LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
Data File : VX032996.D
Acq On : 22 Nov 2022 22:13
Operator : JC/MD
Sample : N5741-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-27

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\82X112222W.M
Title : SW846 8260

Signal : TIC: VX032996.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.002	302	314	325	rBV2	76738	350980	12.98%	2.328%
2	3.111	325	332	349	rVB	338668	793991	29.37%	5.267%
3	3.758	428	438	448	rBV	15684	44117	1.63%	0.293%
4	5.385	695	705	716	rBV2	56669	166645	6.17%	1.105%
5	5.556	723	733	749	rVB	129676	365361	13.52%	2.424%
6	5.958	789	799	803	rBV	61091	147407	5.45%	0.978%
7	6.038	803	812	828	rVV	1024886	2703006	100.00%	17.930%
8	6.763	920	931	944	rBV	194104	463524	17.15%	3.075%
9	8.647	1234	1240	1247	rBV	260323	409455	15.15%	2.716%
10	8.720	1247	1252	1261	rVB	80310	122786	4.54%	0.814%
11	9.458	1364	1373	1387	rVB	34556	58113	2.15%	0.385%
12	9.945	1447	1453	1460	rBV	22799	33355	1.23%	0.221%
13	10.055	1465	1471	1484	rVB	409481	552179	20.43%	3.663%
14	10.195	1488	1494	1505	rBV	872744	1129272	41.78%	7.491%
15	10.305	1505	1512	1520	rVB	948294	1276092	47.21%	8.465%
16	10.640	1562	1567	1579	rVB	581246	732940	27.12%	4.862%
17	10.964	1614	1620	1625	rBV	56017	73166	2.71%	0.485%
18	11.079	1634	1639	1650	rBV	299000	376450	13.93%	2.497%
19	11.305	1671	1676	1683	rBV	110859	136560	5.05%	0.906%
20	11.378	1683	1688	1690	rVV	134822	181611	6.72%	1.205%
21	11.396	1690	1691	1696	rVV	145138	141395	5.23%	0.938%
22	11.451	1696	1700	1708	rVB	100242	122042	4.52%	0.810%
23	11.610	1721	1726	1735	rBV	246061	305916	11.32%	2.029%
24	11.750	1744	1749	1756	rVB	748674	907281	33.57%	6.018%
25	12.024	1788	1794	1799	rBV	433249	554712	20.52%	3.680%
26	12.085	1799	1804	1810	rVB	352329	432688	16.01%	2.870%
27	12.244	1822	1830	1838	rBV	483157	638693	23.63%	4.237%
28	12.317	1838	1842	1850	rVB4	27298	42912	1.59%	0.285%
29	12.408	1852	1857	1862	rBV2	29061	39686	1.47%	0.263%
30	12.530	1873	1877	1879	rBV	33719	41353	1.53%	0.274%
31	12.616	1886	1891	1894	rVV	64661	83290	3.08%	0.552%
32	12.701	1900	1905	1912	rVB2	76587	110047	4.07%	0.730%
33	12.847	1924	1929	1934	rVB2	26469	32955	1.22%	0.219%
34	12.921	1934	1941	1944	rBV	53074	68731	2.54%	0.456%
35	12.963	1944	1948	1954	rVB	71243	87061	3.22%	0.578%
36	13.170	1978	1982	1987	rVB	51128	60187	2.23%	0.399%

LSC Area Percent Report

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Operator : JC/MD
Sample : N5741-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-27

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\82X112222W.M
Title : SW846 8260

37	13.292	1997	2002	2007	rVB2	164903	221297	8.19%	1.468%
38	13.420	2019	2023	2032	rVB	51142	70631	2.61%	0.469%
39	13.664	2060	2063	2071	rVB3	16305	30167	1.12%	0.200%
40	13.774	2076	2081	2088	rVB	359141	442564	16.37%	2.936%
41	14.219	2146	2154	2163	rVB4	17374	41109	1.52%	0.273%
42	14.481	2192	2197	2207	rBV6	16239	34134	1.26%	0.226%
43	14.634	2214	2222	2227	rBV	78780	114428	4.23%	0.759%
44	14.780	2241	2246	2254	rBV	139557	182742	6.76%	1.212%
45	15.481	2354	2361	2366	rBV	29172	48484	1.79%	0.322%
46	15.615	2374	2383	2386	rBV	45267	69227	2.56%	0.459%
47	15.841	2407	2420	2431	rVB2	11840	34461	1.27%	0.229%

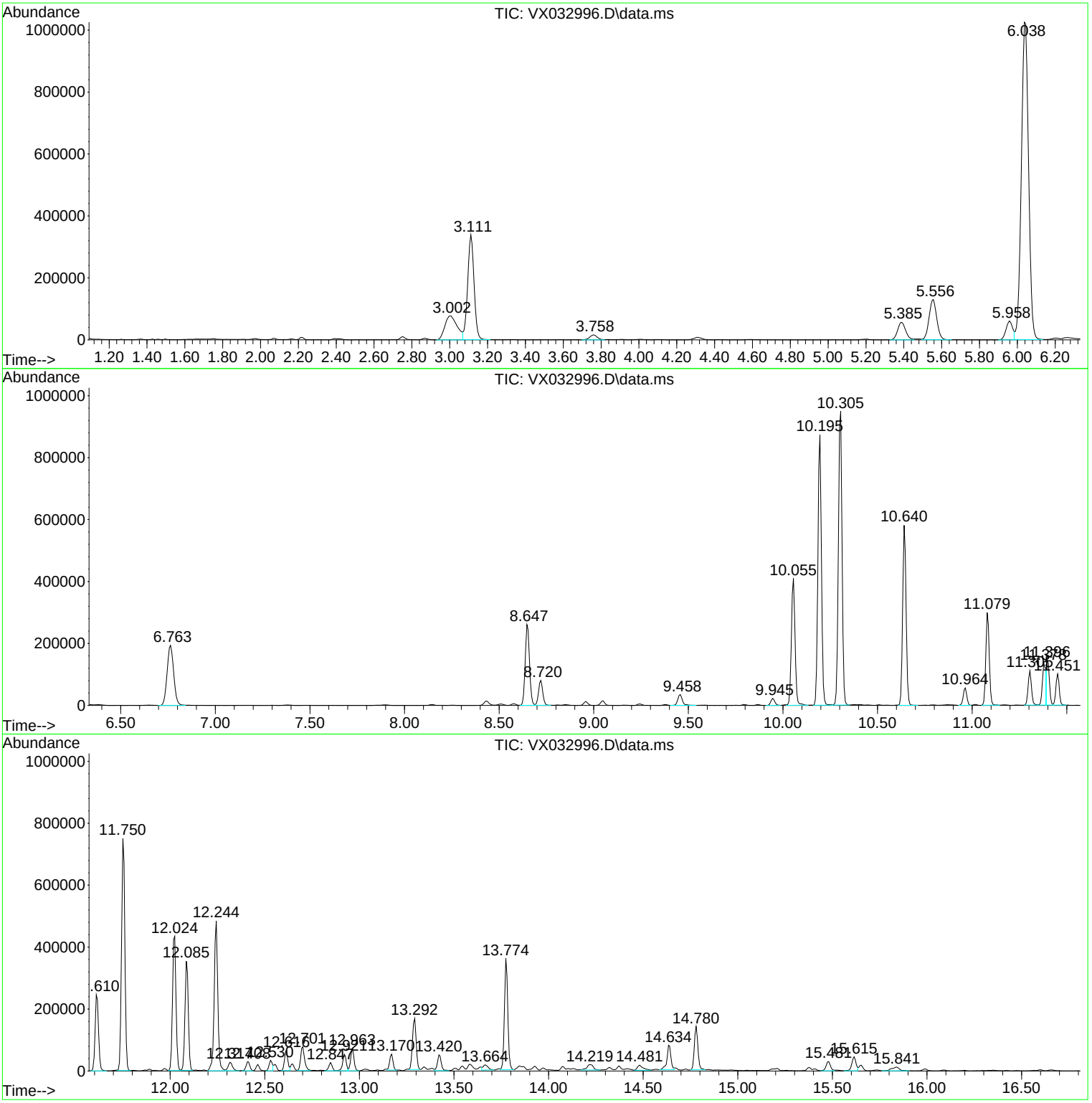
Sum of corrected areas: 15075203

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
Data File : VX032996.D
Acq On : 22 Nov 2022 22:13
Operator : JC/MD
Sample : N5741-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-27

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
Data File : VX032996.D
Acq On : 22 Nov 2022 22:13
Operator : JC/MD
Sample : N5741-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-27

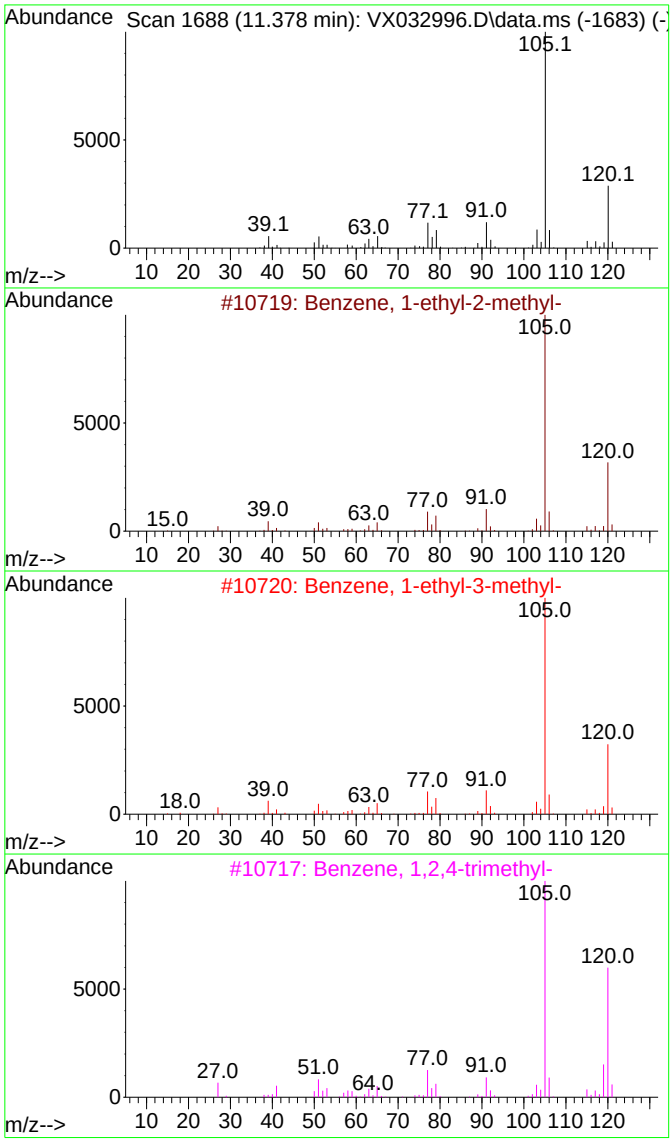
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

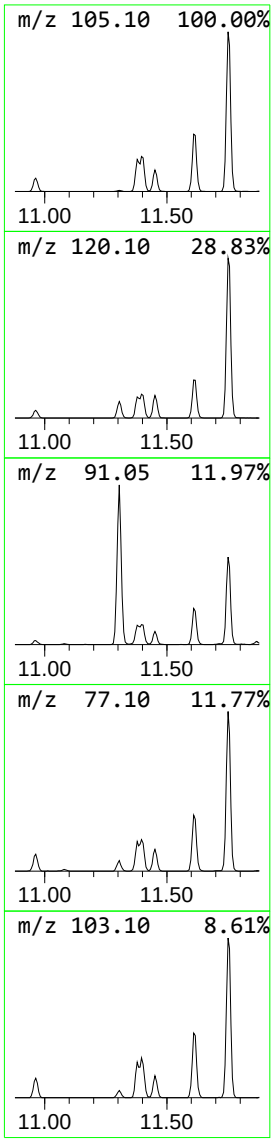
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.378	16.37 ug/l	181611	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	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	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_X\Data\VX112222\
Data File : VX032996.D
Acq On : 22 Nov 2022 22:13
Operator : JC/MD
Sample : N5741-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-27

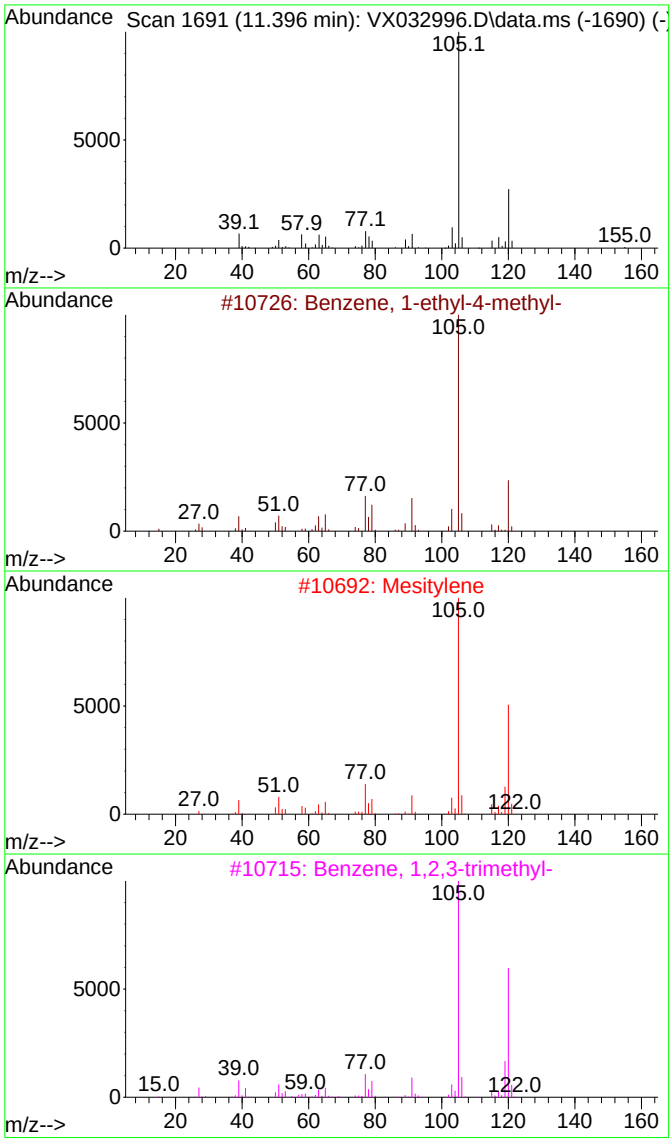
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

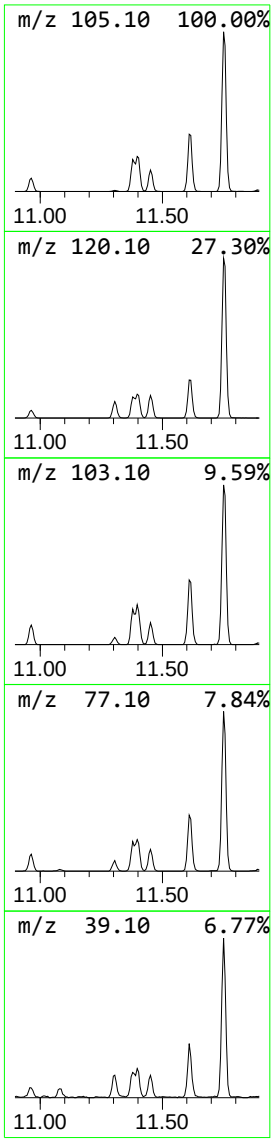
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.396	12.74 ug/l	141395	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	64
2	Mesitylene	120	C9H12	000108-67-8	58
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	53
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	52
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
Data File : VX032996.D
Acq On : 22 Nov 2022 22:13
Operator : JC/MD
Sample : N5741-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-27

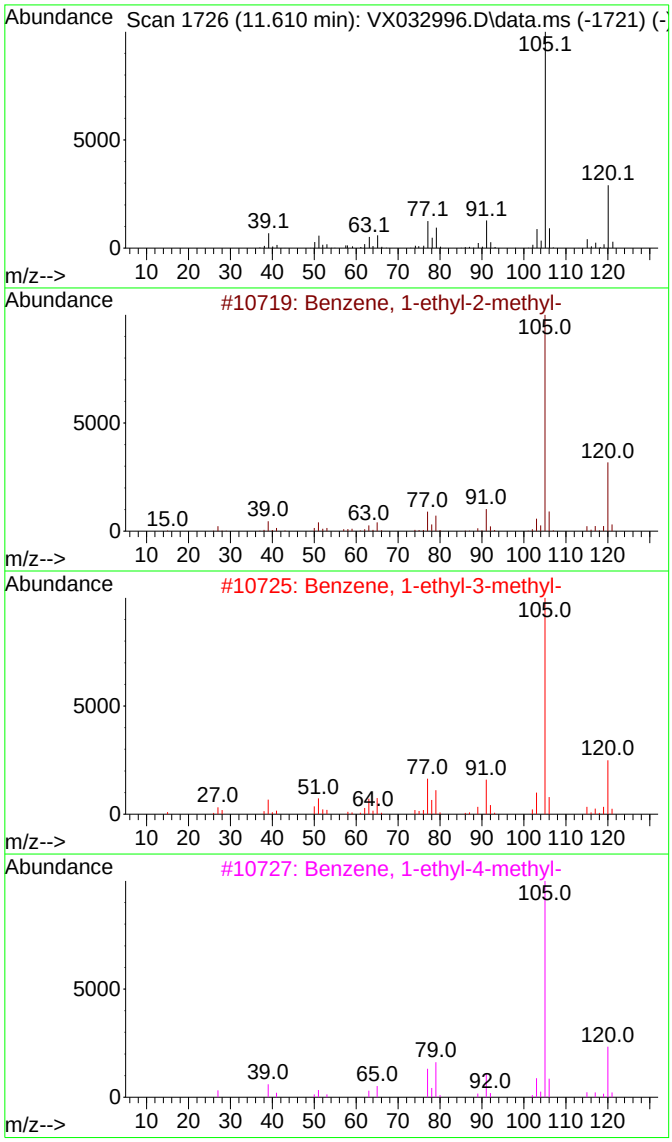
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

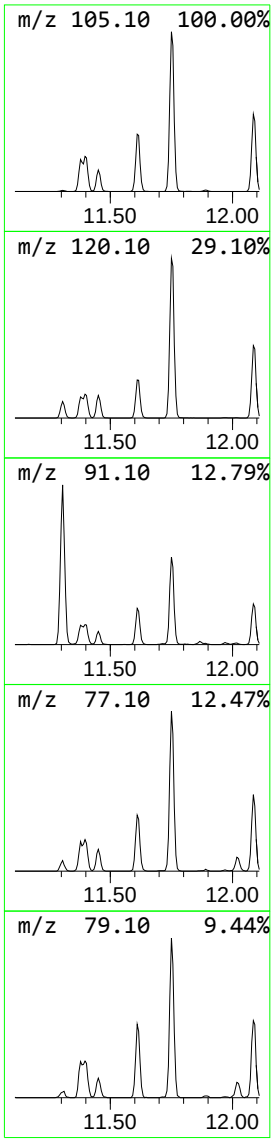
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	27.57 ug/l	305916	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-ethyl-3-methyl-	120	C9H12	000620-14-4	93
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
Data File : VX032996.D
Acq On : 22 Nov 2022 22:13
Operator : JC/MD
Sample : N5741-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-27

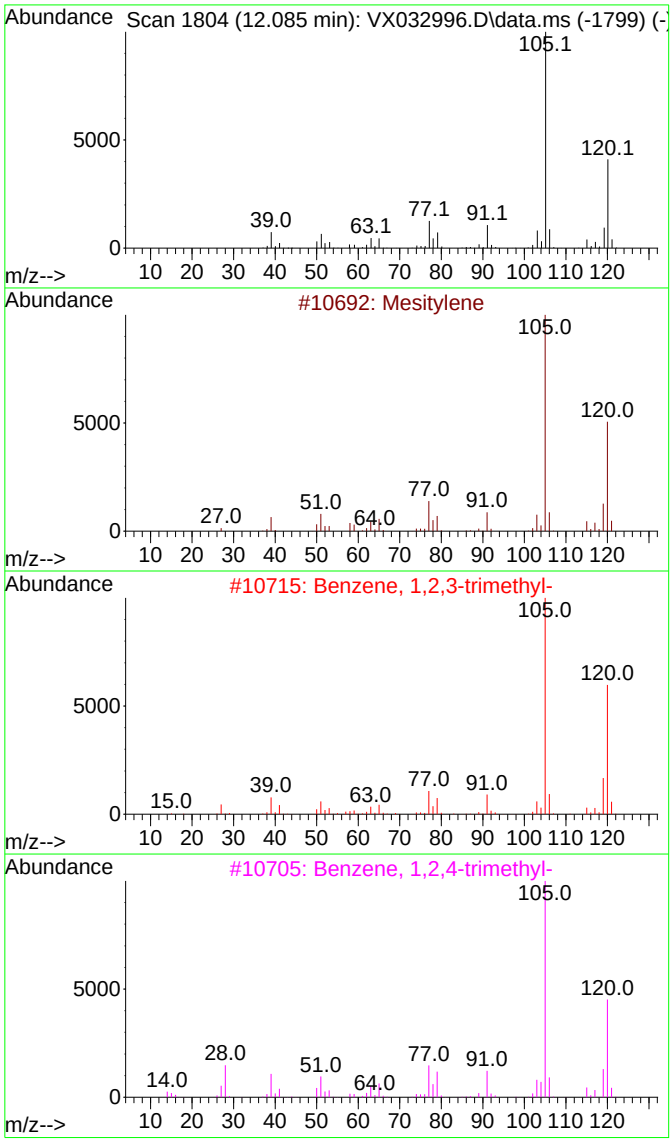
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

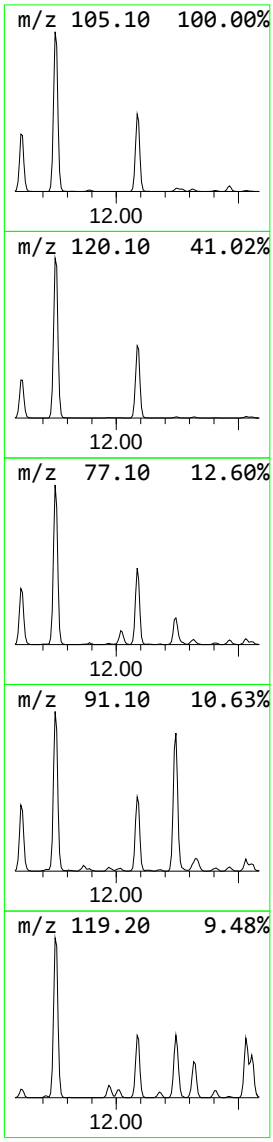
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.085	39.00 ug/l	432688	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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
Data File : VX032996.D
Acq On : 22 Nov 2022 22:13
Operator : JC/MD
Sample : N5741-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-27

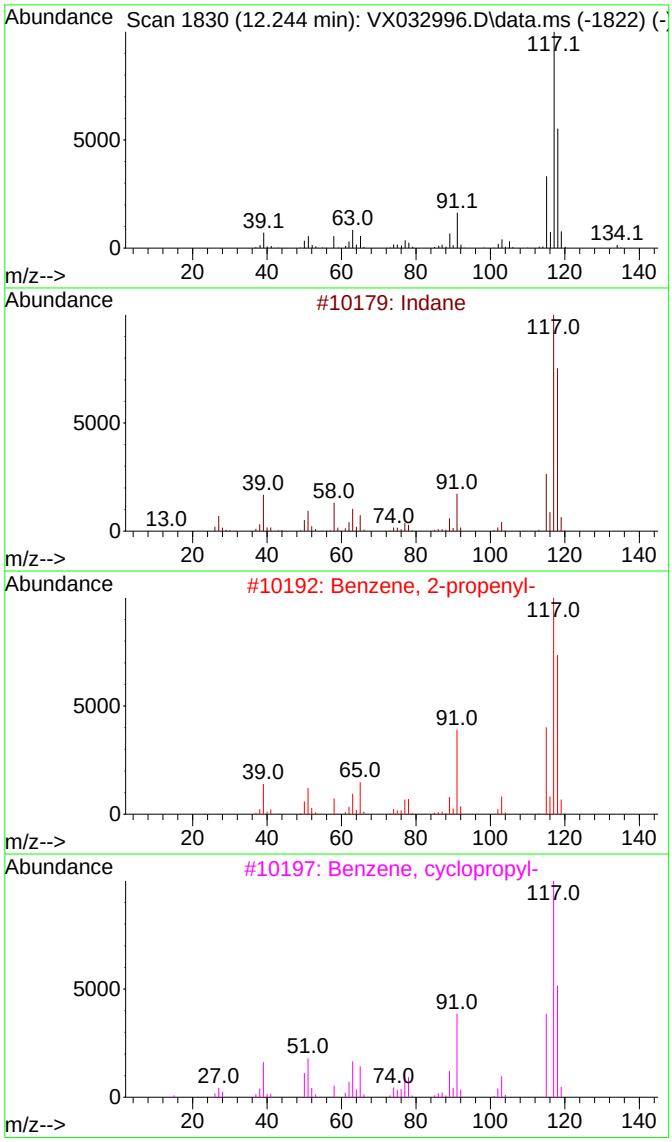
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

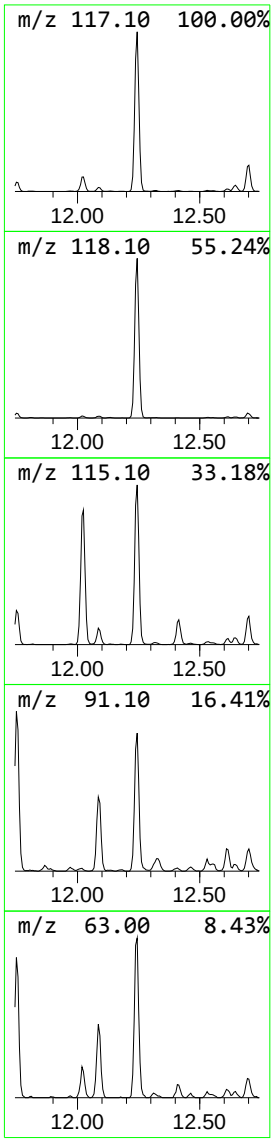
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	57.57 ug/l	638693	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	72
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
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ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-27

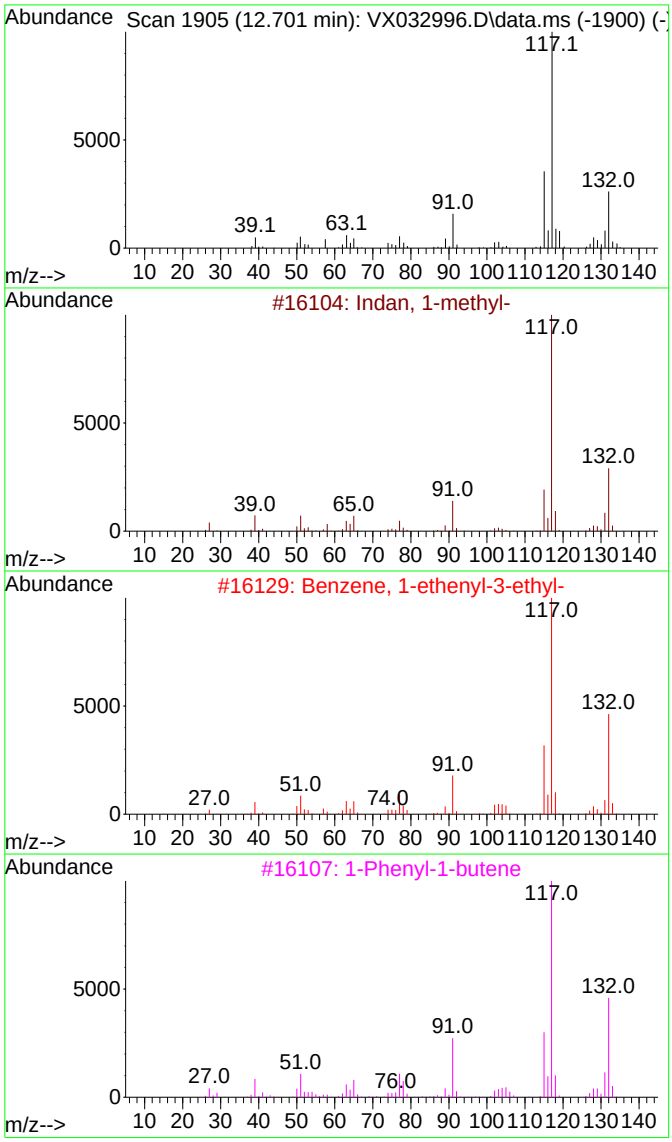
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

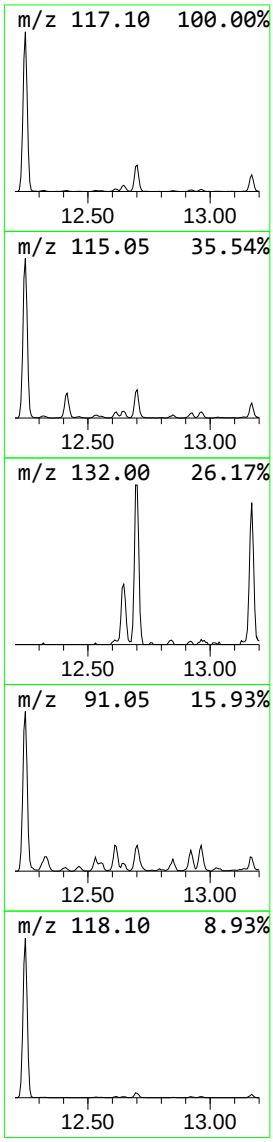
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Indan, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.701	9.92 ug/l	110047	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	87
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	86
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	83
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	80
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	74





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Data File : VX032996.D
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ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-27

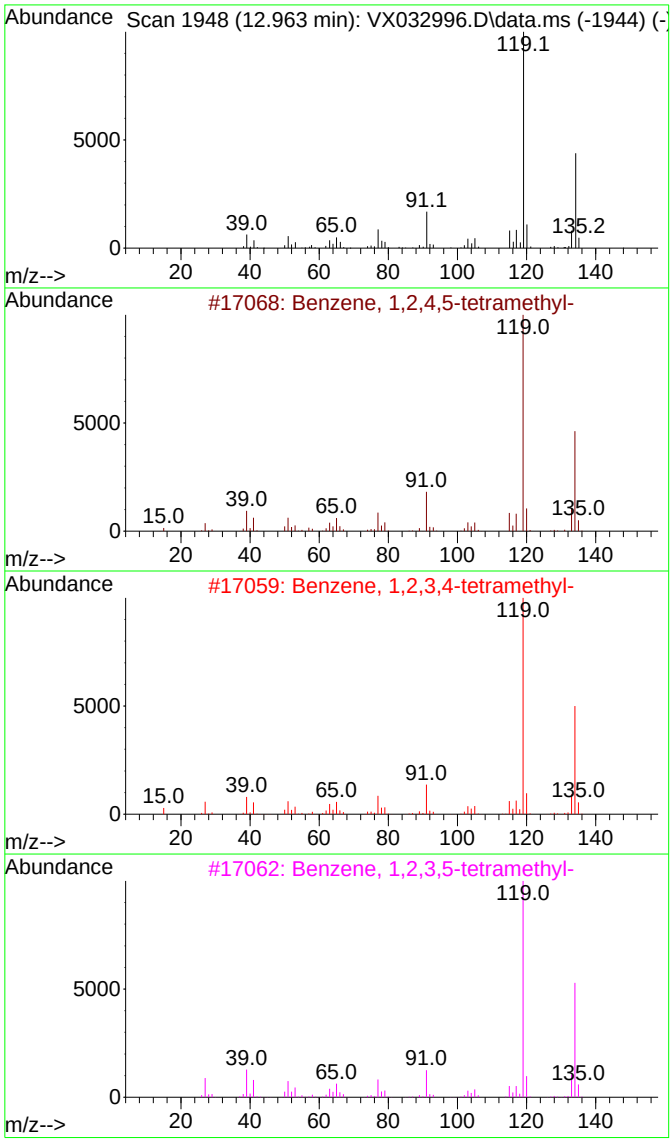
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

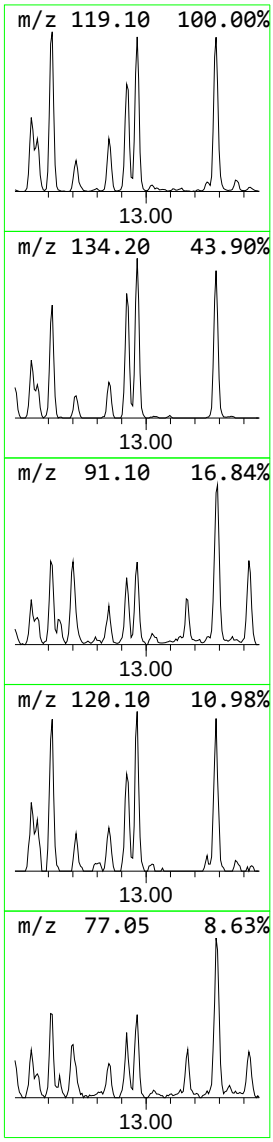
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.963	7.85 ug/l	87061	1,4-Dichlorobenzene-d4	12.024

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	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
Data File : VX032996.D
Acq On : 22 Nov 2022 22:13
Operator : JC/MD
Sample : N5741-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-27

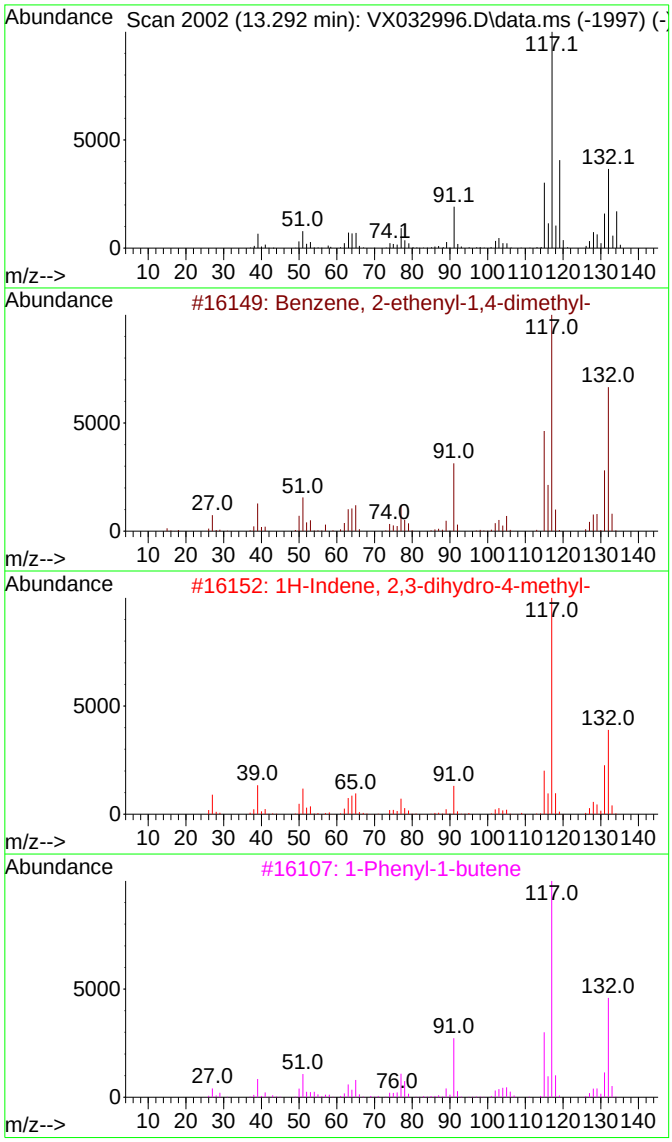
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

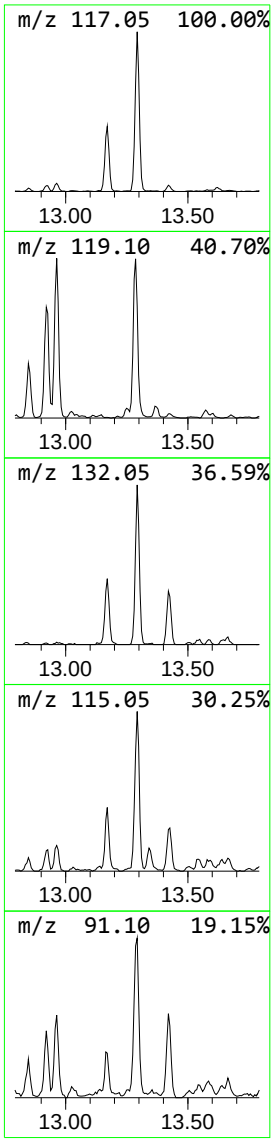
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	19.95 ug/l	221297	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-4-methyl-	132	C10H12	000824-22-6	92
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	76
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	76
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
Data File : VX032996.D
Acq On : 22 Nov 2022 22:13
Operator : JC/MD
Sample : N5741-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-27

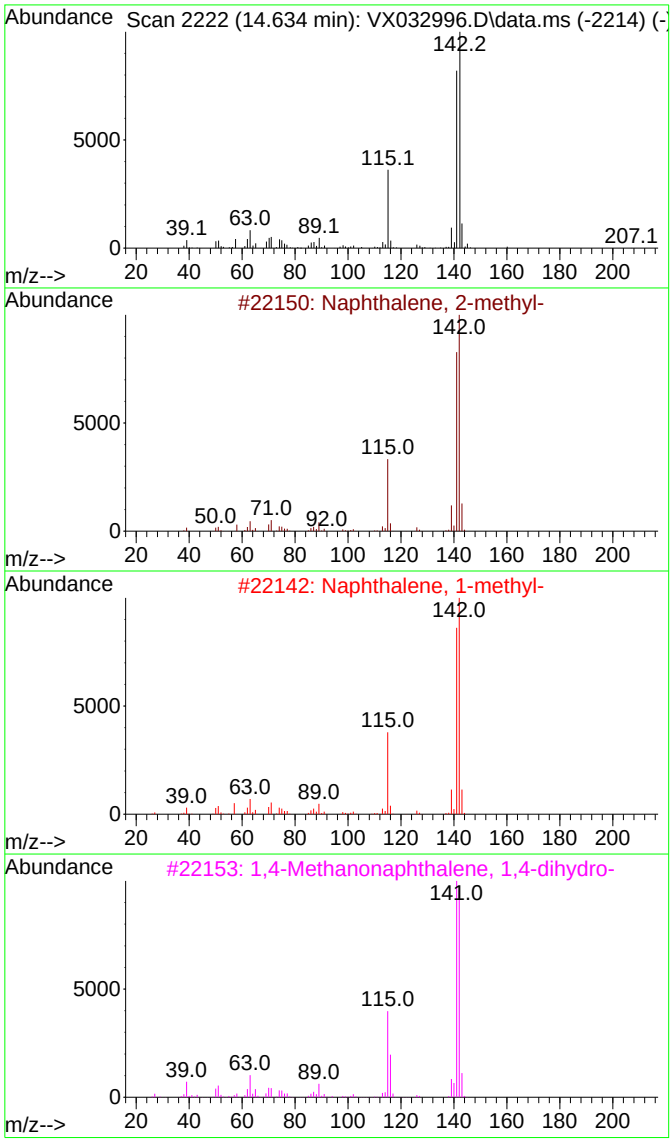
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

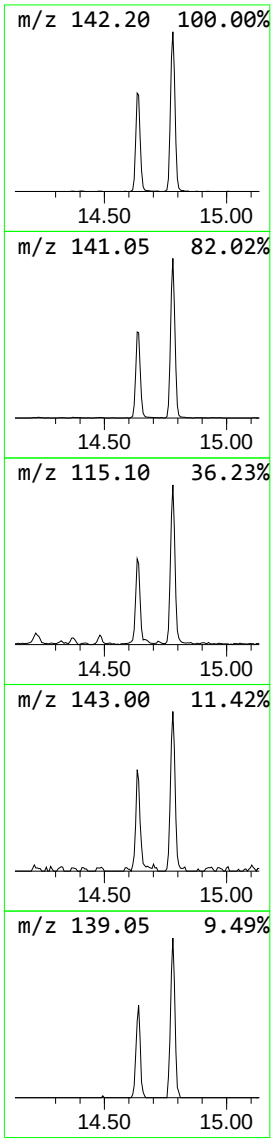
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1,4-Methanonaphthalene, 1,4... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.634	10.31 ug/l	114428	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	3,4-Difluorobenzaldehyde	142	C7H4F2O	034036-07-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
Data File : VX032996.D
Acq On : 22 Nov 2022 22:13
Operator : JC/MD
Sample : N5741-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-27

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

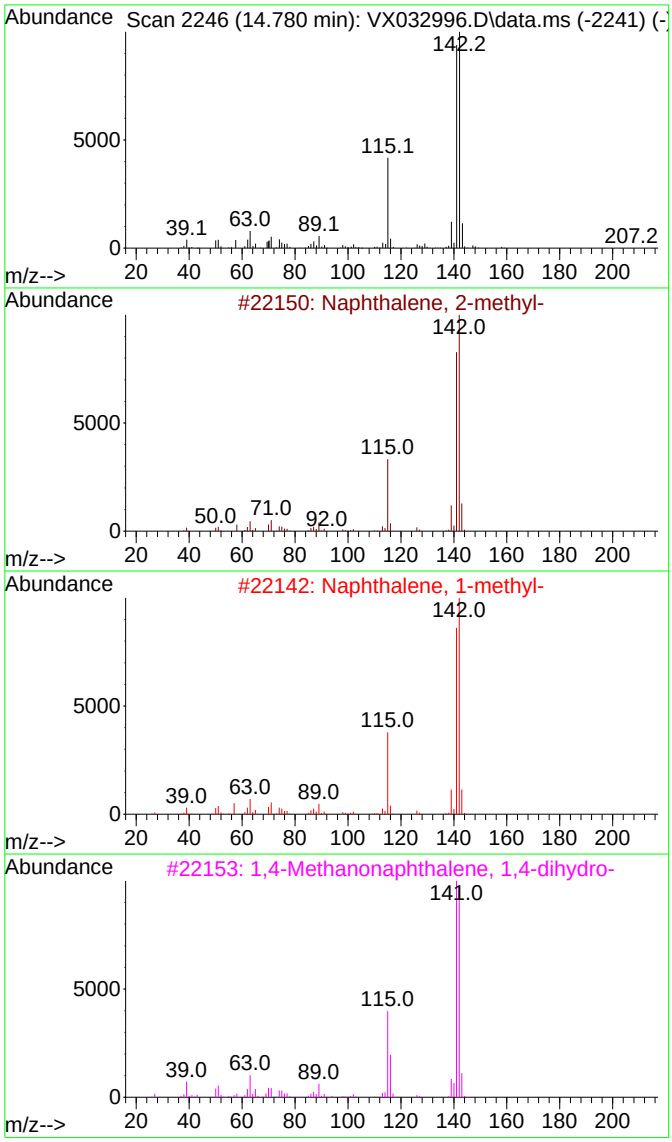
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

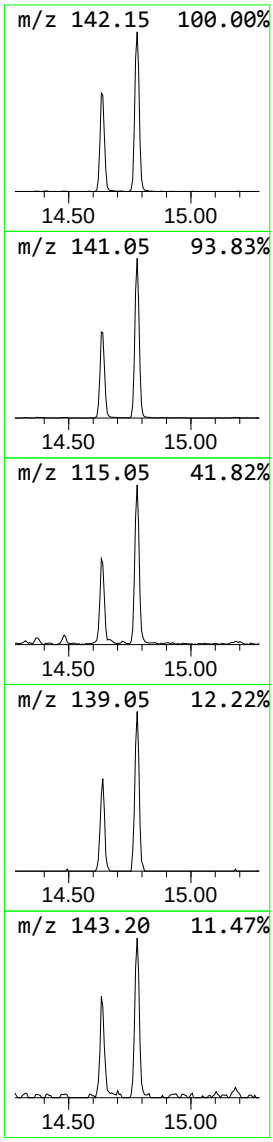
****

Peak Number 10 Benzocycloheptatriene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.780	16.47 ug/l	182742	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	94
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	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
Data File : VX032996.D
Acq On : 22 Nov 2022 22:13
Operator : JC/MD
Sample : N5741-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-27

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.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...	11.378	16.4	ug/l	181611	4	12.024	554712	50.0
Benzene, 1-ethy...	11.396	12.7	ug/l	141395	4	12.024	554712	50.0
Benzene, 1-ethy...	11.610	27.6	ug/l	305916	4	12.024	554712	50.0
Benzene, 1,2,3-...	12.085	39.0	ug/l	432688	4	12.024	554712	50.0
Indane	12.244	57.6	ug/l	638693	4	12.024	554712	50.0
Indan, 1-methyl-	12.701	9.9	ug/l	110047	4	12.024	554712	50.0
Benzene, 1,2,4,...	12.963	7.8	ug/l	87061	4	12.024	554712	50.0
Benzene, 2-ethe...	13.292	19.9	ug/l	221297	4	12.024	554712	50.0
1,4-Methanonaph...	14.634	10.3	ug/l	114428	4	12.024	554712	50.0
Benzocyclohepta...	14.780	16.5	ug/l	182742	4	12.024	554712	50.0