LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111924\
Data File : VN084940.D
Acq On : 19 Nov 2024 12:28
Operator : JC\MD
Sample : P4770-01 500X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-1

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: VN084940.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.165	1045	1056	1060	rBV	135069	317340	5.29%	0.842%
2	8.218	1060	1065	1078	rVB	242526	551774	9.20%	1.465%
3	8.577	1116	1126	1136	rBV	151752	352354	5.88%	0.935%
4	8.753	1136	1156	1169	rVV	68038	229835	3.83%	0.610%
5	9.100	1203	1215	1223	rBV	356216	745835	12.44%	1.980%
6	9.588	1285	1298	1303	rBV3	35196	87742	1.46%	0.233%
7	10.012	1363	1370	1379	rVB	96096	191016	3.19%	0.507%
8	10.141	1385	1392	1399	rVB	156965	297188	4.96%	0.789%
9	10.488	1446	1451	1457	rVB	59445	103846	1.73%	0.276%
10	10.565	1457	1464	1469	rBV	538278	974162	16.24%	2.586%
11	10.630	1469	1475	1485	rVV	509476	949266	15.83%	2.520%
12	11.000	1529	1538	1546	rVB6	19608	60225	1.00%	0.160%
13	11.865	1676	1685	1694	rBV	479860	861745	14.37%	2.287%
14	11.965	1694	1702	1711	rVV	747746	1305454	21.77%	3.465%
15	12.065	1711	1719	1730	rVB	3207806	5996889	100.00%	15.917%
16	12.394	1765	1775	1784	rBV	1503342	2541891	42.39%	6.747%
17	12.694	1819	1826	1833	rBV	401050	660001	11.01%	1.752%
18	12.847	1840	1852	1861	rVB	419258	706183	11.78%	1.874%
19	13.035	1877	1884	1889	rBV	620012	1008101	16.81%	2.676%
20	13.094	1889	1894	1898	rVV	2009363	3463492	57.75%	9.193%
21	13.129	1898	1900	1903	rVV	877327	1113741	18.57%	2.956%
22	13.171	1903	1907	1923	rVB	1048899	1687281	28.14%	4.478%
23	13.335	1927	1935	1943	rBV	759315	1217744	20.31%	3.232%
24	13.482	1952	1960	1974	rVB	3318511	5364700	89.46%	14.239%
25	13.612	1974	1982	1987	rBV3	56709	139231	2.32%	0.370%
26	13.671	1987	1992	1997	rVB2	63066	94402	1.57%	0.251%
27	13.794	2006	2013	2014	rVV	506624	778157	12.98%	2.065%
28	13.818	2014	2017	2027	rVB	736690	1153436	19.23%	3.061%
29	13.953	2033	2040	2041	rBV2	110491	167498	2.79%	0.445%
30	13.988	2041	2046	2049	rBV2	453606	837837	13.97%	2.224%
31	14.182	2072	2079	2084	rBV2	107220	174562	2.91%	0.463%
32	14.241	2084	2089	2092	rVV	197682	343576	5.73%	0.912%
33	14.271	2092	2094	2099	rVV	183383	249661	4.16%	0.663%
34	14.329	2099	2104	2110	rVV	330987	510702	8.52%	1.356%
35	14.441	2118	2123	2133	rVB3	103622	188289	3.14%	0.500%
36	14.571	2139	2145	2151	rVB	68787	106592	1.78%	0.283%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111924\
Data File : VN084940.D
Acq On : 19 Nov 2024 12:28
Operator : JC\MD
Sample : P4770-01 500X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-1

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	14.653	2151	2159	2162	rBV	196590	323209	5.39%	0.858%
38	14.694	2162	2166	2170	rVV	279335	432532	7.21%	1.148%
39	14.929	2200	2206	2210	rBV	109693	194389	3.24%	0.516%
40	15.047	2216	2226	2232	rBV4	183615	510218	8.51%	1.354%
41	15.318	2260	2272	2282	rBV3	45706	144306	2.41%	0.383%
42	15.429	2287	2291	2299	rVB5	31445	74714	1.25%	0.198%
43	15.635	2319	2326	2335	rBV	192153	376548	6.28%	0.999%
44	16.782	2513	2521	2522	rBV2	52351	88586	1.48%	0.235%

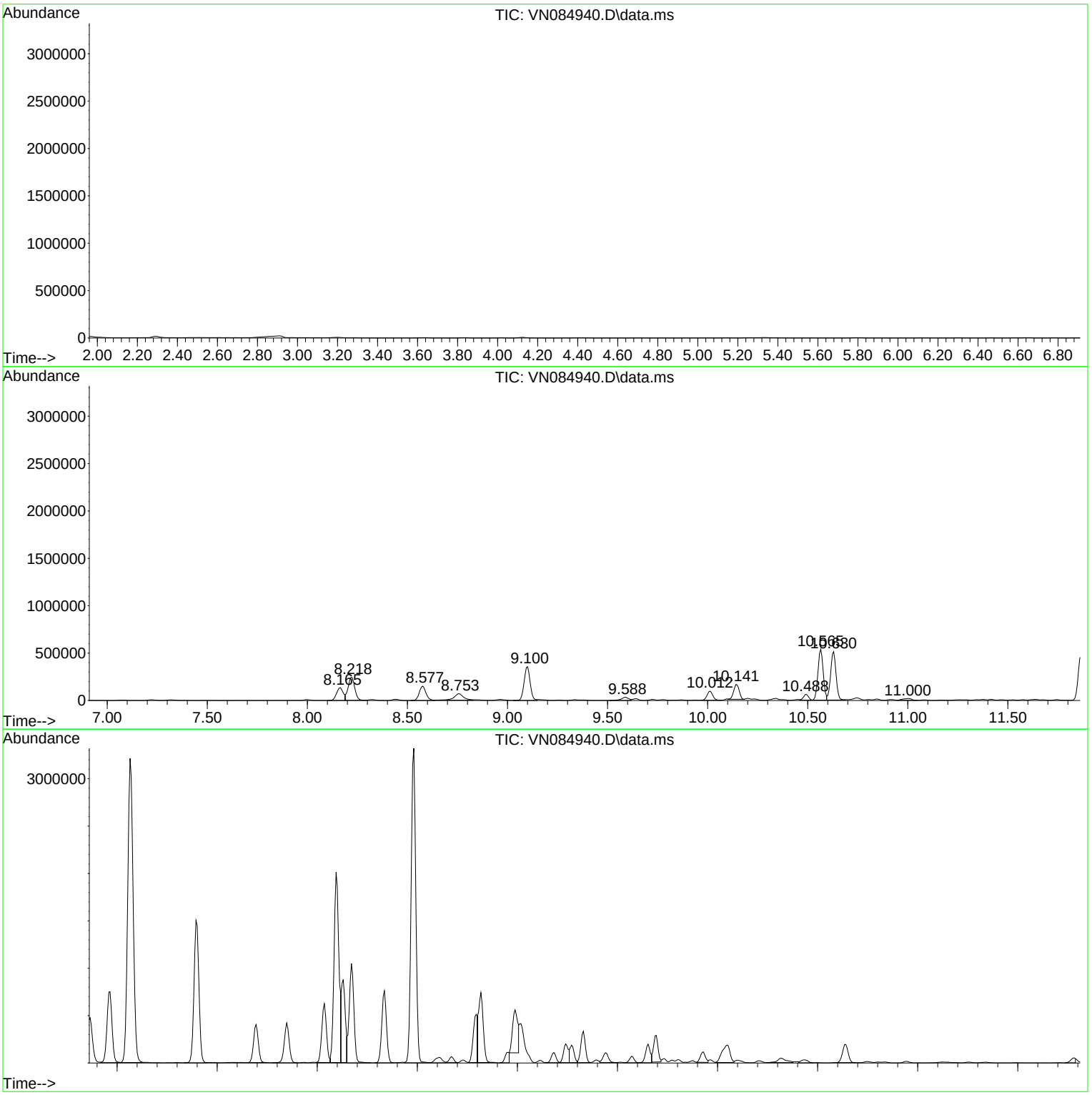
Sum of corrected areas: 37676250

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111924\
Data File : VN084940.D
Acq On : 19 Nov 2024 12:28
Operator : JC\MD
Sample : P4770-01 500X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-1

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\VN111924\
Data File : VN084940.D
Acq On : 19 Nov 2024 12:28
Operator : JC\MD
Sample : P4770-01 500X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-1

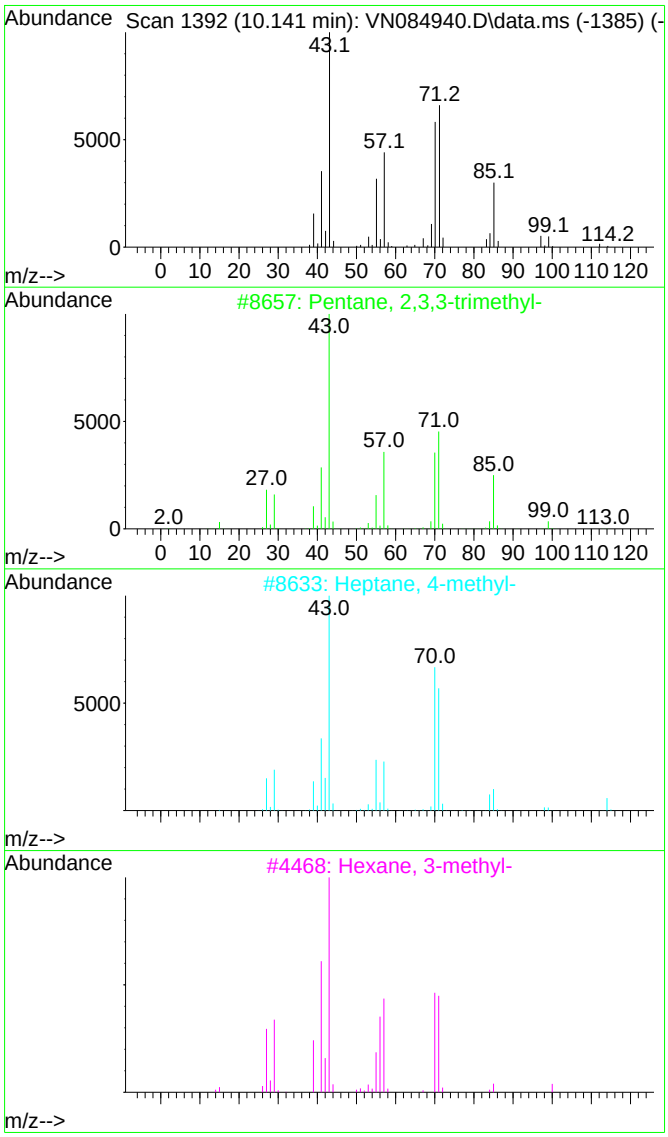
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260

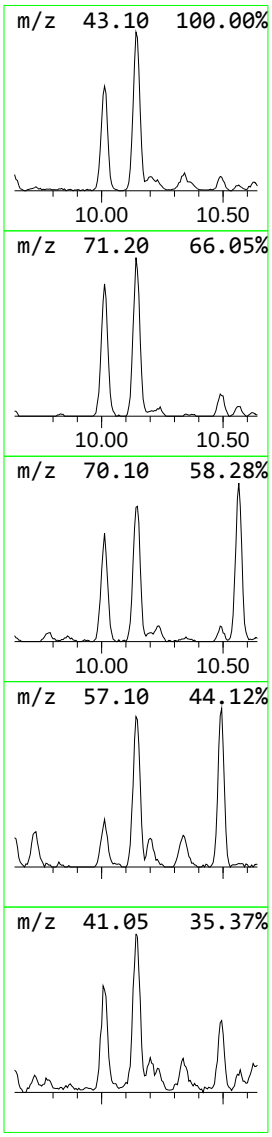
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Pentane, 2,3,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.141	19.92 ug/l	297188	1,4-Difluorobenzene	9.100

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	64
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	59
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	59
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111924\
Data File : VN084940.D
Acq On : 19 Nov 2024 12:28
Operator : JC\MD
Sample : P4770-01 500X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-1

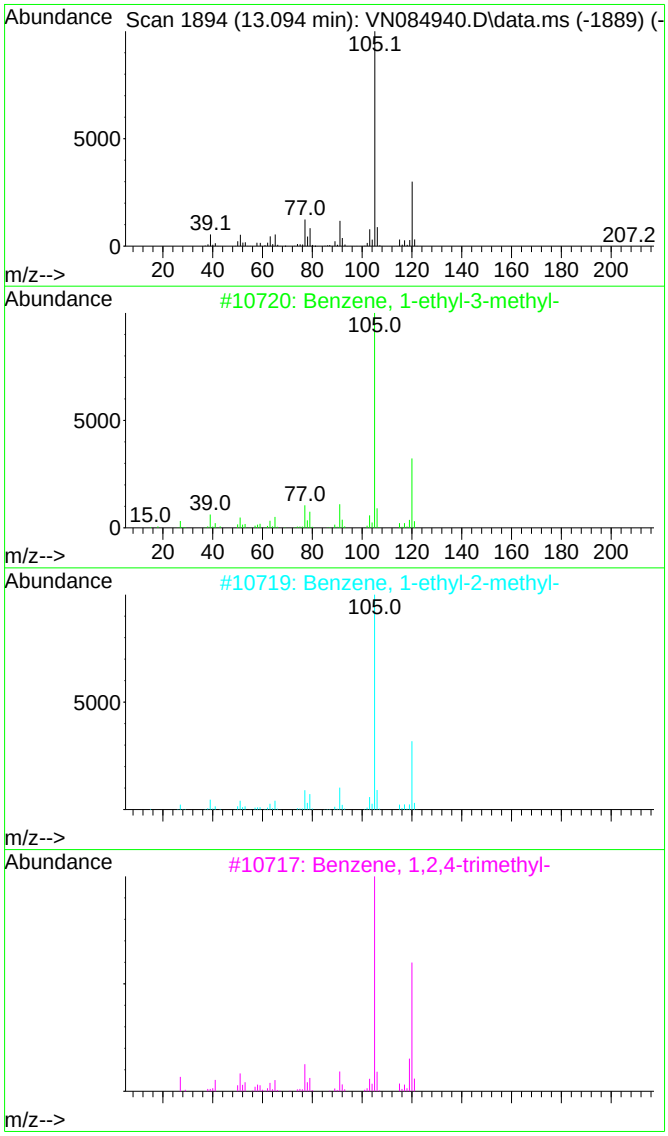
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260

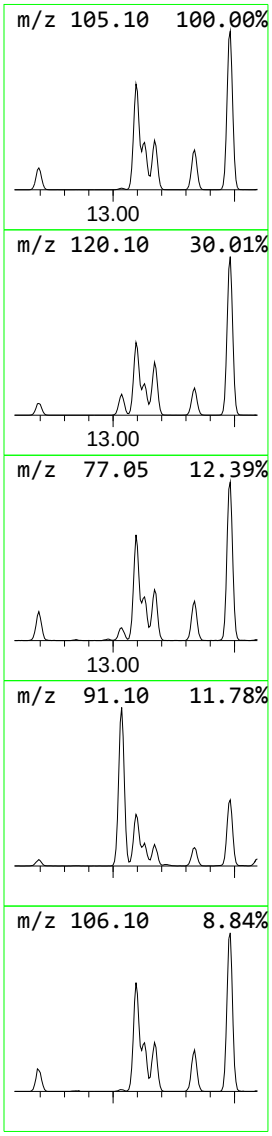
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.094	222.54 ug/l	3463490	1,4-Dichlorobenzene-d4	13.788

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	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111924\
Data File : VN084940.D
Acq On : 19 Nov 2024 12:28
Operator : JC\MD
Sample : P4770-01 500X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-1

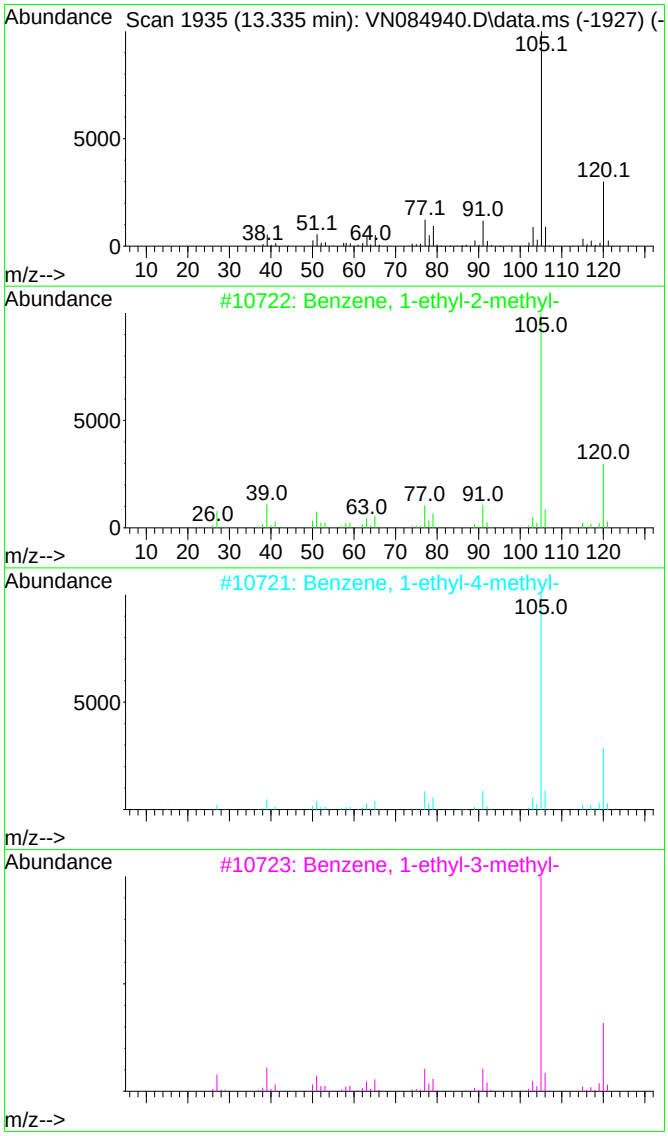
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260

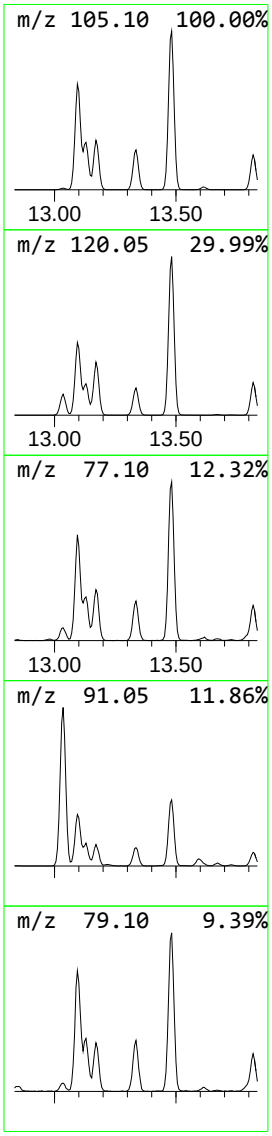
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.335	78.25 ug/l	1217740	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111924\
Data File : VN084940.D
Acq On : 19 Nov 2024 12:28
Operator : JC\MD
Sample : P4770-01 500X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-1

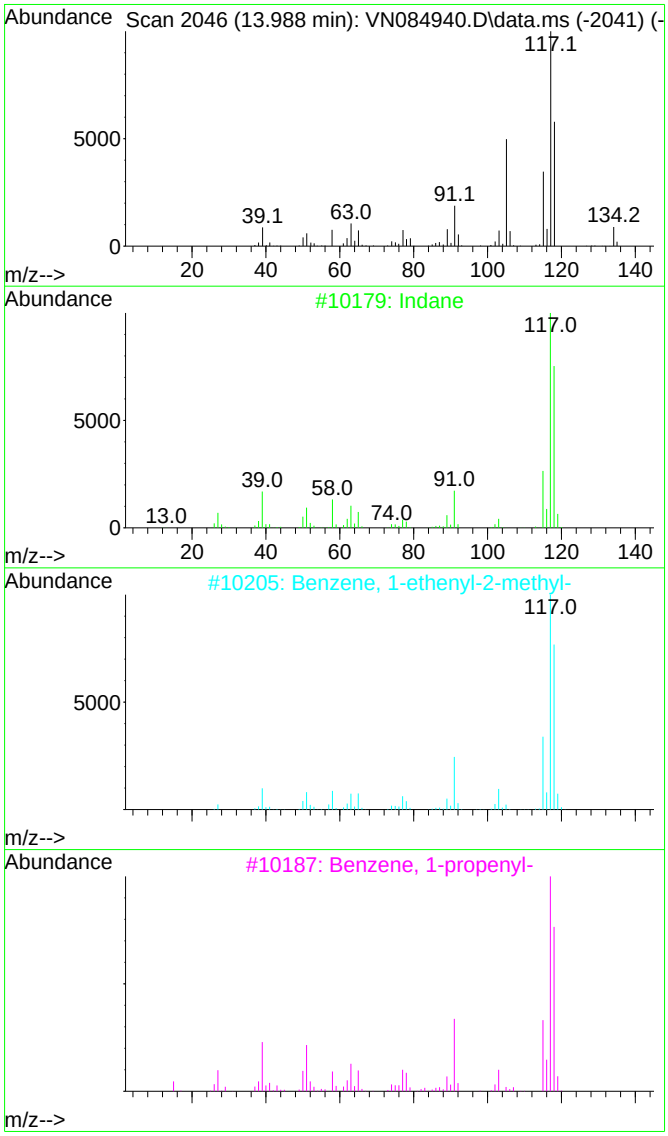
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260

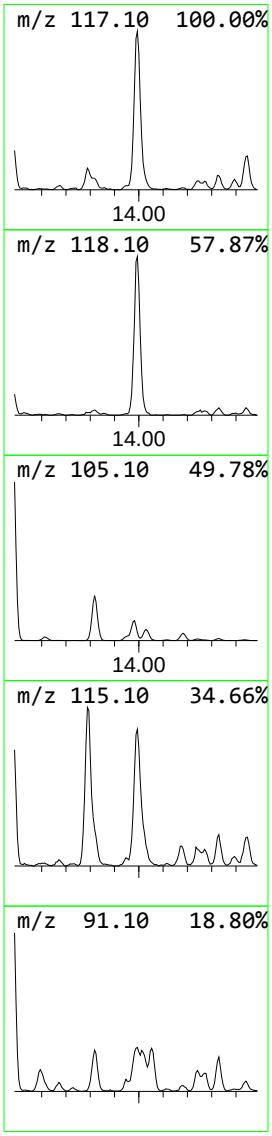
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.988	53.83 ug/l	837837	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	76
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	70
4	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	68
5	Deltacyclene	118	C9H10	007785-10-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111924\
Data File : VN084940.D
Acq On : 19 Nov 2024 12:28
Operator : JC\MD
Sample : P4770-01 500X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-1

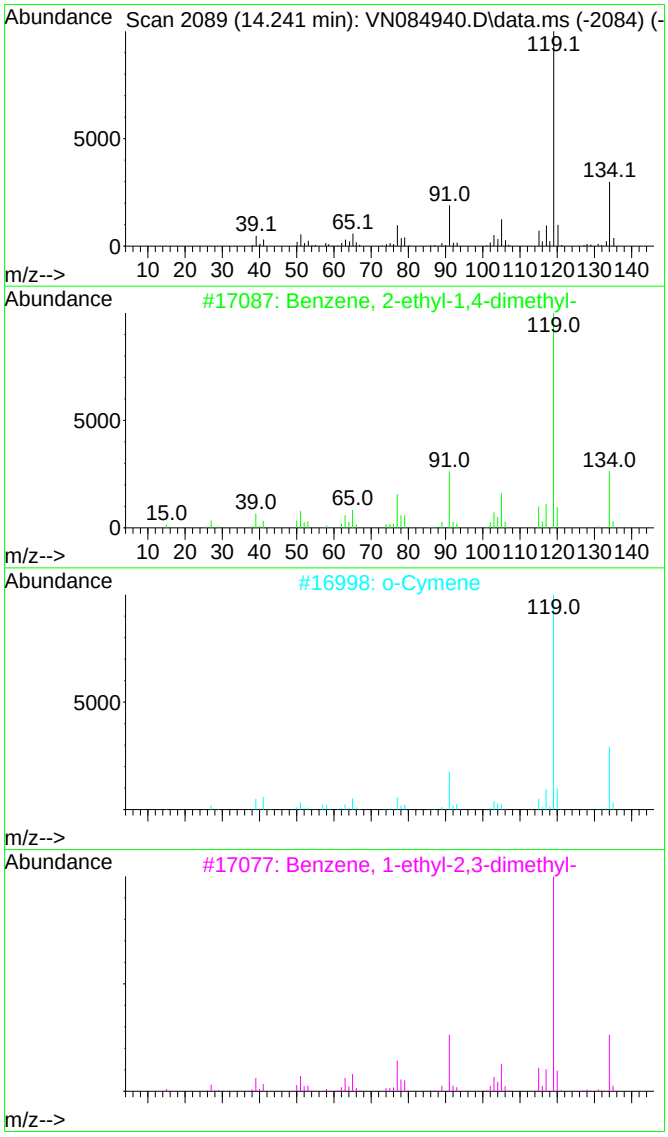
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260

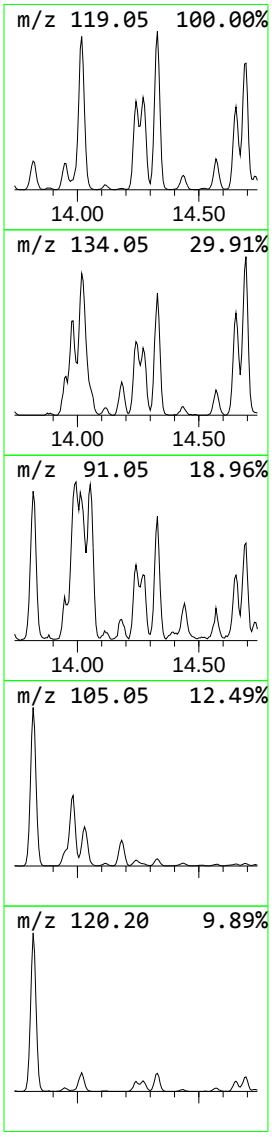
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.241	22.08 ug/l	343576	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111924\
Data File : VN084940.D
Acq On : 19 Nov 2024 12:28
Operator : JC\MD
Sample : P4770-01 500X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-1

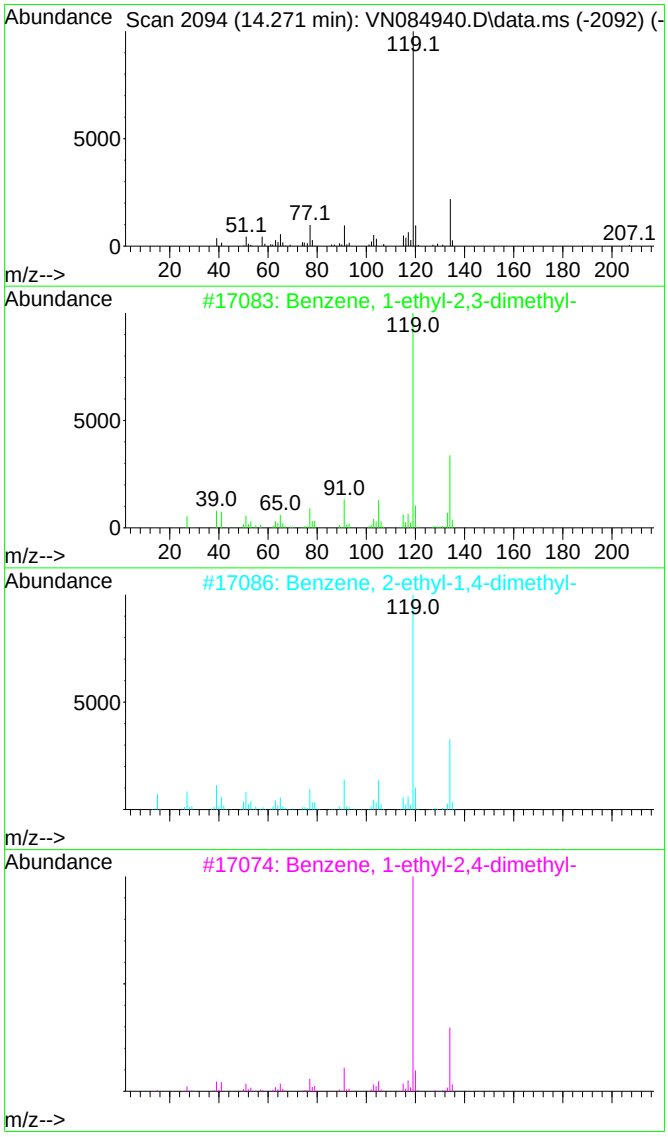
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260

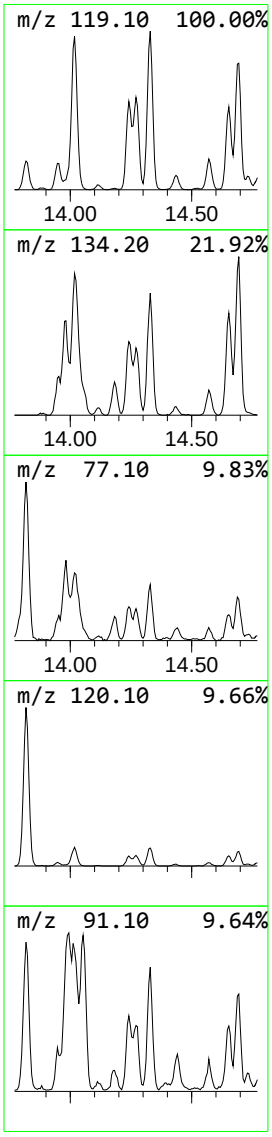
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.271	16.04 ug/l	249661	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111924\
Data File : VN084940.D
Acq On : 19 Nov 2024 12:28
Operator : JC\MD
Sample : P4770-01 500X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-1

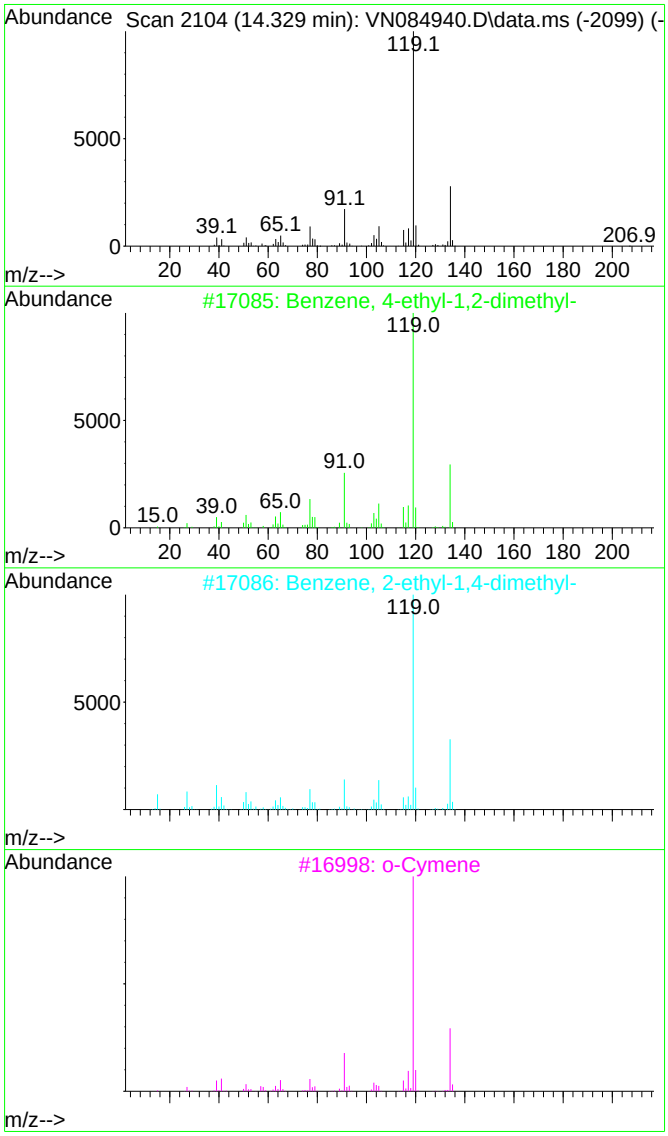
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260

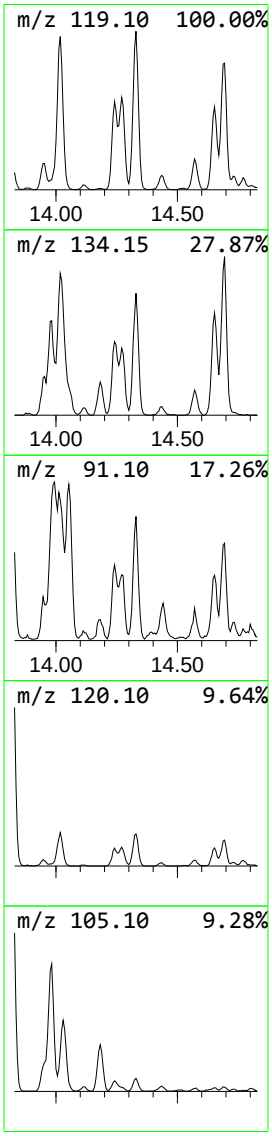
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.329	32.81 ug/l	510702	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111924\
Data File : VN084940.D
Acq On : 19 Nov 2024 12:28
Operator : JC\MD
Sample : P4770-01 500X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-1

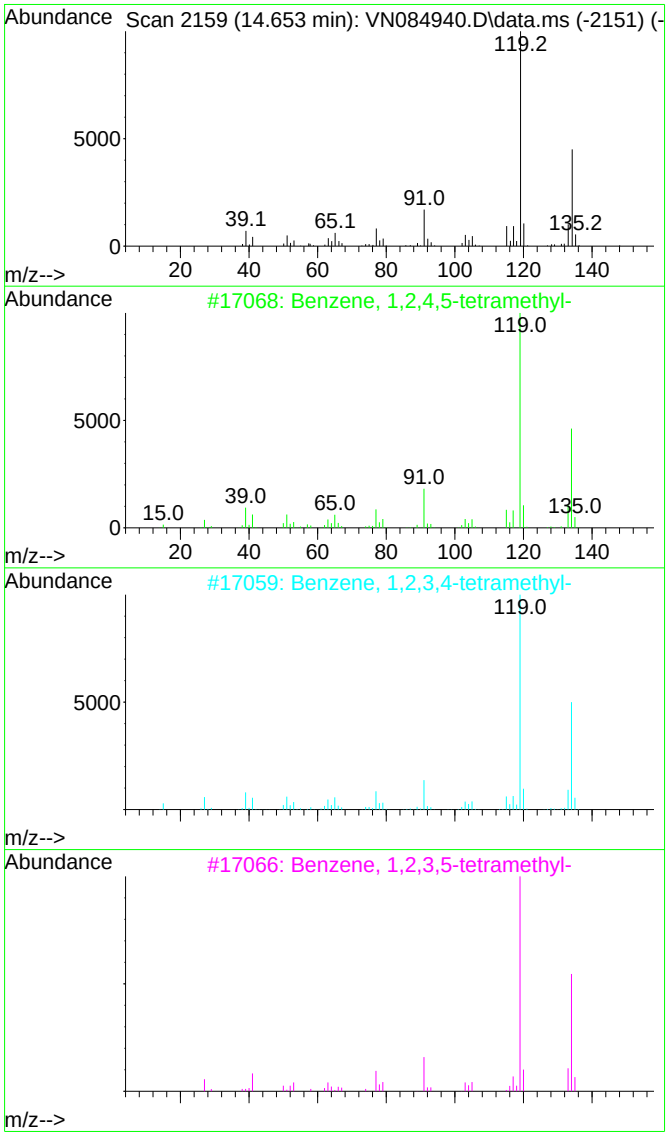
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260

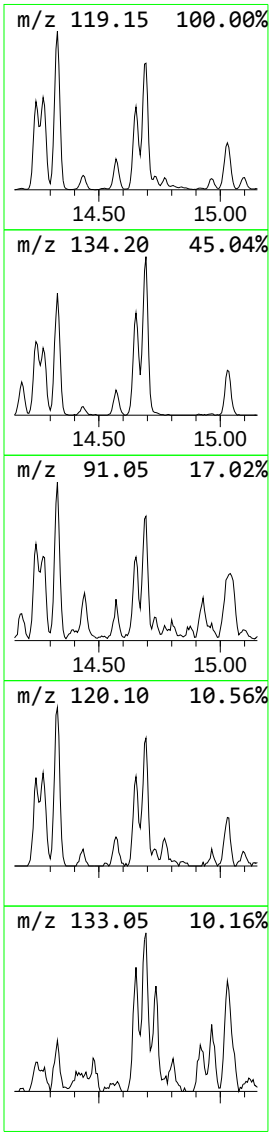
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.653	20.77 ug/l	323209	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94
5	o-Cymene	134	C10H14	000527-84-4	94





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Data File : VN084940.D
Acq On : 19 Nov 2024 12:28
Operator : JC\MD
Sample : P4770-01 500X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-1

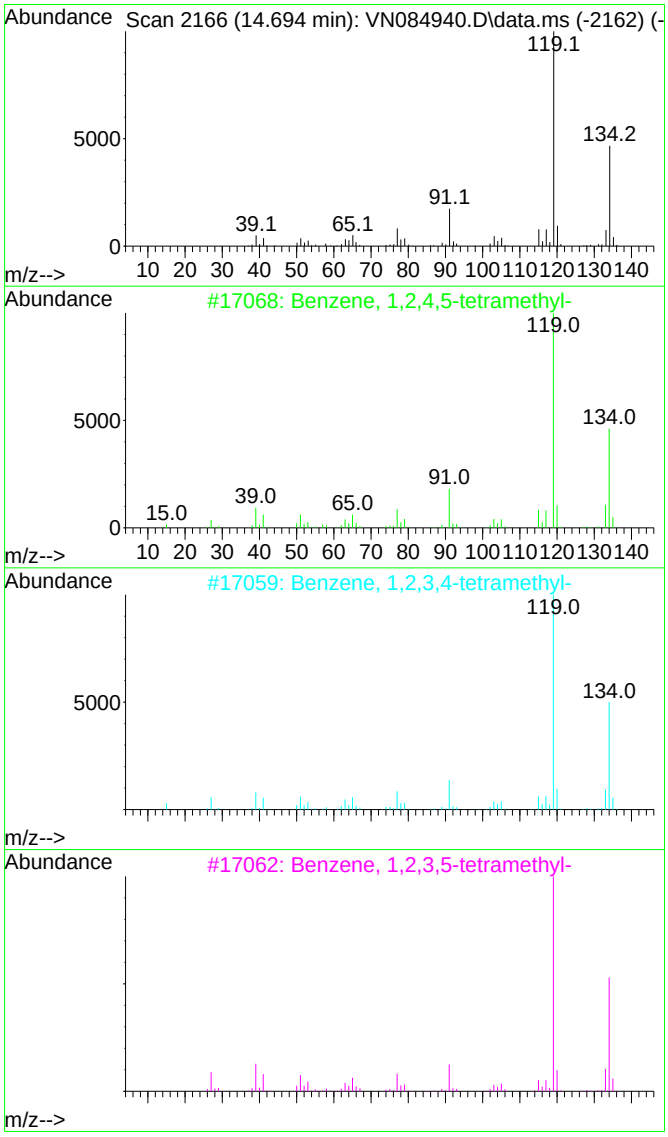
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260

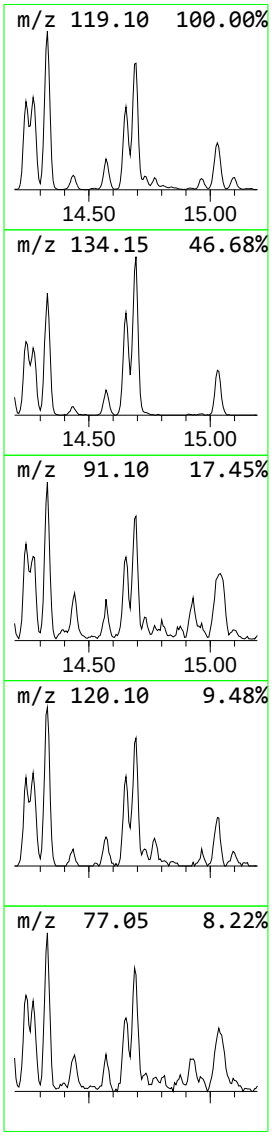
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.694	27.79 ug/l	432532	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111924\
Data File : VN084940.D
Acq On : 19 Nov 2024 12:28
Operator : JC\MD
Sample : P4770-01 500X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-1

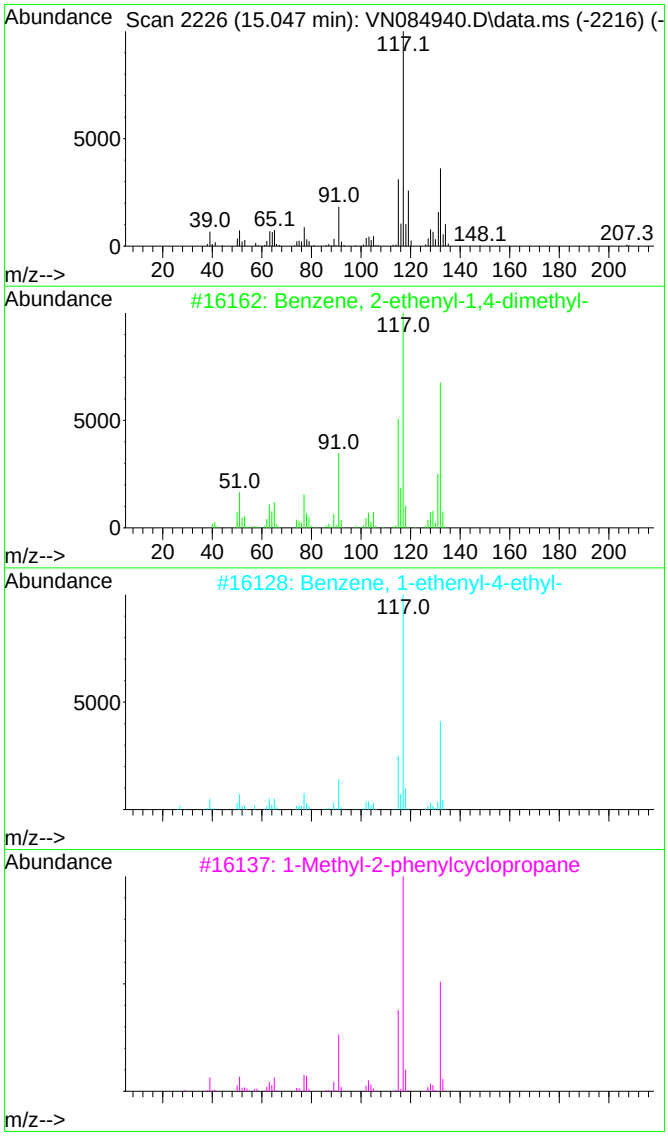
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260

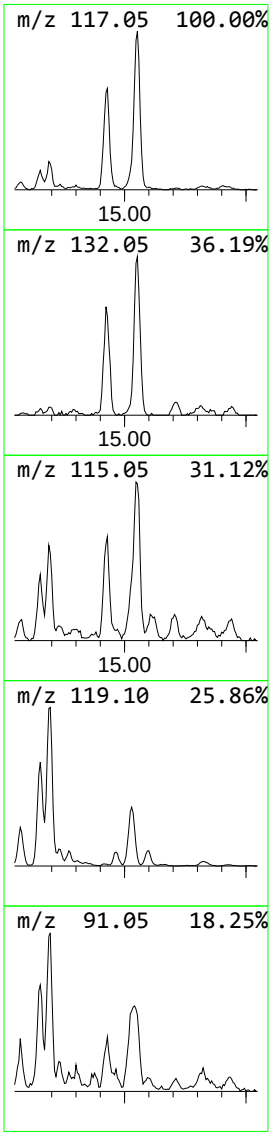
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.047	32.78 ug/l	510218	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	95
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	92
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	83
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111924\
Data File : VN084940.D
Acq On : 19 Nov 2024 12:28
Operator : JC\MD
Sample : P4770-01 500X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-1

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
Pentane, 2,3,3-...	10.141	19.9	ug/l	297188	2	9.100	745835	50.0
Benzene, 1-ethy...	13.094	222.5	ug/l	3463490	4	13.788	778157	50.0
Benzene, 1-ethy...	13.335	78.3	ug/l	1217740	4	13.788	778157	50.0
Indane	13.988	53.8	ug/l	837837	4	13.788	778157	50.0
Benzene, 2-ethy...	14.241	22.1	ug/l	343576	4	13.788	778157	50.0
Benzene, 1-ethy...	14.271	16.0	ug/l	249661	4	13.788	778157	50.0
Benzene, 4-ethy...	14.329	32.8	ug/l	510702	4	13.788	778157	50.0
Benzene, 1,2,4,...	14.653	20.8	ug/l	323209	4	13.788	778157	50.0
Benzene, 1,2,3,...	14.694	27.8	ug/l	432532	4	13.788	778157	50.0
Benzene, 2-ethe...	15.047	32.8	ug/l	510218	4	13.788	778157	50.0