LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083123\
Data File : VX037452.D
Acq On : 31 Aug 2023 23:57
Operator : JC/MD
Sample : 04232-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
50088

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\82X081723W.M
Title : SW846 8260

Signal : TIC: VX037452.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.447	55	59	72	rBV	1993352	2595210	3.04%	0.628%
2	2.239	153	189	192	rBV	7453570	64521745	75.46%	15.607%
3	4.715	584	595	618	rVB	462507	1379699	1.61%	0.334%
4	6.037	802	812	824	rVB	5027092	13643623	15.96%	3.300%
5	7.238	1003	1009	1021	rVV	511123	1010091	1.18%	0.244%
6	7.379	1021	1032	1041	rVB	412595	999119	1.17%	0.242%
7	8.756	1246	1258	1264	rVV	25176470	85502880	100.00%	20.682%
8	9.525	1375	1384	1389	rBV	1957481	3041412	3.56%	0.736%
9	10.201	1485	1495	1501	rBV	17426461	27146779	31.75%	6.566%
10	10.323	1505	1515	1520	rBV	28112457	63074163	73.77%	15.257%
11	10.659	1562	1570	1575	rVV	23298904	40246266	47.07%	9.735%
12	10.963	1613	1620	1625	rBV	1850262	2359544	2.76%	0.571%
13	11.305	1668	1676	1683	rBV	3077396	3746822	4.38%	0.906%
14	11.384	1683	1689	1696	rVV	11262718	20043660	23.44%	4.848%
15	11.451	1696	1700	1710	rVB	5145016	6744893	7.89%	1.631%
16	11.616	1721	1727	1734	rBV	5874191	7469872	8.74%	1.807%
17	11.756	1745	1750	1755	rVB	17085730	23518173	27.51%	5.689%
18	12.024	1789	1794	1799	rVB2	571817	864503	1.01%	0.209%
19	12.091	1799	1805	1810	rBV	7038160	9003963	10.53%	2.178%
20	12.244	1823	1830	1838	rBV2	6216923	8953567	10.47%	2.166%
21	12.317	1838	1842	1848	rVV3	1712332	2481463	2.90%	0.600%
22	12.420	1852	1859	1862	rVV3	540179	955714	1.12%	0.231%
23	12.530	1872	1877	1879	rBV	1143963	1422682	1.66%	0.344%
24	12.555	1879	1881	1885	rVV	970507	1041762	1.22%	0.252%
25	12.609	1885	1890	1894	rVV	1440319	1981311	2.32%	0.479%
26	12.701	1900	1905	1913	rBV2	1162600	1850161	2.16%	0.448%
27	12.920	1937	1941	1944	rVV	863583	1024527	1.20%	0.248%
28	12.963	1944	1948	1954	rVB	1415641	1842924	2.16%	0.446%
29	13.164	1977	1981	1986	rVB	1313880	1645827	1.92%	0.398%
30	13.292	1992	2002	2007	rBV2	2849044	4423002	5.17%	1.070%
31	13.420	2019	2023	2032	rVB	1688247	2103716	2.46%	0.509%
32	13.774	2076	2081	2087	rVB	3268460	4058035	4.75%	0.982%
33	14.225	2149	2155	2160	rVB	796651	1258499	1.47%	0.304%
34	14.633	2215	2222	2226	rBV2	870422	1463939	1.71%	0.354%

Sum of corrected areas: 413419546

Instrument :
MSVOA_X
ClientSampleId :
50088

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ALS Vial : 27 Sample Multiplier: 1

Instrument :
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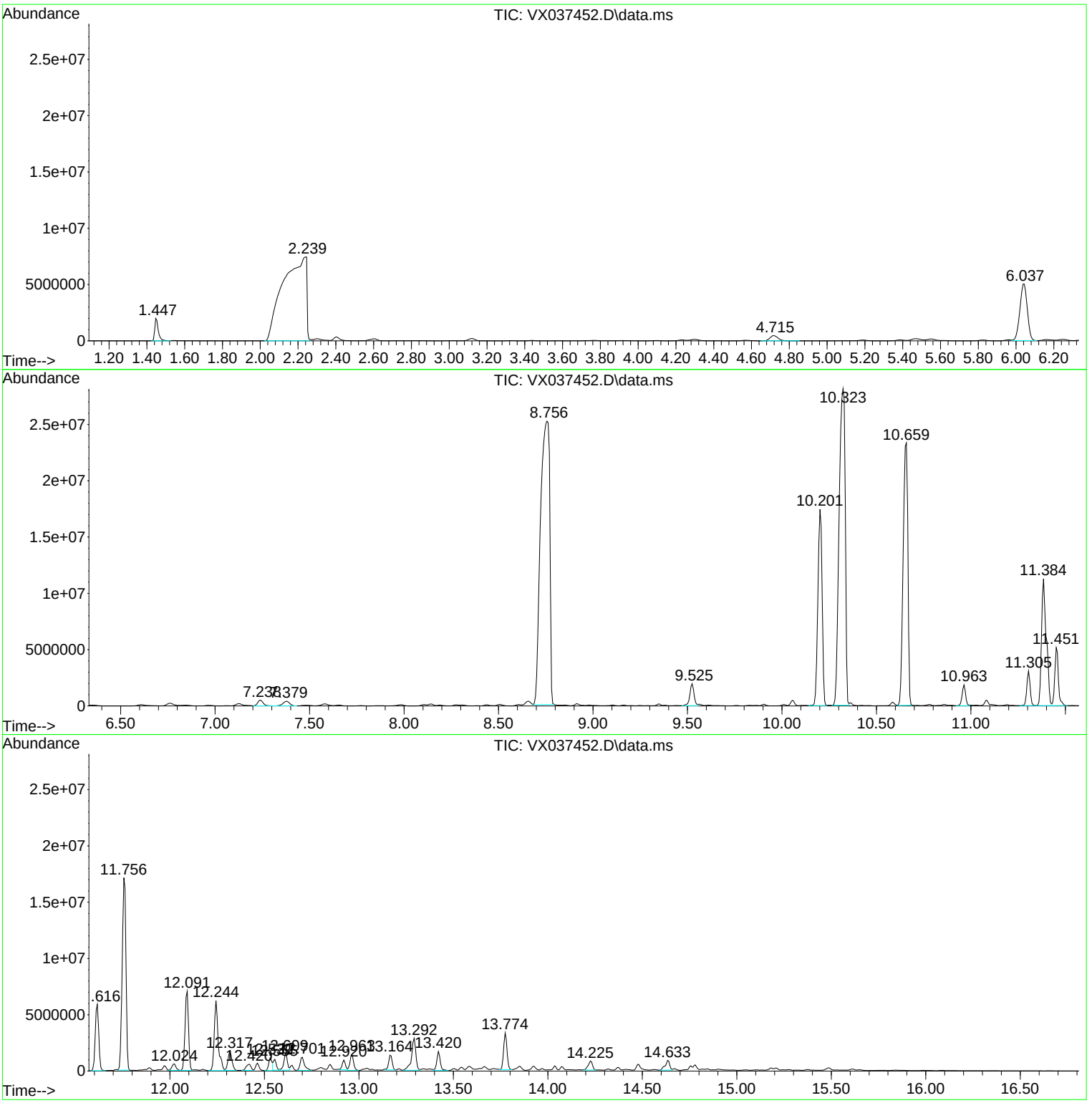
ClientSampleId :
50088

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260

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



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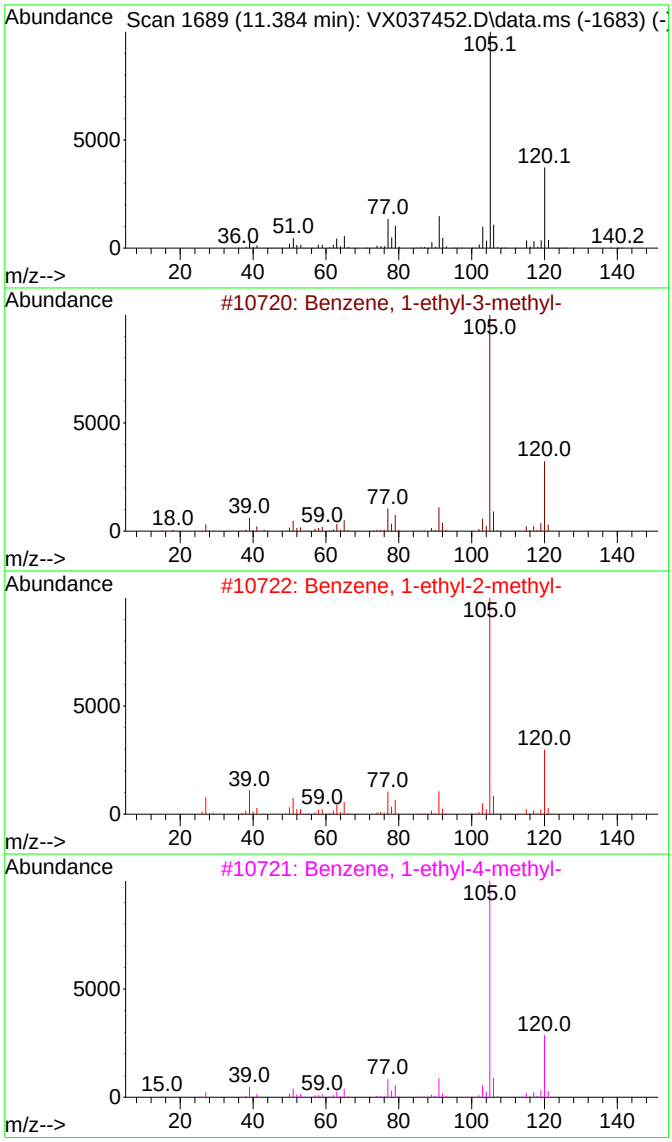
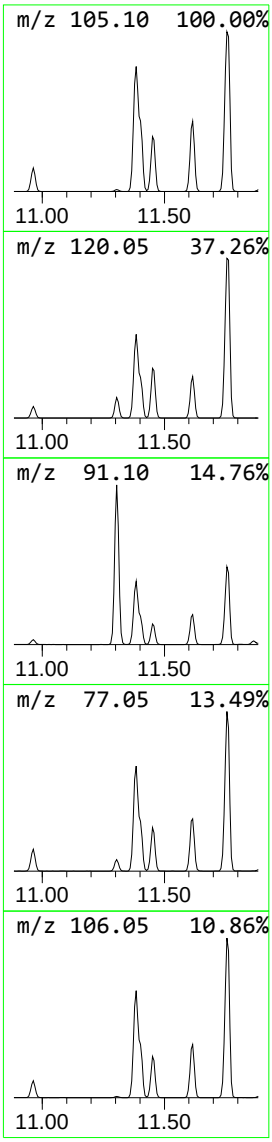
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.384	1159.26 ug/l	20043700	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	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90





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ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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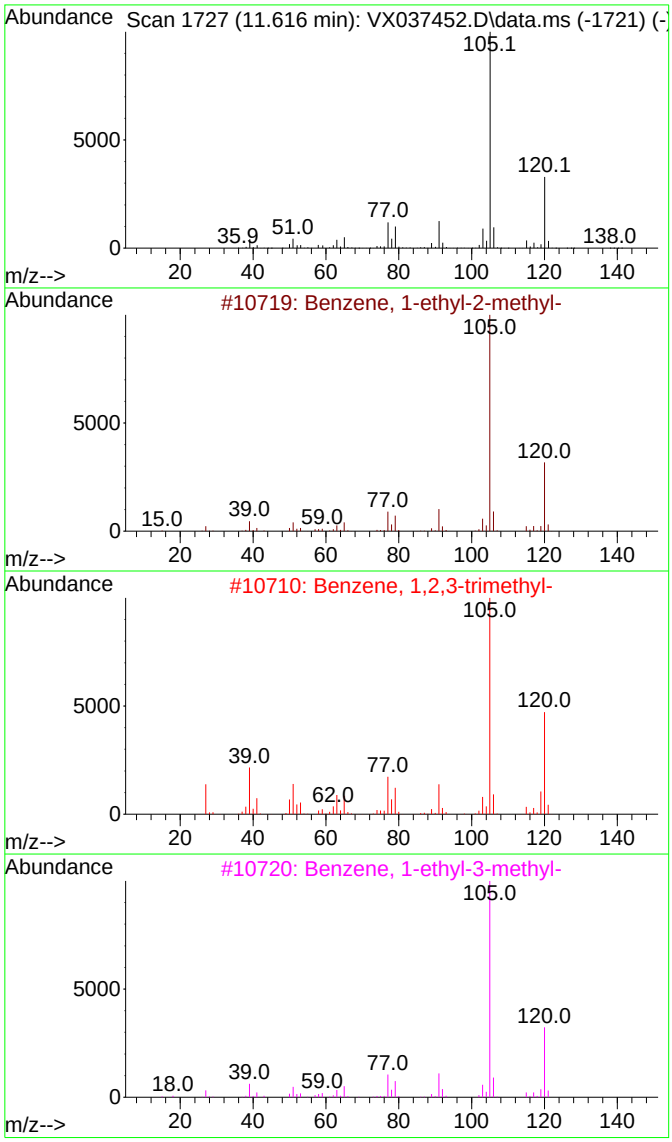
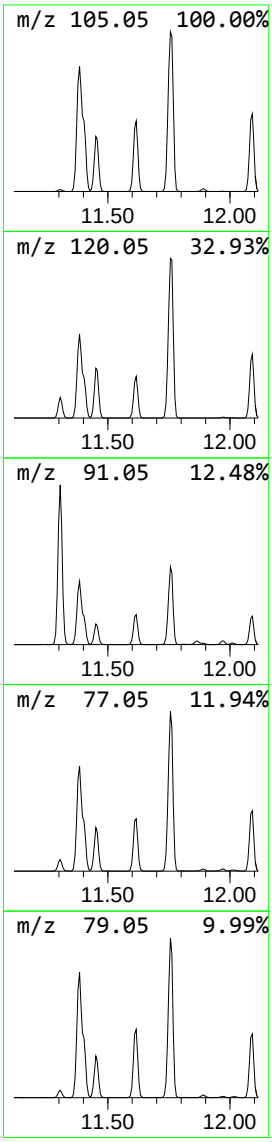
****
Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.616	432.03 ug/l	7469870	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	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
50088

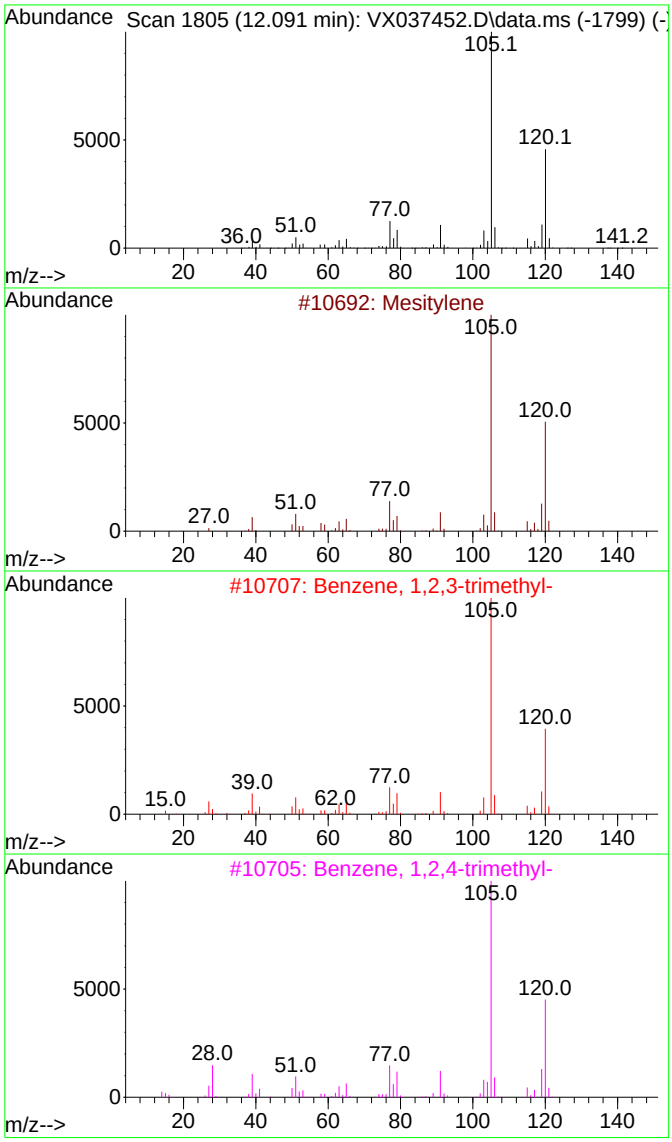
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260

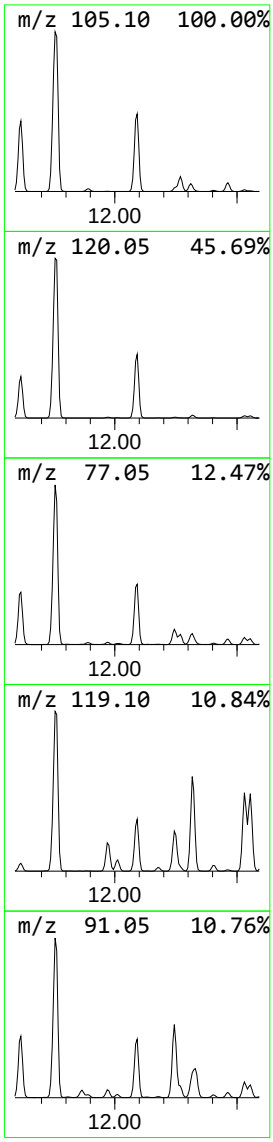
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.091	520.76 ug/l	9003960	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	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





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Operator : JC/MD
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ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
50088

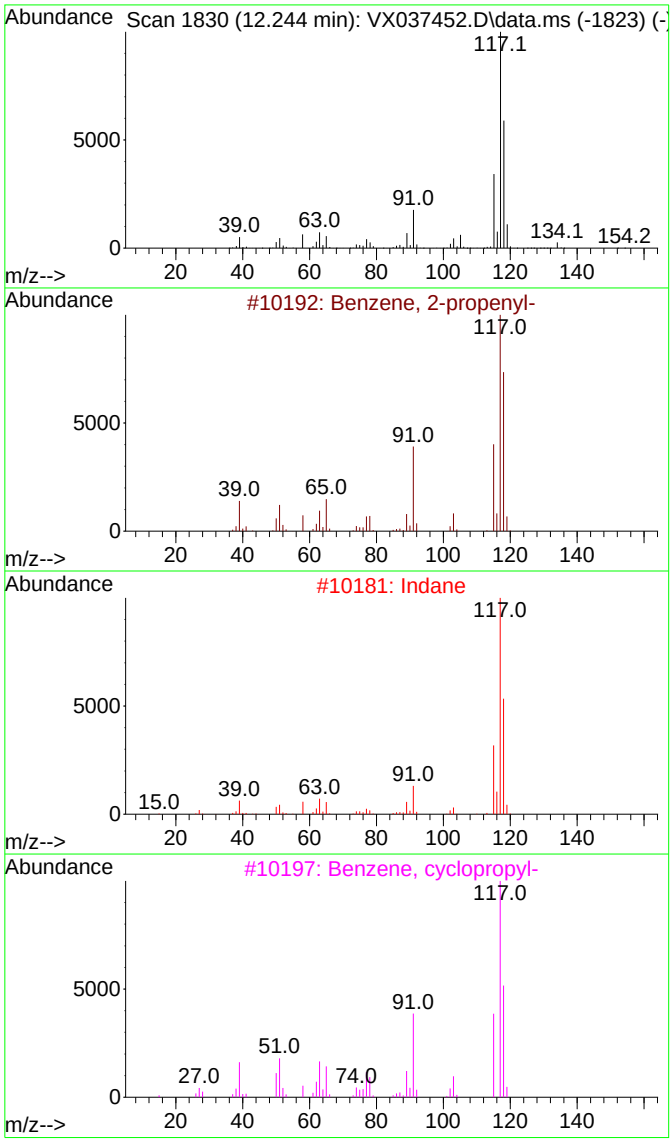
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260

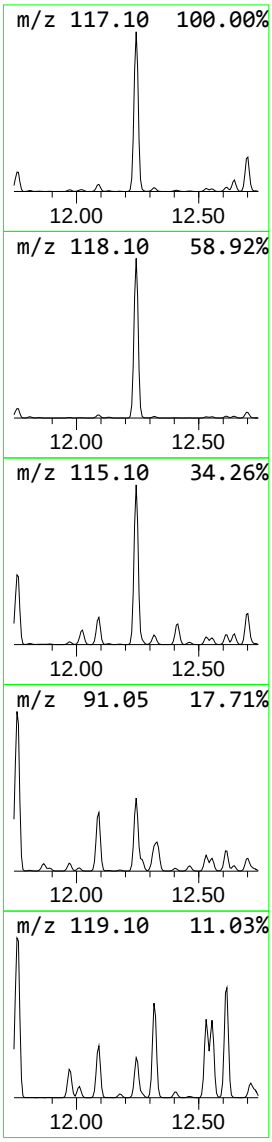
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 2-propenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	517.85 ug/l	8953570	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	64





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ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
50088

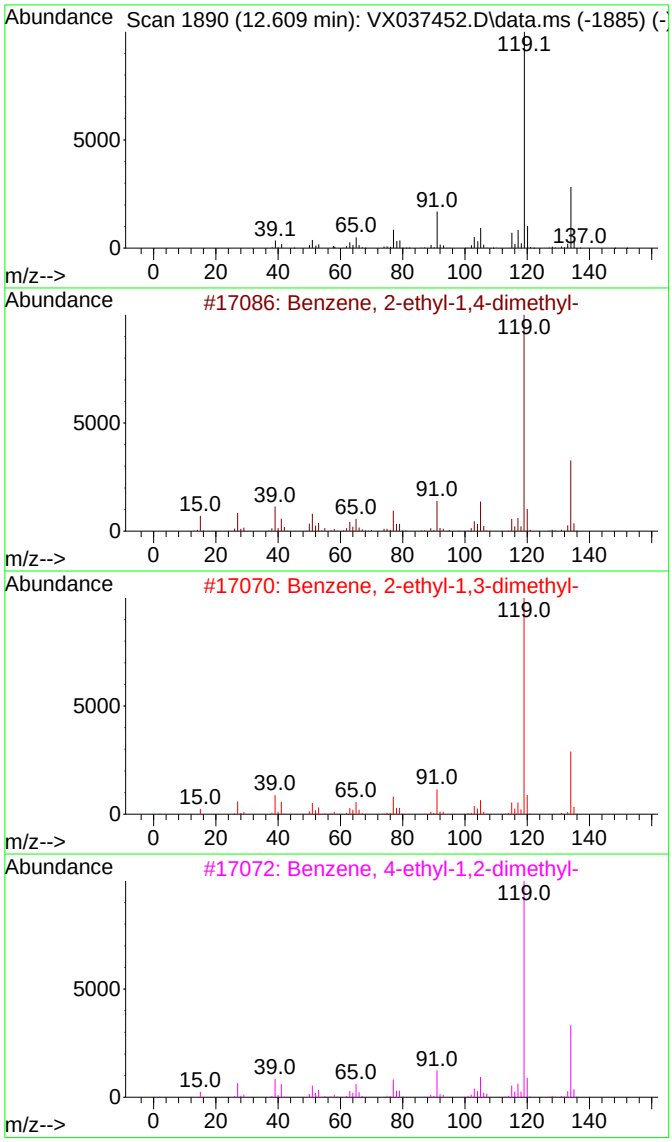
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260

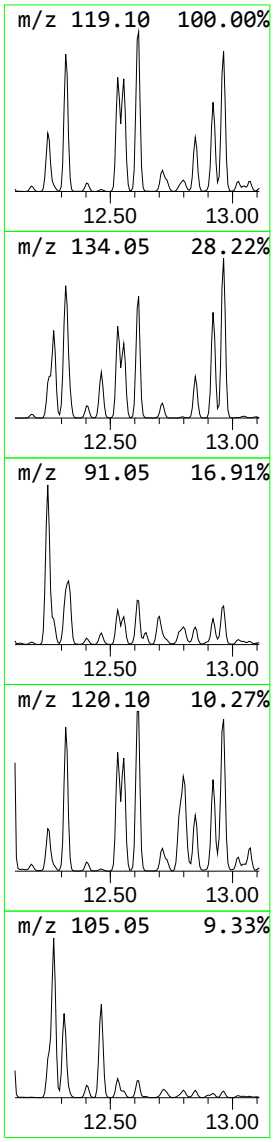
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.610	114.59 ug/l	1981310	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





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ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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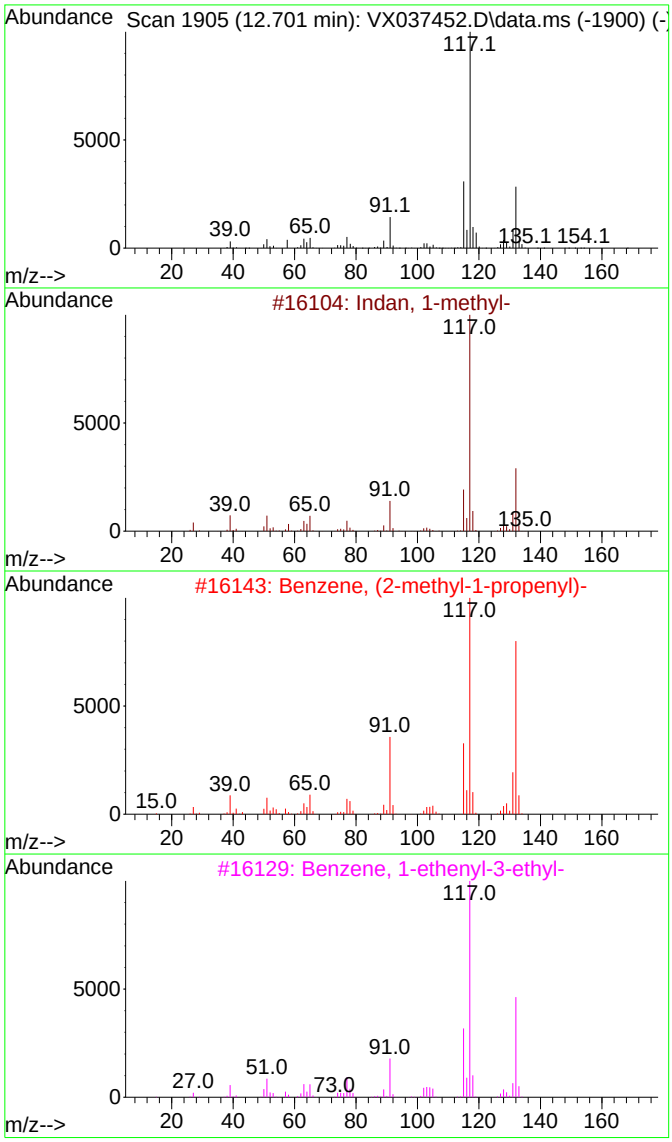
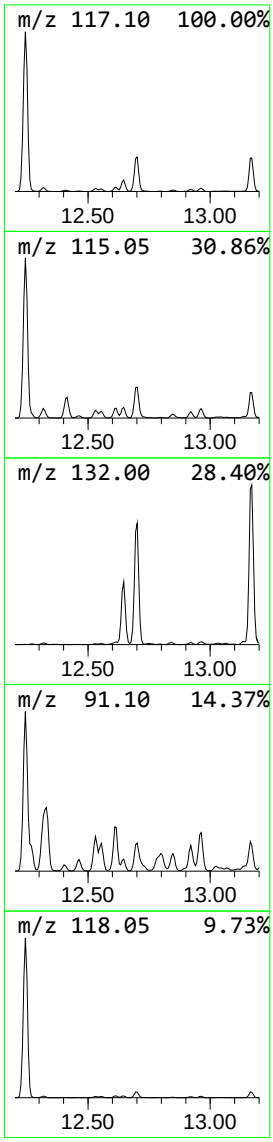
****
Peak Number 6 Indan, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.701	107.01 ug/l	1850160	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	90
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	83





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ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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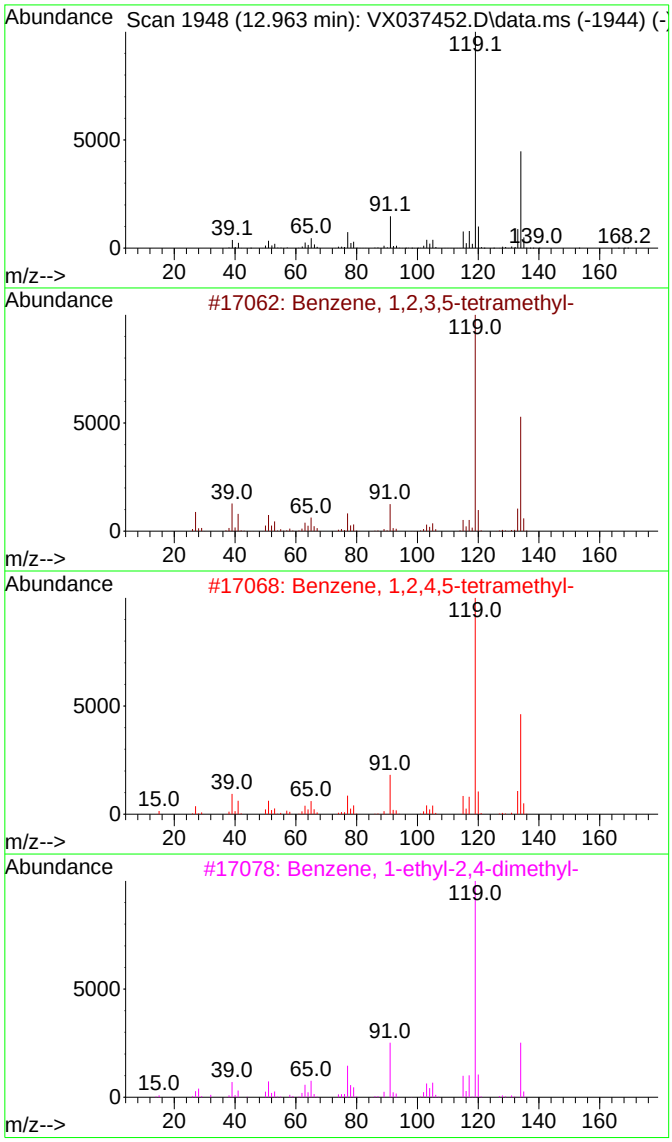
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260

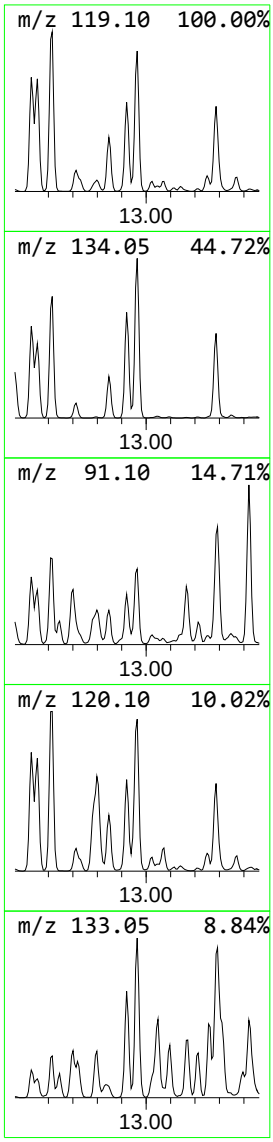
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.963	106.59 ug/l	1842920	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	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





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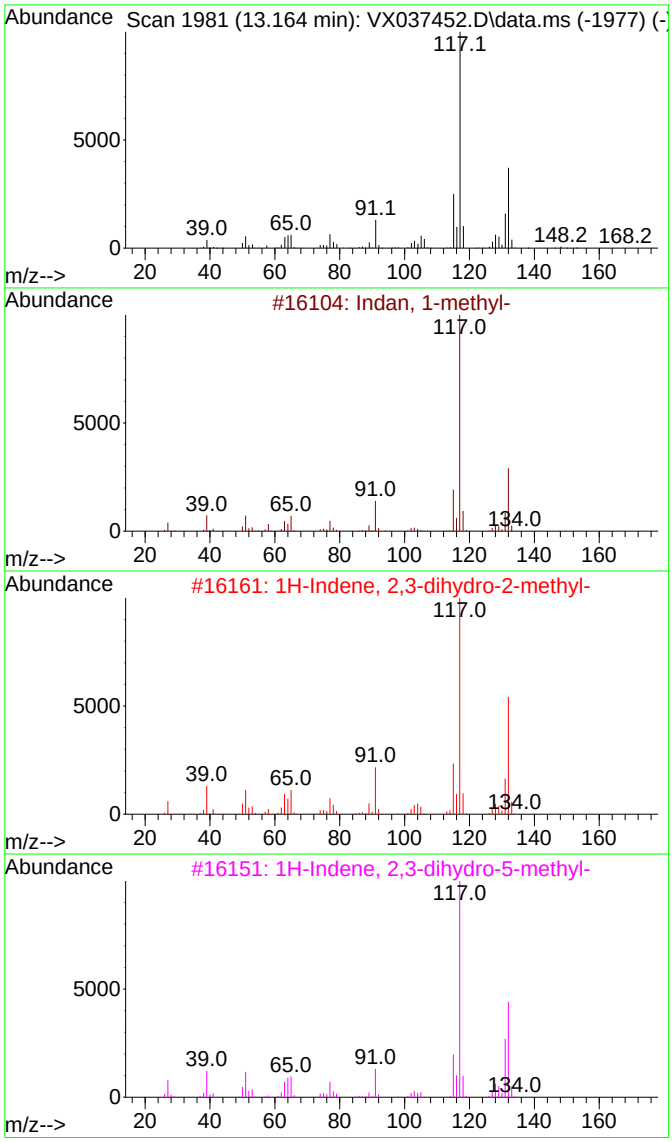
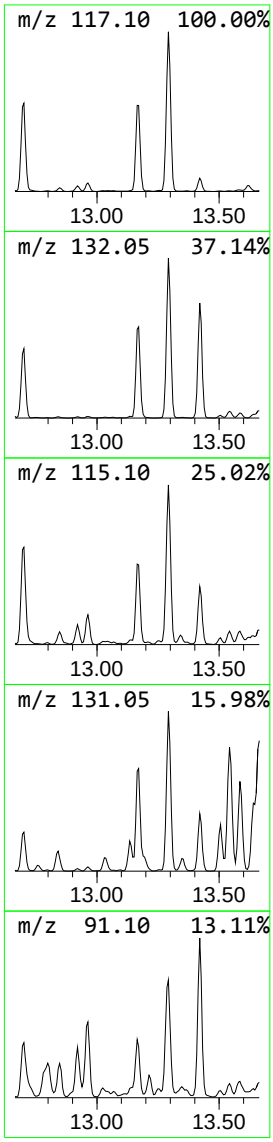
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Indene, 2,3-dihydro-2-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	95.19 ug/l	1645830	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	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	91
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91





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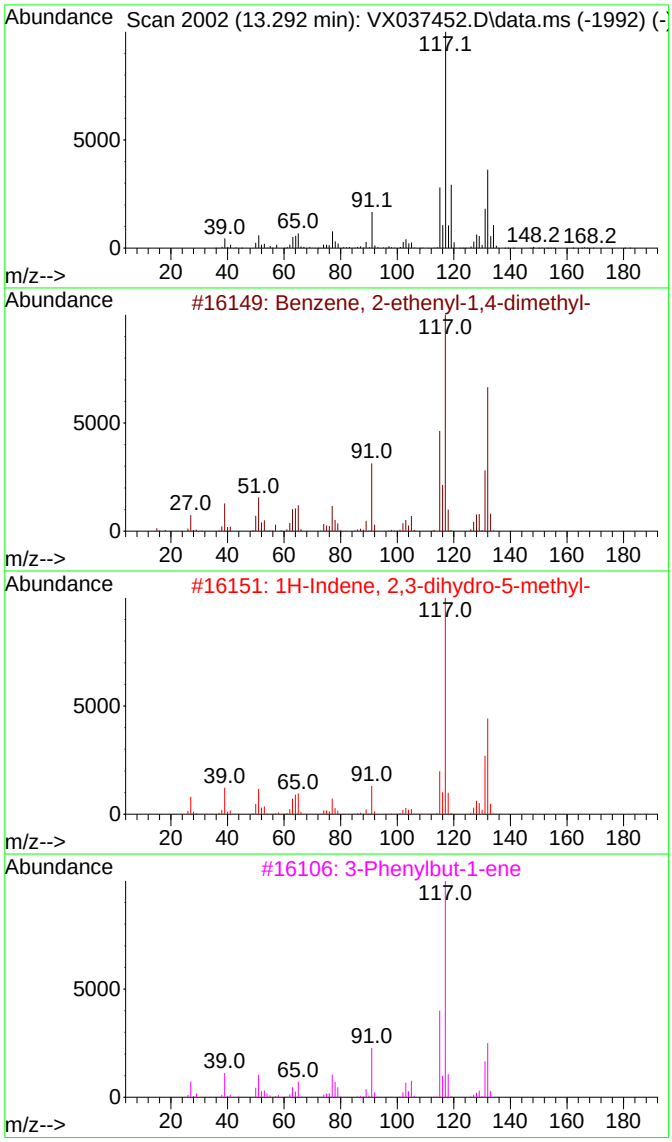
Quant Title : SW846 8260

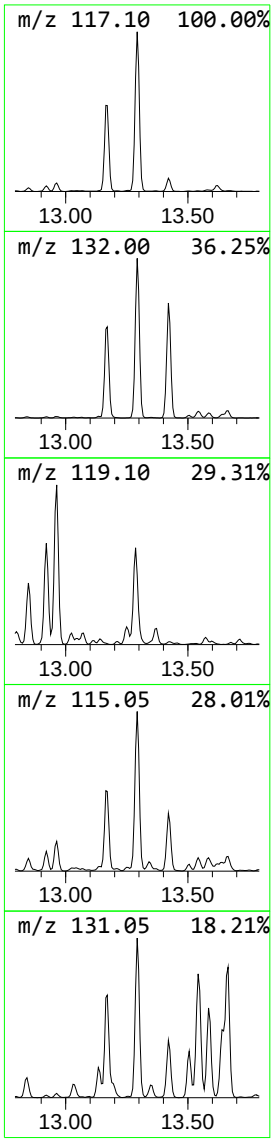
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	255.81 ug/l	4423000	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	90
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	89
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083123\
Data File : VX037452.D
Acq On : 31 Aug 2023 23:57
Operator : JC/MD
Sample : 04232-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
50088

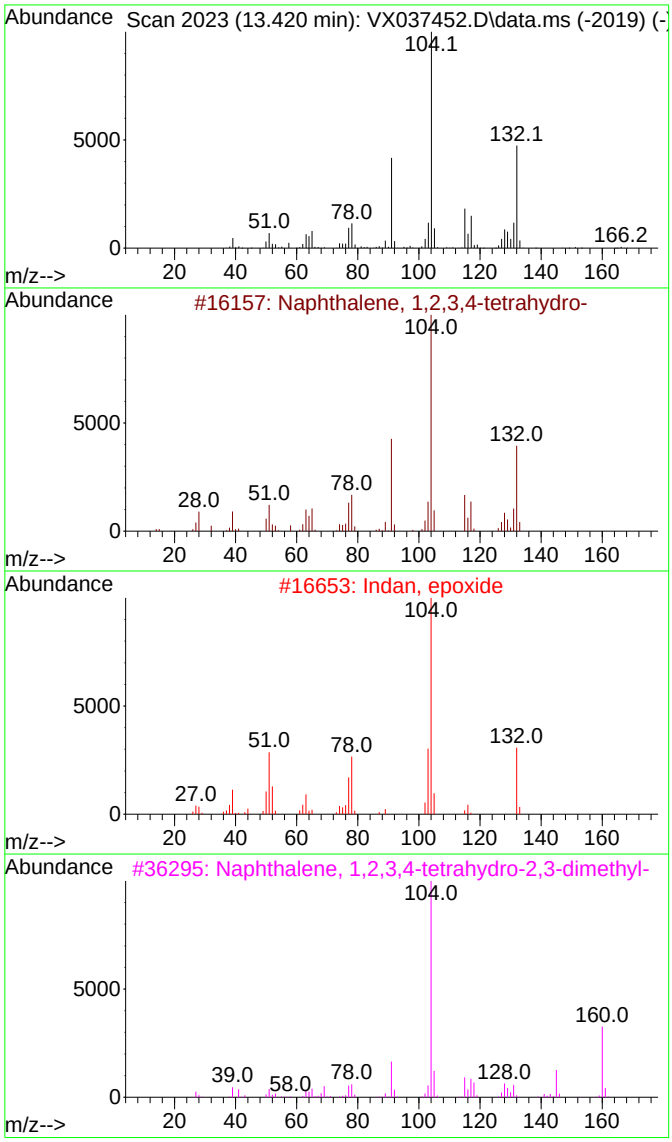
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260

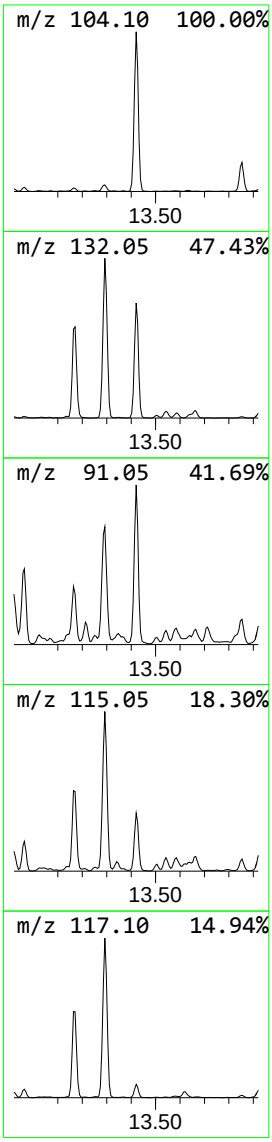
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.420	121.67 ug/l	2103720	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	93
2	Indan, epoxide	132	C9H8O	000768-22-9	50
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-92-1	38
4	2-Furanone, 4-phenyltetrahydro	162	C10H10O2	1000197-38-4	38
5	Acetic acid, 2-phenylethyl ester	164	C10H12O2	000103-45-7	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083123\
Data File : VX037452.D
Acq On : 31 Aug 2023 23:57
Operator : JC/MD
Sample : 04232-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
50088

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.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	1159.3	ug/l	20043700	4	12.024	864503	50.0
Benzene, 1-ethy...	11.616	432.0	ug/l	7469870	4	12.024	864503	50.0
Benzene, 1,2,3-...	12.091	520.8	ug/l	9003960	4	12.024	864503	50.0
Benzene, 2-prop...	12.244	517.9	ug/l	8953570	4	12.024	864503	50.0
Benzene, 2-ethy...	12.610	114.6	ug/l	1981310	4	12.024	864503	50.0
Indan, 1-methyl-	12.701	107.0	ug/l	1850160	4	12.024	864503	50.0
Benzene, 1,2,3,...	12.963	106.6	ug/l	1842920	4	12.024	864503	50.0
1H-Indene, 2,3-...	13.164	95.2	ug/l	1645830	4	12.024	864503	50.0
Benzene, 2-ethe...	13.292	255.8	ug/l	4423000	4	12.024	864503	50.0
Naphthalene, 1,...	13.420	121.7	ug/l	2103720	4	12.024	864503	50.0