LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
Data File : VN075857.D
Acq On : 16 Dec 2022 19:02
Operator : JC\MD
Sample : N6096-09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
33871

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\82N121422W.M
Title : SW846 8260

Signal : TIC: VN075857.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.806	289	298	314	rBV	108034	296902	14.27%	0.996%
2	4.447	399	407	419	rBV2	12968	37904	1.82%	0.127%
3	8.177	1031	1041	1045	rBV	230321	554967	26.67%	1.862%
4	8.230	1045	1050	1063	rVB	462461	1030786	49.54%	3.458%
5	8.588	1098	1111	1123	rBV2	246810	685837	32.96%	2.301%
6	9.106	1189	1199	1211	rBV	609189	1242302	59.71%	4.168%
7	10.571	1439	1448	1454	rBV	910941	1720746	82.70%	5.773%
8	10.635	1454	1459	1472	rVB	430135	783599	37.66%	2.629%
9	11.418	1585	1592	1598	rVB2	10339	24442	1.17%	0.082%
10	11.871	1661	1669	1678	rVB	800331	1446270	69.51%	4.852%
11	11.965	1678	1685	1695	rVB	138180	248350	11.94%	0.833%
12	12.071	1695	1703	1713	rBV	382750	790243	37.98%	2.651%
13	12.400	1749	1759	1767	rBV	547109	977190	46.96%	3.278%
14	12.535	1767	1782	1783	rBV5	46932	144799	6.96%	0.486%
15	12.700	1805	1810	1823	rVB	63398	131942	6.34%	0.443%
16	12.853	1823	1836	1846	rVB	662109	1163214	55.91%	3.902%
17	13.041	1862	1868	1872	rBV	82958	132446	6.37%	0.444%
18	13.100	1872	1878	1881	rVV	380887	638360	30.68%	2.142%
19	13.135	1881	1884	1887	rVV	249717	375877	18.06%	1.261%
20	13.176	1887	1891	1898	rVB	290478	458141	22.02%	1.537%
21	13.341	1912	1919	1929	rBV	292495	508677	24.45%	1.707%
22	13.488	1937	1944	1955	rVB	449847	747200	35.91%	2.507%
23	13.617	1958	1966	1971	rBV3	69598	151307	7.27%	0.508%
24	13.676	1971	1976	1981	rBV	111321	176978	8.51%	0.594%
25	13.729	1981	1985	1990	rVB	44576	67930	3.26%	0.228%
26	13.794	1990	1996	2009	rBV2	795001	2080696	100.00%	6.980%
27	13.953	2018	2023	2025	rBV	99642	148099	7.12%	0.497%
28	13.994	2025	2030	2033	rBV2	358632	678821	32.62%	2.277%
29	14.123	2046	2052	2057	rBV3	59162	112009	5.38%	0.376%
30	14.188	2057	2063	2068	rVB	167273	286028	13.75%	0.960%
31	14.247	2068	2073	2076	rBV	166910	295848	14.22%	0.993%
32	14.276	2076	2078	2083	rVB	172967	217796	10.47%	0.731%
33	14.335	2083	2088	2094	rVB	310499	484951	23.31%	1.627%
34	14.400	2094	2099	2102	rBV	82475	142380	6.84%	0.478%
35	14.447	2102	2107	2113	rVB2	291090	484675	23.29%	1.626%
36	14.523	2116	2120	2124	rBV3	24572	32381	1.56%	0.109%

LSC Area Percent Report

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Data File : VN075857.D
Acq On : 16 Dec 2022 19:02
Operator : JC\MD
Sample : N6096-09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
33871

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\82N121422W.M
Title : SW846 8260

37	14.576	2124	2129	2135	rVB2	134884	225344	10.83%	0.756%
38	14.659	2135	2143	2146	rBV	188463	329972	15.86%	1.107%
39	14.694	2146	2149	2154	rVV	264198	402583	19.35%	1.351%
40	14.741	2154	2157	2160	rVB	75857	91861	4.41%	0.308%
41	14.776	2160	2163	2167	rBV2	38993	49528	2.38%	0.166%
42	14.882	2172	2181	2184	rBV3	93952	185593	8.92%	0.623%
43	14.929	2184	2189	2194	rBV	299033	546858	26.28%	1.835%
44	15.059	2201	2211	2216	rBV2	628173	1505181	72.34%	5.050%
45	15.106	2216	2219	2230	rVB3	72695	189153	9.09%	0.635%
46	15.217	2230	2238	2245	rBV	481882	892123	42.88%	2.993%
47	15.323	2245	2256	2260	rBV3	213880	542473	26.07%	1.820%
48	15.447	2268	2277	2284	rVB4	214736	565142	27.16%	1.896%
49	15.600	2297	2303	2305	rBV5	28994	57215	2.75%	0.192%
50	15.641	2305	2310	2315	rVV2	88478	181316	8.71%	0.608%
51	15.706	2315	2321	2325	rVV	185357	355594	17.09%	1.193%
52	15.759	2325	2330	2331	rVV2	105967	176005	8.46%	0.590%
53	15.788	2332	2335	2353	rVB5	153959	502629	24.16%	1.686%
54	15.947	2354	2362	2371	rBV	164430	357164	17.17%	1.198%
55	16.029	2371	2376	2379	rBV5	14206	25287	1.22%	0.085%
56	16.135	2384	2394	2395	rVV2	150269	329147	15.82%	1.104%
57	16.170	2395	2400	2410	rVV	450113	1009122	48.50%	3.385%
58	16.258	2410	2415	2422	rVV4	56894	141523	6.80%	0.475%
59	16.347	2422	2430	2446	rVB4	128659	436281	20.97%	1.464%
60	16.511	2446	2458	2471	rBV	304846	772953	37.15%	2.593%
61	16.717	2482	2493	2499	rBV3	168650	437215	21.01%	1.467%

Sum of corrected areas: 29807355

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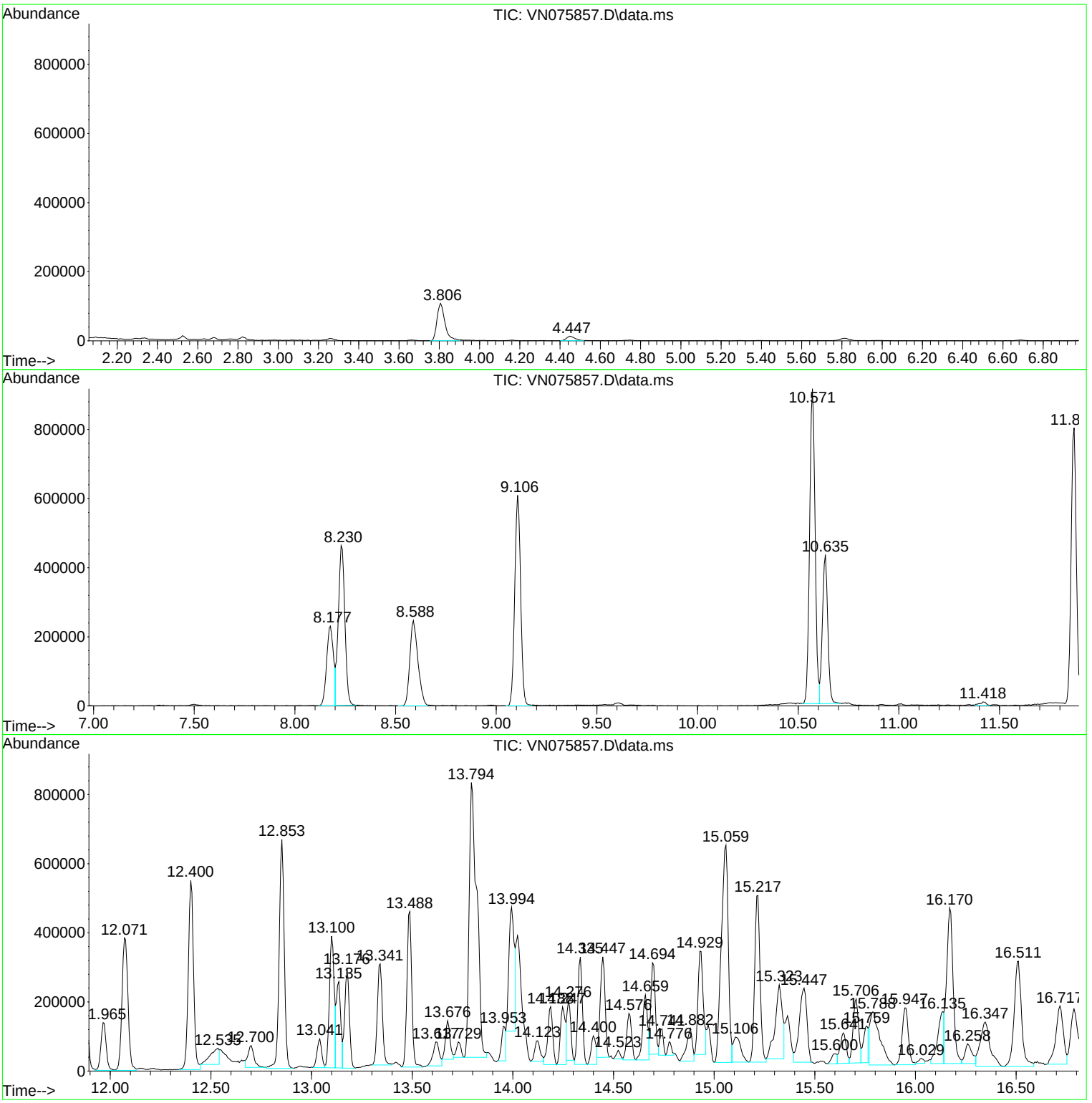
Sample : N6096-09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
33871

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
Data File : VN075857.D
Acq On : 16 Dec 2022 19:02
Operator : JC\MD
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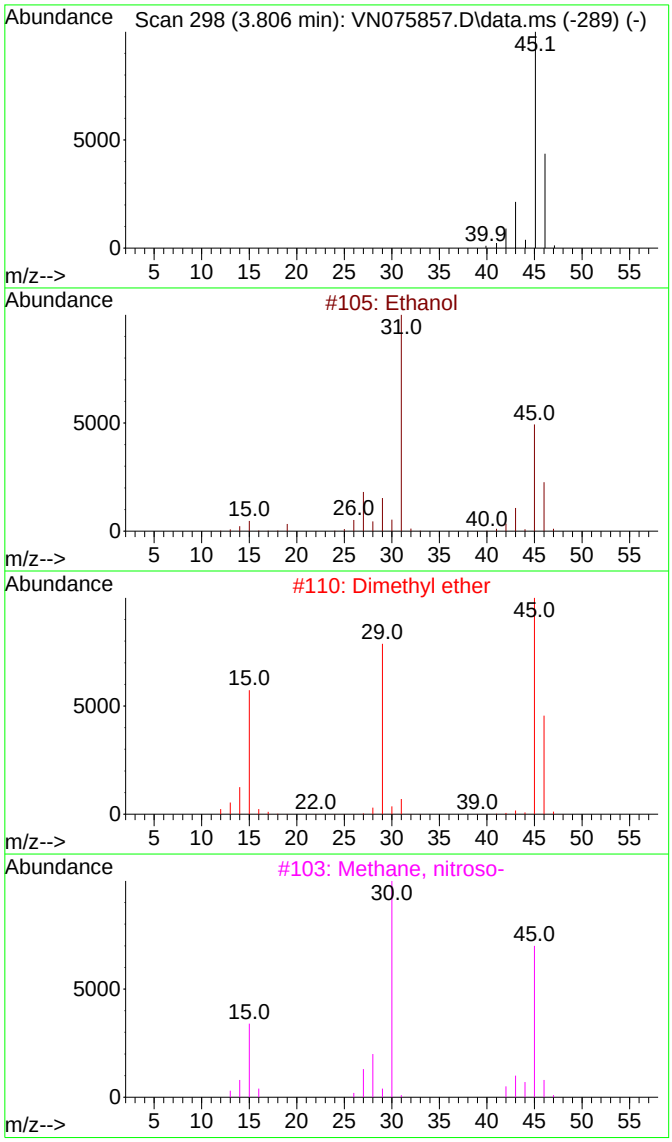
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260

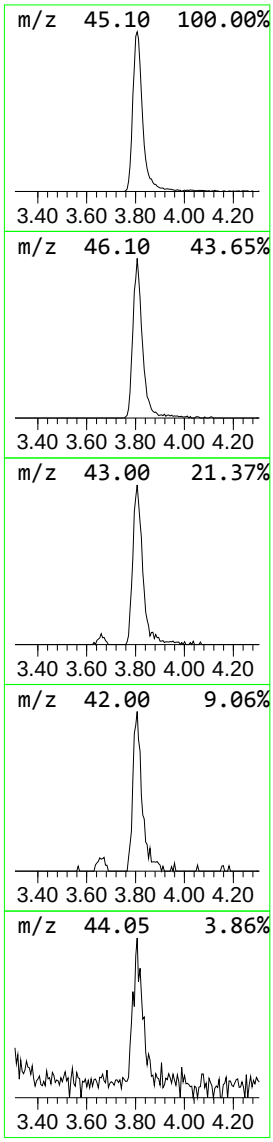
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.806	14.40 ug/l	296902	Pentafluorobenzene	8.230

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\VN121622\
Data File : VN075857.D
Acq On : 16 Dec 2022 19:02
Operator : JC\MD
Sample : N6096-09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
33871

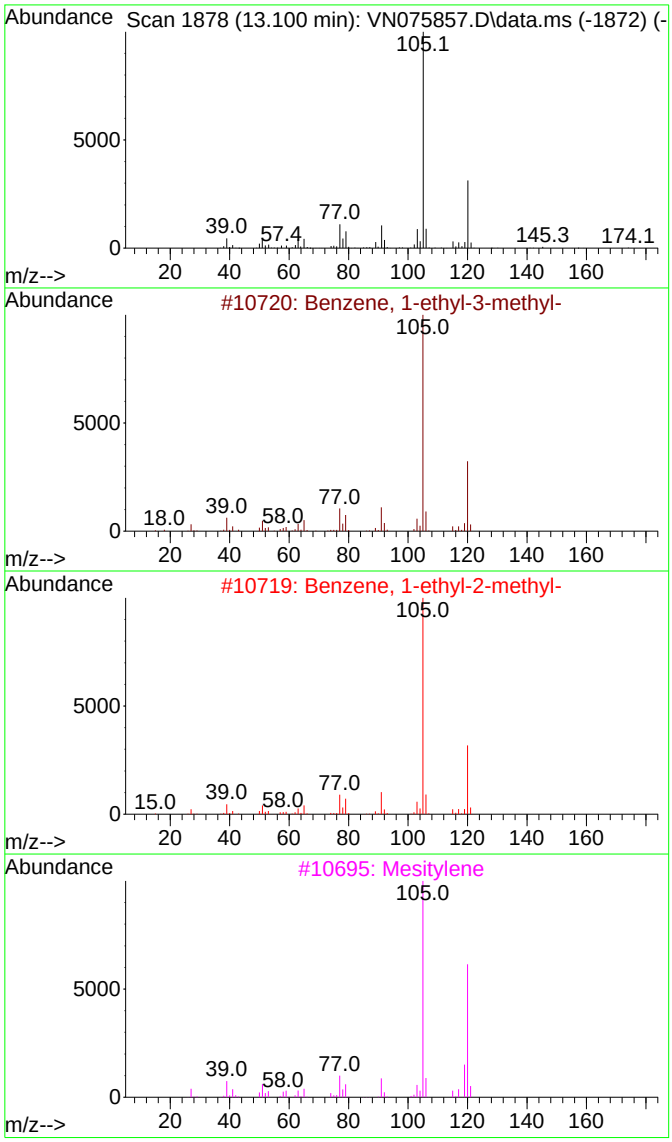
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260

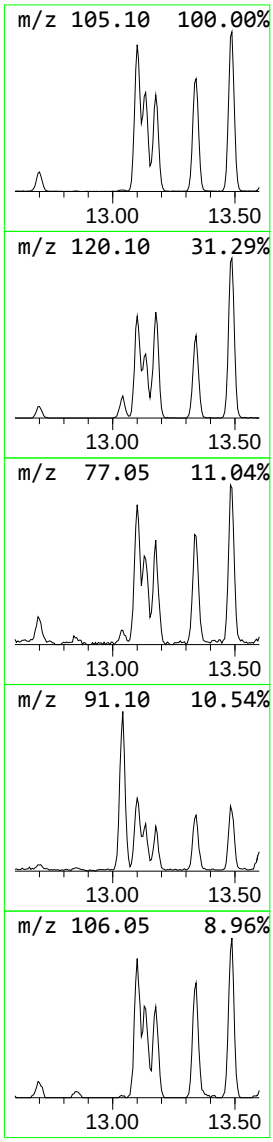
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.100	15.34 ug/l	638360	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
Data File : VN075857.D
Acq On : 16 Dec 2022 19:02
Operator : JC\MD
Sample : N6096-09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
33871

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260

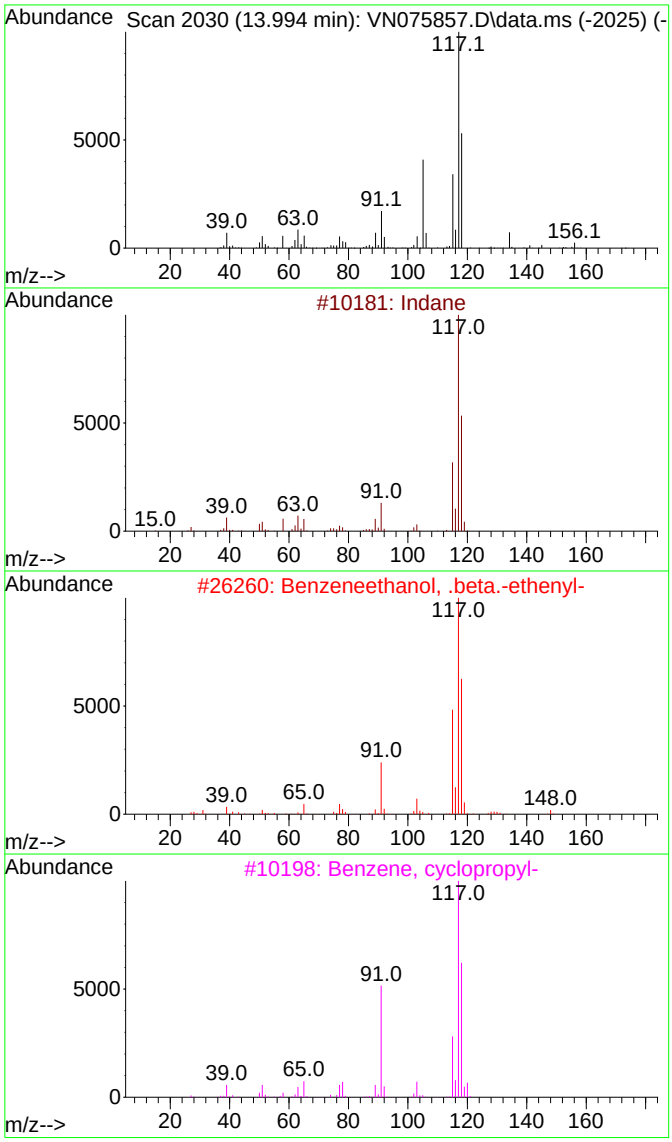
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

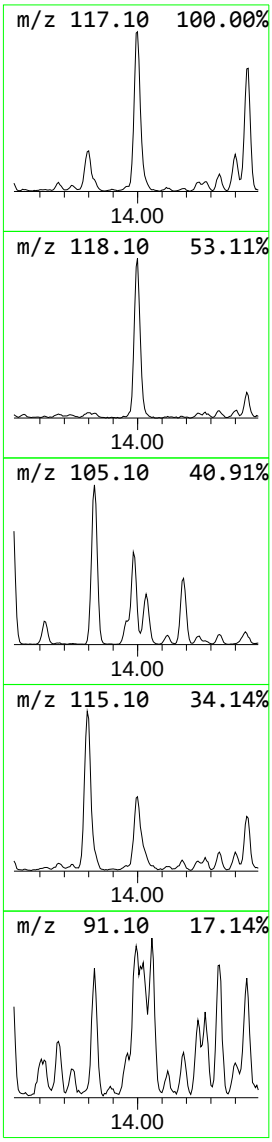
****

Peak Number 3 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.994	16.31 ug/l	678821	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	72
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	68
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
Data File : VN075857.D
Acq On : 16 Dec 2022 19:02
Operator : JC\MD
Sample : N6096-09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
33871

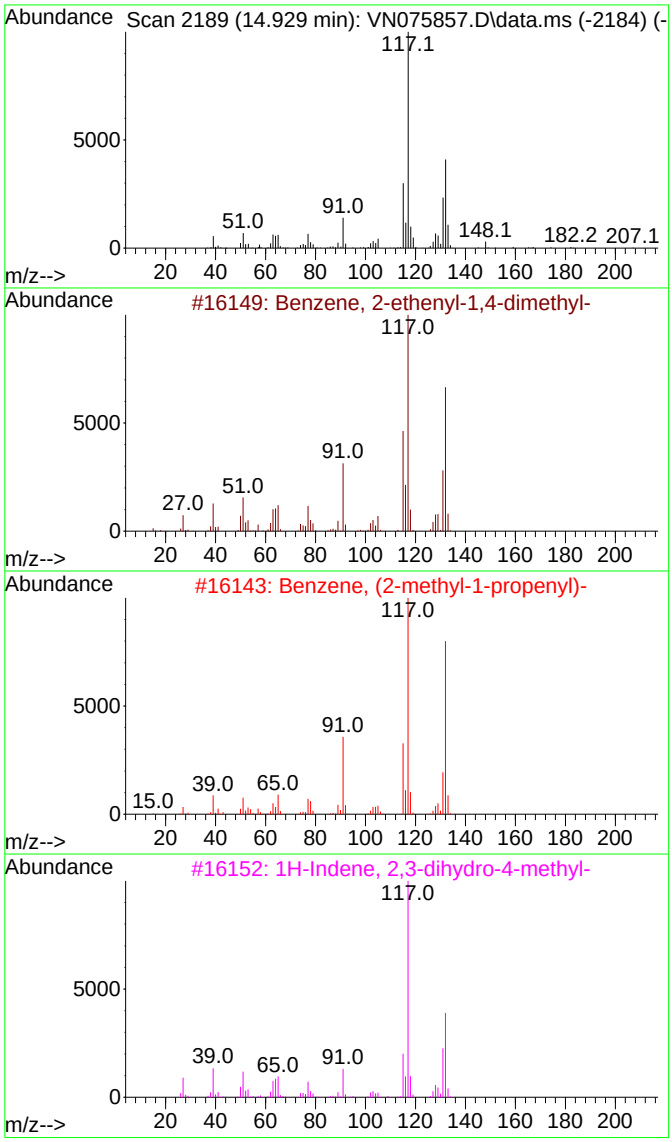
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260

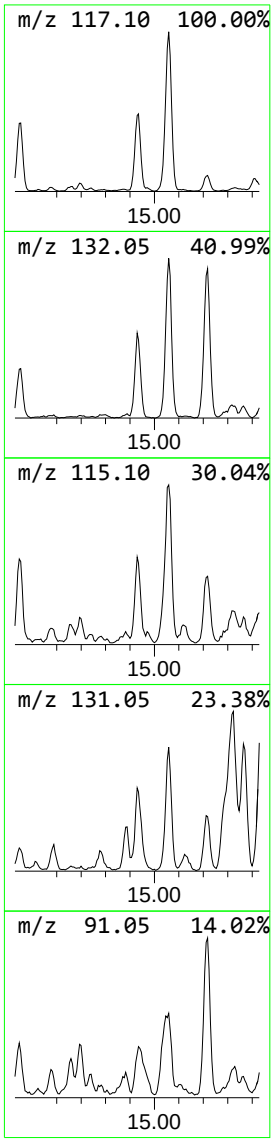
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.929	13.14 ug/l	546858	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	91
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
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Operator : JC\MD
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ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
33871

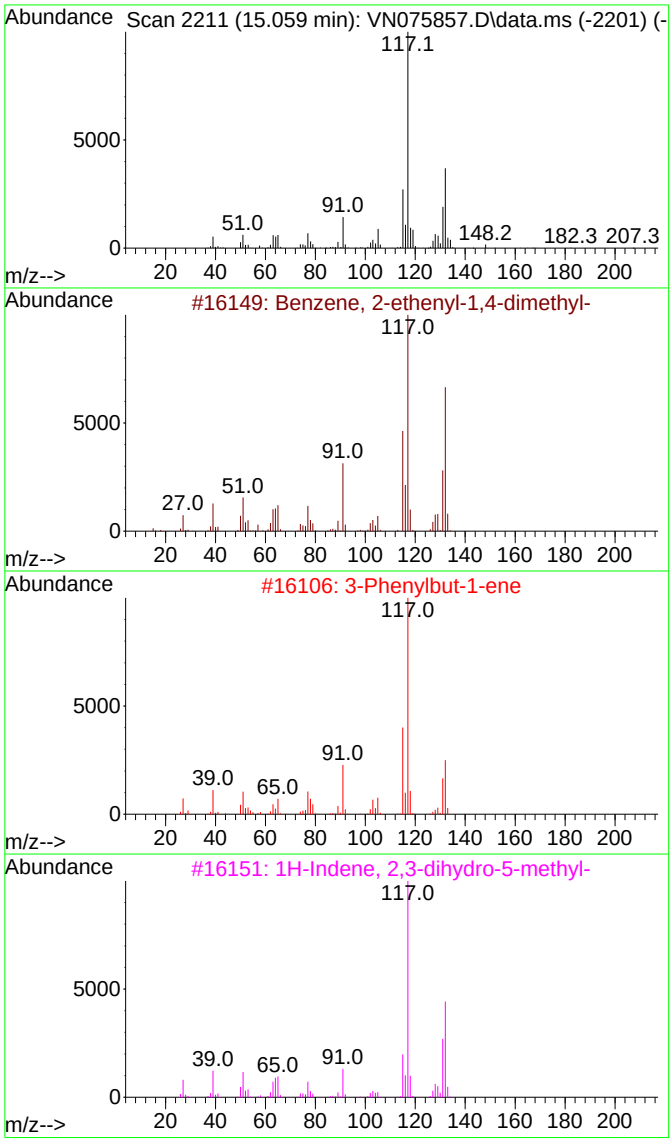
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260

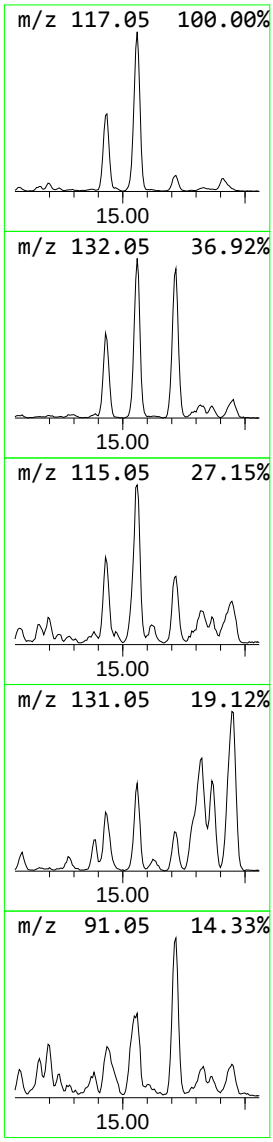
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 3-Phenylbut-1-ene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.059	36.17 ug/l	1505180	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	96
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87





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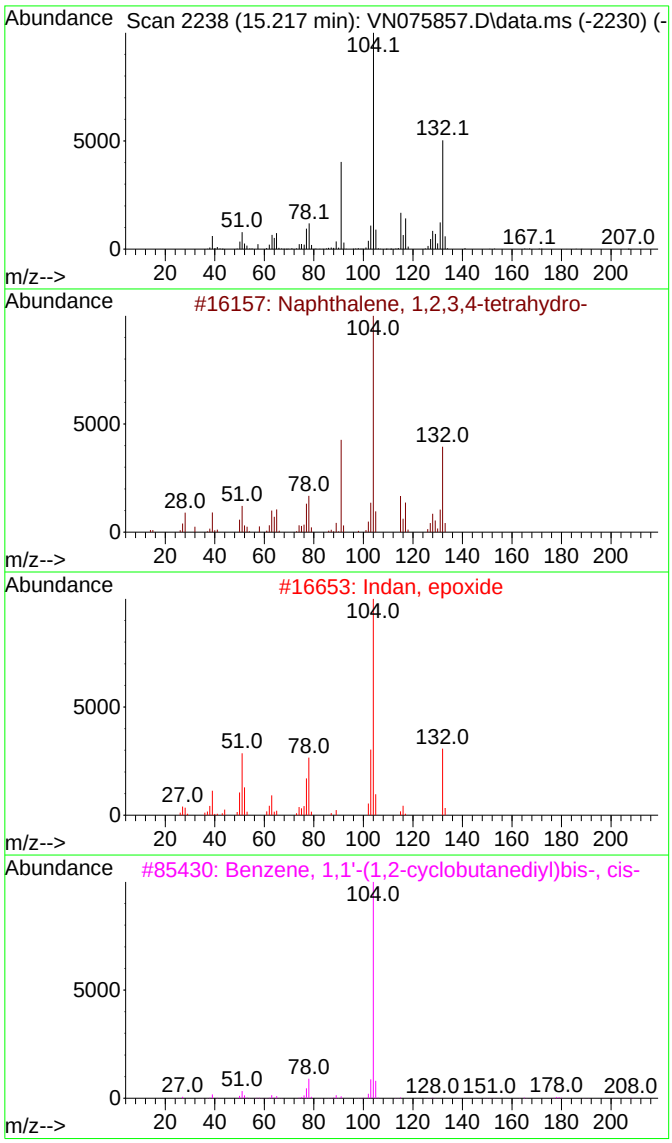
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260

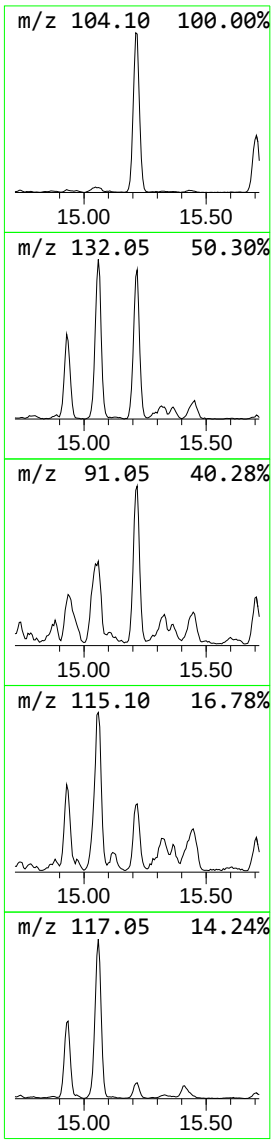
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.217	21.44 ug/l	892123	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	96
2	Indan, epoxide	132	C9H8O	000768-22-9	62
3	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	38
4	2-Furanone, 4-phenyltetrahydro	162	C10H10O2	1000197-38-4	38
5	p-Toluenesulfonic acid phenethyl...	276	C15H16O3S	004455-09-8	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
Data File : VN075857.D
Acq On : 16 Dec 2022 19:02
Operator : JC\MD
Sample : N6096-09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
33871

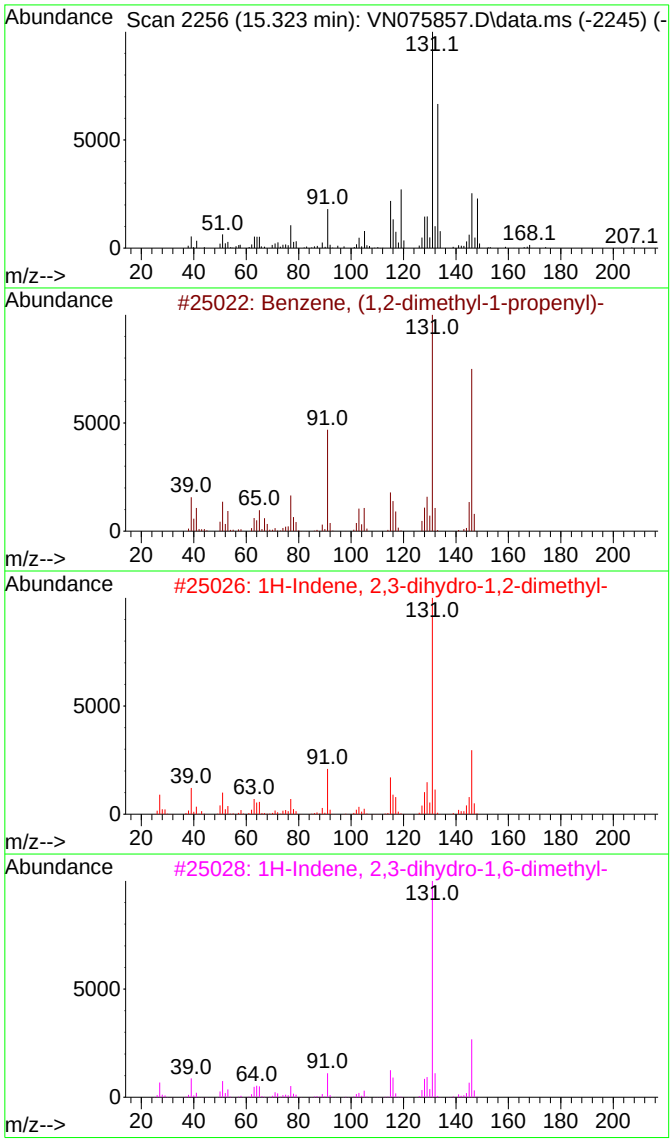
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260

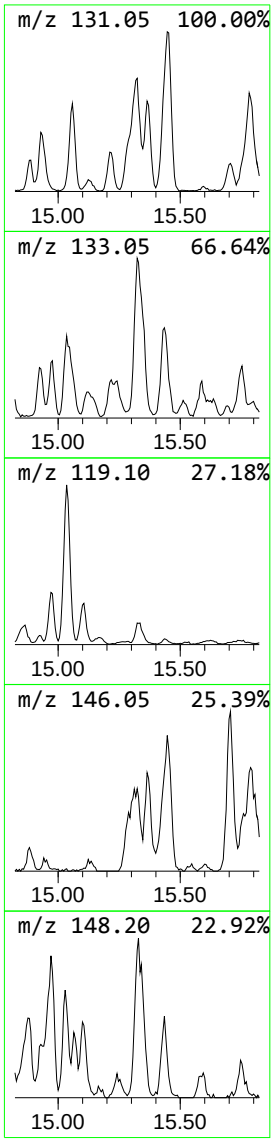
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.323	13.04 ug/l	542473	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	83
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
Data File : VN075857.D
Acq On : 16 Dec 2022 19:02
Operator : JC\MD
Sample : N6096-09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
33871

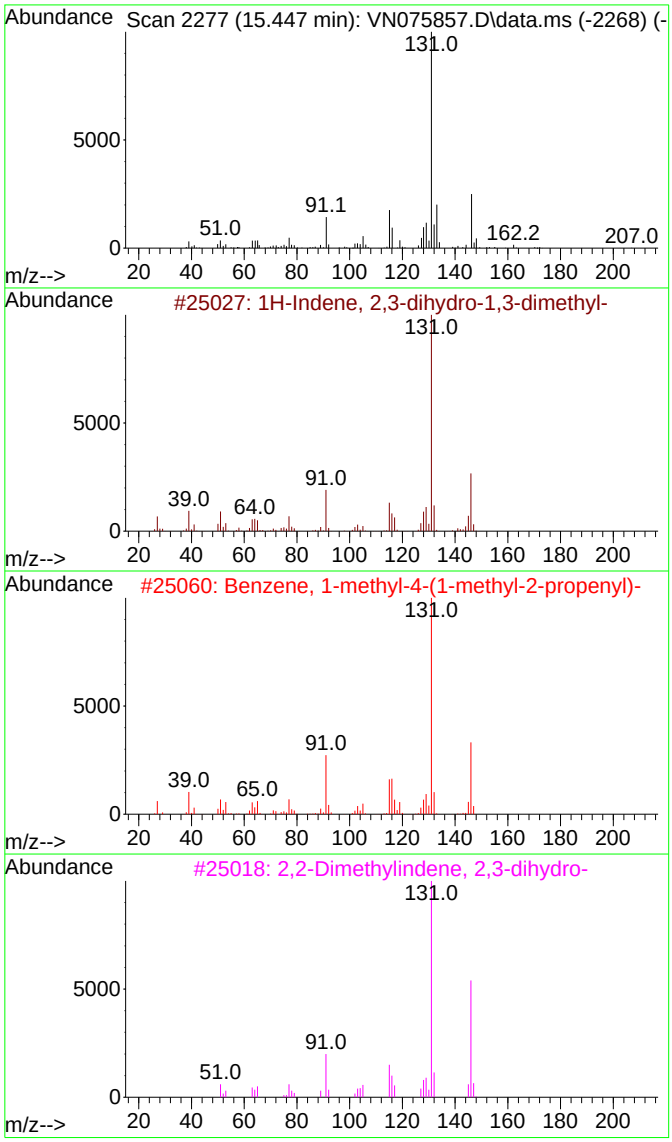
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260

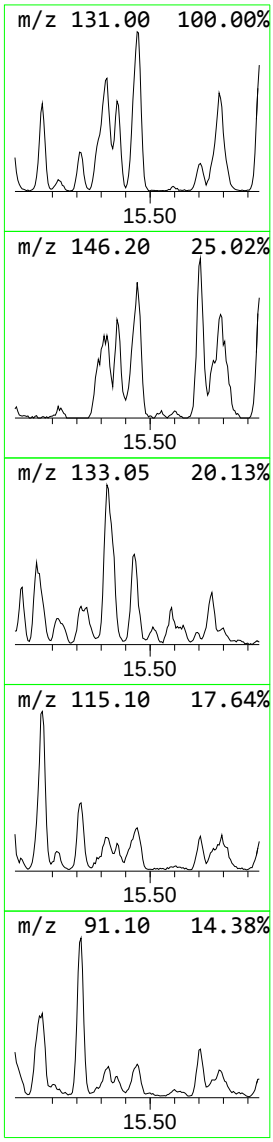
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.447	13.58 ug/l	565142	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
2	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	87
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	83
5	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
Data File : VN075857.D
Acq On : 16 Dec 2022 19:02
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
33871

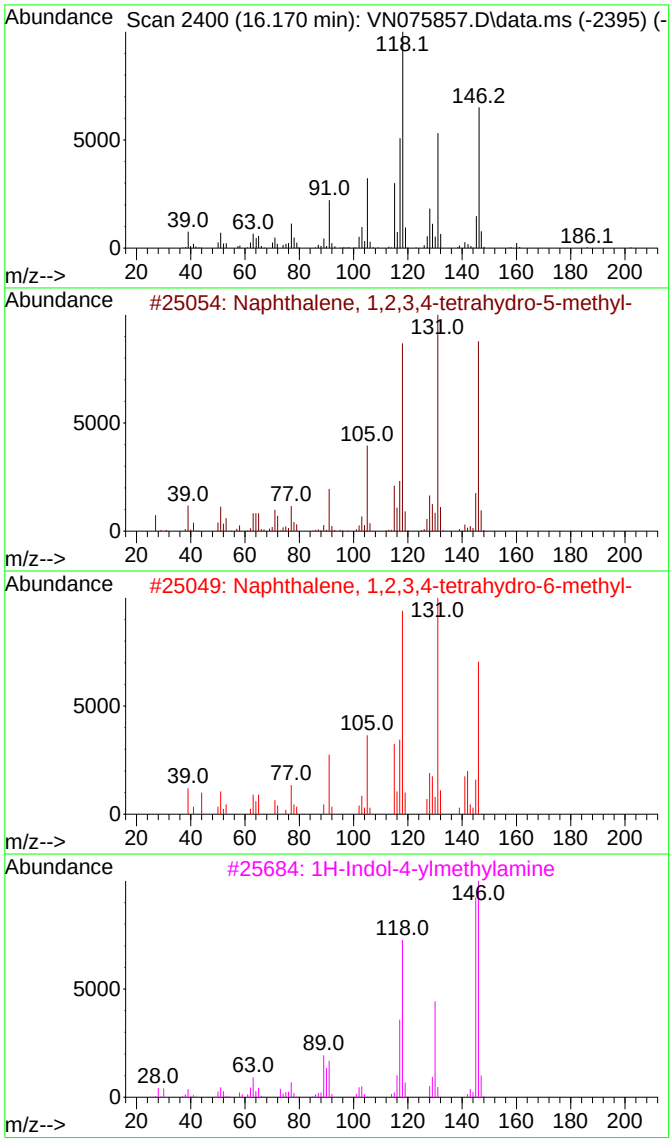
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260

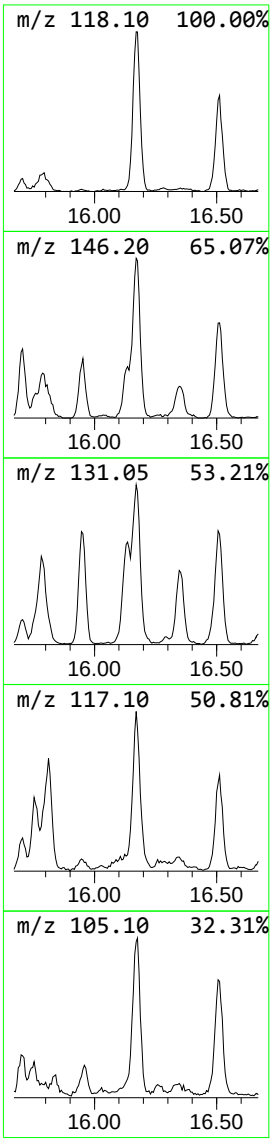
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.170	24.25 ug/l	1009120	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	76
3	1H-Indol-4-ylmethylamine	146	C9H10N2	003468-18-6	52
4	1(2H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000529-34-0	46
5	Pyridine, 3-(3,4-dihydro-2H-pyrr...	146	C9H10N2	000532-12-7	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
Data File : VN075857.D
Acq On : 16 Dec 2022 19:02
Operator : JC\MD
Sample : N6096-09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
33871

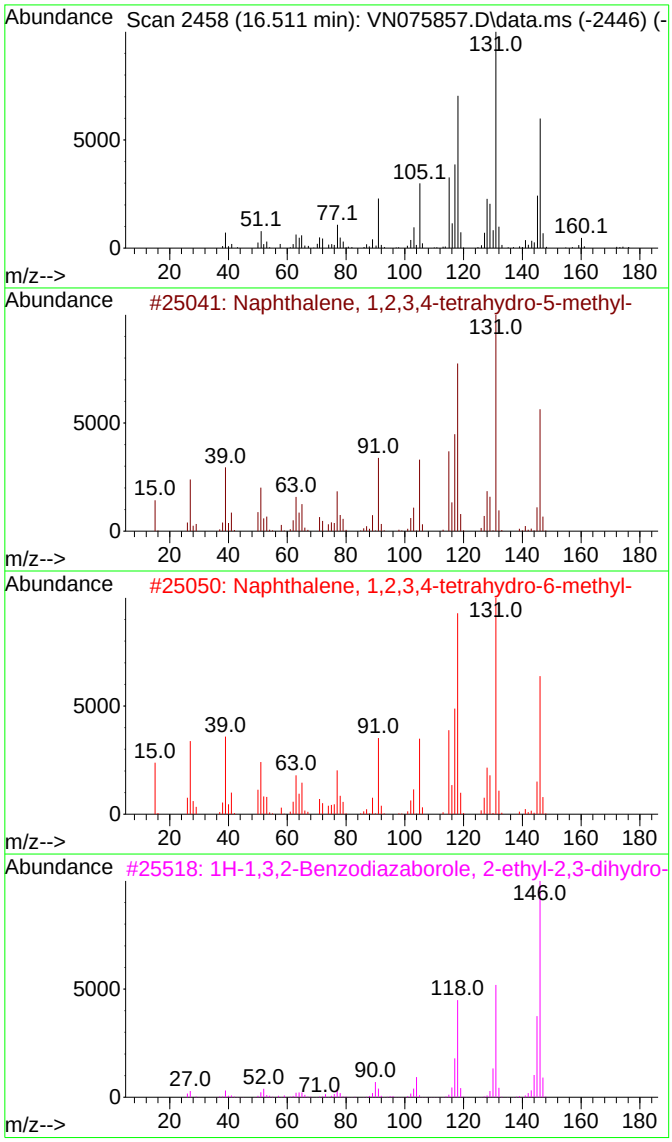
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260

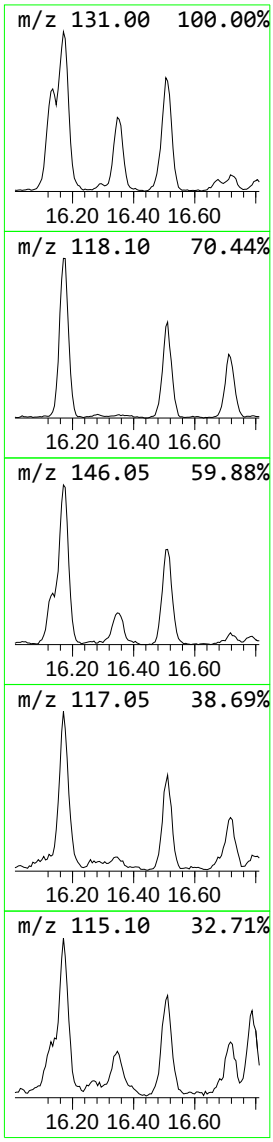
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.511	18.57 ug/l	772953	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	90
4	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	64
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
Data File : VN075857.D
Acq On : 16 Dec 2022 19:02
Operator : JC\MD
Sample : N6096-09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
33871

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.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	3.806	14.4	ug/l	296902	1	8.230	1030790	50.0
Benzene, 1-ethy...	13.100	15.3	ug/l	638360	4	13.794	2080700	50.0
Indane	13.994	16.3	ug/l	678821	4	13.794	2080700	50.0
Benzene, 2-ethe...	14.929	13.1	ug/l	546858	4	13.794	2080700	50.0
3-Phenylbut-1-ene	15.059	36.2	ug/l	1505180	4	13.794	2080700	50.0
Naphthalene, 1,...	15.217	21.4	ug/l	892123	4	13.794	2080700	50.0
Benzene, (1,2-d...	15.323	13.0	ug/l	542473	4	13.794	2080700	50.0
1H-Indene, 2,3-...	15.447	13.6	ug/l	565142	4	13.794	2080700	50.0
Naphthalene, 1,...	16.170	24.3	ug/l	1009120	4	13.794	2080700	50.0
Naphthalene, 1,...	16.511	18.6	ug/l	772953	4	13.794	2080700	50.0