LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090923\
Data File : VX037631.D
Acq On : 09 Sep 2023 16:37
Operator : JC/MD
Sample : 04296-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NGTW3

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_X\Method\82X090823W.M
Title : SW846 8260

Signal : TIC: VX037631.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.251	838	847	856	rVB	141264	426957	1.06%	0.161%
2	6.763	922	931	939	rBV	231025	563426	1.40%	0.212%
3	7.379	1019	1032	1044	rBV3	246826	640708	1.59%	0.241%
4	8.647	1235	1240	1250	rVB	495283	826248	2.06%	0.311%
5	10.055	1466	1471	1476	rVB	496566	667033	1.66%	0.251%
6	10.195	1489	1494	1500	rVB	5069836	6664750	16.58%	2.510%
7	10.311	1505	1513	1519	rBV	22808715	40193261	100.00%	15.136%
8	10.646	1562	1568	1574	rBV	13647823	19002897	47.28%	7.156%
9	10.963	1613	1620	1628	rBV	1217329	1475575	3.67%	0.556%
10	11.079	1635	1639	1644	rBV	377083	489034	1.22%	0.184%
11	11.305	1666	1676	1683	rBV	3013634	3790250	9.43%	1.427%
12	11.384	1683	1689	1696	rBV	15529654	30457023	75.78%	11.470%
13	11.457	1696	1701	1706	rVB	11234652	14066209	35.00%	5.297%
14	11.616	1721	1727	1735	rBV	8839275	11179256	27.81%	4.210%
15	11.762	1745	1751	1756	rVB	23585397	37334817	92.89%	14.060%
16	11.975	1781	1786	1789	rBV	663376	813921	2.03%	0.307%
17	12.024	1789	1794	1799	rVB2	563642	854009	2.12%	0.322%
18	12.091	1799	1805	1810	rBV	11305875	14287808	35.55%	5.381%
19	12.244	1825	1830	1838	rBV2	8273925	13284864	33.05%	5.003%
20	12.317	1838	1842	1850	rVB2	3995213	5661360	14.09%	2.132%
21	12.408	1852	1857	1862	rBV2	400327	535248	1.33%	0.202%
22	12.463	1862	1866	1872	rVB	1054007	1247071	3.10%	0.470%
23	12.530	1872	1877	1879	rBV	2600536	3229609	8.04%	1.216%
24	12.555	1879	1881	1886	rVB	2272817	2589382	6.44%	0.975%
25	12.615	1886	1891	1894	rBV	4035738	4825240	12.01%	1.817%
26	12.646	1894	1896	1900	rVB	834958	869579	2.16%	0.327%
27	12.701	1900	1905	1913	rBV2	2592056	3670907	9.13%	1.382%
28	12.847	1925	1929	1934	rVB	1213062	1482595	3.69%	0.558%
29	12.920	1934	1941	1945	rBV	2688568	3421372	8.51%	1.288%
30	12.963	1945	1948	1953	rVB	4082873	4647818	11.56%	1.750%
31	13.170	1977	1982	1986	rVB	2702151	3310121	8.24%	1.247%
32	13.292	1998	2002	2007	rVB2	5527948	7268100	18.08%	2.737%
33	13.341	2007	2010	2013	rBV3	399605	439138	1.09%	0.165%
34	13.426	2019	2024	2031	rVB	902952	1201514	2.99%	0.452%
35	13.506	2031	2037	2040	rBV2	284153	402722	1.00%	0.152%
36	13.542	2040	2043	2046	rVV	587645	780356	1.94%	0.294%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090923\
Data File : VX037631.D
Acq On : 09 Sep 2023 16:37
Operator : JC/MD
Sample : 04296-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NGTW3

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_X\Method\82X090823W.M
Title : SW846 8260

37	13.585	2046	2050	2056	rVV3	689941	1379222	3.43%	0.519%
38	13.664	2060	2063	2069	rVB2	570657	894199	2.22%	0.337%
39	13.780	2075	2082	2088	rBV	8214346	10945021	27.23%	4.122%
40	14.073	2126	2130	2136	rBV	538441	650046	1.62%	0.245%
41	14.213	2149	2153	2158	rBV	436354	663593	1.65%	0.250%
42	14.639	2218	2223	2233	rVB	4274132	5559835	13.83%	2.094%
43	14.780	2240	2246	2256	rVB	2281834	2853675	7.10%	1.075%

Sum of corrected areas: 265545769

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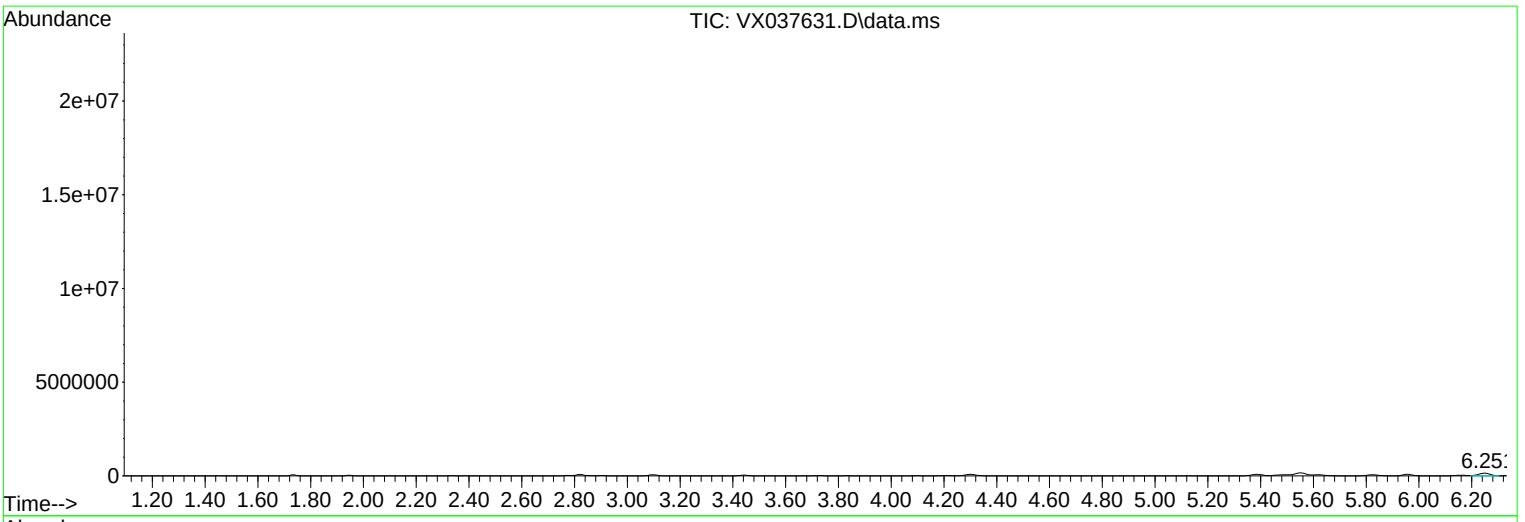
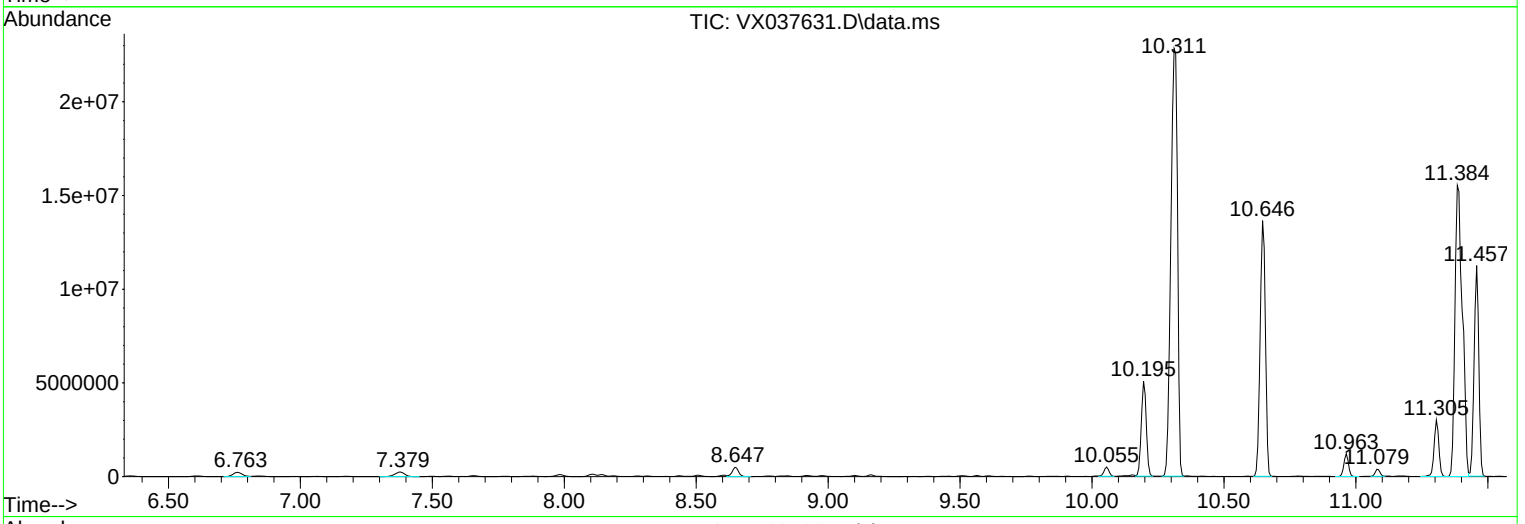
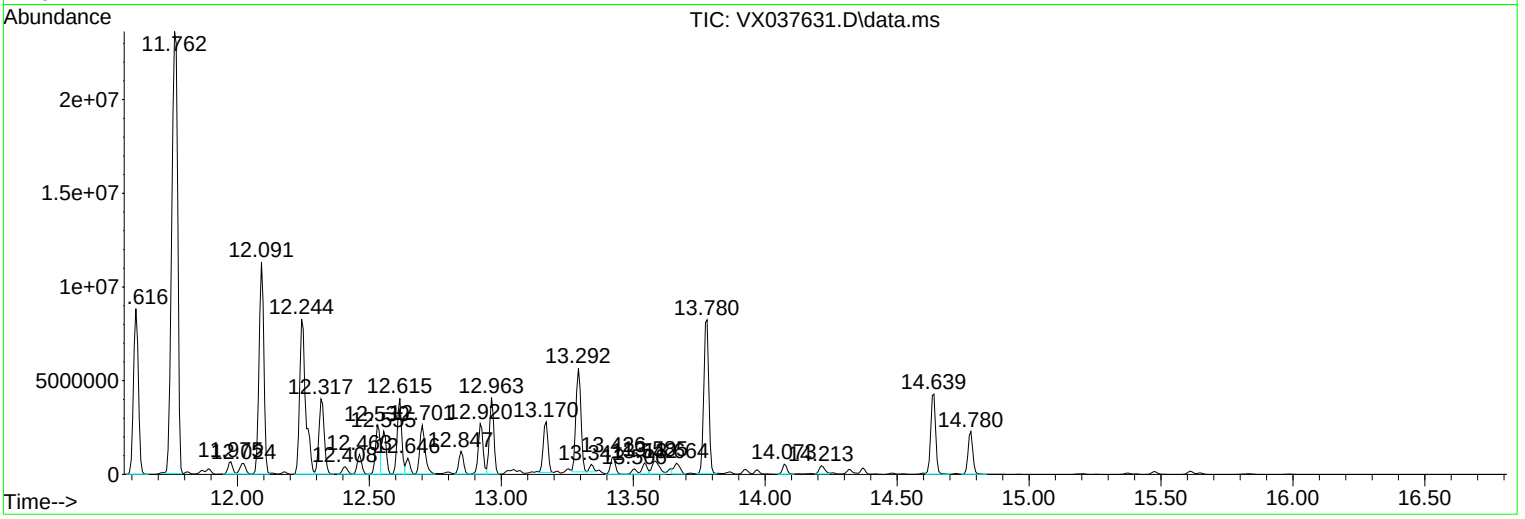
MSVOA_X
ClientSampleId :
NGTW3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
Quant Title : SW846 8260

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







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Data File : VX037631.D
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Operator : JC/MD
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MSVOA_X
ClientSampleId :
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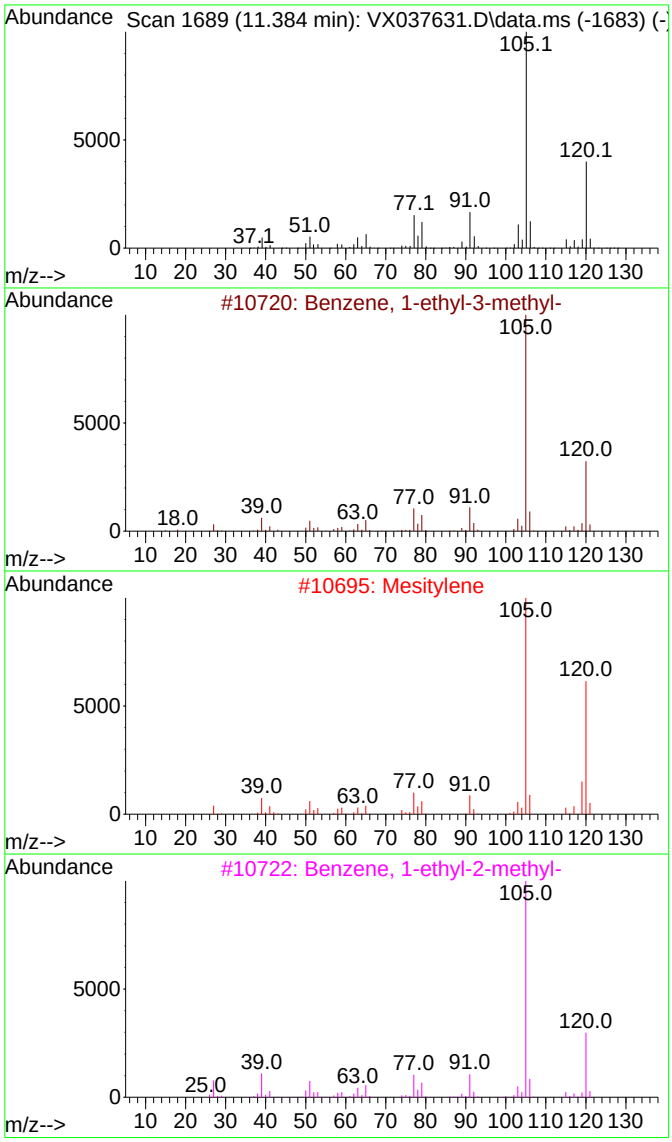
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
Quant Title : SW846 8260

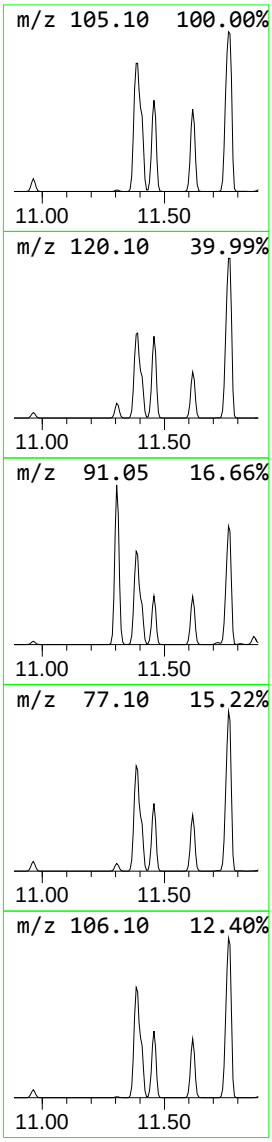
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.384	1783.18 ug/l	30457000	1,4-Dichlorobenzene-d4	12.024

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





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Data File : VX037631.D
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Operator : JC/MD
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NGTW3

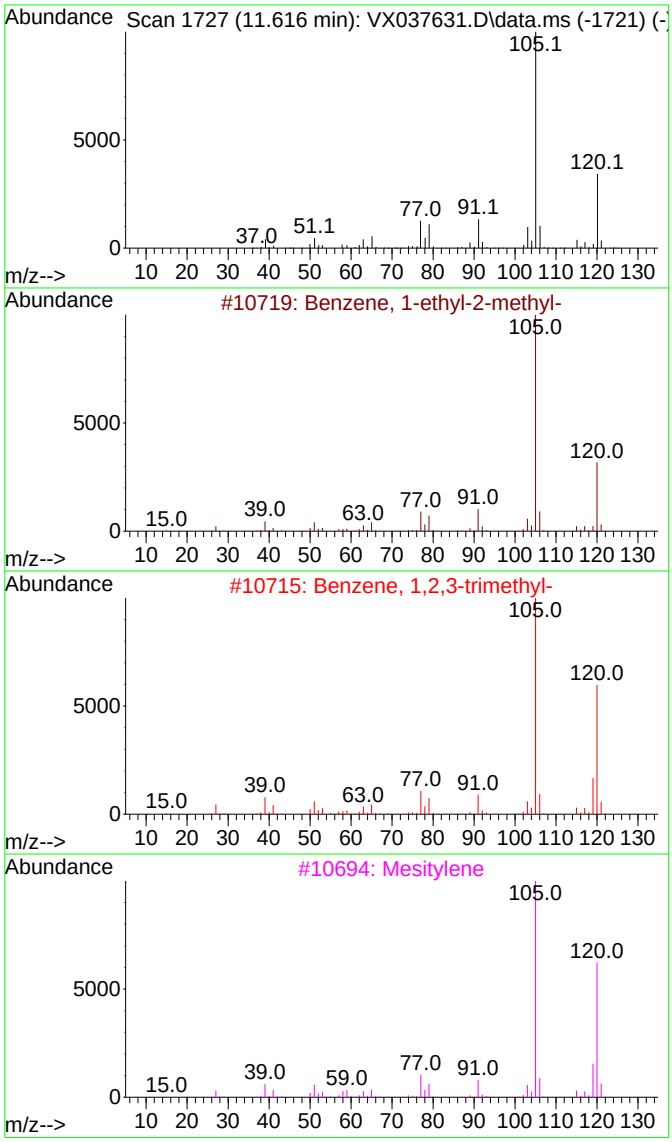
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
Quant Title : SW846 8260

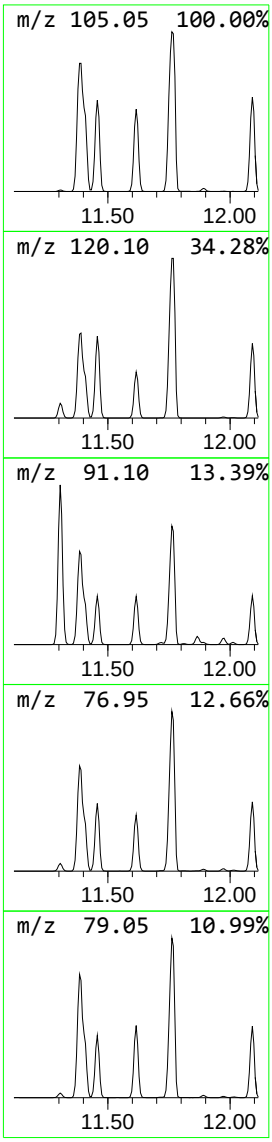
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.616	654.52 ug/l	11179300	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090923\
Data File : VX037631.D
Acq On : 09 Sep 2023 16:37
Operator : JC/MD
Sample : 04296-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NGTW3

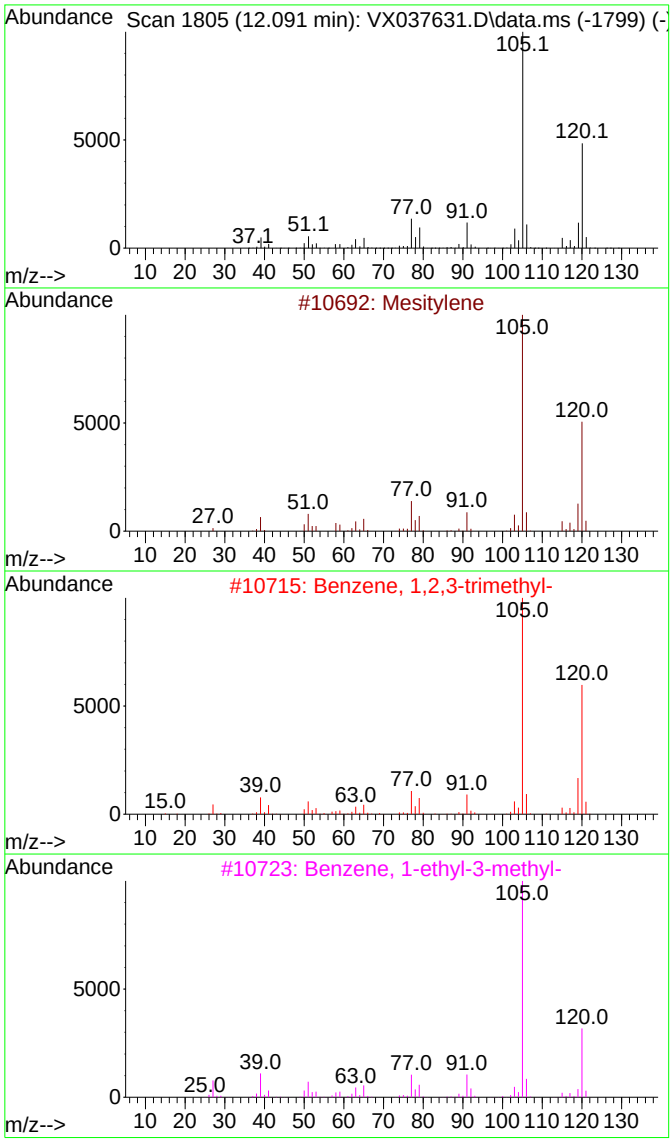
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
Quant Title : SW846 8260

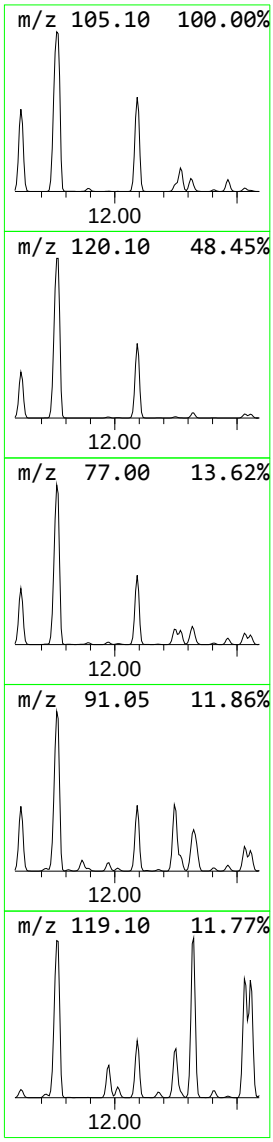
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.091	836.51 ug/l	14287800	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090923\
Data File : VX037631.D
Acq On : 09 Sep 2023 16:37
Operator : JC/MD
Sample : 04296-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NGTW3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
Quant Title : SW846 8260

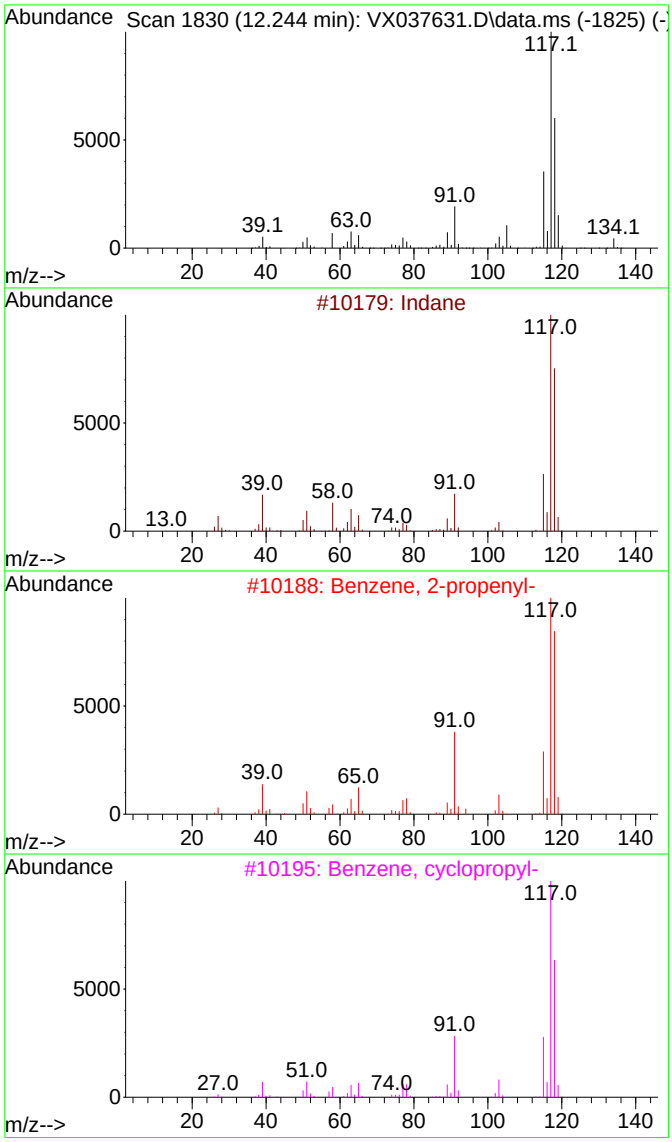
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

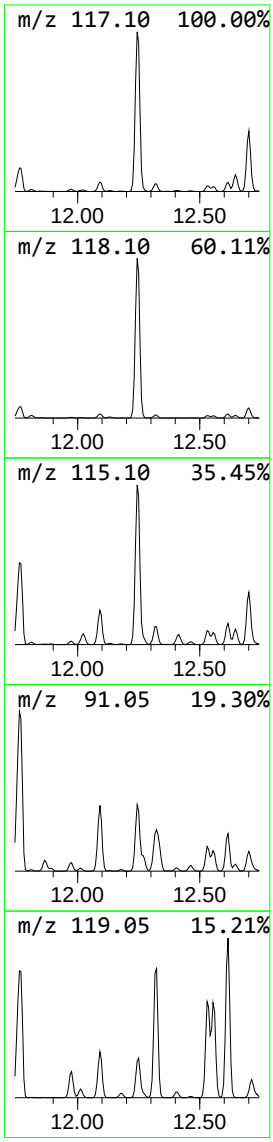
****

Peak Number 4 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	777.79 ug/l	13284900	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	59
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	55





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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NGTW3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
Quant Title : SW846 8260

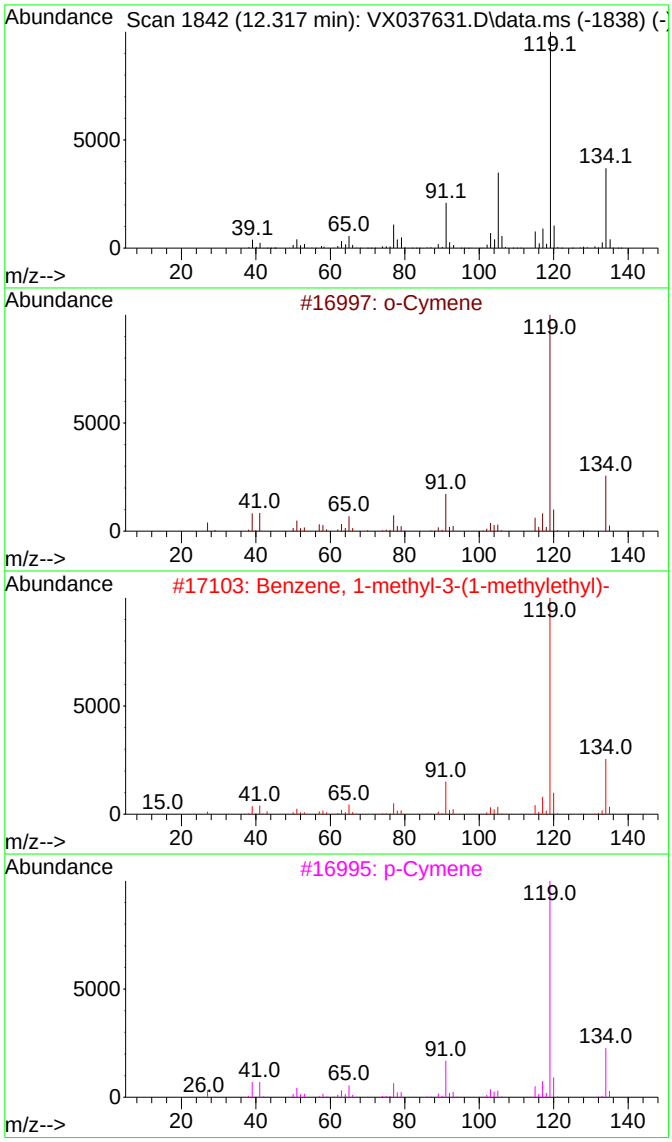
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

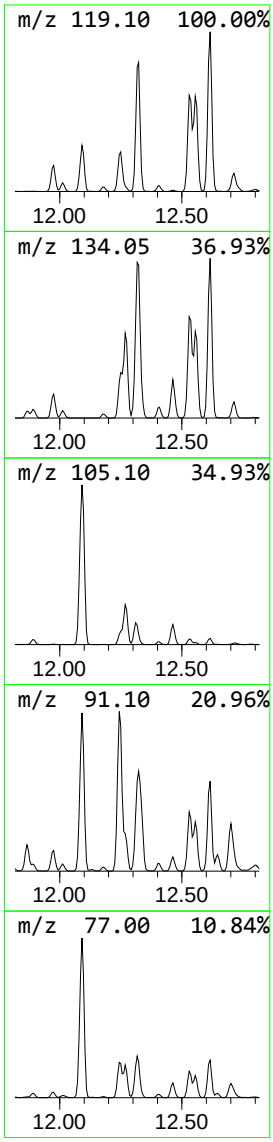
****

Peak Number 5 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.317	331.46 ug/l	5661360	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	p-Cymene	134	C10H14	000099-87-6	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93





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Data File : VX037631.D
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Sample : 04296-03
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NGTW3

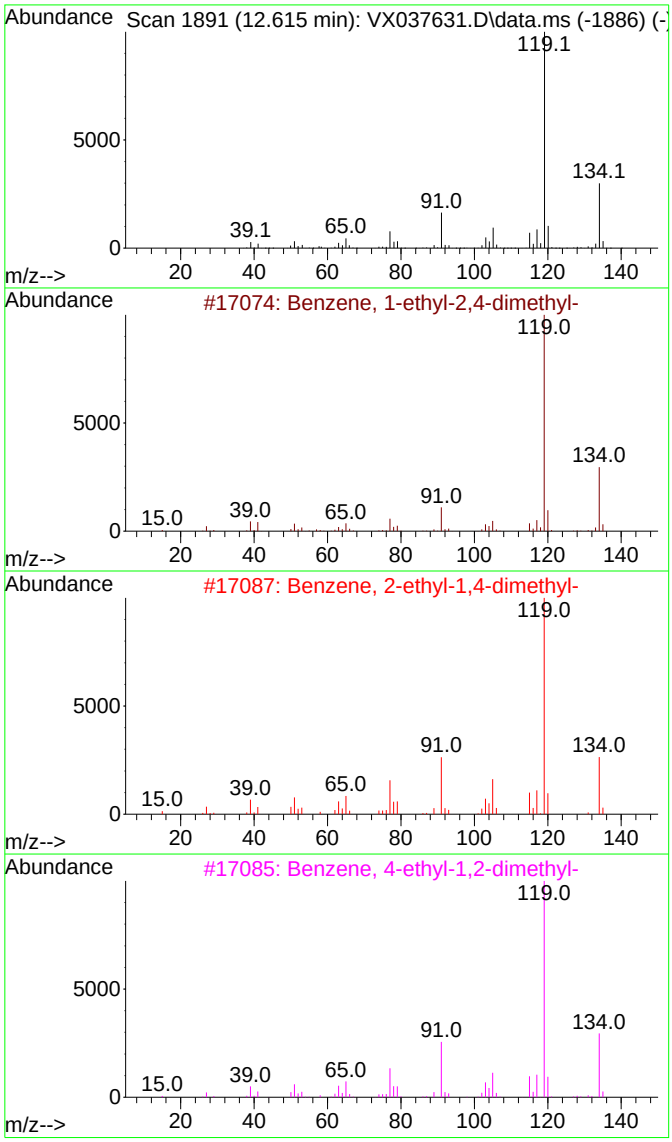
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
Quant Title : SW846 8260

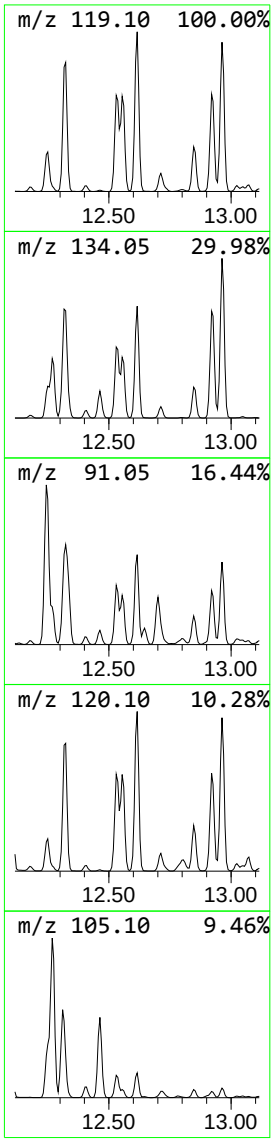
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.616	282.51 ug/l	4825240	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





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Data File : VX037631.D
Acq On : 09 Sep 2023 16:37
Operator : JC/MD
Sample : 04296-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NGTW3

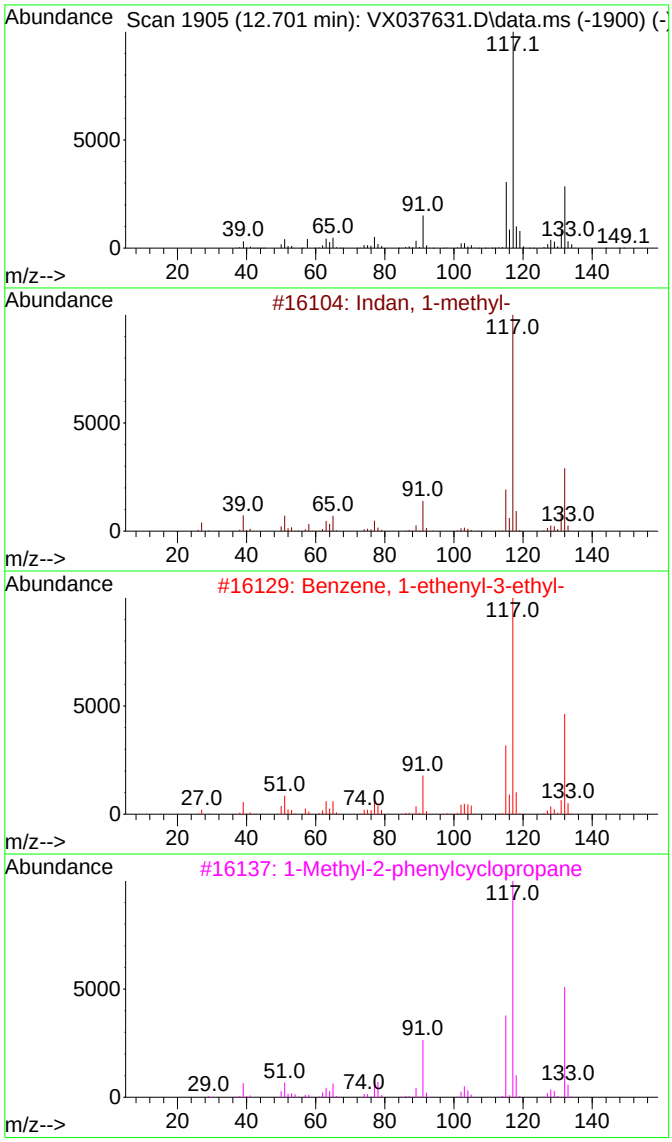
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
Quant Title : SW846 8260

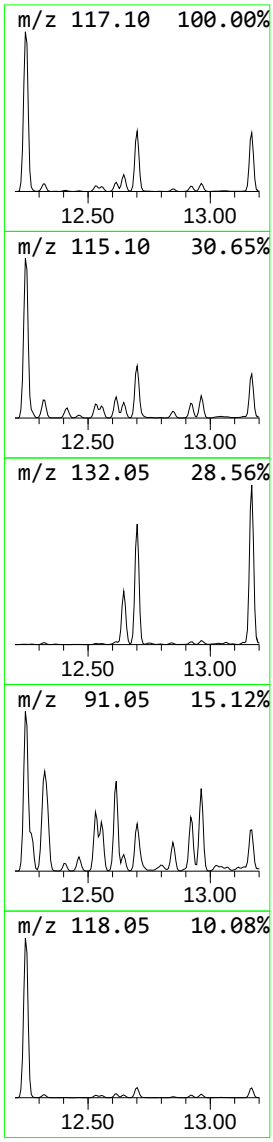
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Indan, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.701	214.92 ug/l	3670910	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87
4	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	83
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090923\
Data File : VX037631.D
Acq On : 09 Sep 2023 16:37
Operator : JC/MD
Sample : 04296-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NGTW3

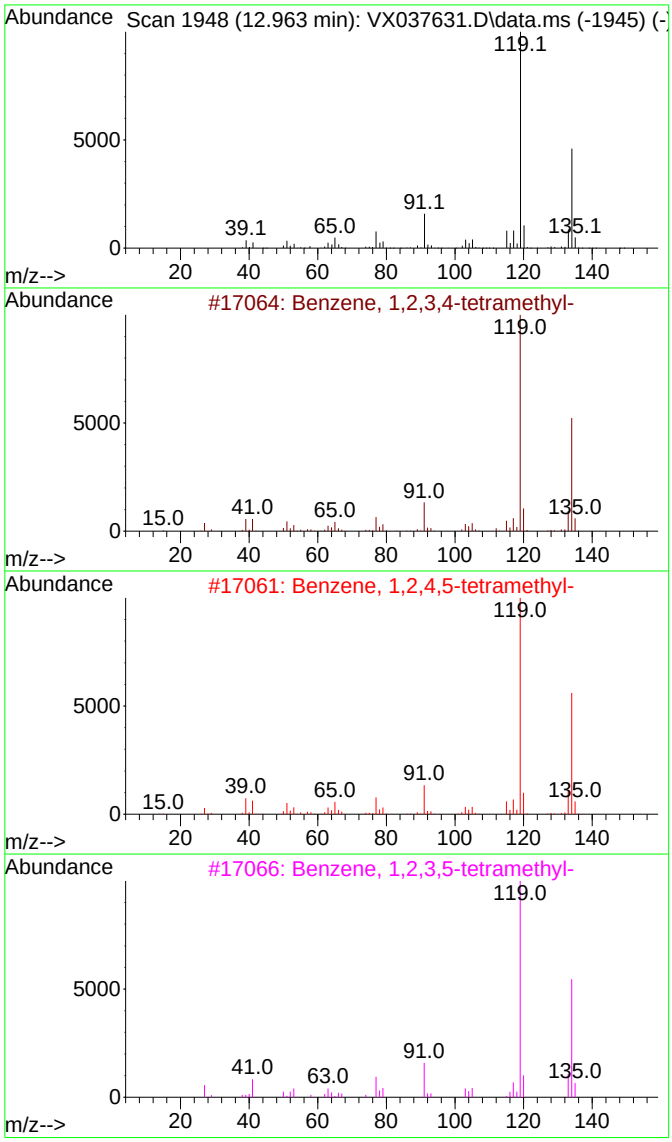
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
Quant Title : SW846 8260

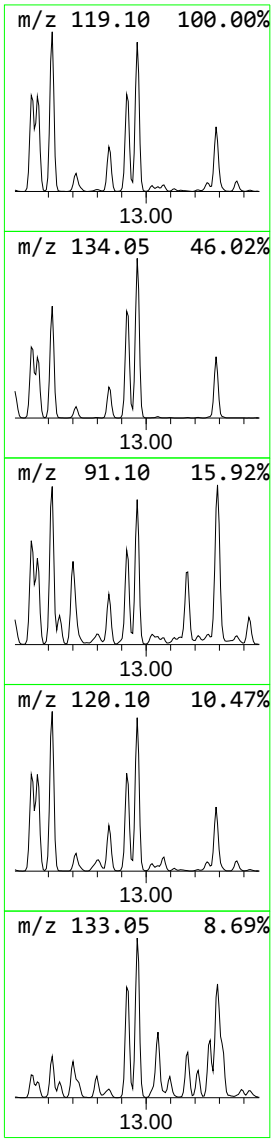
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.963	272.12 ug/l	4647820	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5	o-Cymene	134	C10H14	000527-84-4	95





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Data File : VX037631.D
Acq On : 09 Sep 2023 16:37
Operator : JC/MD
Sample : 04296-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NGTW3

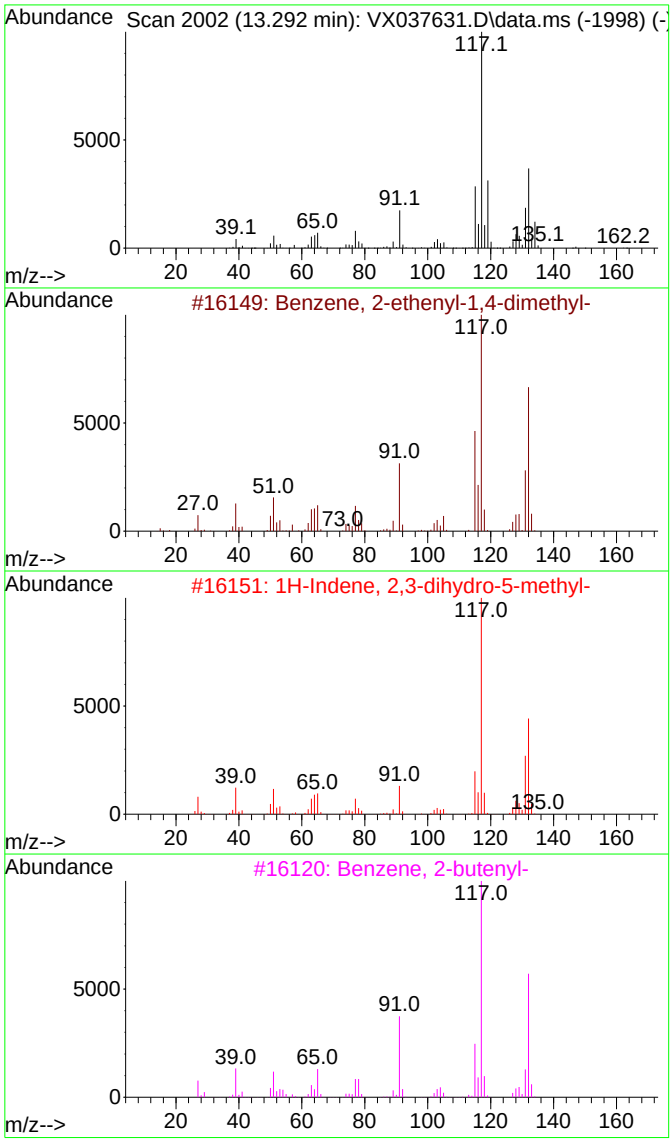
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
Quant Title : SW846 8260

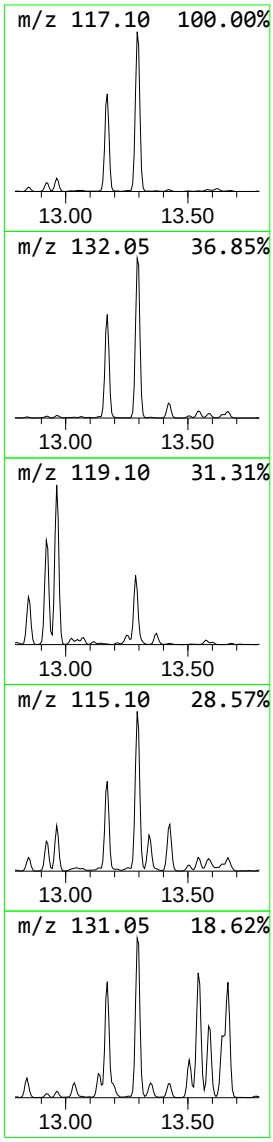
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	425.53 ug/l	7268100	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	89
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090923\
Data File : VX037631.D
Acq On : 09 Sep 2023 16:37
Operator : JC/MD
Sample : 04296-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NGTW3

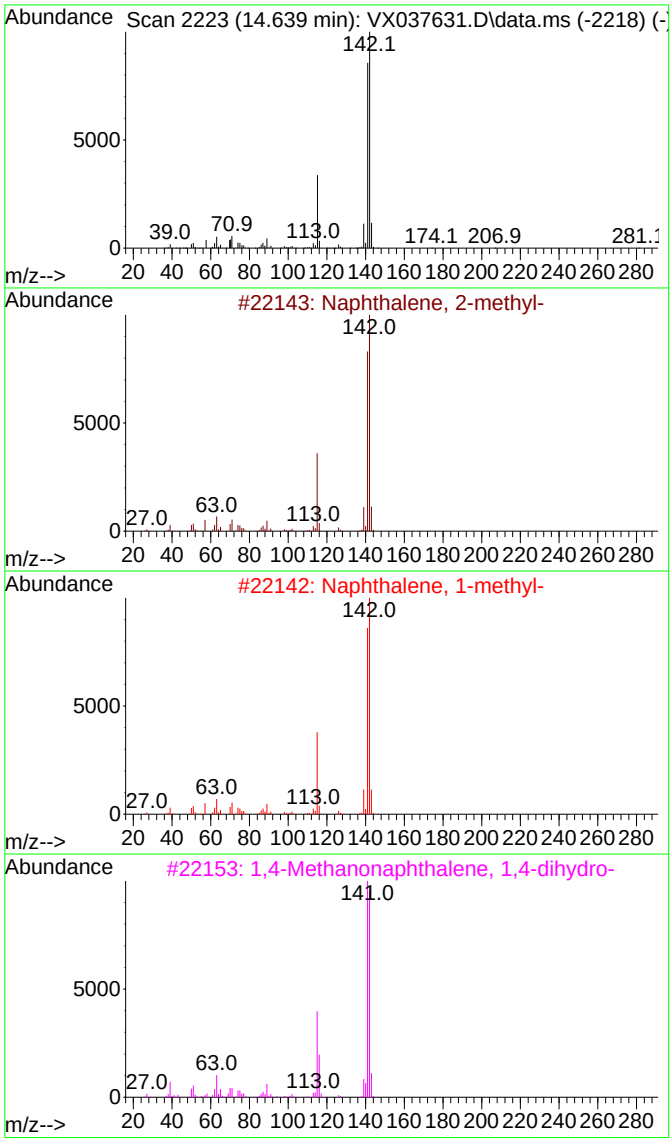
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
Quant Title : SW846 8260

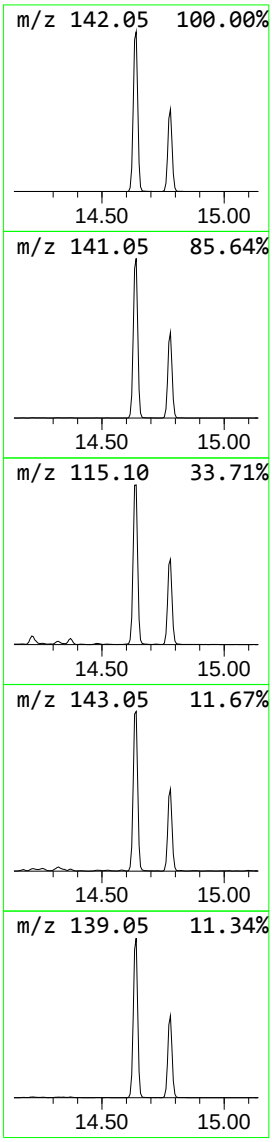
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.640	325.51 ug/l	5559840	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090923\
Data File : VX037631.D
Acq On : 09 Sep 2023 16:37
Operator : JC/MD
Sample : 04296-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NGTW3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.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...	11.384	1783.2	ug/l	30457000	4	12.024	854009	50.0
Benzene, 1-ethy...	11.616	654.5	ug/l	11179300	4	12.024	854009	50.0
Benzene, 1,2,3-...	12.091	836.5	ug/l	14287800	4	12.024	854009	50.0
Indane	12.244	777.8	ug/l	13284900	4	12.024	854009	50.0
o-Cymene	12.317	331.5	ug/l	5661360	4	12.024	854009	50.0
Benzene, 1-ethy...	12.616	282.5	ug/l	4825240	4	12.024	854009	50.0
Indan, 1-methyl-	12.701	214.9	ug/l	3670910	4	12.024	854009	50.0
Benzene, 1,2,3,...	12.963	272.1	ug/l	4647820	4	12.024	854009	50.0
Benzene, 2-ethe...	13.292	425.5	ug/l	7268100	4	12.024	854009	50.0
Naphthalene, 2-...	14.640	325.5	ug/l	5559840	4	12.024	854009	50.0