LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010423\
Data File : VN076096.D
Acq On : 04 Jan 2023 21:07
Operator : JC\MD
Sample : 01011-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
NWB-1865

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: VN076096.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.677	99	106	114	rBV	38649	69976	1.48%	0.117%
2	3.818	288	300	325	rBV	1803479	4743826	100.00%	7.956%
3	4.441	395	406	425	rBV	187440	579753	12.22%	0.972%
4	8.177	1029	1041	1045	rBV	211209	497859	10.49%	0.835%
5	8.229	1045	1050	1063	rVB	401738	904084	19.06%	1.516%
6	8.588	1095	1111	1120	rBV2	223170	648622	13.67%	1.088%
7	8.665	1120	1124	1138	rVV3	16812	70571	1.49%	0.118%
8	9.106	1191	1199	1209	rBV	541179	1101448	23.22%	1.847%
9	10.570	1440	1448	1454	rBV	806193	1466461	30.91%	2.460%
10	10.635	1454	1459	1473	rVB	522398	952731	20.08%	1.598%
11	11.870	1659	1669	1679	rBV	722810	1257904	26.52%	2.110%
12	11.965	1679	1685	1694	rVV	112434	191017	4.03%	0.320%
13	12.070	1696	1703	1714	rBV	357396	663487	13.99%	1.113%
14	12.400	1751	1759	1767	rBV	356101	597857	12.60%	1.003%
15	12.700	1801	1810	1815	rBV2	28920	51582	1.09%	0.087%
16	12.853	1829	1836	1845	rVB	583562	971252	20.47%	1.629%
17	13.041	1861	1868	1872	rBV	108825	174353	3.68%	0.292%
18	13.100	1872	1878	1882	rVV	757886	1302298	27.45%	2.184%
19	13.135	1882	1884	1887	rVV	359567	464672	9.80%	0.779%
20	13.176	1887	1891	1898	rVB	559712	885240	18.66%	1.485%
21	13.341	1908	1919	1926	rBV	465488	775017	16.34%	1.300%
22	13.488	1936	1944	1957	rVB	1710133	2811701	59.27%	4.716%
23	13.617	1957	1966	1971	rBV2	47530	100795	2.12%	0.169%
24	13.676	1971	1976	1981	rBV	138289	214127	4.51%	0.359%
25	13.729	1981	1985	1990	rBV	46055	74567	1.57%	0.125%
26	13.800	1990	1997	1998	rBV	780268	1246566	26.28%	2.091%
27	13.823	1998	2001	2007	rVB	1083548	1655053	34.89%	2.776%
28	13.876	2007	2010	2017	rVB3	50534	84454	1.78%	0.142%
29	13.953	2017	2023	2025	rBV	262401	400816	8.45%	0.672%
30	13.994	2025	2030	2033	rBV2	877983	1614685	34.04%	2.708%
31	14.117	2046	2051	2057	rBV4	109059	200663	4.23%	0.337%
32	14.188	2057	2063	2068	rBV	251748	404742	8.53%	0.679%
33	14.247	2068	2073	2076	rBV	591591	979258	20.64%	1.642%
34	14.276	2076	2078	2083	rVB	496929	632065	13.32%	1.060%
35	14.335	2083	2088	2094	rVB	956378	1469704	30.98%	2.465%
36	14.400	2094	2099	2102	rBV	212435	341071	7.19%	0.572%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010423\
Data File : VN076096.D
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Operator : JC\MD
Sample : 01011-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
NWB-1865

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

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Peak separation: 5

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

37	14.447	2102	2107	2116	rVB2	802022	1385522	29.21%	2.324%
38	14.576	2123	2129	2135	rBV2	351156	578851	12.20%	0.971%
39	14.658	2135	2143	2146	rBV	686580	1179843	24.87%	1.979%
40	14.694	2146	2149	2154	rVB	943439	1327779	27.99%	2.227%
41	14.741	2154	2157	2160	rVB	208045	251437	5.30%	0.422%
42	14.776	2160	2163	2171	rVB2	150704	257232	5.42%	0.431%
43	14.882	2171	2181	2184	rBV2	215995	384133	8.10%	0.644%
44	14.929	2184	2189	2194	rBV	1026592	1785083	37.63%	2.994%
45	15.058	2201	2211	2216	rBV2	1909880	4304792	90.75%	7.220%
46	15.211	2230	2237	2245	rBV	1390857	2542487	53.60%	4.264%
47	15.323	2245	2256	2261	rBV3	631863	1766179	37.23%	2.962%
48	15.447	2268	2277	2285	rVB4	612392	1606951	33.87%	2.695%
49	15.594	2296	2302	2306	rBV4	100388	211517	4.46%	0.355%
50	15.641	2306	2310	2315	rVV	266257	506377	10.67%	0.849%
51	15.705	2315	2321	2325	rVV	408323	793545	16.73%	1.331%
52	15.752	2325	2329	2331	rVV3	280125	477807	10.07%	0.801%
53	15.788	2332	2335	2354	rVB5	372608	1368917	28.86%	2.296%
54	15.952	2354	2363	2370	rBV	439422	948315	19.99%	1.591%
55	16.023	2372	2375	2381	rVV5	32662	68402	1.44%	0.115%
56	16.170	2384	2400	2409	rVV	1175048	3229968	68.09%	5.417%
57	16.258	2410	2415	2421	rVV	129509	288750	6.09%	0.484%
58	16.347	2421	2430	2445	rVB2	303818	990522	20.88%	1.661%
59	16.511	2447	2458	2470	rBV	738022	1826520	38.50%	3.063%
60	16.717	2482	2493	2499	rBV2	365032	941824	19.85%	1.580%

Sum of corrected areas: 59623030

LSC Report - Integrated Chromatogram

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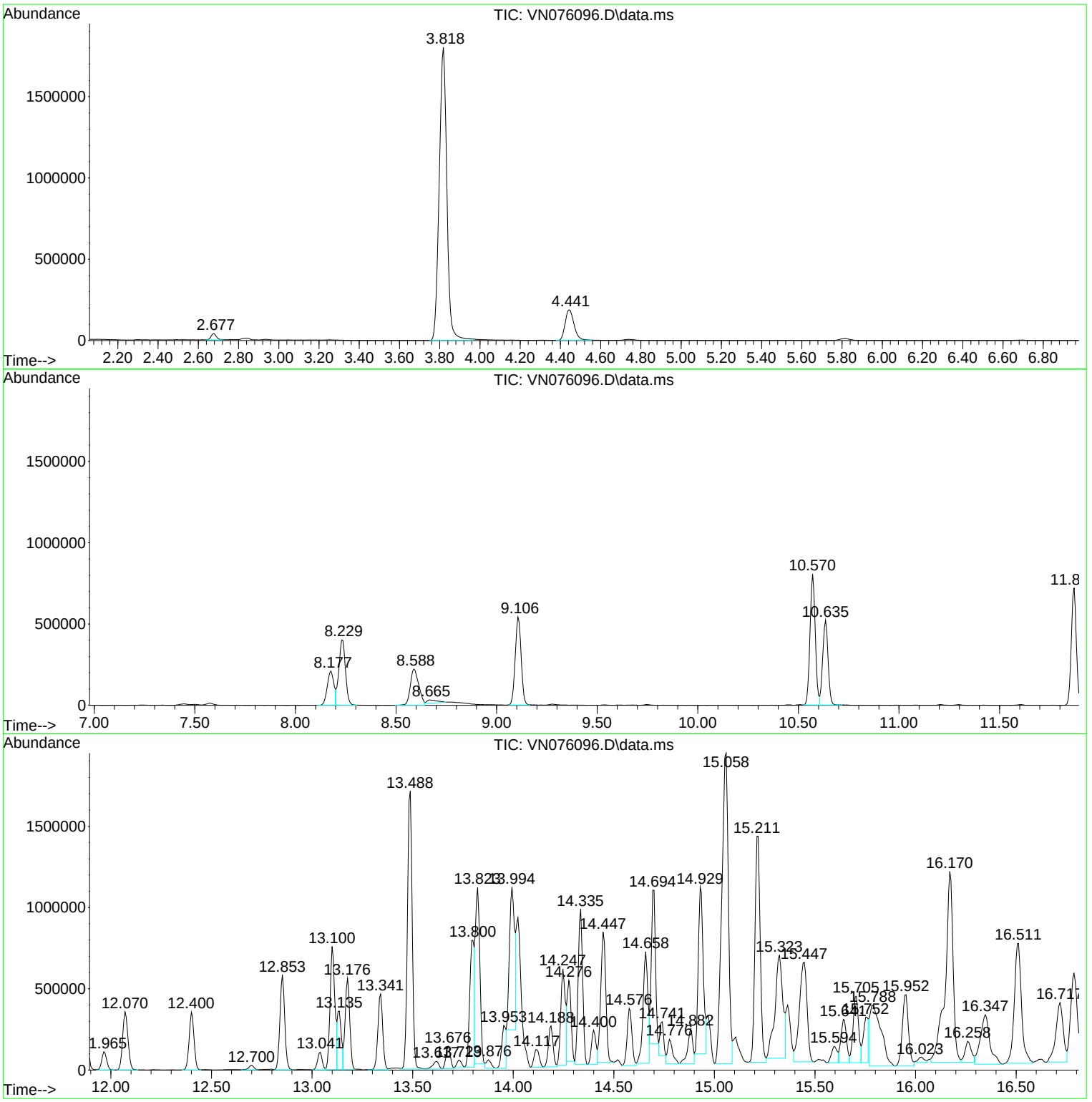
Sample : 01011-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
NWB-1865

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\VN010423\
Data File : VN076096.D
Acq On : 04 Jan 2023 21:07
Operator : JC\MD
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
NWB-1865

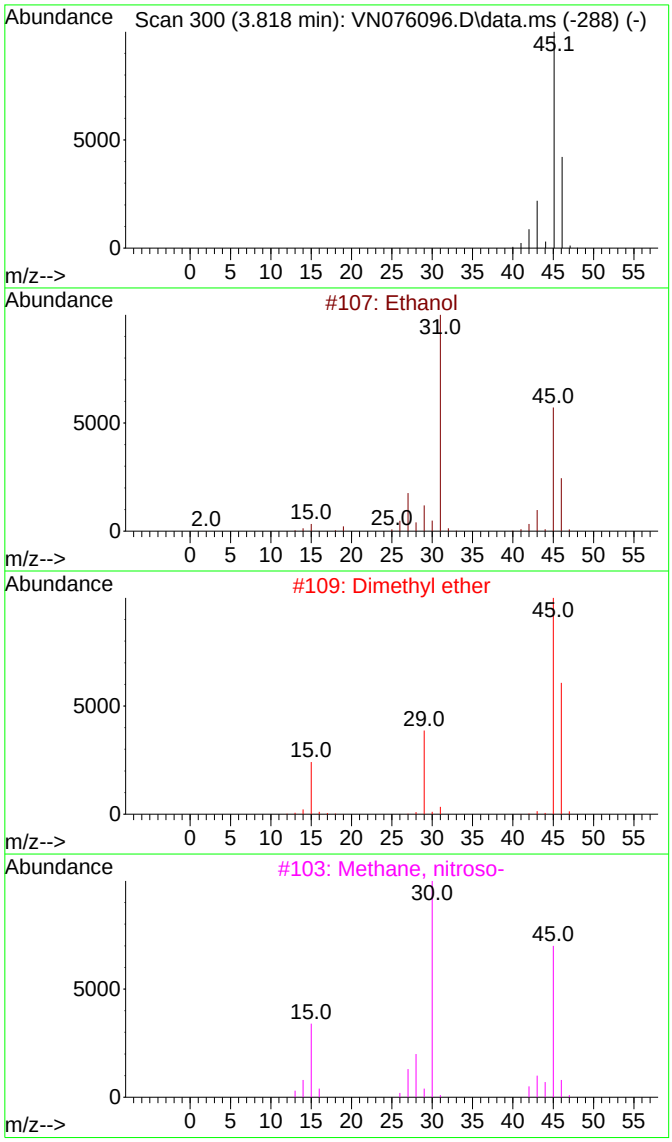
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260

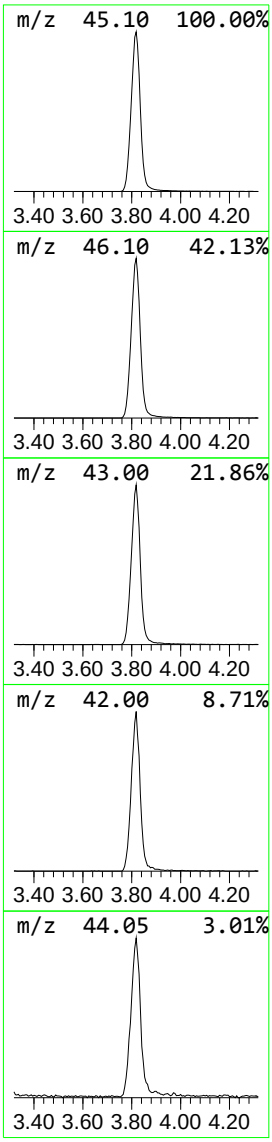
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.818	262.36 ug/l	4743830	Pentafluorobenzene	8.235

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





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Data File : VN076096.D
Acq On : 04 Jan 2023 21:07
Operator : JC\MD
Sample : 01011-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
NWB-1865

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

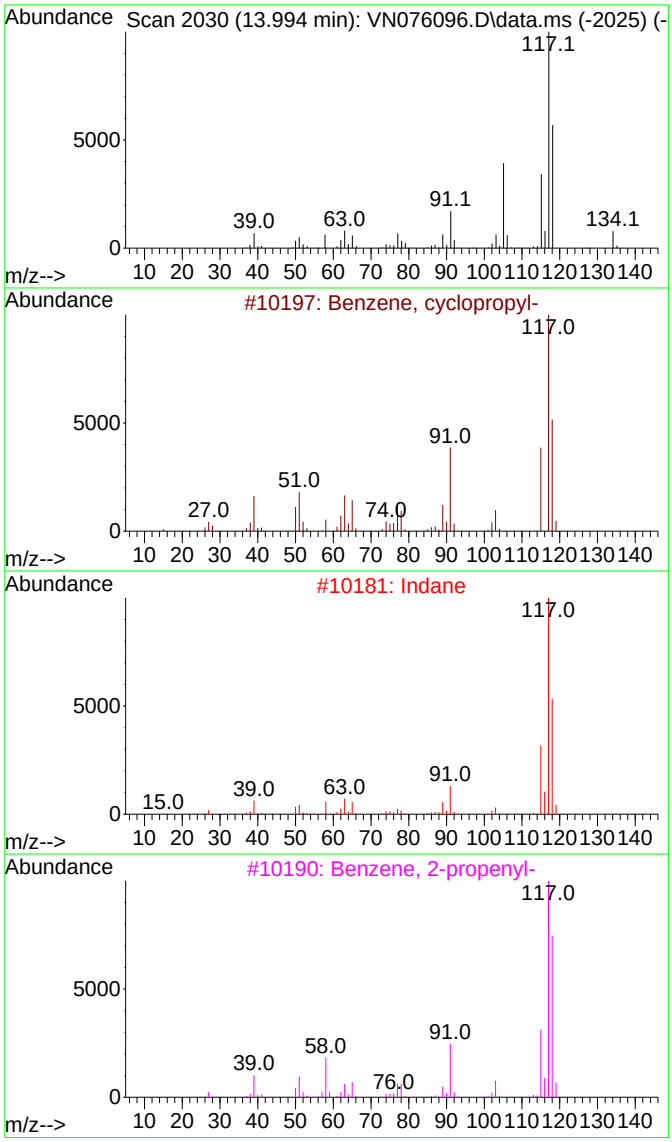
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

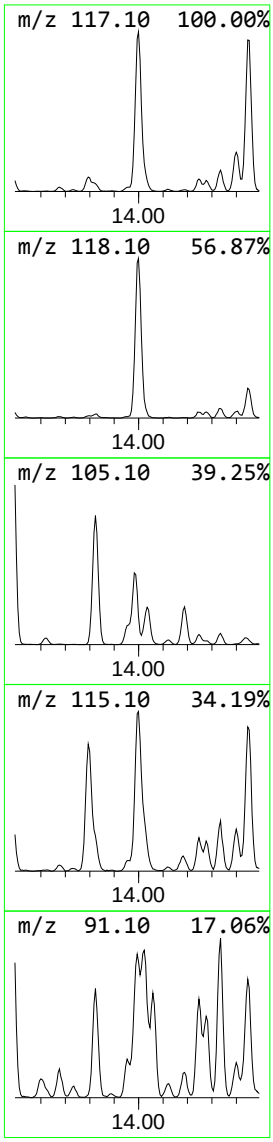
****

Peak Number 2 Benzene, cyclopropyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.994	64.77 ug/l	1614690	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
2	Indane	118	C9H10	000496-11-7	76
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	68
5	Deltacyclene	118	C9H10	007785-10-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010423\
Data File : VN076096.D
Acq On : 04 Jan 2023 21:07
Operator : JC\MD
Sample : 01011-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
NWB-1865

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

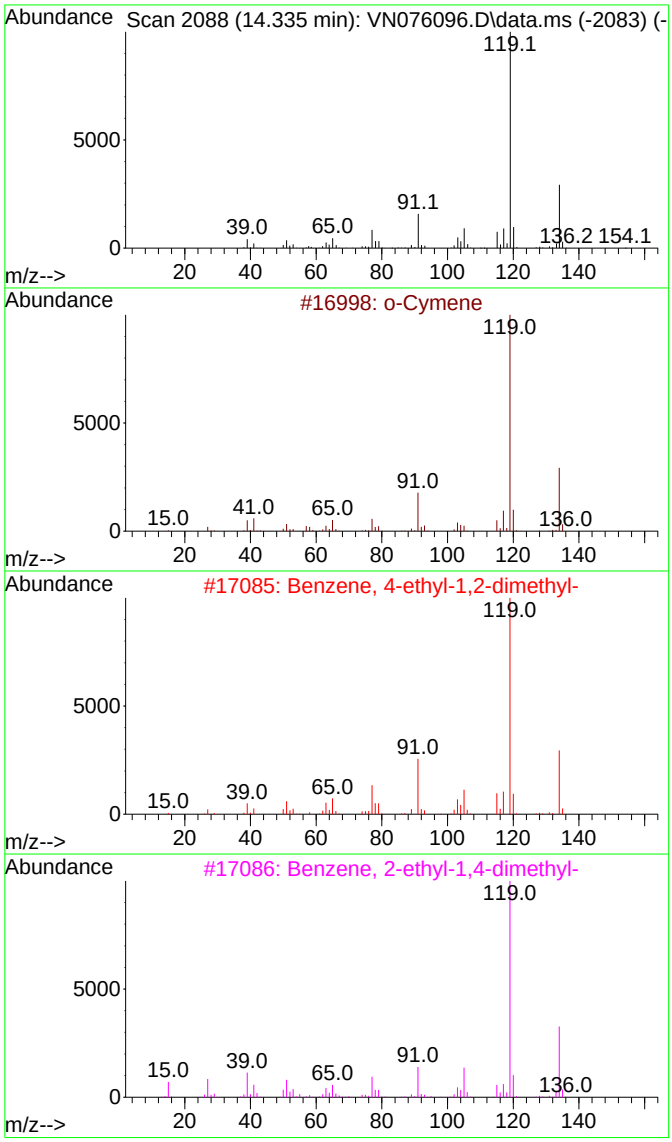
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

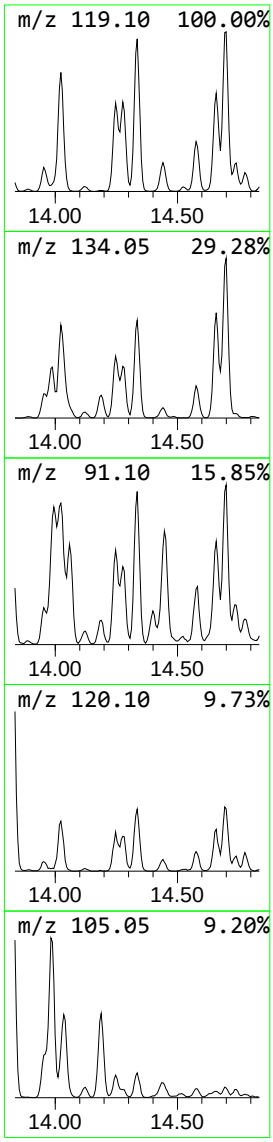
****

Peak Number 3 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.335	58.95 ug/l	1469700	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	p-Cymene	134	C10H14	000099-87-6	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010423\
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Sample : 01011-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
NWB-1865

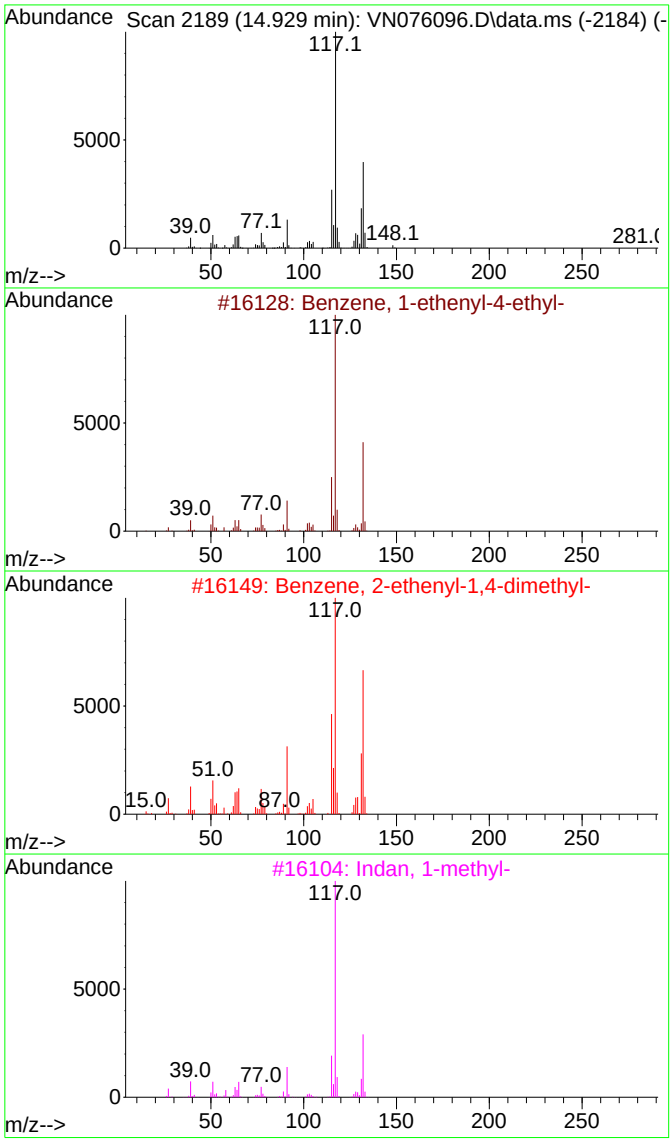
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260

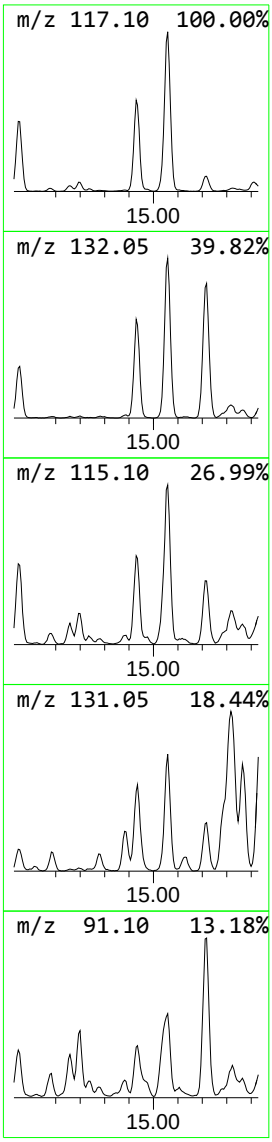
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.929	71.60 ug/l	1785080	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	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3	Indan, 1-methyl-	132	C10H12	000767-58-8	91
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	91
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90





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ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
NWB-1865

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

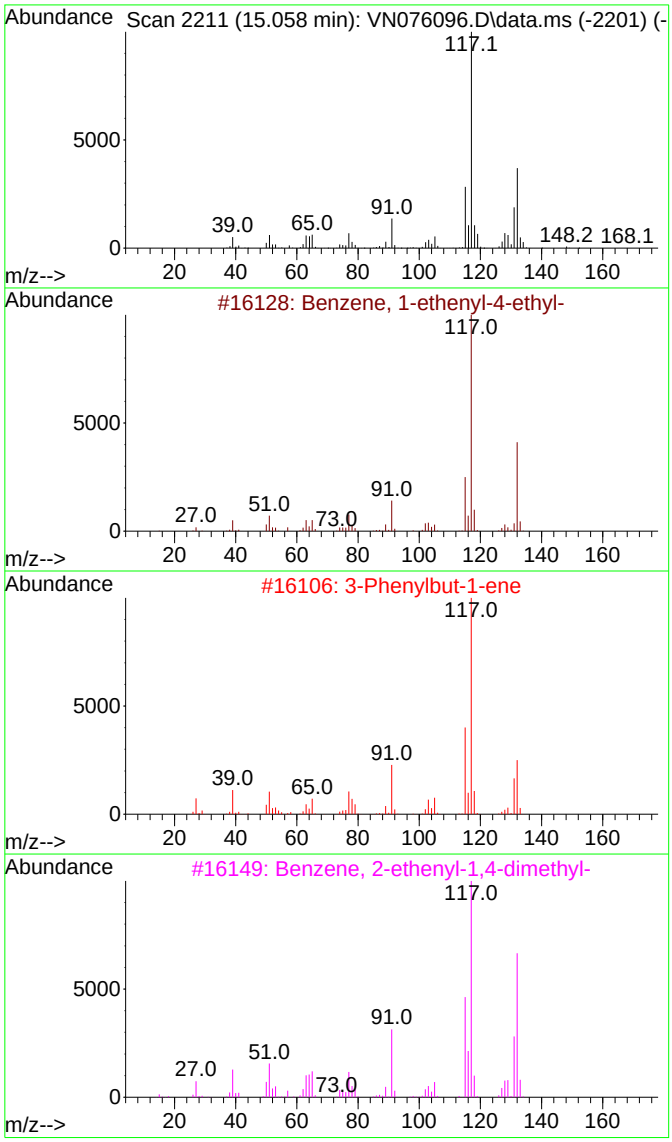
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

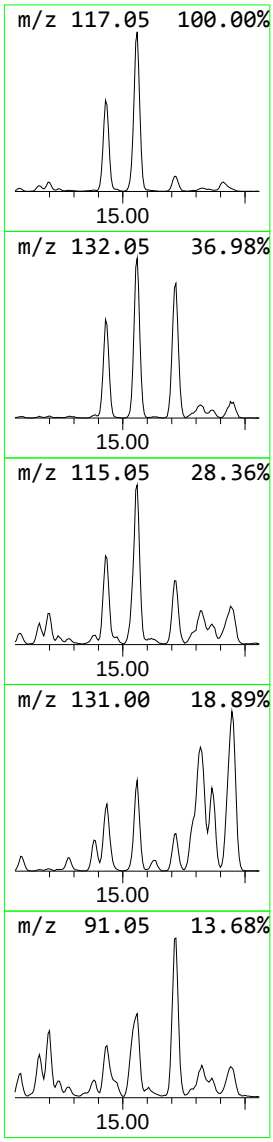
****

Peak Number 5 3-Phenylbut-1-ene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.058	172.67 ug/l	4304790	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	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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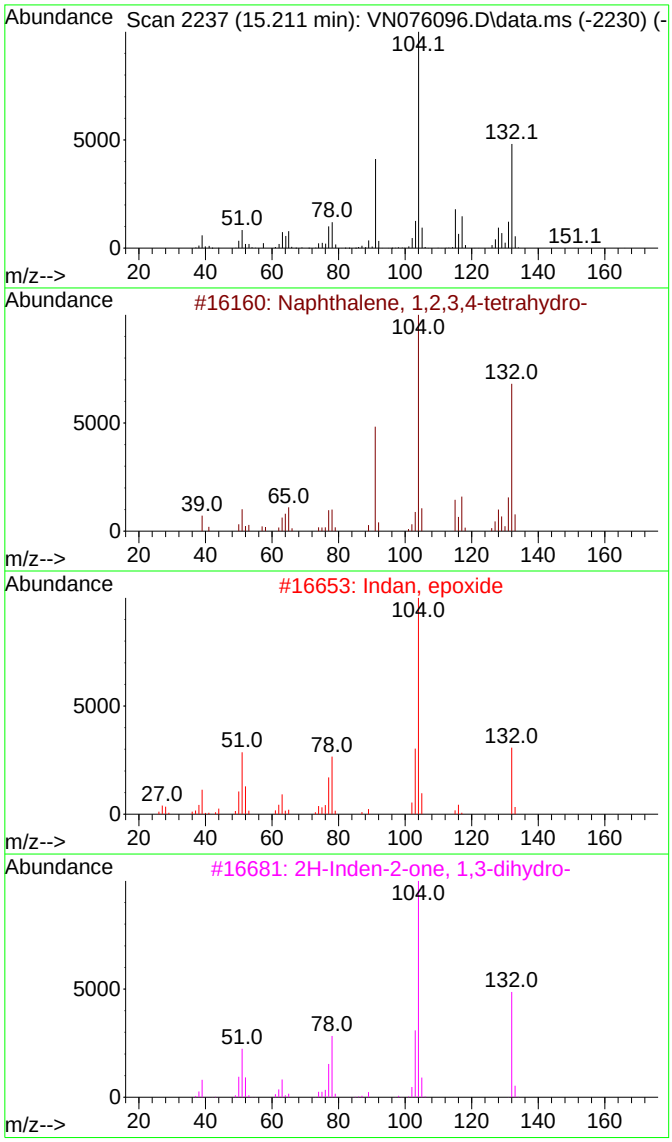
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260

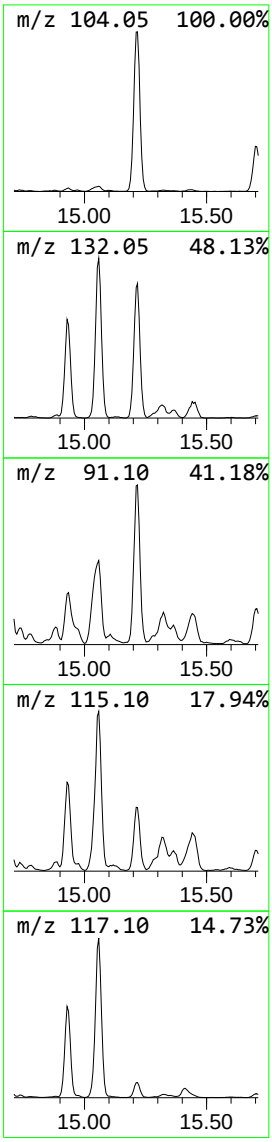
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.211	101.98 ug/l	2542490	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	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	62
4	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	46
5	Styrene	104	C8H8	000100-42-5	38





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Data File : VN076096.D
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Sample : 01011-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
NWB-1865

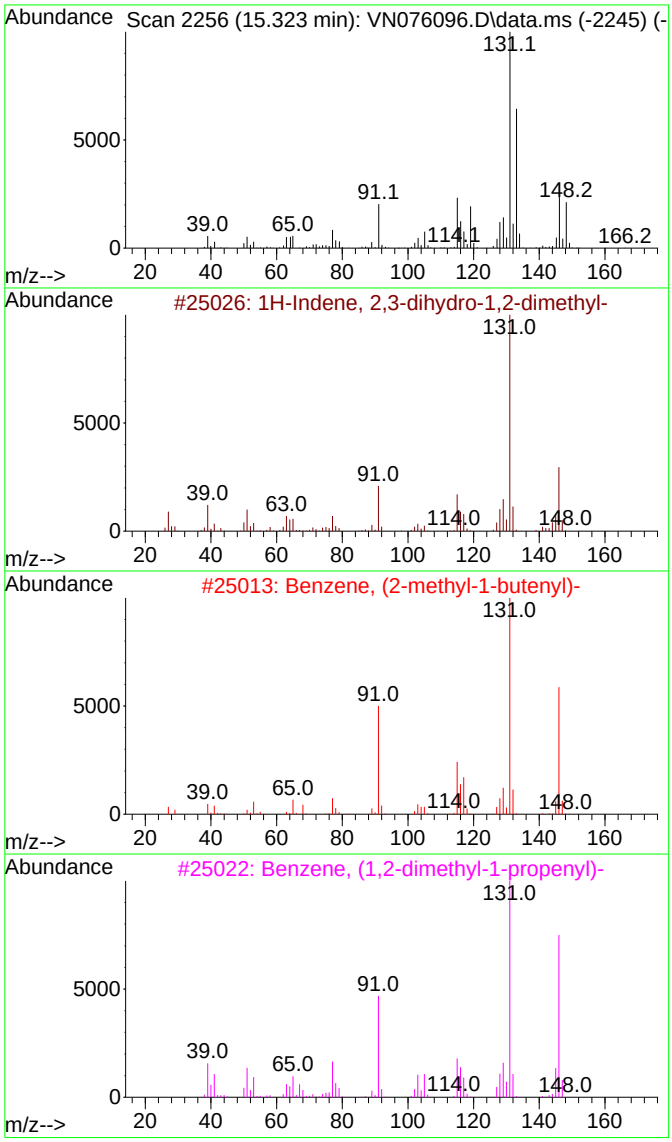
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260

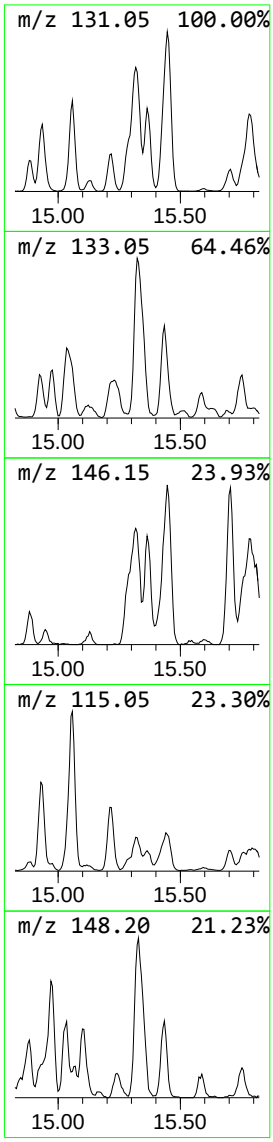
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.323	70.84 ug/l	1766180	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	83
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	83
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	78
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010423\
Data File : VN076096.D
Acq On : 04 Jan 2023 21:07
Operator : JC\MD
Sample : 01011-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
NWB-1865

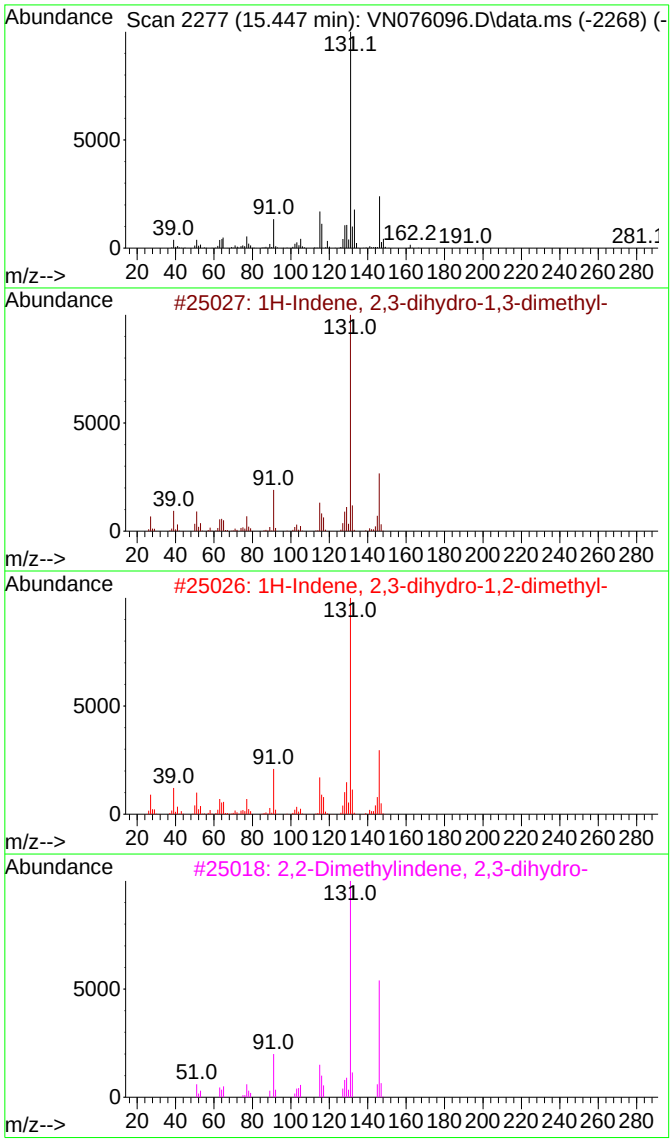
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260

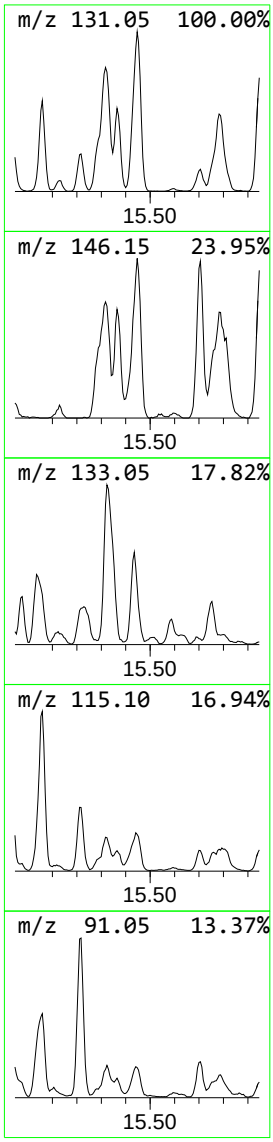
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.447	64.46 ug/l	1606950	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	90
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010423\
Data File : VN076096.D
Acq On : 04 Jan 2023 21:07
Operator : JC\MD
Sample : 01011-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
NWB-1865

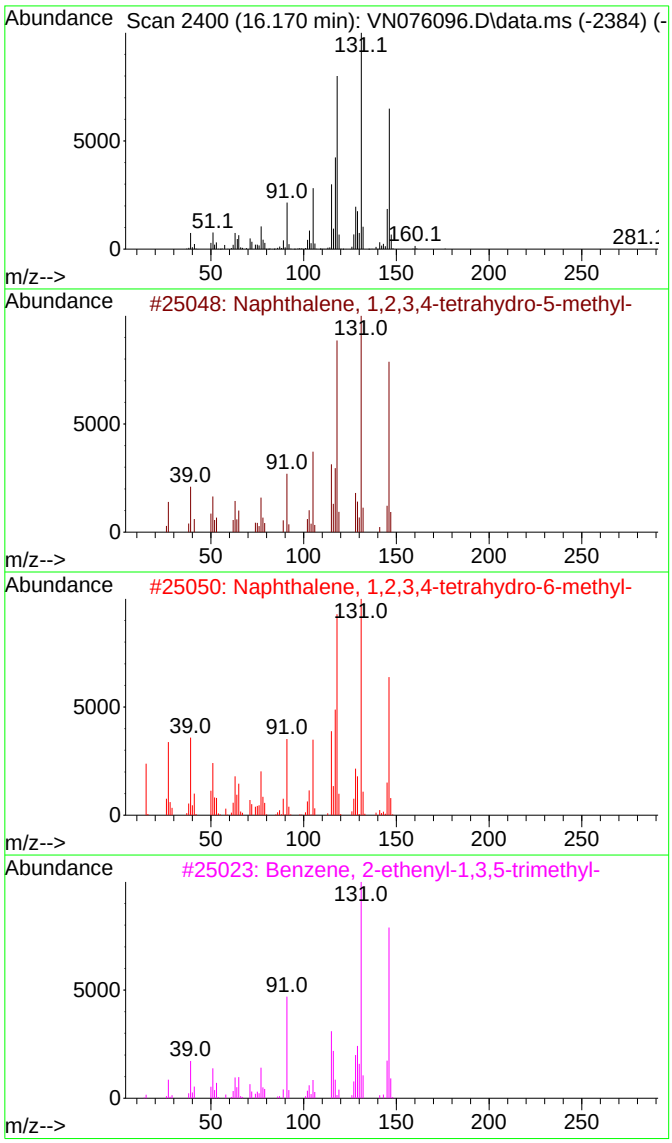
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260

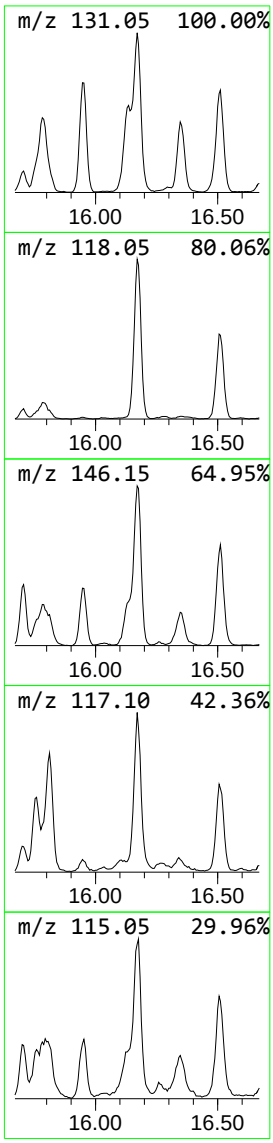
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.170	129.56 ug/l	3229970	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	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	78
4	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	58
5	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010423\
Data File : VN076096.D
Acq On : 04 Jan 2023 21:07
Operator : JC\MD
Sample : 01011-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
NWB-1865

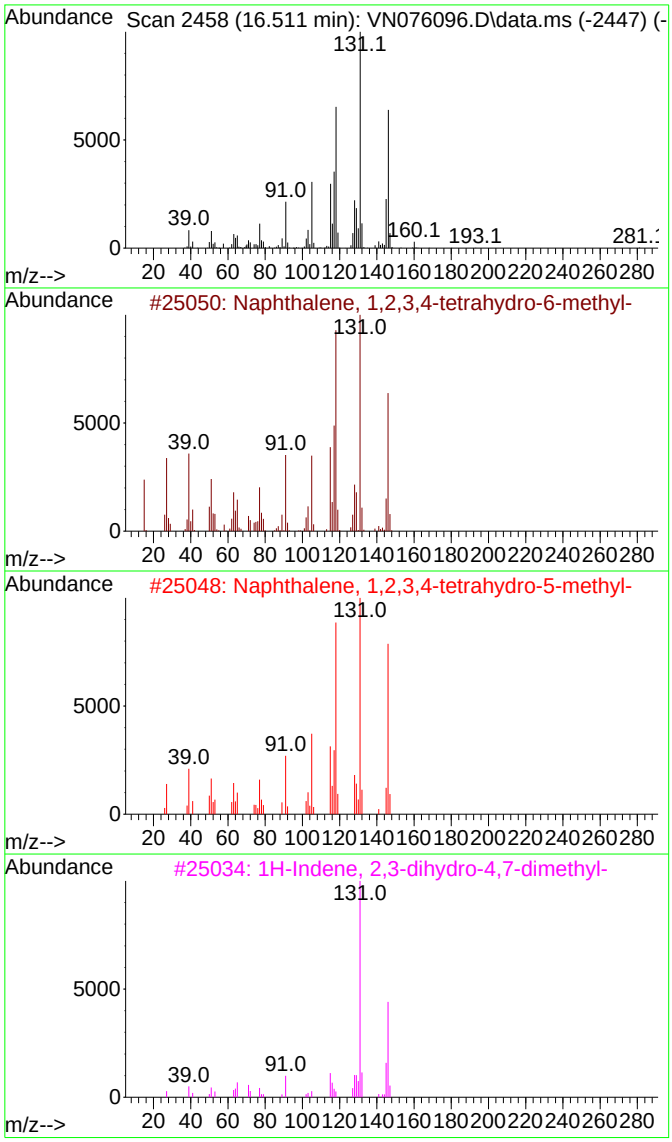
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260

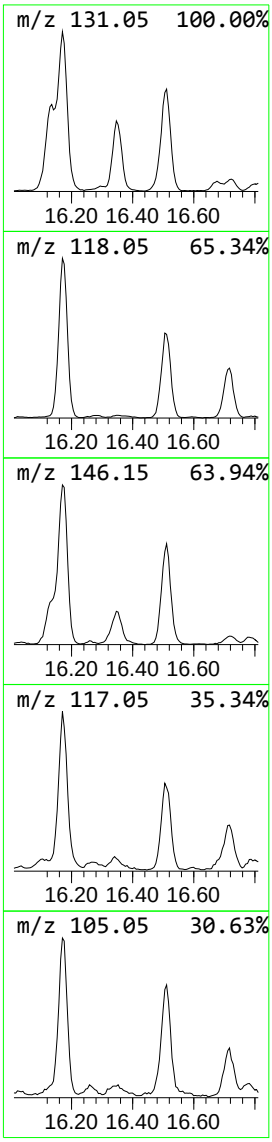
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.511	73.26 ug/l	1826520	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	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76
4	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	70
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010423\
Data File : VN076096.D
Acq On : 04 Jan 2023 21:07
Operator : JC\MD
Sample : 01011-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
NWB-1865

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	3.818	262.4	ug/l	4743830	1	8.235	904084	50.0
Benzene, cyclop...	13.994	64.8	ug/l	1614690	4	13.794	1246570	50.0
o-Cymene	14.335	59.0	ug/l	1469700	4	13.794	1246570	50.0
Benzene, 1-ethe...	14.929	71.6	ug/l	1785080	4	13.794	1246570	50.0
3-Phenylbut-1-ene	15.058	172.7	ug/l	4304790	4	13.794	1246570	50.0
Naphthalene, 1,...	15.211	102.0	ug/l	2542490	4	13.794	1246570	50.0
1H-Indene, 2,3-...	15.323	70.8	ug/l	1766180	4	13.794	1246570	50.0
1H-Indene, 2,3-...	15.447	64.5	ug/l	1606950	4	13.794	1246570	50.0
Naphthalene, 1,...	16.170	129.6	ug/l	3229970	4	13.794	1246570	50.0
Naphthalene, 1,...	16.511	73.3	ug/l	1826520	4	13.794	1246570	50.0