

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014156.D
 Acq On : 20 Dec 2019 06:25
 Operator : JC/SP
 Sample : K6372-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12

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\82X121319W.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	1.070	26	30	44	rBV	2975879	3407058	2.91%	0.672%
2	5.655	771	782	796	rVB	531171	1479038	1.26%	0.292%
3	6.850	969	978	988	rBV	800418	1892277	1.61%	0.373%
4	8.709	1278	1283	1291	rVB	1725977	2686478	2.29%	0.530%
5	10.105	1507	1512	1517	rBV	1605806	2199457	1.88%	0.434%
6	10.245	1530	1535	1545	rVB	14737441	19764253	16.85%	3.898%
7	10.355	1545	1553	1559	rVB	1533411	2088897	1.78%	0.412%
8	10.696	1604	1609	1615	rBV	1017903	1353590	1.15%	0.267%
9	11.013	1655	1661	1666	rBV	6540624	7960393	6.79%	1.570%
10	11.135	1675	1681	1686	rBV	1392732	1800124	1.54%	0.355%
11	11.355	1709	1717	1723	rBV	5560635	6521863	5.56%	1.286%
12	11.452	1723	1733	1737	rVV	7872442	10168172	8.67%	2.005%
13	11.501	1737	1741	1748	rVB	5614922	6585366	5.62%	1.299%
14	11.666	1762	1768	1779	rVB	10245328	12947690	11.04%	2.553%
15	11.806	1782	1791	1796	rBV	28839776	36200940	30.87%	7.139%
16	11.861	1796	1800	1804	rVB	1087653	1286513	1.10%	0.254%
17	12.019	1820	1826	1830	rBV	1461321	1866331	1.59%	0.368%
18	12.074	1830	1835	1840	rVB2	2322793	3541235	3.02%	0.698%
19	12.141	1840	1846	1850	rBV	12100168	15579643	13.29%	3.072%
20	12.184	1850	1853	1857	rVB	2715509	3197087	2.73%	0.630%
21	12.294	1864	1871	1879	rBV	29114858	38210983	32.58%	7.535%
22	12.367	1879	1883	1888	rVV2	2571234	3498996	2.98%	0.690%
23	12.580	1913	1918	1920	rBV	1680965	2186685	1.86%	0.431%
24	12.605	1920	1922	1926	rVB	1770174	1894039	1.62%	0.374%
25	12.666	1926	1932	1935	rBV	3859445	4993210	4.26%	0.985%
26	12.751	1941	1946	1953	rBV	13356375	17907833	15.27%	3.531%
27	12.897	1965	1970	1975	rVB	1065900	1321406	1.13%	0.261%
28	12.970	1975	1982	1985	rBV	1936962	2510450	2.14%	0.495%
29	13.013	1985	1989	1994	rVB	4338949	5290933	4.51%	1.043%
30	13.220	2018	2023	2028	rVB	8710424	10079900	8.60%	1.988%
31	13.342	2038	2043	2047	rBV2	9172321	11957750	10.20%	2.358%
32	13.397	2047	2052	2059	rVB	10570677	13148421	11.21%	2.593%
33	13.483	2059	2066	2071	rVB	31684232	41575958	35.45%	8.199%
34	13.556	2071	2078	2082	rBV	4747436	5713413	4.87%	1.127%

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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

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Peak separation: 5

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35	13.598	2082	2085	2089	rVV	1354587	1674577	1.43%	0.330%
36	13.726	2099	2106	2110	rVB2	892653	1408351	1.20%	0.278%
37	13.842	2114	2125	2130	rBV2	80047962	117271227	100.00%	23.126%
38	14.275	2191	2196	2199	rBV	2049684	3180198	2.71%	0.627%
39	14.312	2199	2202	2206	rVV2	1094353	1654458	1.41%	0.326%
40	14.373	2206	2212	2219	rVB	2712935	4964065	4.23%	0.979%
41	14.574	2241	2245	2253	rVB	1289622	2004688	1.71%	0.395%
42	14.690	2260	2264	2274	rVB	18376529	22549396	19.23%	4.447%
43	14.836	2282	2288	2298	rVB	28722649	35296817	30.10%	6.961%
44	15.263	2350	2358	2364	rBV	2406927	3455059	2.95%	0.681%
45	15.433	2381	2386	2390	rBV	823254	1221195	1.04%	0.241%
46	15.543	2397	2404	2409	rBV	1073952	1719070	1.47%	0.339%
47	15.677	2415	2426	2430	rBV	2116385	3602259	3.07%	0.710%
48	15.903	2454	2463	2477	rBV	526553	1599988	1.36%	0.316%
49	16.409	2537	2546	2555	rBV	1430221	2673207	2.28%	0.527%

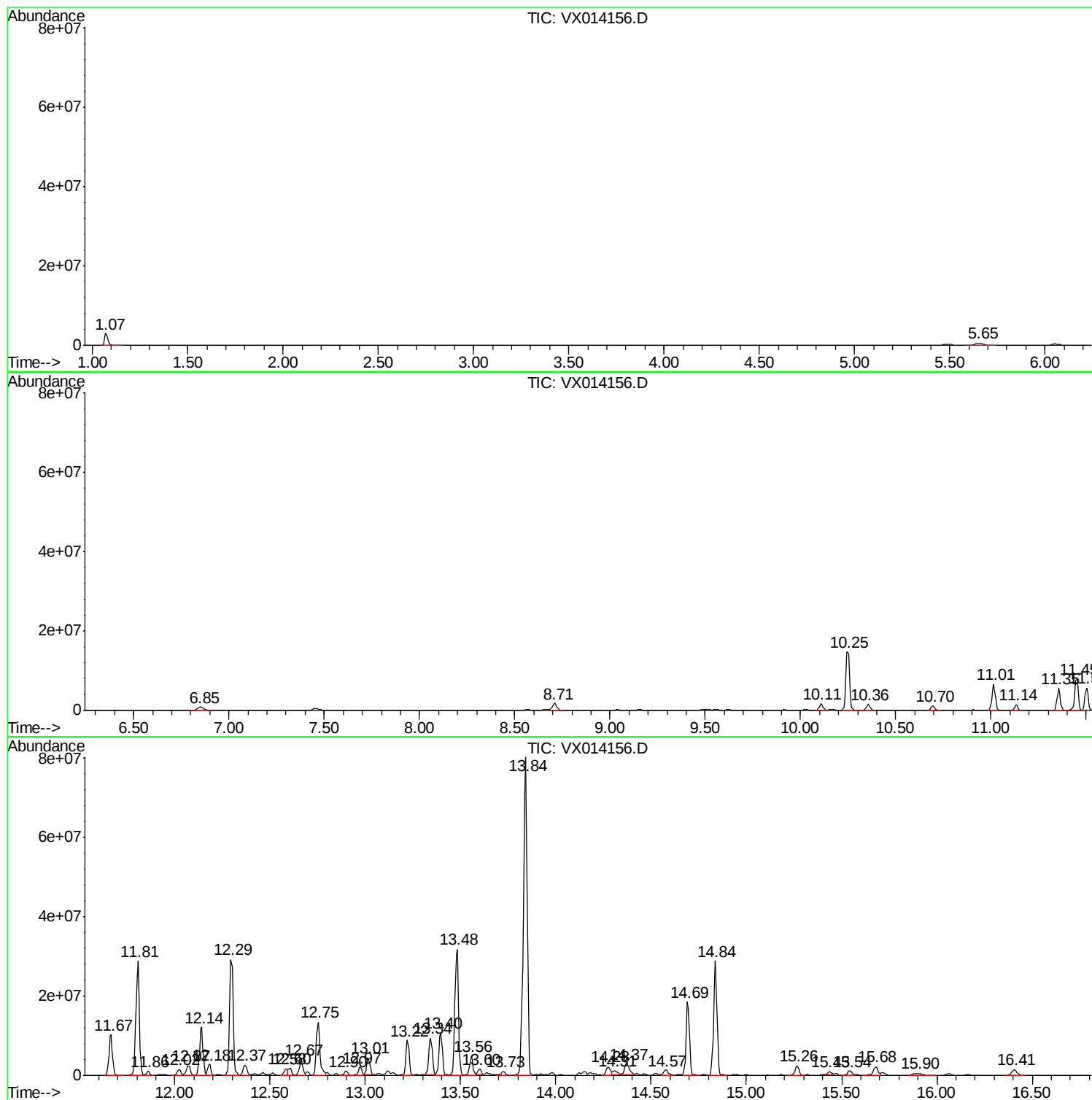
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260

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



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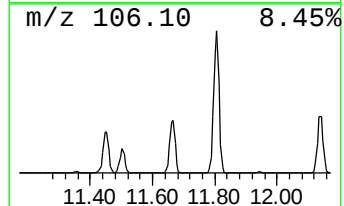
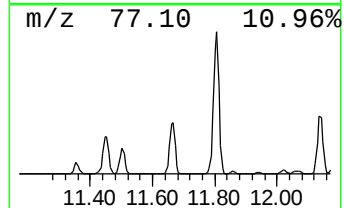
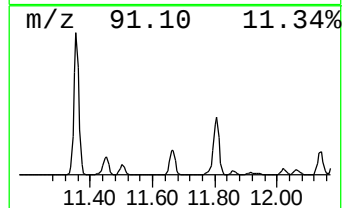
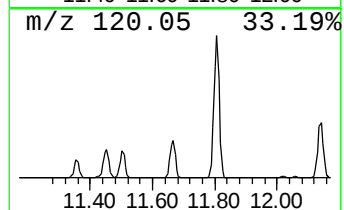
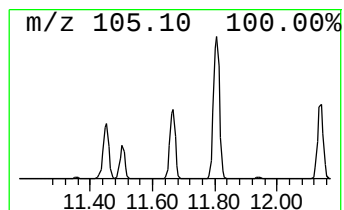
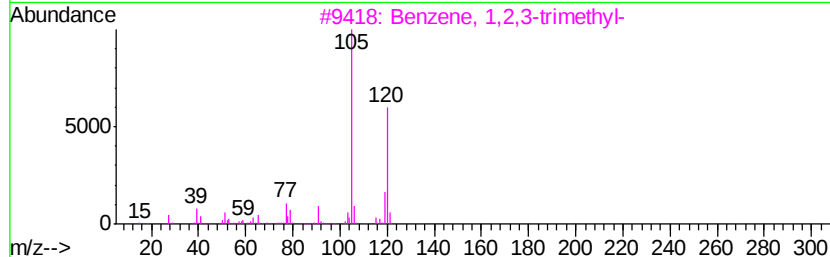
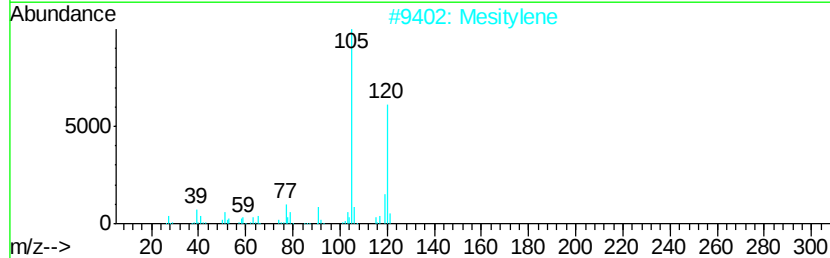
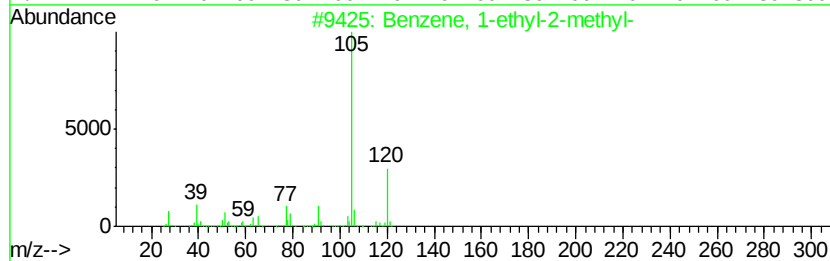
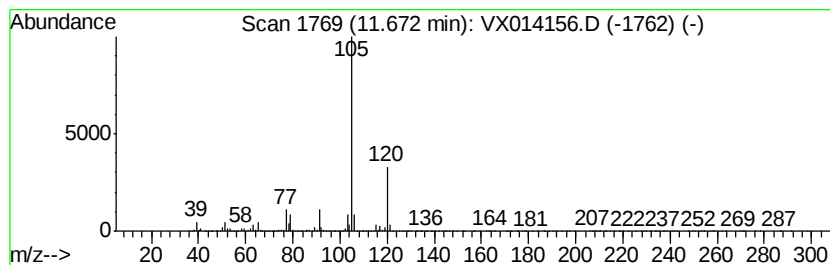
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	182.81 ug/l	12947700	1,4-Dichlorobenzene-d4	12.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
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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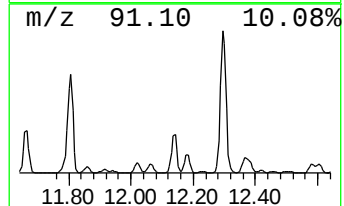
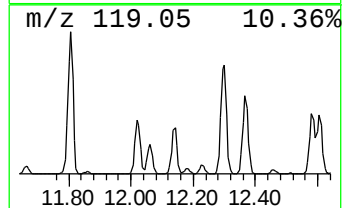
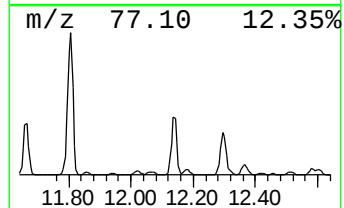
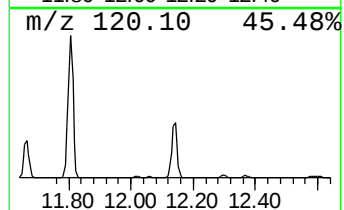
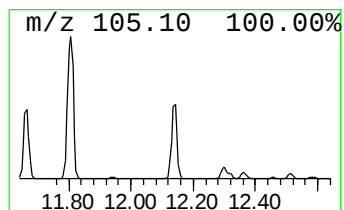
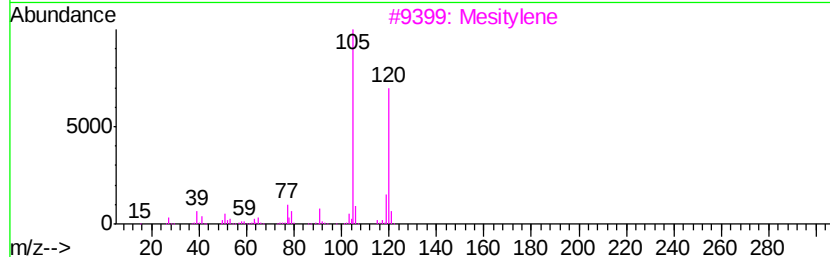
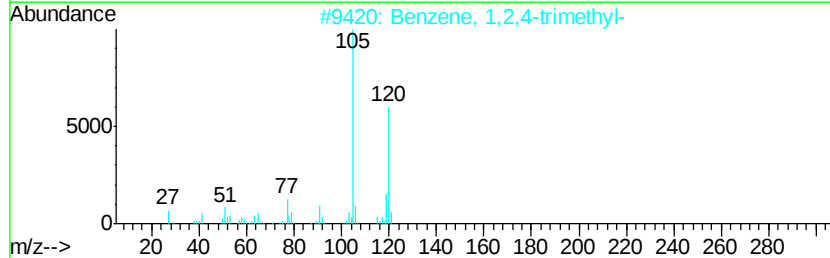
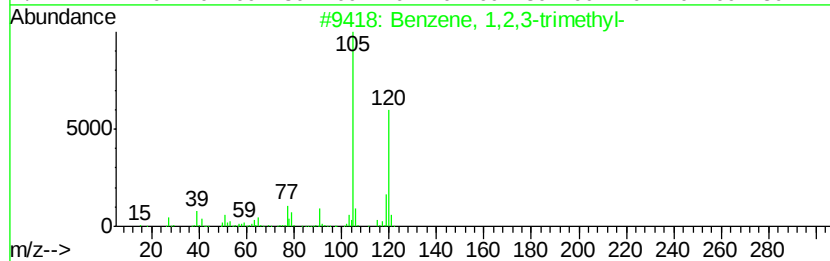
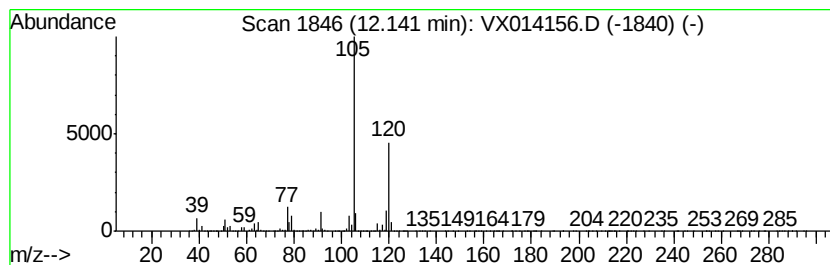
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	219.98 ug/l	15579600	1,4-Dichlorobenzene-d4	12.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3		Mesitylene	120	C9H12	000108-67-8	91
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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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
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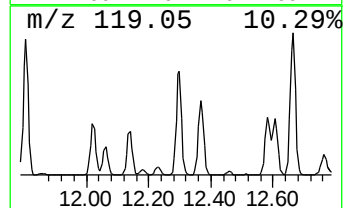
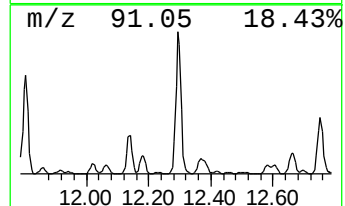
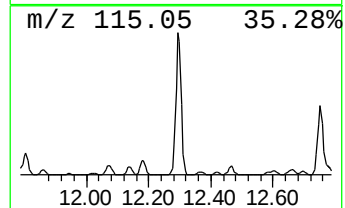
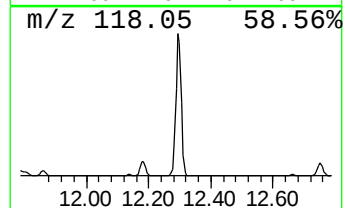
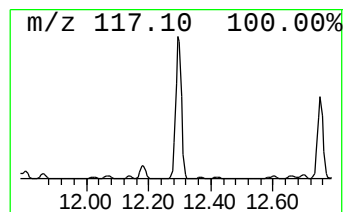
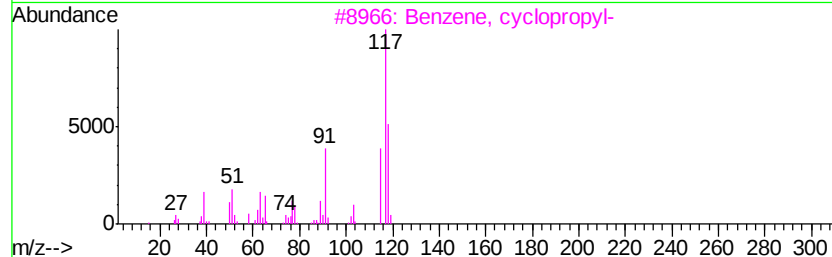
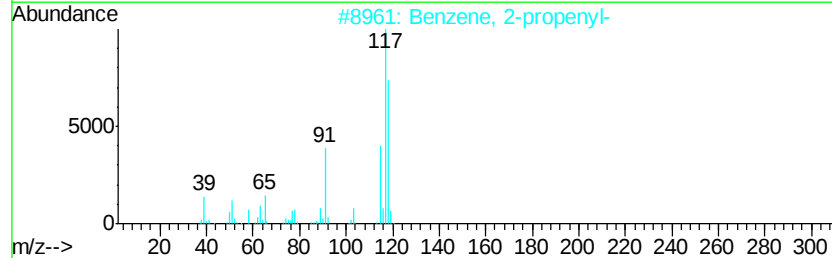
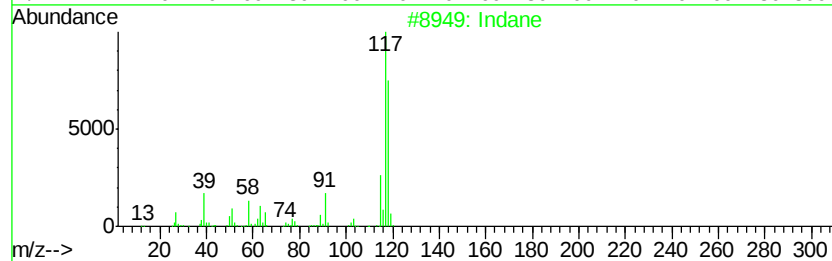
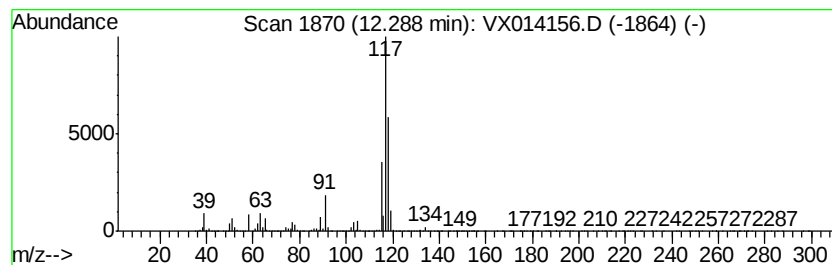
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Quant Title : SW846 8260

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

Peak Number 3 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	539.52 ug/l	38211000	1,4-Dichlorobenzene-d4	12.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	93
2	Benzene, 2-propenyl-		118	C9H10	000300-57-2	70
3	Benzene, cyclopropyl-		118	C9H10	000873-49-4	70
4	Benzene, 1-propenyl-		118	C9H10	000637-50-3	70
5	Benzene, 1-ethenyl-2-methyl-		118	C9H10	000611-15-4	64



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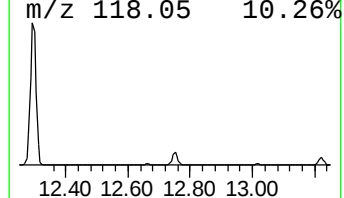
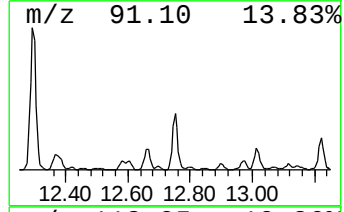
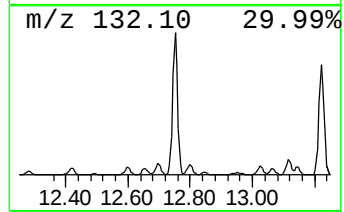
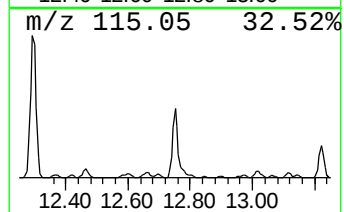
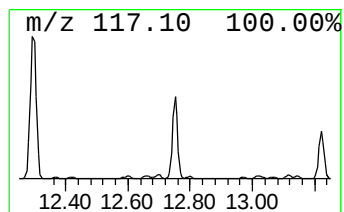
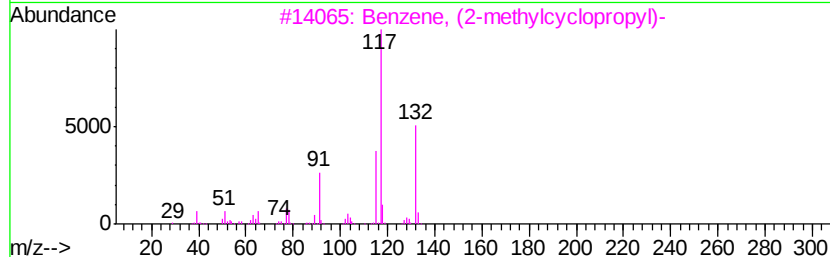
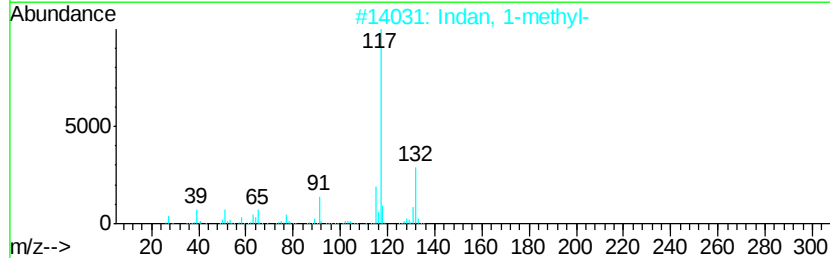
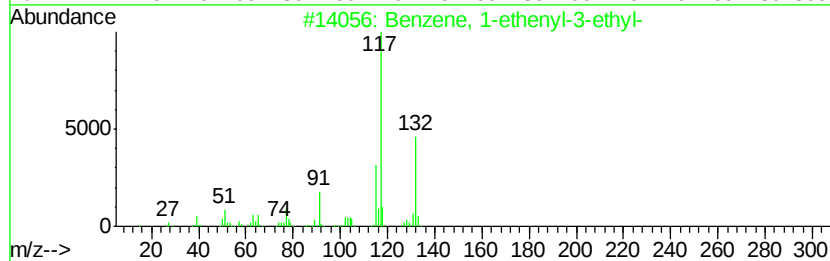
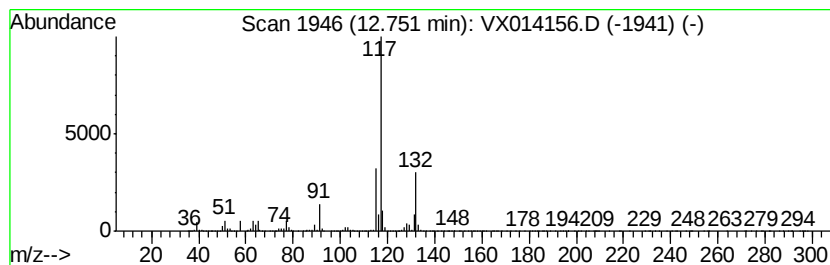
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	252.85 ug/l	17907800	1,4-Dichlorobenzene-d4	12.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2		Indan, 1-methyl-	132	C10H12	000767-58-8	90
3		Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	90
4		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
5		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90



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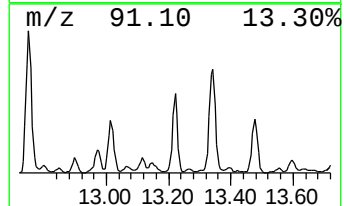
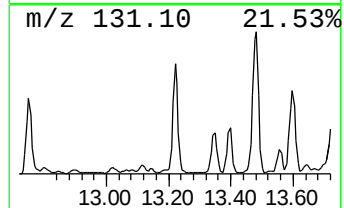
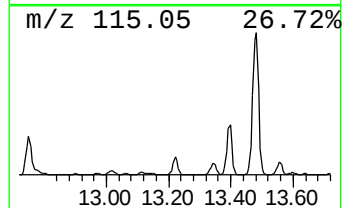
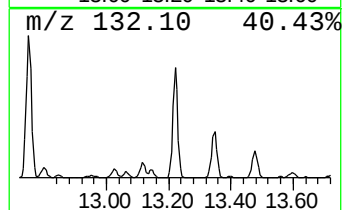
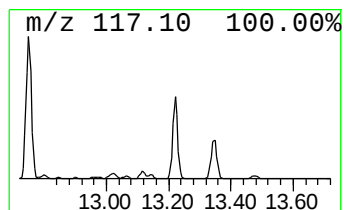
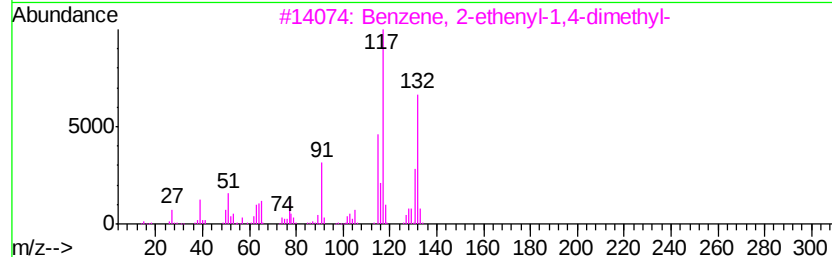
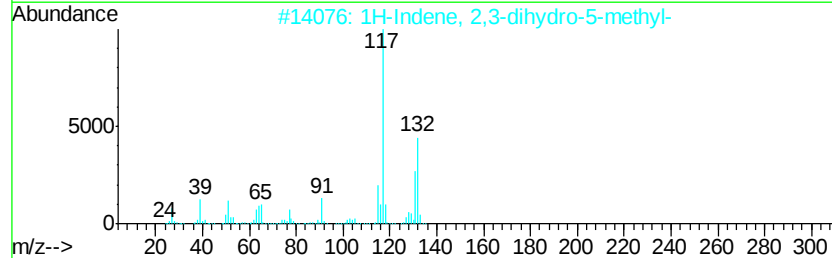
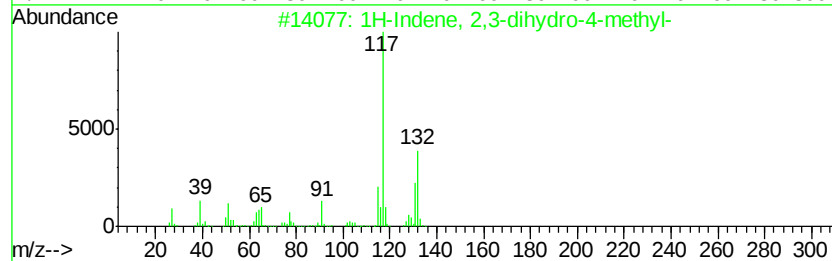
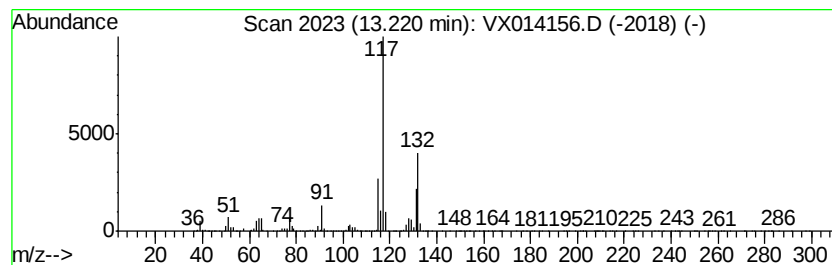
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Quant Title : SW846 8260

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

Peak Number 5 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	142.32 ug/l	10079900	1,4-Dichlorobenzene-d4	12.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
2		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
4		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
5		3-Phenylbut-1-ene	132	C10H12	000934-10-1	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121919\
Data File : VX014156.D
Acq On : 20 Dec 2019 06:25
Operator : JC/SP
Sample : K6372-17
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-12

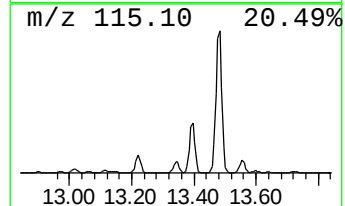
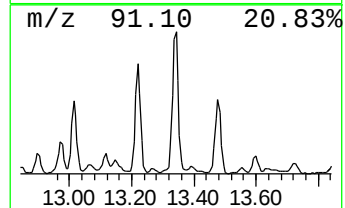
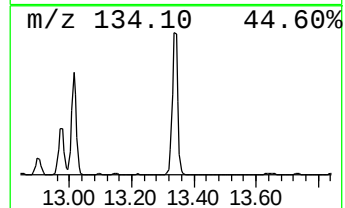
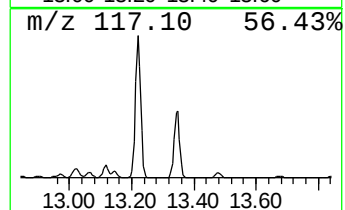
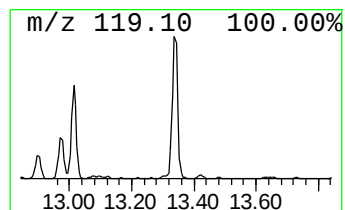
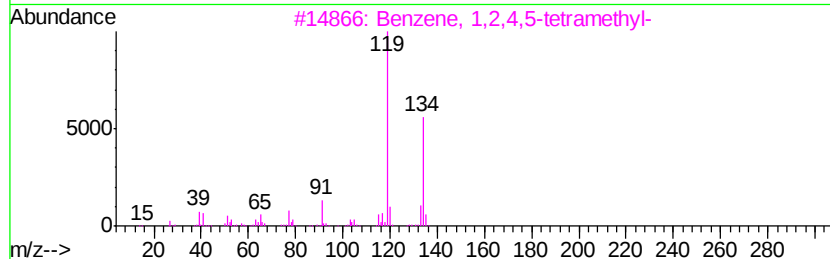
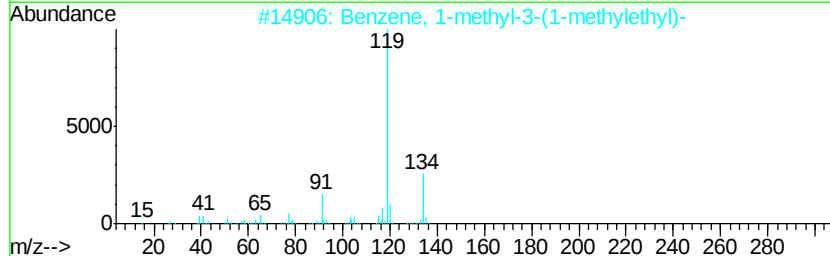
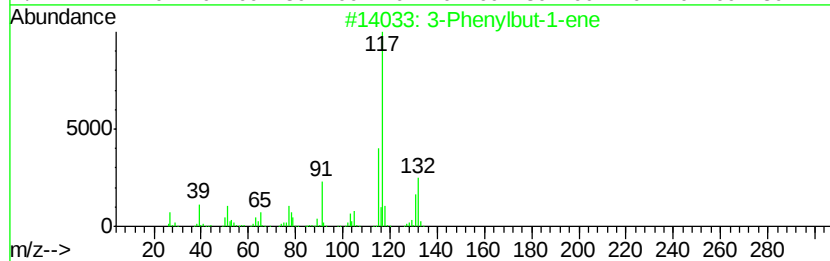
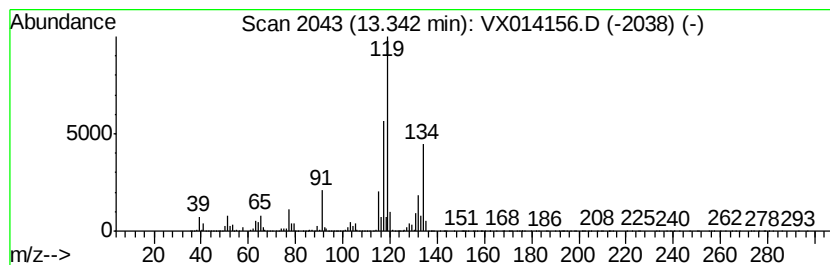
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Quant Title : SW846 8260

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

Peak Number 6 3-Phenylbut-1-ene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	168.84 ug/l	11957800	1,4-Dichlorobenzene-d4	12.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
5		p-Cymene	134	C10H14	000099-87-6	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121919\
Data File : VX014156.D
Acq On : 20 Dec 2019 06:25
Operator : JC/SP
Sample : K6372-17
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-12

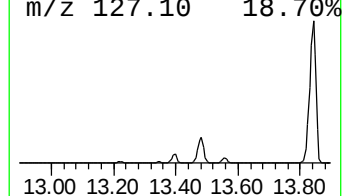
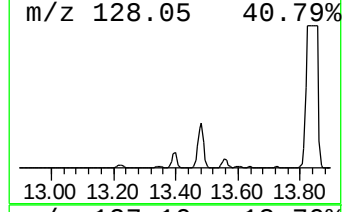
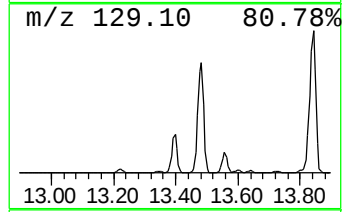
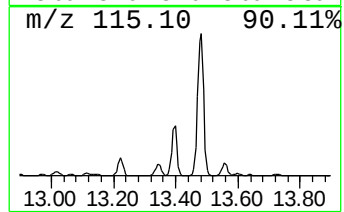
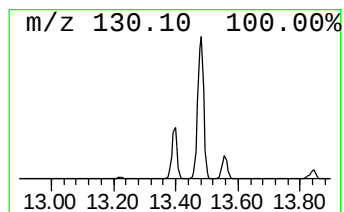
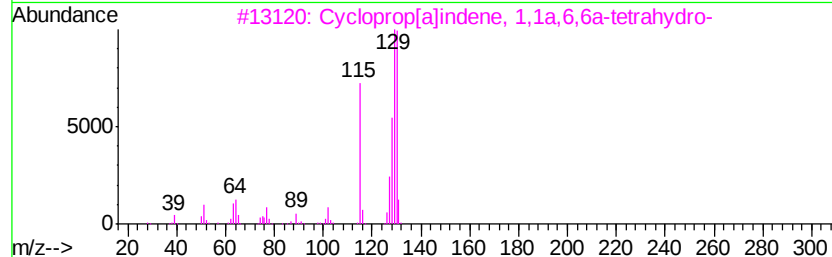
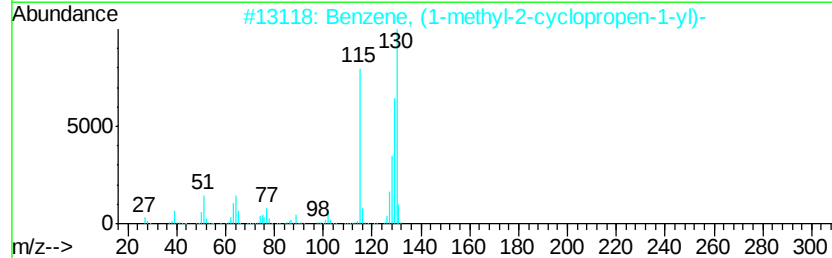
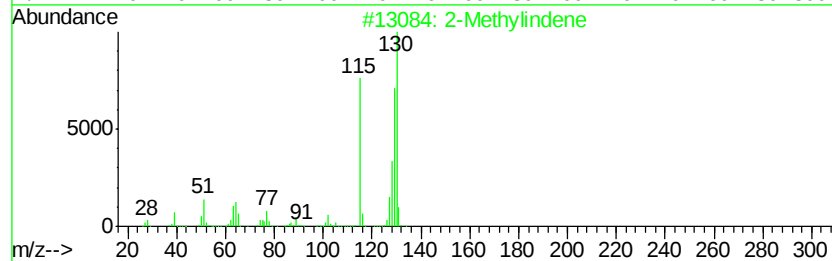
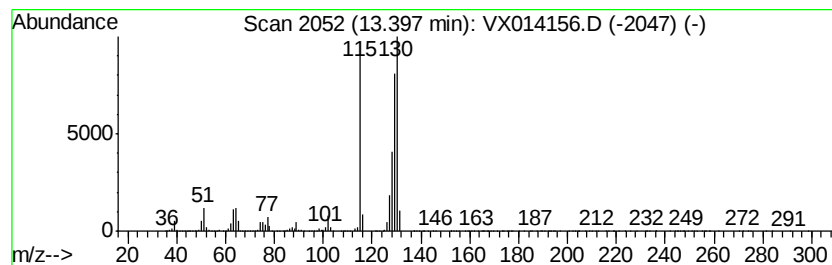
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Quant Title : SW846 8260

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

Peak Number 7 2-Methylindene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	185.65 ug/l	13148400	1,4-Dichlorobenzene-d4	12.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methylindene	130	C10H10	002177-47-1	97
2		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3		Cycloprop[alindene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
4		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
5		Benzene, 1-butylnyl-	130	C10H10	000622-76-4	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121919\
Data File : VX014156.D
Acq On : 20 Dec 2019 06:25
Operator : JC/SP
Sample : K6372-17
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 50 Sample Multiplier: 1

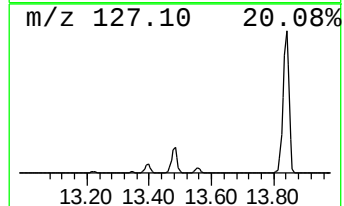
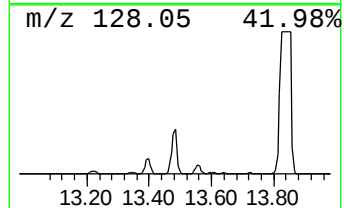
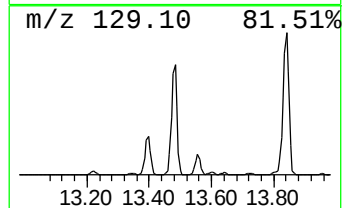
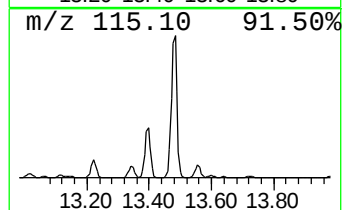
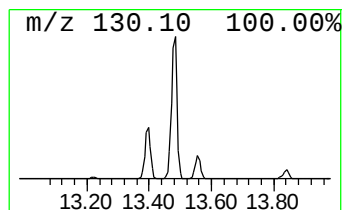
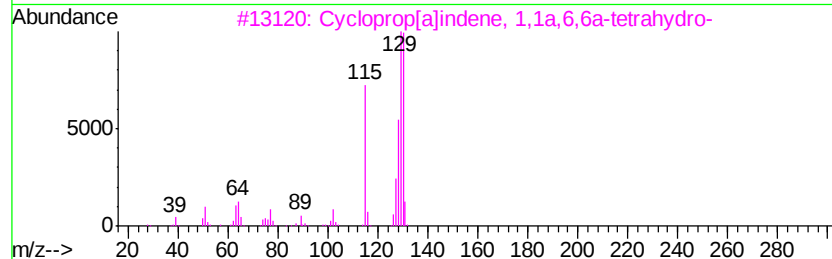
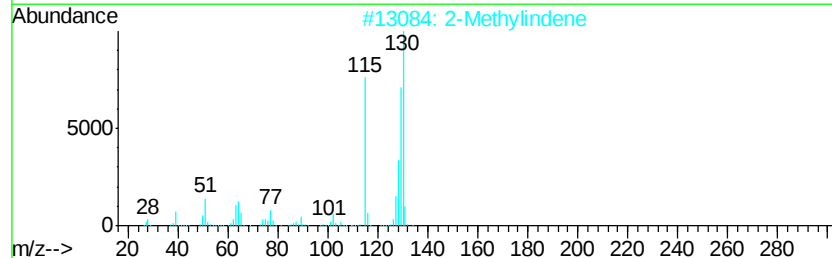
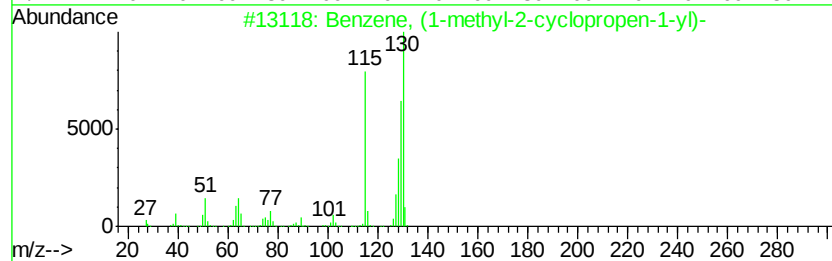
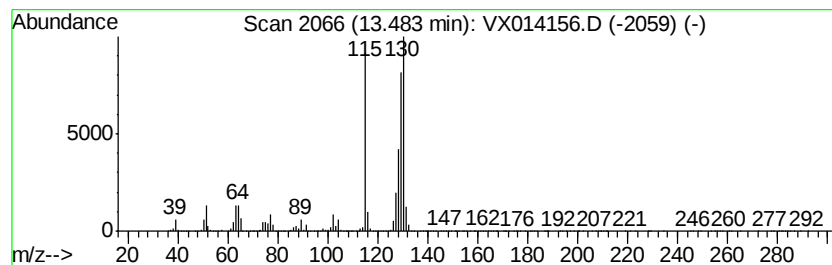
Instrument :
MSVOA_X
ClientSampleId :
MW-12

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260

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

Peak Number 8 Benzene, (1-methyl-2-cyclop... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	587.03 ug/l	41576000	1,4-Dichlorobenzene-d4	12.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, (1-methyl-2-cyclopropen...	130 C10H10	065051-83-4 97
2		2-Methylindene	130 C10H10	002177-47-1 97
3		Cyclopropylindene, 1,1a,6,6a-te...	130 C10H10	015677-15-3 95
4		Benzene,1-methyl-1,2-propadienyl-	130 C10H10	022433-39-2 94
5		1H-Indene, 1-methyl-	130 C10H10	000767-59-9 94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121919\
Data File : VX014156.D
Acq On : 20 Dec 2019 06:25
Operator : JC/SP
Sample : K6372-17
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
MW-12

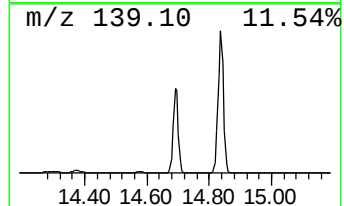
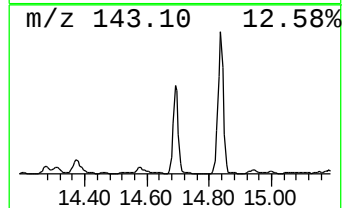
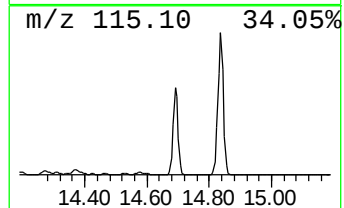
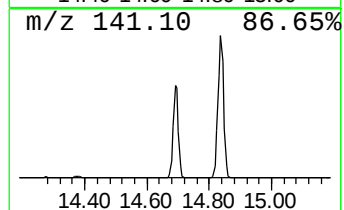
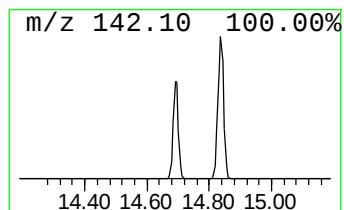
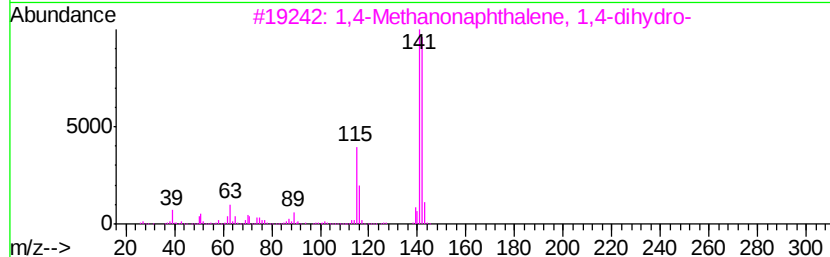
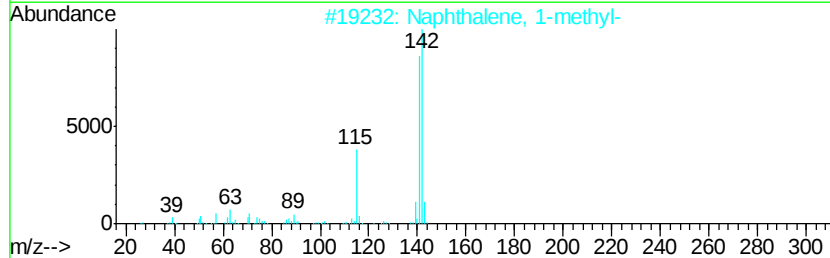
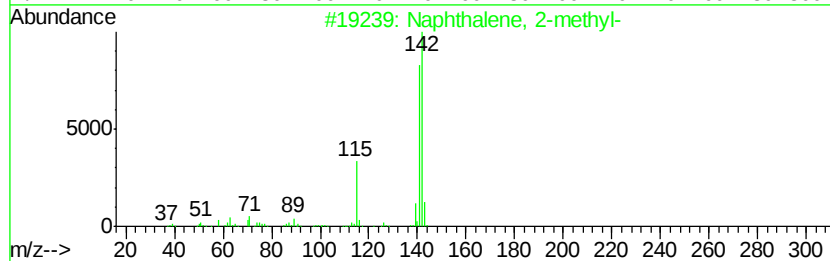
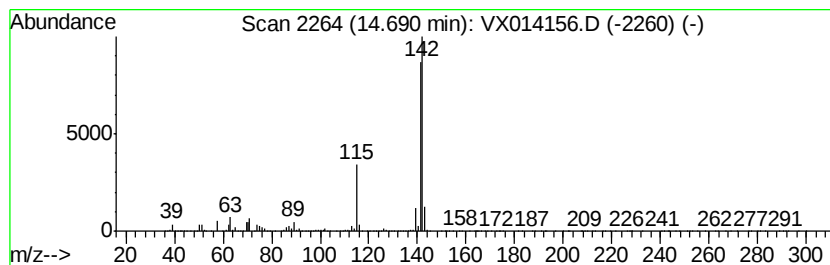
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	318.38 ug/l	22549400	1,4-Dichlorobenzene-d4	12.07

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	90
4		Benzocycloheptatriene	142	C11H10	000264-09-5	90
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	59



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121919\
Data File : VX014156.D
Acq On : 20 Dec 2019 06:25
Operator : JC/SP
Sample : K6372-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-12

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.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-...	11.67	182.8	ug/l	12947700	4	12.07	3541240	50.0
Benzene, 1,2,3-tr...	12.14	220.0	ug/l	15579600	4	12.07	3541240	50.0
Indane	12.29	539.5	ug/l	38211000	4	12.07	3541240	50.0
Benzene, 1-etheny...	12.75	252.8	ug/l	17907800	4	12.07	3541240	50.0
1H-Indene, 2,3-di...	13.22	142.3	ug/l	10079900	4	12.07	3541240	50.0
3-Phenylbut-1-ene	13.34	168.8	ug/l	11957800	4	12.07	3541240	50.0
2-Methylindene	13.40	185.7	ug/l	13148400	4	12.07	3541240	50.0
Benzene, (1-methy...	13.48	587.0	ug/l	41576000	4	12.07	3541240	50.0
Naphthalene, 1-me...	14.69	318.4	ug/l	22549400	4	12.07	3541240	50.0