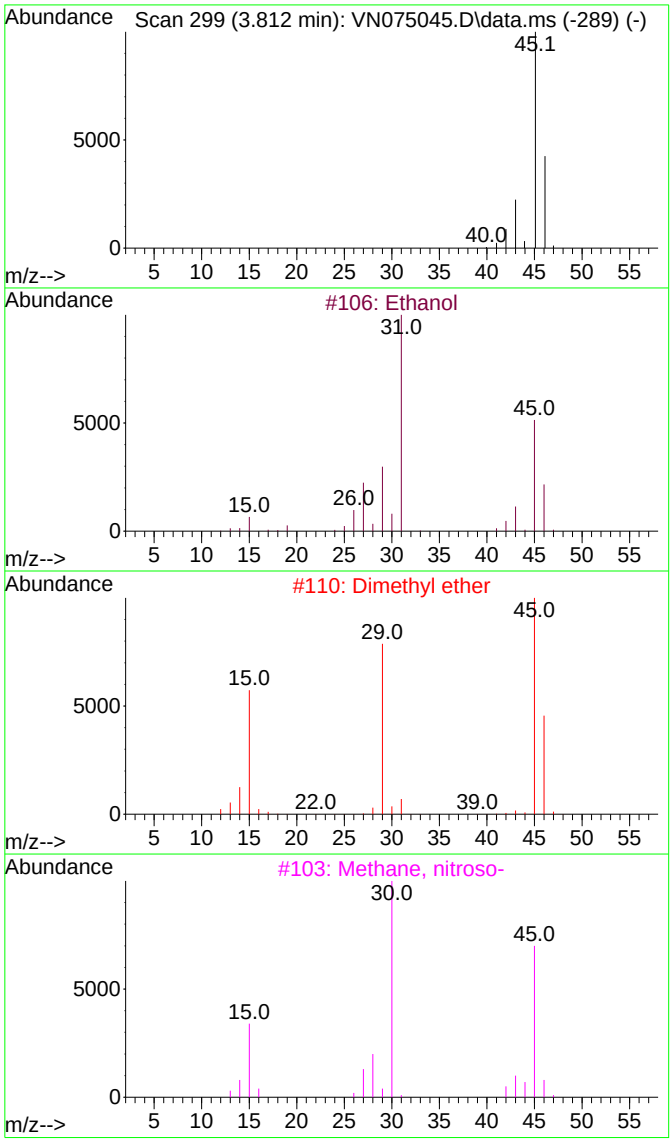
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260

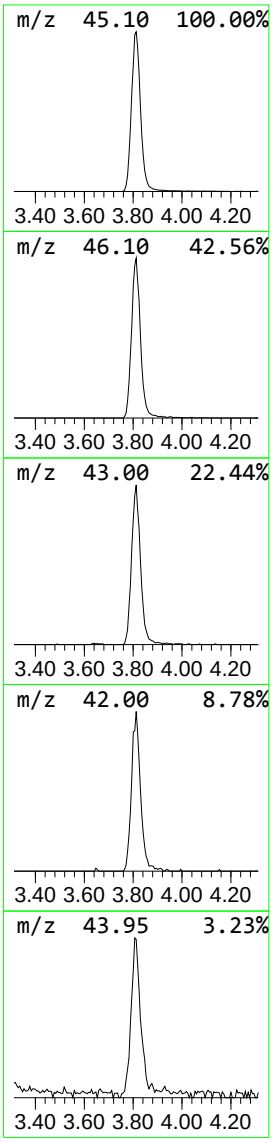
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.812	125.37 ug/l	896240	Pentafluorobenzene	8.229

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	74
2	Dimethyl ether	46	C2H6O	000115-10-6	9
3	Methane, nitroso-	45	CH3NO	000865-40-7	4
4	Formic acid	46	CH2O2	000064-18-6	4
5	Oxalic acid	90	C2H2O4	000144-62-7	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102722\
Data File : VN075045.D
Acq On : 27 Oct 2022 16:55
Operator : JC\MD
Sample : N5303-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
NWB-1837

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260

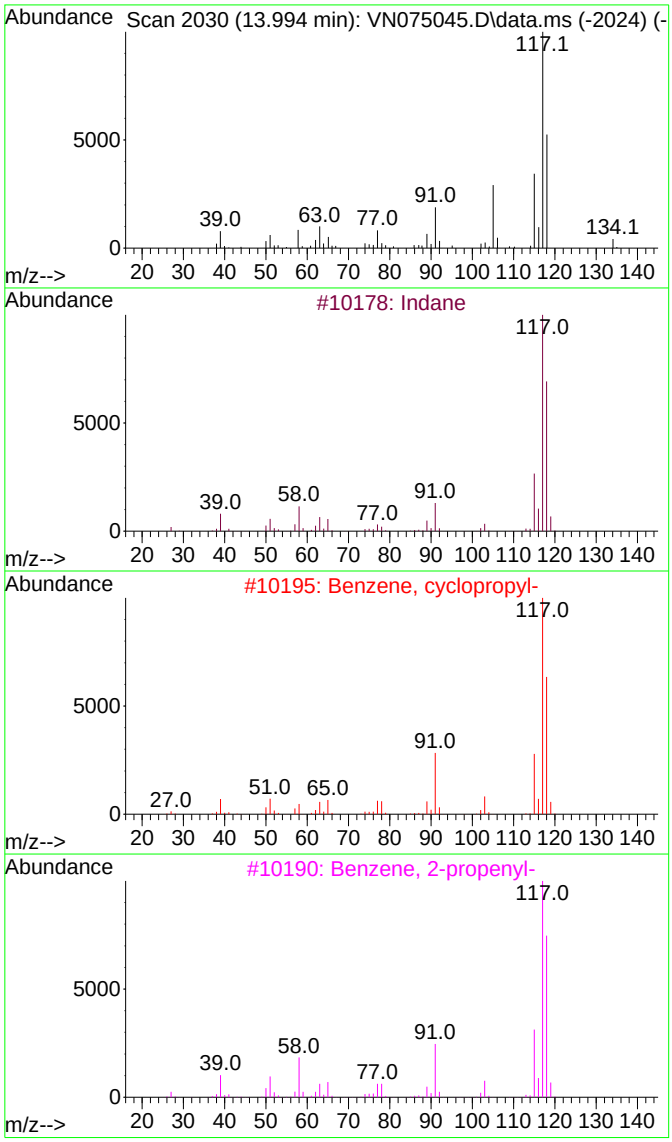
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

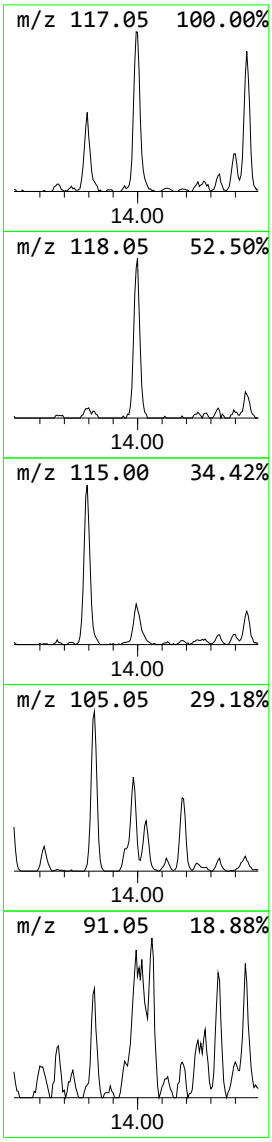
****

Peak Number 3 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.994	10.52 ug/l	156283	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	58
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	58
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102722\
Data File : VN075045.D
Acq On : 27 Oct 2022 16:55
Operator : JC\MD
Sample : N5303-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
NWB-1837

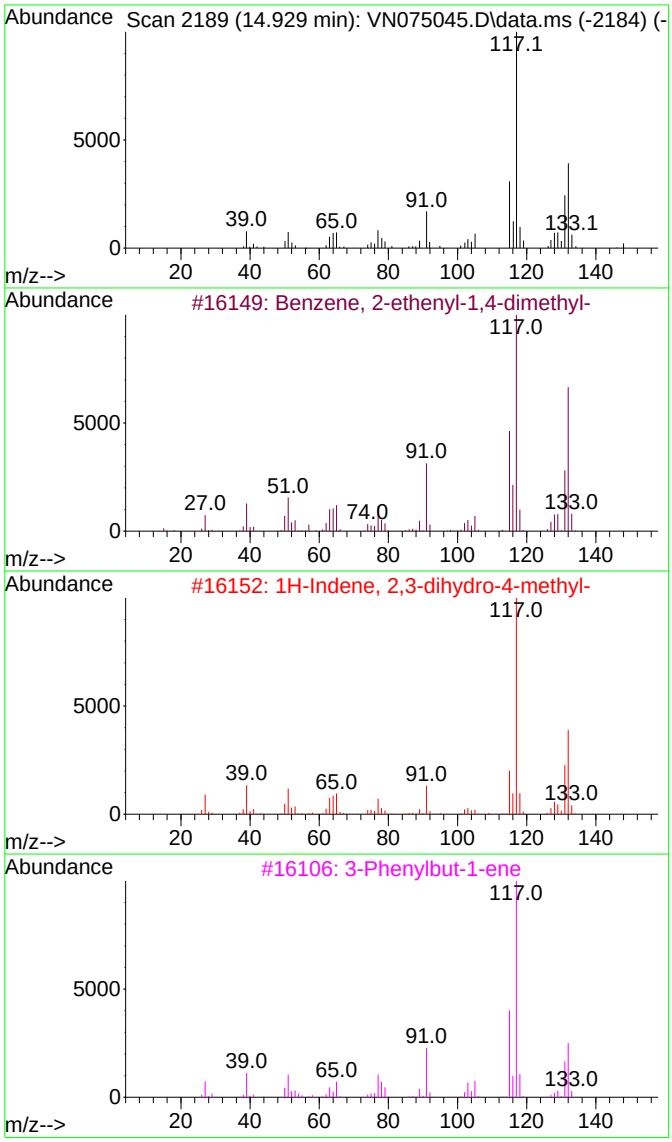
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260

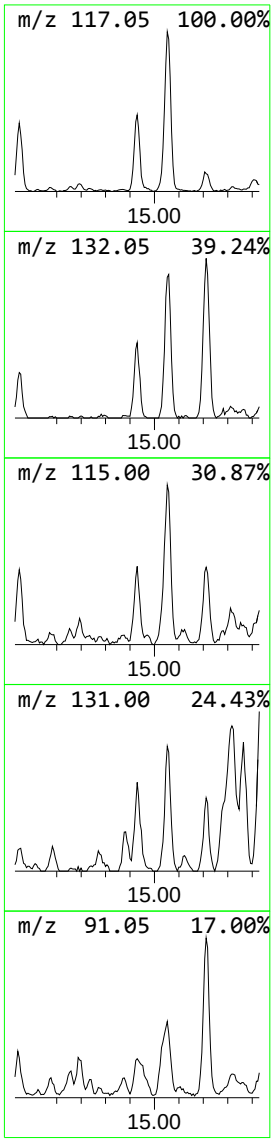
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.929	10.14 ug/l	150668	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	90
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102722\
Data File : VN075045.D
Acq On : 27 Oct 2022 16:55
Operator : JC\MD
Sample : N5303-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
NWB-1837

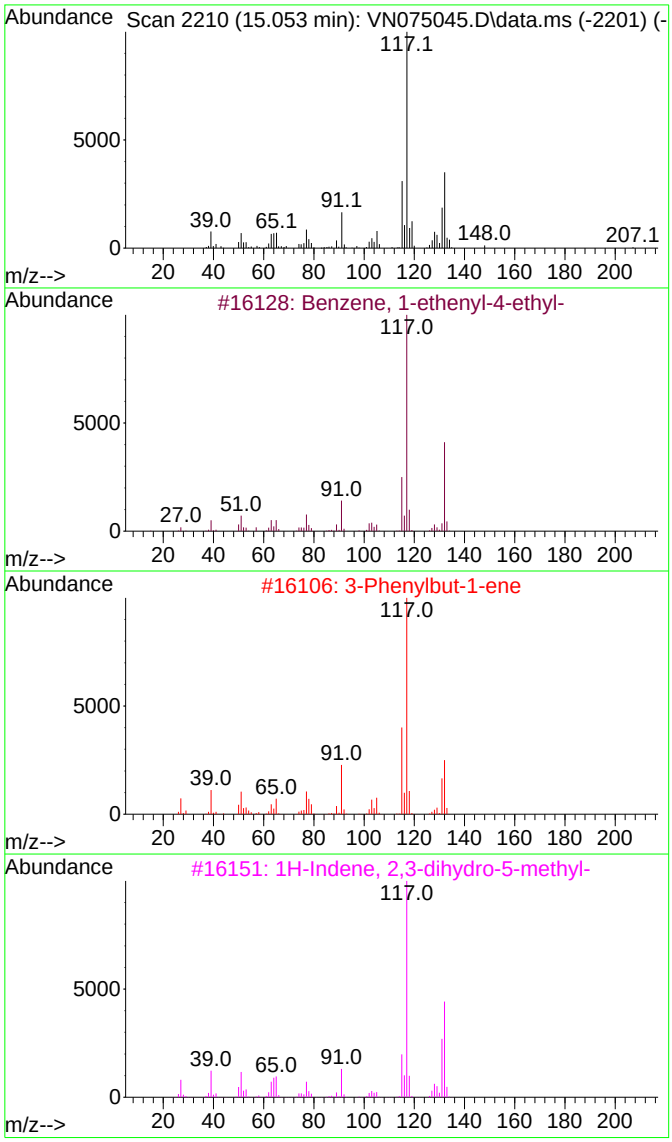
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260

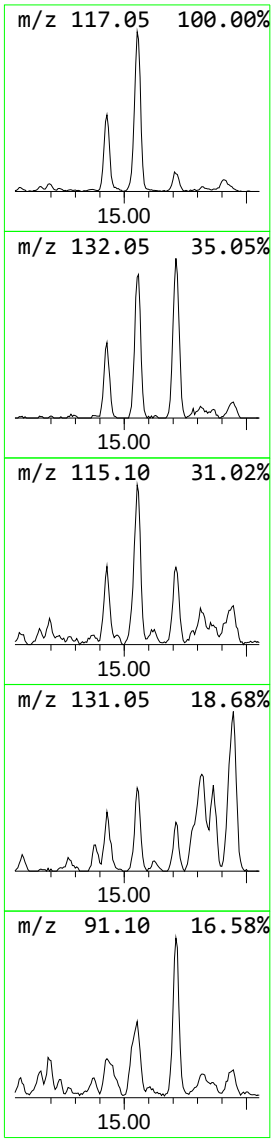
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.053	29.53 ug/l	438908	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	93
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102722\
Data File : VN075045.D
Acq On : 27 Oct 2022 16:55
Operator : JC\MD
Sample : N5303-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
NWB-1837

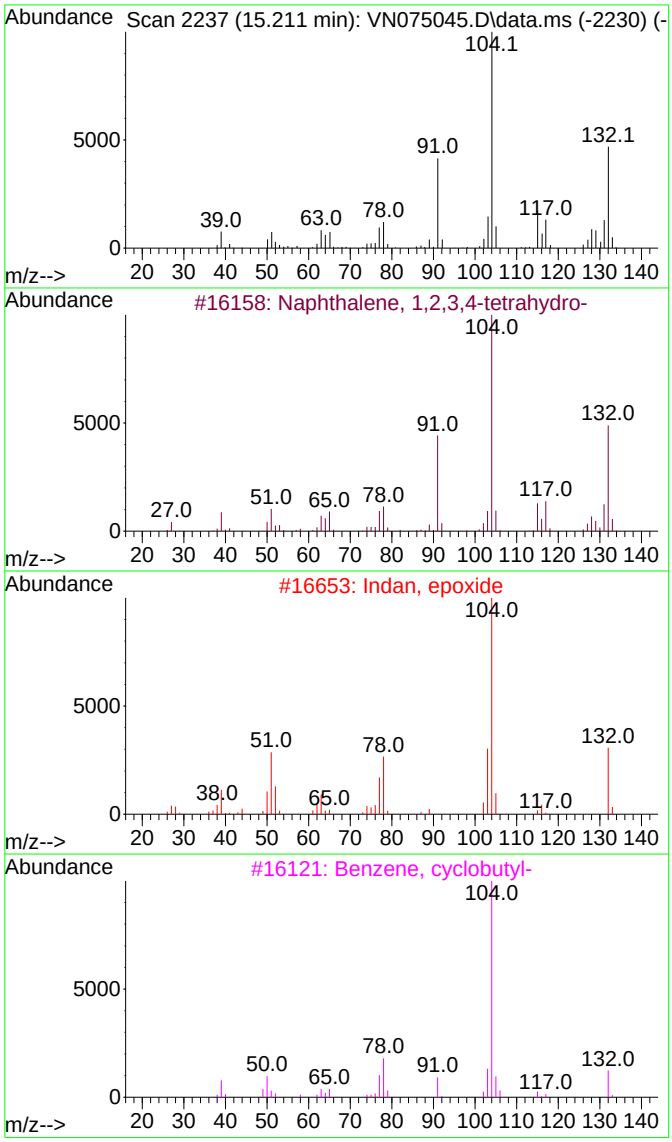
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260

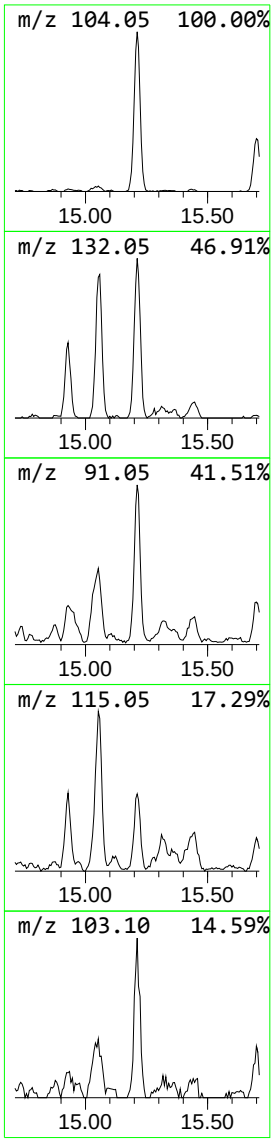
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.211	19.86 ug/l	295118	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	97
2	Indan, epoxide	132	C9H8O	000768-22-9	70
3	Benzene, cyclobutyl-	132	C10H12	004392-30-7	59
4	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	53
5	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	41





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102722\
Data File : VN075045.D
Acq On : 27 Oct 2022 16:55
Operator : JC\MD
Sample : N5303-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
NWB-1837

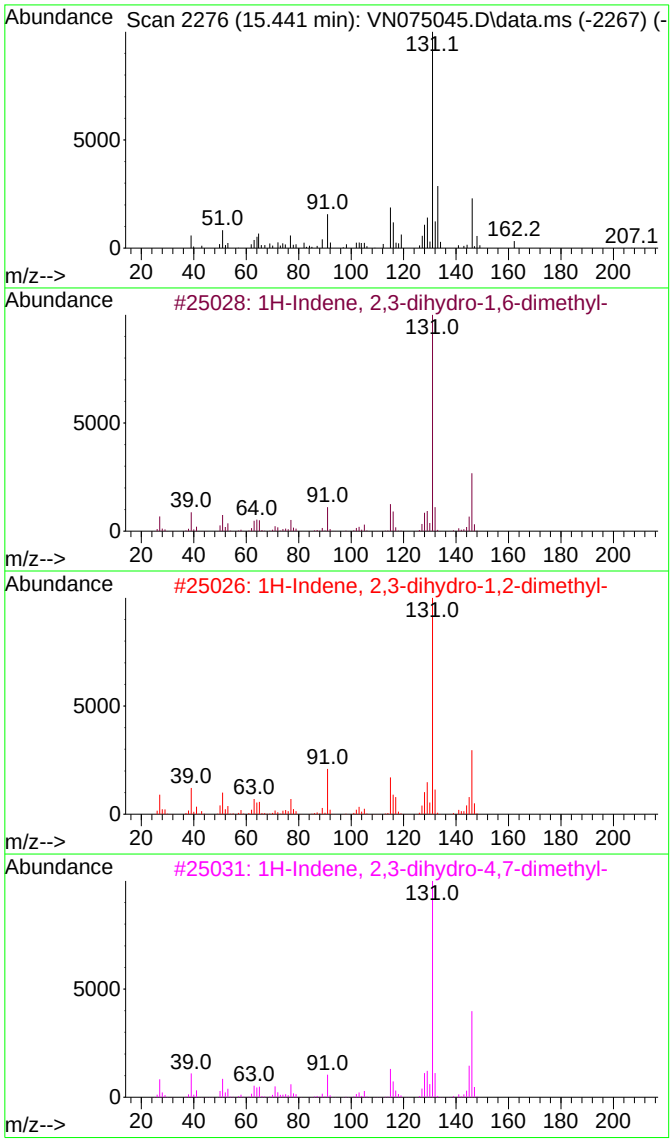
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260

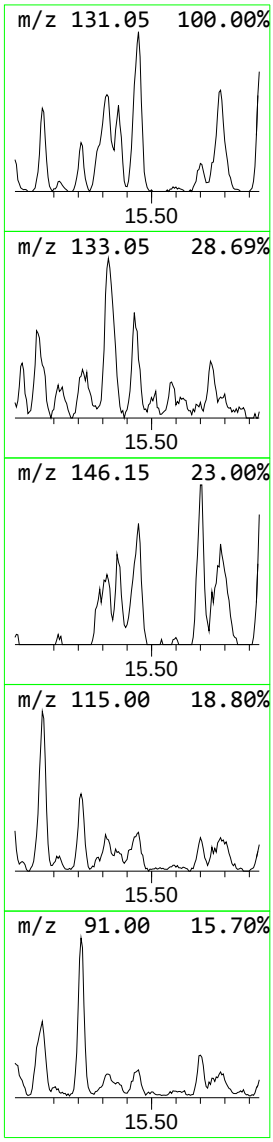
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.441	11.85 ug/l	176032	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	81
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	81
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102722\
Data File : VN075045.D
Acq On : 27 Oct 2022 16:55
Operator : JC\MD
Sample : N5303-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
NWB-1837

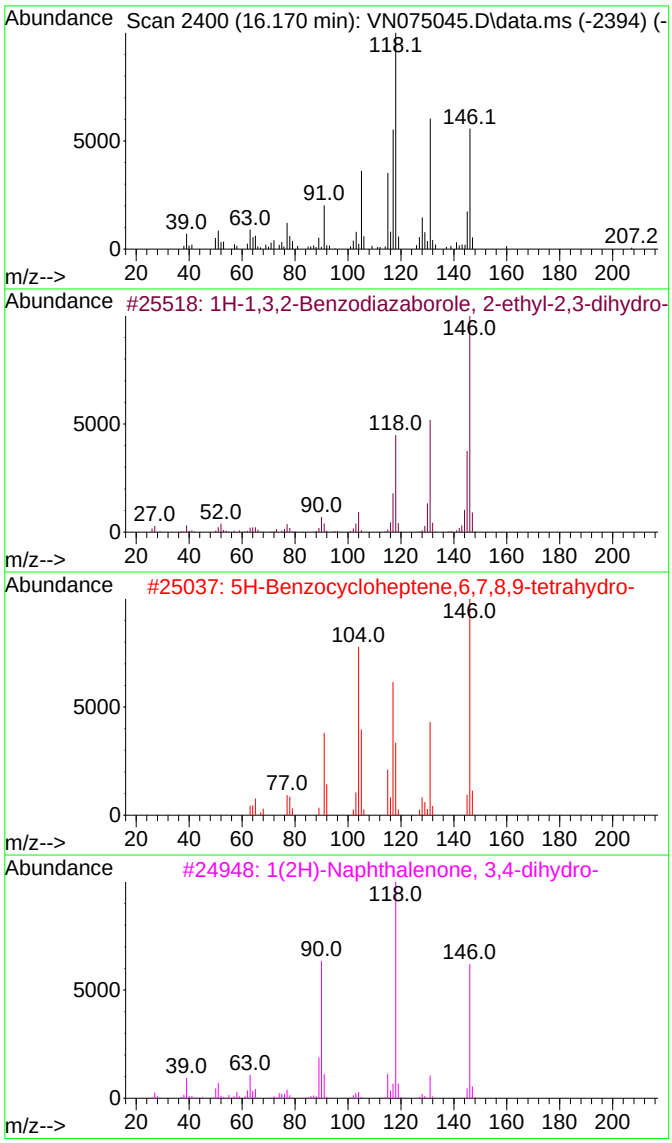
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260

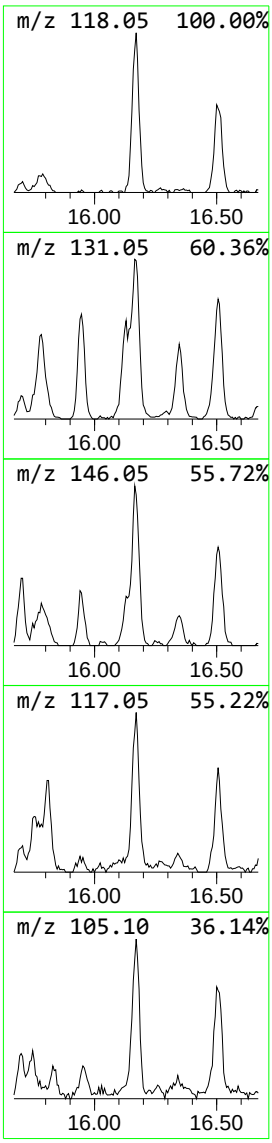
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-1,3,2-Benzodiazaborole, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.170	19.82 ug/l	294549	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	60
2	5H-Benzocycloheptene,6,7,8,9-tet...	146	C11H14	001075-16-7	58
3	1(2H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000529-34-0	46
4	1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	45
5	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102722\
Data File : VN075045.D
Acq On : 27 Oct 2022 16:55
Operator : JC\MD
Sample : N5303-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
NWB-1837

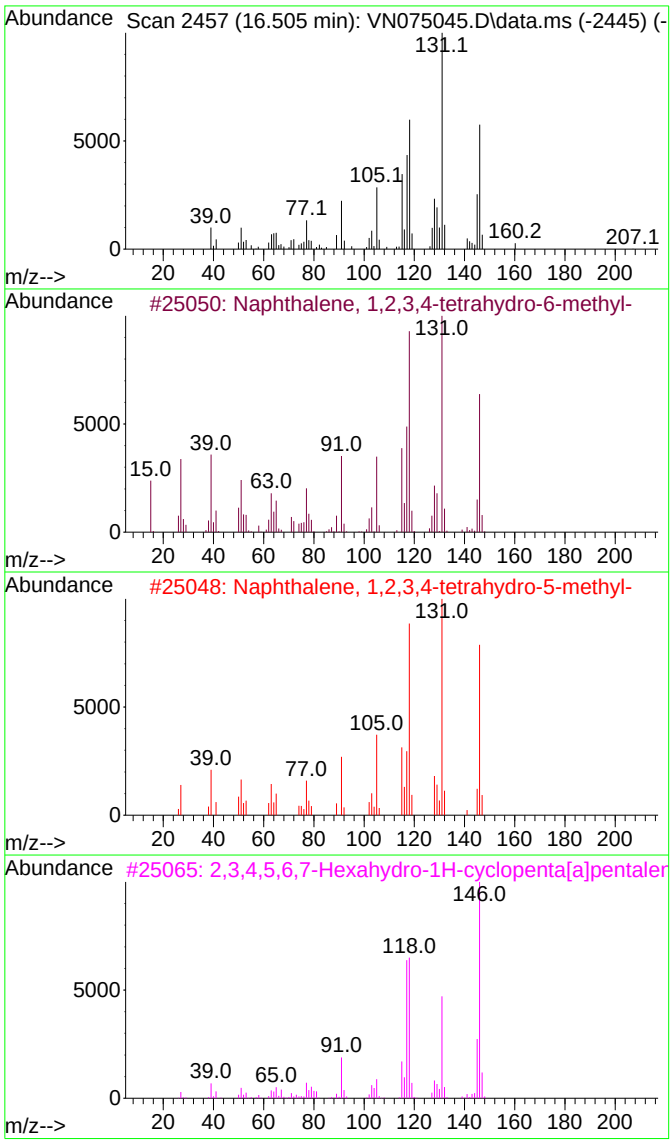
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260

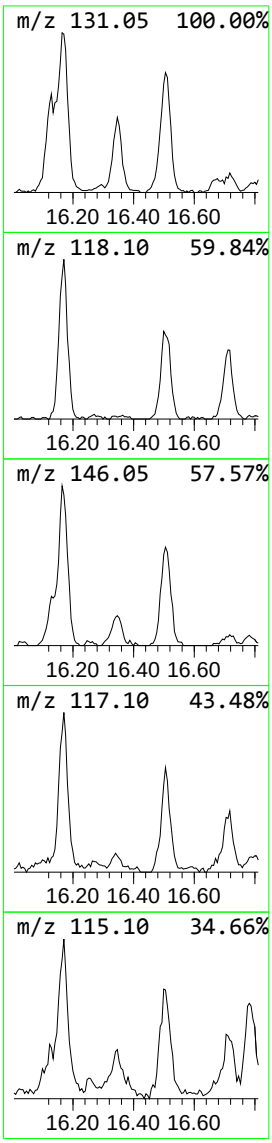
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.505	17.44 ug/l	259220	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
3	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	87
4	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	70
5	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102722\
Data File : VN075045.D
Acq On : 27 Oct 2022 16:55
Operator : JC\MD
Sample : N5303-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
NWB-1837

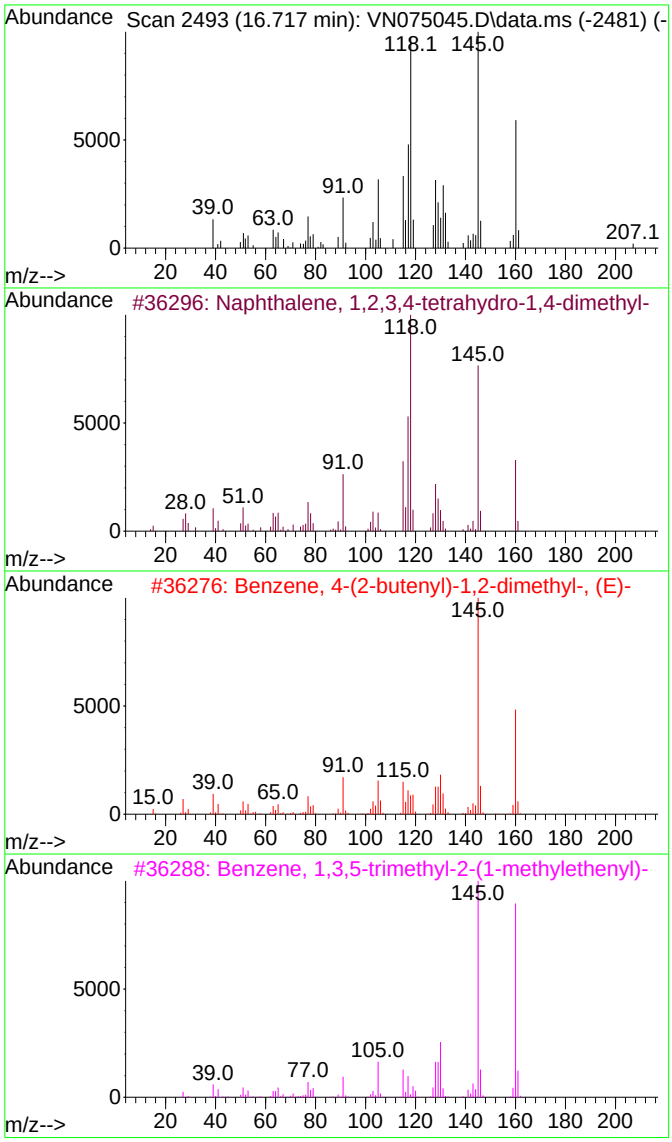
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260

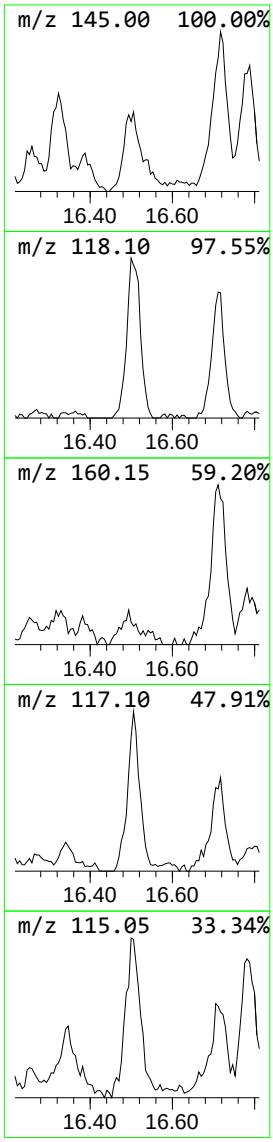
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.717	9.54 ug/l	141778	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	97
2	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	86
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	78
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	70
5	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102722\
Data File : VN075045.D
Acq On : 27 Oct 2022 16:55
Operator : JC\MD
Sample : N5303-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
NWB-1837

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.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
Ethanol	3.812	125.4	ug/l	896240	1	8.229	357446	50.0
Indane	13.994	10.5	ug/l	156283	4	13.794	743062	50.0
Benzene, 2-ethe...	14.929	10.1	ug/l	150668	4	13.794	743062	50.0
Benzene, 1-ethe...	15.053	29.5	ug/l	438908	4	13.794	743062	50.0
Naphthalene, 1,...	15.211	19.9	ug/l	295118	4	13.794	743062	50.0
1H-Indene, 2,3-...	15.441	11.9	ug/l	176032	4	13.794	743062	50.0
1H-1,3,2-Benzod...	16.170	19.8	ug/l	294549	4	13.794	743062	50.0
Naphthalene, 1,...	16.505	17.4	ug/l	259220	4	13.794	743062	50.0
Naphthalene, 1,...	16.717	9.5	ug/l	141778	4	13.794	743062	50.0