LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
Data File : VX029035.D
Acq On : 27 May 2022 19:30
Operator : JC/MD
Sample : N3087-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-03

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\82X051222W.M
Title : SW846 8260

Signal : TIC: VX029035.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.391	692	706	715	rBV2	220066	657483	1.47%	0.312%
2	5.556	724	733	762	rVB	351006	1101238	2.46%	0.523%
3	5.958	789	799	806	rBV	224961	594332	1.33%	0.282%
4	6.044	806	813	824	rVB	296126	783473	1.75%	0.372%
5	6.763	921	931	942	rBV	564522	1384090	3.09%	0.657%
6	8.653	1235	1241	1246	rVB	1174062	1801423	4.02%	0.855%
7	8.720	1246	1252	1259	rVB	4901783	7428030	16.58%	3.525%
8	10.055	1466	1471	1477	rBV	1279367	1688474	3.77%	0.801%
9	10.195	1488	1494	1503	rBV	13281529	18380447	41.02%	8.723%
10	10.311	1504	1513	1518	rBV	29032873	44812414	100.00%	21.268%
11	10.647	1562	1568	1577	rVB	5728230	7729469	17.25%	3.668%
12	10.964	1614	1620	1628	rBV	848639	1037430	2.32%	0.492%
13	11.085	1634	1640	1645	rBV	1084049	1427746	3.19%	0.678%
14	11.305	1671	1676	1682	rVB	1738938	2012752	4.49%	0.955%
15	11.384	1683	1689	1690	rVV	4914332	6109338	13.63%	2.899%
16	11.403	1690	1692	1696	rVV	4378241	4609421	10.29%	2.188%
17	11.451	1696	1700	1707	rVB	3750760	4591509	10.25%	2.179%
18	11.616	1721	1727	1735	rBV	4148116	5162427	11.52%	2.450%
19	11.756	1744	1750	1755	rBV	22797403	30066283	67.09%	14.269%
20	12.024	1789	1794	1799	rBV	1555434	1939955	4.33%	0.921%
21	12.091	1799	1805	1810	rBV	8199469	10075195	22.48%	4.782%
22	12.244	1825	1830	1838	rBV	9401395	11987723	26.75%	5.689%
23	12.317	1838	1842	1849	rVB2	1344903	1903444	4.25%	0.903%
24	12.415	1852	1858	1862	rBV	1218864	1576548	3.52%	0.748%
25	12.463	1862	1866	1872	rVB	562683	715034	1.60%	0.339%
26	12.530	1872	1877	1879	rBV	1611238	1944954	4.34%	0.923%
27	12.555	1879	1881	1886	rVV	1290277	1463090	3.26%	0.694%
28	12.616	1886	1891	1894	rVV	2472823	2924657	6.53%	1.388%
29	12.646	1894	1896	1900	rVB	524885	537795	1.20%	0.255%
30	12.701	1900	1905	1913	rBV2	1903903	2638564	5.89%	1.252%
31	12.847	1924	1929	1934	rVB	615042	774040	1.73%	0.367%
32	12.921	1934	1941	1945	rBV	1663702	2106681	4.70%	1.000%
33	12.963	1945	1948	1954	rVB	2353923	2732358	6.10%	1.297%
34	13.170	1978	1982	1986	rVB	1807213	2061708	4.60%	0.978%
35	13.292	1998	2002	2007	rVB2	3518420	4620521	10.31%	2.193%
36	13.427	2019	2024	2032	rVB	648642	853295	1.90%	0.405%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
Data File : VX029035.D
Acq On : 27 May 2022 19:30
Operator : JC/MD
Sample : N3087-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-03

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\82X051222W.M
Title : SW846 8260

37	13.542	2040	2043	2046	rVV	356330	461780	1.03%	0.219%
38	13.585	2046	2050	2056	rVB3	405368	726681	1.62%	0.345%
39	13.664	2061	2063	2069	rVB2	384300	552198	1.23%	0.262%
40	13.780	2076	2082	2088	rBV	9481571	12176070	27.17%	5.779%
41	13.872	2091	2097	2101	rVB	566470	750577	1.67%	0.356%
42	14.213	2148	2153	2163	rBV	272052	471997	1.05%	0.224%
43	14.640	2219	2223	2233	rVB	1418229	1779004	3.97%	0.844%
44	14.780	2241	2246	2256	rVB	1218115	1554451	3.47%	0.738%

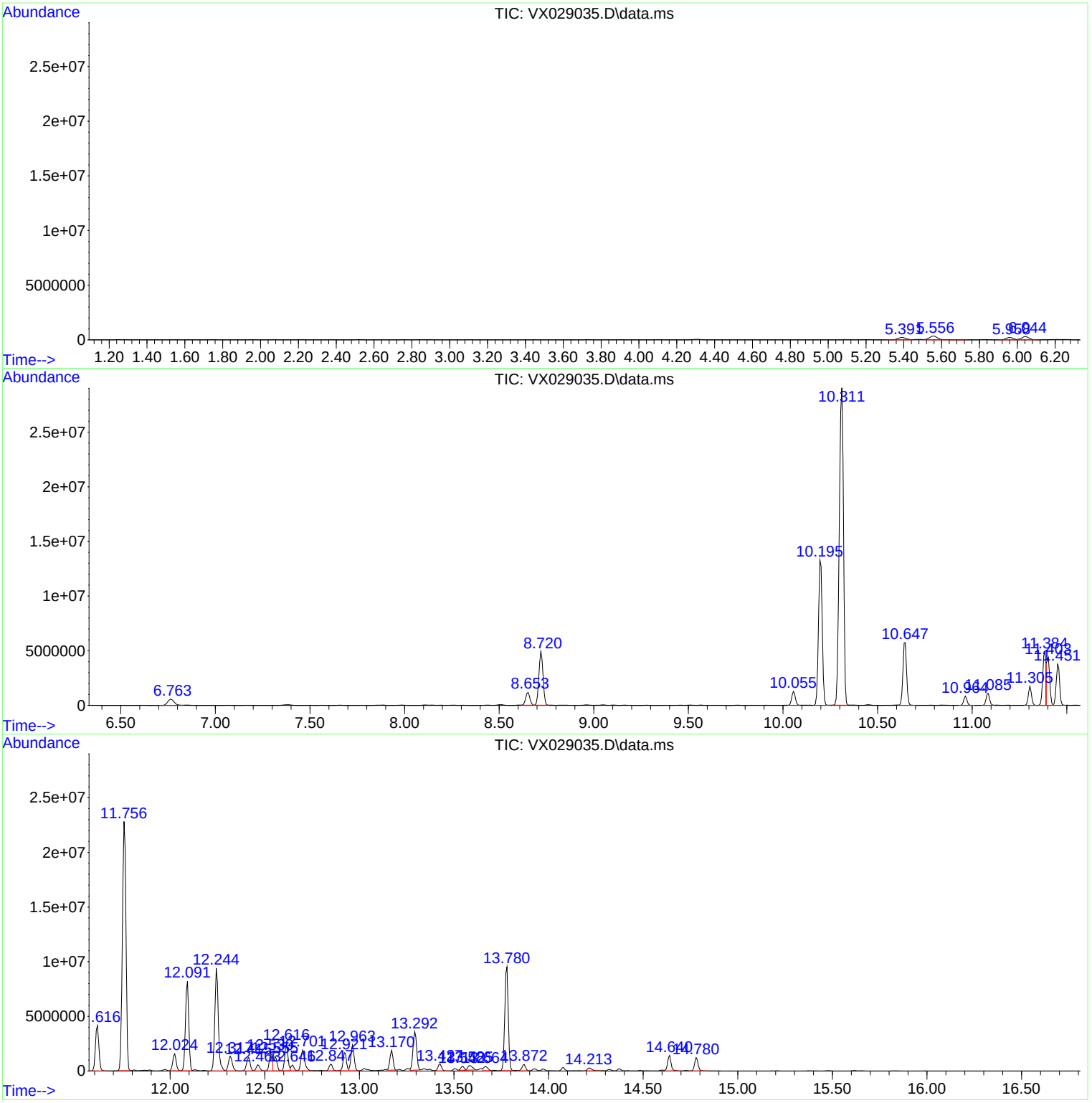
Sum of corrected areas: 210706099

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
Data File : VX029035.D
Acq On : 27 May 2022 19:30
Operator : JC/MD
Sample : N3087-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-03

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
Data File : VX029035.D
Acq On : 27 May 2022 19:30
Operator : JC/MD
Sample : N3087-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-03

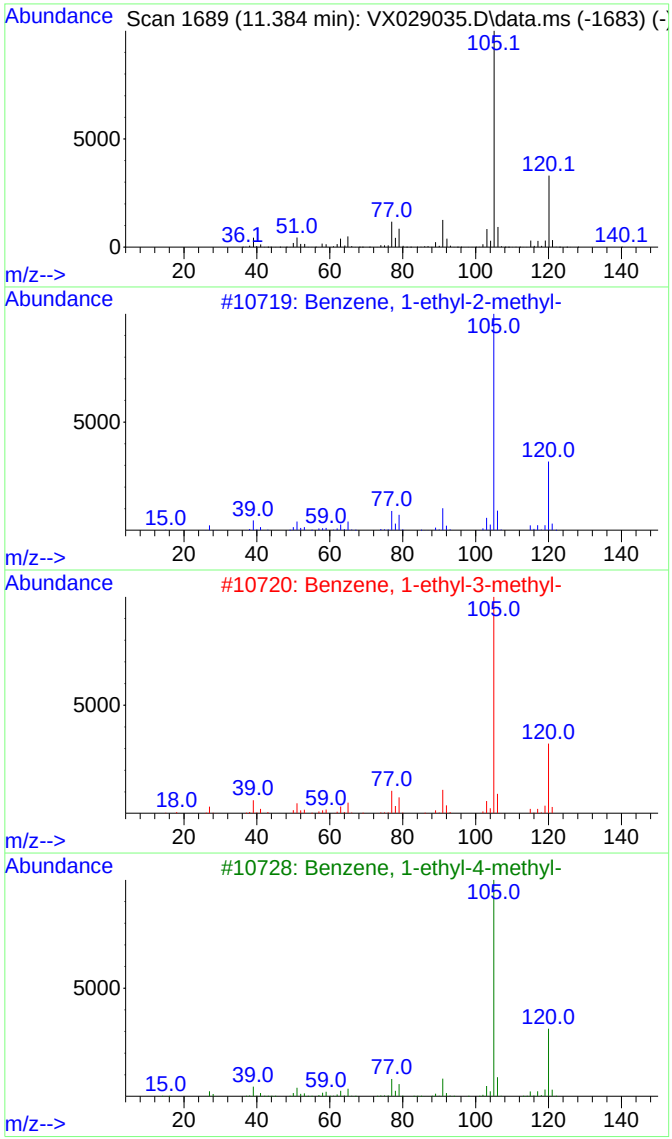
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260

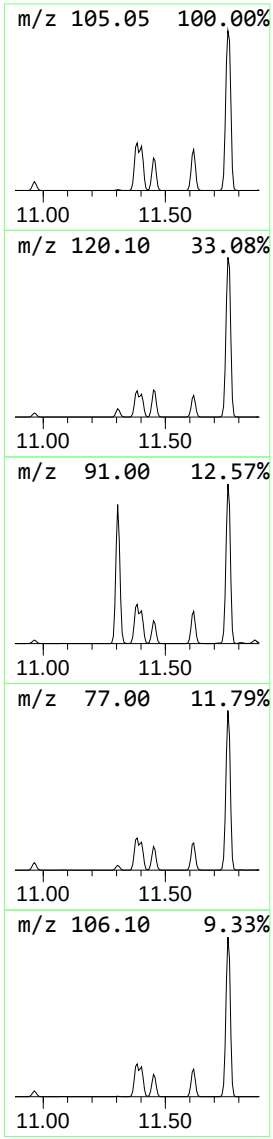
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.384	157.46 ug/l	6109340	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-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
Data File : VX029035.D
Acq On : 27 May 2022 19:30
Operator : JC/MD
Sample : N3087-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-03

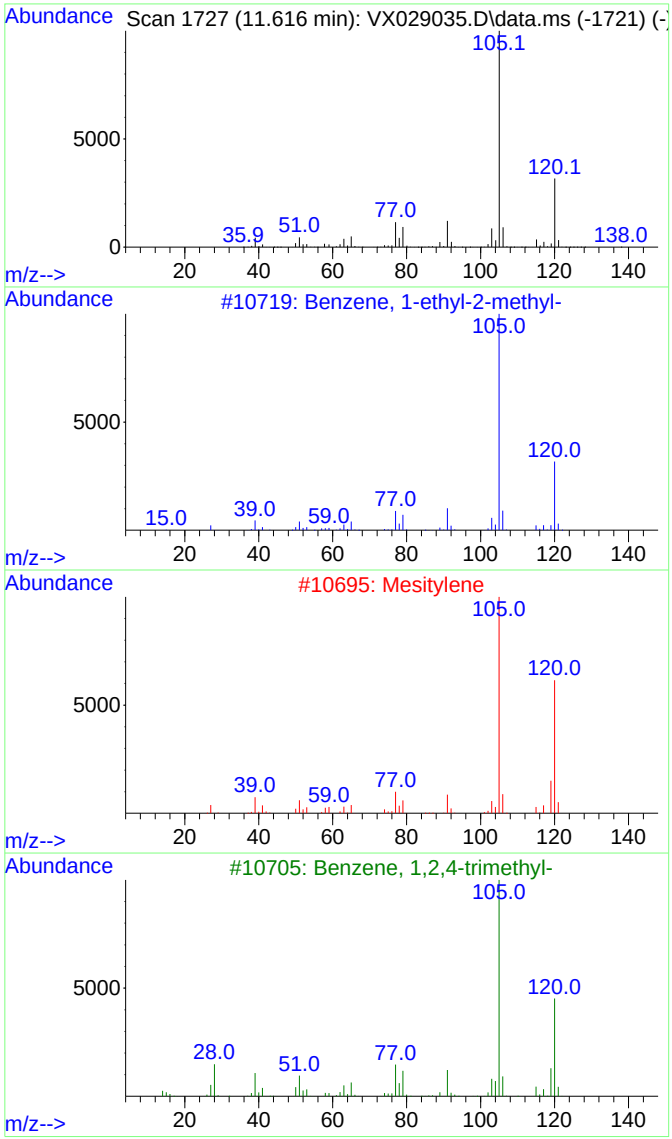
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260

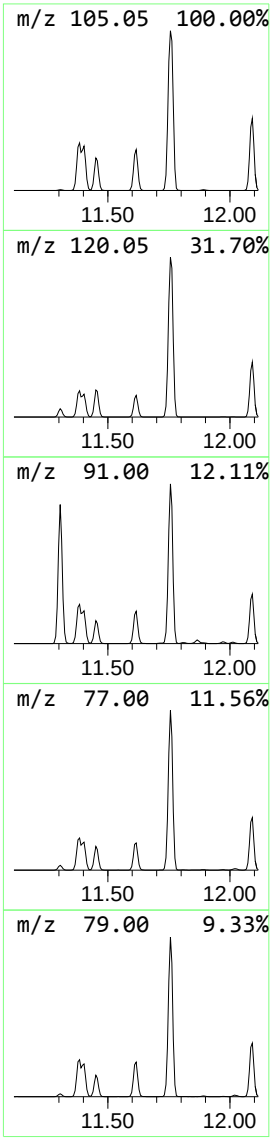
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.616	133.06 ug/l	5162430	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	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
Data File : VX029035.D
Acq On : 27 May 2022 19:30
Operator : JC/MD
Sample : N3087-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-03

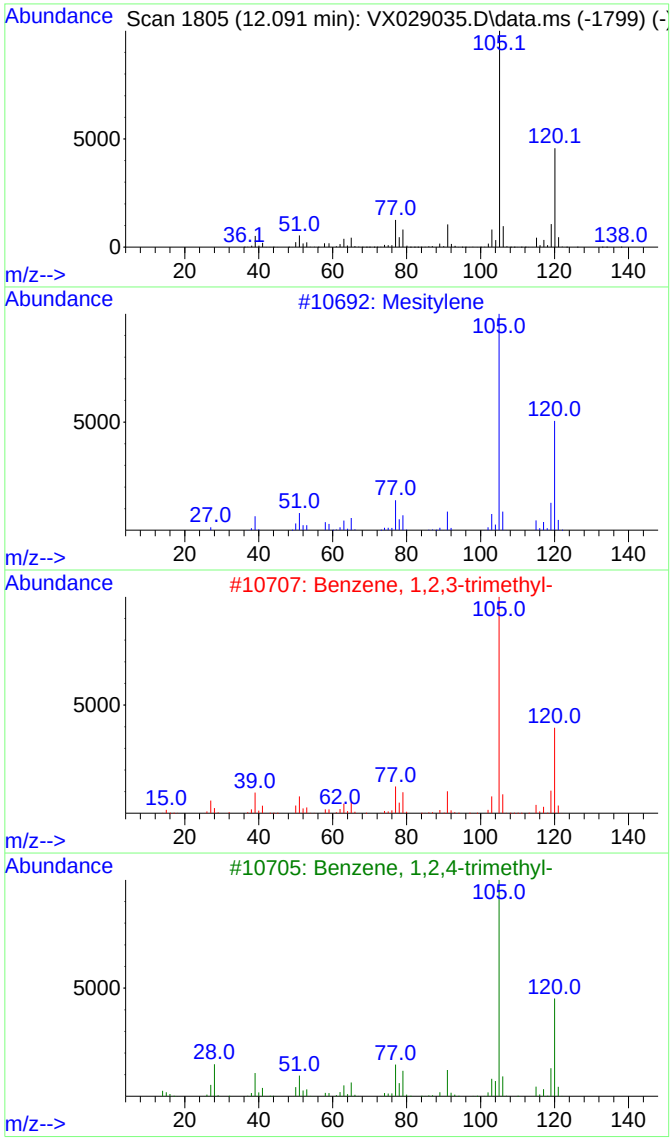
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260

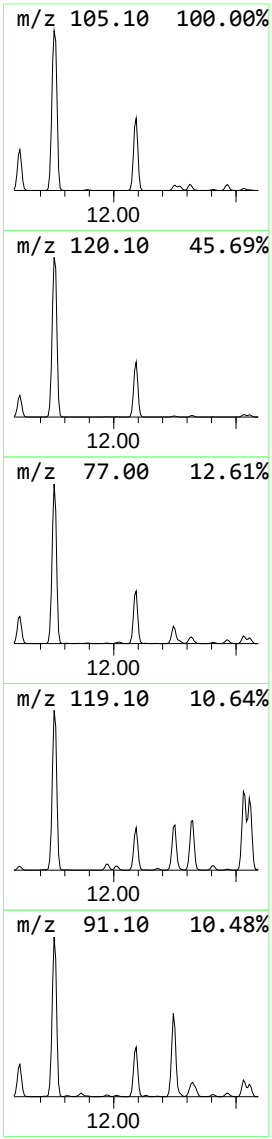
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.091	259.68 ug/l	10075200	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	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
Data File : VX029035.D
Acq On : 27 May 2022 19:30
Operator : JC/MD
Sample : N3087-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-03

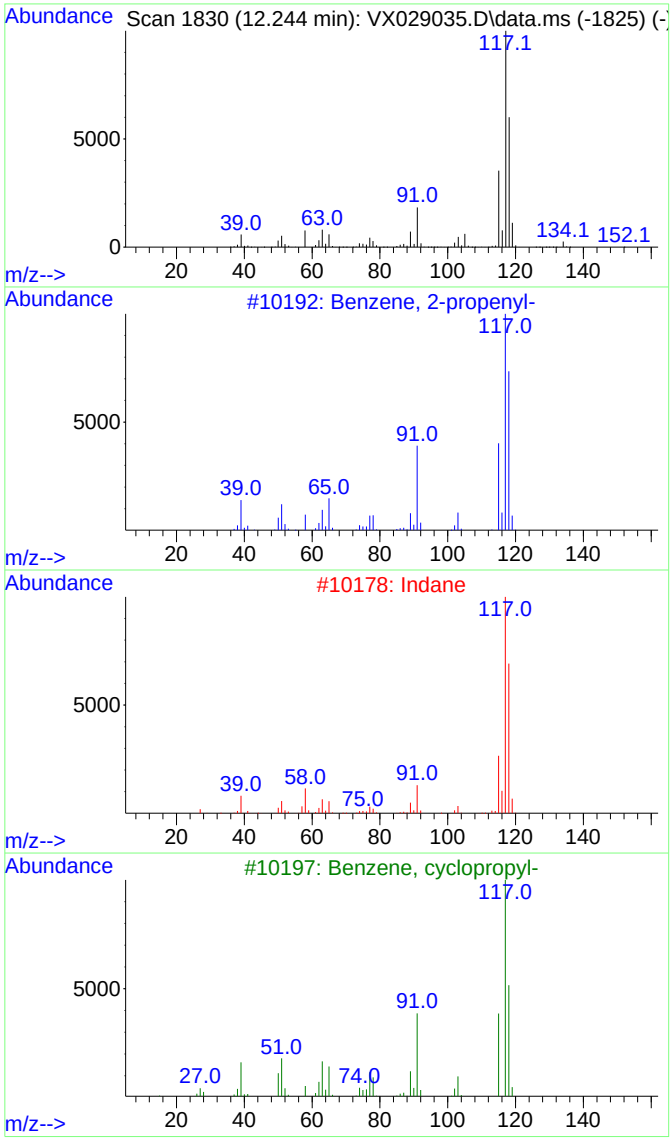
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260

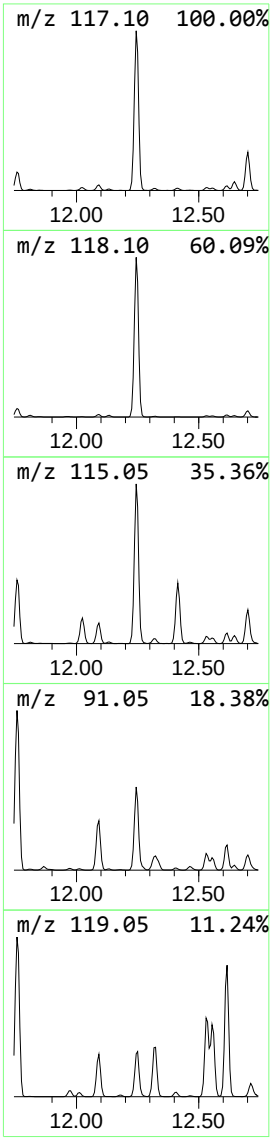
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 2-propenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	308.97 ug/l	11987700	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	87
2	Indane	118	C9H10	000496-11-7	81
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74
5	Deltacyclene	118	C9H10	007785-10-6	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
Data File : VX029035.D
Acq On : 27 May 2022 19:30
Operator : JC/MD
Sample : N3087-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-03

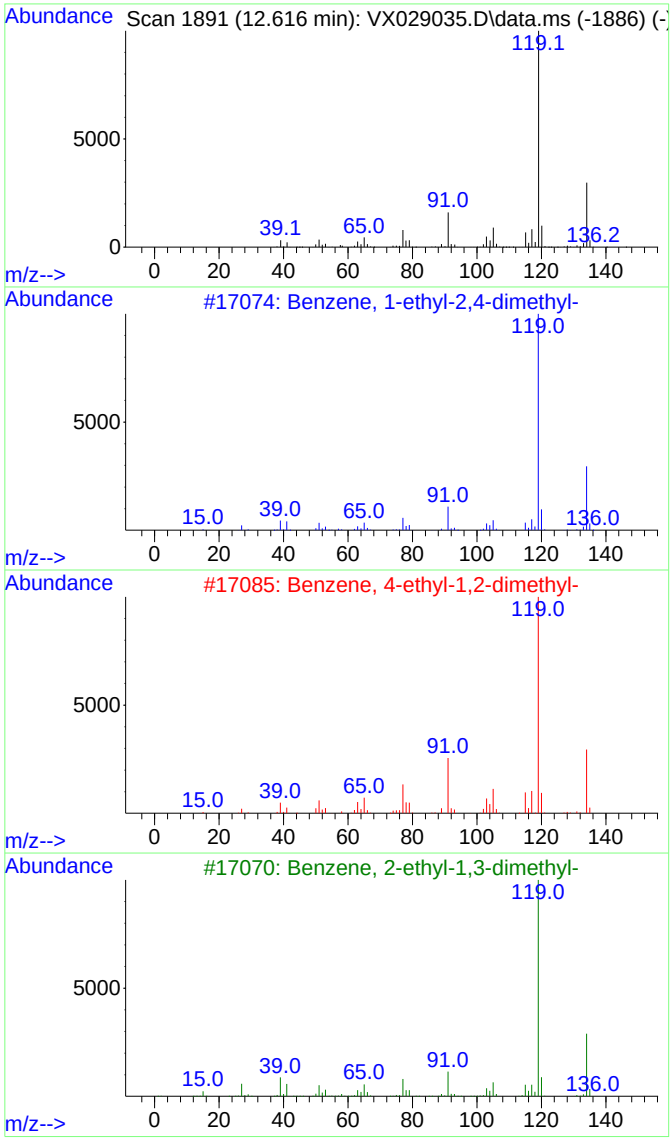
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260

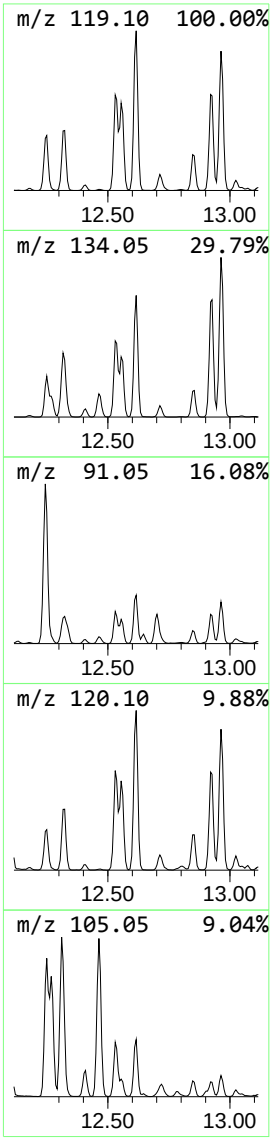
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.616	75.38 ug/l	2924660	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, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
Data File : VX029035.D
Acq On : 27 May 2022 19:30
Operator : JC/MD
Sample : N3087-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-03

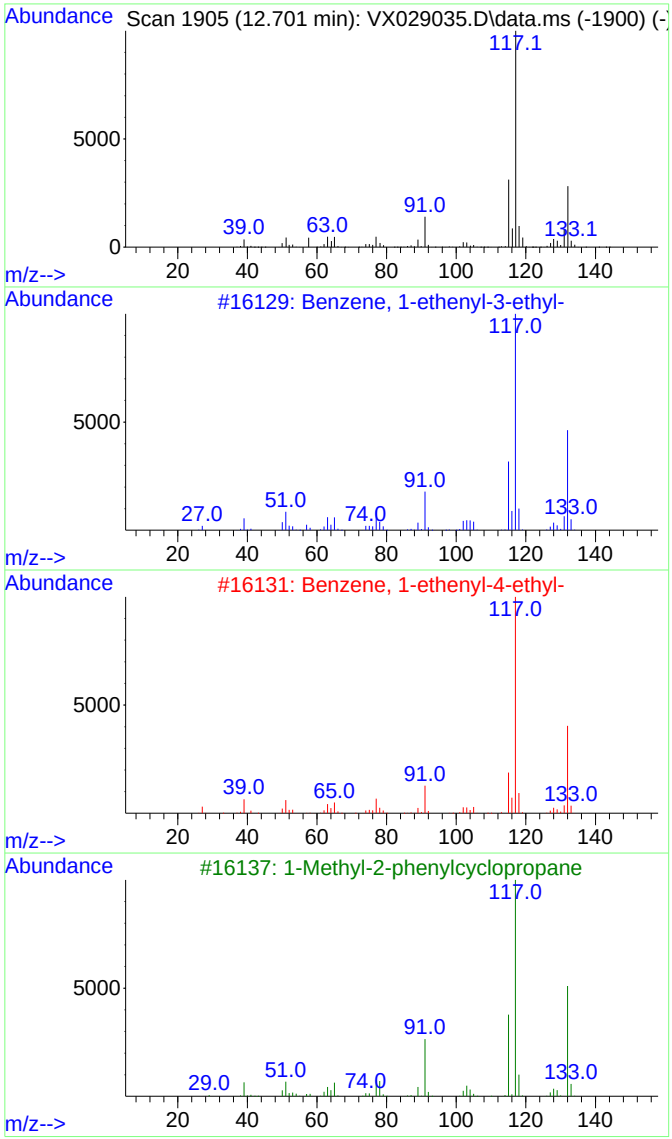
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260

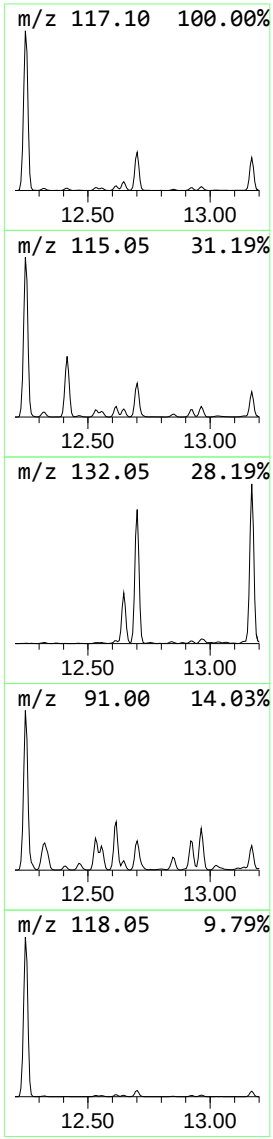
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.701	68.01 ug/l	2638560	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	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87
4	Indan, 1-methyl-	132	C10H12	000767-58-8	87
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
Data File : VX029035.D
Acq On : 27 May 2022 19:30
Operator : JC/MD
Sample : N3087-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-03

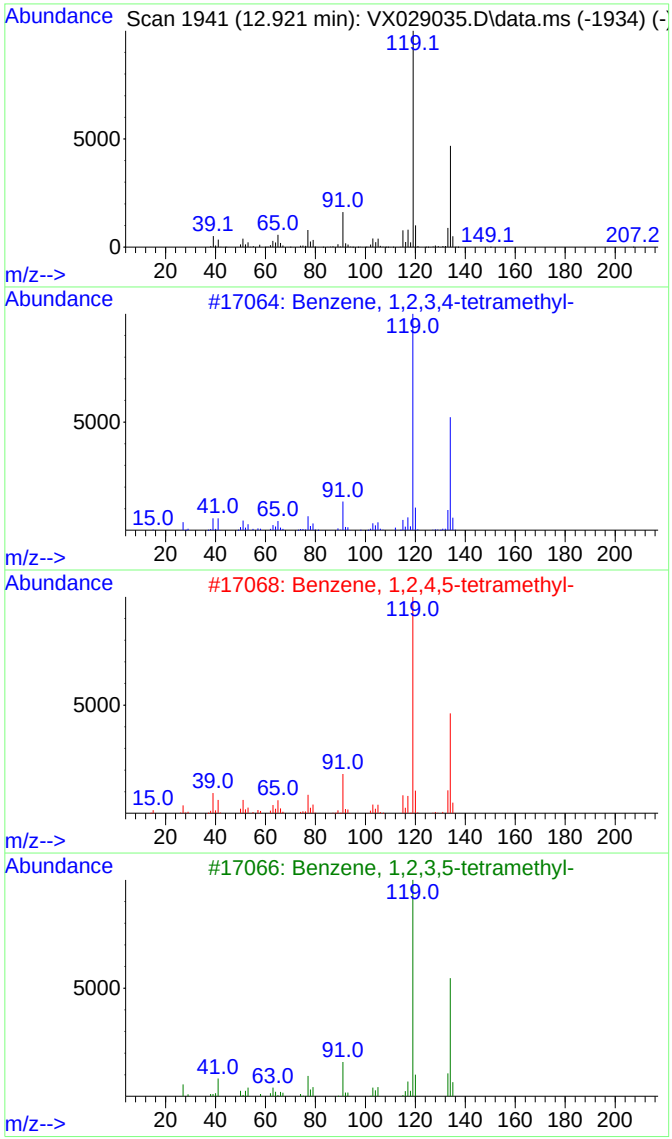
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260

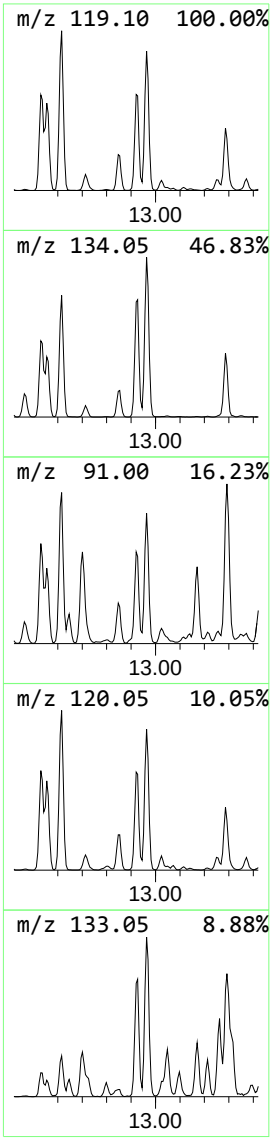
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.921	54.30 ug/l	2106680	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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
Data File : VX029035.D
Acq On : 27 May 2022 19:30
Operator : JC/MD
Sample : N3087-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-03

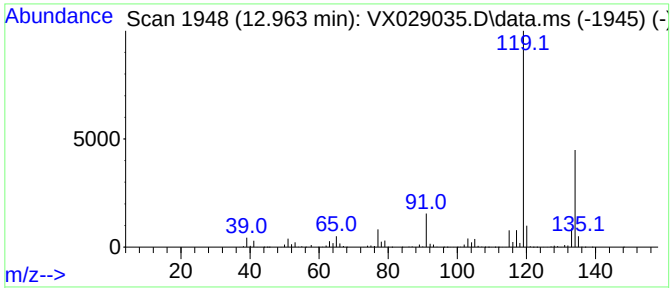
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260

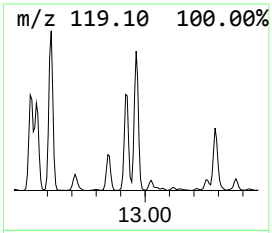
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

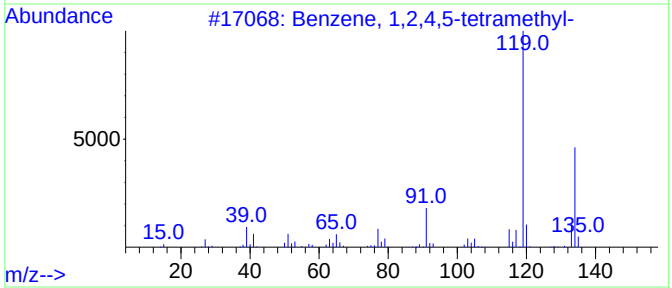
****
Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

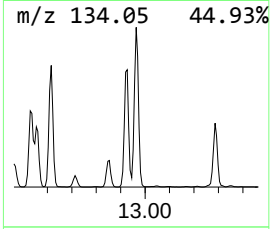
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.963	70.42 ug/l	2732360	1,4-Dichlorobenzene-d4	12.024

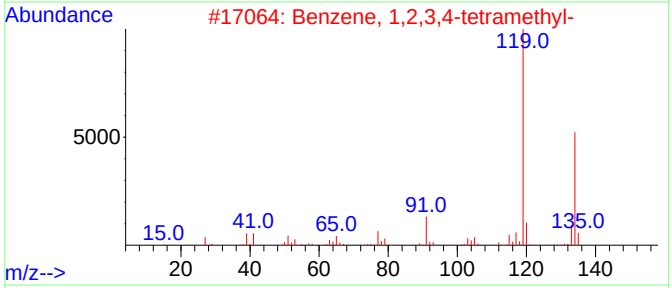
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5	o-Cymene	134	C10H14	000527-84-4	95

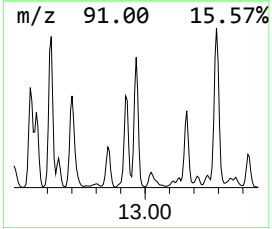


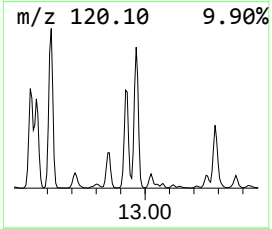


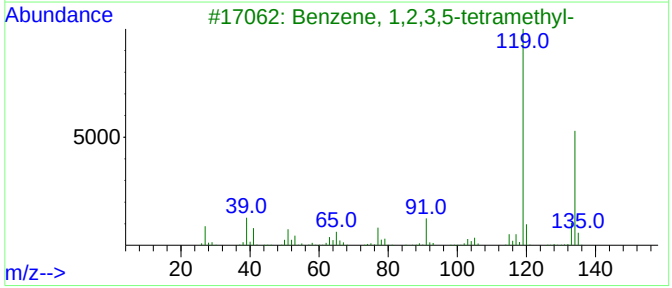


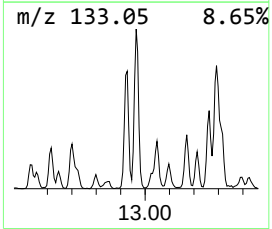












Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
Data File : VX029035.D
Acq On : 27 May 2022 19:30
Operator : JC/MD
Sample : N3087-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-03

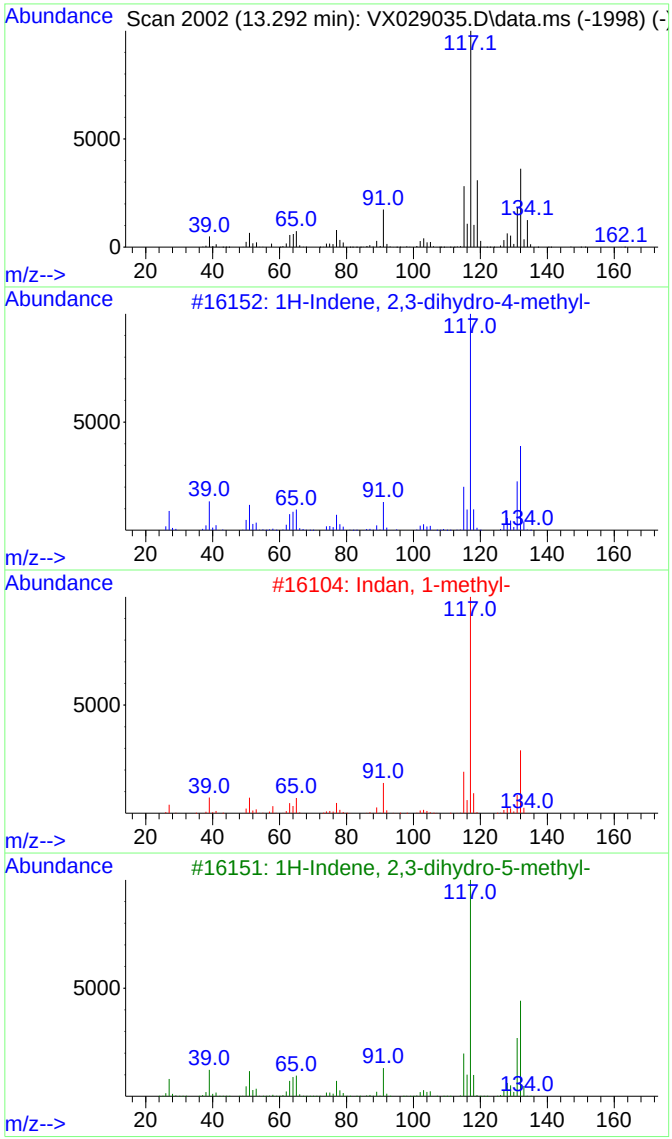
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260

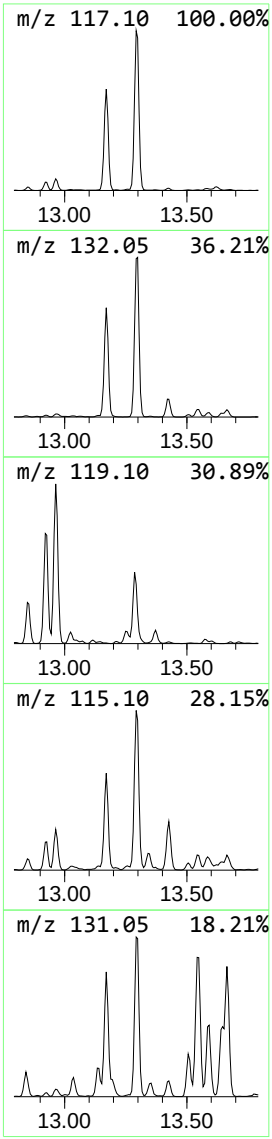
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	119.09 ug/l	4620520	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
2	Indan, 1-methyl-	132	C10H12	000767-58-8	93
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	89
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
Data File : VX029035.D
Acq On : 27 May 2022 19:30
Operator : JC/MD
Sample : N3087-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-03

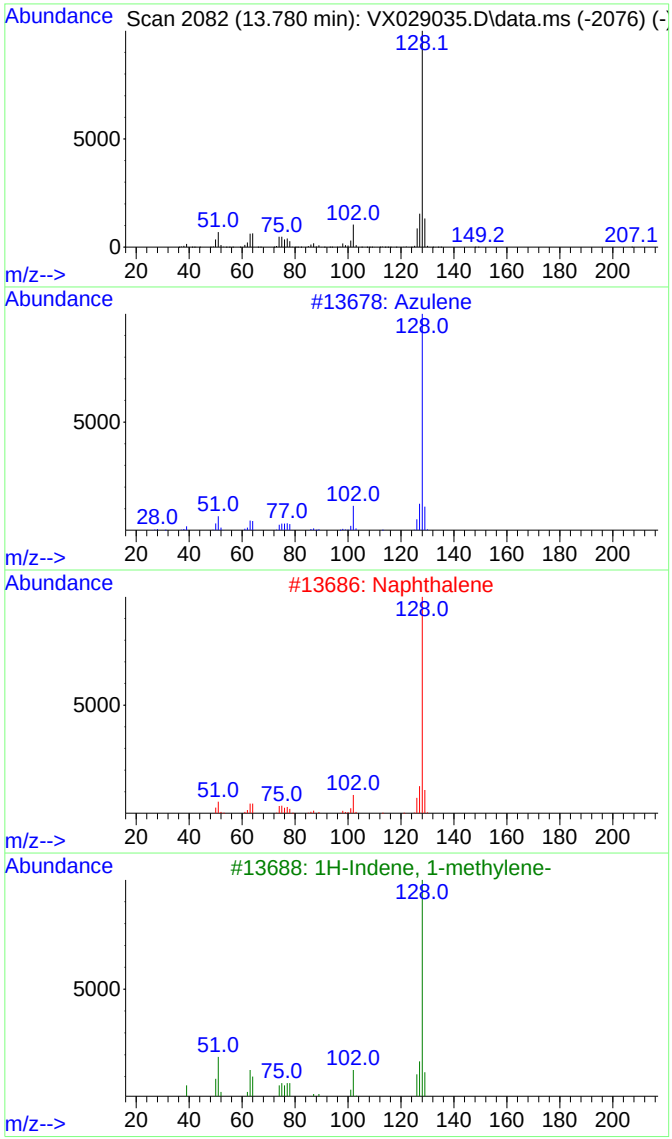
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260

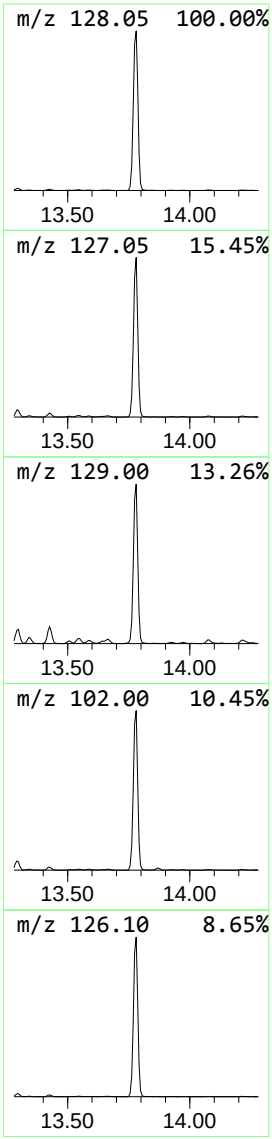
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Indene, 1-methylene- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.780	313.82 ug/l	12176100	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene	128	C10H8	000275-51-4	95
2	Naphthalene	128	C10H8	000091-20-3	95
3	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	91
4	4-Phenylbut-3-ene-1-yne	128	C10H8	1000222-12-0	64
5	[4.2.2]Propella-2,4,7,9-tetraene	128	C10H8	088090-34-0	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
Data File : VX029035.D
Acq On : 27 May 2022 19:30
Operator : JC/MD
Sample : N3087-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-03

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.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	157.5	ug/l	6109340	4	12.024	1939960	50.0
Benzene, 1-ethy...	11.616	133.1	ug/l	5162430	4	12.024	1939960	50.0
Benzene, 1,2,3-...	12.091	259.7	ug/l	10075200	4	12.024	1939960	50.0
Benzene, 2-prop...	12.244	309.0	ug/l	11987700	4	12.024	1939960	50.0
Benzene, 1-ethy...	12.616	75.4	ug/l	2924660	4	12.024	1939960	50.0
Benzene, 1-ethe...	12.701	68.0	ug/l	2638560	4	12.024	1939960	50.0
Benzene, 1,2,3,...	12.921	54.3	ug/l	2106680	4	12.024	1939960	50.0
Benzene, 1,2,4,...	12.963	70.4	ug/l	2732360	4	12.024	1939960	50.0
1H-Indene, 2,3-...	13.292	119.1	ug/l	4620520	4	12.024	1939960	50.0
1H-Indene, 1-me...	13.780	313.8	ug/l	12176100	4	12.024	1939960	50.0