LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
Data File : VX033029.D
Acq On : 23 Nov 2022 18:53
Operator : JC/MD
Sample : N5741-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-25

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: VX033029.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.264	26	29	41	rBV2	48430	94106	1.02%	0.144%
2	1.374	42	47	52	rVB	111846	133272	1.45%	0.205%
3	1.752	104	109	118	rVB	193224	257986	2.80%	0.396%
4	1.959	138	143	155	rVB3	92634	169525	1.84%	0.260%
5	2.069	155	161	168	rVV	108291	159889	1.73%	0.245%
6	2.166	172	177	181	rVV	68832	102945	1.12%	0.158%
7	2.215	181	185	200	rVB	142462	219592	2.38%	0.337%
8	2.751	260	273	281	rBV	71830	152579	1.66%	0.234%
9	2.867	281	292	305	rVB	92868	225283	2.44%	0.346%
10	3.111	323	332	346	rVB	473285	1083940	11.76%	1.664%
11	4.306	517	528	540	rBV	62478	176933	1.92%	0.272%
12	5.391	695	706	712	rBV2	42519	125586	1.36%	0.193%
13	5.471	712	719	725	rVV	44932	137850	1.50%	0.212%
14	5.556	725	733	746	rVB	124059	354205	3.84%	0.544%
15	6.037	804	812	827	rVB	460472	1221658	13.25%	1.875%
16	6.763	921	931	942	rBV	189701	456900	4.96%	0.701%
17	8.653	1235	1241	1245	rBV	131613	211321	2.29%	0.324%
18	8.720	1245	1252	1265	rVB	3972043	5842210	63.37%	8.968%
19	8.958	1282	1291	1297	rBV	98645	151214	1.64%	0.232%
20	9.049	1297	1306	1312	rVB2	91897	152049	1.65%	0.233%
21	10.055	1465	1471	1482	rBV	409709	548100	5.95%	0.841%
22	10.195	1488	1494	1505	rBV	4879737	6157873	66.80%	9.453%
23	10.305	1505	1512	1520	rVB	7149862	9218976	100.00%	14.152%
24	10.646	1562	1568	1578	rVB	6229975	8034217	87.15%	12.333%
25	10.963	1614	1620	1626	rBV	191249	232173	2.52%	0.356%
26	11.079	1634	1639	1650	rBV	331788	423387	4.59%	0.650%
27	11.305	1671	1676	1682	rBV	437584	510892	5.54%	0.784%
28	11.378	1682	1688	1690	rBV	857982	1125448	12.21%	1.728%
29	11.451	1696	1700	1707	rVB	587353	687108	7.45%	1.055%
30	11.610	1721	1726	1737	rBV	1211587	1538164	16.68%	2.361%
31	11.756	1744	1750	1755	rBV	4113851	5106339	55.39%	7.839%
32	12.024	1789	1794	1799	rVB	495999	624538	6.77%	0.959%
33	12.085	1799	1804	1809	rBV	1567950	2003901	21.74%	3.076%
34	12.244	1824	1830	1838	rBV	2878206	3486618	37.82%	5.352%
35	12.317	1838	1842	1852	rVB3	189693	279026	3.03%	0.428%
36	12.414	1852	1858	1862	rBV	261192	349376	3.79%	0.536%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
Data File : VX033029.D
Acq On : 23 Nov 2022 18:53
Operator : JC/MD
Sample : N5741-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-25

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	12.463	1862	1866	1872	rVB	87768	105056	1.14%	0.161%
38	12.530	1872	1877	1879	rBV	229119	275396	2.99%	0.423%
39	12.555	1879	1881	1886	rVB	168939	179991	1.95%	0.276%
40	12.609	1886	1890	1894	rBV	439112	567807	6.16%	0.872%
41	12.646	1894	1896	1900	rVB	143658	142571	1.55%	0.219%
42	12.701	1900	1905	1912	rBV2	467377	640583	6.95%	0.983%
43	12.847	1924	1929	1934	rVB	122472	151207	1.64%	0.232%
44	12.920	1934	1941	1944	rBV	362055	426511	4.63%	0.655%
45	12.963	1944	1948	1954	rVB	452861	520483	5.65%	0.799%
46	13.170	1978	1982	1987	rVB	499610	588063	6.38%	0.903%
47	13.292	1997	2002	2007	rVB2	1241532	1606017	17.42%	2.465%
48	13.341	2007	2010	2014	rBV2	100057	111373	1.21%	0.171%
49	13.420	2019	2023	2031	rVB	297106	399001	4.33%	0.613%
50	13.542	2040	2043	2046	rBV	97974	116577	1.26%	0.179%
51	13.585	2046	2050	2055	rVB2	96614	151632	1.64%	0.233%
52	13.664	2060	2063	2070	rVB2	121221	184276	2.00%	0.283%
53	13.774	2074	2081	2090	rBV	3734135	4662761	50.58%	7.158%
54	13.865	2090	2096	2101	rBV	207722	275318	2.99%	0.423%
55	14.073	2125	2130	2138	rBV	99537	138727	1.50%	0.213%
56	14.219	2149	2154	2159	rBV2	97587	183827	1.99%	0.282%
57	14.371	2176	2179	2184	rVB2	77383	97514	1.06%	0.150%
58	14.634	2219	2222	2233	rVB	245724	344974	3.74%	0.530%
59	14.780	2241	2246	2261	rVB	977143	1257175	13.64%	1.930%
60	15.475	2355	2360	2373	rVB	54805	94574	1.03%	0.145%
61	15.615	2373	2383	2386	rVV	103752	165053	1.79%	0.253%

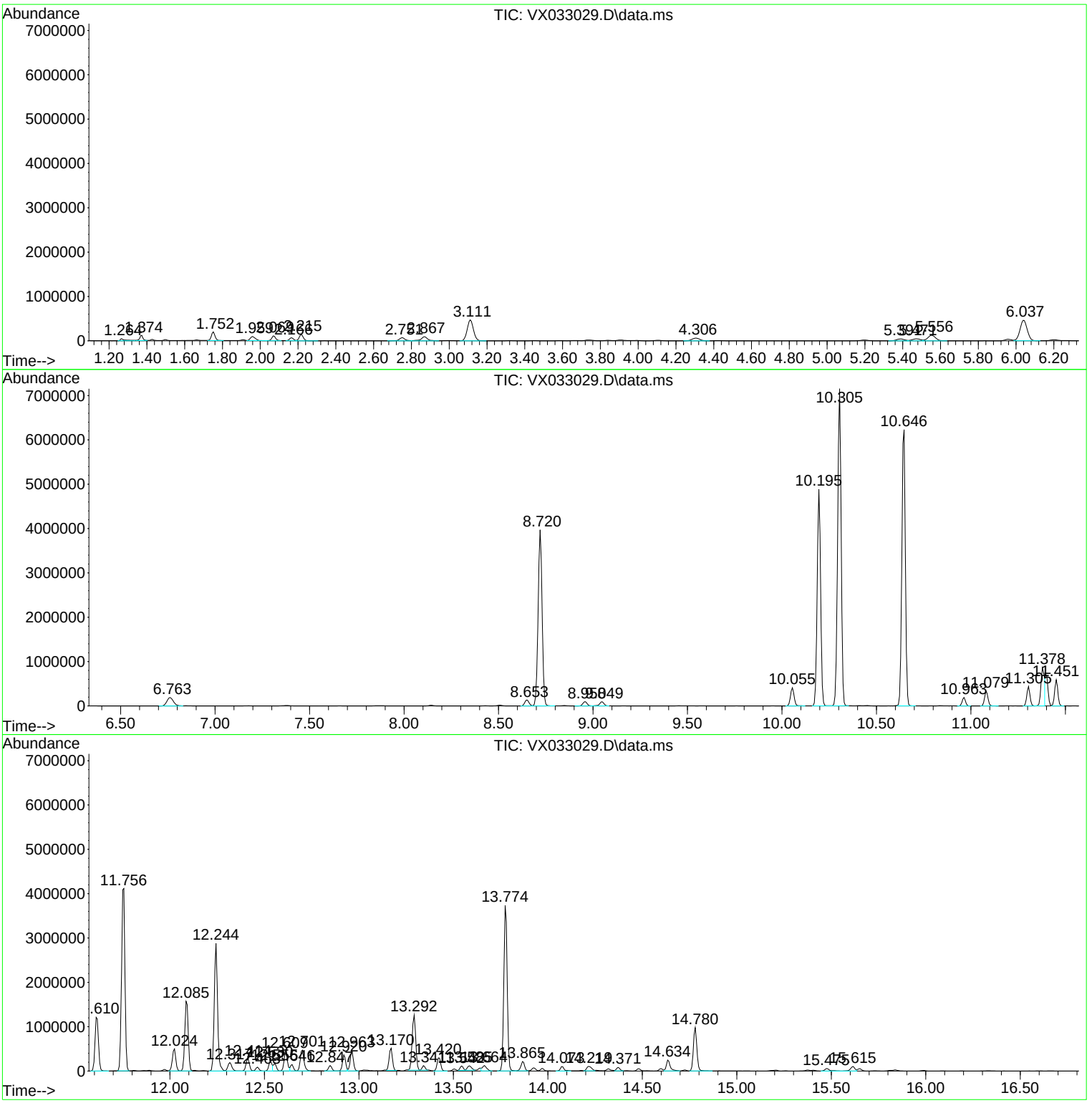
Sum of corrected areas: 65141646

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
Data File : VX033029.D
Acq On : 23 Nov 2022 18:53
Operator : JC/MD
Sample : N5741-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-25

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\VX112322\
Data File : VX033029.D
Acq On : 23 Nov 2022 18:53
Operator : JC/MD
Sample : N5741-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-25

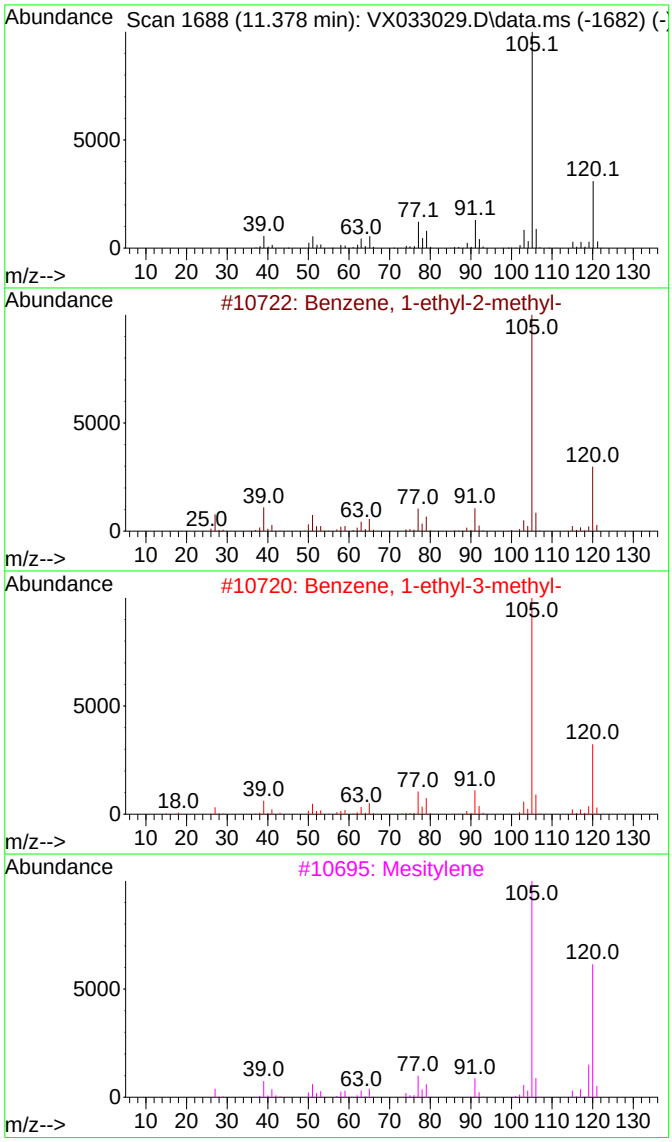
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

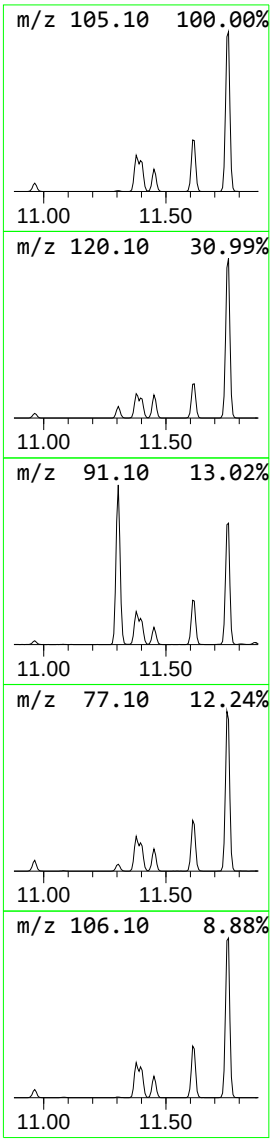
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.378	90.10 ug/l	1125450	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	Mesitylene	120	C9H12	000108-67-8	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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
Data File : VX033029.D
Acq On : 23 Nov 2022 18:53
Operator : JC/MD
Sample : N5741-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-25

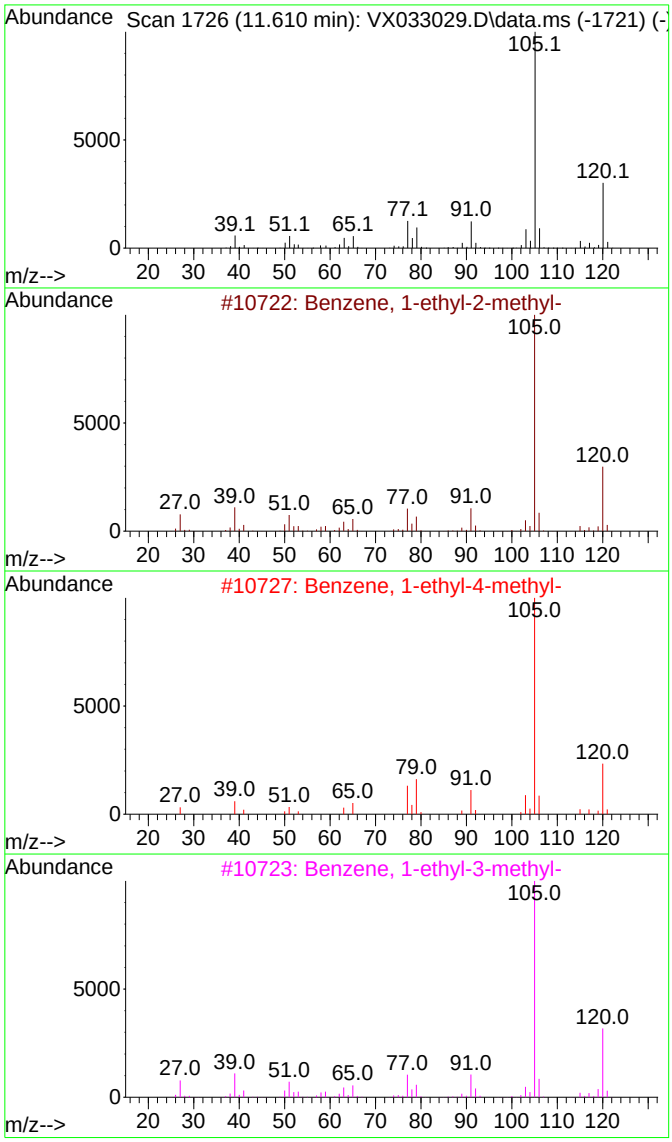
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

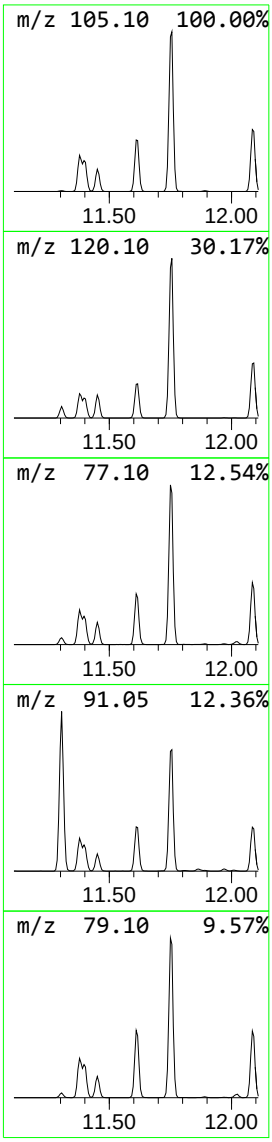
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	123.14 ug/l	1538160	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-4-methyl-	120	C9H12	000622-96-8	93
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_X\Data\VX112322\
Data File : VX033029.D
Acq On : 23 Nov 2022 18:53
Operator : JC/MD
Sample : N5741-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-25

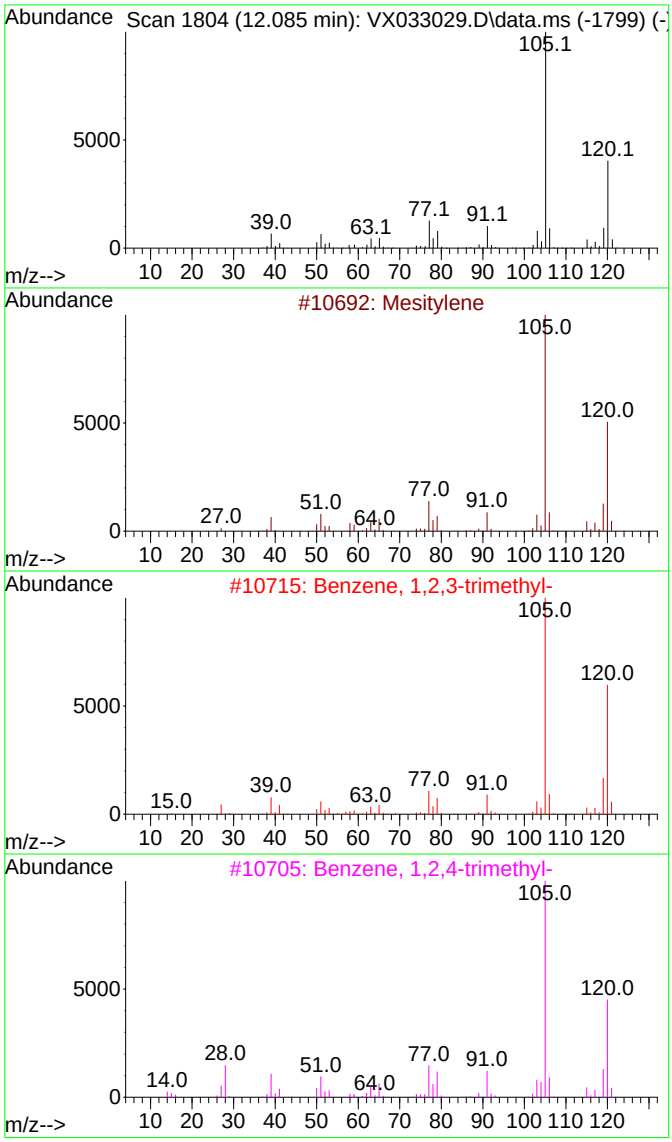
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

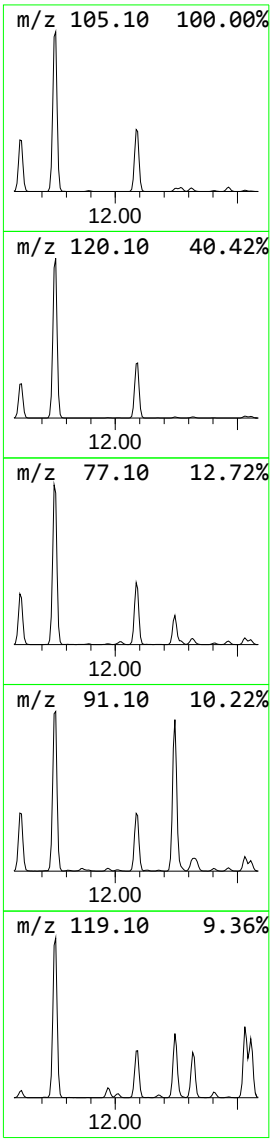
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.085	160.43 ug/l	2003900	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-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
Data File : VX033029.D
Acq On : 23 Nov 2022 18:53
Operator : JC/MD
Sample : N5741-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-25

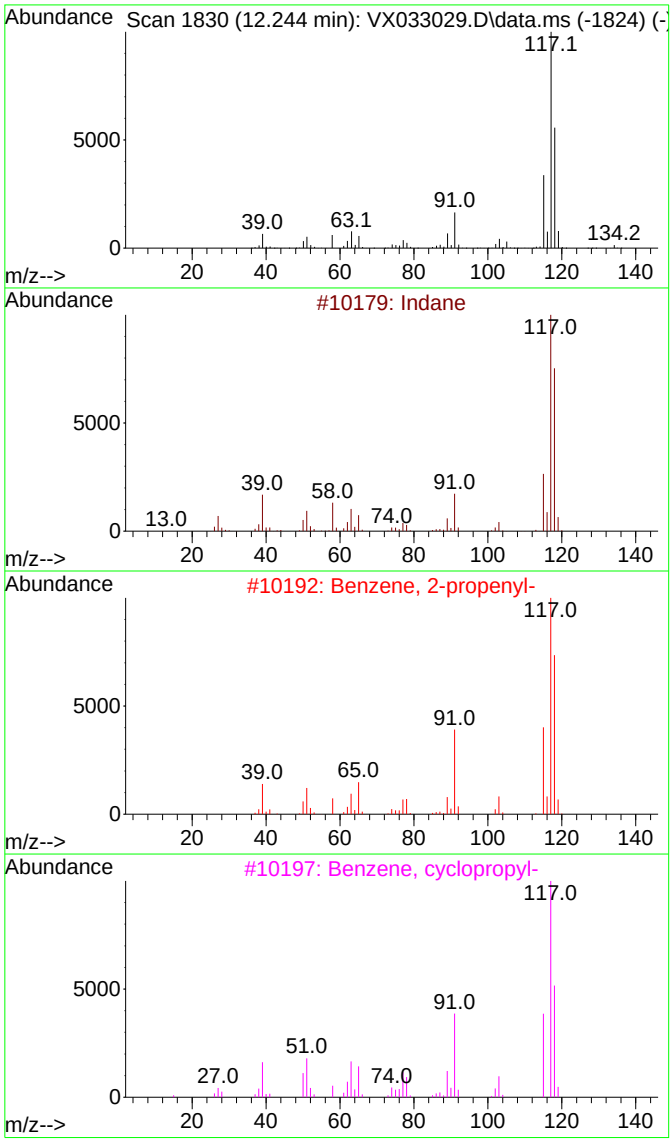
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

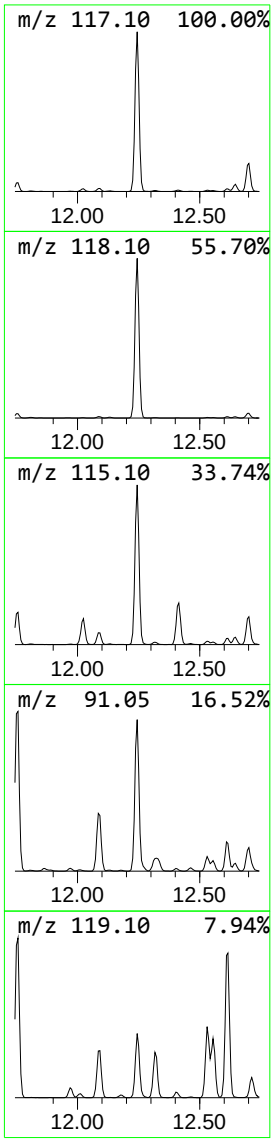
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	279.14 ug/l	3486620	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	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
Data File : VX033029.D
Acq On : 23 Nov 2022 18:53
Operator : JC/MD
Sample : N5741-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-25

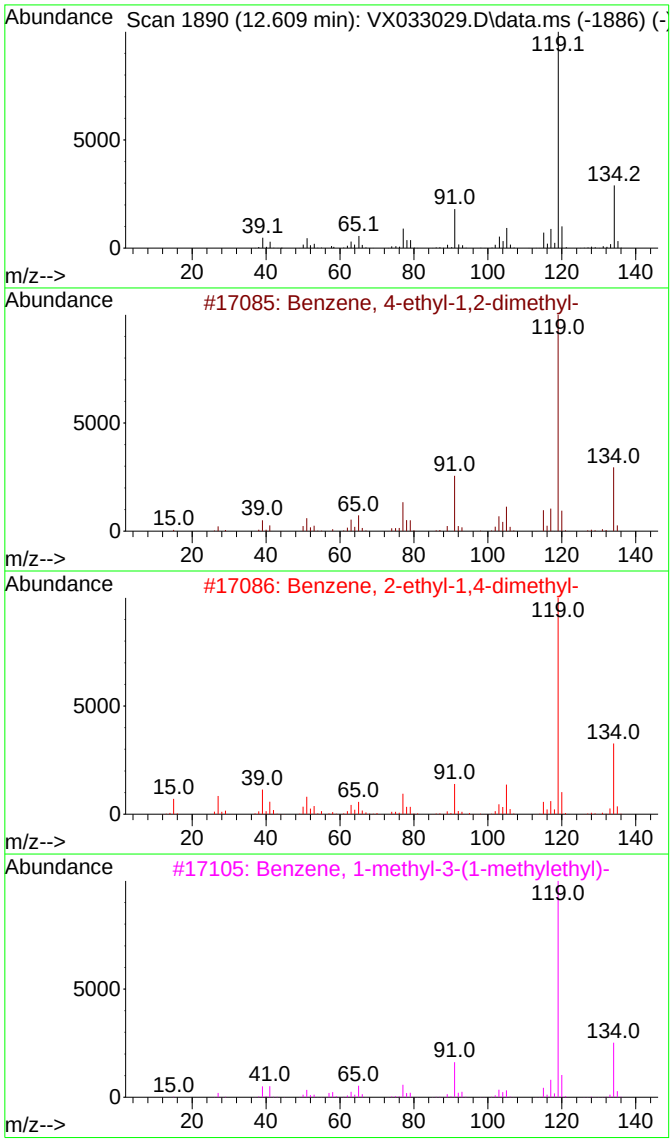
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

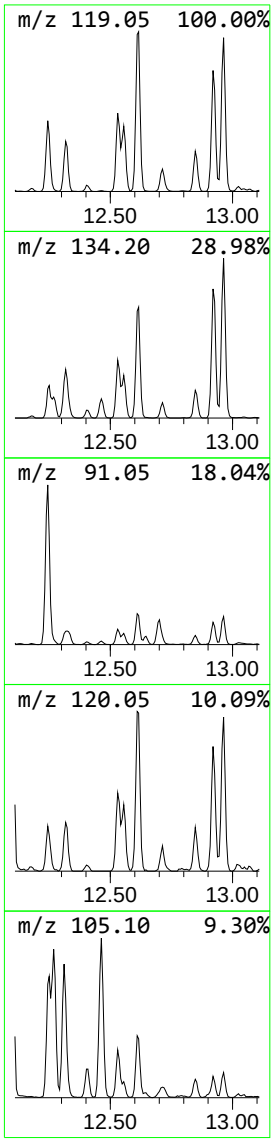
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.610	45.46 ug/l	567807	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	p-Cymene	134	C10H14	000099-87-6	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
Data File : VX033029.D
Acq On : 23 Nov 2022 18:53
Operator : JC/MD
Sample : N5741-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-25

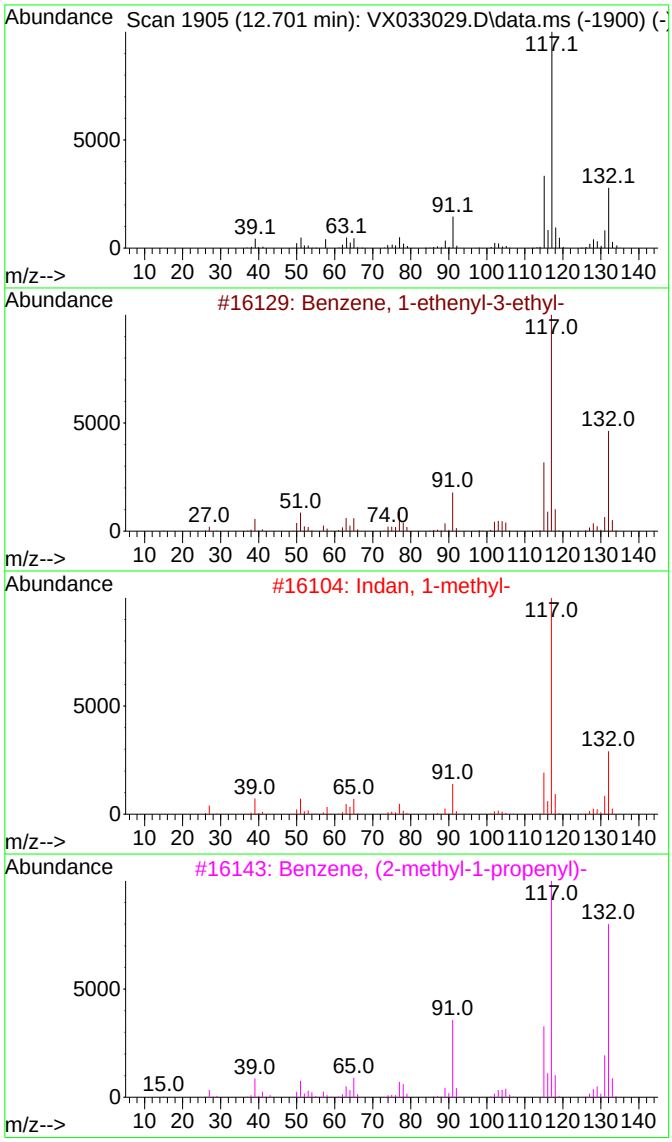
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

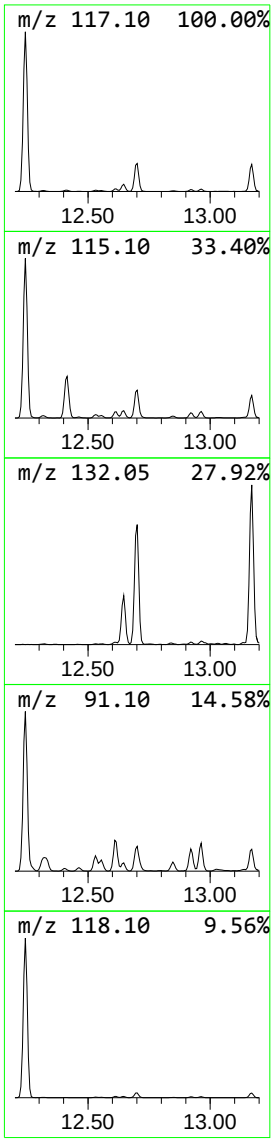
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.701	51.28 ug/l	640583	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
Data File : VX033029.D
Acq On : 23 Nov 2022 18:53
Operator : JC/MD
Sample : N5741-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-25

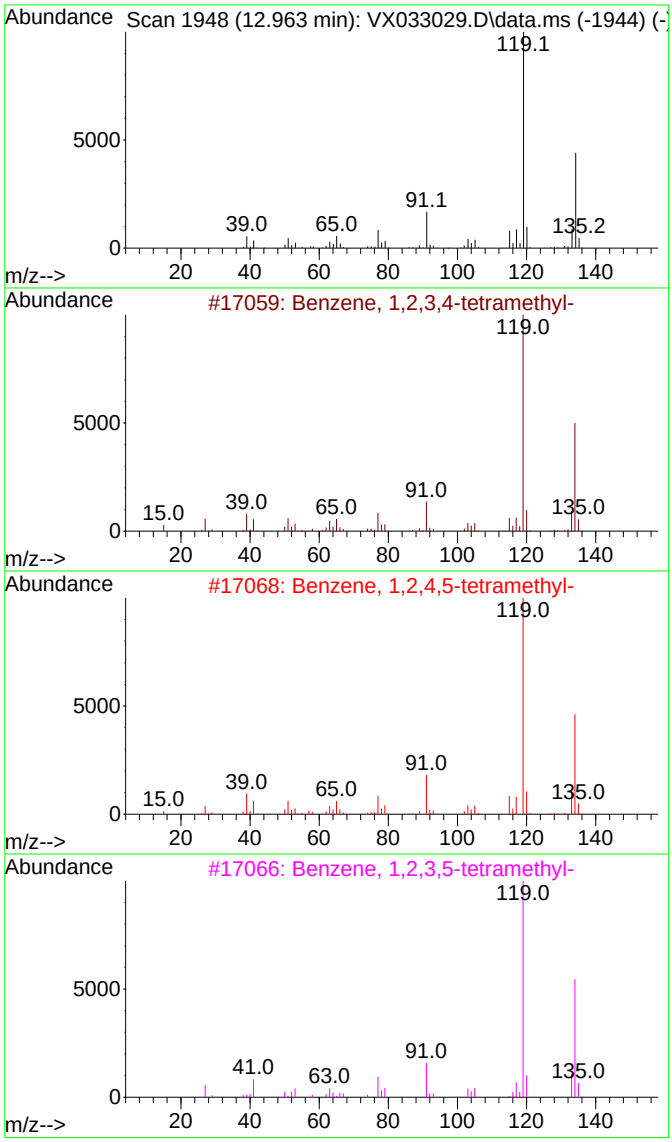
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

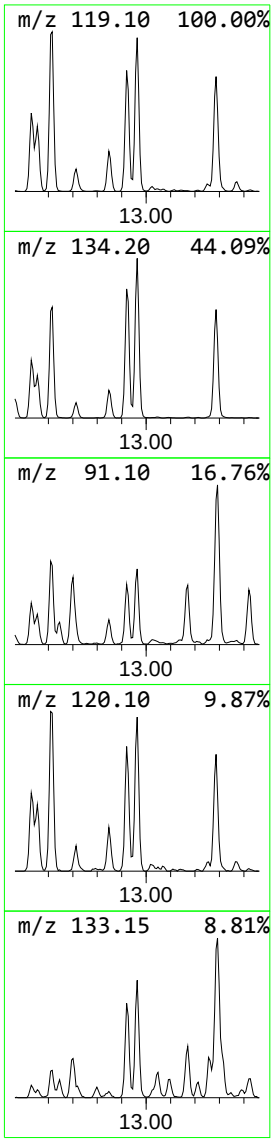
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.963	41.67 ug/l	520483	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-2,3-dimethyl-	134	C10H14	000933-98-2	93
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
Data File : VX033029.D
Acq On : 23 Nov 2022 18:53
Operator : JC/MD
Sample : N5741-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-25

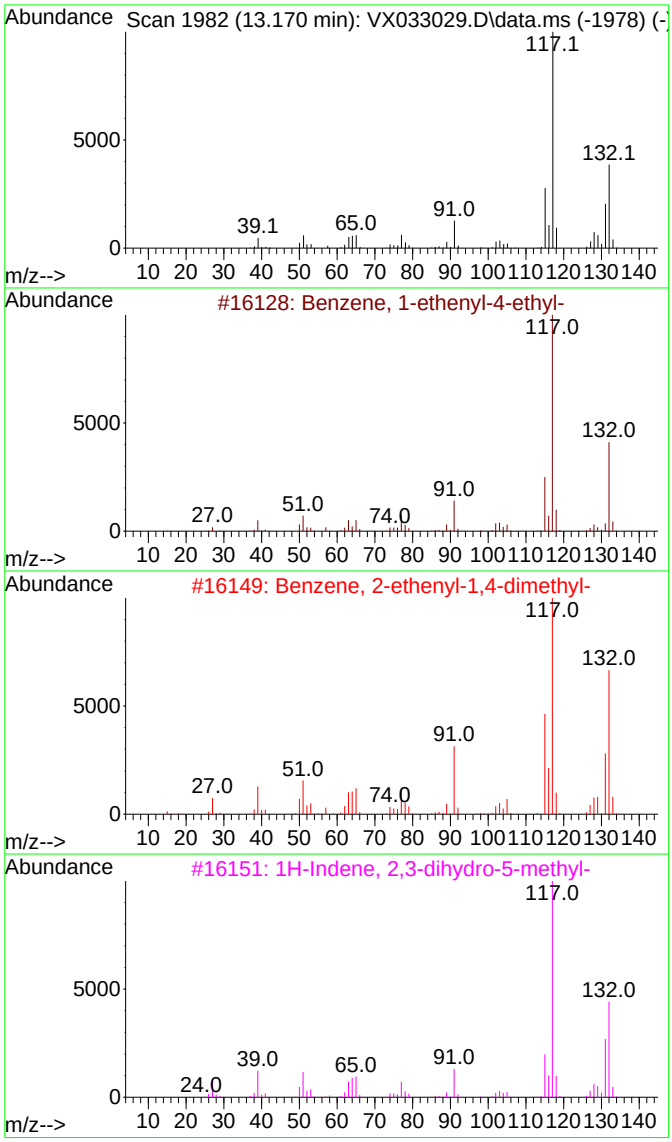
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

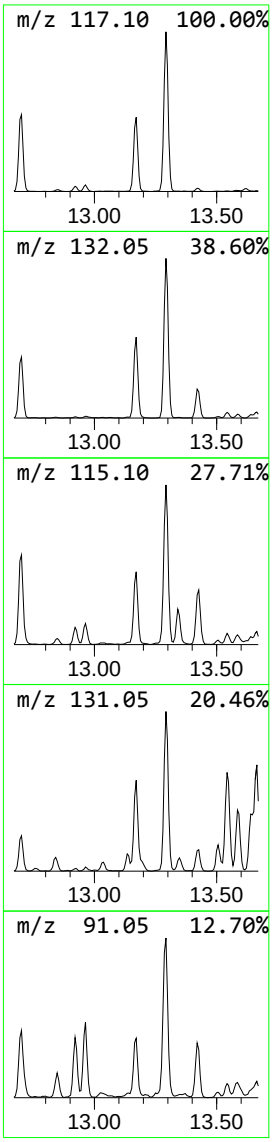
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.170	47.08 ug/l	588063	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
Data File : VX033029.D
Acq On : 23 Nov 2022 18:53
Operator : JC/MD
Sample : N5741-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-25

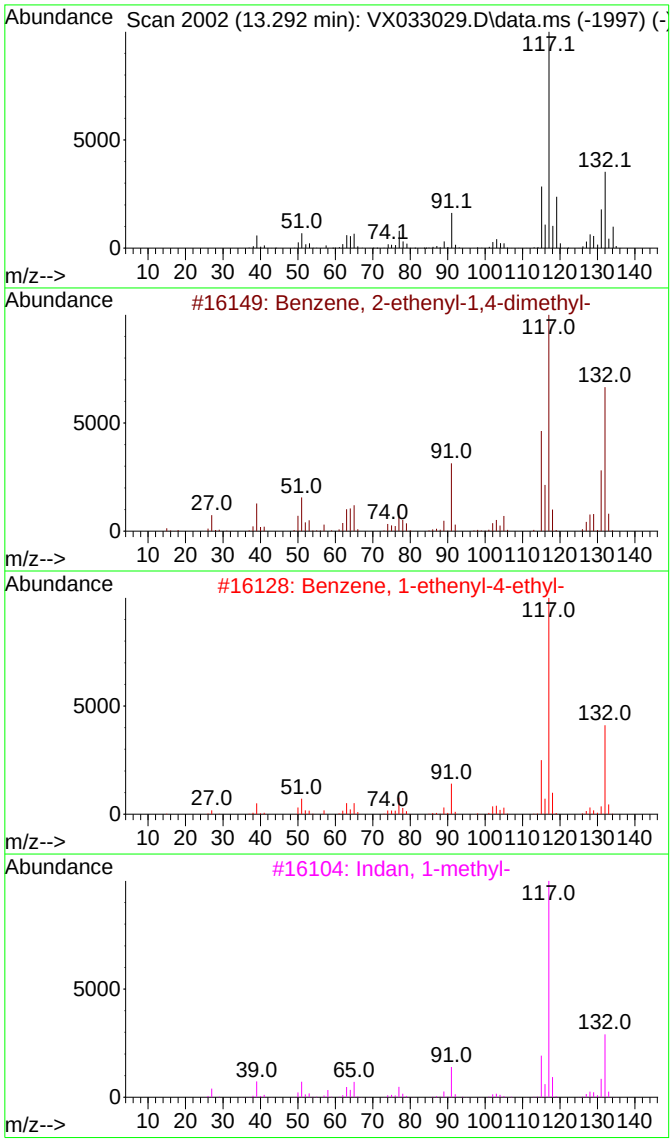
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

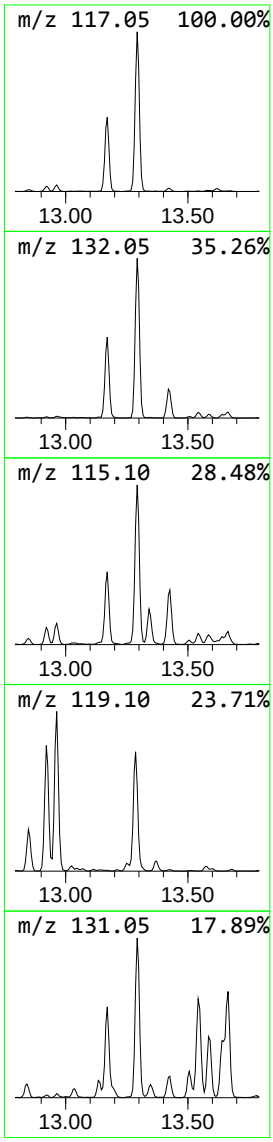
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	128.58 ug/l	1606020	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	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	Indan, 1-methyl-	132	C10H12	000767-58-8	93
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
Data File : VX033029.D
Acq On : 23 Nov 2022 18:53
Operator : JC/MD
Sample : N5741-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-25

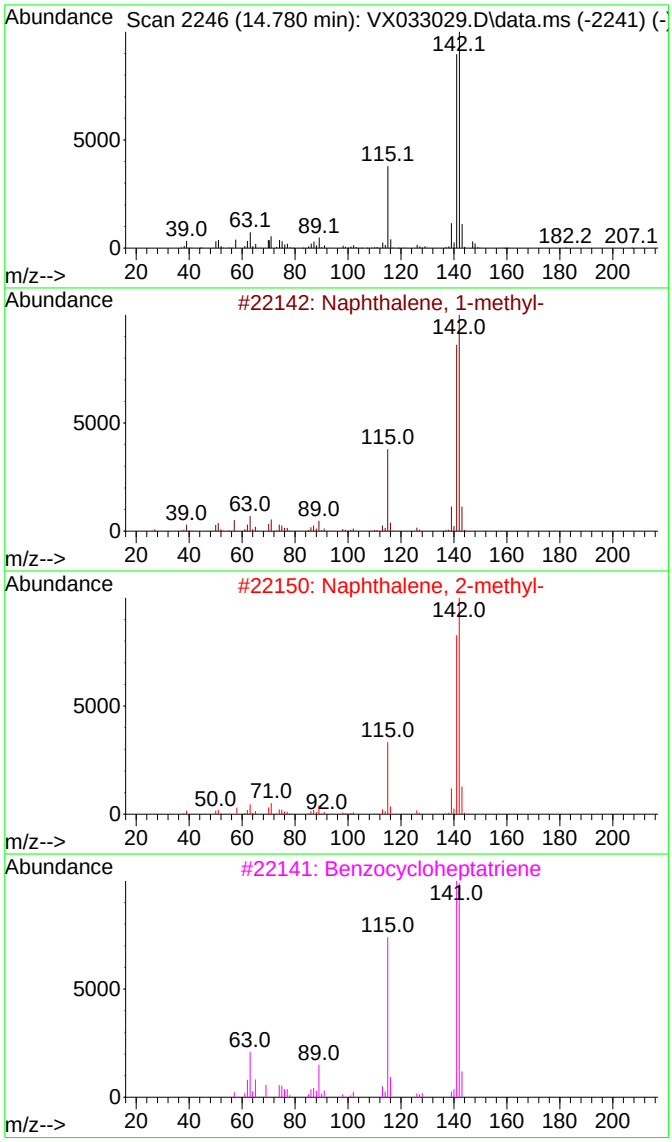
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260

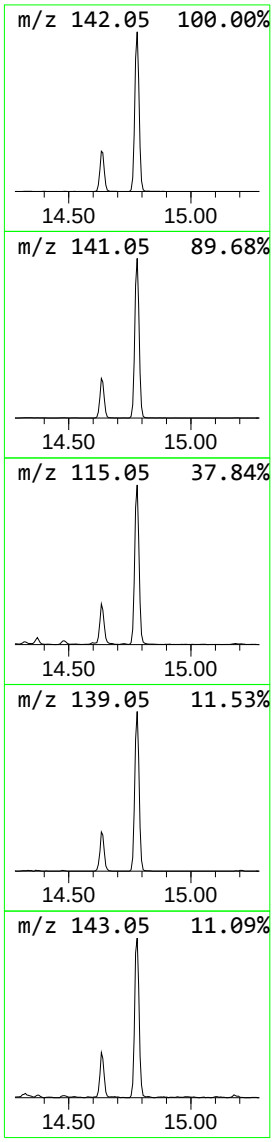
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzocycloheptatriene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.780	100.65 ug/l	1257180	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
Data File : VX033029.D
Acq On : 23 Nov 2022 18:53
Operator : JC/MD
Sample : N5741-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-25

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	90.1	ug/l	1125450	4	12.024	624538	50.0
Benzene, 1-ethy...	11.610	123.1	ug/l	1538160	4	12.024	624538	50.0
Benzene, 1,2,3-...	12.085	160.4	ug/l	2003900	4	12.024	624538	50.0
Indane	12.244	279.1	ug/l	3486620	4	12.024	624538	50.0
Benzene, 4-ethy...	12.610	45.5	ug/l	567807	4	12.024	624538	50.0
Benzene, 1-ethe...	12.701	51.3	ug/l	640583	4	12.024	624538	50.0
Benzene, 1,2,3,...	12.963	41.7	ug/l	520483	4	12.024	624538	50.0
Benzene, 1-ethe...	13.170	47.1	ug/l	588063	4	12.024	624538	50.0
Benzene, 2-ethe...	13.292	128.6	ug/l	1606020	4	12.024	624538	50.0
Benzocyclohepta...	14.780	100.7	ug/l	1257180	4	12.024	624538	50.0