

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122019\
 Data File : VX014188.D
 Acq On : 20 Dec 2019 20:42
 Operator : JC/SP
 Sample : K6372-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14

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	42	rBV	2541335	2894288	1.97%	0.599%
2	5.654	764	782	789	rBV2	556220	1966095	1.34%	0.407%
3	6.849	967	978	990	rBV	867366	1998282	1.36%	0.413%
4	8.709	1277	1283	1291	rVB	1787311	2743531	1.87%	0.568%
5	10.111	1507	1513	1517	rBV	1711978	2354903	1.61%	0.487%
6	10.245	1531	1535	1545	rVB	1144533	1509055	1.03%	0.312%
7	11.013	1656	1661	1666	rBV	4970513	6023904	4.11%	1.246%
8	11.135	1675	1681	1686	rBV	1442782	1941475	1.32%	0.402%
9	11.354	1712	1717	1723	rVB	4525065	5318395	3.63%	1.100%
10	11.452	1723	1733	1737	rBV	3829477	4932181	3.36%	1.020%
11	11.501	1737	1741	1747	rVB	2342677	2746482	1.87%	0.568%
12	11.665	1762	1768	1780	rVB	9337795	11889392	8.11%	2.460%
13	11.806	1780	1791	1796	rBV	33674417	42042072	28.67%	8.698%
14	11.860	1796	1800	1804	rVB	1441070	1676219	1.14%	0.347%
15	12.068	1830	1834	1840	rVB2	2516068	3854030	2.63%	0.797%
16	12.141	1840	1846	1850	rBV	11787311	14698036	10.02%	3.041%
17	12.293	1865	1871	1879	rBV	26233283	34460219	23.50%	7.129%
18	12.366	1879	1883	1888	rVV2	3281393	4392690	3.00%	0.909%
19	12.580	1913	1918	1920	rBV	1711073	2269461	1.55%	0.470%
20	12.604	1920	1922	1926	rVB	2258101	2397810	1.64%	0.496%
21	12.665	1926	1932	1935	rBV	4668075	5953279	4.06%	1.232%
22	12.751	1941	1946	1952	rBV	10857012	14586031	9.95%	3.018%
23	12.970	1975	1982	1986	rBV	1683360	2264350	1.54%	0.468%
24	13.013	1986	1989	1994	rVB	3585787	4466507	3.05%	0.924%
25	13.220	2018	2023	2028	rVB	7377774	8470321	5.78%	1.752%
26	13.342	2038	2043	2048	rBV2	7150565	9364495	6.39%	1.937%
27	13.397	2048	2052	2059	rVB	8236162	10019046	6.83%	2.073%
28	13.476	2059	2065	2071	rVB	28702141	37909311	25.85%	7.843%
29	13.555	2071	2078	2082	rBV	4720982	5737622	3.91%	1.187%
30	13.726	2099	2106	2111	rVB2	1064173	1579827	1.08%	0.327%
31	13.842	2115	2125	2130	rBV2	92313306	146624440	100.00%	30.335%
32	14.275	2191	2196	2199	rBV	2026798	3095662	2.11%	0.640%
33	14.372	2207	2212	2219	rVB	2560797	4531292	3.09%	0.937%
34	14.573	2241	2245	2253	rVB	1173228	1846696	1.26%	0.382%

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Integrator: RTE
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35	14.695	2259	2265	2274	rVB	24836580	31082898	21.20%	6.431%
36	14.836	2282	2288	2299	rVB	24474971	30533306	20.82%	6.317%
37	15.262	2350	2358	2364	rBV	1493607	2196978	1.50%	0.455%
38	15.439	2381	2387	2390	rBV	1221211	1736325	1.18%	0.359%
39	15.543	2398	2404	2409	rBV	1055308	1627879	1.11%	0.337%
40	15.677	2420	2426	2430	rBV	1905078	3114736	2.12%	0.644%
41	15.909	2454	2464	2476	rBV	503219	1509927	1.03%	0.312%
42	16.408	2537	2546	2555	rBV	1584801	2998261	2.04%	0.620%

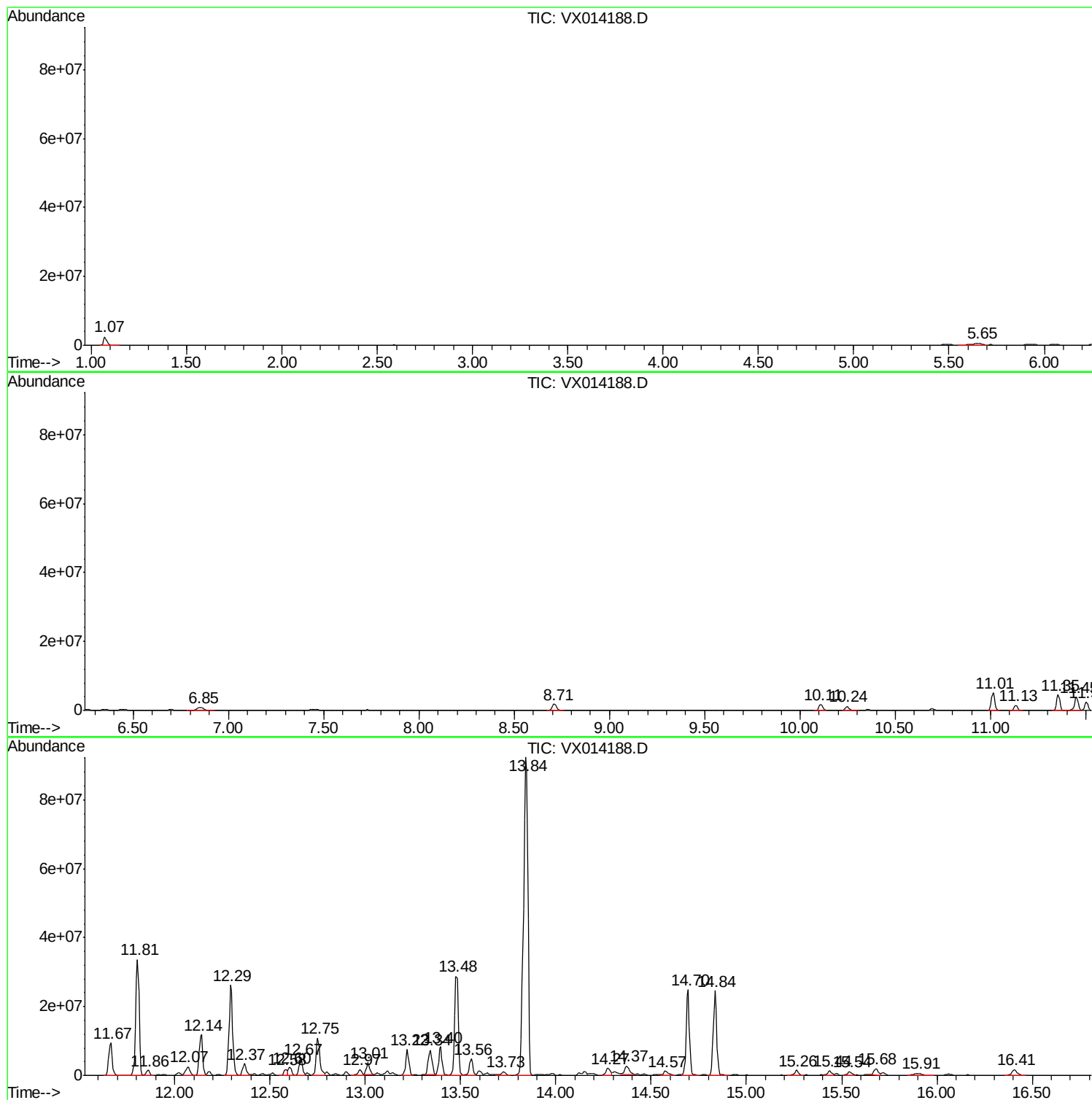
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Quant Title : SW846 8260

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



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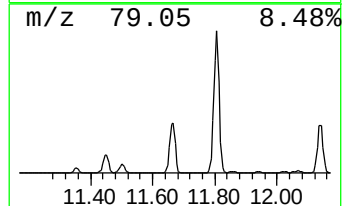
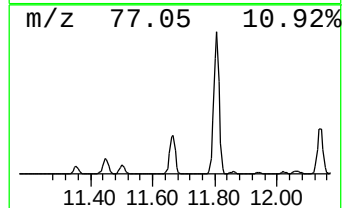
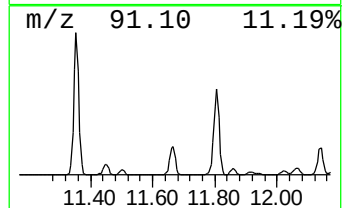
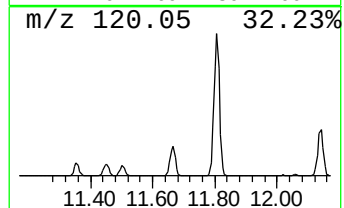
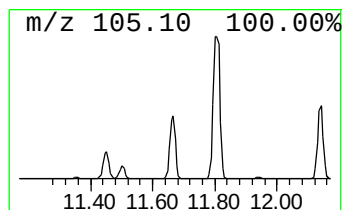
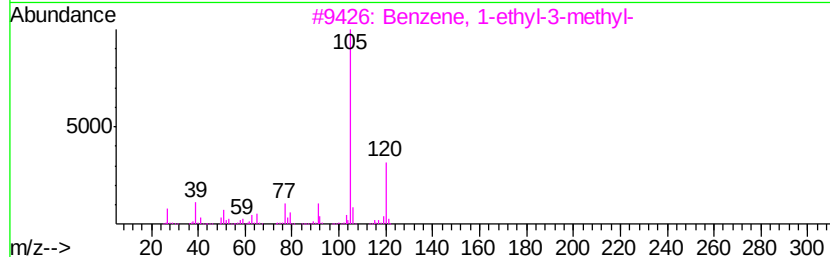
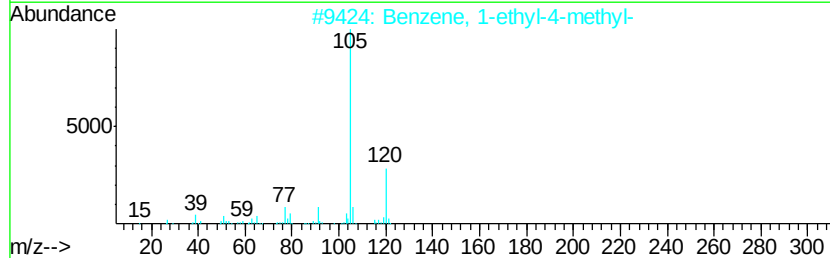
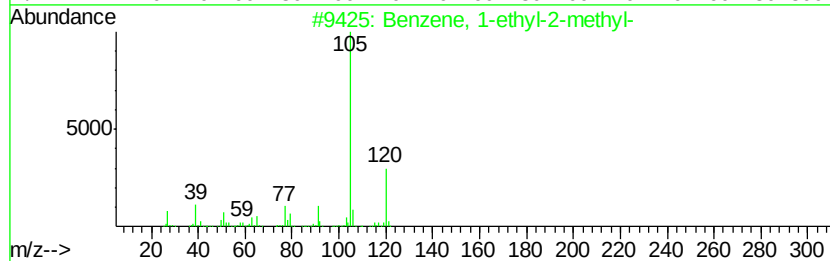
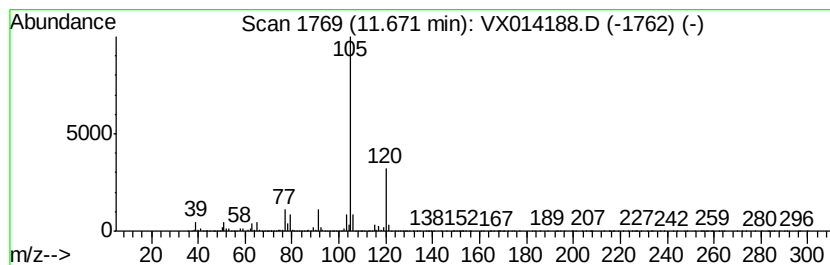
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	154.25 ug/l	11889400	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	95
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



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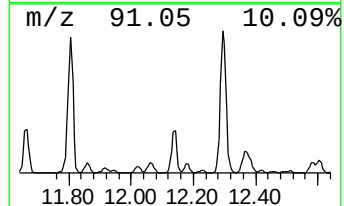
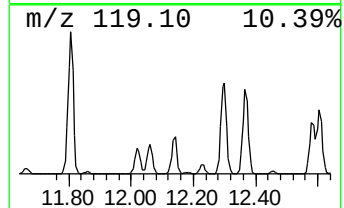
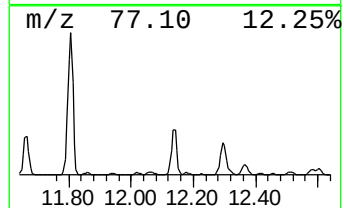
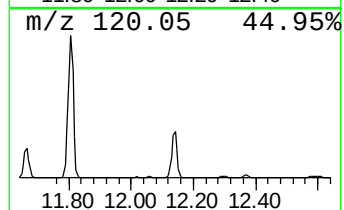
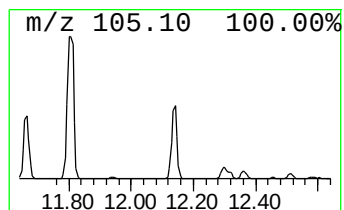
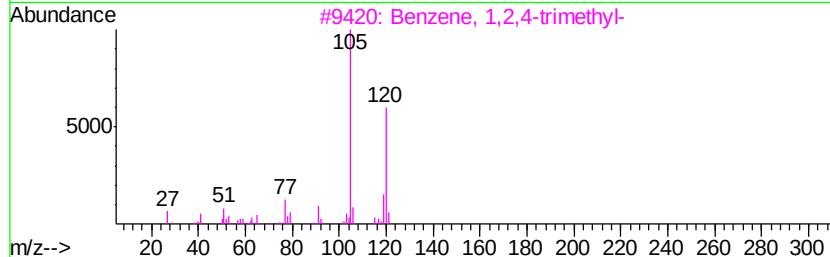
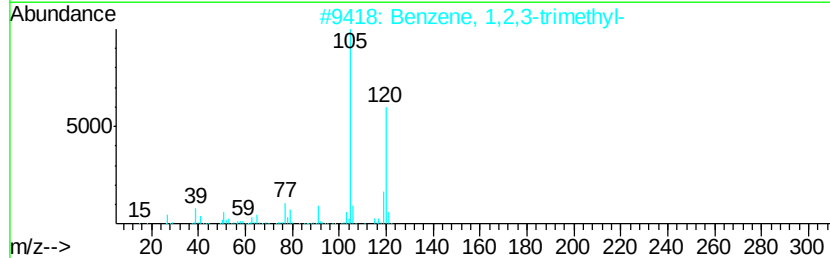
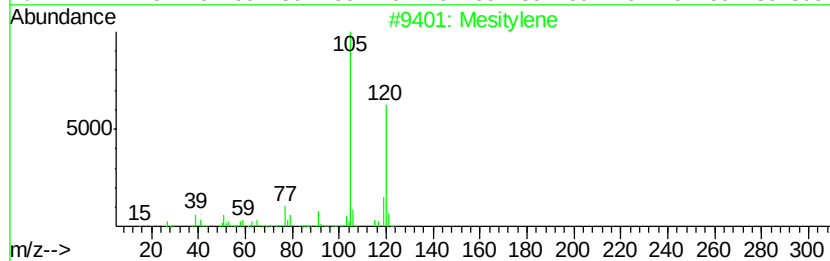
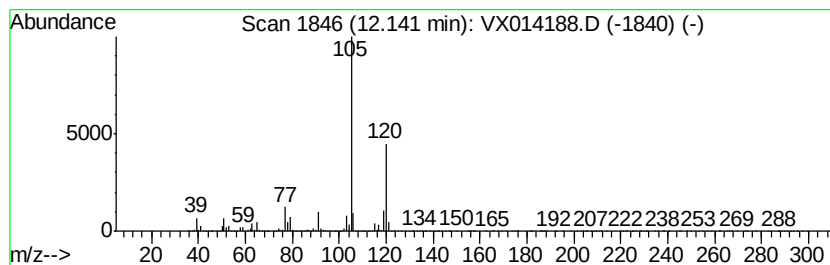
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Peak Number 2 Mesitylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	190.68 ug/l	14698000	1,4-Dichlorobenzene-d4	12.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene		120	C9H12	000108-67-8	95
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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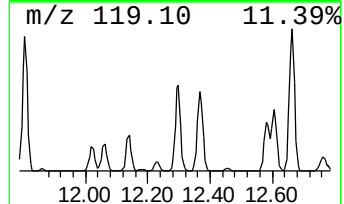
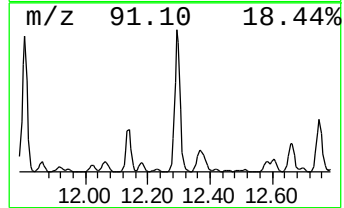
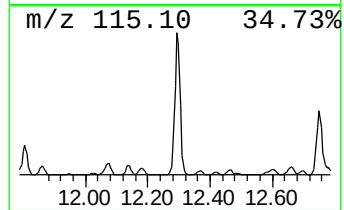
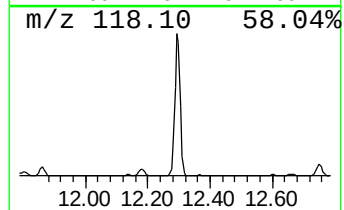
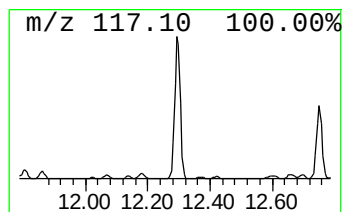
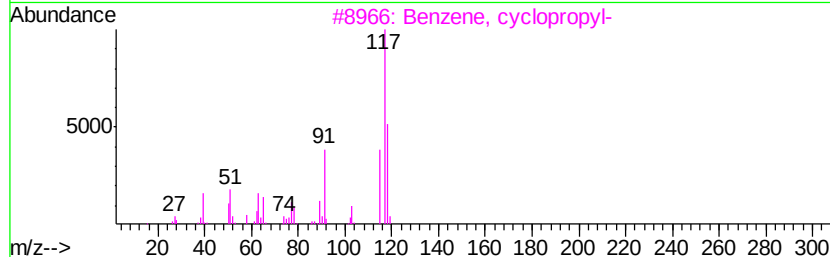
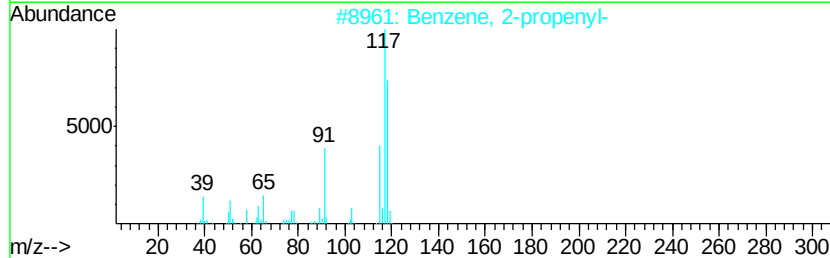
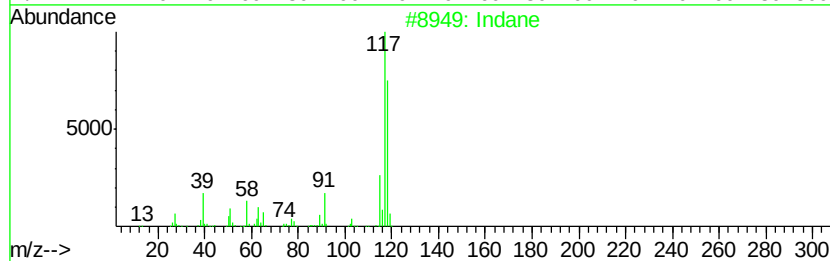
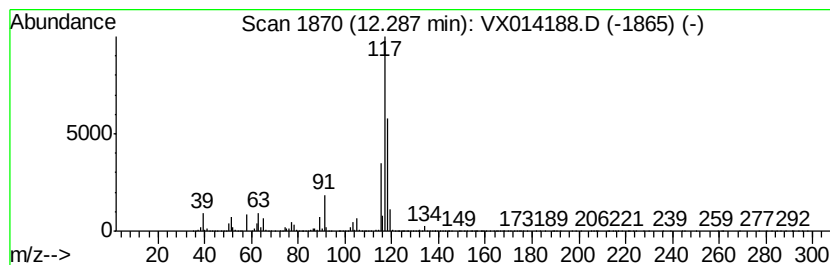
Instrument :
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Quant Title : SW846 8260

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	447.07 ug/l	34460200	1,4-Dichlorobenzene-d4	12.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Indane		118 C9H10	000496-11-7 81
2	Benzene, 2-propenyl-		118 C9H10	000300-57-2 81
3	Benzene, cyclopropyl-		118 C9H10	000873-49-4 76
4	Benzene, 1-ethenyl-2-methyl-		118 C9H10	000611-15-4 62
5	Benzene, 1-ethenyl-4-methyl-		118 C9H10	000622-97-9 53



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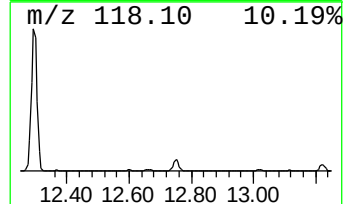
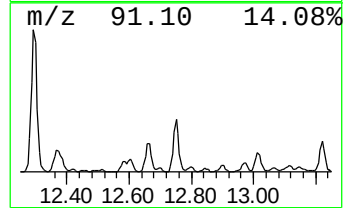
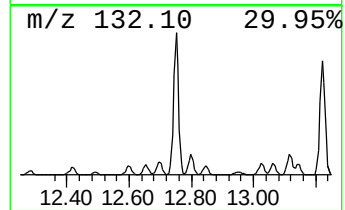
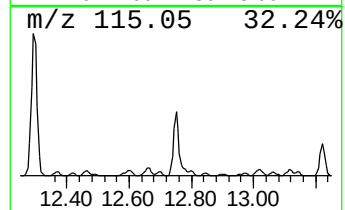
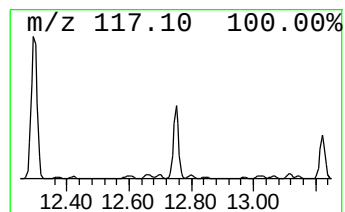
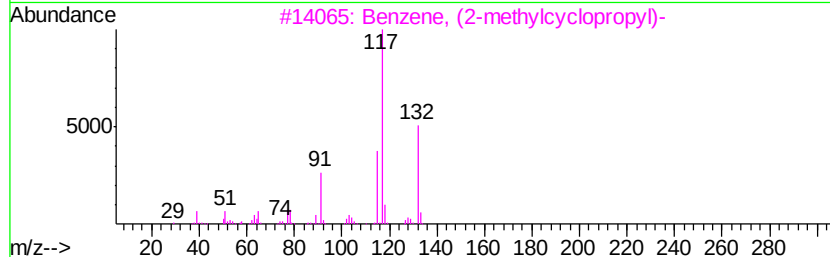
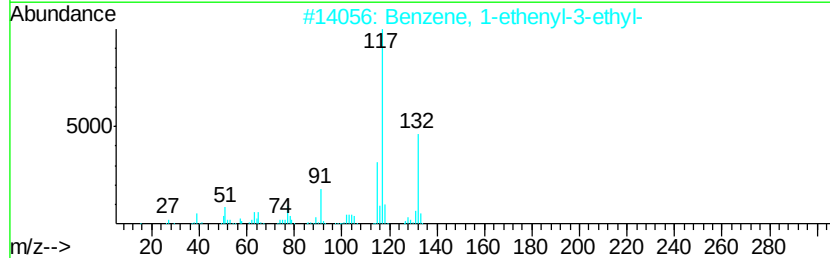
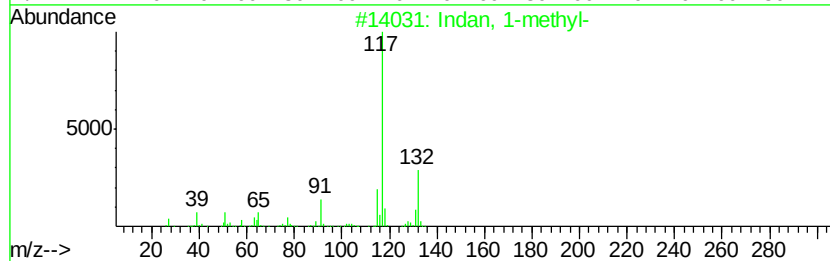
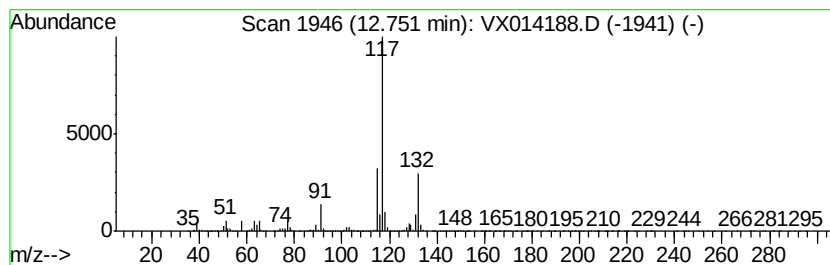
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Indan, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	189.23 ug/l	14586000	1,4-Dichlorobenzene-d4	12.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indan, 1-methyl-	132	C10H12	000767-58-8	91
2		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
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-2-propenyl)-	132	C10H12	003290-53-7	87



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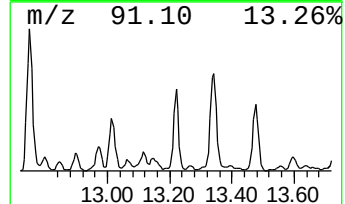
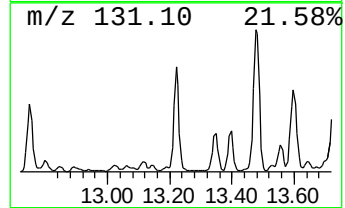
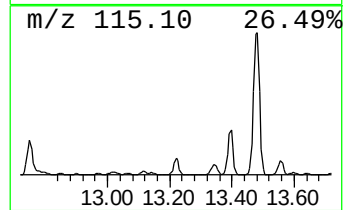
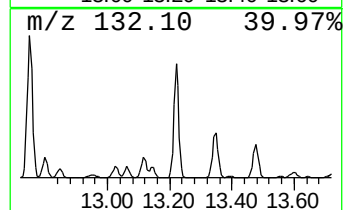
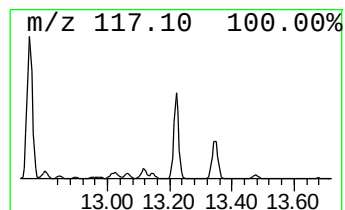
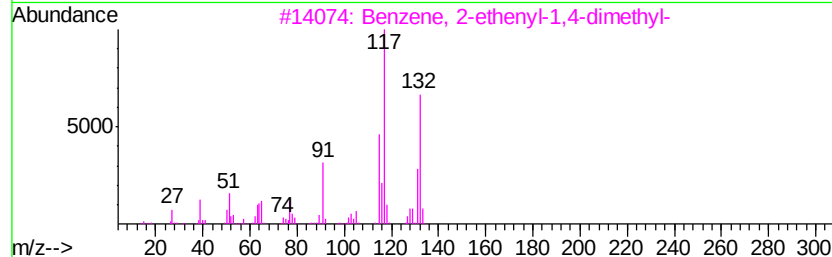
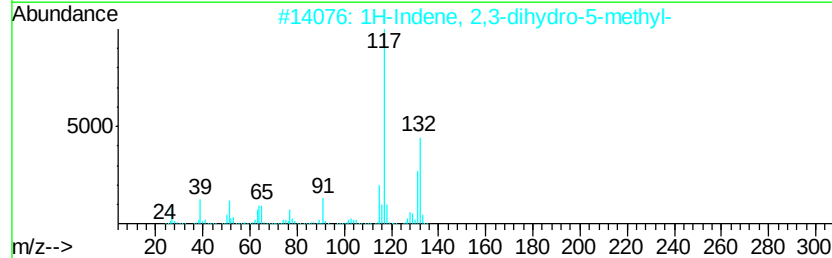
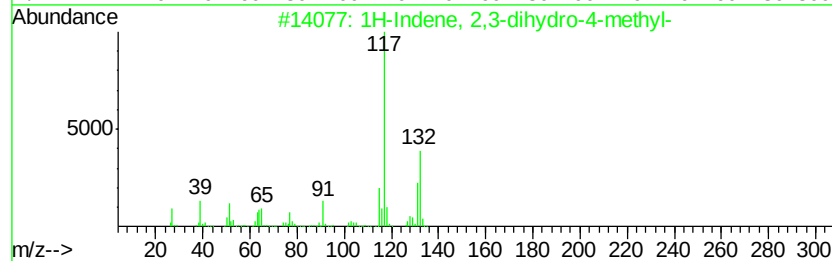
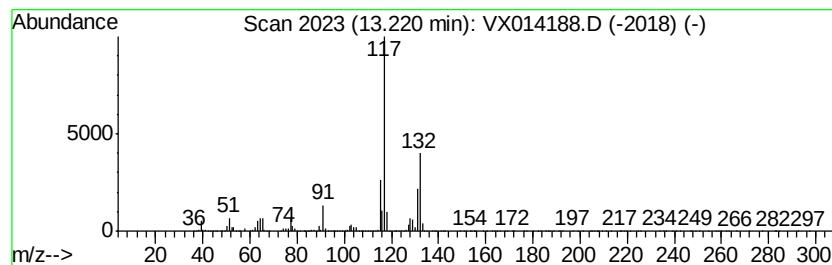
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Quant Title : SW846 8260

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	109.89 ug/l	8470320	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	95
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		1-Phenyl-1-butene	132	C10H12	000824-90-8	87
5		3-Phenylbut-1-ene	132	C10H12	000934-10-1	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122019\
Data File : VX014188.D
Acq On : 20 Dec 2019 20:42
Operator : JC/SP
Sample : K6372-18
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-14

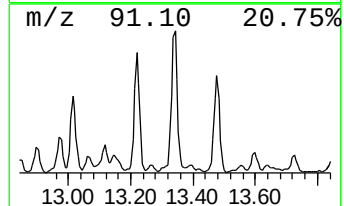
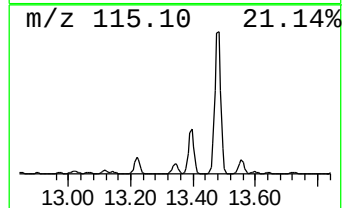
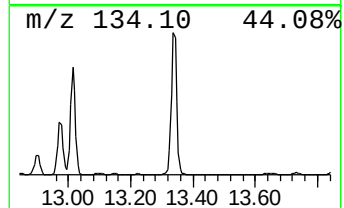
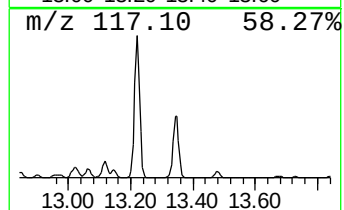
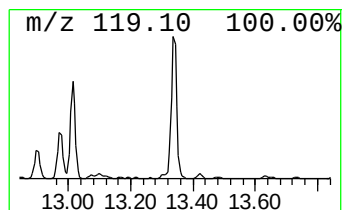
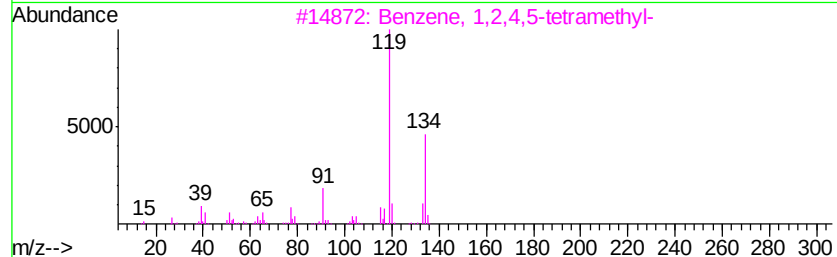
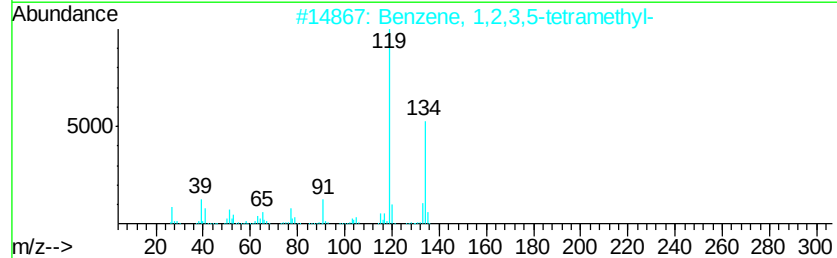
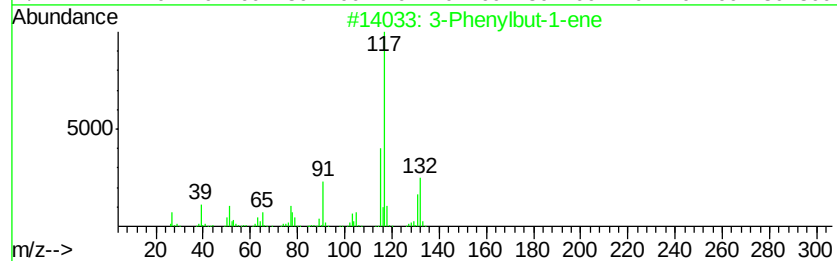
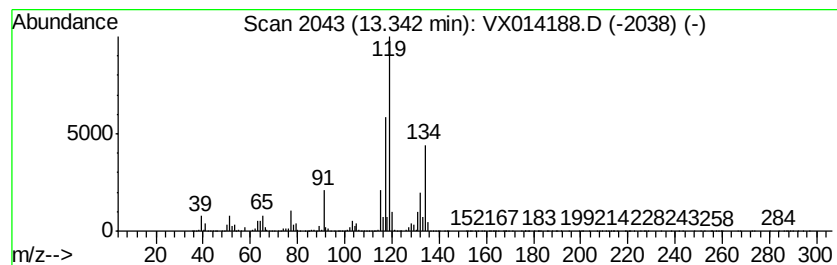
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Quant Title : SW846 8260

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	121.49 ug/l	9364500	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	80
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	60
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	60
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122019\
Data File : VX014188.D
Acq On : 20 Dec 2019 20:42
Operator : JC/SP
Sample : K6372-18
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 27 Sample Multiplier: 1

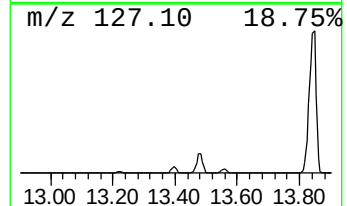
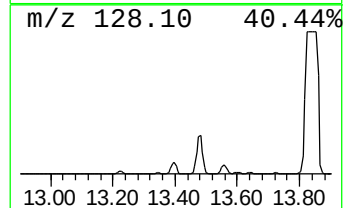
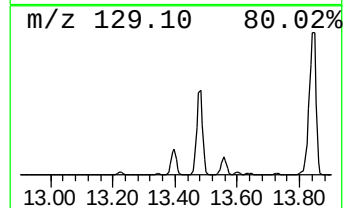
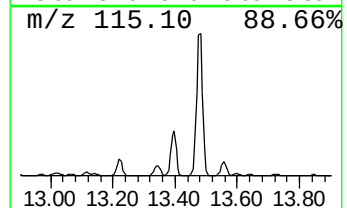
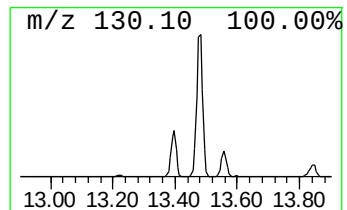
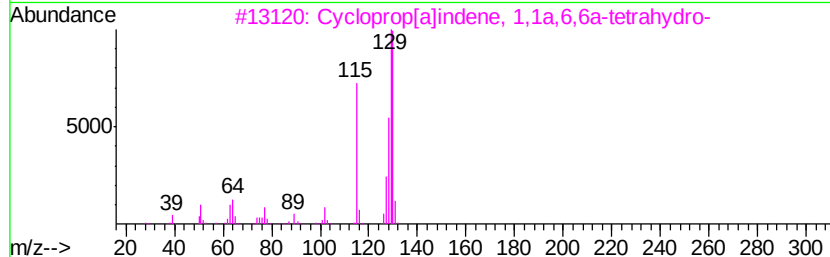
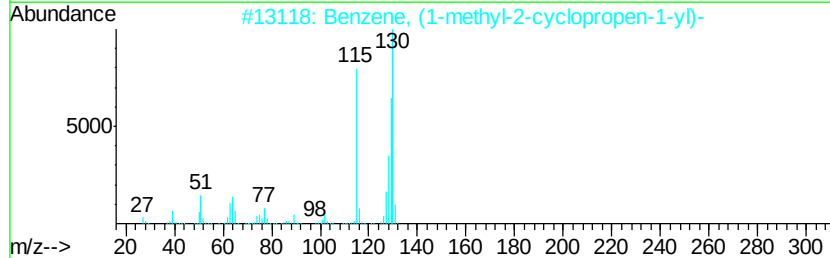
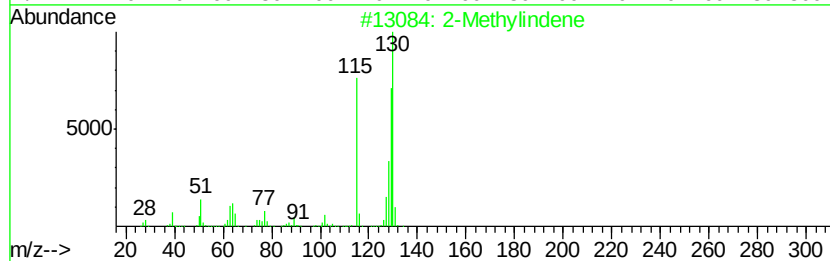
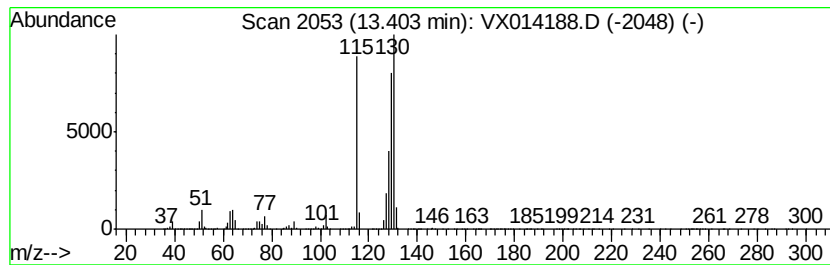
Instrument :
MSVOA_X
ClientSampleId :
MW-14

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 7 2-Methylindene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	129.98 ug/l	10019000	1,4-Dichlorobenzene-d4	12.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	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	1,4-Dihydronaphthalene	130 C10H10	000612-17-9	95
5	1H-Indene, 1-methyl-	130 C10H10	000767-59-9	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122019\
Data File : VX014188.D
Acq On : 20 Dec 2019 20:42
Operator : JC/SP
Sample : K6372-18
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-14

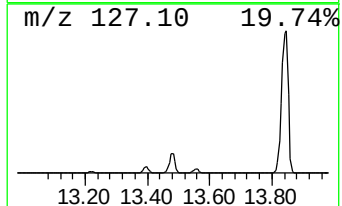
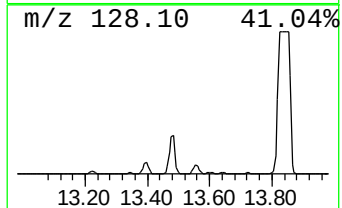
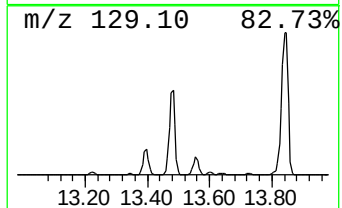
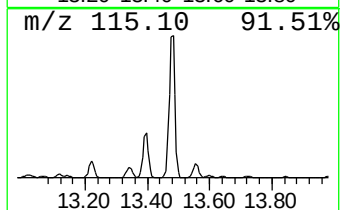
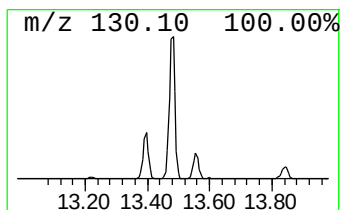
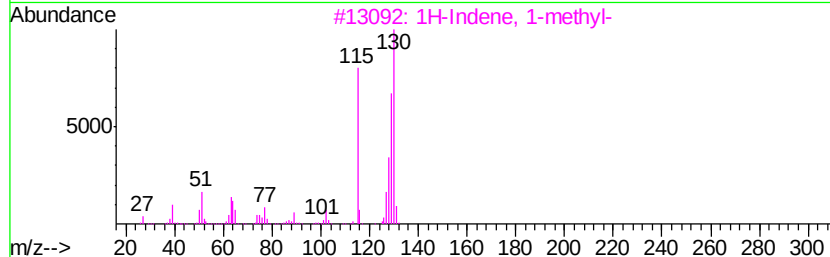
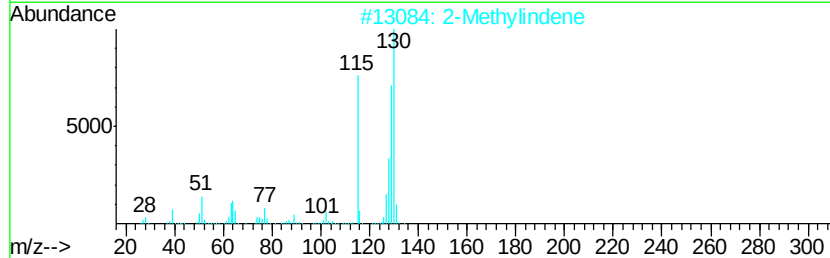
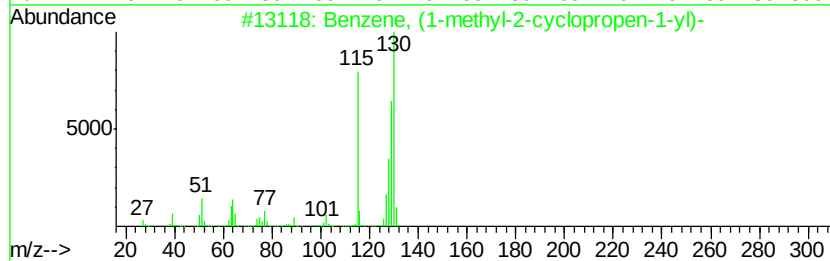
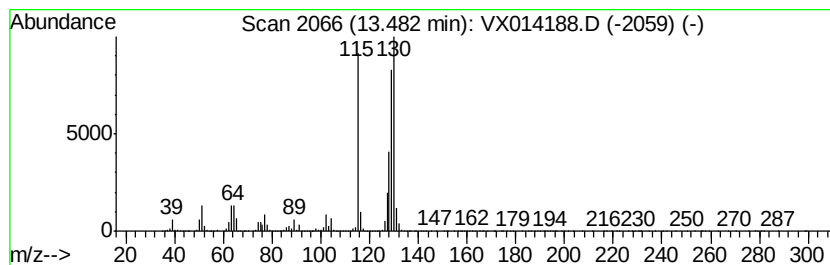
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260

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	491.81 ug/l	37909300	1,4-Dichlorobenzene-d4	12.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	97
2		2-Methylindene	130	C10H10	002177-47-1	97
3		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
4		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
5		1,4-Dihydronaphthalene	130	C10H10	000612-17-9	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122019\
Data File : VX014188.D
Acq On : 20 Dec 2019 20:42
Operator : JC/SP
Sample : K6372-18
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-14

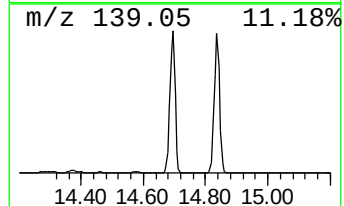
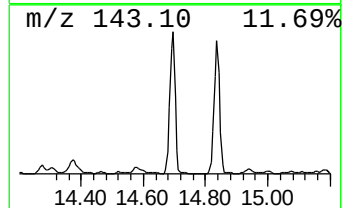
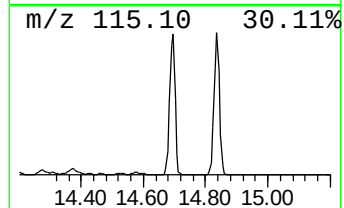
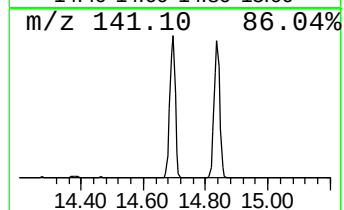
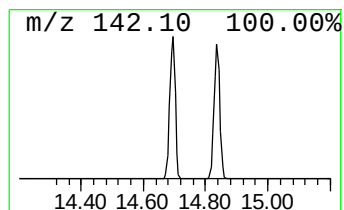
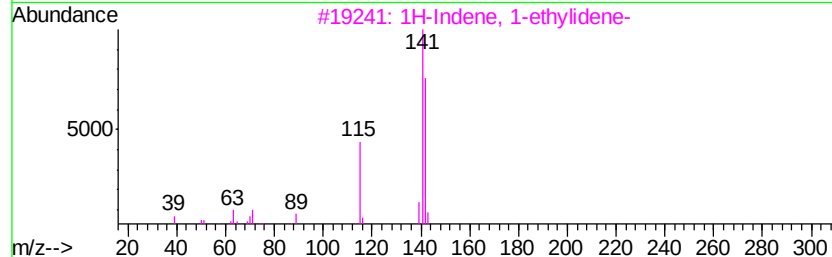
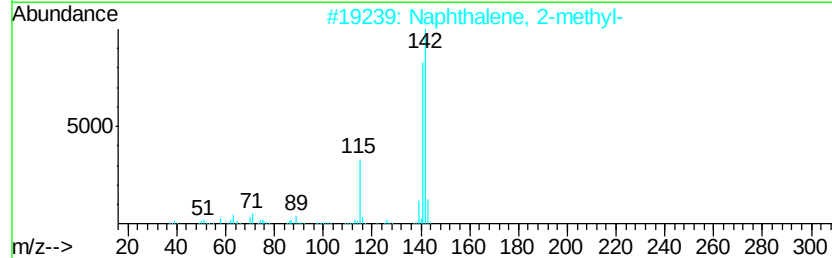
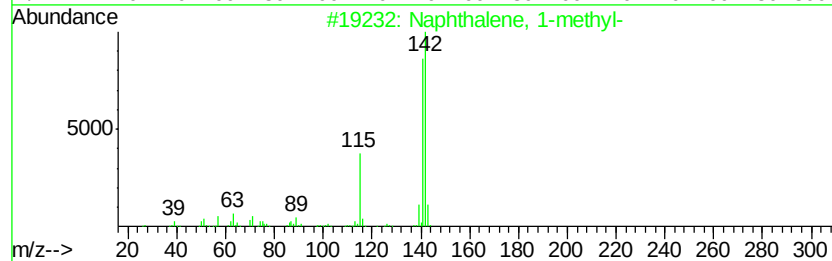
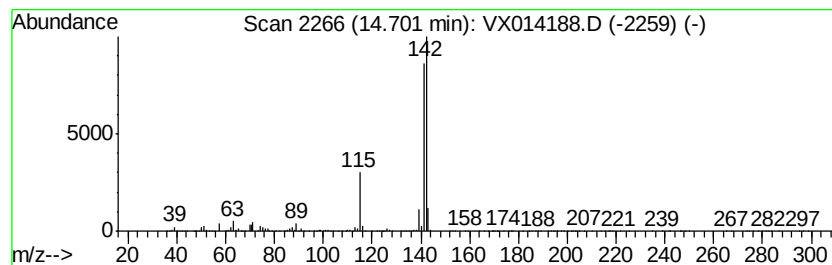
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	403.25 ug/l	31082900	1,4-Dichlorobenzene-d4	12.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	94
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122019\
Data File : VX014188.D
Acq On : 20 Dec 2019 20:42
Operator : JC/SP
Sample : K6372-18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-14

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	154.3	ug/l	11889400	4	12.07	3854030	50.0
Mesitylene	12.14	190.7	ug/l	14698000	4	12.07	3854030	50.0
Indane	12.29	447.1	ug/l	34460200	4	12.07	3854030	50.0
Indan, 1-methyl-	12.75	189.2	ug/l	14586000	4	12.07	3854030	50.0
1H-Indene, 2,3-di...	13.22	109.9	ug/l	8470320	4	12.07	3854030	50.0
3-Phenylbut-1-ene	13.34	121.5	ug/l	9364500	4	12.07	3854030	50.0
2-Methylindene	13.40	130.0	ug/l	10019000	4	12.07	3854030	50.0
Benzene, (1-methy...	13.48	491.8	ug/l	37909300	4	12.07	3854030	50.0
Naphthalene, 1-me...	14.70	403.3	ug/l	31082900	4	12.07	3854030	50.0