LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010923\
Data File : VN076155.D
Acq On : 09 Jan 2023 14:52
Operator : JC\MD
Sample : 01052-01 40X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
UST-DRUM

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: VN076155.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.336	43	48	52	rBV2	11247	16367	1.11%	0.125%
2	2.830	124	132	141	rVB5	9208	23938	1.63%	0.182%
3	4.447	400	407	413	rBV2	8061	22551	1.54%	0.172%
4	5.283	544	549	560	rVB3	7178	19672	1.34%	0.150%
5	5.812	625	639	653	rBV3	45671	156069	10.63%	1.189%
6	7.436	907	915	920	rBV2	7942	19585	1.33%	0.149%
7	7.488	920	924	934	rVB	10003	25578	1.74%	0.195%
8	8.177	1030	1041	1045	rBV	209593	504173	34.32%	3.840%
9	8.230	1045	1050	1065	rVB	405550	896576	61.04%	6.829%
10	8.588	1095	1111	1123	rBV2	211161	547640	37.28%	4.171%
11	9.106	1190	1199	1213	rBV	542371	1092456	74.38%	8.321%
12	10.571	1438	1448	1454	rBV	802630	1468839	100.00%	11.187%
13	10.635	1454	1459	1467	rVB	219130	406412	27.67%	3.095%
14	11.865	1657	1668	1679	rBV	696032	1248193	84.98%	9.507%
15	11.965	1679	1685	1692	rVV	93832	155101	10.56%	1.181%
16	12.071	1694	1703	1714	rBV	263356	491758	33.48%	3.745%
17	12.400	1750	1759	1768	rBV	161584	276671	18.84%	2.107%
18	12.694	1803	1809	1815	rBV	21975	34457	2.35%	0.262%
19	12.853	1829	1836	1846	rVB	534812	924180	62.92%	7.039%
20	13.041	1860	1868	1872	rBV	33558	56100	3.82%	0.427%
21	13.100	1872	1878	1881	rVV	134128	217620	14.82%	1.657%
22	13.129	1881	1883	1886	rVV2	54861	83511	5.69%	0.636%
23	13.170	1886	1890	1897	rVB2	73570	139639	9.51%	1.064%
24	13.335	1911	1918	1925	rBV	87187	156511	10.66%	1.192%
25	13.394	1925	1928	1935	rVV6	7806	14952	1.02%	0.114%
26	13.482	1935	1943	1954	rVB	215784	351480	23.93%	2.677%
27	13.617	1961	1966	1970	rVB	15451	24110	1.64%	0.184%
28	13.676	1971	1976	1981	rBV2	25847	41862	2.85%	0.319%
29	13.729	1981	1985	1989	rBV3	10061	17849	1.22%	0.136%
30	13.794	1989	1996	2007	rVV2	670655	1273289	86.69%	9.698%
31	13.947	2016	2022	2024	rBV5	17732	25654	1.75%	0.195%
32	13.994	2024	2030	2033	rBV3	80198	143353	9.76%	1.092%
33	14.106	2045	2049	2057	rBV2	42657	77622	5.28%	0.591%
34	14.182	2057	2062	2067	rVV	33102	51095	3.48%	0.389%
35	14.247	2067	2073	2075	rVV2	38908	60853	4.14%	0.463%
36	14.276	2075	2078	2083	rVB	39848	59525	4.05%	0.453%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010923\
Data File : VN076155.D
Acq On : 09 Jan 2023 14:52
Operator : JC\MD
Sample : 01052-01 40X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
UST-DRUM

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	14.335	2083	2088	2094	rVB	48448	74944	5.10%	0.571%
38	14.394	2094	2098	2102	rBV3	10883	18873	1.28%	0.144%
39	14.447	2102	2107	2115	rVB2	66294	114136	7.77%	0.869%
40	14.576	2123	2129	2135	rBV3	26719	48652	3.31%	0.371%
41	14.659	2135	2143	2146	rBV2	29318	57030	3.88%	0.434%
42	14.694	2146	2149	2153	rVB2	43465	57426	3.91%	0.437%
43	14.735	2153	2156	2160	rVB2	21503	25943	1.77%	0.198%
44	14.782	2160	2164	2171	rVB6	10285	26132	1.78%	0.199%
45	14.876	2171	2180	2184	rBV9	15785	33345	2.27%	0.254%
46	14.929	2184	2189	2192	rBV2	52647	90913	6.19%	0.692%
47	14.964	2192	2195	2201	rVB4	52749	84270	5.74%	0.642%
48	15.053	2201	2210	2217	rBV2	122730	312087	21.25%	2.377%
49	15.212	2231	2237	2245	rVB	74649	137520	9.36%	1.047%
50	15.317	2245	2255	2260	rBV4	39047	104636	7.12%	0.797%
51	15.447	2268	2277	2284	rVB6	35449	92491	6.30%	0.704%
52	15.511	2284	2288	2296	rVB7	8480	17319	1.18%	0.132%
53	15.594	2296	2302	2304	rBV7	15182	24663	1.68%	0.188%
54	15.641	2305	2310	2316	rVB	67971	125654	8.55%	0.957%
55	15.700	2316	2320	2325	rBV3	17787	30875	2.10%	0.235%
56	15.753	2325	2329	2332	rBV5	9093	15148	1.03%	0.115%
57	15.835	2339	2343	2354	rVB4	36287	75251	5.12%	0.573%
58	15.953	2354	2363	2368	rBV4	25472	57691	3.93%	0.439%
59	16.129	2384	2393	2394	rBV7	15980	30973	2.11%	0.236%
60	16.164	2395	2399	2409	rVB2	41911	95865	6.53%	0.730%
61	16.341	2421	2429	2435	rBV6	14959	39990	2.72%	0.305%
62	16.500	2446	2456	2469	rBV7	25905	79244	5.40%	0.604%
63	16.711	2481	2492	2498	rBV7	15850	42449	2.89%	0.323%
64	16.782	2498	2504	2505	rBV	64811	90825	6.18%	0.692%

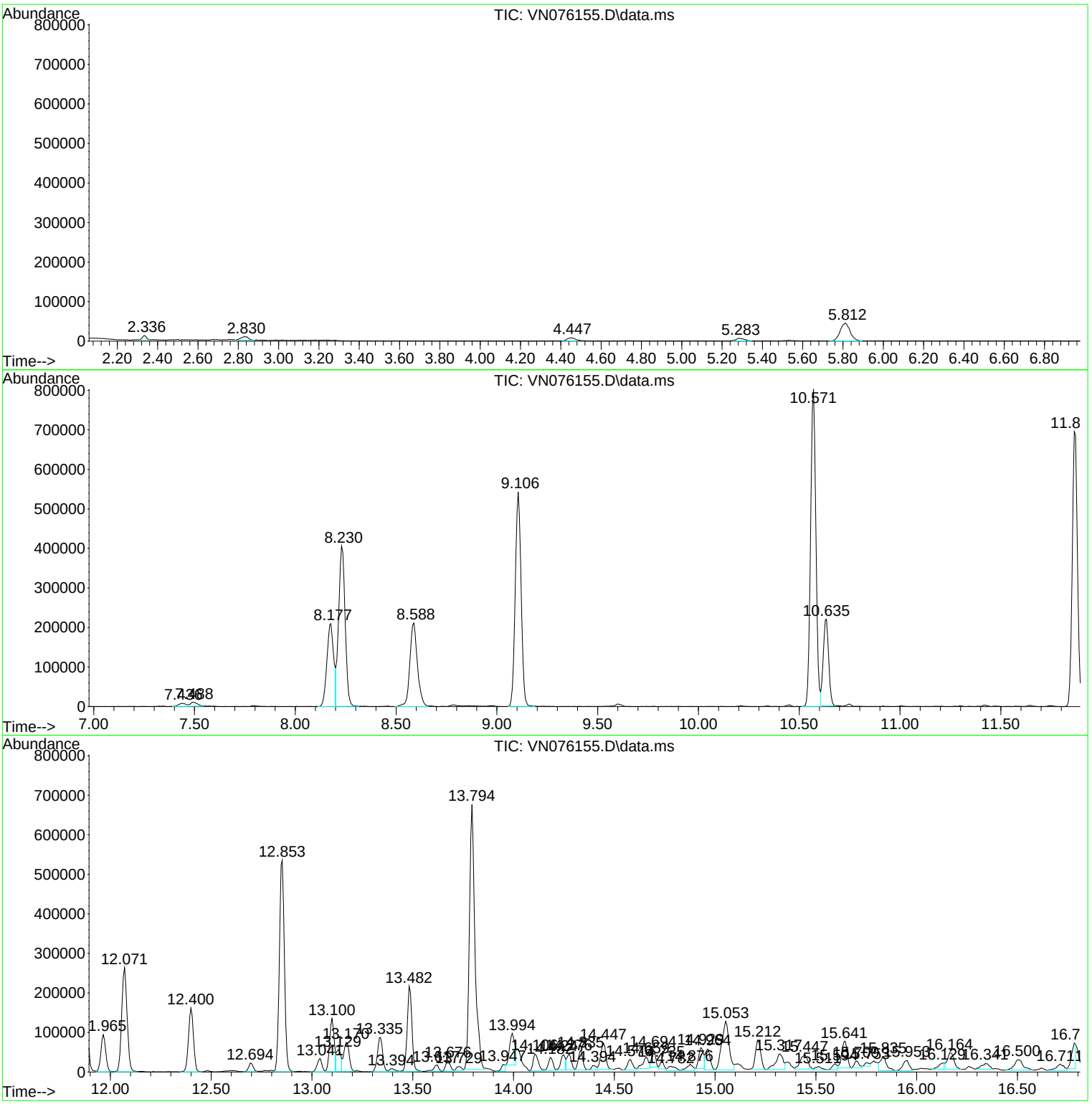
Sum of corrected areas: 13129586

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010923\
Data File : VN076155.D
Acq On : 09 Jan 2023 14:52
Operator : JC\MD
Sample : 01052-01 40X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
UST-DRUM

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\VN010923\
Data File : VN076155.D
Acq On : 09 Jan 2023 14:52
Operator : JC\MD
Sample : 01052-01 40X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
UST-DRUM

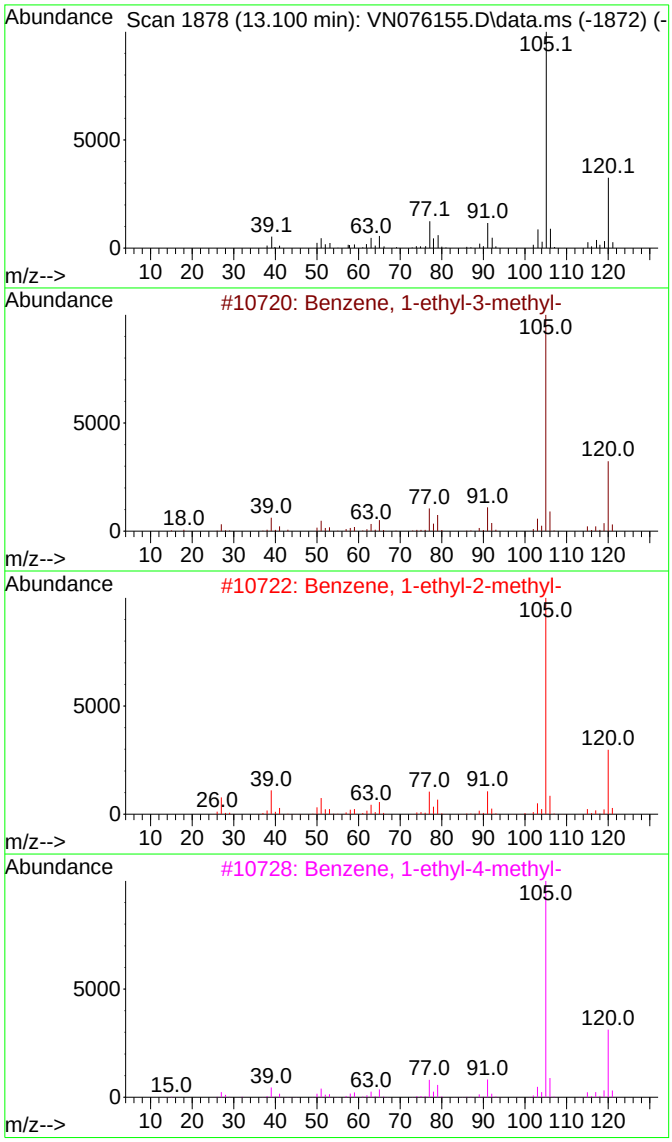
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260

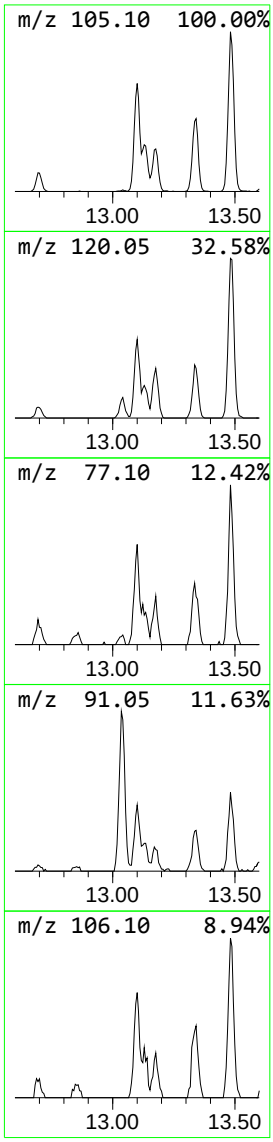
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.100	8.55 ug/l	217620	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	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010923\
Data File : VN076155.D
Acq On : 09 Jan 2023 14:52
Operator : JC\MD
Sample : 01052-01 40X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
UST-DRUM

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

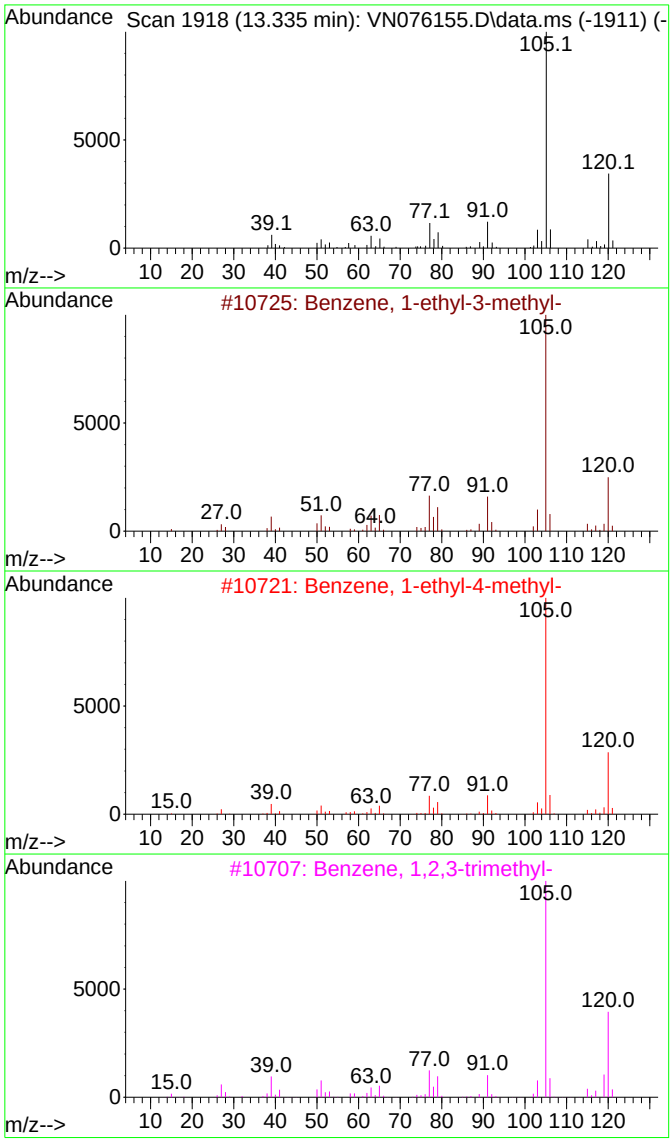
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

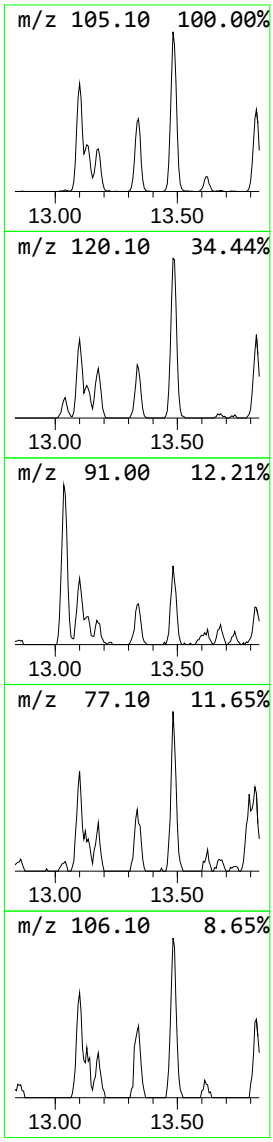
****

Peak Number 2 Benzene, 1-ethyl-4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.335	6.15 ug/l	156511	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	90
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
4	Mesitylene	120	C9H12	000108-67-8	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010923\
Data File : VN076155.D
Acq On : 09 Jan 2023 14:52
Operator : JC\MD
Sample : 01052-01 40X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
UST-DRUM

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

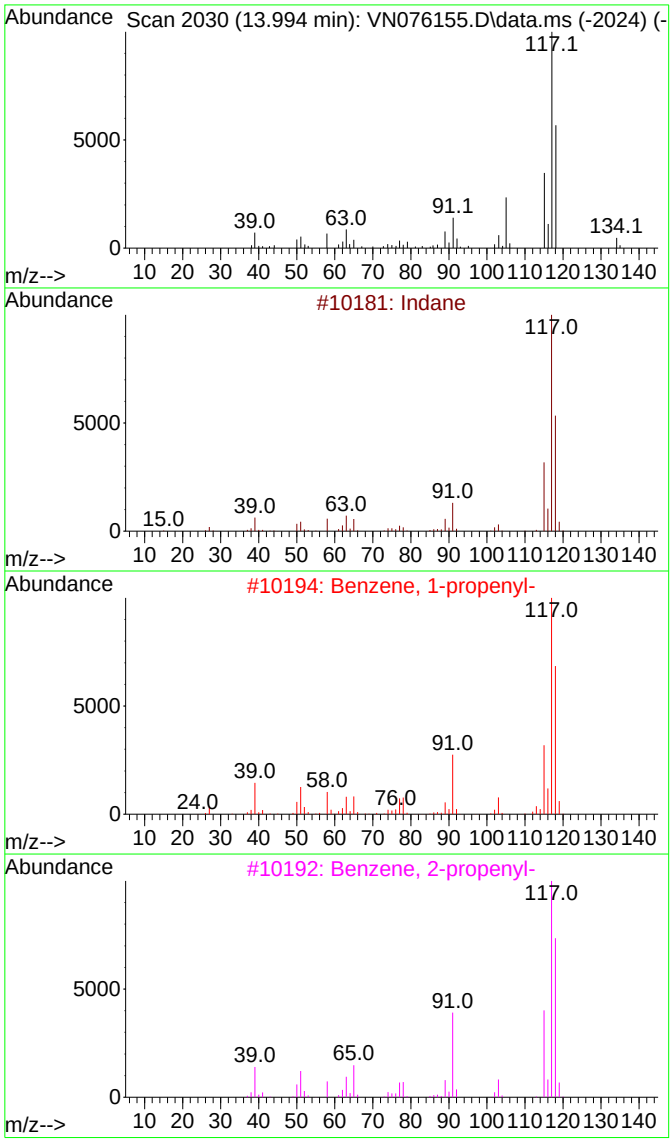
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

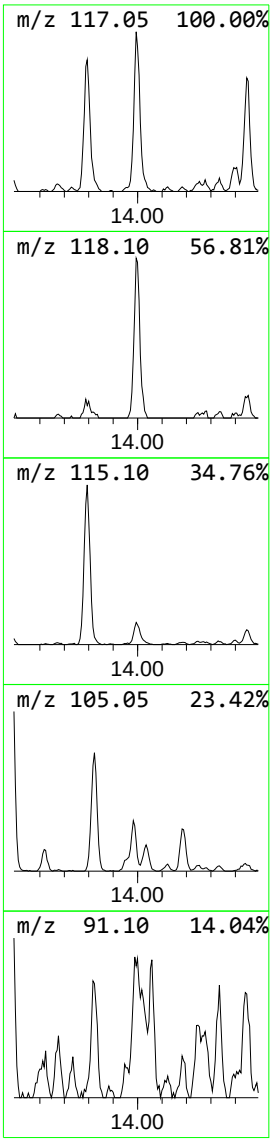
****

Peak Number 3 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.994	5.63 ug/l	143353	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, 1-propenyl-	118	C9H10	000637-50-3	64
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	62
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	59
5	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010923\
Data File : VN076155.D
Acq On : 09 Jan 2023 14:52
Operator : JC\MD
Sample : 01052-01 40X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
UST-DRUM

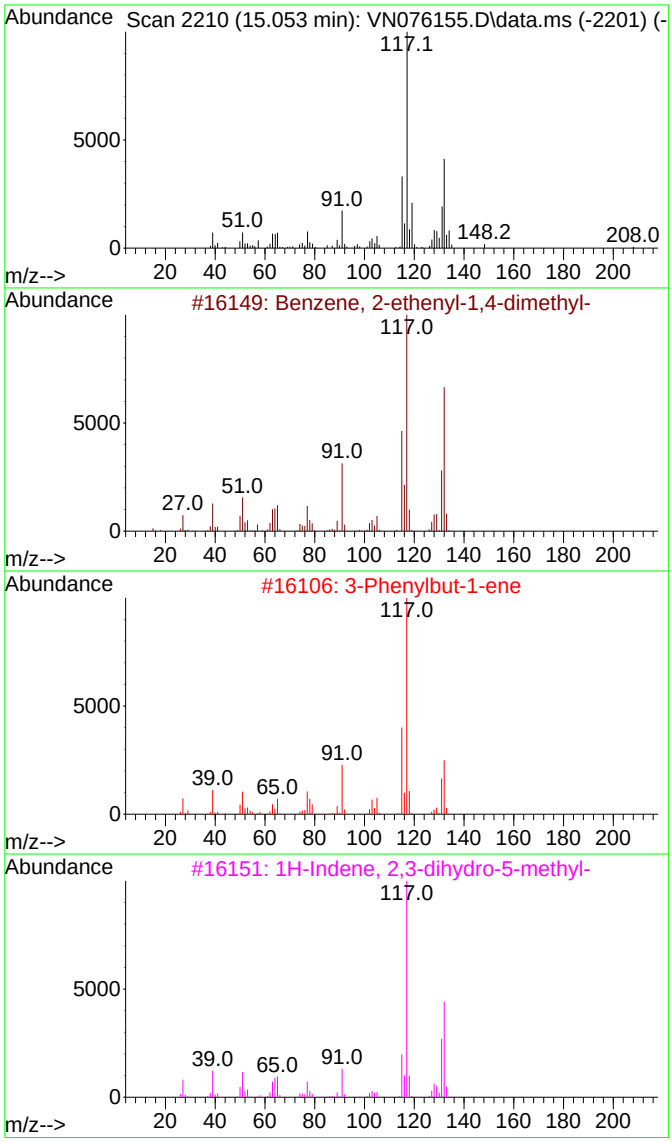
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260

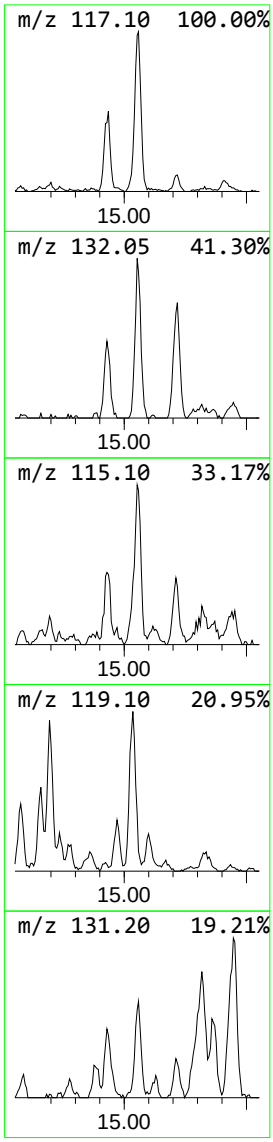
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.053	12.26 ug/l	312087	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	87
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	81
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010923\
Data File : VN076155.D
Acq On : 09 Jan 2023 14:52
Operator : JC\MD
Sample : 01052-01 40X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
UST-DRUM

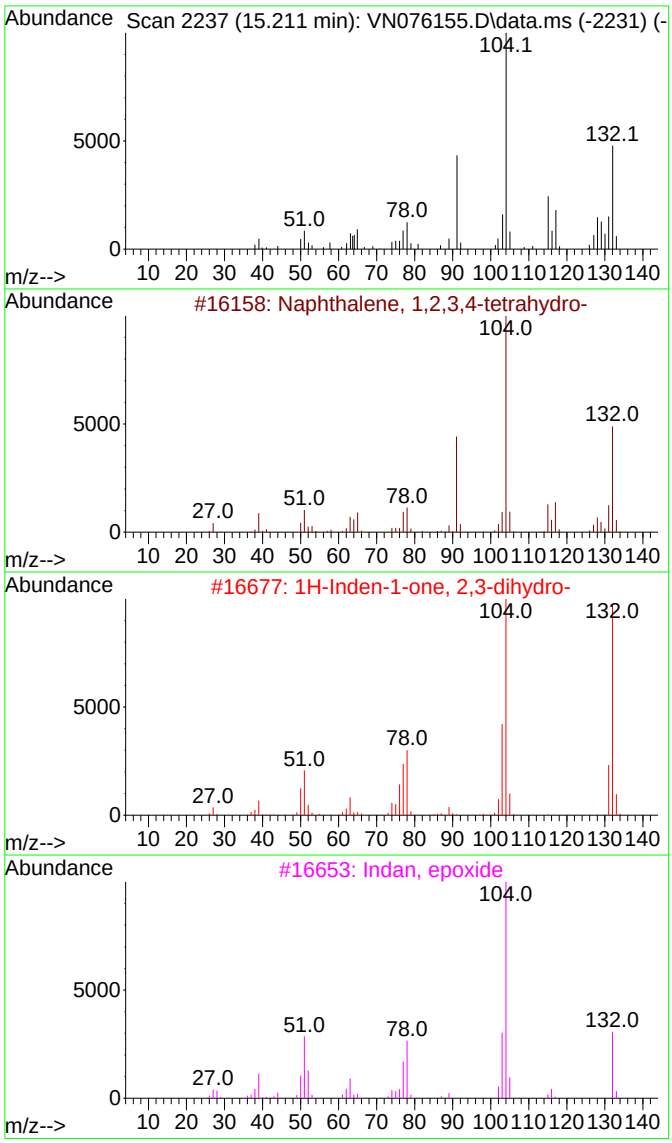
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260

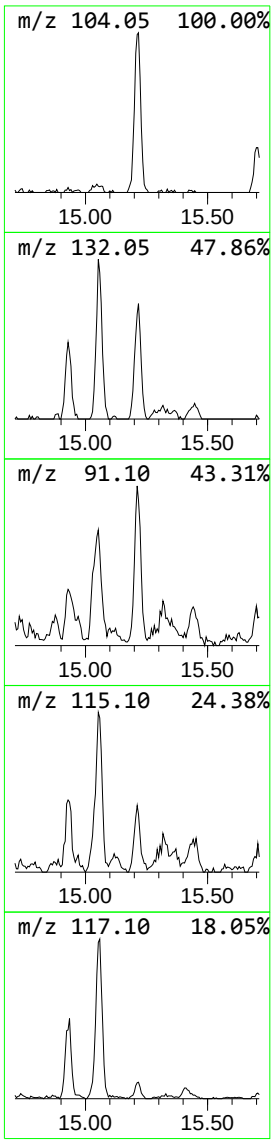
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.211	5.40 ug/l	137520	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	94
2	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	50
3	Indan, epoxide	132	C9H8O	000768-22-9	49
4	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	47
5	3(2H)-Furanone, dihydro-2,2-dime...	190	C12H14O2	063678-00-2	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010923\
Data File : VN076155.D
Acq On : 09 Jan 2023 14:52
Operator : JC\MD
Sample : 01052-01 40X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
UST-DRUM

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	8.6	ug/l	217620	4	13.794	1273290	50.0
Benzene, 1-ethy...	13.335	6.2	ug/l	156511	4	13.794	1273290	50.0
Indane	13.994	5.6	ug/l	143353	4	13.794	1273290	50.0
Benzene, 2-ethe...	15.053	12.3	ug/l	312087	4	13.794	1273290	50.0
Naphthalene, 1,...	15.211	5.4	ug/l	137520	4	13.794	1273290	50.0