

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031122\
 Data File : VX027397.D
 Acq On : 11 Mar 2022 13:21
 Operator : JC/MD
 Sample : N1895-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

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\82X030822W.M

Title : SW846 8260

Signal : TIC: VX027397.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.746	103	108	121	rVB	1248635	1764372	1.39%	0.285%
2	2.825	280	285	315	rVB	642253	1612647	1.27%	0.261%
3	6.763	924	931	938	rBV	546892	1343404	1.06%	0.217%
4	8.653	1235	1241	1246	rVB	1133966	1755565	1.39%	0.284%
5	8.726	1246	1253	1260	rBV	18107095	29597800	23.39%	4.783%
6	10.061	1461	1472	1477	rBV	1076891	1600967	1.27%	0.259%
7	10.208	1486	1496	1502	rBV2	36344806	64860953	51.26%	10.481%
8	10.329	1506	1516	1518	rBV3	50538510	126534750	100.00%	20.448%
9	10.671	1563	1572	1577	rVB2	49869982	111784477	88.34%	18.064%
10	10.964	1613	1620	1626	rBV	4837485	6293012	4.97%	1.017%
11	11.311	1669	1677	1683	rVB	6900748	8794083	6.95%	1.421%
12	11.390	1683	1690	1697	rBV	27710965	55128431	43.57%	8.909%
13	11.457	1697	1701	1706	rVB	16572850	20173385	15.94%	3.260%
14	11.616	1722	1727	1738	rVB	15221183	19854751	15.69%	3.209%
15	11.768	1745	1752	1756	rBV	38895994	60091475	47.49%	9.711%
16	12.024	1789	1794	1798	rVB2	1381835	1768639	1.40%	0.286%
17	12.091	1798	1805	1810	rBV	16876879	20986696	16.59%	3.391%
18	12.250	1825	1831	1838	rBV2	13802386	20667923	16.33%	3.340%
19	12.323	1838	1843	1850	rVB2	4496560	6544596	5.17%	1.058%
20	12.414	1852	1858	1862	rBV	1957145	2457509	1.94%	0.397%
21	12.463	1862	1866	1872	rVB	1142323	1393726	1.10%	0.225%
22	12.536	1872	1878	1880	rBV	2748374	3841970	3.04%	0.621%
23	12.555	1880	1881	1886	rVB	2319364	2190706	1.73%	0.354%
24	12.616	1886	1891	1895	rBV	4465197	5361626	4.24%	0.866%
25	12.701	1901	1905	1914	rBV2	1465002	2260795	1.79%	0.365%
26	12.853	1925	1930	1934	rVB	1075637	1360394	1.08%	0.220%
27	12.920	1934	1941	1945	rBV	2438413	3102081	2.45%	0.501%
28	12.963	1945	1948	1954	rVB	3659125	4359201	3.45%	0.704%
29	13.170	1978	1982	1986	rVB	2204576	2547129	2.01%	0.412%
30	13.292	1998	2002	2007	rVB2	4368030	5645491	4.46%	0.912%
31	13.780	2076	2082	2088	rBV	13271826	16966303	13.41%	2.742%
32	14.640	2218	2223	2233	rVB	3338811	3986179	3.15%	0.644%
33	14.780	2241	2246	2259	rVB	1750653	2183425	1.73%	0.353%

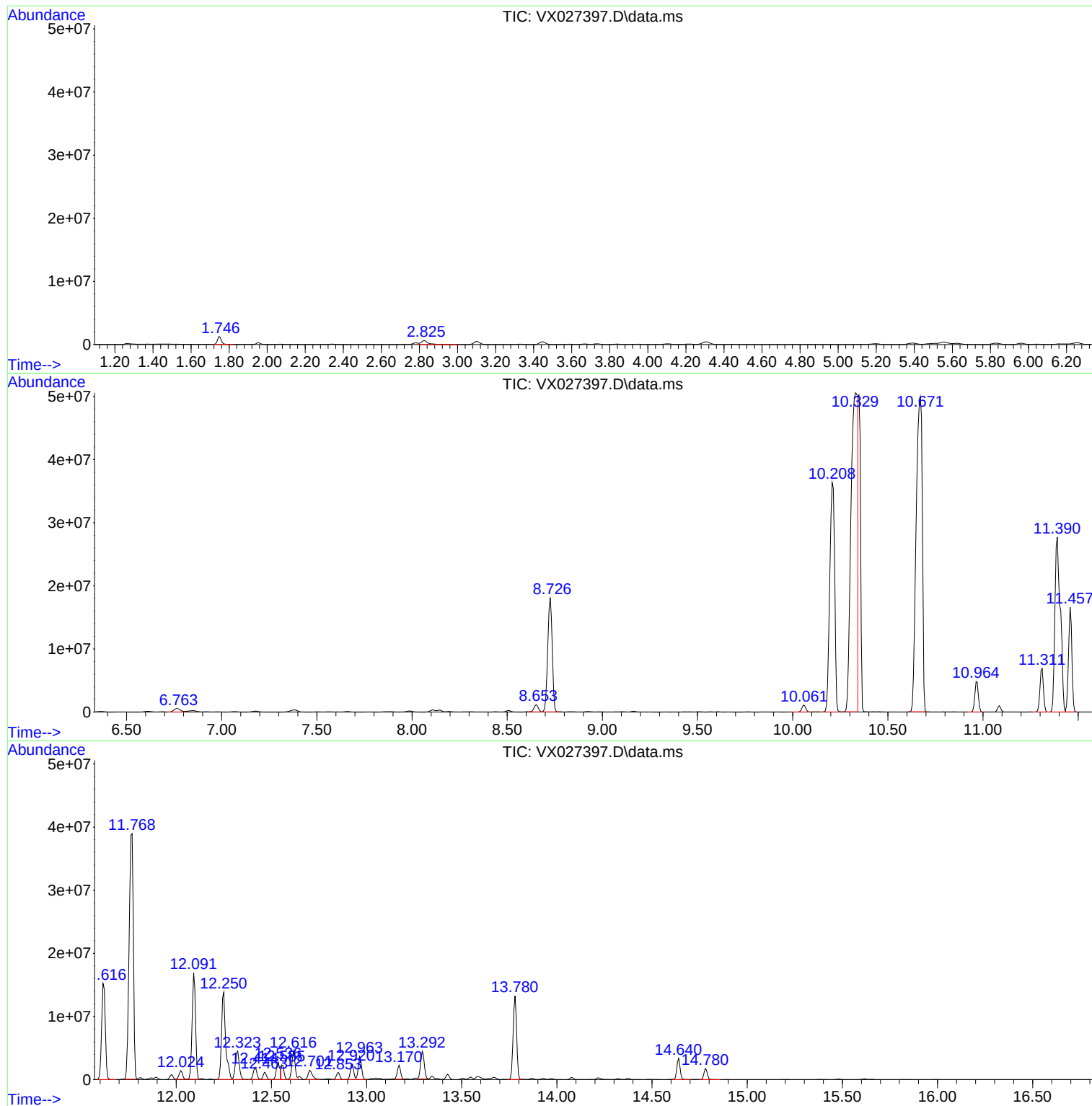
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260

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



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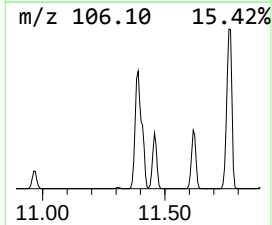
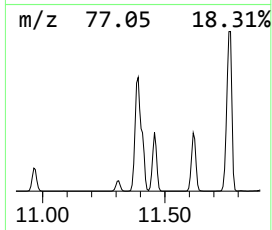
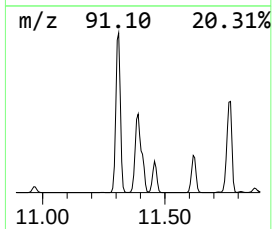
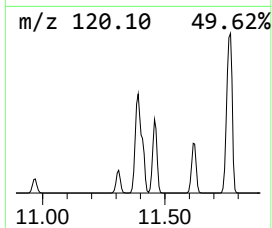
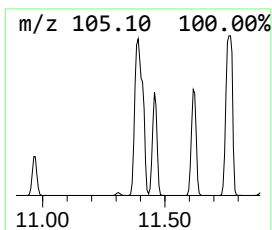
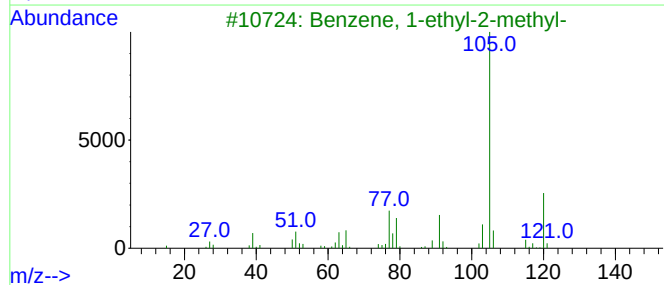
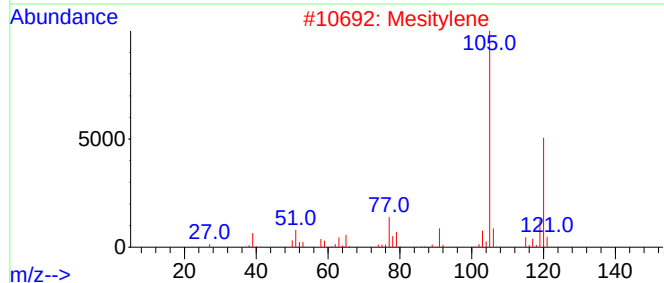
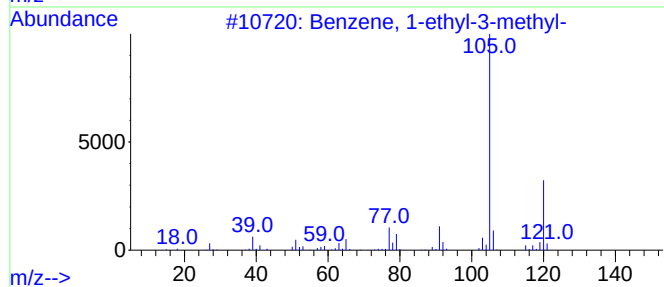
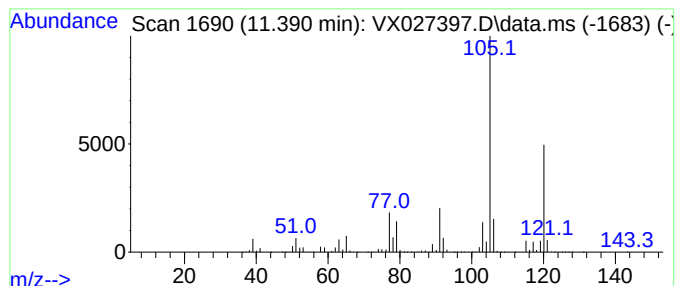
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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.
11.390	1558.50 ug/l	55128400	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	90
2			Mesitylene	120	C9H12	000108-67-8	90
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	83



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Instrument :
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ClientSampleId :
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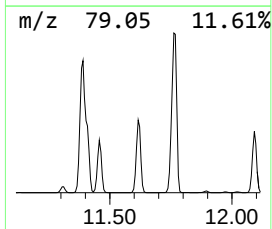
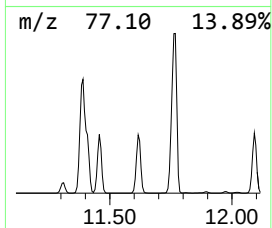
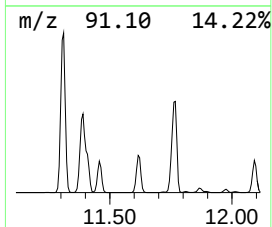
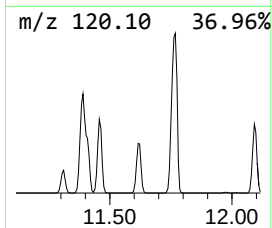
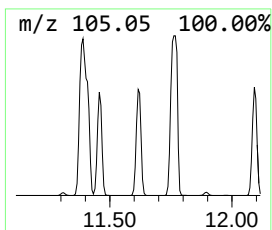
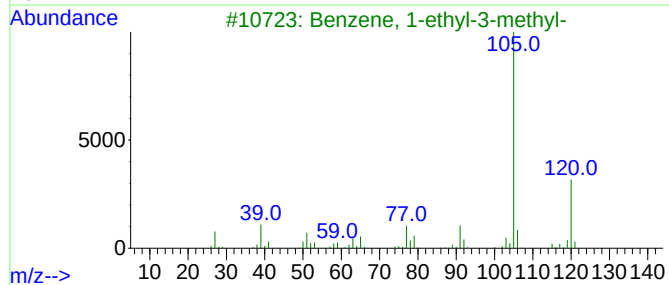
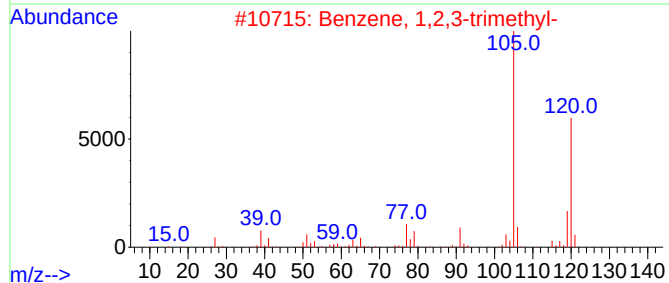
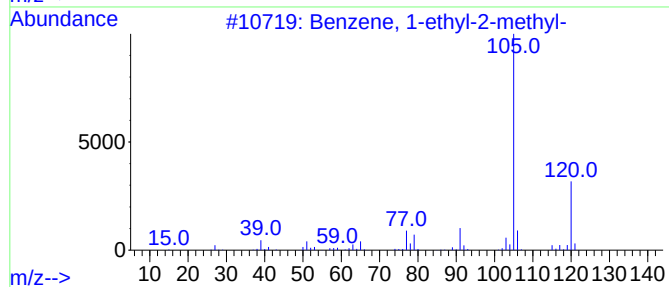
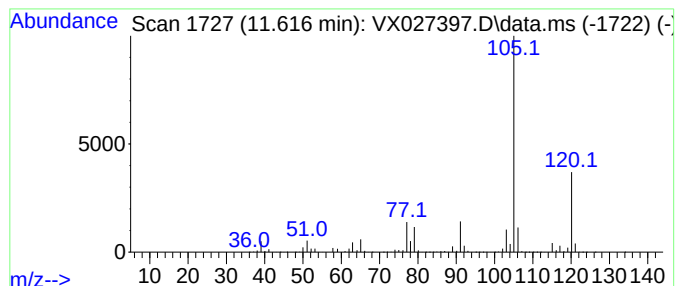
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.616	561.30 ug/l	19854800	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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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-3

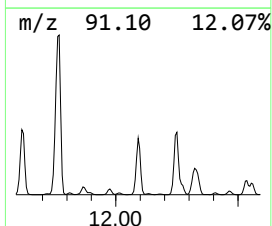
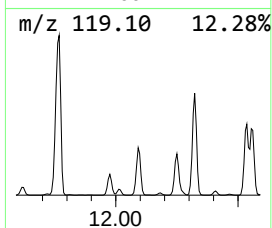
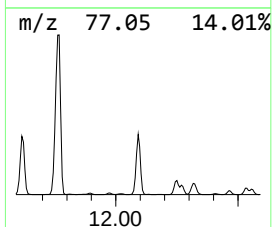
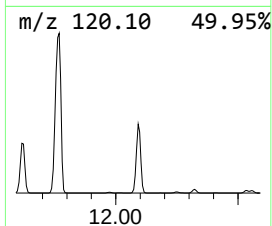
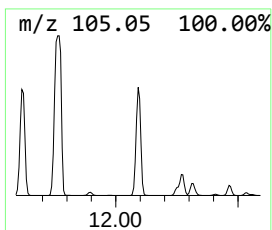
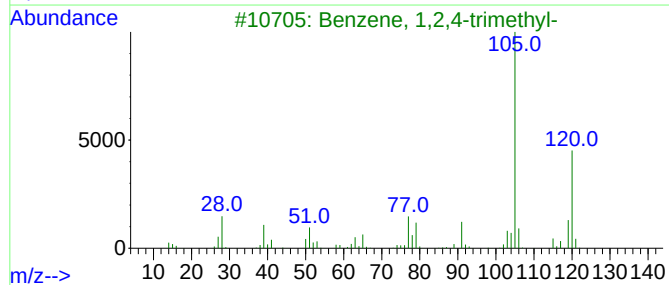
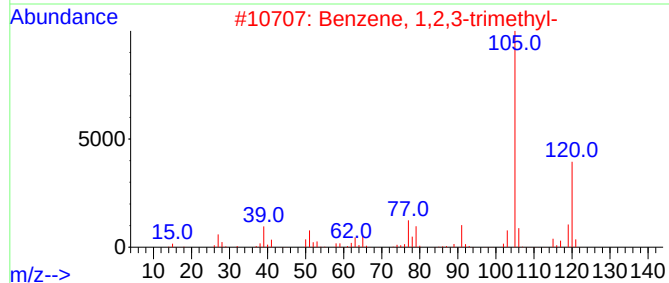
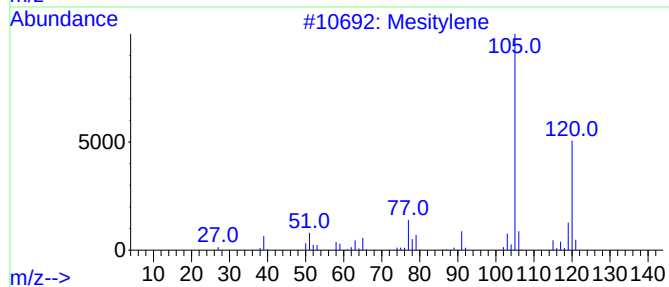
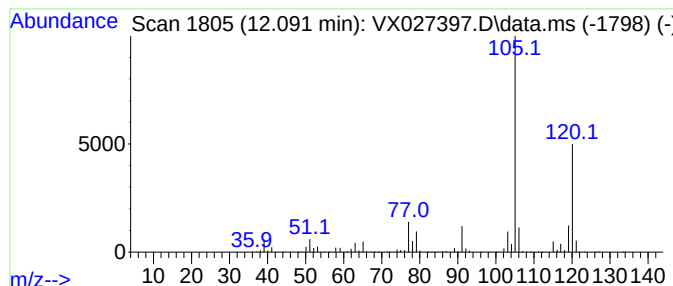
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260

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	593.30 ug/l	20986700	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	94
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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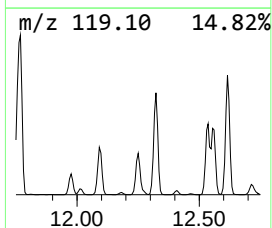
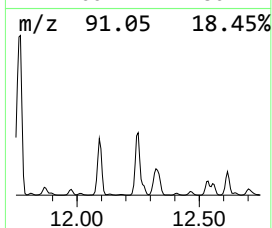
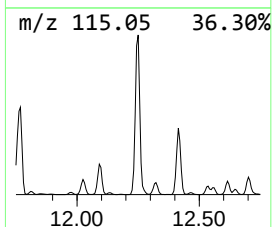
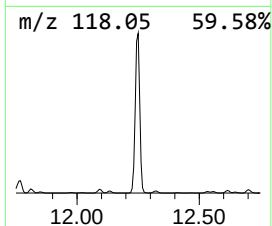
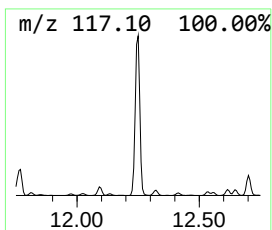
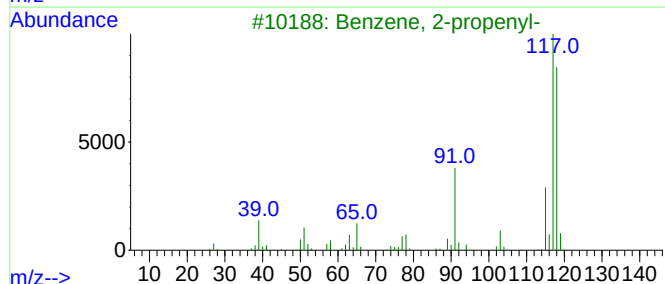
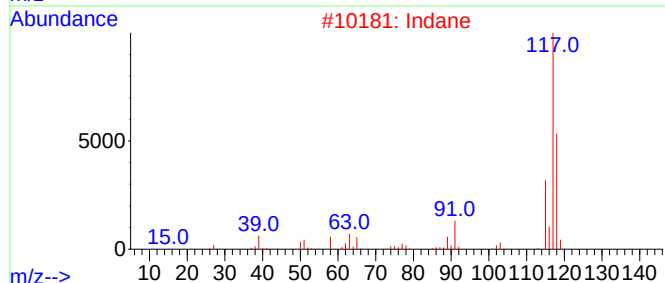
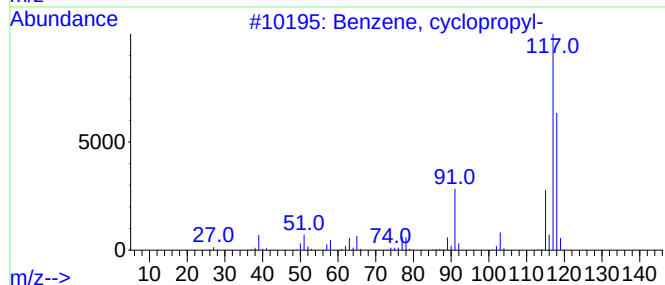
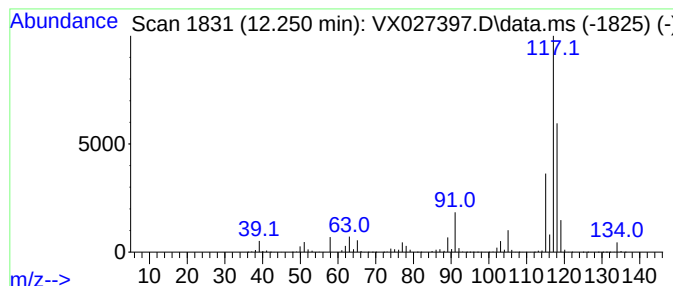
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Quant Title : SW846 8260

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

Peak Number 4 Benzene, cyclopropyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.250	584.29 ug/l	20667900	1,4-Dichlorobenzene-d4	12.024

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
2			Indane	118	C9H10	000496-11-7	76
3			Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
4			1,4:5,8-Dimethanobiphenylene, 1,...	184	C14H16	001624-13-1	72
5			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	55



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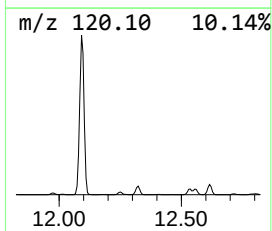
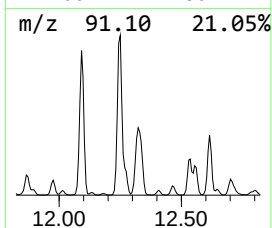
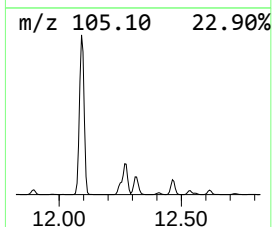
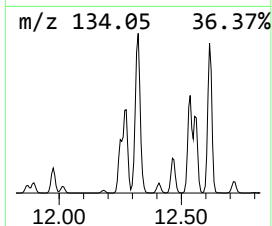
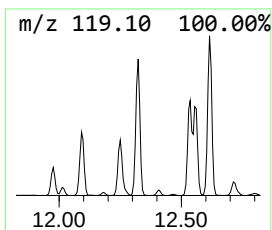
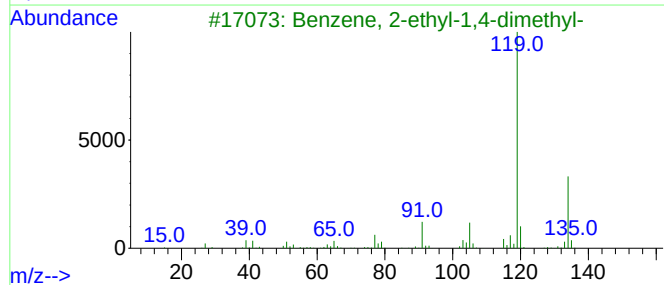
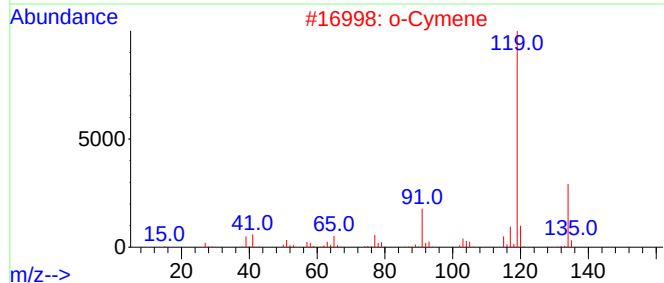
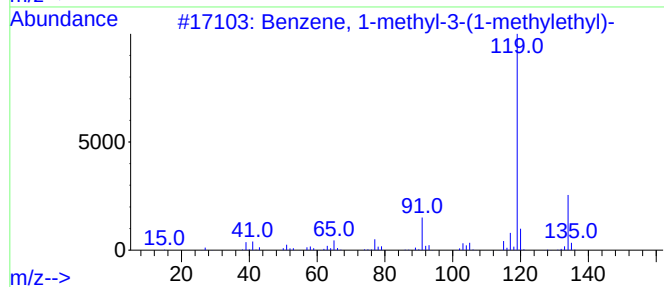
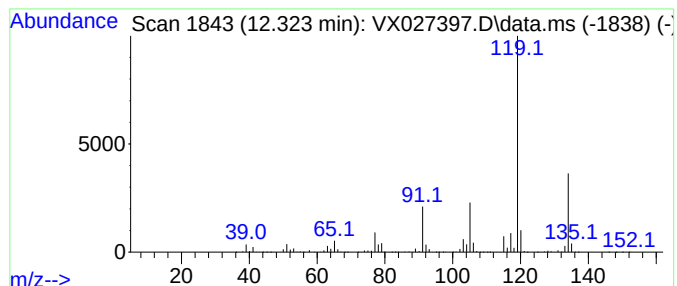
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1-methyl-3-(1-meth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.323	185.02 ug/l	6544600	1,4-Dichlorobenzene-d4	12.024

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2			o-Cymene	134	C10H14	000527-84-4	95
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90



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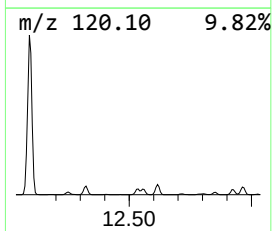
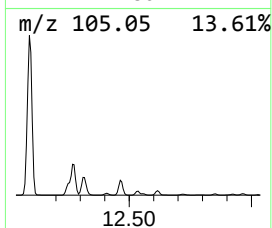
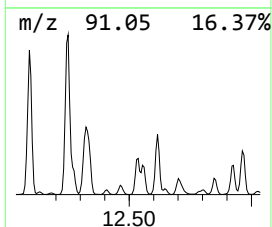
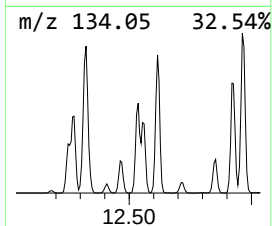
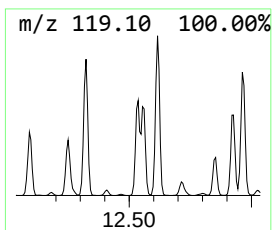
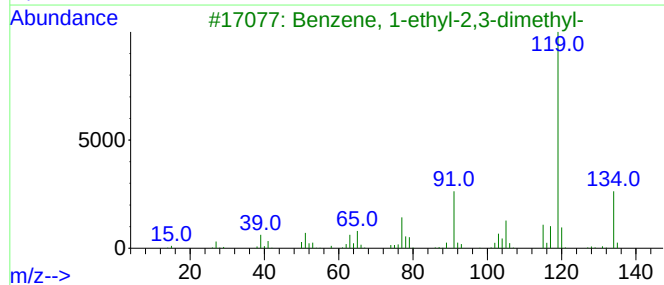
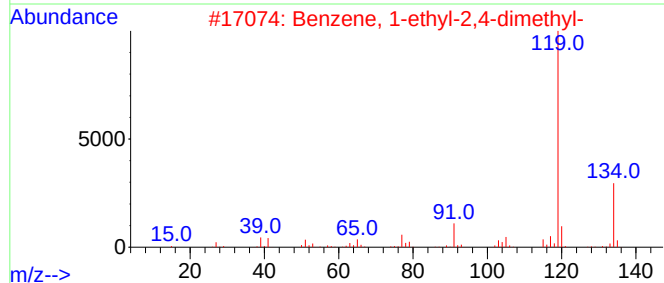
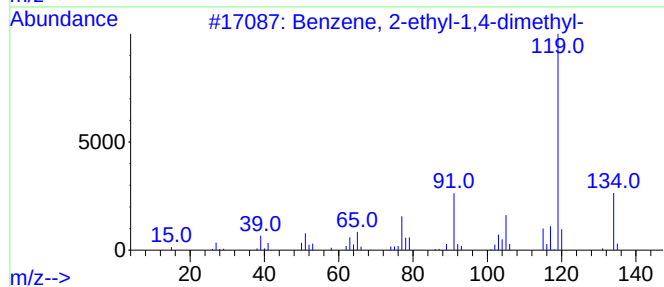
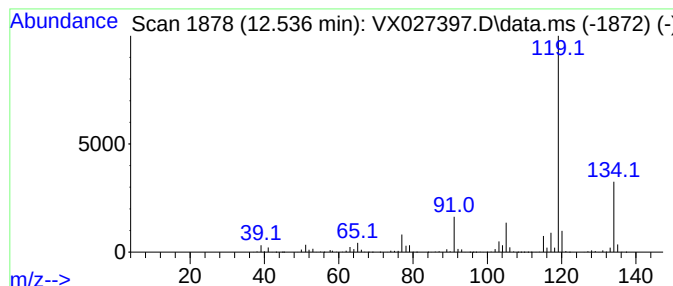
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.536	108.61 ug/l	3841970	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	96
2			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031122\
Data File : VX027397.D
Acq On : 11 Mar 2022 13:21
Operator : JC/MD
Sample : N1895-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-3

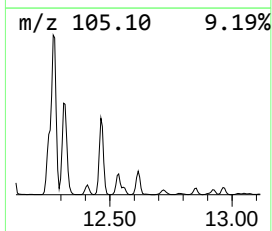
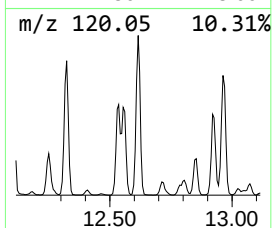
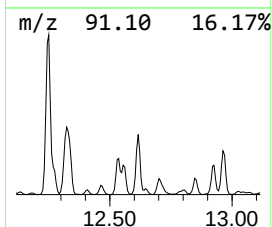
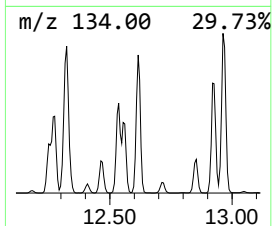
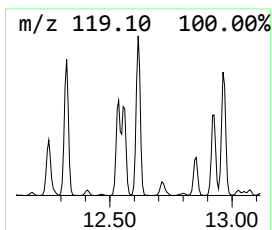
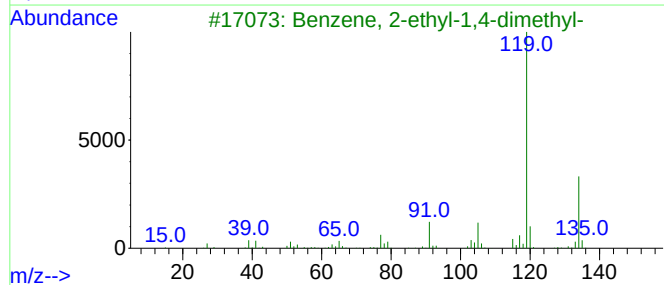
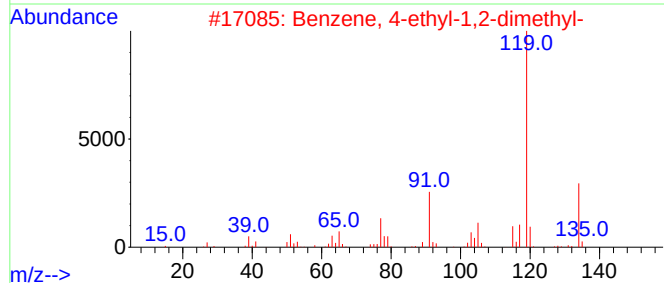
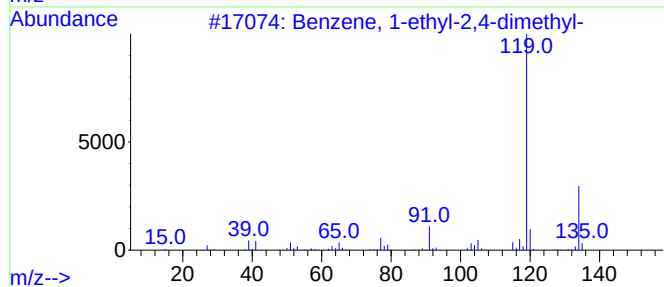
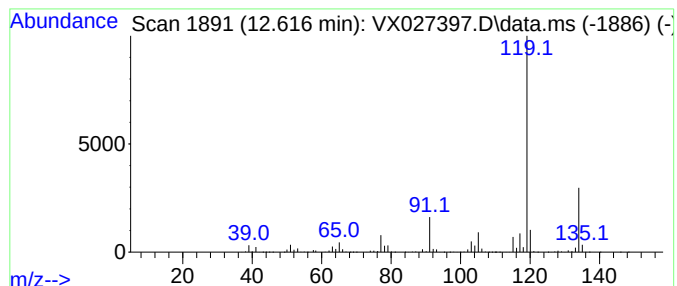
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.616	151.57 ug/l	5361630	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-1,4-dimethyl-	134	C10H14	001758-88-9	95
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\VX031122\
Data File : VX027397.D
Acq On : 11 Mar 2022 13:21
Operator : JC/MD
Sample : N1895-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-3

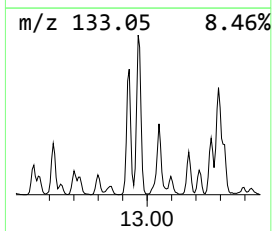
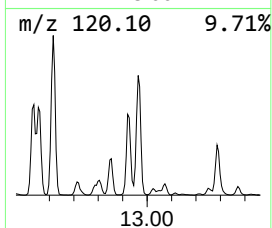
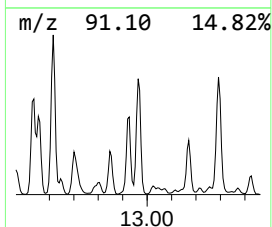
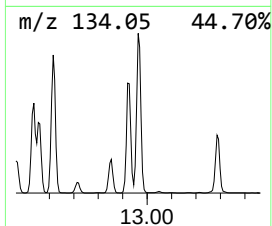
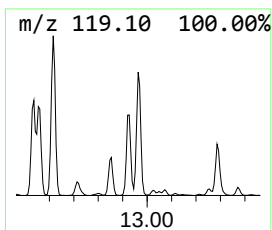
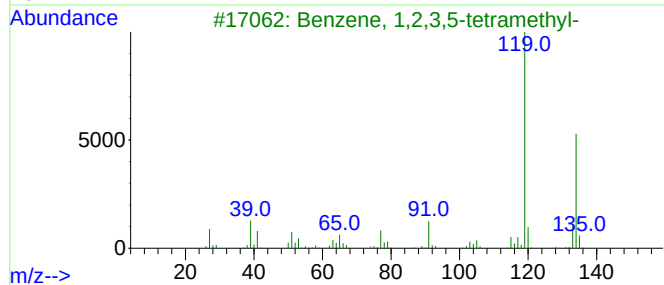
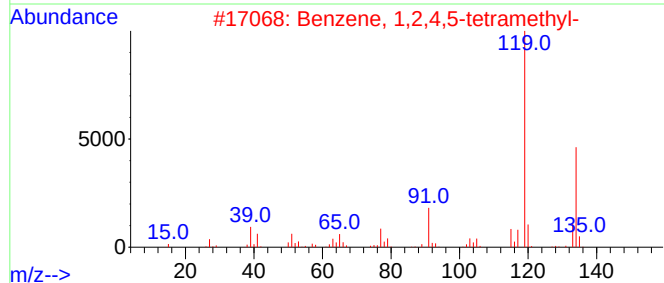
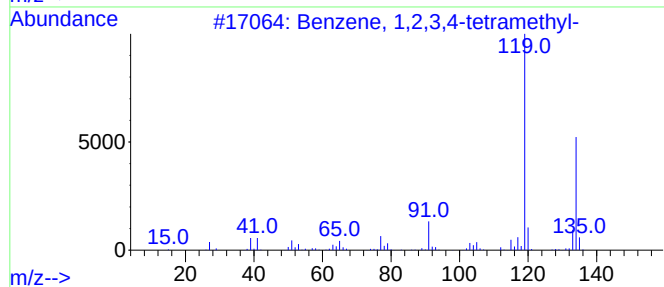
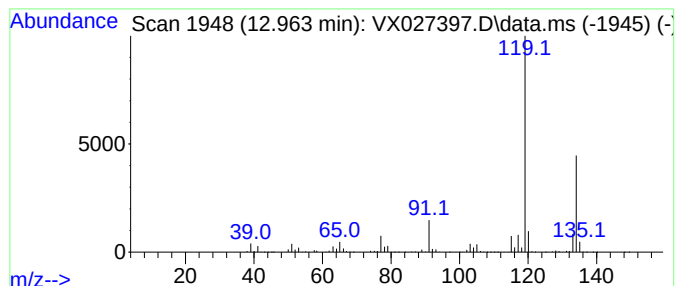
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.963	123.24 ug/l	4359200	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	97
4			o-Cymene	134	C10H14	000527-84-4	95
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031122\
Data File : VX027397.D
Acq On : 11 Mar 2022 13:21
Operator : JC/MD
Sample : N1895-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-3

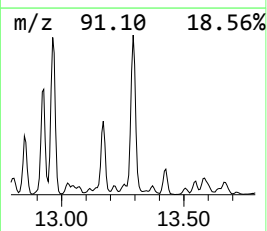
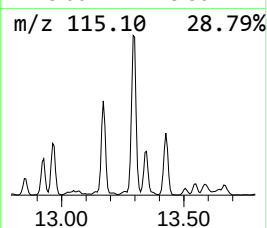
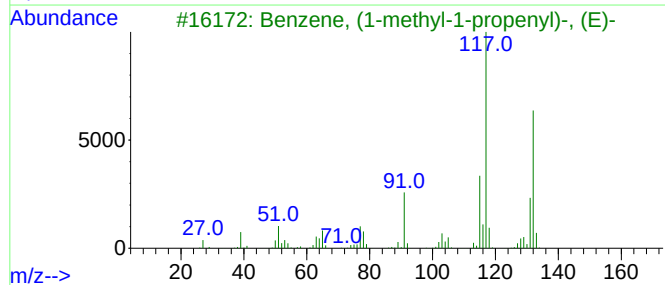
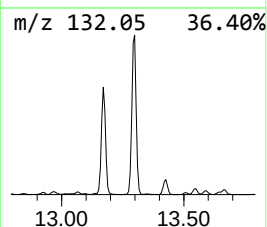
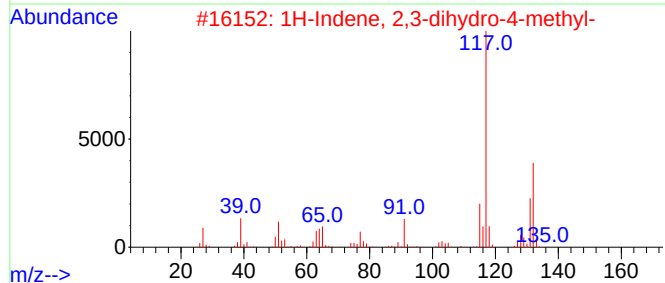
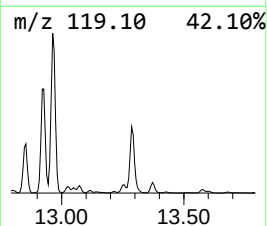
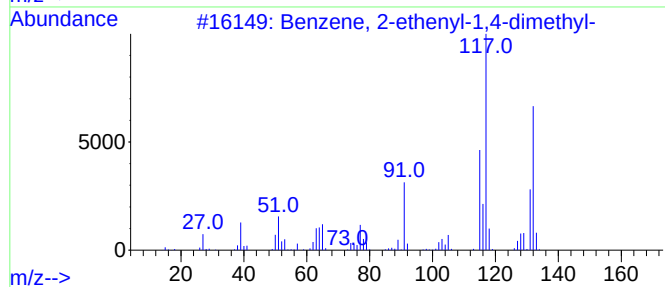
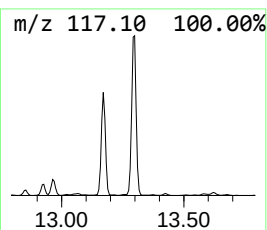
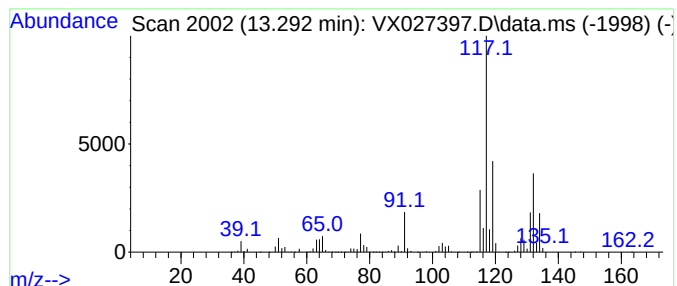
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260

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

Peak Number 9 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	159.60 ug/l	5645490	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	93
3			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	76
4			3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
5			Benzene, 2-butenyl-	132	C10H12	001560-06-1	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031122\
Data File : VX027397.D
Acq On : 11 Mar 2022 13:21
Operator : JC/MD
Sample : N1895-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-3

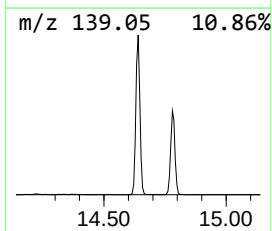
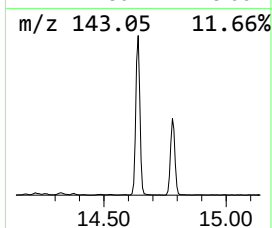
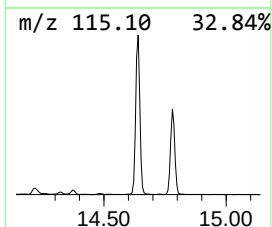
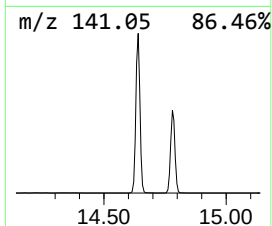
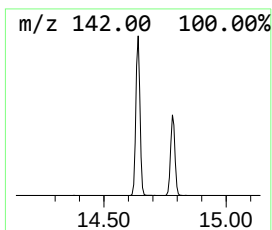
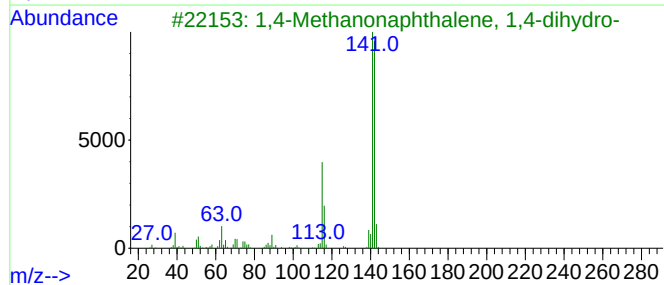
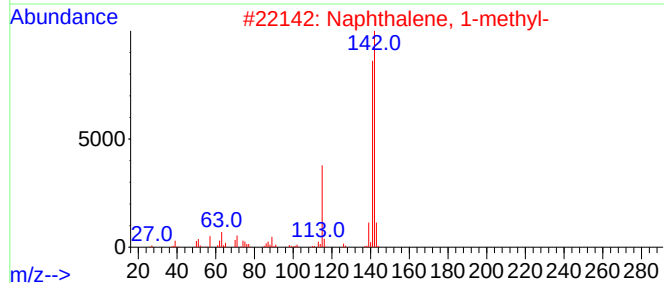
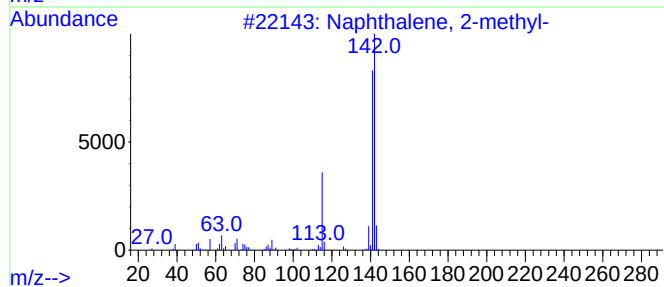
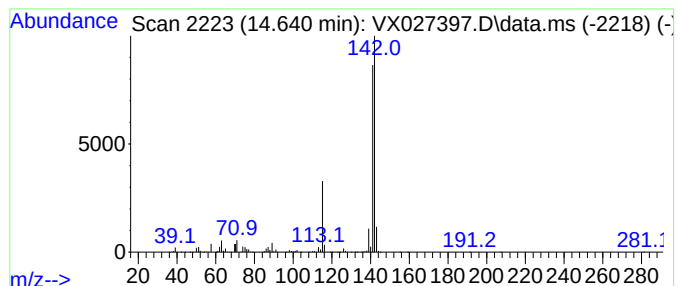
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260

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

Peak Number 10 1,4-Methanonaphthalene, 1,4... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.640	112.69 ug/l	3986180	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	91
4			Benzocycloheptatriene	142	C11H10	000264-09-5	91
5			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031122\
Data File : VX027397.D
Acq On : 11 Mar 2022 13:21
Operator : JC/MD
Sample : N1895-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-ethy...	11.390	1558.5	ug/l	55128400	4	12.024	1768640	50.0
Benzene, 1-ethy...	11.616	561.3	ug/l	19854800	4	12.024	1768640	50.0
Benzene, 1,2,3-...	12.091	593.3	ug/l	20986700	4	12.024	1768640	50.0
Benzene, cyclop...	12.250	584.3	ug/l	20667900	4	12.024	1768640	50.0
Benzene, 1-meth...	12.323	185.0	ug/l	6544600	4	12.024	1768640	50.0
Benzene, 2-ethy...	12.536	108.6	ug/l	3841970	4	12.024	1768640	50.0
Benzene, 1-ethy...	12.616	151.6	ug/l	5361630	4	12.024	1768640	50.0
Benzene, 1,2,3,...	12.963	123.2	ug/l	4359200	4	12.024	1768640	50.0
Benzene, 2-ethe...	13.292	159.6	ug/l	5645490	4	12.024	1768640	50.0
1,4-Methanonaph...	14.640	112.7	ug/l	3986180	4	12.024	1768640	50.0