

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080919\
 Data File : VX011411.D
 Acq On : 09 Aug 2019 15:42
 Operator : JC/SP
 Sample : K4279-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0670

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.397	521	532	544	rBV2	131773	384621	1.28%	0.542%
2	5.494	699	712	718	rBV	115042	338975	1.13%	0.478%
3	5.574	718	725	732	rVV2	169545	524999	1.75%	0.740%
4	5.659	732	739	766	rVB	227665	670879	2.24%	0.945%
5	6.153	808	820	832	rVB	11052979	29980408	100.00%	42.242%
6	6.854	925	935	946	rBV	316839	740197	2.47%	1.043%
7	7.458	1024	1034	1047	rVB	267340	609224	2.03%	0.858%
8	8.713	1234	1240	1246	rVB	652562	979109	3.27%	1.380%
9	10.110	1460	1469	1473	rBV	664938	898860	3.00%	1.266%
10	10.250	1486	1492	1498	rBV	8050731	10423781	34.77%	14.687%
11	10.353	1503	1509	1518	rVB	866317	1203728	4.02%	1.696%
12	11.018	1613	1618	1624	rVB	1126976	1455285	4.85%	2.050%
13	11.134	1630	1637	1643	rBV	635302	833079	2.78%	1.174%
14	11.359	1669	1674	1679	rBV	1286569	1640151	5.47%	2.311%
15	11.506	1692	1698	1703	rVB	638446	846136	2.82%	1.192%
16	11.664	1713	1724	1728	rBV	1118494	1447833	4.83%	2.040%
17	11.804	1743	1747	1751	rVB	380192	434298	1.45%	0.612%
18	11.945	1767	1770	1778	rVV	202386	319619	1.07%	0.450%
19	12.073	1786	1791	1797	rVV	753570	983839	3.28%	1.386%
20	12.140	1797	1802	1807	rVB	1585574	1882978	6.28%	2.653%
21	12.298	1821	1828	1833	rVV	1683555	2068779	6.90%	2.915%
22	12.371	1833	1840	1847	rVV2	312267	574888	1.92%	0.810%
23	12.457	1850	1854	1859	rVV2	273200	366608	1.22%	0.517%
24	12.518	1859	1864	1869	rVV	614810	755370	2.52%	1.064%
25	12.585	1870	1875	1882	rVB	222585	307152	1.02%	0.433%
26	12.664	1882	1888	1891	rBV	742531	887363	2.96%	1.250%
27	12.755	1897	1903	1915	rVB2	619438	1089729	3.63%	1.535%
28	12.902	1921	1927	1932	rVB2	371818	501236	1.67%	0.706%
29	12.975	1932	1939	1943	rBV	475604	604071	2.01%	0.851%
30	13.225	1977	1980	1989	rVB	218711	300619	1.00%	0.424%
31	13.341	1995	1999	2005	rVB2	1530563	2068464	6.90%	2.914%
32	13.475	2017	2021	2027	rVB	797643	980995	3.27%	1.382%
33	13.828	2070	2079	2088	rVB	1859106	2492339	8.31%	3.512%
34	14.286	2140	2154	2158	rBV2	177988	328080	1.09%	0.462%

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Instrument :
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ClientSampleId :
Z3-0670

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

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35	14.694	2209	2221	2225	rBV	379128	481867	1.61%	0.679%
36	14.834	2239	2244	2253	rBV	436990	566923	1.89%	0.799%

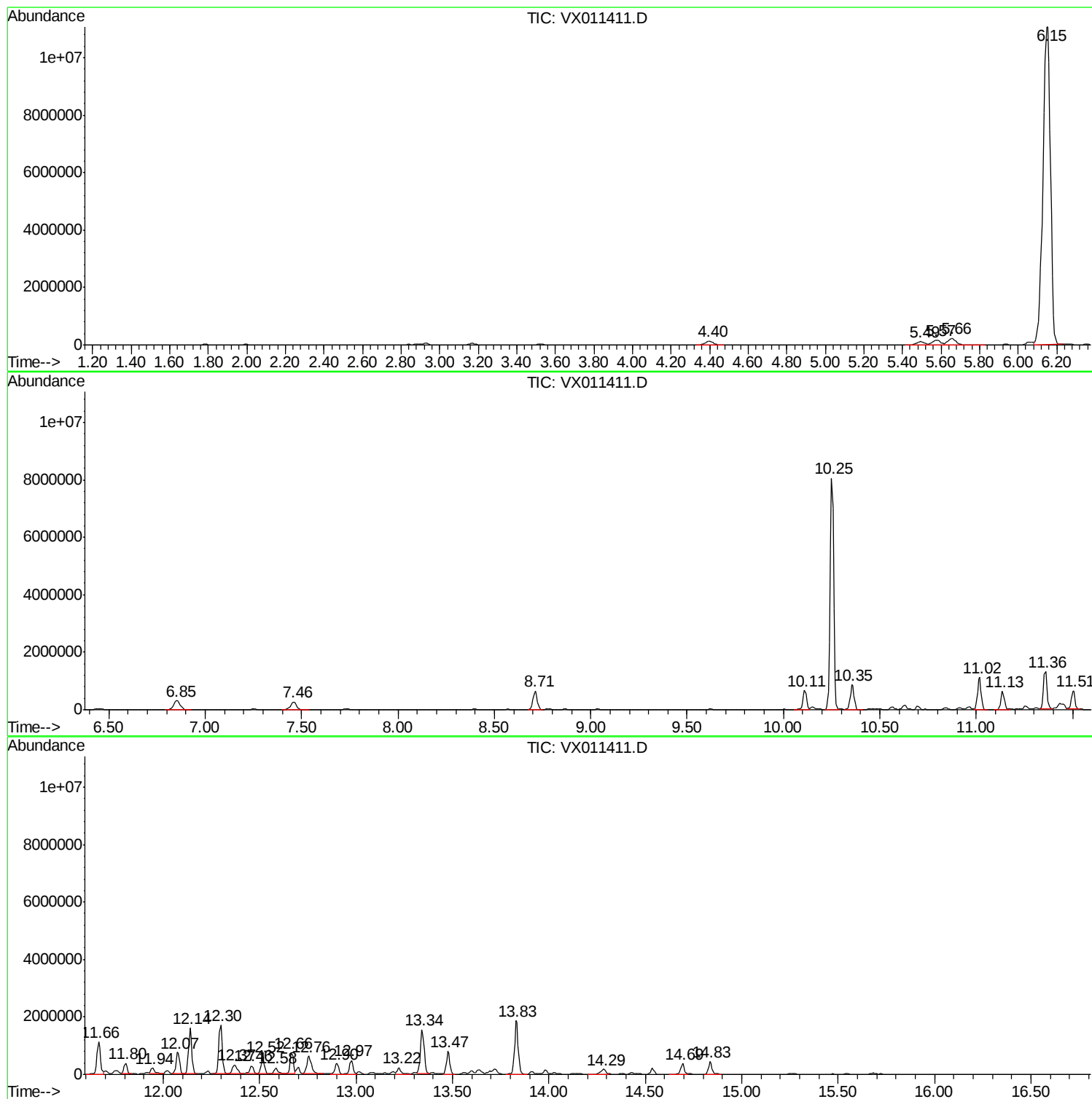
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
Z3-0670

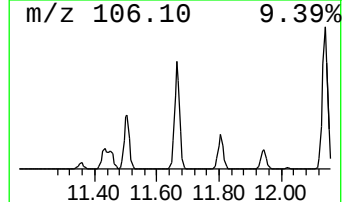
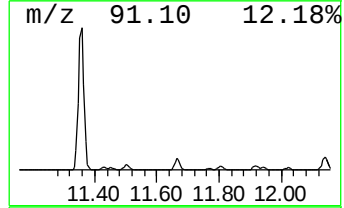
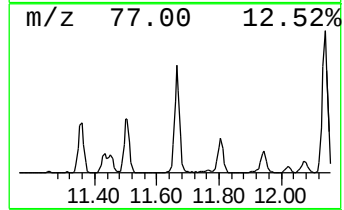
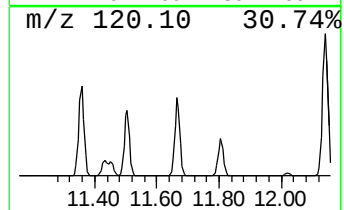
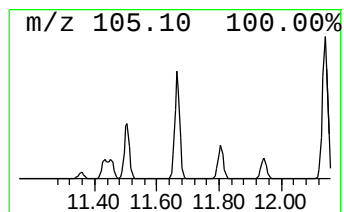
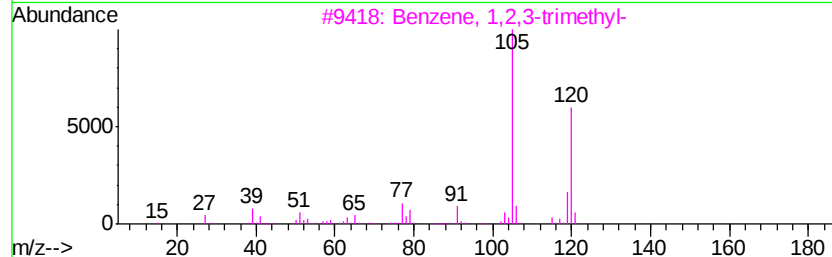
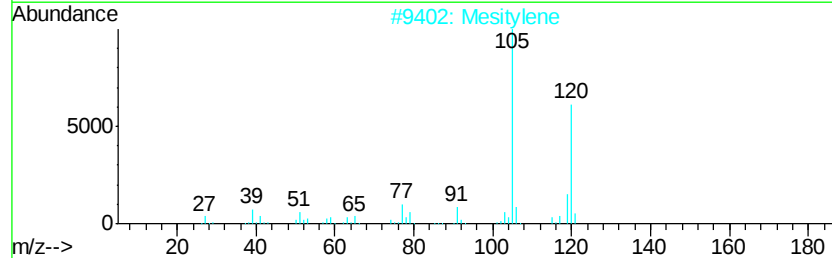
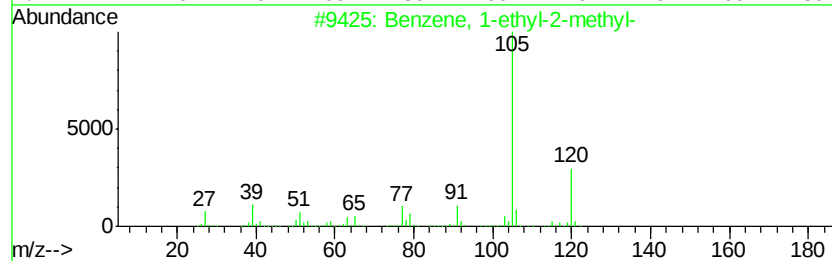
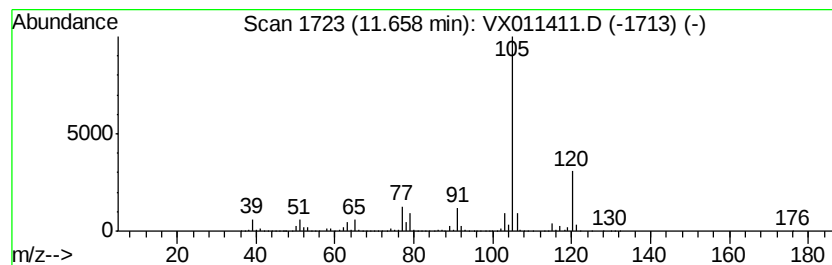
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	73.58 ug/l	1447830	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2		Mesitylene	120	C9H12	000108-67-8	90
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90



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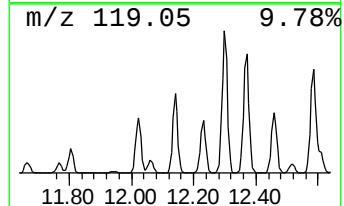
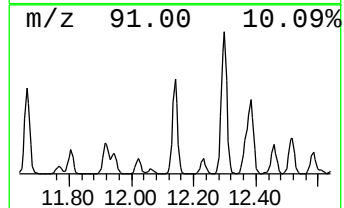
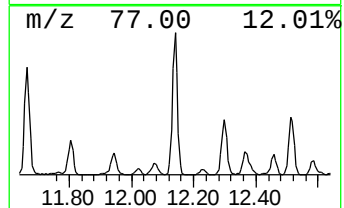
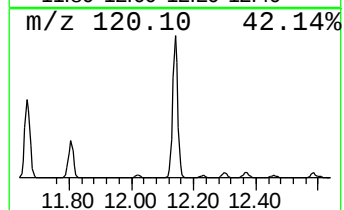
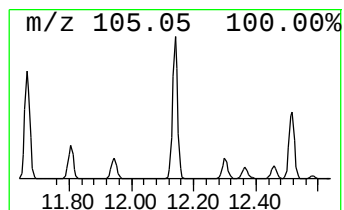
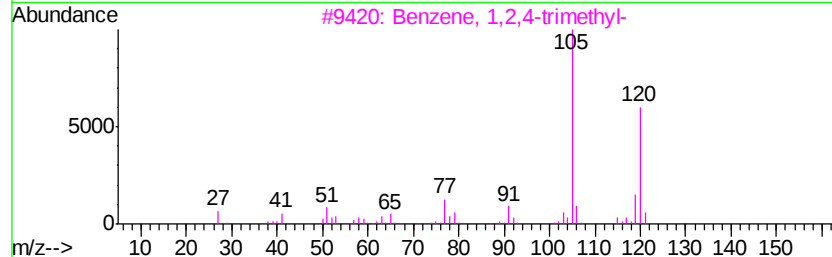
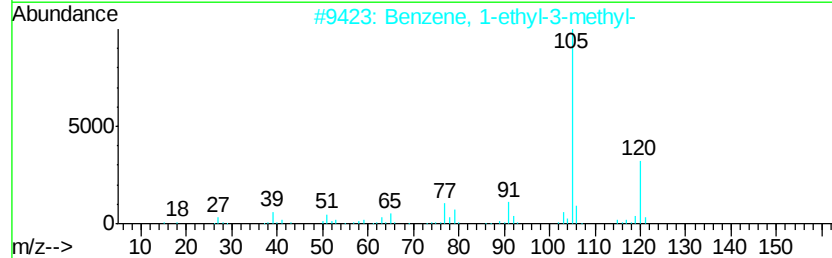
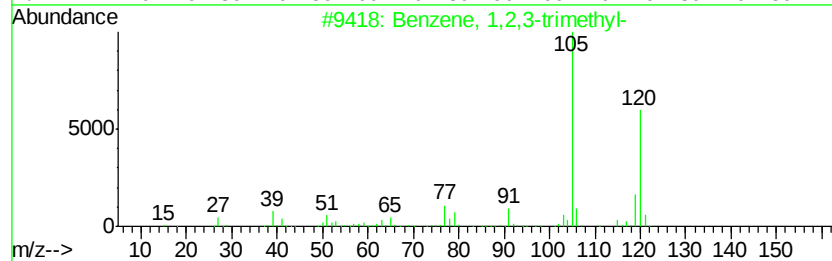
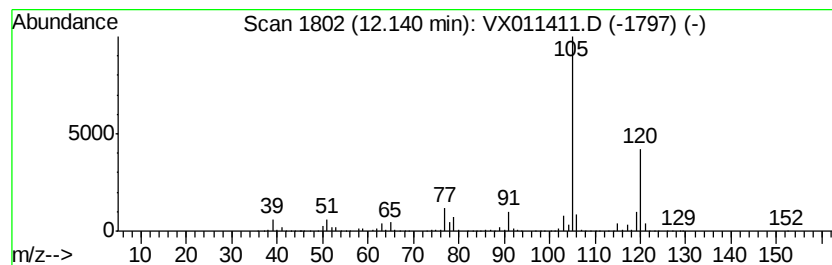
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	95.70 ug/l	1882980	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



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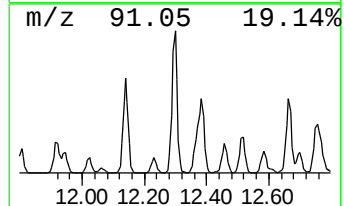
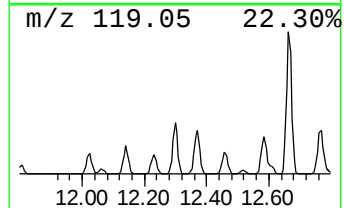
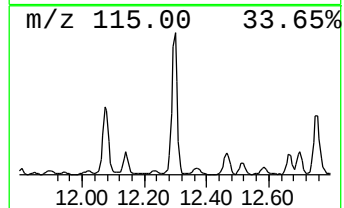
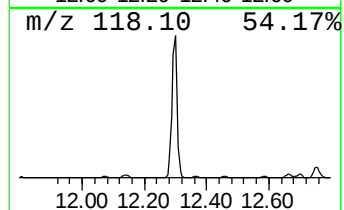
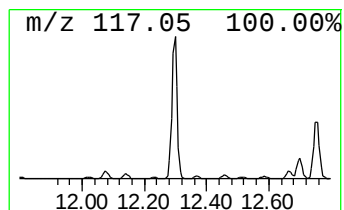
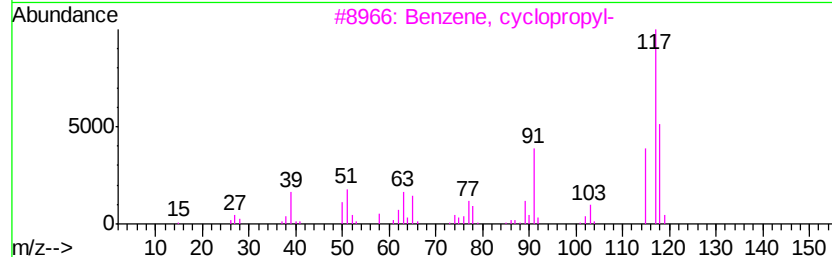
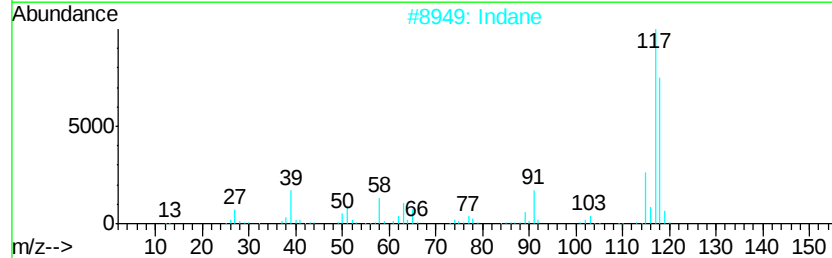
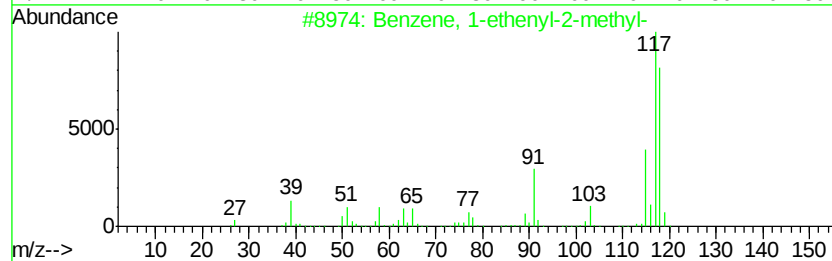
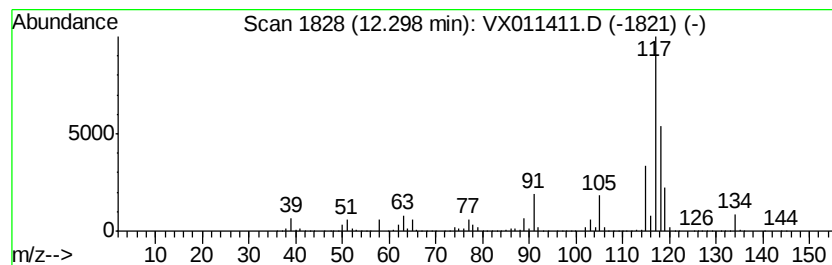
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-ethenyl-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	105.14 ug/l	2068780	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	86
2		Indane	118	C9H10	000496-11-7	70
3		Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
4		Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
5		Delta cyclene	118	C9H10	007785-10-6	52



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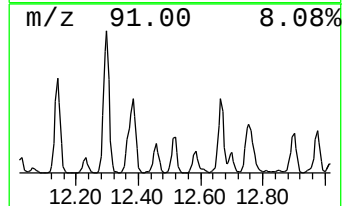
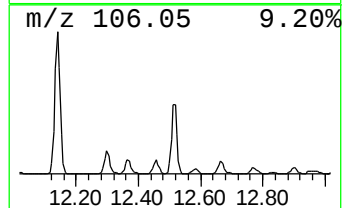
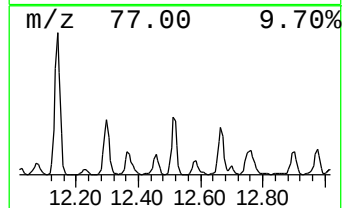
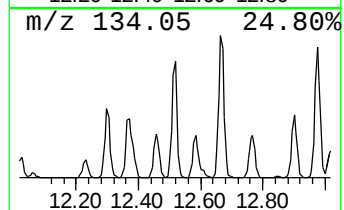
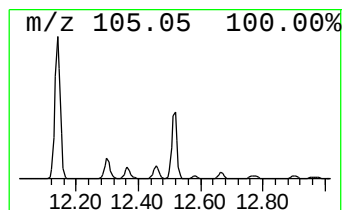
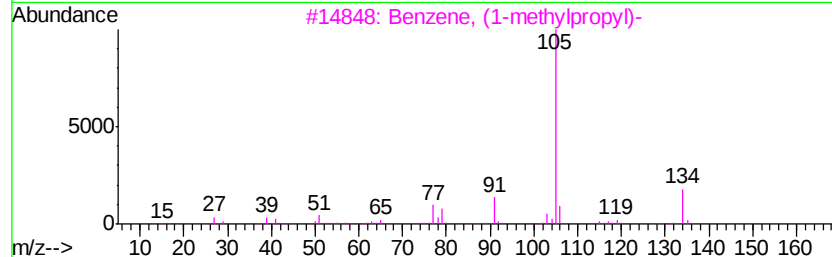
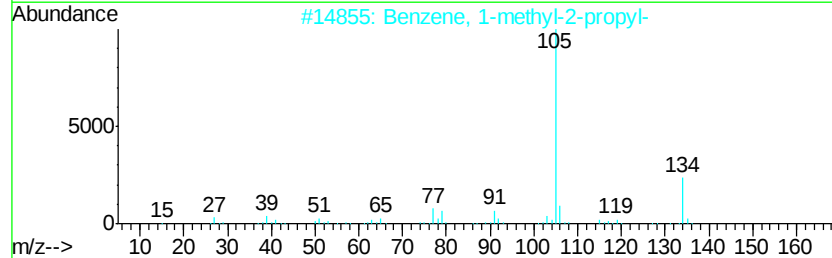
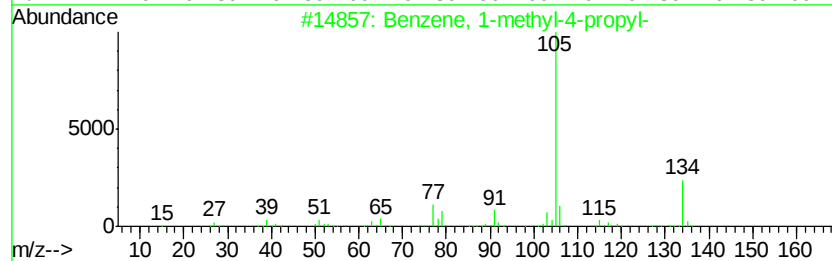
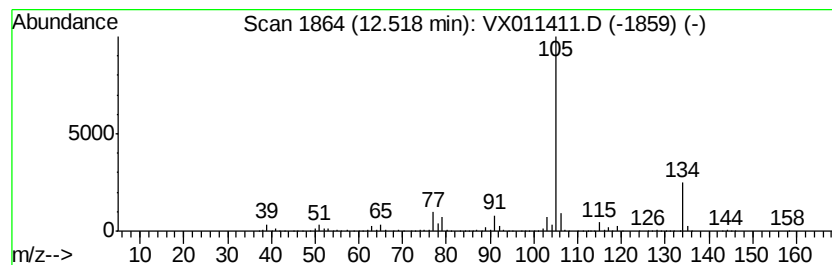
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-methyl-4-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	38.39 ug/l	755370	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	93
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	80
5		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	72



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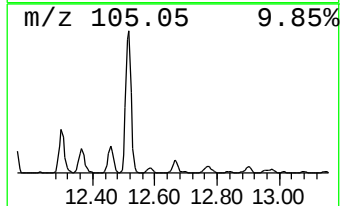
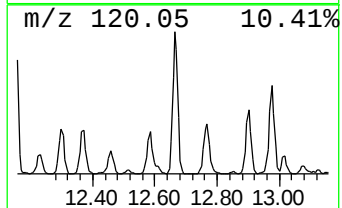
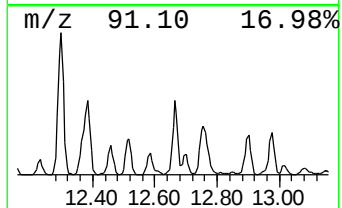
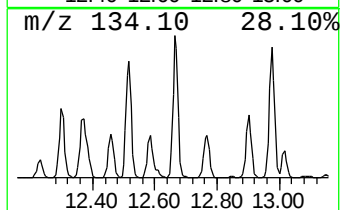
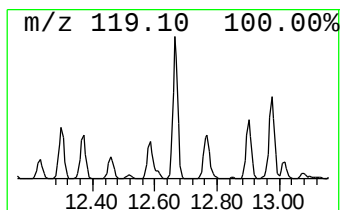
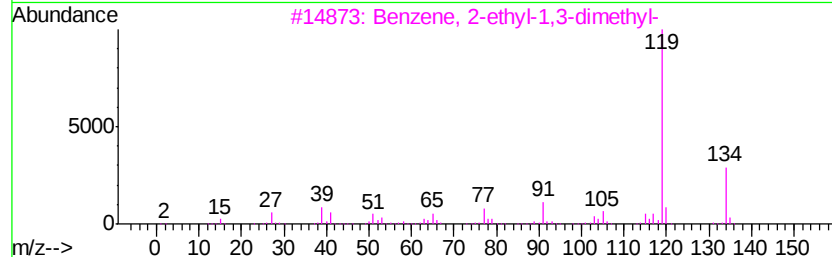
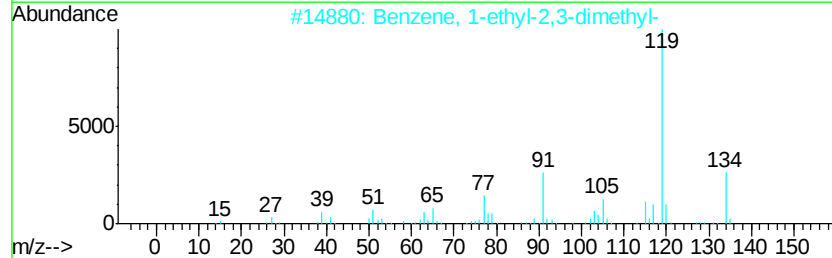
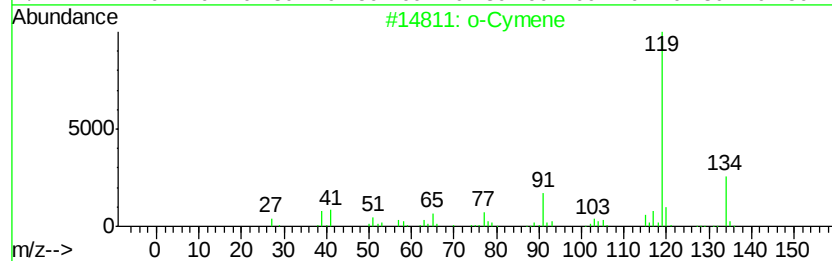
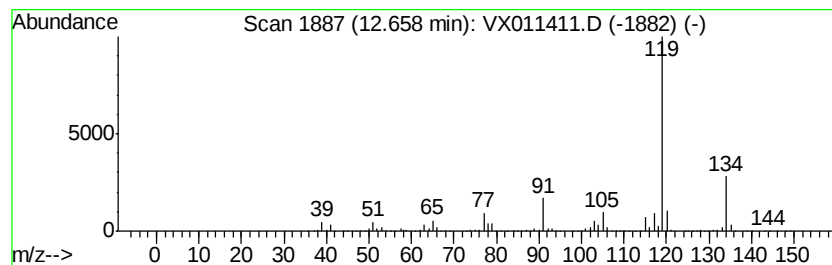
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 o-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	45.10 ug/l	887363	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	97
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5		p-Cymene	134	C10H14	000099-87-6	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080919\
Data File : VX011411.D
Acq On : 09 Aug 2019 15:42
Operator : JC/SP
Sample : K4279-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Z3-0670

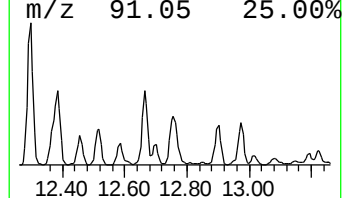
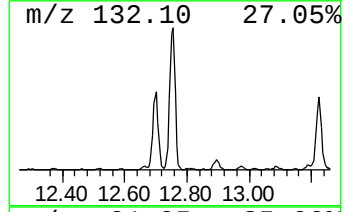
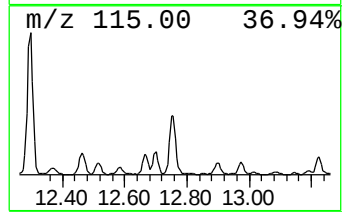
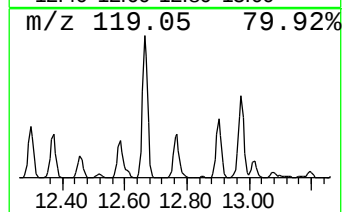
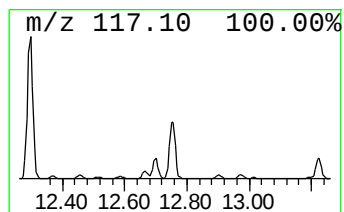
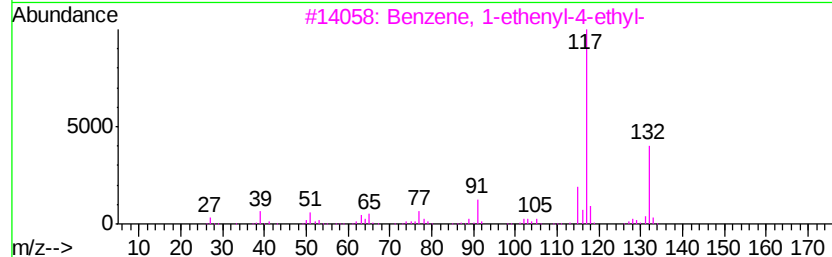
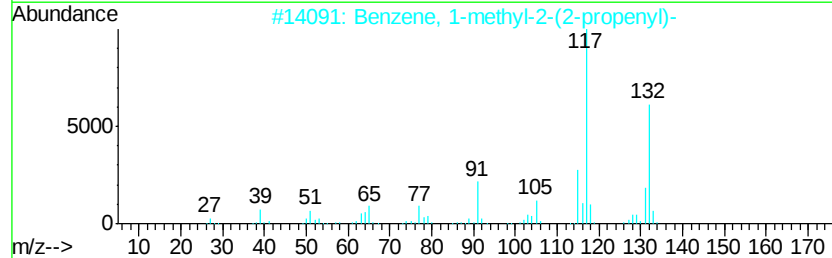
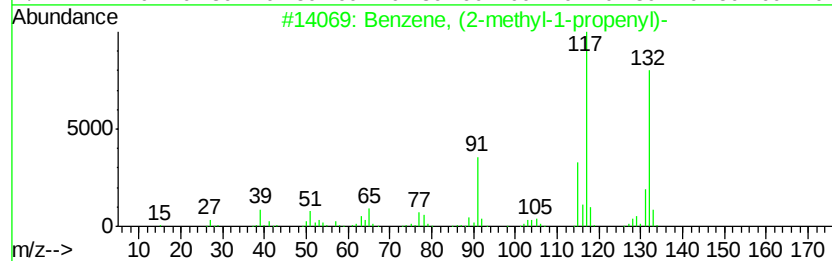
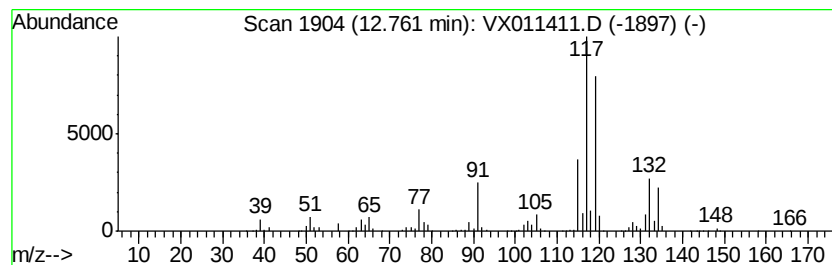
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, (2-methyl-1-propen... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	55.38 ug/l	1089730	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	81
2		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	81
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
4		Indan, 1-methyl-	132	C10H12	000767-58-8	76
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	74



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080919\
Data File : VX011411.D
Acq On : 09 Aug 2019 15:42
Operator : JC/SP
Sample : K4279-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Z3-0670

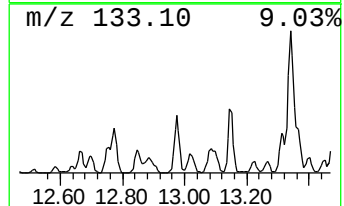
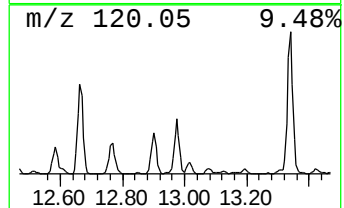
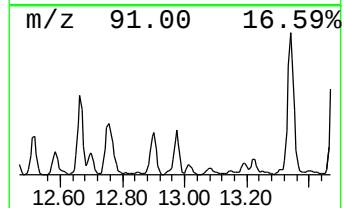
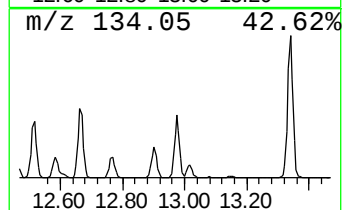
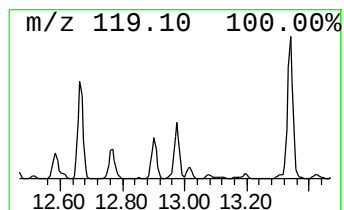
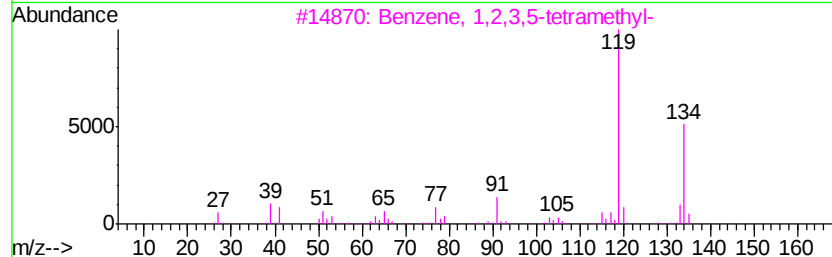
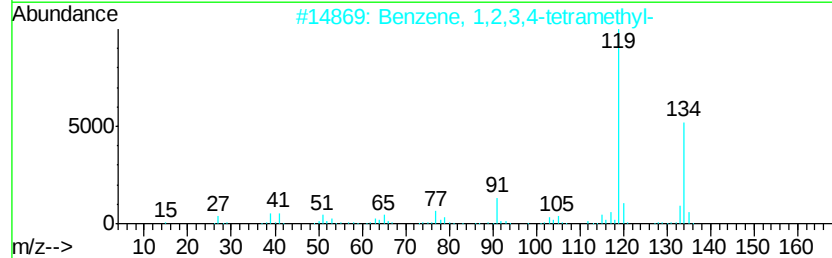
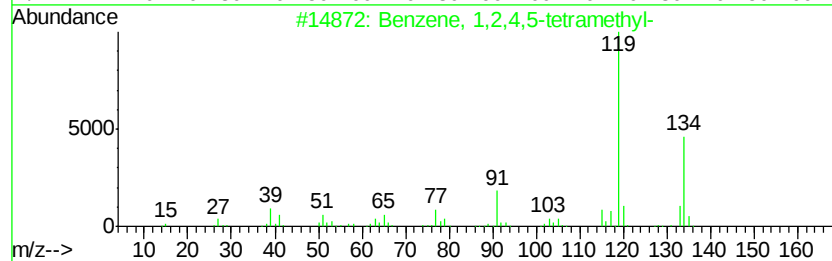
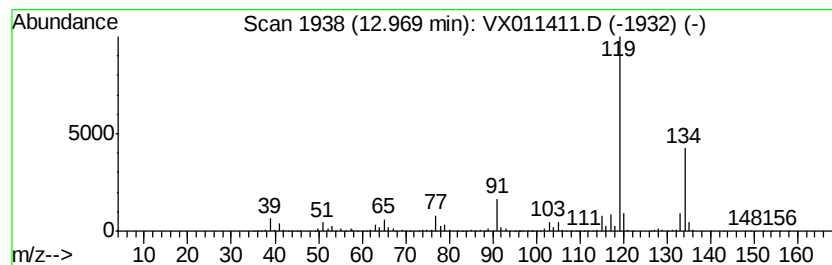
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	30.70 ug/l	604071	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	95
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:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080919\
Data File : VX011411.D
Acq On : 09 Aug 2019 15:42
Operator : JC/SP
Sample : K4279-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Z3-0670

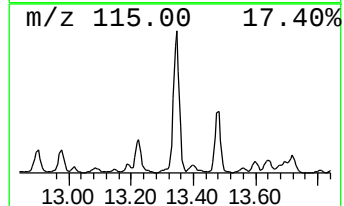
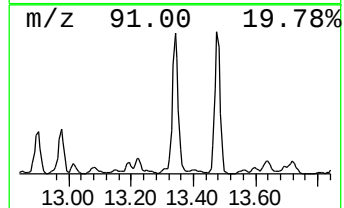
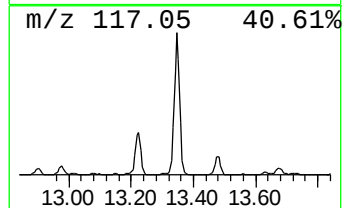
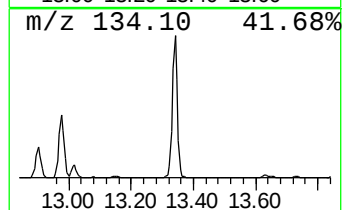
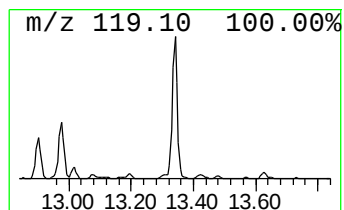
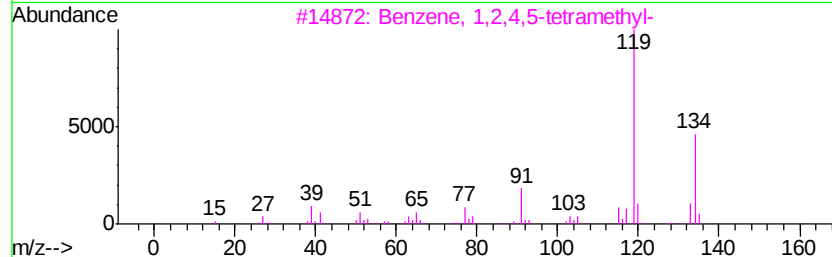
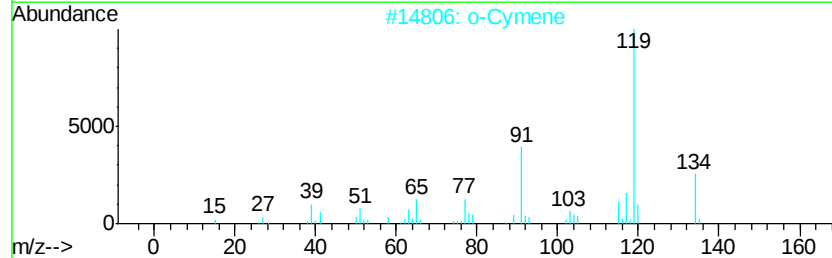
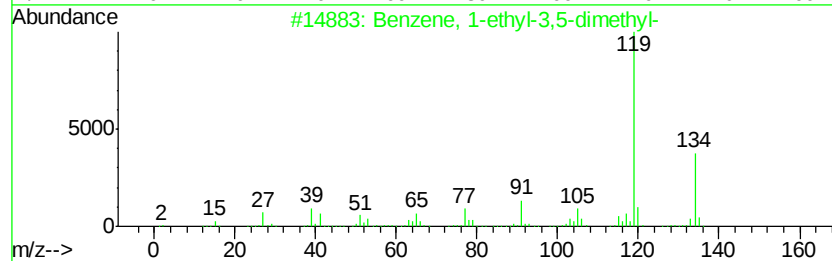
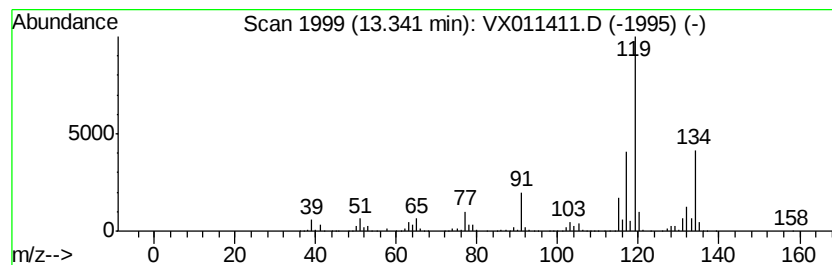
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	105.12 ug/l	2068460	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76
2		o-Cymene	134	C10H14	000527-84-4	70
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	70
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080919\
Data File : VX011411.D
Acq On : 09 Aug 2019 15:42
Operator : JC/SP
Sample : K4279-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Z3-0670

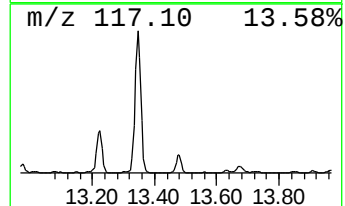
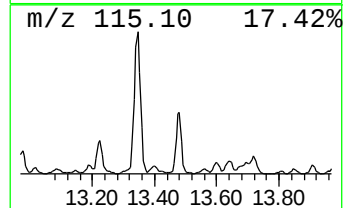
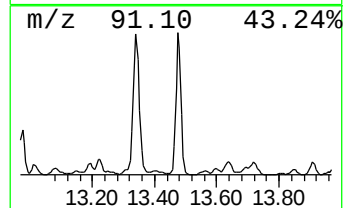
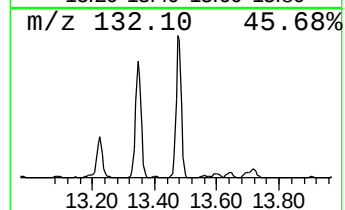
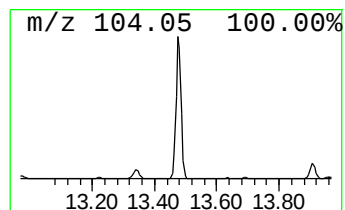
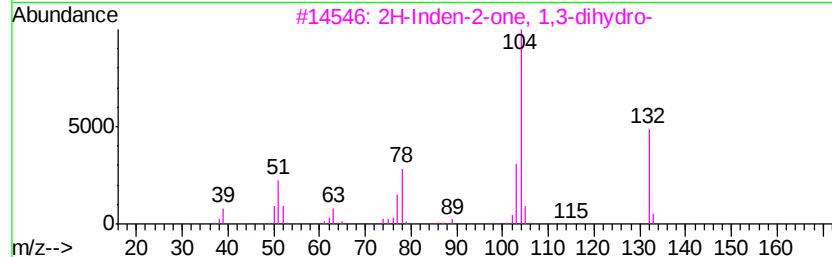
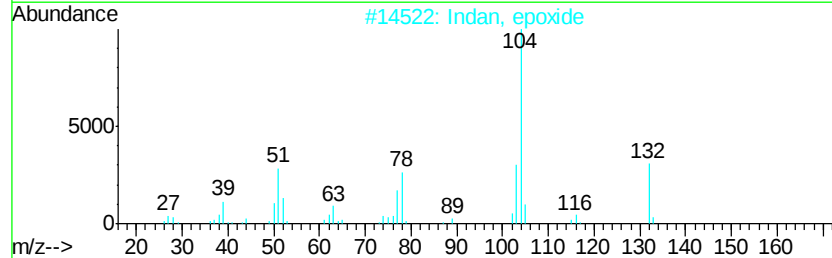
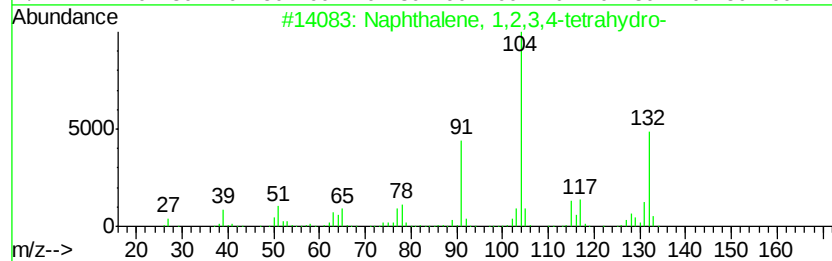
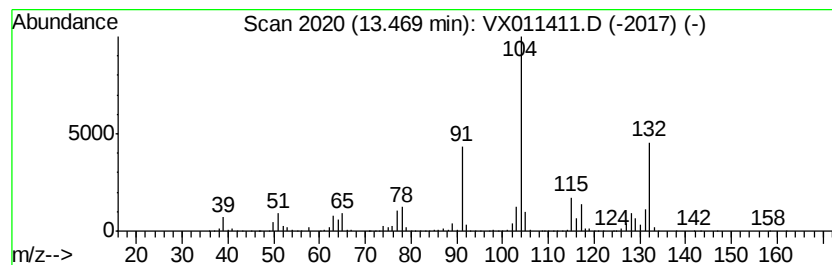
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	49.86 ug/l	980995	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2		Indan, epoxide	132	C9H8O	000768-22-9	58
3		2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	58
4		N-Ethylbenzimidovl bromide	211	C9H10BrN	041182-87-0	40
5		3(2H)-Furanone, dihydro-2,2-dime...	190	C12H14O2	063678-00-2	38



Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080919\
Data File : VX011411.D
Acq On : 09 Aug 2019 15:42
Operator : JC/SP
Sample : K4279-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Z3-0670

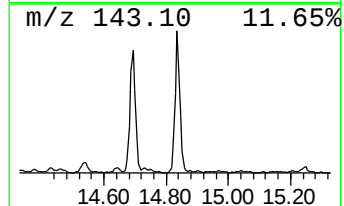
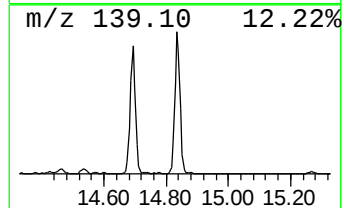
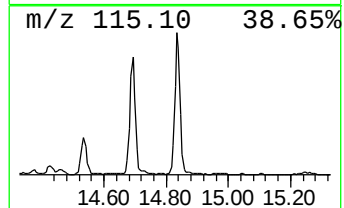
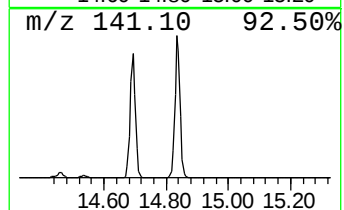
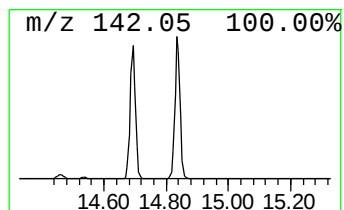
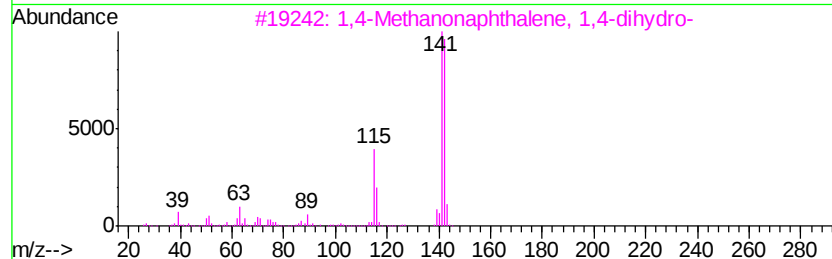
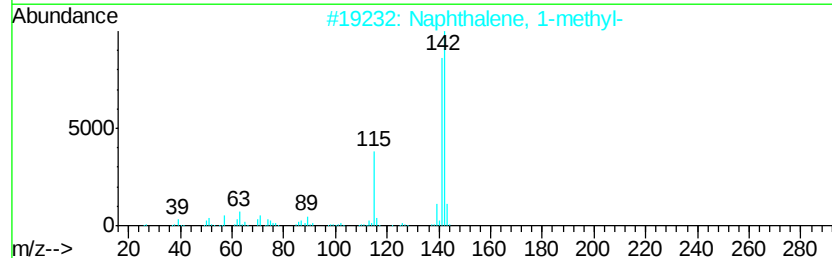
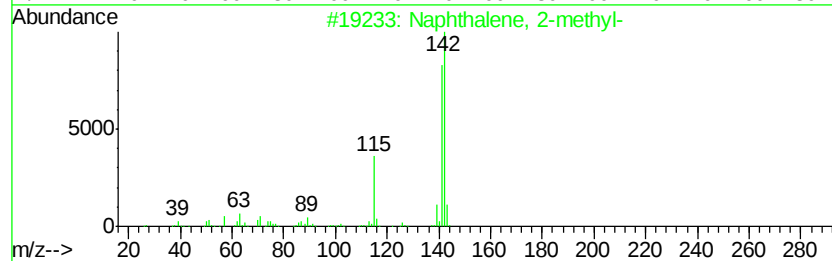
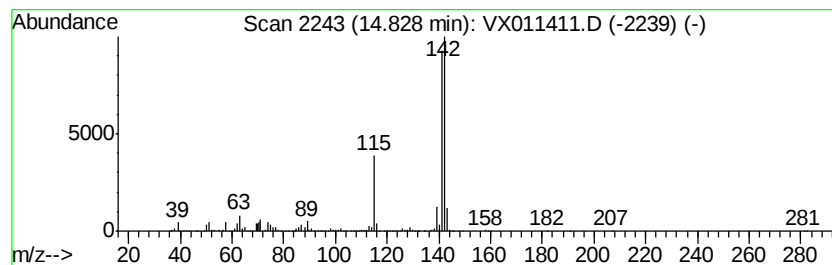
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	28.81 ug/l	566923	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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-dihv...	142	C11H10	004453-90-1	94
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	87



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080919\
Data File : VX011411.D
Acq On : 09 Aug 2019 15:42
Operator : JC/SP
Sample : K4279-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Z3-0670

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-ethyl-...	11.66	73.6	ug/l	1447830	4	12.08	983839	50.0
Benzene, 1,2,3-tr...	12.14	95.7	ug/l	1882980	4	12.08	983839	50.0
Benzene, 1-etheny...	12.30	105.1	ug/l	2068780	4	12.08	983839	50.0
Benzene, 1-methyl...	12.52	38.4	ug/l	755370	4	12.08	983839	50.0
o-Cymene	12.66	45.1	ug/l	887363	4	12.08	983839	50.0
Benzene, (2-methy...	12.76	55.4	ug/l	1089730	4	12.08	983839	50.0
Benzene, 1,2,4,5-...	12.97	30.7	ug/l	604071	4	12.08	983839	50.0
Benzene, 1-ethyl-...	13.34	105.1	ug/l	2068460	4	12.08	983839	50.0
Naphthalene, 1,2,...	13.47	49.9	ug/l	980995	4	12.08	983839	50.0
Naphthalene, 1-me...	14.83	28.8	ug/l	566923	4	12.08	983839	50.0