LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111824\
Data File : VN084920.D
Acq On : 18 Nov 2024 15:16
Operator : JC\MD
Sample : P4843-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SW-WTS-01

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\82N103024W.M
Title : SW846 8260

Signal : TIC: VN084920.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.289	49	57	67	rBV3	22402	53857	1.78%	0.331%
2	2.659	114	120	128	rBV	40450	69825	2.31%	0.430%
3	2.906	151	162	164	rBV8	11864	36854	1.22%	0.227%
4	4.436	412	422	436	rBV	24279	74212	2.46%	0.457%
5	5.553	595	612	623	rBV3	7918	33069	1.09%	0.203%
6	7.959	1011	1021	1034	rBV3	26980	69624	2.30%	0.428%
7	8.165	1044	1056	1060	rBV	135421	322127	10.66%	1.982%
8	8.218	1060	1065	1078	rVB	243987	549227	18.17%	3.379%
9	8.594	1115	1129	1140	rBV3	259339	837751	27.71%	5.154%
10	9.094	1205	1214	1227	rBV	347612	721526	23.87%	4.439%
11	9.277	1236	1245	1254	rBV	100901	215707	7.14%	1.327%
12	10.565	1455	1464	1471	rBV	519753	977599	32.34%	6.014%
13	10.629	1471	1475	1482	rVB	23441	44599	1.48%	0.274%
14	11.300	1582	1589	1598	rBV3	18843	42672	1.41%	0.263%
15	11.865	1677	1685	1694	rBV	483365	891209	29.48%	5.483%
16	11.959	1694	1701	1710	rVV	441820	775942	25.67%	4.773%
17	12.071	1713	1720	1728	rVV	80271	158518	5.24%	0.975%
18	12.394	1769	1775	1784	rBV	96359	170314	5.63%	1.048%
19	12.565	1798	1804	1809	rBV5	20244	36350	1.20%	0.224%
20	12.694	1820	1826	1833	rBV	99682	164410	5.44%	1.011%
21	12.847	1845	1852	1861	rBV	430319	747793	24.74%	4.600%
22	13.035	1878	1884	1889	rVV	47311	83310	2.76%	0.513%
23	13.129	1896	1900	1903	rBV2	36493	54539	1.80%	0.336%
24	13.170	1904	1907	1912	rVB2	45322	64075	2.12%	0.394%
25	13.335	1929	1935	1941	rBV	127735	204777	6.77%	1.260%
26	13.482	1954	1960	1966	rVB	231589	371719	12.30%	2.287%
27	13.617	1980	1983	1988	rBV4	31554	48840	1.62%	0.300%
28	13.729	1998	2002	2006	rVV3	22002	35026	1.16%	0.215%
29	13.788	2006	2012	2022	rVV2	532466	1133396	37.49%	6.972%
30	13.870	2022	2026	2034	rVB	57680	102156	3.38%	0.628%
31	13.994	2040	2047	2062	rVB	1636635	2810922	92.99%	17.292%
32	14.170	2075	2077	2084	rVB3	28356	43103	1.43%	0.265%
33	14.247	2086	2090	2093	rBV6	17785	33107	1.10%	0.204%
34	14.329	2100	2104	2109	rVB	28166	45223	1.50%	0.278%
35	14.441	2118	2123	2131	rVB	108804	189224	6.26%	1.164%
36	14.553	2138	2142	2149	rVB7	33260	60290	1.99%	0.371%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111824\
Data File : VN084920.D
Acq On : 18 Nov 2024 15:16
Operator : JC\MD
Sample : P4843-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SW-WTS-01

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\82N103024W.M
Title : SW846 8260

37	14.923	2201	2205	2213	rVB	76618	134357	4.44%	0.827%
38	15.053	2219	2227	2232	rBV2	73081	177964	5.89%	1.095%
39	15.117	2234	2238	2243	rVV3	28213	56288	1.86%	0.346%
40	15.206	2246	2253	2261	rVB2	128318	256463	8.48%	1.578%
41	15.311	2268	2271	2277	rVB6	22920	37374	1.24%	0.230%
42	15.429	2288	2291	2297	rVB7	33225	57725	1.91%	0.355%
43	15.635	2318	2326	2336	rBV	1531980	3022832	100.00%	18.596%
44	15.741	2341	2344	2352	rVB	38416	75230	2.49%	0.463%
45	16.776	2514	2520	2522	rBV	95621	164108	5.43%	1.010%

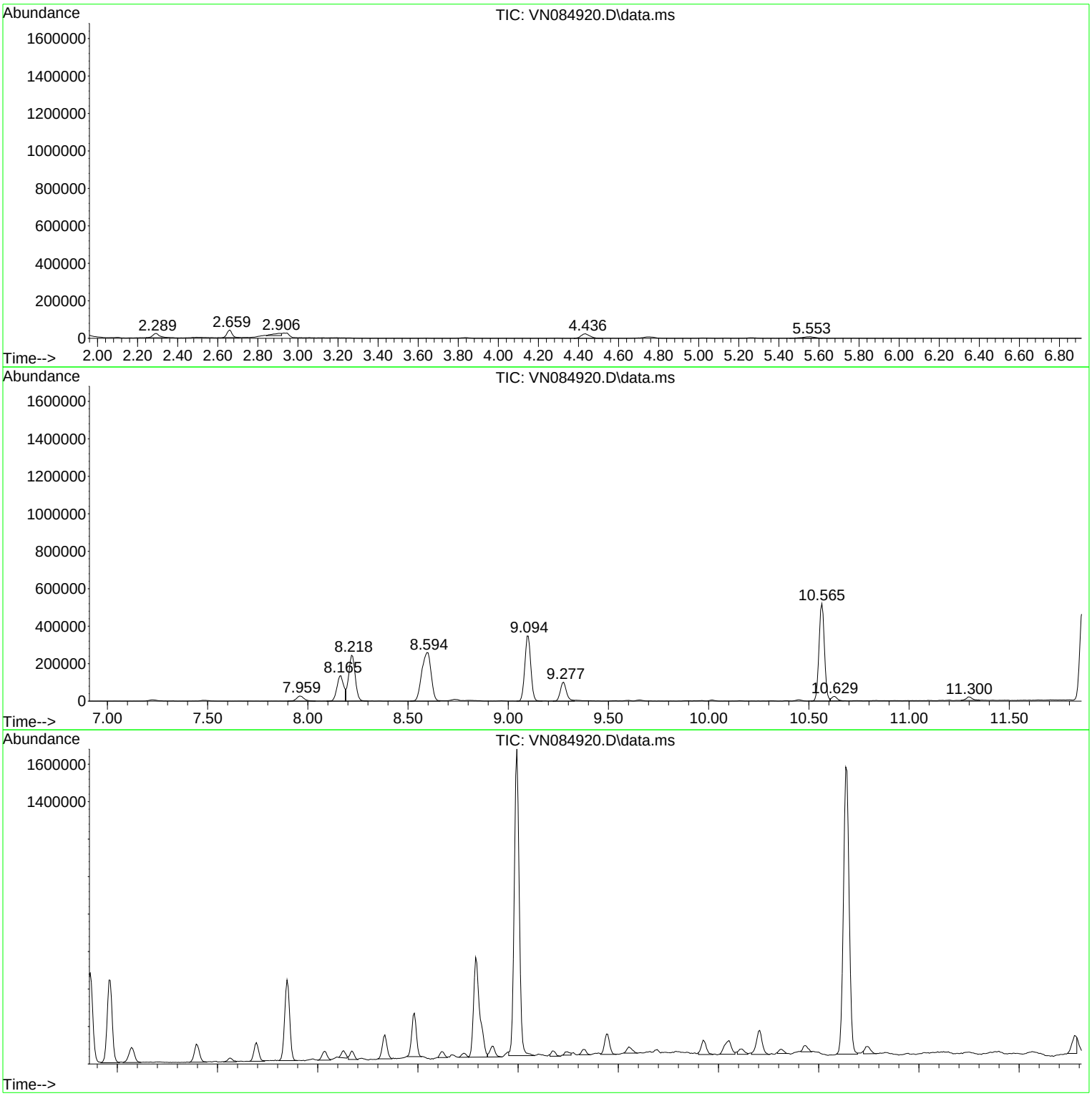
Sum of corrected areas: 16255233

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111824\
Data File : VN084920.D
Acq On : 18 Nov 2024 15:16
Operator : JC\MD
Sample : P4843-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SW-WTS-01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111824\
Data File : VN084920.D
Acq On : 18 Nov 2024 15:16
Operator : JC\MD
Sample : P4843-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SW-WTS-01

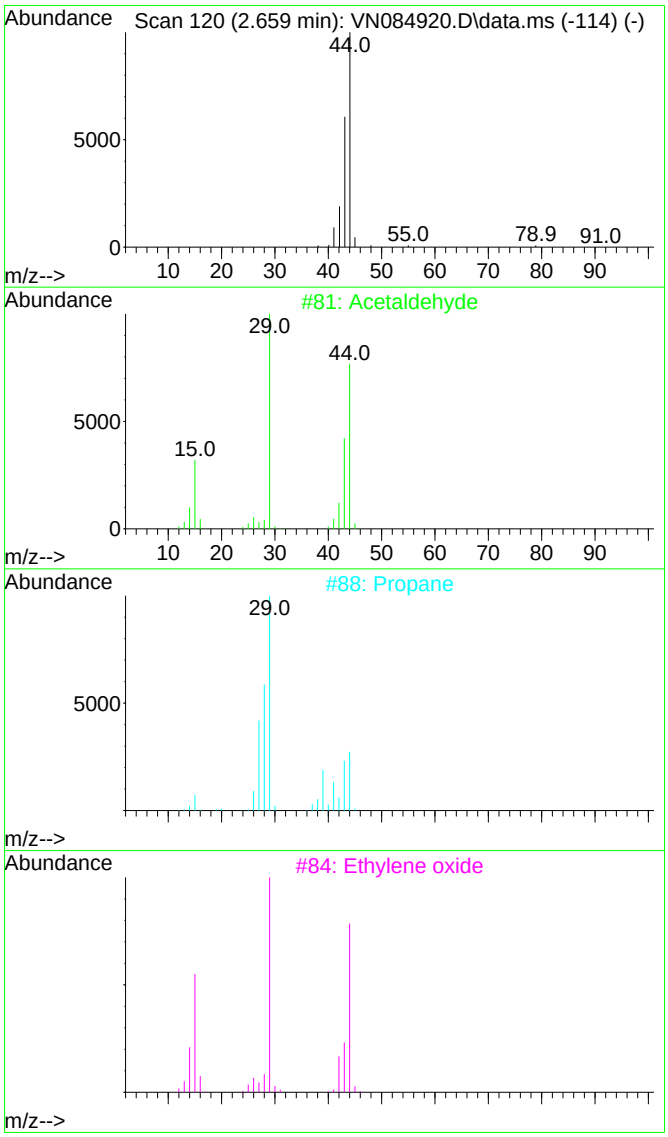
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260

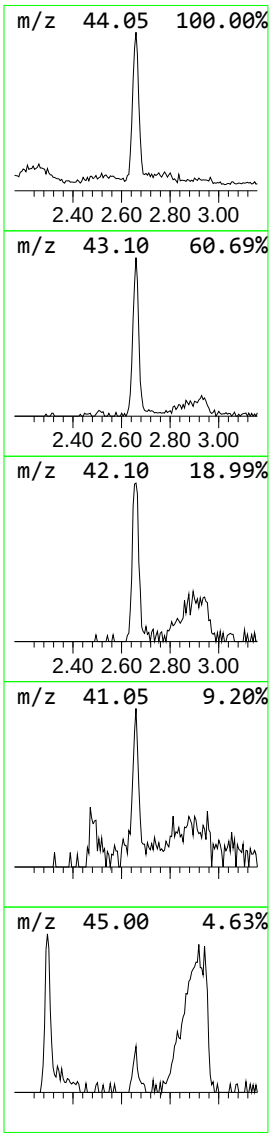
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Acetaldehyde Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.659	6.36 ug/l	69825	Pentafluorobenzene	8.224

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	78
2	Propane	44	C3H8	000074-98-6	5
3	Ethylene oxide	44	C2H4O	000075-21-8	5
4	Acetic acid, [(aminocarbonyl)ami...	132	C3H4N2O4	000585-05-7	4
5	1-Propanol, 2-amino-, (.+/-.)-	75	C3H9NO	006168-72-5	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111824\
Data File : VN084920.D
Acq On : 18 Nov 2024 15:16
Operator : JC\MD
Sample : P4843-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SW-WTS-01

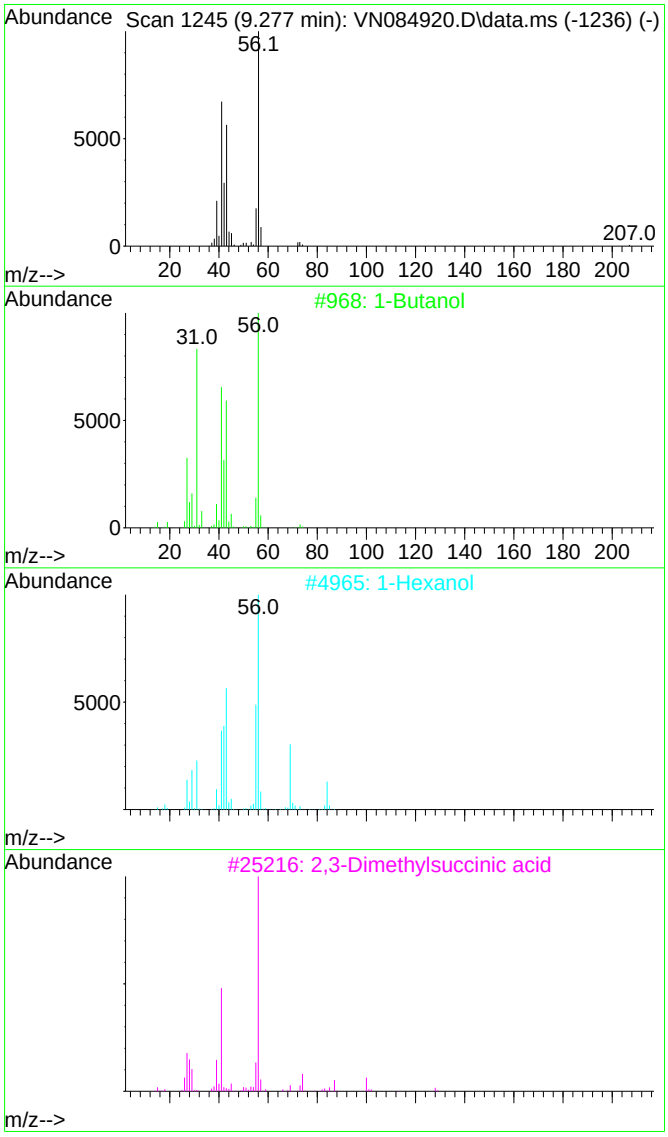
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260

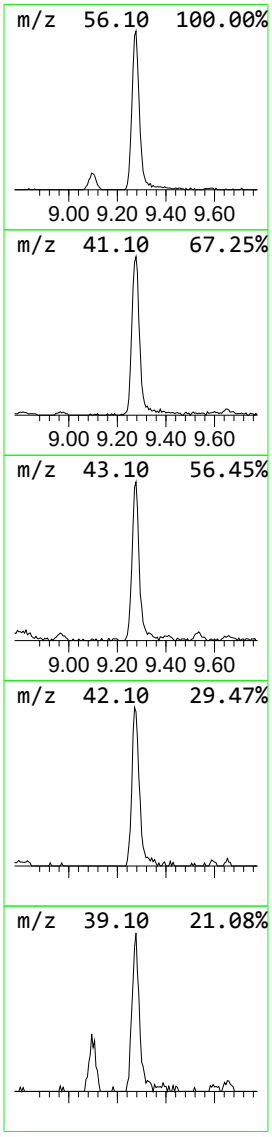
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Butanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.277	14.95 ug/l	215707	1,4-Difluorobenzene	9.100

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol	74	C4H10O	000071-36-3	90
2	1-Hexanol	102	C6H14O	000111-27-3	43
3	2,3-Dimethylsuccinic acid	146	C6H10O4	013545-04-5	42
4	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	38
5	2H-Pyran-2-one, tetrahydro-5,6-d...	128	C7H12O2	024405-16-1	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111824\
Data File : VN084920.D
Acq On : 18 Nov 2024 15:16
Operator : JC\MD
Sample : P4843-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SW-WTS-01

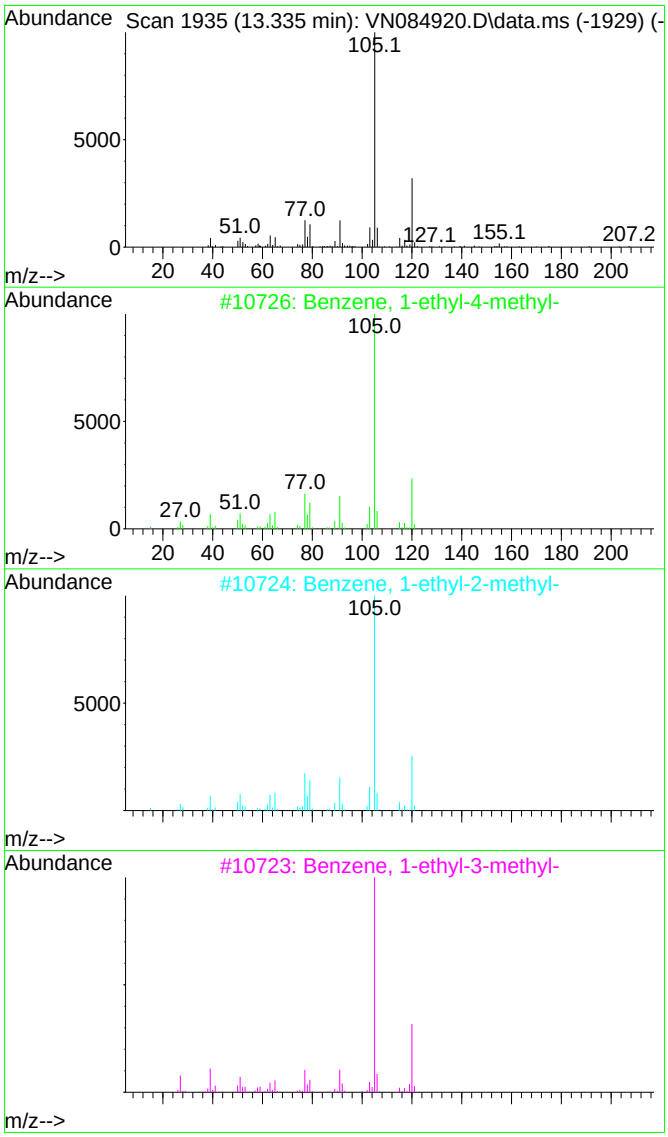
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260

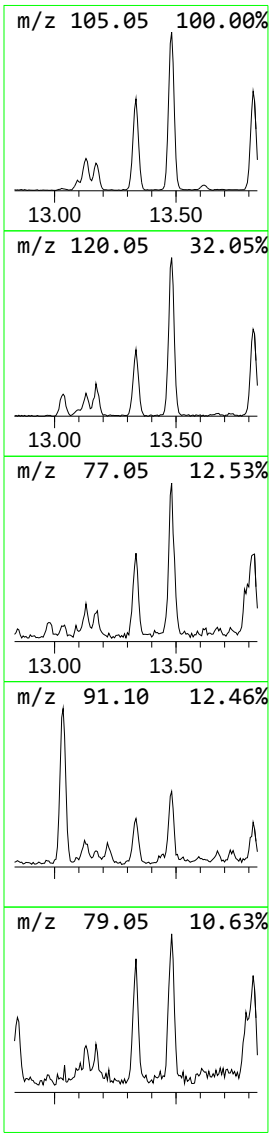
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.335	9.03 ug/l	204777	1,4-Dichlorobenzene-d4	13.788

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111824\
Data File : VN084920.D
Acq On : 18 Nov 2024 15:16
Operator : JC\MD
Sample : P4843-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SW-WTS-01

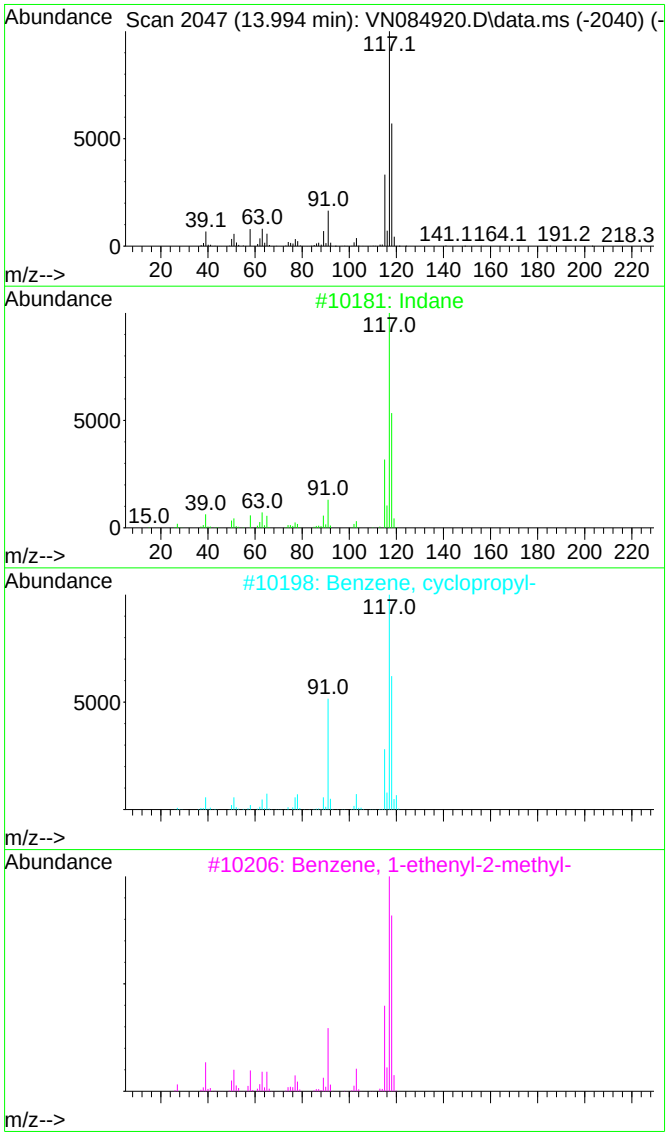
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260

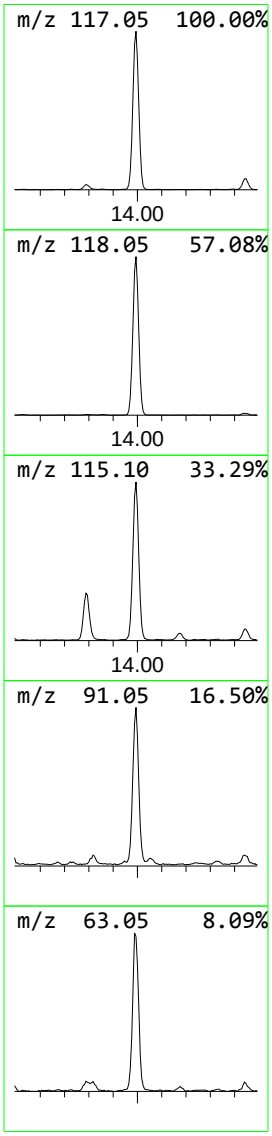
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.994	124.00 ug/l	2810920	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	53
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111824\
Data File : VN084920.D
Acq On : 18 Nov 2024 15:16
Operator : JC\MD
Sample : P4843-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SW-WTS-01

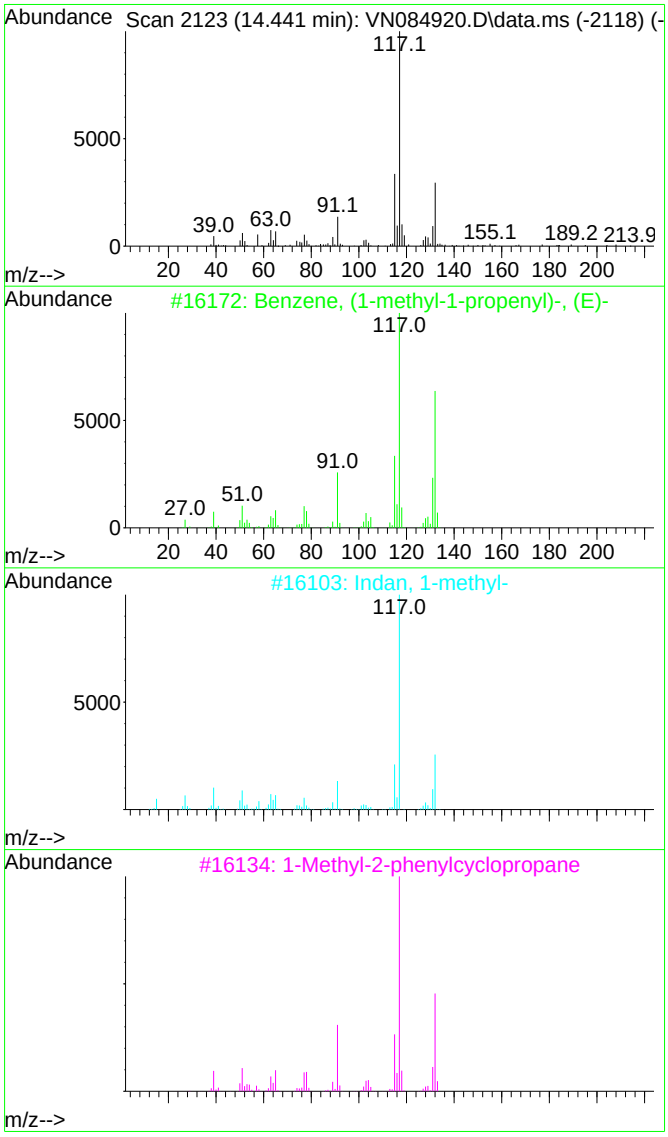
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260

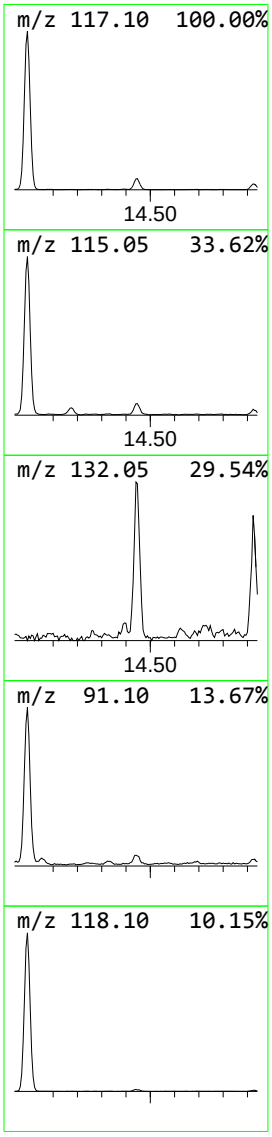
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, (1-methyl-1-propen... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.441	8.35 ug/l	189224	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111824\
Data File : VN084920.D
Acq On : 18 Nov 2024 15:16
Operator : JC\MD
Sample : P4843-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SW-WTS-01

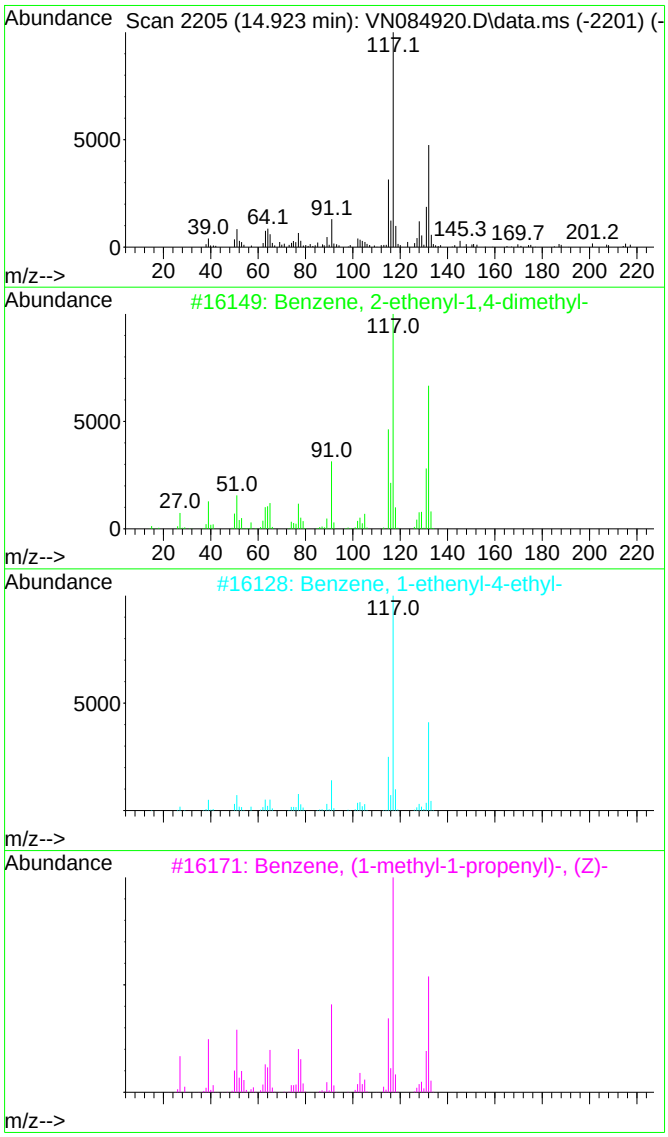
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260

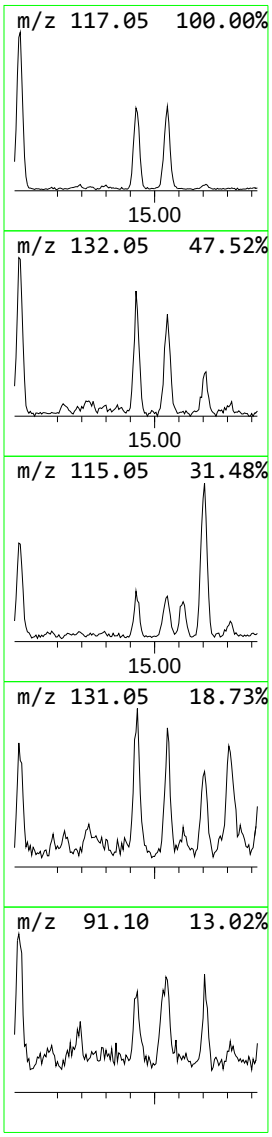
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.923	5.93 ug/l	134357	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	90
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	90
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111824\
Data File : VN084920.D
Acq On : 18 Nov 2024 15:16
Operator : JC\MD
Sample : P4843-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SW-WTS-01

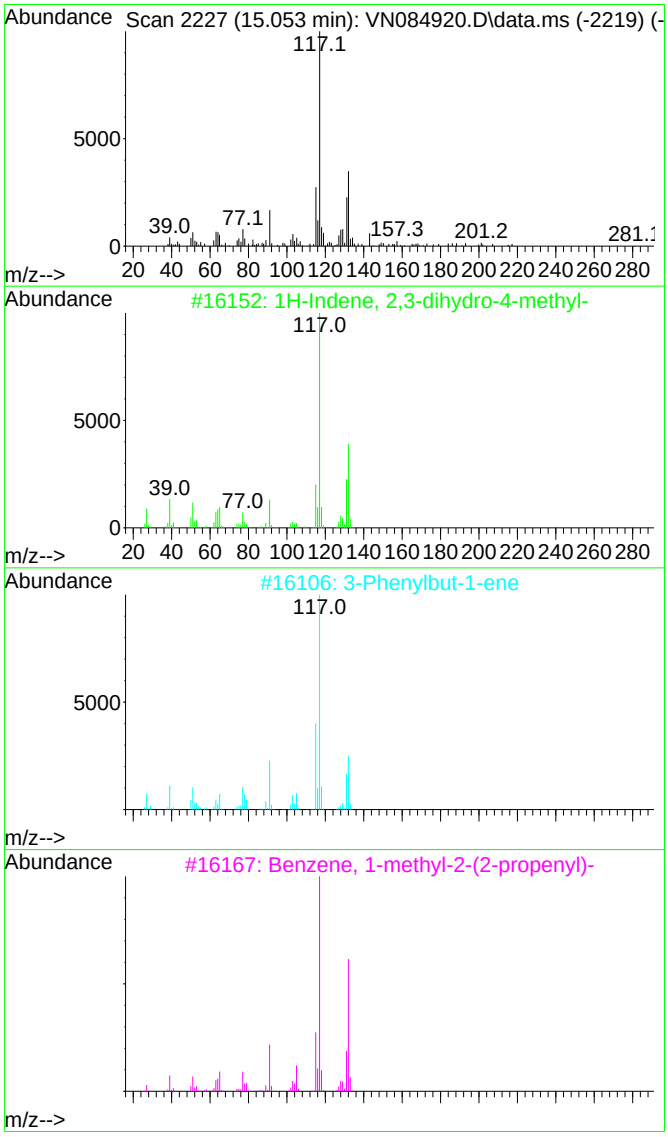
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260

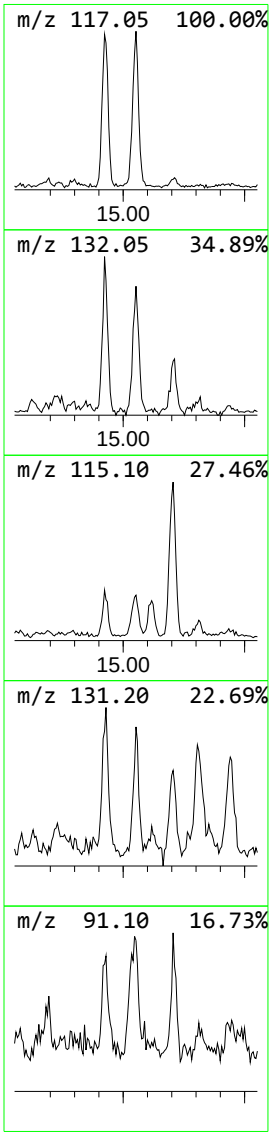
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.053	7.85 ug/l	177964	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	81
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	81
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111824\
Data File : VN084920.D
Acq On : 18 Nov 2024 15:16
Operator : JC\MD
Sample : P4843-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SW-WTS-01

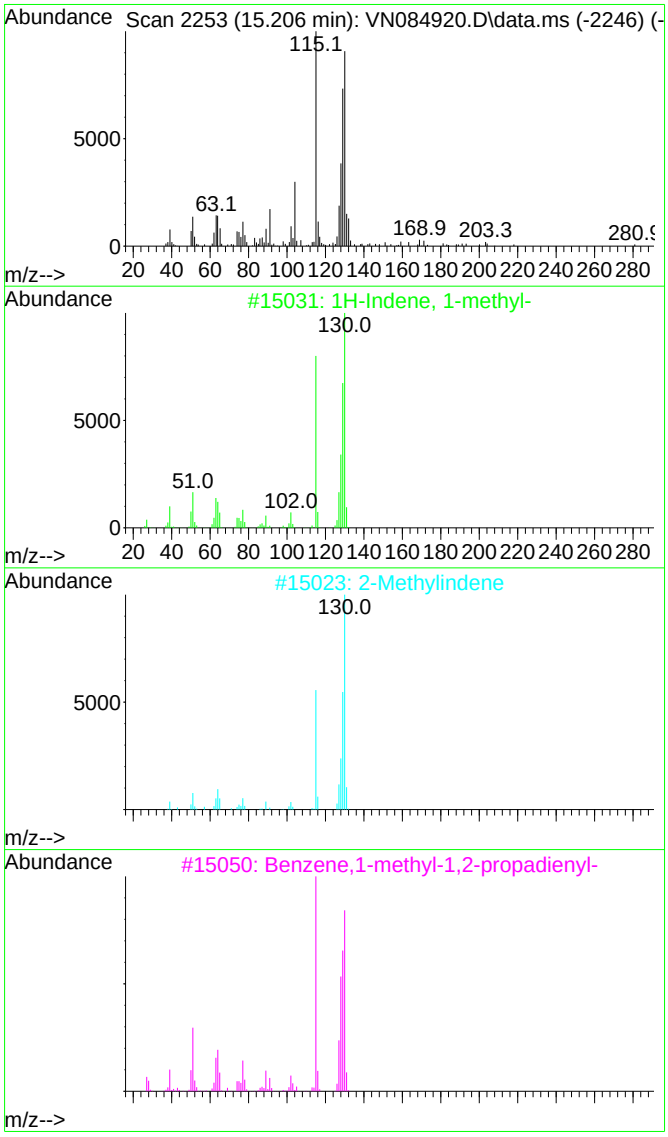
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260

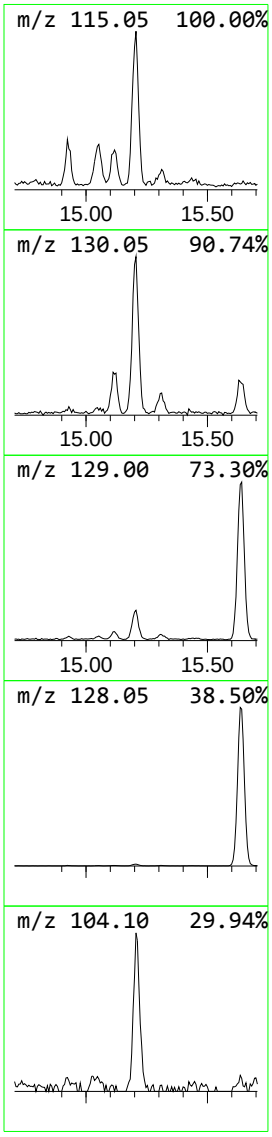
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Indene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.206	11.31 ug/l	256463	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2	2-Methylindene	130	C10H10	002177-47-1	95
3	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95
4	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	93
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111824\
Data File : VN084920.D
Acq On : 18 Nov 2024 15:16
Operator : JC\MD
Sample : P4843-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SW-WTS-01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.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
Acetaldehyde	2.659	6.4	ug/l	69825	1	8.224	549227	50.0
1-Butanol	9.277	14.9	ug/l	215707	2	9.100	721526	50.0
Benzene, 1-ethy...	13.335	9.0	ug/l	204777	4	13.788	1133400	50.0
Indane	13.994	124.0	ug/l	2810920	4	13.788	1133400	50.0
Benzene, (1-met...	14.441	8.3	ug/l	189224	4	13.788	1133400	50.0
Benzene, 2-ethe...	14.923	5.9	ug/l	134357	4	13.788	1133400	50.0
1H-Indene, 2,3-...	15.053	7.8	ug/l	177964	4	13.788	1133400	50.0
1H-Indene, 1-me...	15.206	11.3	ug/l	256463	4	13.788	1133400	50.0