LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110722\
Data File : VX032637.D
Acq On : 07 Nov 2022 19:08
Operator : JC/MD
Sample : N5497-02 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-08

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\82X102622W.M
Title : SW846 8260

Signal : TIC: VX032637.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.385	691	705	715	rBV2	70566	209374	3.10%	0.840%
2	5.556	723	733	750	rVB	120919	343315	5.09%	1.377%
3	5.958	788	799	807	rBV	78356	211050	3.13%	0.846%
4	6.038	807	812	826	rVB2	37319	95928	1.42%	0.385%
5	6.763	921	931	941	rBV	185006	443304	6.57%	1.778%
6	8.647	1234	1240	1247	rBV	390873	603968	8.95%	2.422%
7	8.720	1247	1252	1265	rVB	87392	136921	2.03%	0.549%
8	10.055	1465	1471	1481	rBV	394393	527657	7.82%	2.116%
9	10.195	1488	1494	1504	rVB	1277763	1625466	24.09%	6.518%
10	10.305	1505	1512	1524	rVB	5091293	6747354	100.00%	27.055%
11	10.640	1562	1567	1581	rVB	2510560	3207128	47.53%	12.860%
12	10.963	1614	1620	1625	rBV	71320	87187	1.29%	0.350%
13	11.079	1634	1639	1651	rBV	375070	478774	7.10%	1.920%
14	11.305	1671	1676	1682	rBV	167002	201626	2.99%	0.808%
15	11.378	1683	1688	1696	rVV	1056116	1806070	26.77%	7.242%
16	11.451	1696	1700	1706	rVB	533076	622916	9.23%	2.498%
17	11.616	1721	1727	1737	rVB	487934	637575	9.45%	2.557%
18	11.750	1744	1749	1755	rBV	2072146	2579308	38.23%	10.342%
19	12.024	1789	1794	1799	rBV	451275	562587	8.34%	2.256%
20	12.085	1799	1804	1809	rVB	635482	772168	11.44%	3.096%
21	12.244	1824	1830	1838	rBV2	629044	850973	12.61%	3.412%
22	12.317	1838	1842	1852	rVB2	124954	171540	2.54%	0.688%
23	12.414	1852	1858	1862	rBV	91070	116869	1.73%	0.469%
24	12.530	1872	1877	1879	rBV	89242	108802	1.61%	0.436%
25	12.555	1879	1881	1886	rVB	73961	78882	1.17%	0.316%
26	12.616	1886	1891	1894	rBV	131840	162346	2.41%	0.651%
27	12.701	1900	1905	1912	rBV2	99030	135943	2.01%	0.545%
28	12.920	1936	1941	1944	rVV	80710	92647	1.37%	0.371%
29	12.963	1944	1948	1954	rVB	116522	138485	2.05%	0.555%
30	13.170	1977	1982	1987	rVB	101539	120672	1.79%	0.484%
31	13.292	1997	2002	2007	rVB2	204995	261290	3.87%	1.048%
32	13.774	2076	2081	2091	rVB	549949	686610	10.18%	2.753%
33	14.640	2218	2223	2233	rVB	85961	114321	1.69%	0.458%

Sum of corrected areas: 24939056

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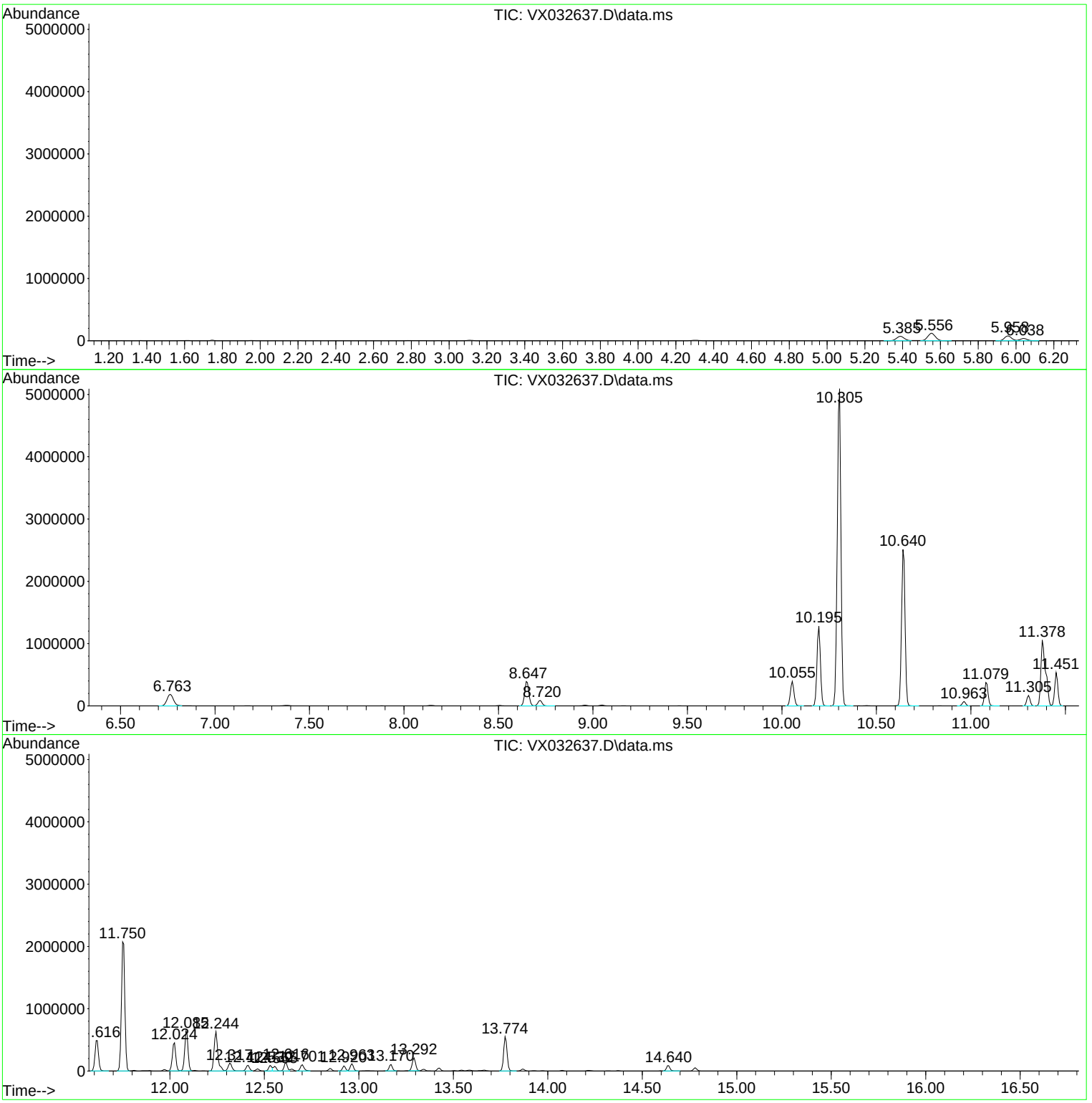
Instrument :
MSVOA_X
ClientSampleId :
MW-08

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260

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



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Data File : VX032637.D
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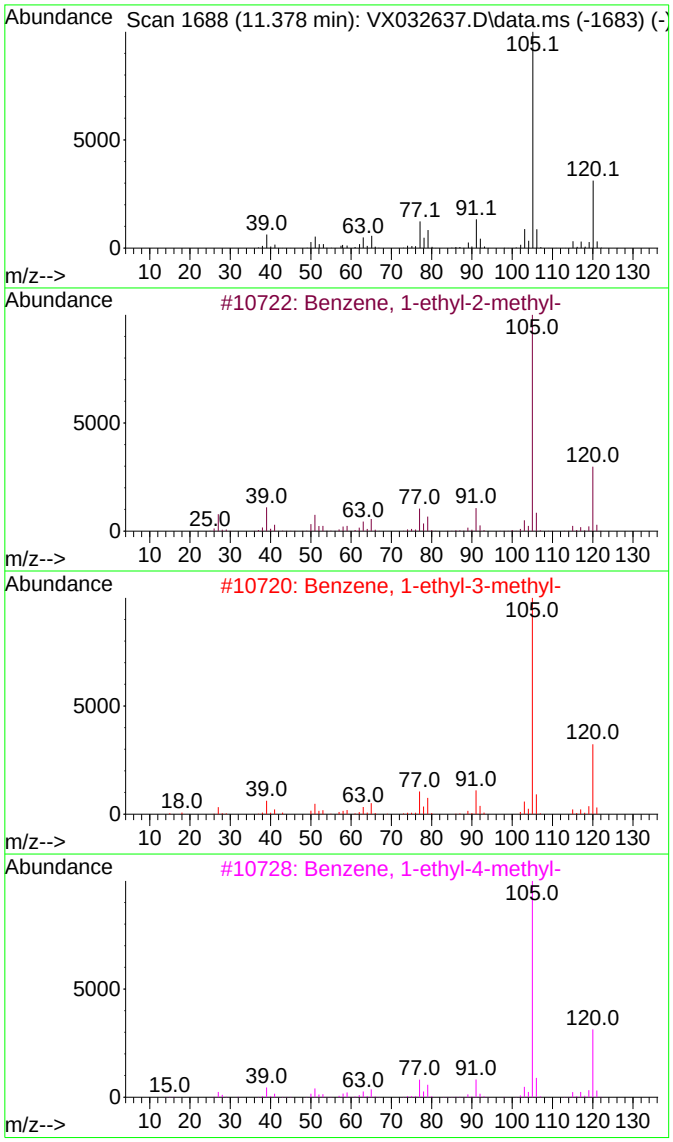
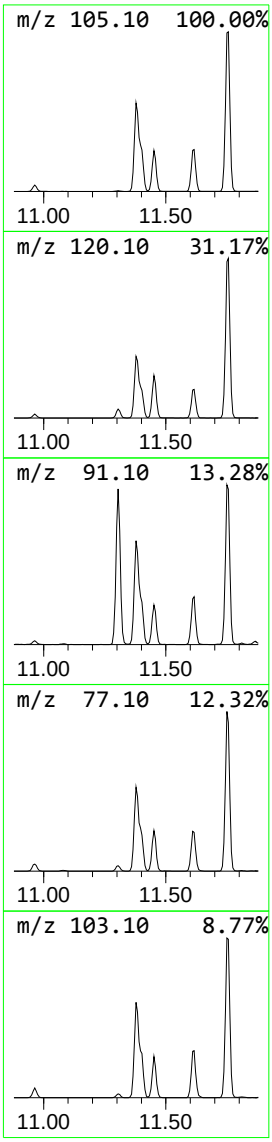
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.378	160.51 ug/l	1806070	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	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Data File : VX032637.D
Acq On : 07 Nov 2022 19:08
Operator : JC/MD
Sample : N5497-02 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-08

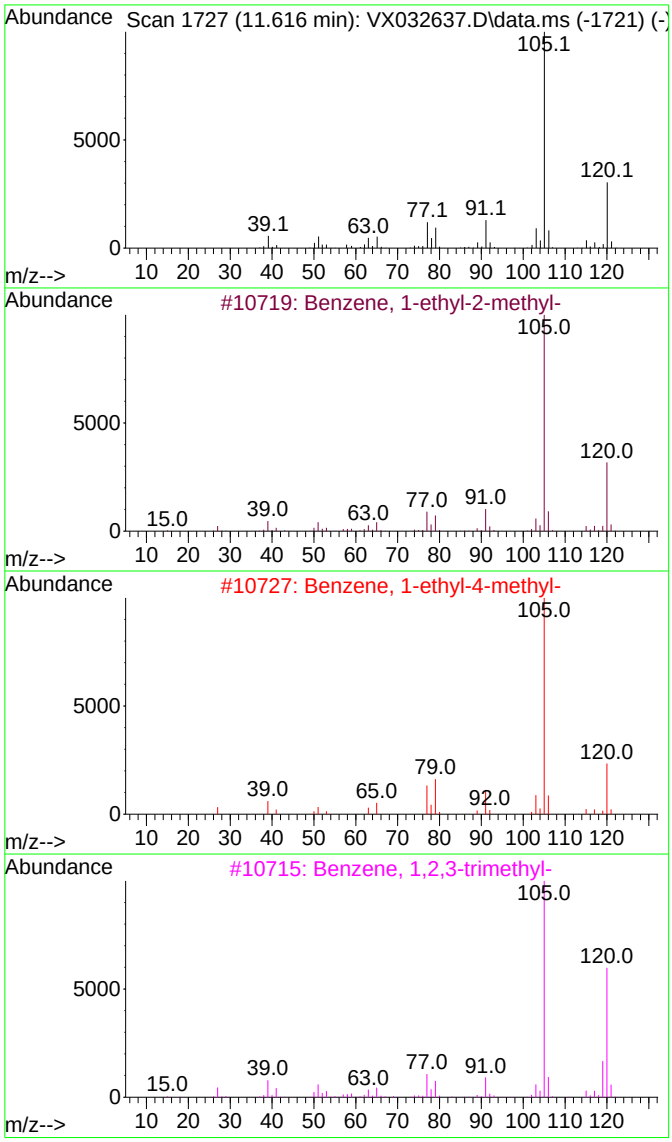
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260

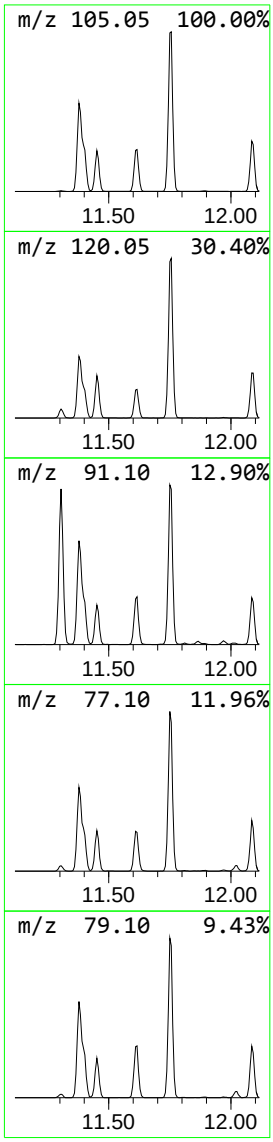
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.616	56.66 ug/l	637575	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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Data File : VX032637.D
Acq On : 07 Nov 2022 19:08
Operator : JC/MD
Sample : N5497-02 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-08

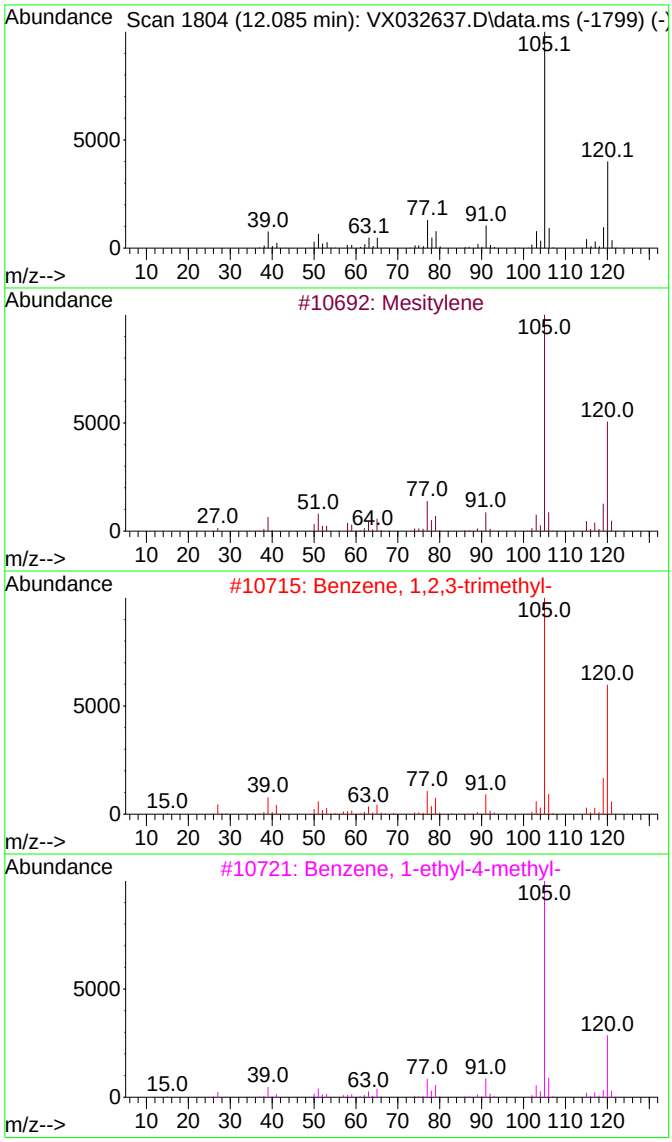
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260

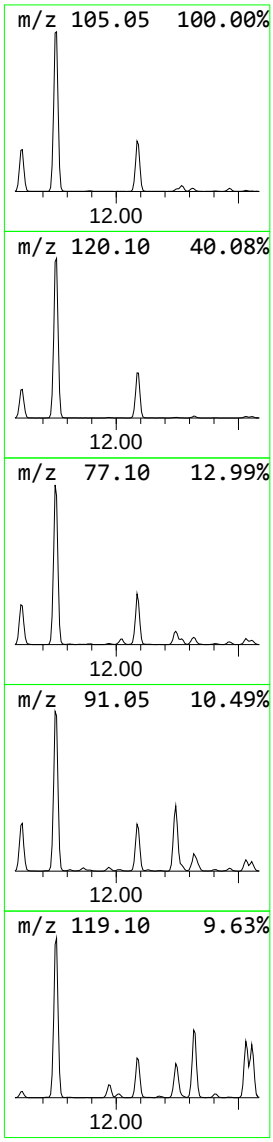
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.085	68.63 ug/l	772168	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-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110722\
Data File : VX032637.D
Acq On : 07 Nov 2022 19:08
Operator : JC/MD
Sample : N5497-02 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-08

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260

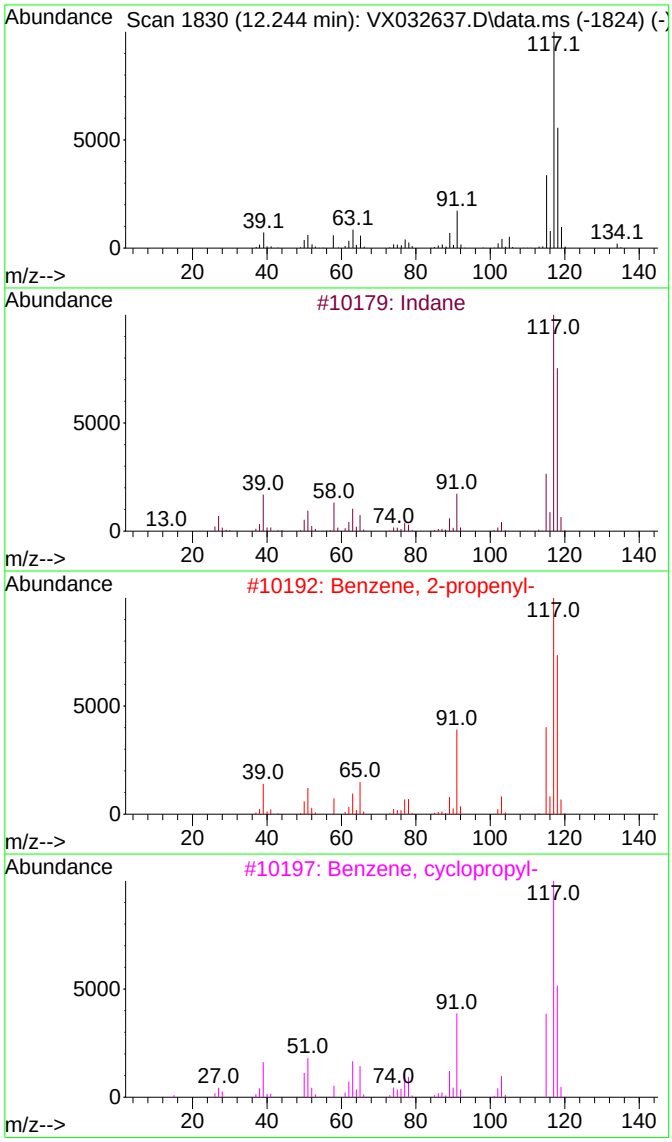
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

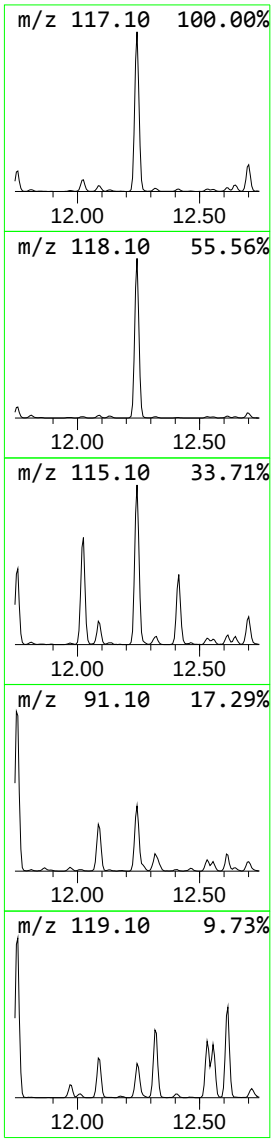
****

Peak Number 4 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	75.63 ug/l	850973	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	74
5	Deltacyclene	118	C9H10	007785-10-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110722\
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Operator : JC/MD
Sample : N5497-02 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-08

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260

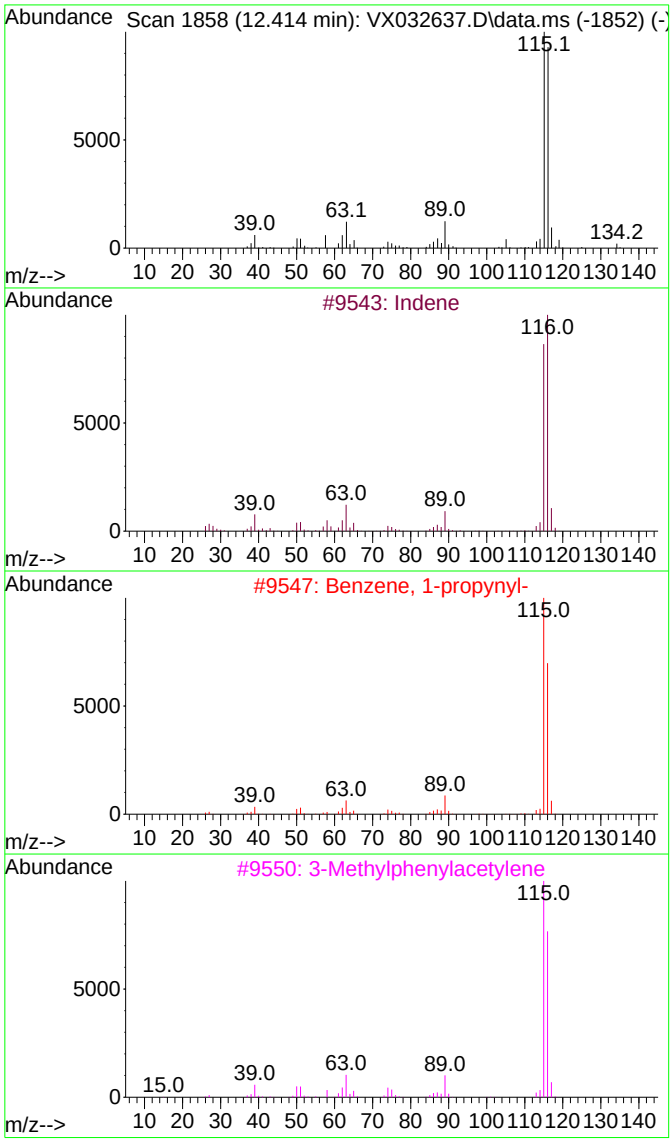
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

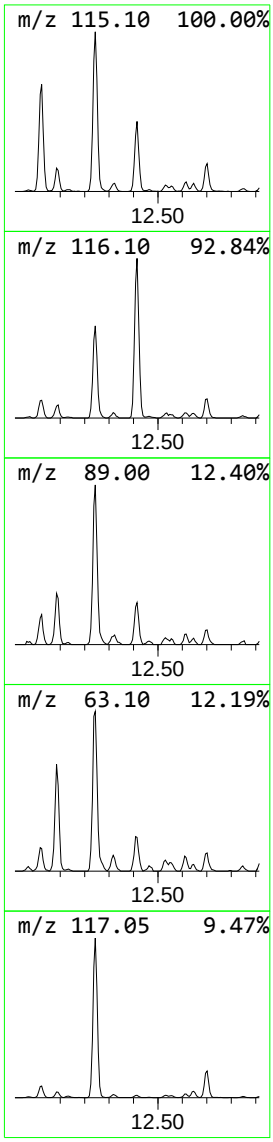
****

Peak Number 5 Indene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.414	10.39 ug/l	116869	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	94
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	91





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Sample : N5497-02 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-08

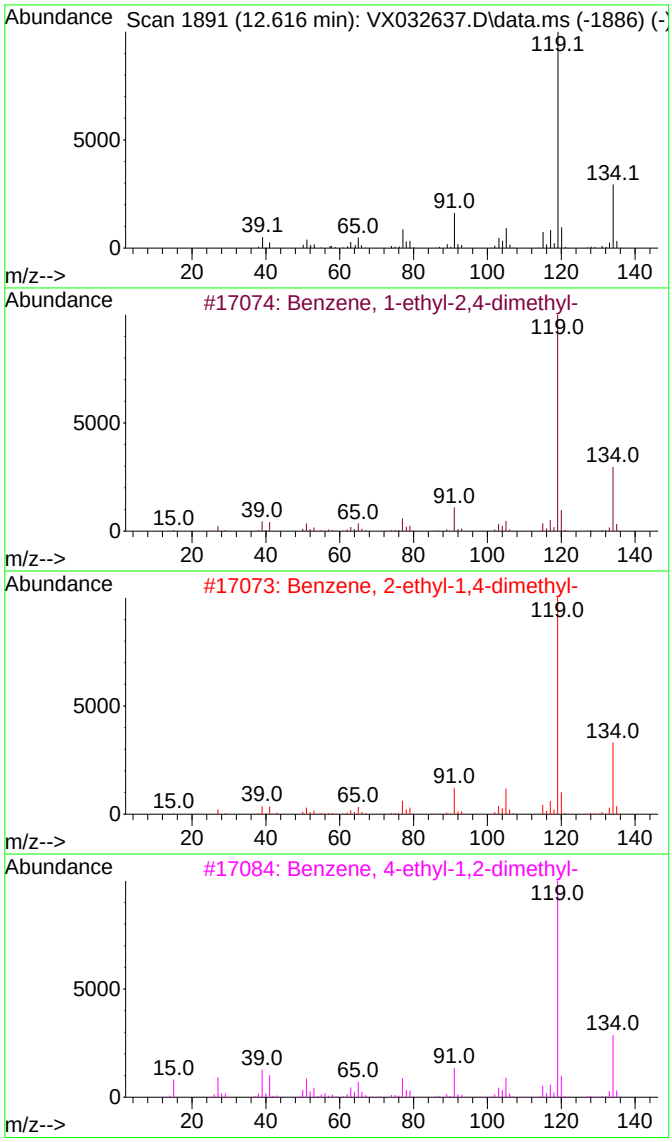
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260

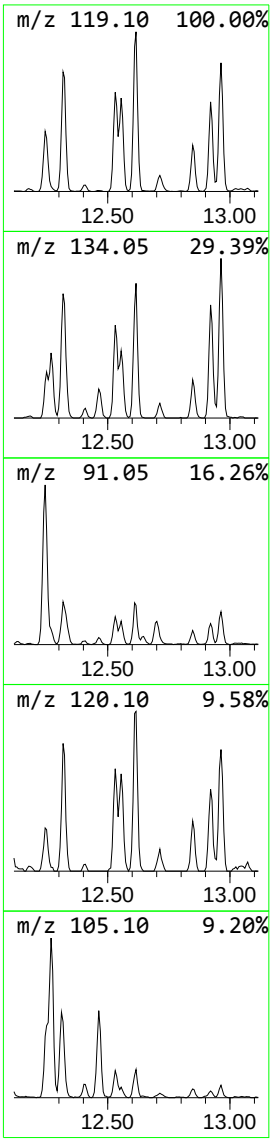
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.616	14.43 ug/l	162346	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	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	o-Cymene	134	C10H14	000527-84-4	95





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Data File : VX032637.D
Acq On : 07 Nov 2022 19:08
Operator : JC/MD
Sample : N5497-02 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-08

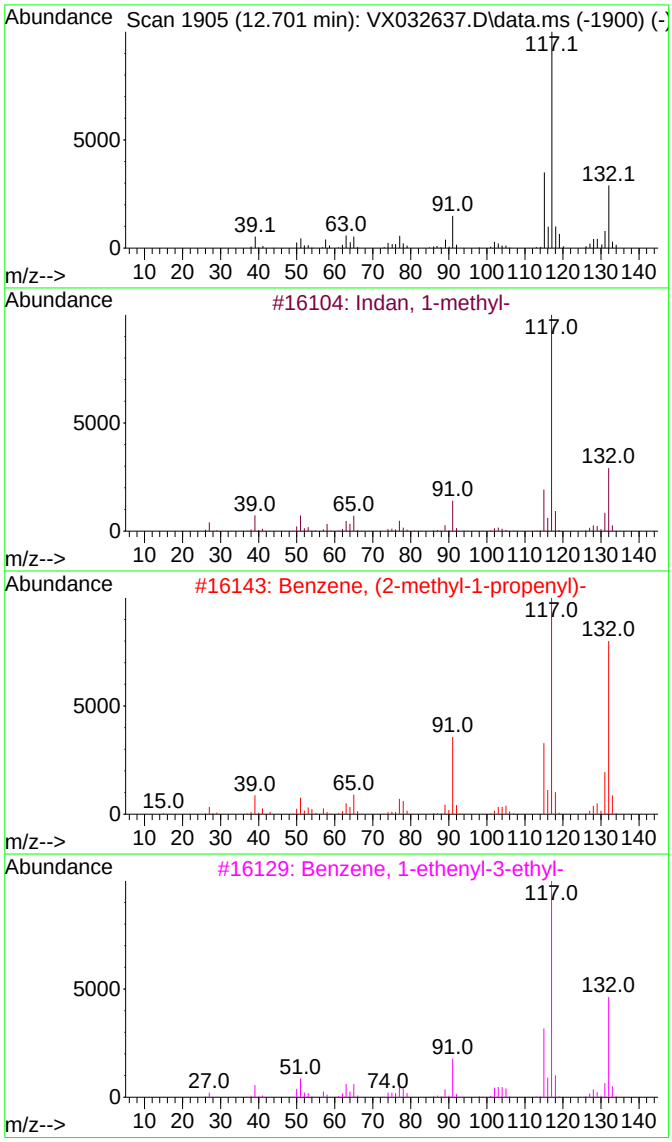
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260

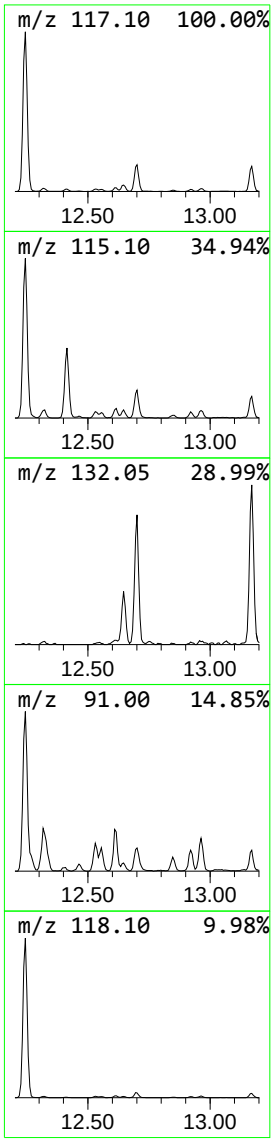
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Indan, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.701	12.08 ug/l	135943	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, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	86
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	83





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ClientSampleId :
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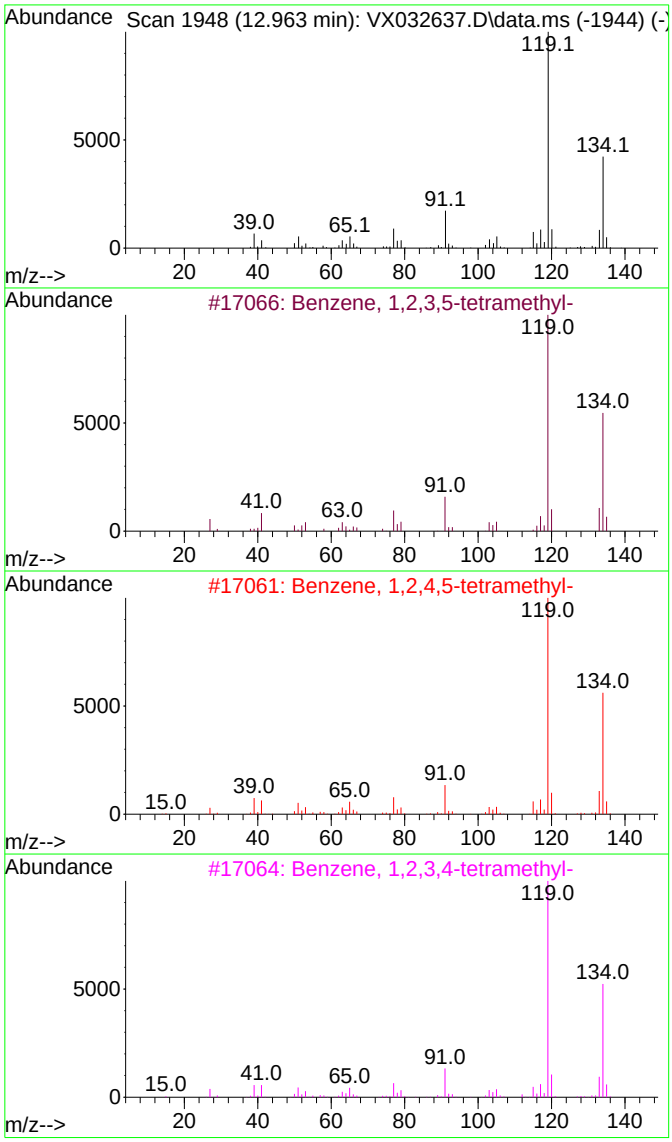
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260

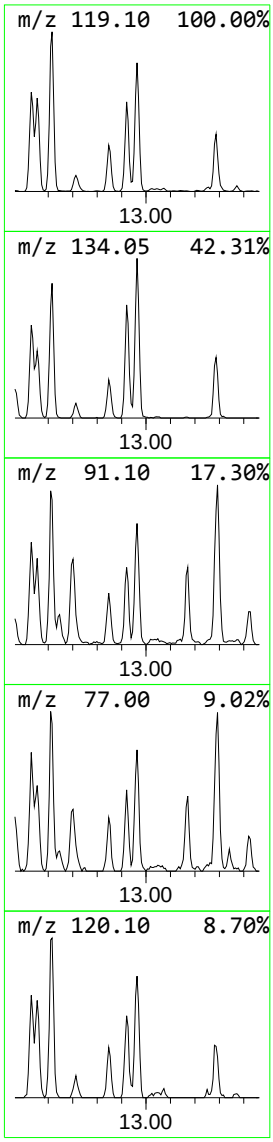
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.963	12.31 ug/l	138485	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5	p-Cymene	134	C10H14	000099-87-6	94





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Data File : VX032637.D
Acq On : 07 Nov 2022 19:08
Operator : JC/MD
Sample : N5497-02 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-08

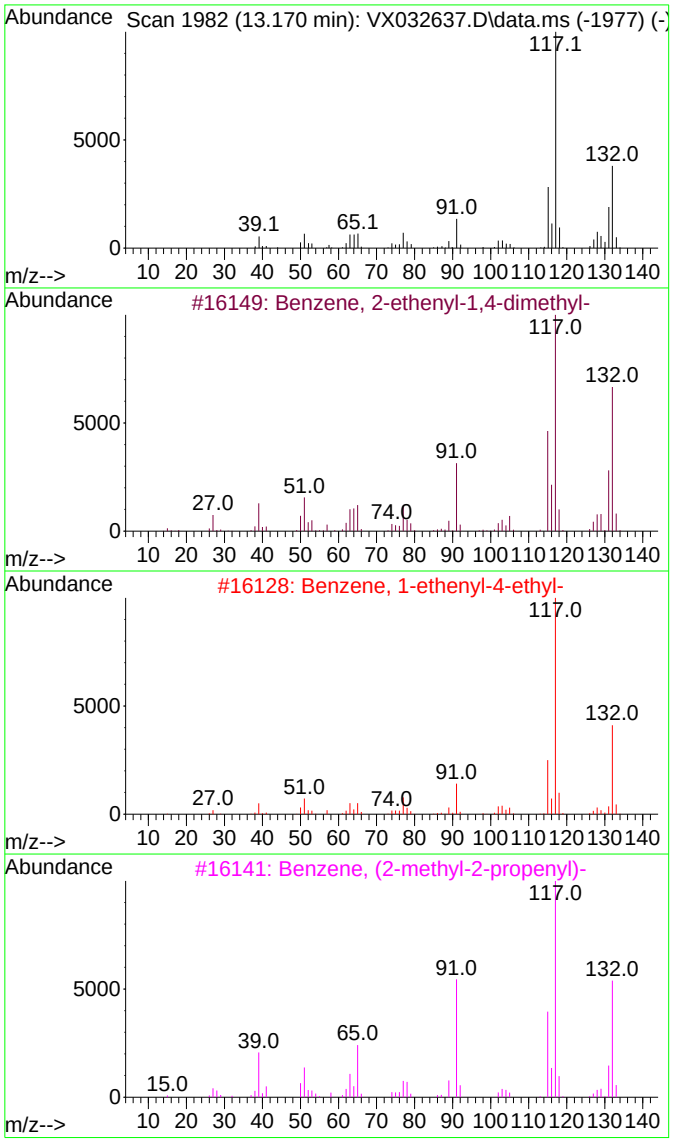
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260

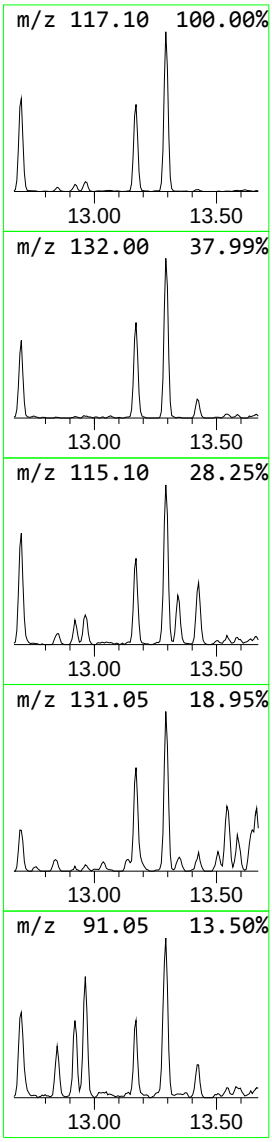
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.170	10.72 ug/l	120672	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	96
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	91
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110722\
Data File : VX032637.D
Acq On : 07 Nov 2022 19:08
Operator : JC/MD
Sample : N5497-02 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-08

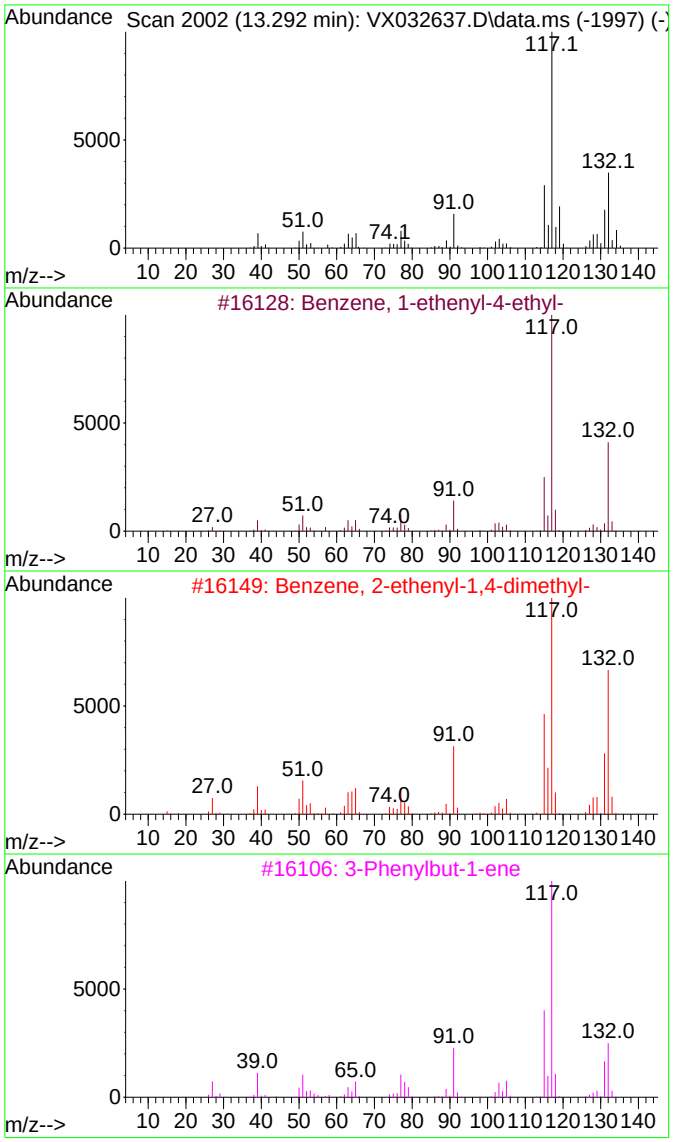
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260

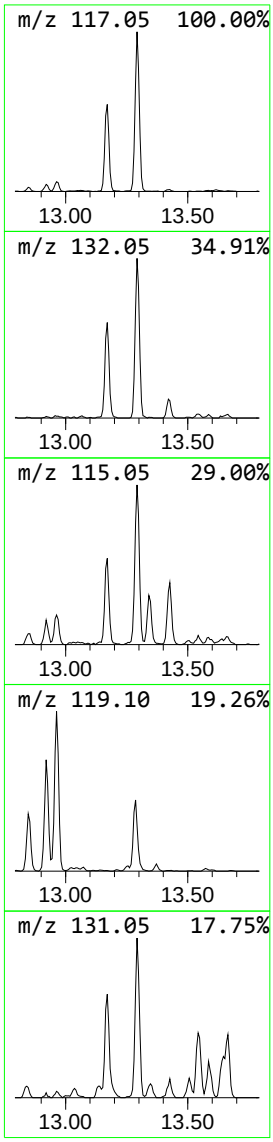
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	23.22 ug/l	261290	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	91
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
5	Indan, 1-methyl-	132	C10H12	000767-58-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110722\
Data File : VX032637.D
Acq On : 07 Nov 2022 19:08
Operator : JC/MD
Sample : N5497-02 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-08

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.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	160.5	ug/l	1806070	4	12.024	562587	50.0
Benzene, 1-ethy...	11.616	56.7	ug/l	637575	4	12.024	562587	50.0
Benzene, 1,2,3-...	12.085	68.6	ug/l	772168	4	12.024	562587	50.0
Indane	12.244	75.6	ug/l	850973	4	12.024	562587	50.0
Indene	12.414	10.4	ug/l	116869	4	12.024	562587	50.0
Benzene, 1-ethy...	12.616	14.4	ug/l	162346	4	12.024	562587	50.0
Indan, 1-methyl-	12.701	12.1	ug/l	135943	4	12.024	562587	50.0
Benzene, 1,2,3,...	12.963	12.3	ug/l	138485	4	12.024	562587	50.0
Benzene, 2-ethe...	13.170	10.7	ug/l	120672	4	12.024	562587	50.0
Benzene, 1-ethe...	13.292	23.2	ug/l	261290	4	12.024	562587	50.0