LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
Data File : VN075856.D
Acq On : 16 Dec 2022 18:38
Operator : JC\MD
Sample : N6096-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
33864

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: VN075856.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.806	629	638	650	rBV4	9296	29155	1.17%	0.074%
2	8.177	1030	1041	1045	rBV	232102	552176	22.07%	1.395%
3	8.230	1045	1050	1064	rVB	467511	1031997	41.25%	2.608%
4	8.589	1101	1111	1124	rBV2	239589	635090	25.39%	1.605%
5	9.106	1189	1199	1214	rBV	612635	1248018	49.89%	3.154%
6	10.571	1439	1448	1454	rBV	918492	1681998	67.24%	4.251%
7	10.635	1454	1459	1472	rVB	293580	551157	22.03%	1.393%
8	11.871	1661	1669	1679	rVB	785981	1402264	56.05%	3.544%
9	11.965	1679	1685	1693	rVB	110140	186090	7.44%	0.470%
10	12.071	1695	1703	1714	rBV	379377	754226	30.15%	1.906%
11	12.400	1751	1759	1767	rBV	710310	1210335	48.38%	3.059%
12	12.547	1768	1784	1785	rBV7	23289	87355	3.49%	0.221%
13	12.700	1805	1810	1815	rVB2	55980	91636	3.66%	0.232%
14	12.853	1829	1836	1845	rVB	649410	1096405	43.83%	2.771%
15	13.041	1860	1868	1872	rBV	101863	173207	6.92%	0.438%
16	13.100	1872	1878	1882	rVV	617463	1058656	42.32%	2.676%
17	13.135	1882	1884	1887	rVV	318691	403161	16.12%	1.019%
18	13.176	1887	1891	1897	rVB	407464	660808	26.41%	1.670%
19	13.341	1910	1919	1926	rBV	538833	905201	36.18%	2.288%
20	13.488	1937	1944	1956	rVB	852607	1431532	57.22%	3.618%
21	13.618	1956	1966	1971	rBV2	83977	166526	6.66%	0.421%
22	13.676	1971	1976	1981	rBV	157678	245235	9.80%	0.620%
23	13.729	1981	1985	1990	rBV	65814	97102	3.88%	0.245%
24	13.794	1990	1996	1998	rBV	824582	1294458	51.74%	3.271%
25	13.823	1998	2001	2008	rVB	819135	1296831	51.84%	3.277%
26	13.888	2008	2012	2016	rVB3	23618	40191	1.61%	0.102%
27	13.953	2017	2023	2025	rBV	141760	216979	8.67%	0.548%
28	13.994	2025	2030	2046	rVB3	726107	2293615	91.68%	5.797%
29	14.118	2046	2051	2057	rBV4	103398	189533	7.58%	0.479%
30	14.188	2057	2063	2068	rVB	236885	364166	14.56%	0.920%
31	14.247	2068	2073	2076	rBV	271786	468459	18.73%	1.184%
32	14.276	2076	2078	2083	rVB	267964	333776	13.34%	0.844%
33	14.335	2083	2088	2094	rVB	419232	642325	25.68%	1.623%
34	14.400	2094	2099	2102	rBV2	120853	206486	8.25%	0.522%
35	14.447	2102	2107	2113	rVB2	472608	780904	31.22%	1.974%
36	14.523	2116	2120	2124	rVB2	25224	37547	1.50%	0.095%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
Data File : VN075856.D
Acq On : 16 Dec 2022 18:38
Operator : JC\MD
Sample : N6096-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
33864

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	rBV2	195577	314916	12.59%	0.796%
38	14.659	2135	2143	2146	rBV	256929	456328	18.24%	1.153%
39	14.694	2146	2149	2154	rVB	359812	503798	20.14%	1.273%
40	14.741	2154	2157	2160	rVB	95707	116630	4.66%	0.295%
41	14.776	2160	2163	2172	rVB3	72597	148123	5.92%	0.374%
42	14.882	2172	2181	2184	rBV3	112018	234848	9.39%	0.594%
43	14.929	2184	2189	2194	rBV	499370	882903	35.29%	2.231%
44	15.059	2201	2211	2217	rBV3	1064659	2501642	100.00%	6.322%
45	15.106	2217	2219	2228	rVV4	90282	202209	8.08%	0.511%
46	15.212	2230	2237	2245	rVV	1000182	1811037	72.39%	4.577%
47	15.323	2245	2256	2260	rVV2	280943	771517	30.84%	1.950%
48	15.365	2260	2263	2269	rVV	177906	340250	13.60%	0.860%
49	15.447	2269	2277	2285	rVB4	301872	778550	31.12%	1.968%
50	15.594	2297	2302	2305	rBV4	49493	96094	3.84%	0.243%
51	15.641	2305	2310	2315	rVV	134855	267783	10.70%	0.677%
52	15.706	2315	2321	2326	rVV	259728	533195	21.31%	1.348%
53	15.788	2326	2335	2354	rVB5	237575	1065834	42.61%	2.694%
54	15.947	2354	2362	2370	rBV	225787	502356	20.08%	1.270%
55	16.029	2372	2376	2381	rVV7	19324	40307	1.61%	0.102%
56	16.129	2383	2393	2394	rVV4	193756	353721	14.14%	0.894%
57	16.170	2395	2400	2410	rVV	680408	1452741	58.07%	3.671%
58	16.259	2411	2415	2421	rVV5	63668	139178	5.56%	0.352%
59	16.347	2422	2430	2445	rVB3	162243	534132	21.35%	1.350%
60	16.512	2446	2458	2472	rBV	455530	1118176	44.70%	2.826%
61	16.717	2482	2493	2499	rBV3	203034	537611	21.49%	1.359%

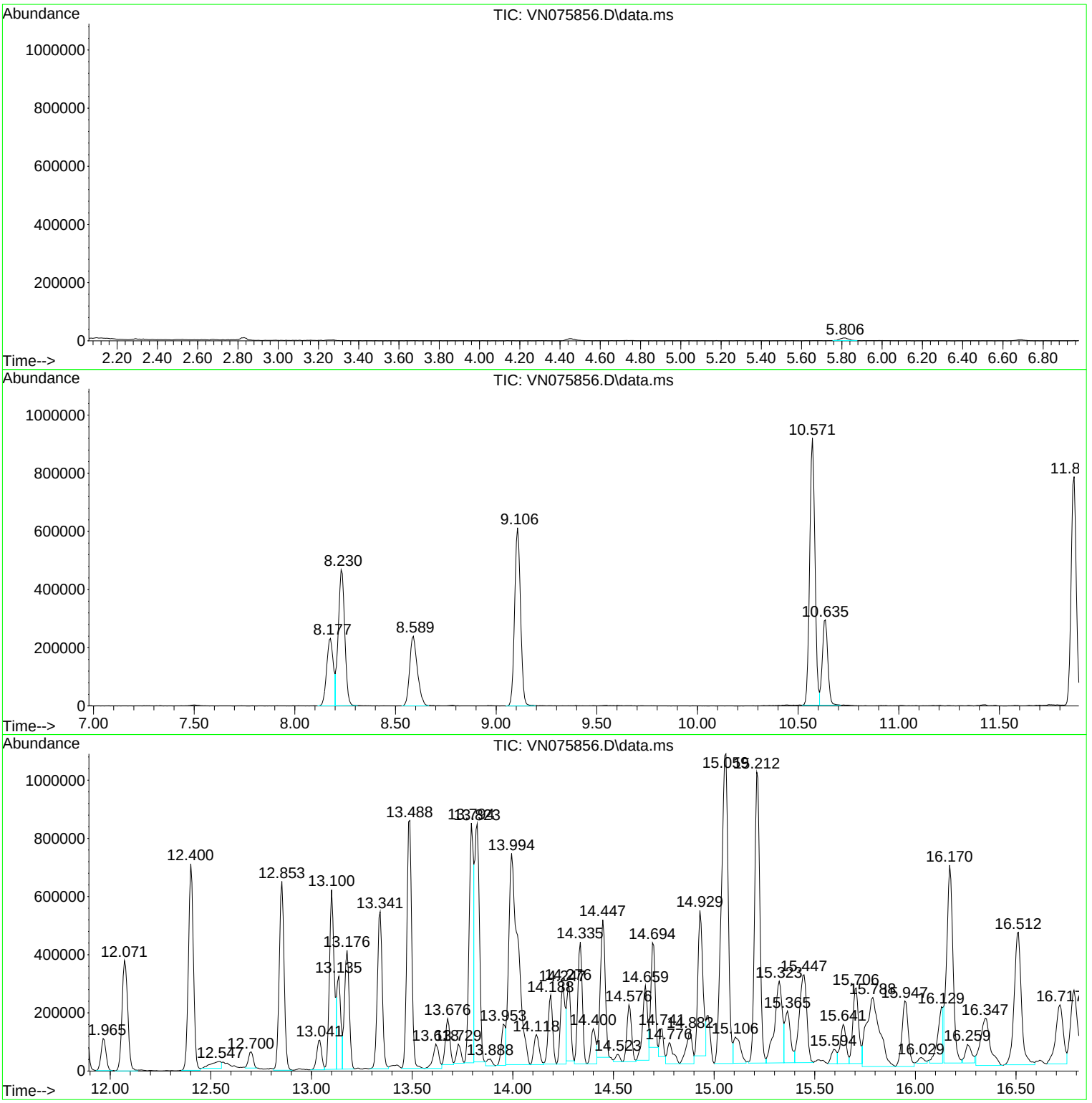
Sum of corrected areas: 39568479

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
Data File : VN075856.D
Acq On : 16 Dec 2022 18:38
Operator : JC\MD
Sample : N6096-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
33864

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 : VN075856.D
Acq On : 16 Dec 2022 18:38
Operator : JC\MD
Sample : N6096-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
33864

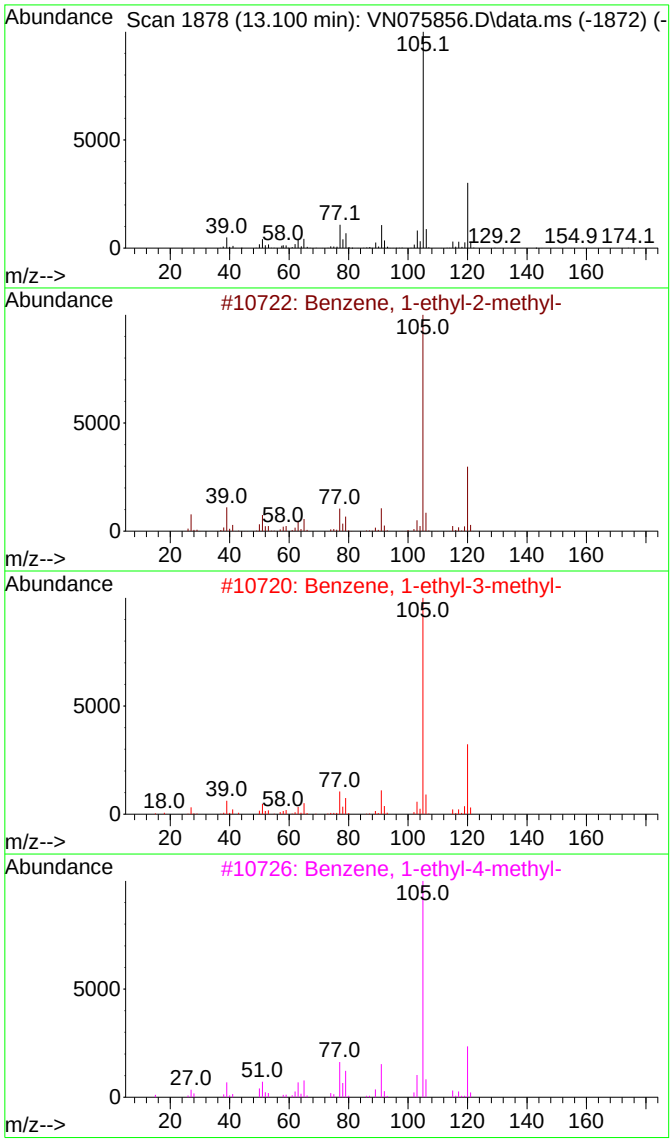
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260

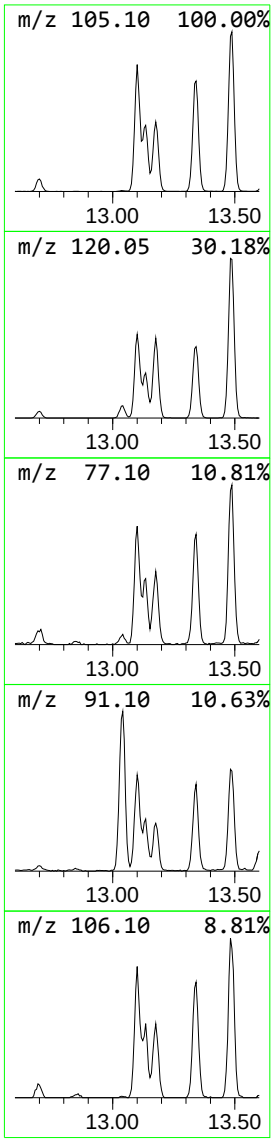
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.100	40.89 ug/l	1058660	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
Data File : VN075856.D
Acq On : 16 Dec 2022 18:38
Operator : JC\MD
Sample : N6096-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
33864

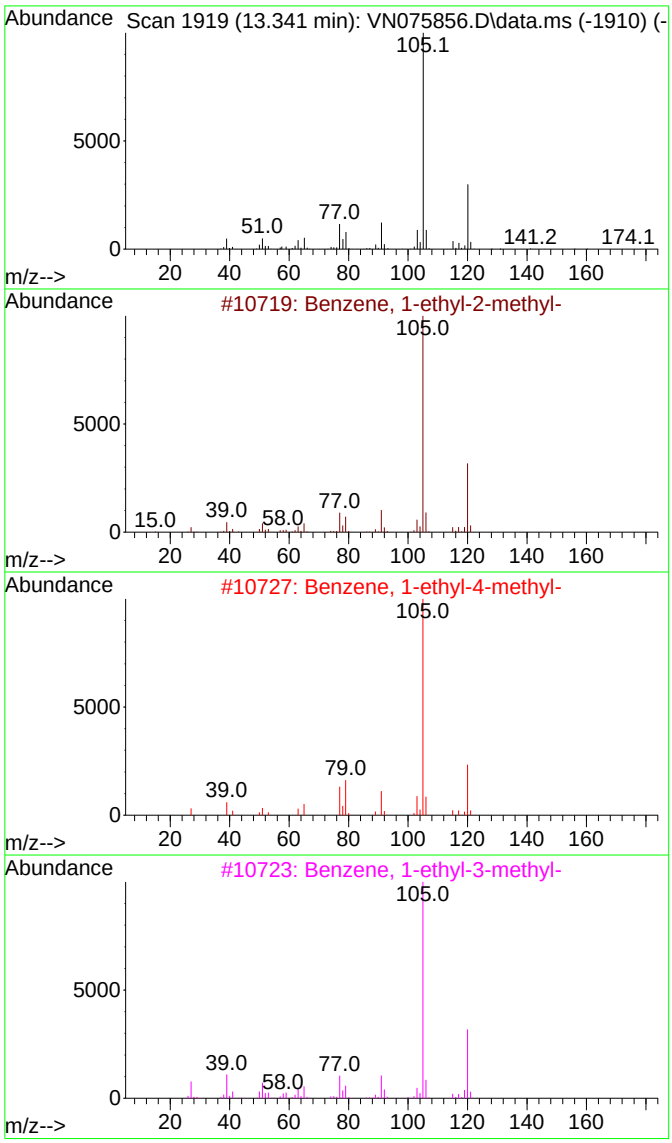
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260

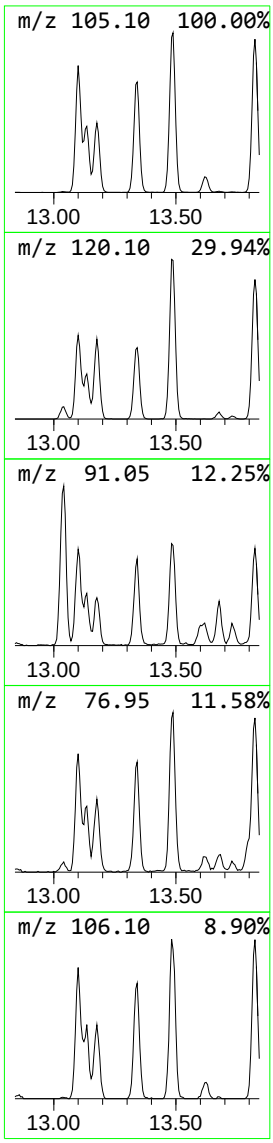
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.341	34.96 ug/l	905201	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5	Mesitylene	120	C9H12	000108-67-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
Data File : VN075856.D
Acq On : 16 Dec 2022 18:38
Operator : JC\MD
Sample : N6096-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
33864

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

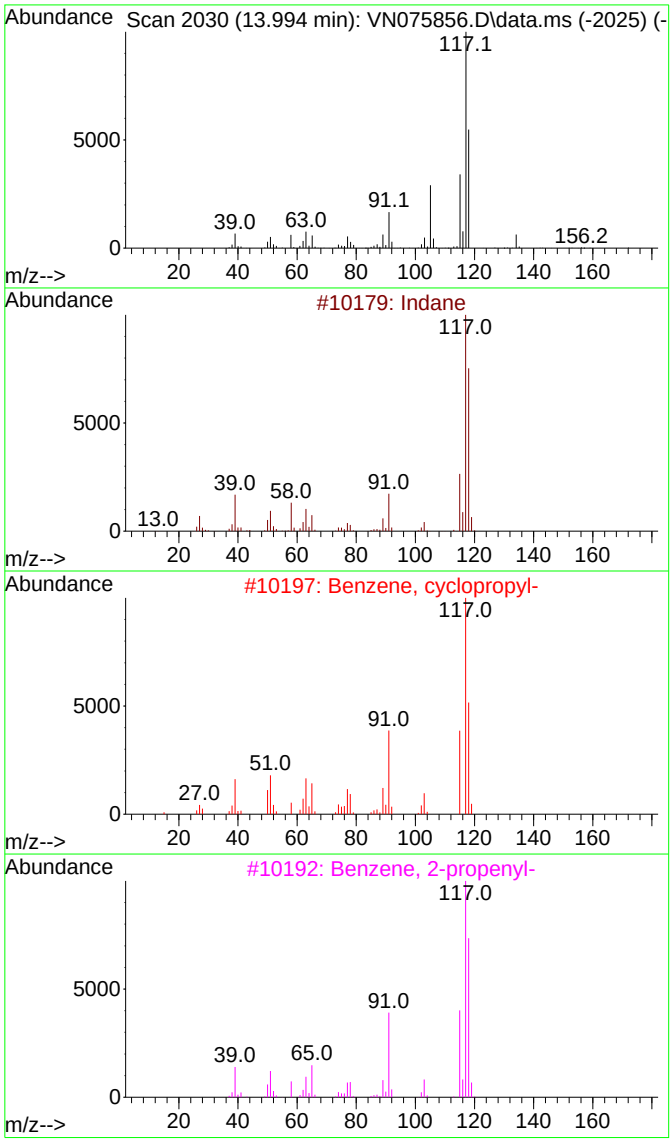
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

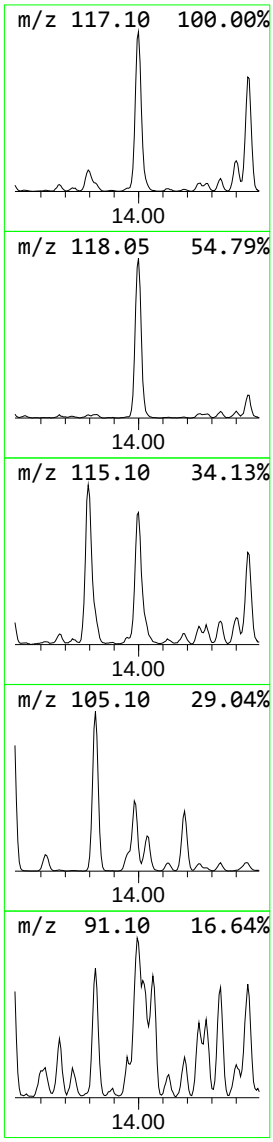
****

Peak Number 3 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.994	88.59 ug/l	2293620	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	68
4	Deltacyclene	118	C9H10	007785-10-6	58
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
Data File : VN075856.D
Acq On : 16 Dec 2022 18:38
Operator : JC\MD
Sample : N6096-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
33864

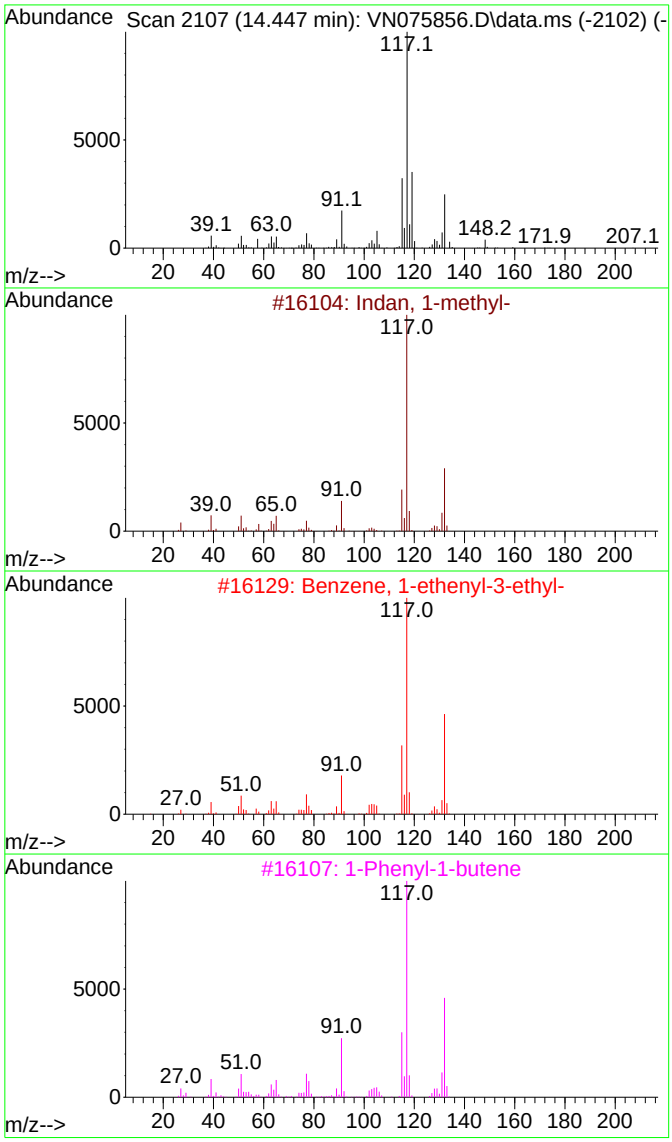
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260

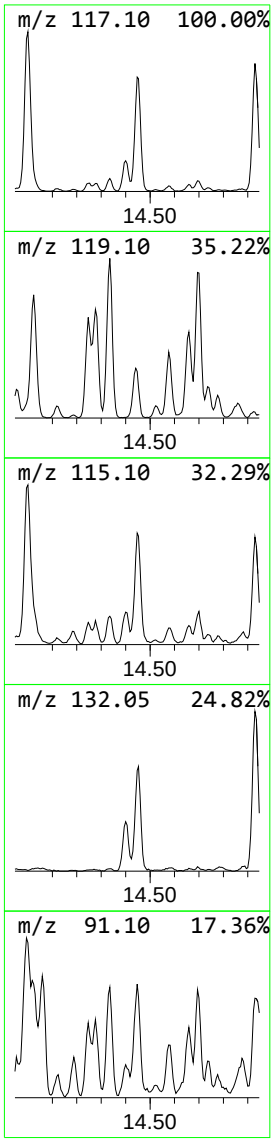
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Indan, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.447	30.16 ug/l	780904	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	81
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	74
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	74
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
Data File : VN075856.D
Acq On : 16 Dec 2022 18:38
Operator : JC\MD
Sample : N6096-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
33864

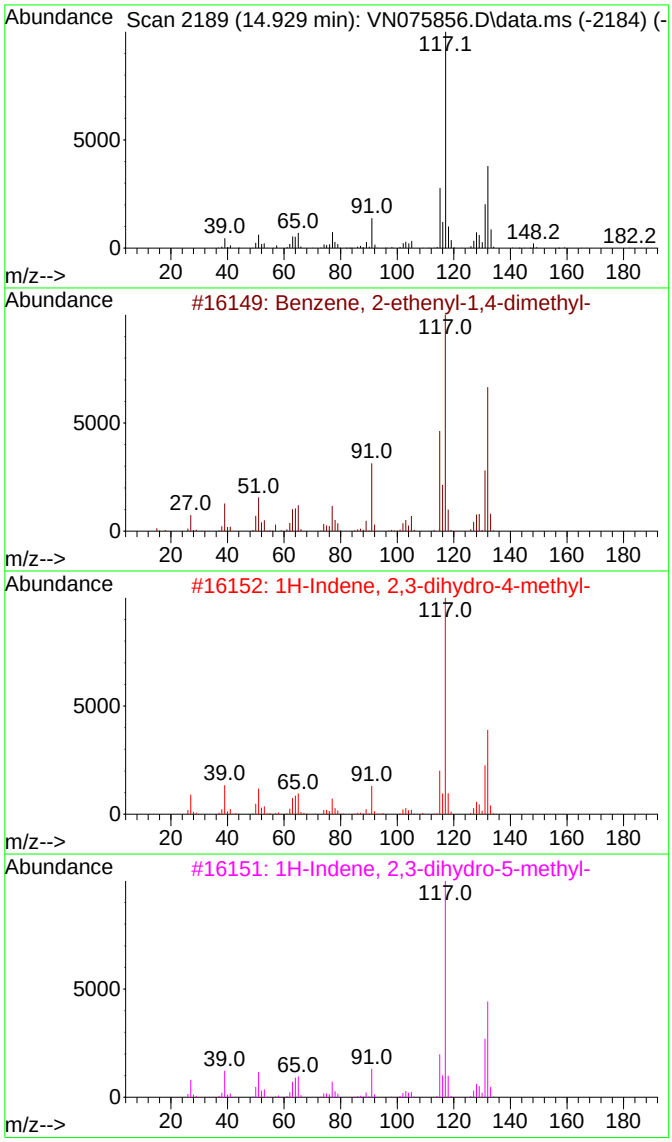
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260

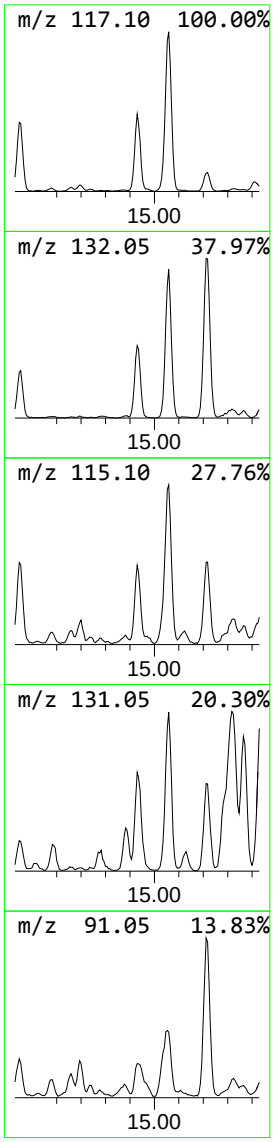
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.929	34.10 ug/l	882903	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	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
5	Indan, 1-methyl-	132	C10H12	000767-58-8	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
Data File : VN075856.D
Acq On : 16 Dec 2022 18:38
Operator : JC\MD
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ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
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33864

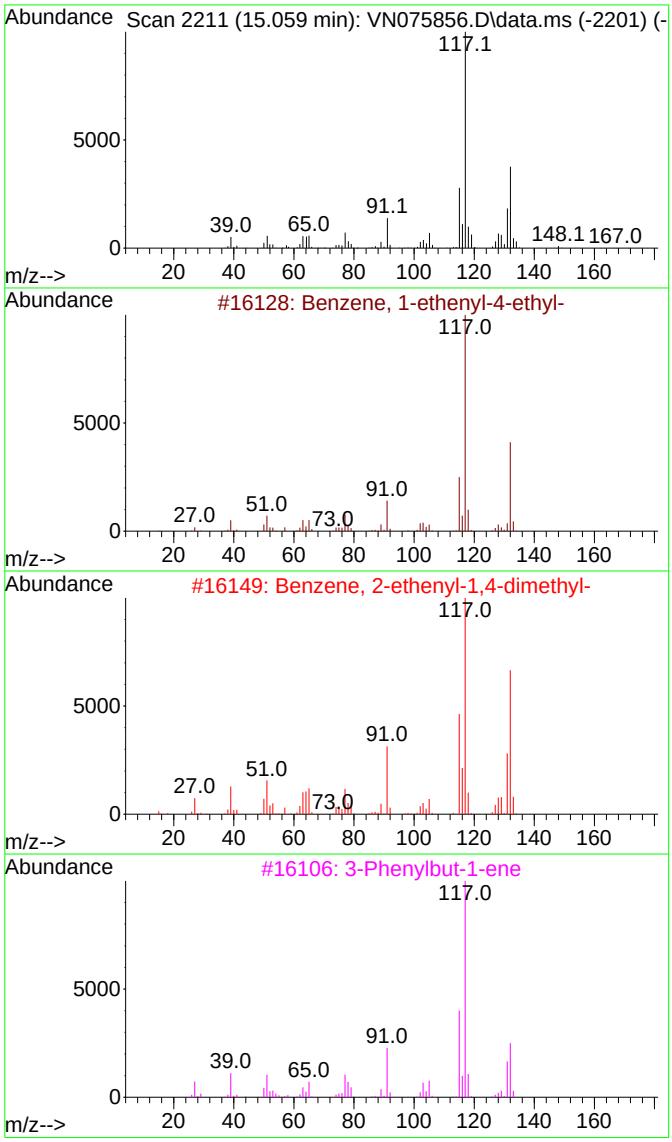
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260

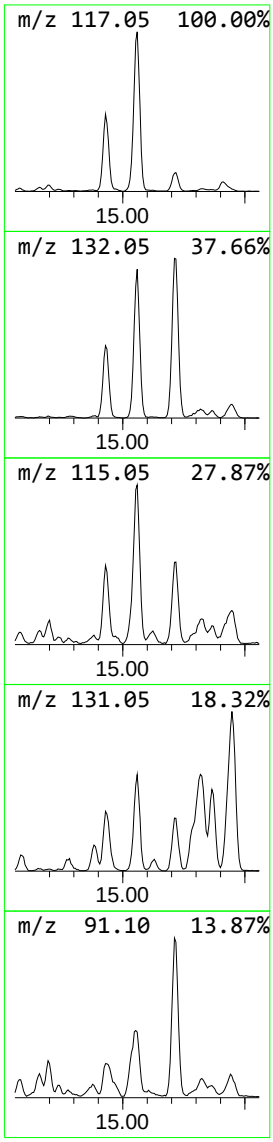
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.059	96.63 ug/l	2501640	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	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
Data File : VN075856.D
Acq On : 16 Dec 2022 18:38
Operator : JC\MD
Sample : N6096-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
33864

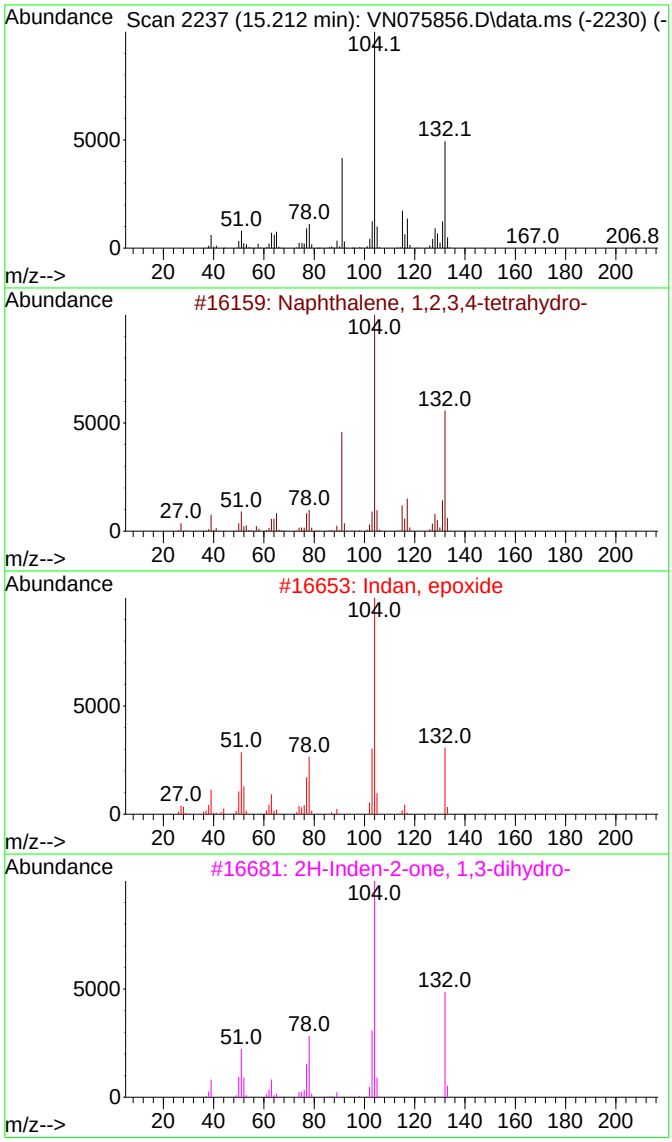
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260

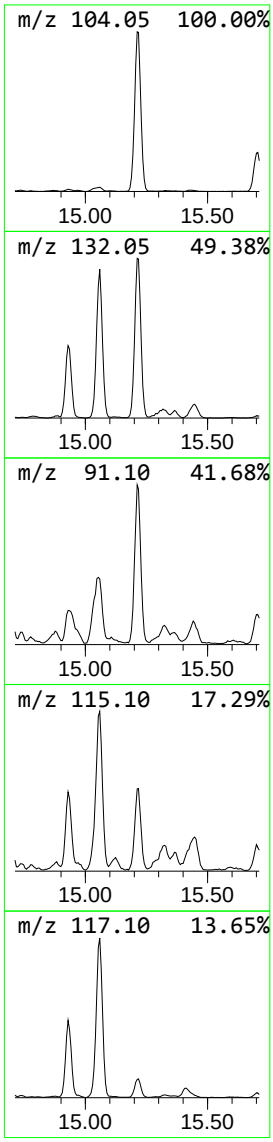
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.212	69.95 ug/l	1811040	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	58
3	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	58
4	Benzene, cyclobutyl-	132	C10H12	004392-30-7	42
5	3(2H)-Furanone, dihydro-2,2-dime...	190	C12H14O2	063678-00-2	38





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Data File : VN075856.D
Acq On : 16 Dec 2022 18:38
Operator : JC\MD
Sample : N6096-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
33864

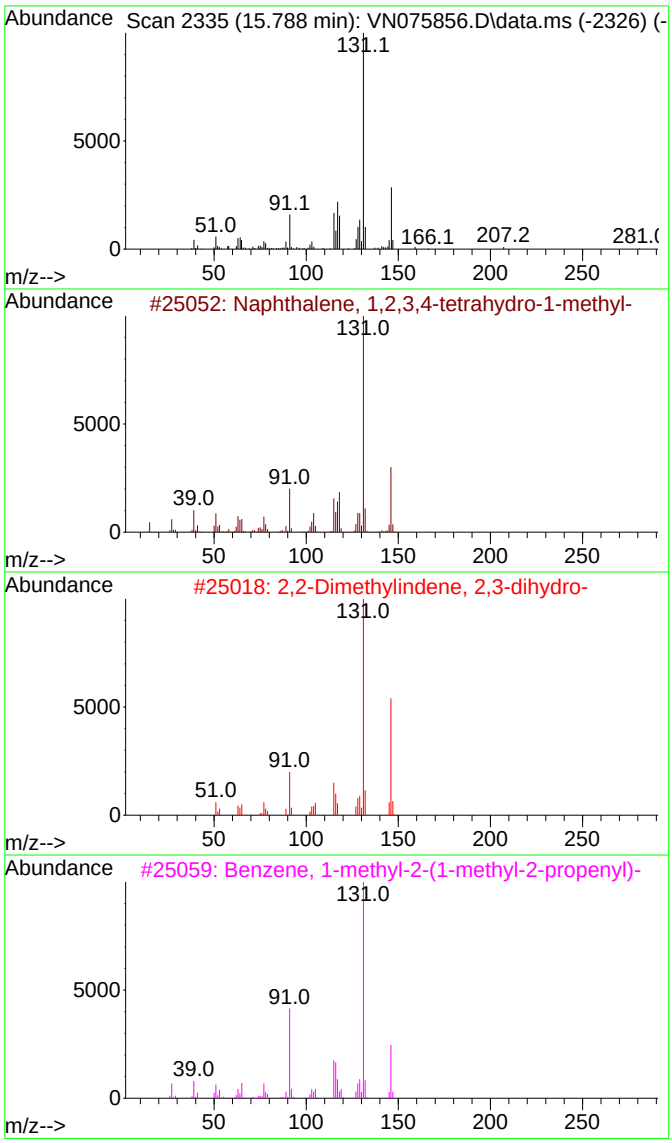
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260

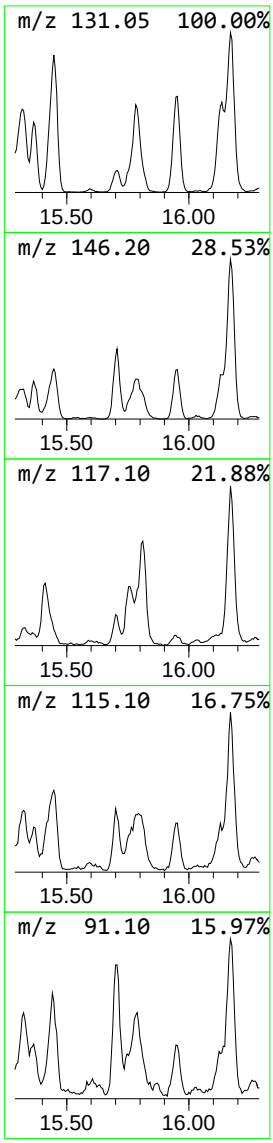
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.788	41.17 ug/l	1065830	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	93
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
3	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	83
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81





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Data File : VN075856.D
Acq On : 16 Dec 2022 18:38
Operator : JC\MD
Sample : N6096-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
33864

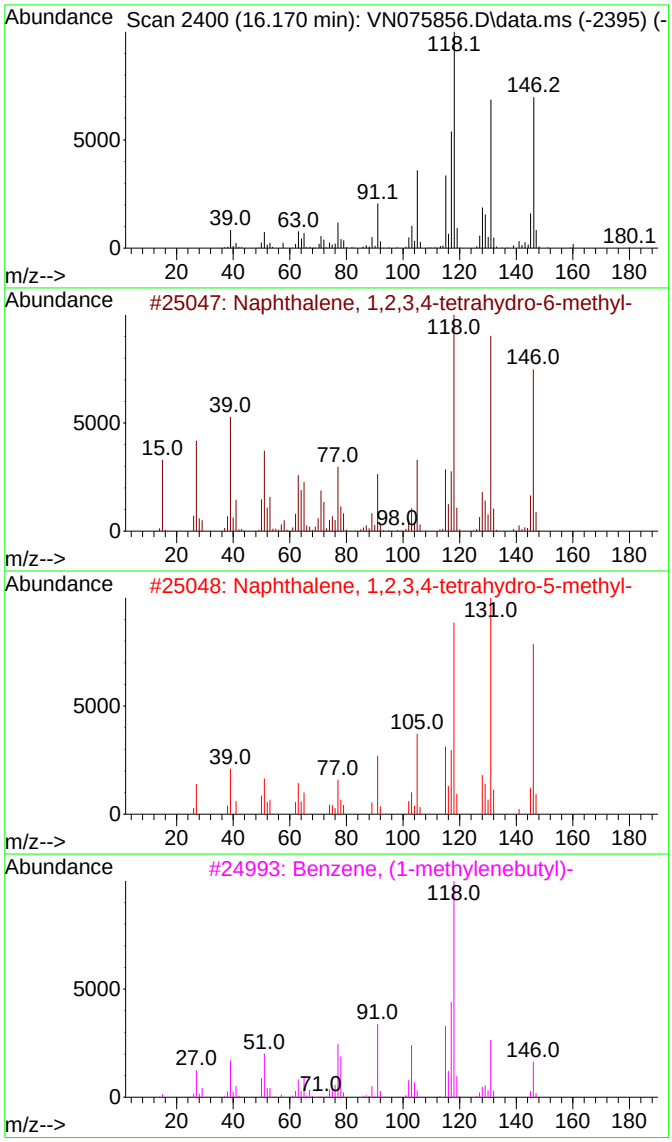
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260

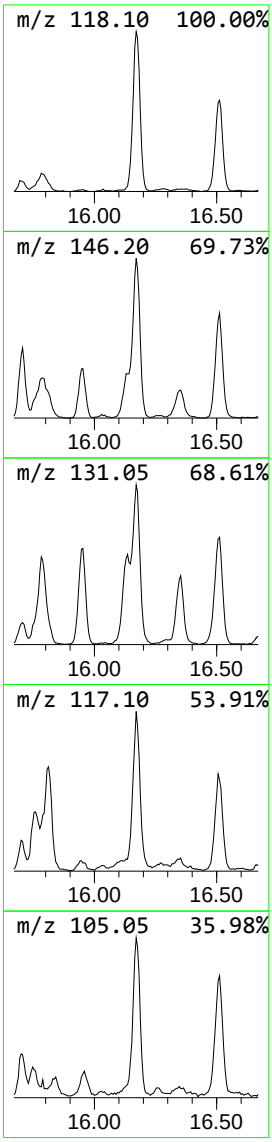
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.170	56.11 ug/l	1452740	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	90
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	89
3	Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	83
4	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	53
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
Data File : VN075856.D
Acq On : 16 Dec 2022 18:38
Operator : JC\MD
Sample : N6096-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
33864

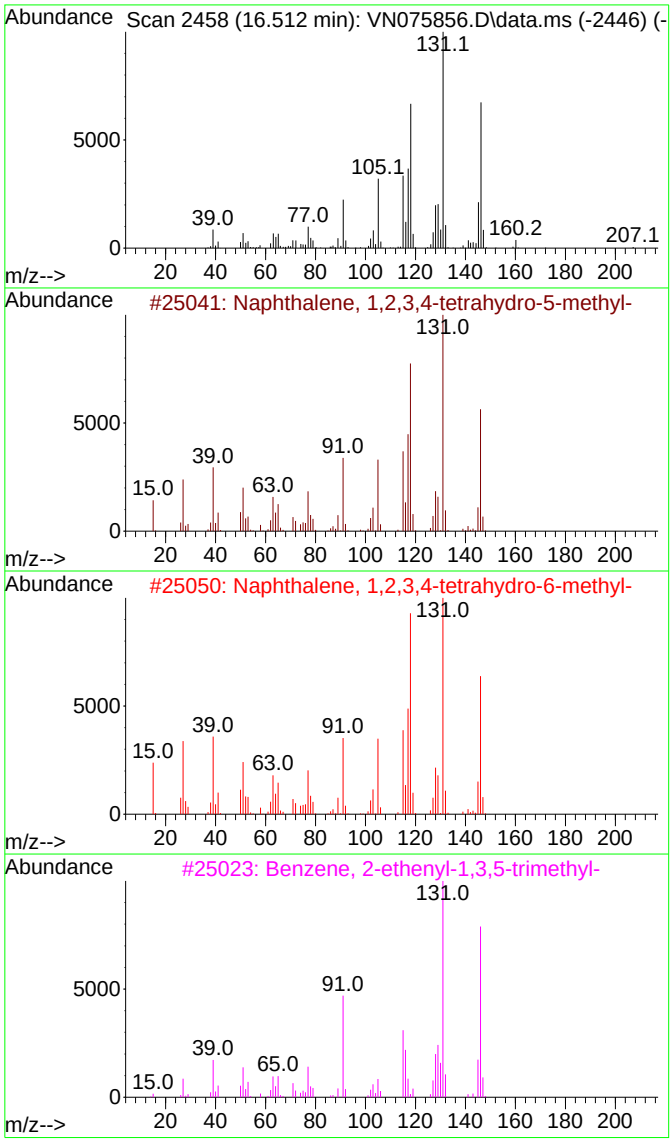
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260

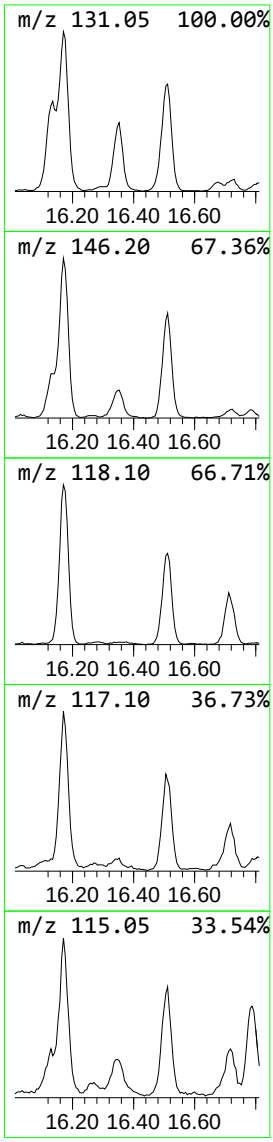
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.512	43.19 ug/l	1118180	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	97
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	91
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	89
4	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	72
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
Data File : VN075856.D
Acq On : 16 Dec 2022 18:38
Operator : JC\MD
Sample : N6096-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
33864

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
Benzene, 1-ethy...	13.100	40.9	ug/l	1058660	4	13.794	1294460	50.0
Benzene, 1-ethy...	13.341	35.0	ug/l	905201	4	13.794	1294460	50.0
Indane	13.994	88.6	ug/l	2293620	4	13.794	1294460	50.0
Indan, 1-methyl-	14.447	30.2	ug/l	780904	4	13.794	1294460	50.0
Benzene, 2-ethe...	14.929	34.1	ug/l	882903	4	13.794	1294460	50.0
Benzene, 1-ethe...	15.059	96.6	ug/l	2501640	4	13.794	1294460	50.0
Naphthalene, 1,...	15.212	70.0	ug/l	1811040	4	13.794	1294460	50.0
Naphthalene, 1,...	15.788	41.2	ug/l	1065830	4	13.794	1294460	50.0
Naphthalene, 1,...	16.170	56.1	ug/l	1452740	4	13.794	1294460	50.0
Naphthalene, 1,...	16.512	43.2	ug/l	1118180	4	13.794	1294460	50.0