

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062019\
 Data File : VX010368.D
 Acq On : 20 Jun 2019 19:32
 Operator : JC/SP
 Sample : K3469-06MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-3-8.0-061919MS

Quant Time: Jun 21 01:24:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	284319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	435912	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	390551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	196602	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	135726	50.91	ug/l	0.00
Spiked Amount			Recovery	=	101.82%	
35) Dibromofluoromethane	5.50	113	134361	50.38	ug/l	0.00
Spiked Amount			Recovery	=	100.76%	
50) Toluene-d8	8.71	98	508568	49.84	ug/l	0.00
Spiked Amount			Recovery	=	99.68%	
62) 4-Bromofluorobenzene	11.13	95	181217	49.19	ug/l	0.00
Spiked Amount			Recovery	=	98.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	94176	47.644	ug/l	99
3) Chloromethane	1.32	50	104172	45.258	ug/l	100
4) Vinyl Chloride	1.41	62	121363	48.140	ug/l	99
5) Bromomethane	1.64	94	43275	35.234	ug/l	97
6) Chloroethane	1.71	64	75915	51.039	ug/l	99
7) Trichlorofluoromethane	1.93	101	204141	51.080	ug/l	99
8) Diethyl Ether	2.19	74	73538	51.310	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	117773	48.629	ug/l	100
10) Methyl Iodide	2.51	142	98263	28.430	ug/l	99
11) Tert butyl alcohol	3.05	59	168756	241.928	ug/l	99
12) 1,1-Dichloroethene	2.37	96	124954	50.703	ug/l	99
13) Acrolein	2.29	56	89463	193.335	ug/l	98
14) Allyl chloride	2.73	41	182197	52.075	ug/l	100
15) Acrylonitrile	3.14	53	361400	261.683	ug/l	99
16) Acetone	2.45	43	292290	218.779	ug/l	97
17) Carbon Disulfide	2.57	76	331309	50.110	ug/l	99
18) Methyl Acetate	2.78	43	130324	48.944	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	408860	52.737	ug/l	100
20) Methylene Chloride	2.85	84	140492	51.099	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	134515	50.751	ug/l	96
22) Diisopropyl ether	3.86	45	376680	51.493	ug/l #	87
23) Vinyl Acetate	3.82	43	1624810	257.112	ug/l	100
24) 1,1-Dichloroethane	3.70	63	218607	51.700	ug/l	98
25) 2-Butanone	4.67	43	491450	250.772	ug/l	97
26) 2,2-Dichloropropane	4.59	77	173260	47.169	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	158604	51.783	ug/l	99
28) Bromochloromethane	5.01	49	96851	47.906	ug/l	100
29) Tetrahydrofuran	5.13	42	322580	265.742	ug/l	100
30) Chloroform	5.21	83	233124	51.241	ug/l	99
31) Cyclohexane	5.58	56	194620	50.543	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	209611	52.178	ug/l	99
36) 1,1-Dichloropropene	5.80	75	168813	48.734	ug/l	99
37) Ethyl Acetate	4.84	43	179370	50.334	ug/l	100
38) Carbon Tetrachloride	5.79	117	190087	50.676	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	217377	47.740	ug/l	99
40) Benzene	6.14	78	547760	50.756	ug/l	100
41) Methacrylonitrile	5.04	41	100735	51.519	ug/l	99
42) 1,2-Dichloroethane	6.19	62	169582	51.622	ug/l	99
43) Isopropyl Acetate	6.45	43	300094	50.898	ug/l	100
44) Trichloroethene	7.21	130	160288	49.636	ug/l	99
45) 1,2-Dichloropropane	7.51	63	136430	50.061	ug/l	99
46) Dibromomethane	7.66	93	99810	51.045	ug/l	99
47) Bromodichloromethane	7.90	83	184927	51.607	ug/l	99
48) Methyl methacrylate	7.77	41	144769	52.825	ug/l	100
49) 1,4-Dioxane	7.74	88	82784	1048.598	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	973656	258.208	ug/l	100
52) Toluene	8.79	92	357065	50.242	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	203923	50.759	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	223984	51.304	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	149547	51.022	ug/l	99
56) Ethyl methacrylate	9.18	69	229047	51.586	ug/l	100
57) 1,3-Dichloropropane	9.37	76	231882	50.965	ug/l	100
59) 2-Hexanone	9.49	43	743015	250.361	ug/l	100
60) Dibromochloromethane	9.58	129	171708	52.321	ug/l	100
61) 1,2-Dibromoethane	9.67	107	164769	52.081	ug/l	99
64) Tetrachloroethene	9.34	164	142597	45.142	ug/l	98
65) Chlorobenzene	10.13	112	400140	50.466	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	154935	53.645	ug/l	99
67) Ethyl Benzene	10.25	91	679470	50.761	ug/l	99
68) m/p-Xylenes	10.36	106	524271	101.081	ug/l	100
69) o-Xylene	10.69	106	258044	50.591	ug/l	99
70) Styrene	10.71	104	438506	51.264	ug/l	100
71) Bromoform	10.85	173	136405	54.310	ug/l	99
73) Isopropylbenzene	11.02	105	675164	50.661	ug/l	99
74) N-amyl acetate	10.90	43	260687	51.758	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	229499	51.998	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	253392	70.728	ug/l	81
77) Bromobenzene	11.26	156	186242	50.047	ug/l	99
78) n-propylbenzene	11.36	91	749932	51.200	ug/l	100
79) 2-Chlorotoluene	11.42	91	439965	50.443	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	561688	51.125	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	76076	49.539	ug/l	98
82) 4-Chlorotoluene	11.51	91	505403	50.924	ug/l	98
83) tert-Butylbenzene	11.77	119	583241	52.891	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	572063	51.826	ug/l	99
85) sec-Butylbenzene	11.94	105	664053	51.289	ug/l	100
86) p-Isopropyltoluene	12.06	119	614362	51.300	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	323953	49.871	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	322565	48.777	ug/l	100
89) n-Butylbenzene	12.38	91	528374	51.921	ug/l	99
90) Hexachloroethane	12.60	117	111402	53.797	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	319562	49.498	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	48520	50.988	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	225370	50.338	ug/l	99

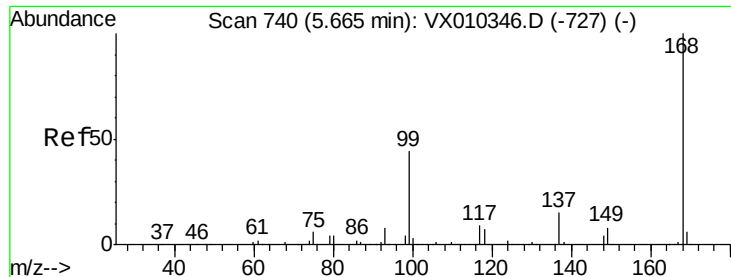
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062019\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	104754	47.874	ug/l	99
95) Naphthalene	13.83	128	754024	54.804	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	227386	51.081	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

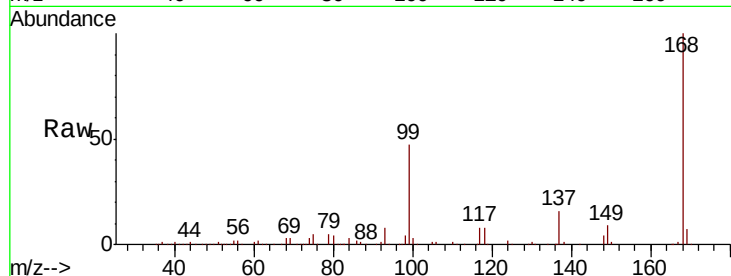
T11-MW-3-8.0-061919MS

Tot Ion:168 Resp: 284319

Ion Ratio Lower Upper

168 100

99 46.6 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

40000

20000

0

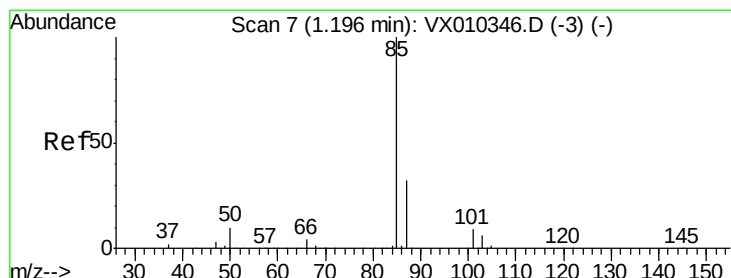
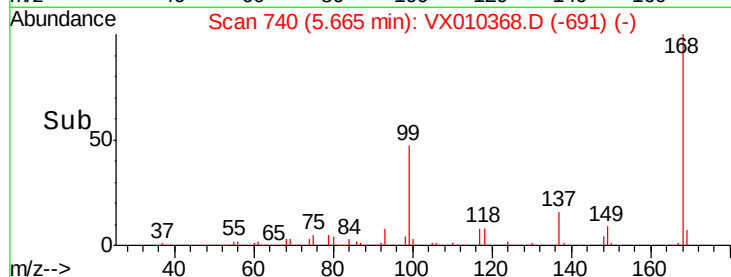
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 47.644 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010368.D

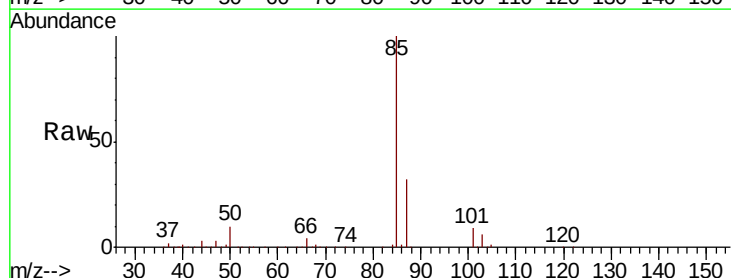
Acq: 20 Jun 2019 19:32

Tgt Ion: 85 Resp: 94176

Ion Ratio Lower Upper

85 100

87 31.8 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

40000

20000

0

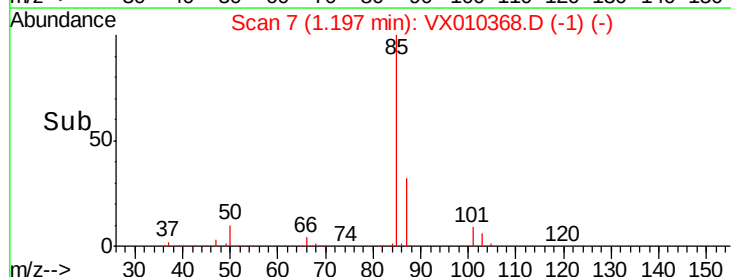
Time-->

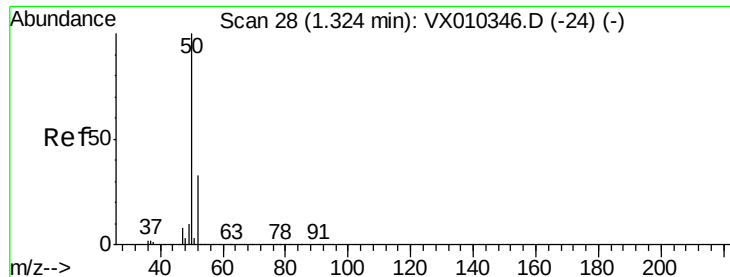
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 45.258 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

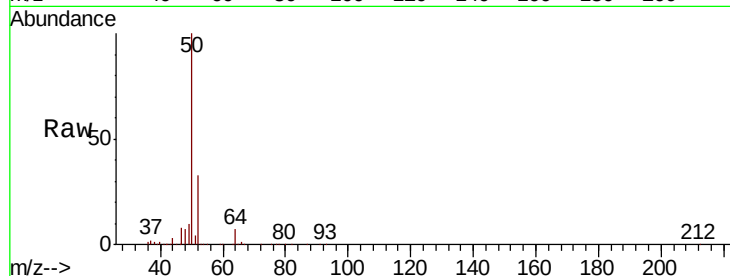
T11-MW-3-8.0-061919MS

Tot Ion: 50 Resp: 104172

Ion Ratio Lower Upper

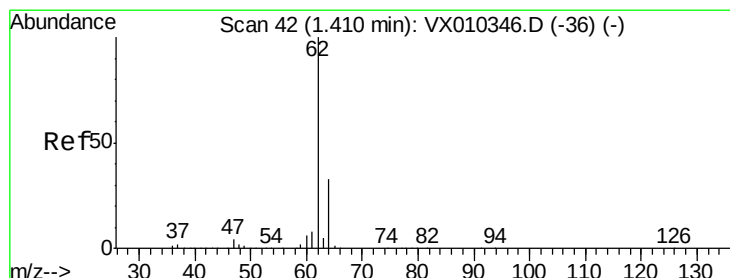
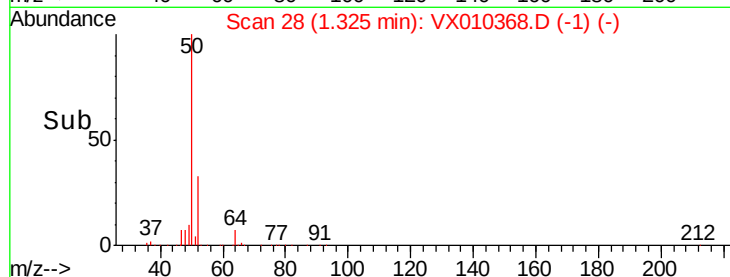
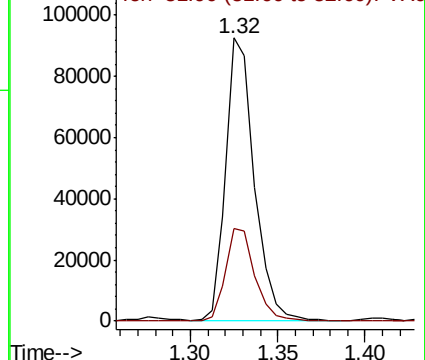
50 100

52 32.9 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.140 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010368.D

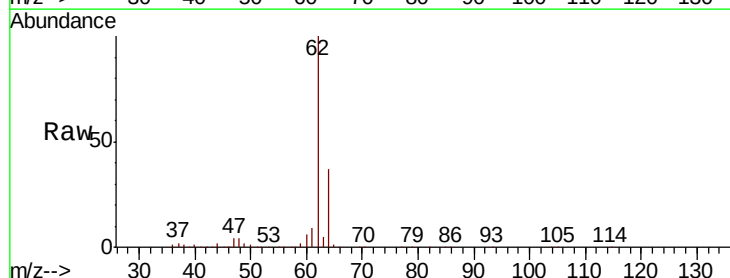
Acq: 20 Jun 2019 19:32

Tgt Ion: 62 Resp: 121363

Ion Ratio Lower Upper

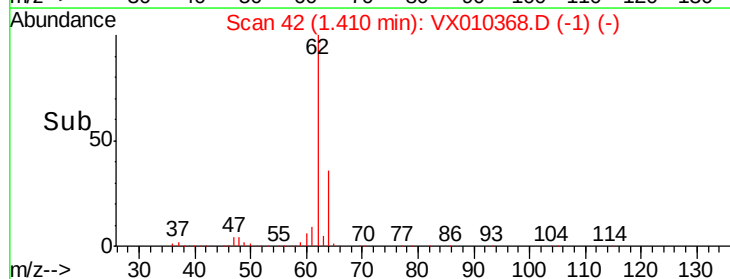
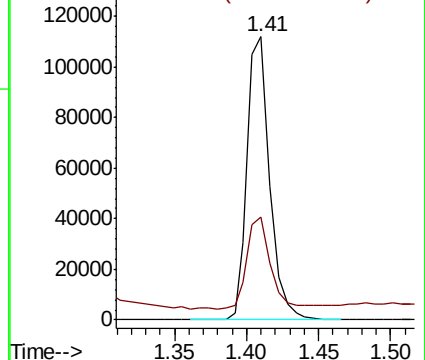
62 100

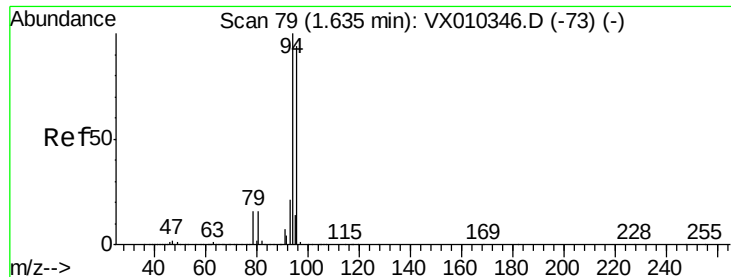
64 32.5 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 35.234 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

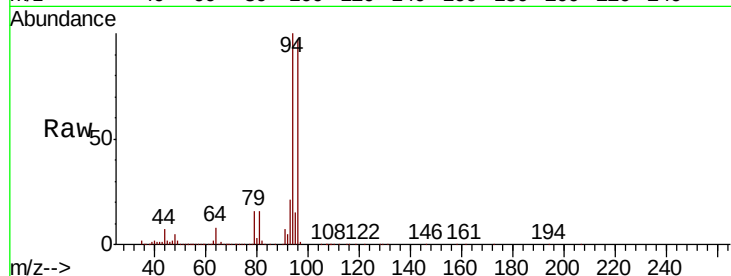
T11-MW-3-8.0-061919MS

Tot Ion: 94 Resp: 43275

Ion Ratio Lower Upper

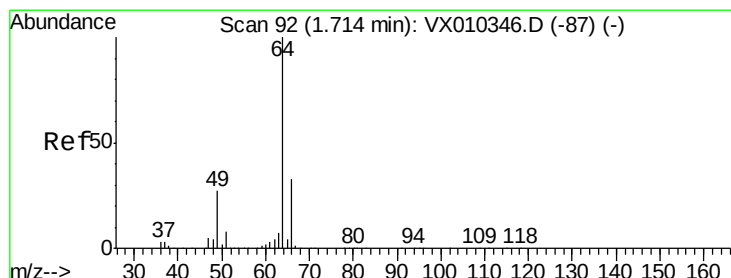
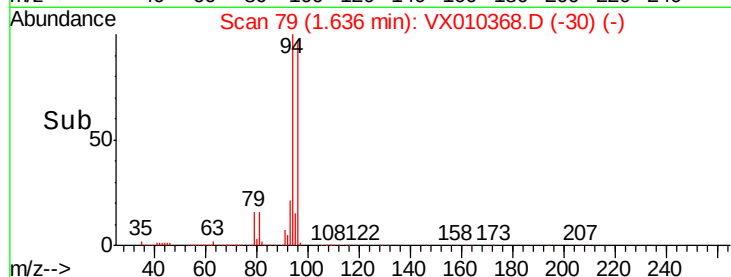
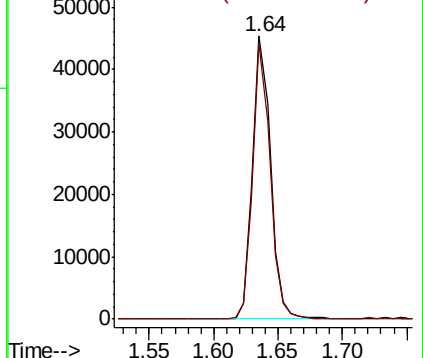
94 100

96 97.4 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.039 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010368.D

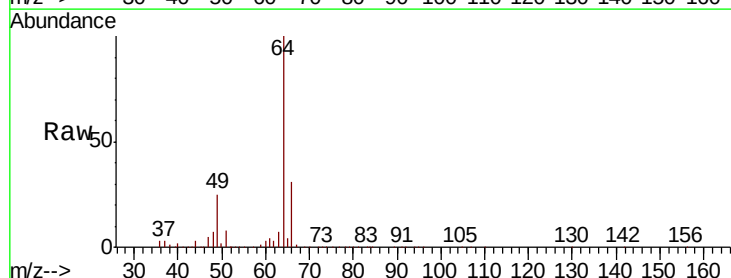
Acq: 20 Jun 2019 19:32

Tgt Ion: 64 Resp: 75915

Ion Ratio Lower Upper

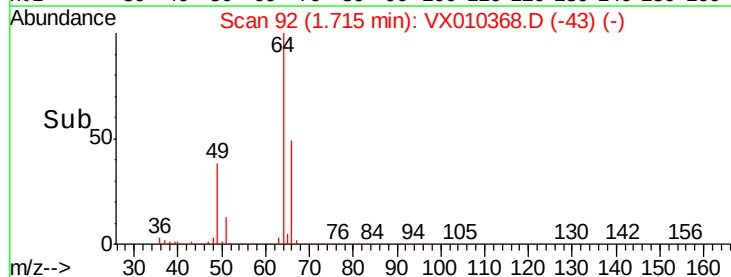
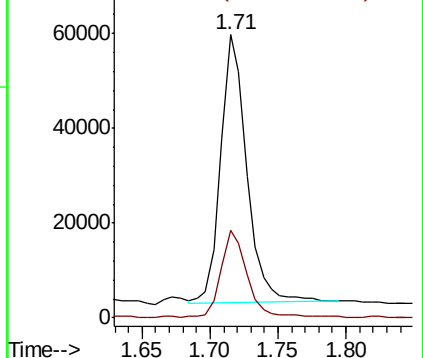
64 100

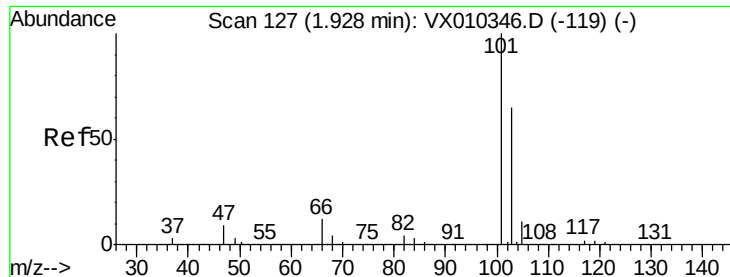
66 32.6 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



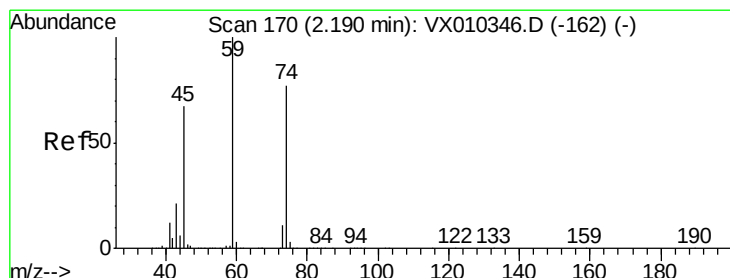
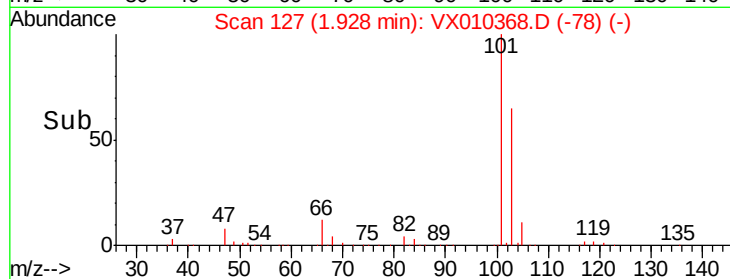
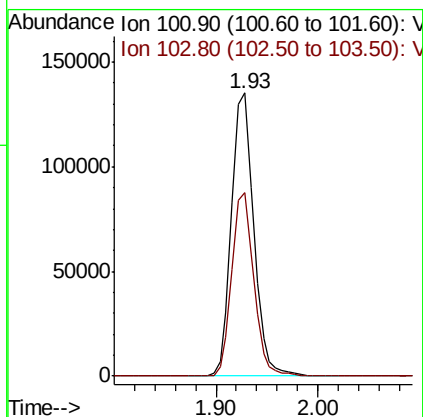
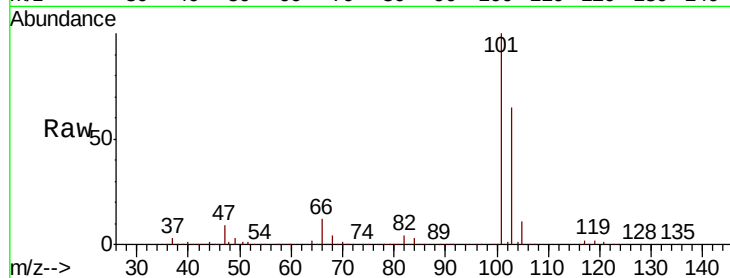


#7

Trichlorofluoromethane
Concen: 51.080 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-3-8.0-061919MS

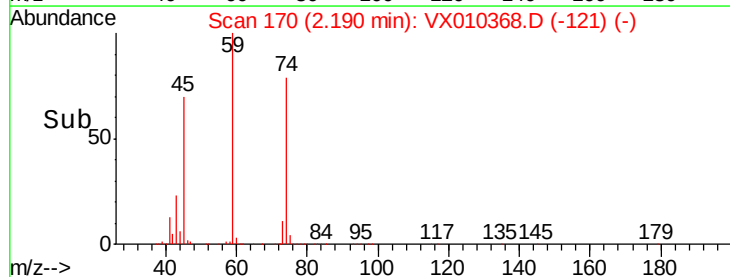
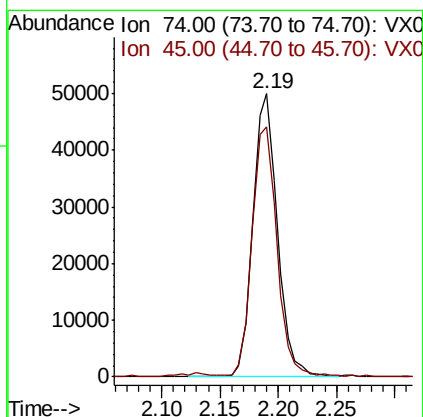
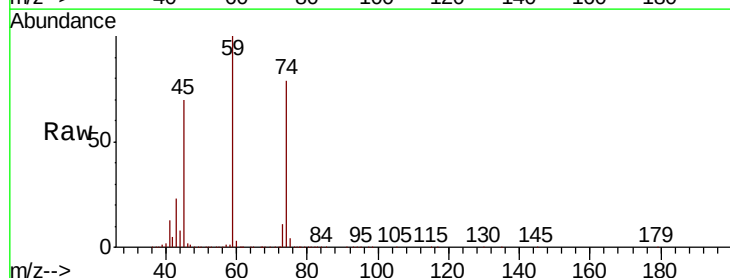
Tot Ion:101 Resp: 204141
Ion Ratio Lower Upper
101 100
103 64.9 52.3 78.5

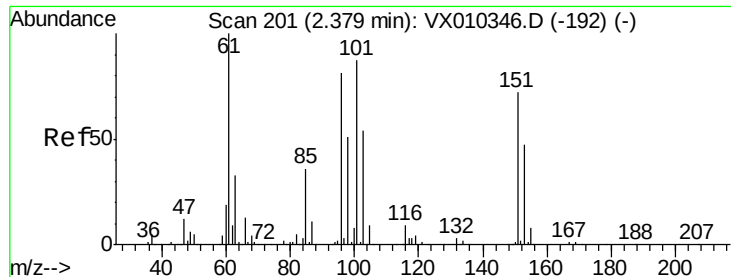


#8

Diethyl Ether
Concen: 51.310 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion: 74 Resp: 73538
Ion Ratio Lower Upper
74 100
45 89.1 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.629 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-3-8.0-061919MS

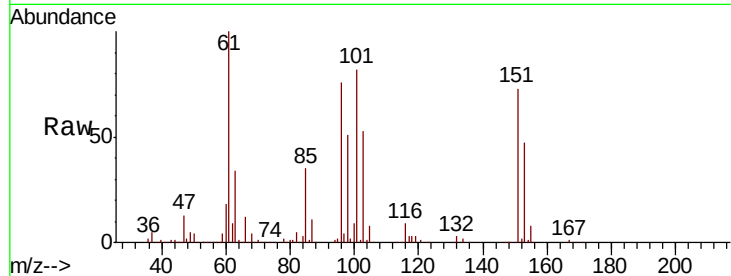
Tot Ion:101 Resp: 117773

Ion Ratio Lower Upper

101 100

85 41.9 33.7 50.5

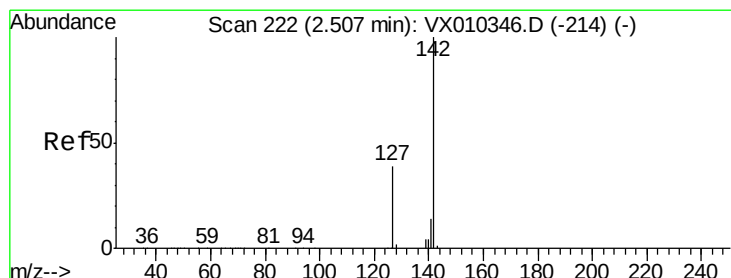
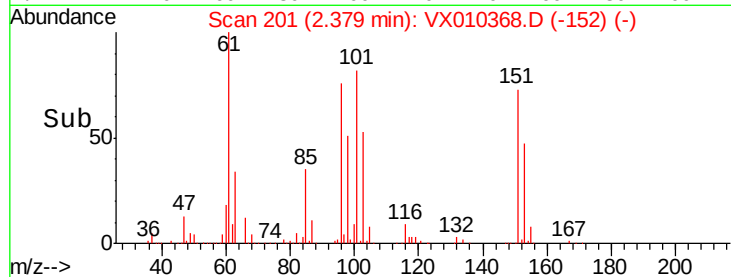
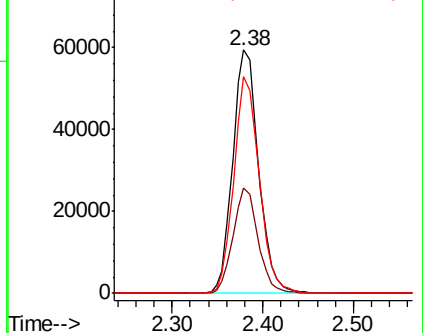
151 87.5 70.1 105.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 28.430 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

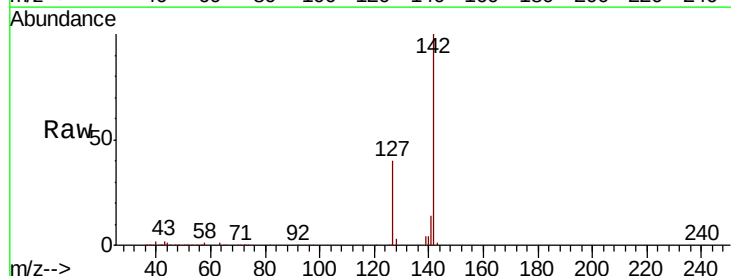
Tgt Ion:142 Resp: 98263

Ion Ratio Lower Upper

142 100

127 39.5 31.1 46.7

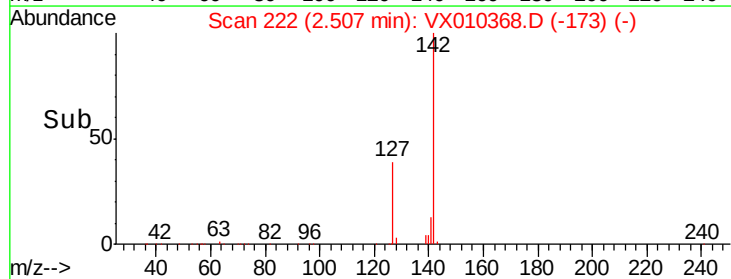
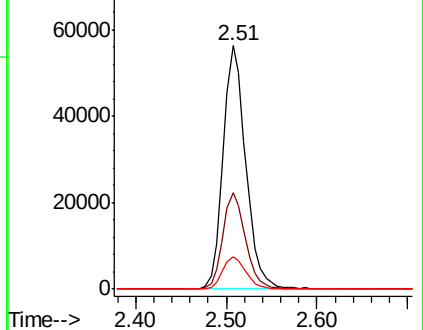
141 14.0 11.2 16.8

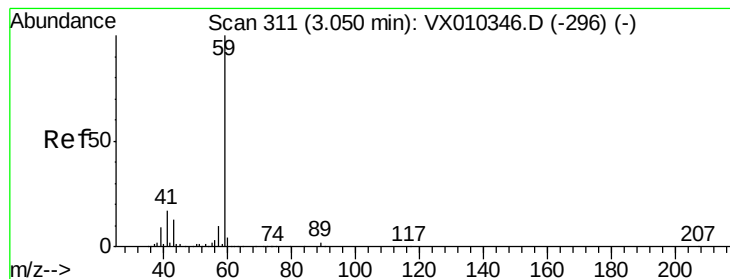


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



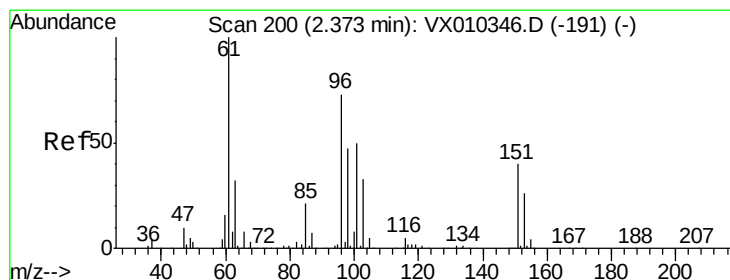
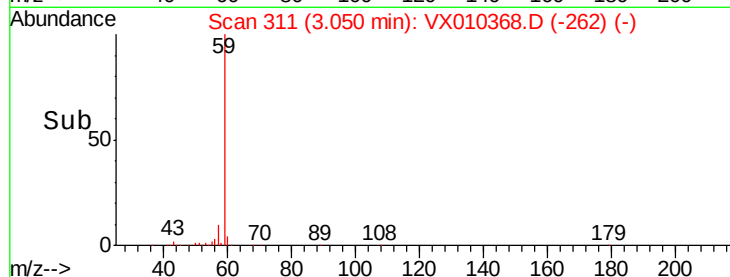
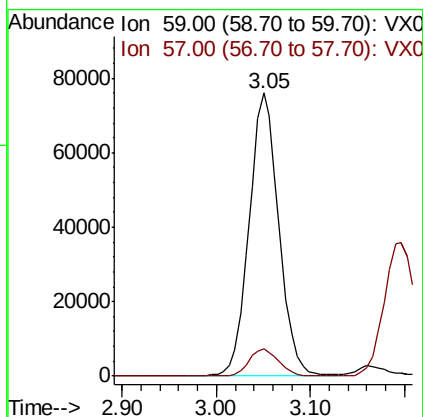
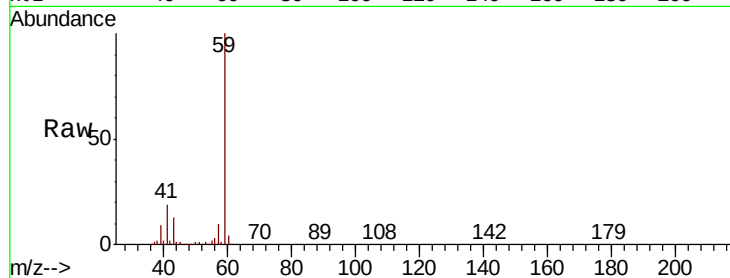


#11

Tert butyl alcohol
Concen: 241.928 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-3-8.0-061919MS

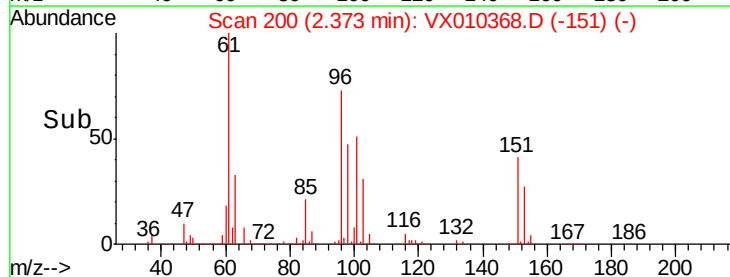
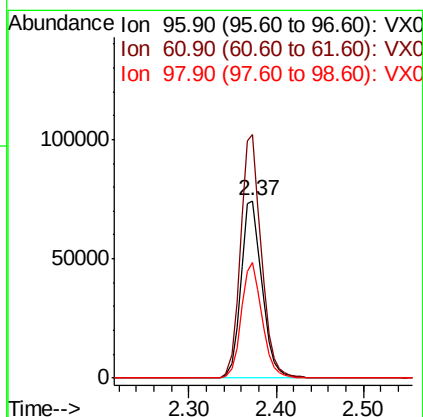
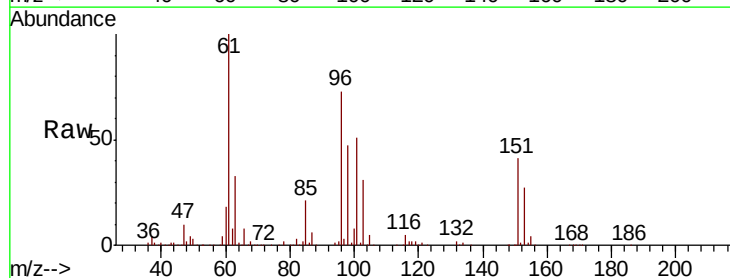
Tot Ion: 59 Resp: 168756
Ion Ratio Lower Upper
59 100
57 9.8 7.7 11.5

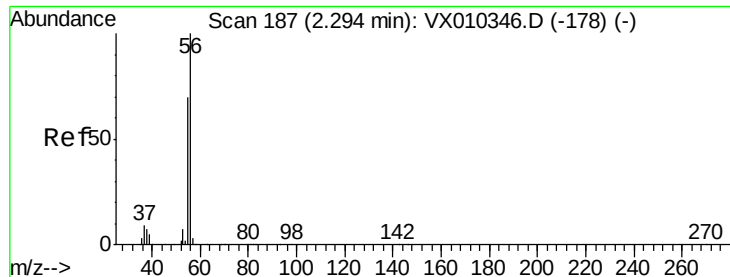


#12

1,1-Dichloroethene
Concen: 50.703 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion: 96 Resp: 124954
Ion Ratio Lower Upper
96 100
61 137.2 109.2 163.8
98 64.9 51.1 76.7





#13

Acrolein

Concen: 193.335 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

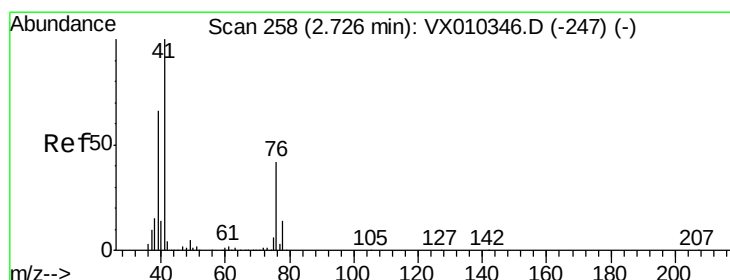
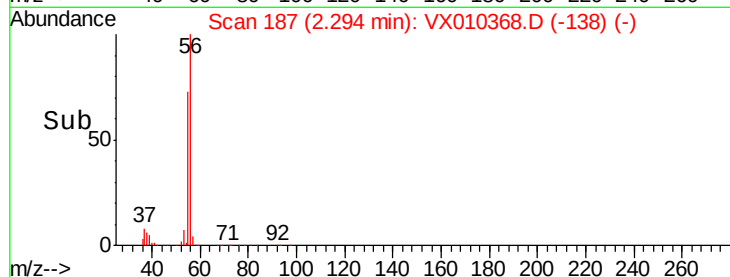
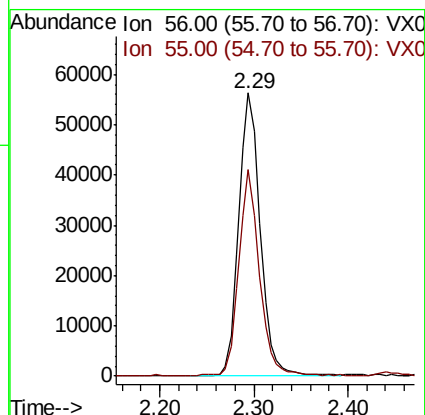
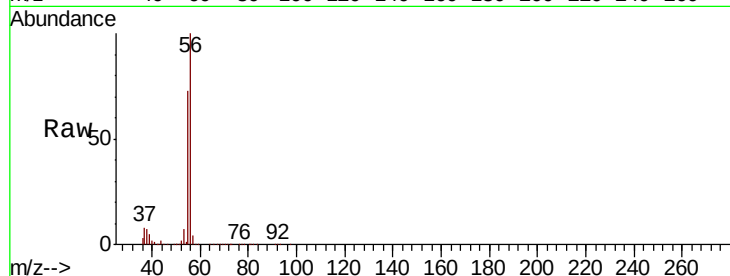
T11-MW-3-8.0-061919MS

Tot Ion: 56 Resp: 89463

Ion Ratio Lower Upper

56 100

55 69.4 56.9 85.3



#14

Allyl chloride

Concen: 52.075 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

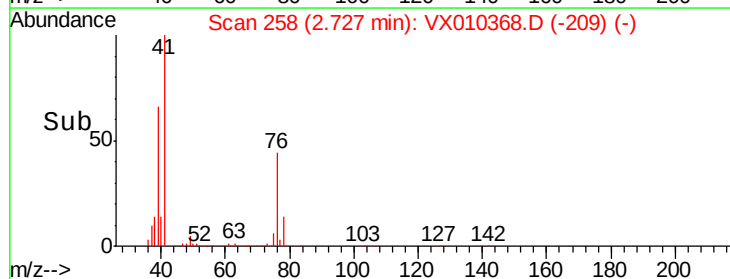
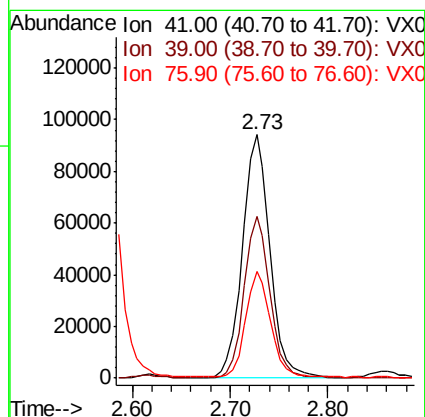
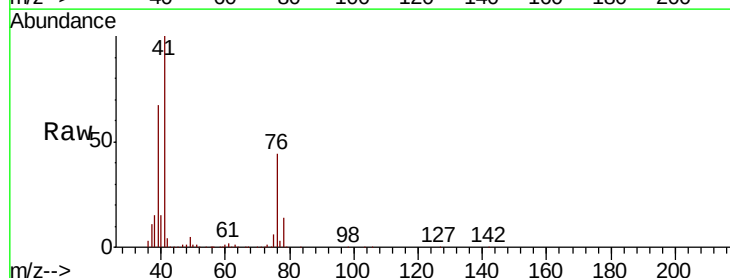
Tgt Ion: 41 Resp: 182197

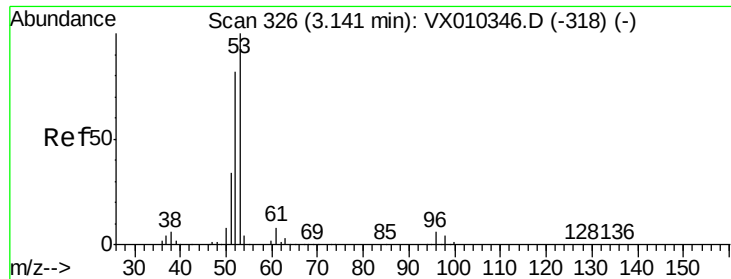
Ion Ratio Lower Upper

41 100

39 62.8 50.3 75.5

76 39.3 31.3 46.9





#15

Acrylonitrile

Concen: 261.683 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-3-8.0-061919MS

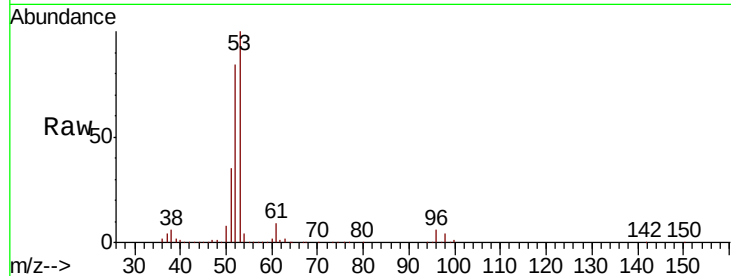
Tot Ion: 53 Resp: 361400

Ion Ratio Lower Upper

53 100

52 82.6 65.5 98.3

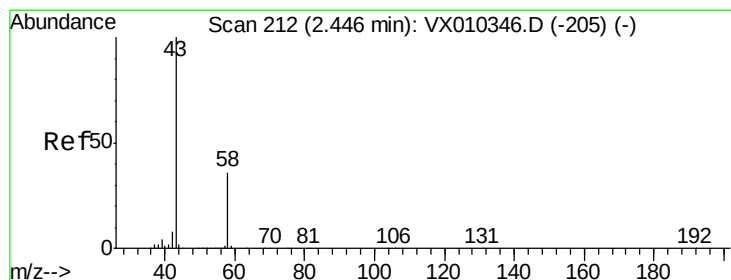
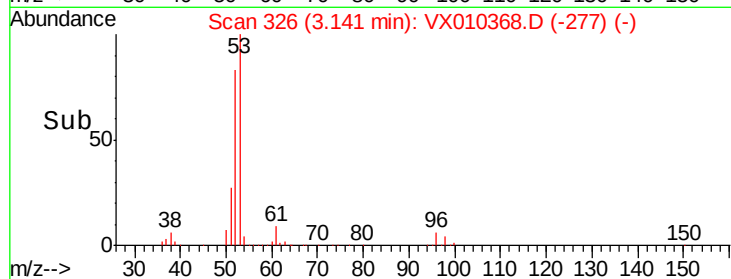
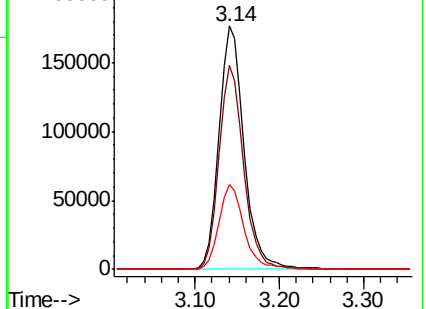
51 35.0 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 218.779 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010368.D

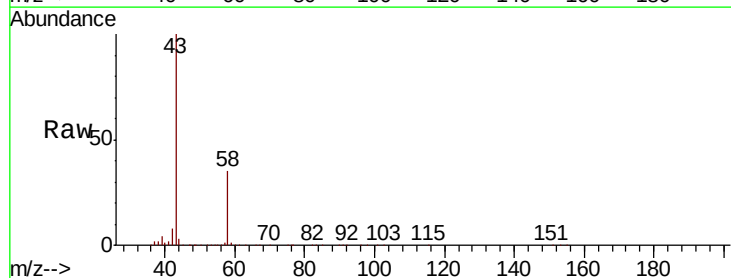
Acq: 20 Jun 2019 19:32

Tgt Ion: 43 Resp: 292290

Ion Ratio Lower Upper

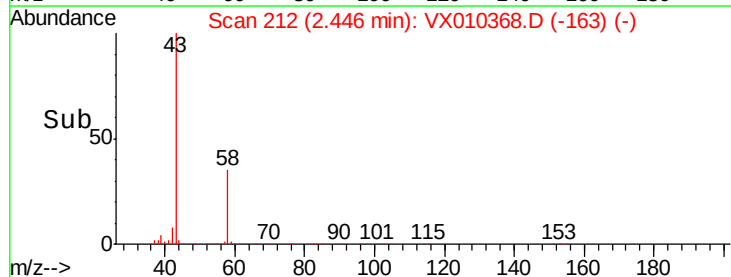
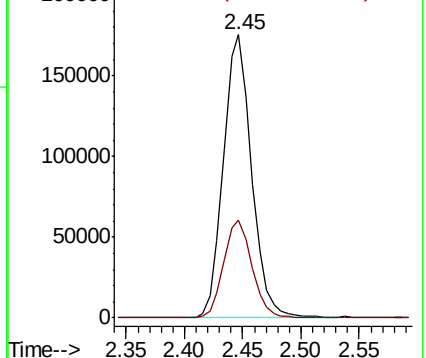
43 100

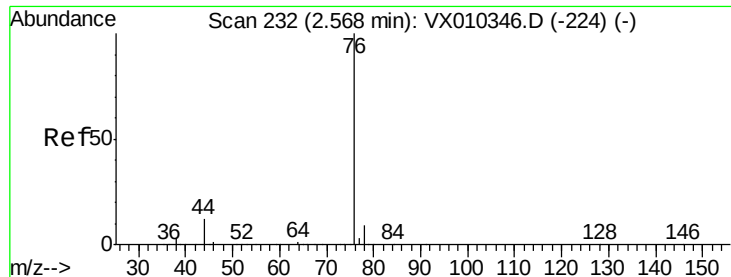
58 34.6 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 50.110 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

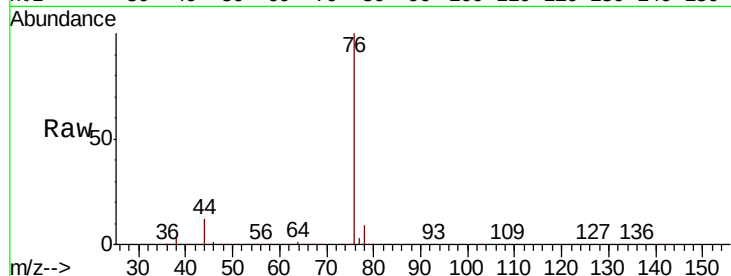
T11-MW-3-8.0-061919MS

Tot Ion: 76 Resp: 331309

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

200000

150000

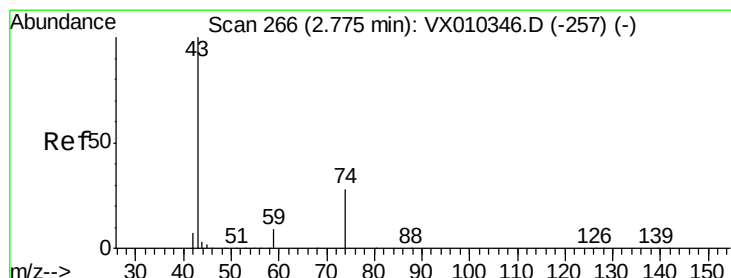
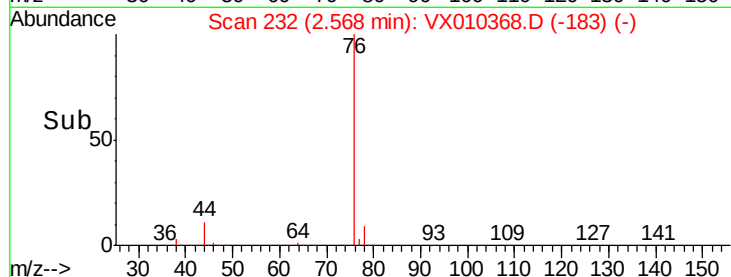
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 48.944 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX010368.D

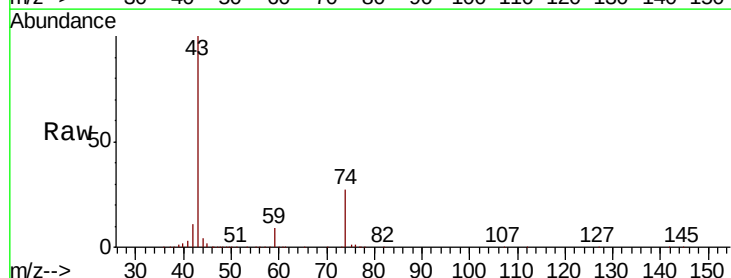
Acq: 20 Jun 2019 19:32

Tgt Ion: 43 Resp: 130324

Ion Ratio Lower Upper

43 100

74 28.0 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

80000

60000

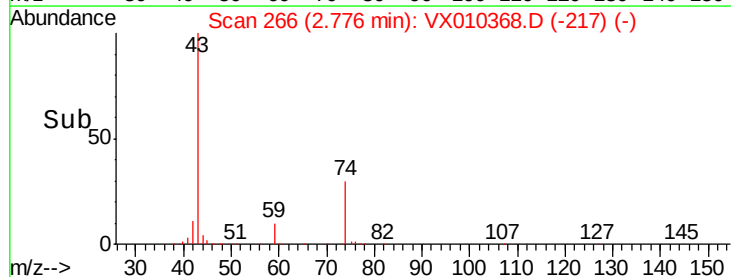
40000

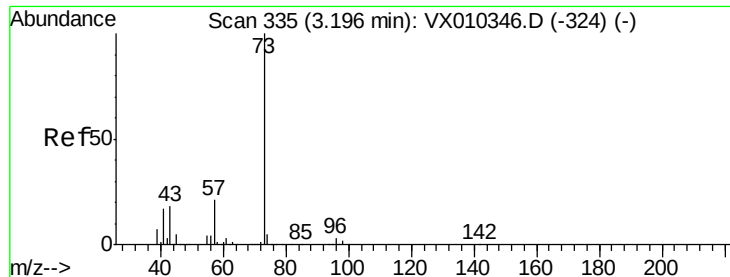
20000

0

2.65 2.70 2.75 2.80 2.85

Time-->

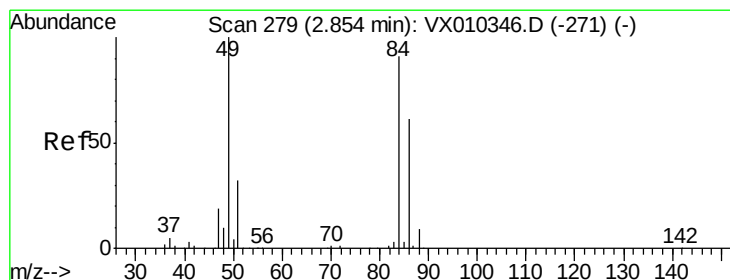
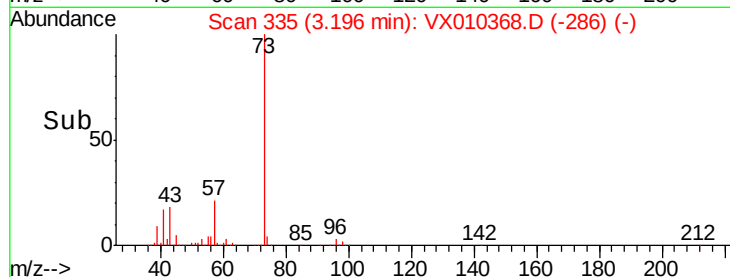
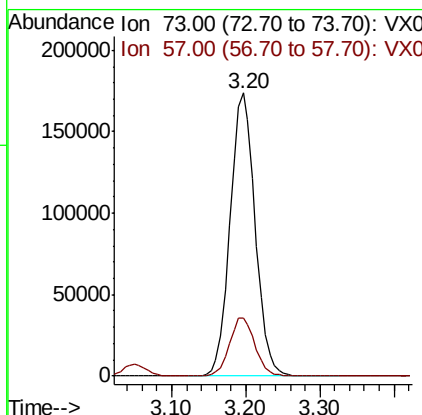
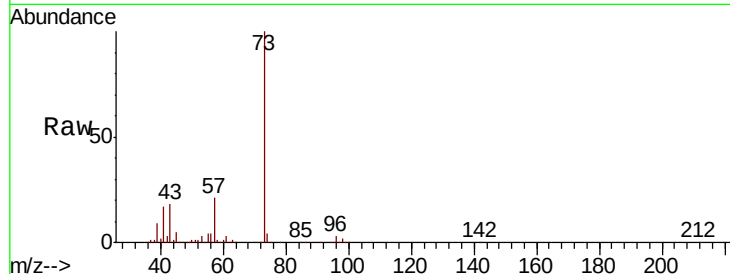




#19
Methvl tert-butyl Ether
Concen: 52.737 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

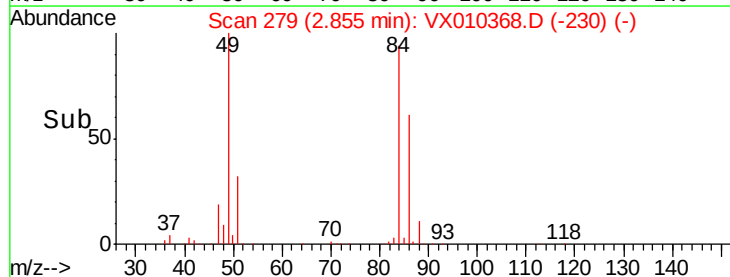
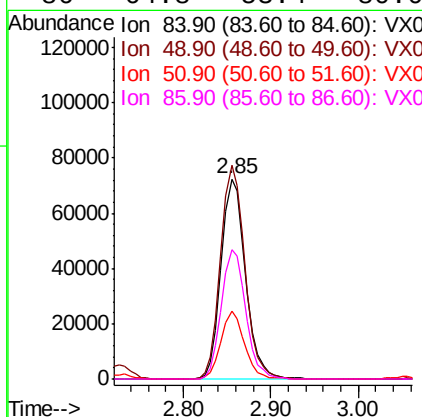
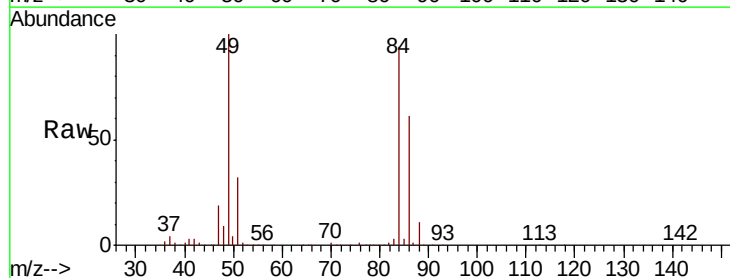
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-3-8.0-061919MS

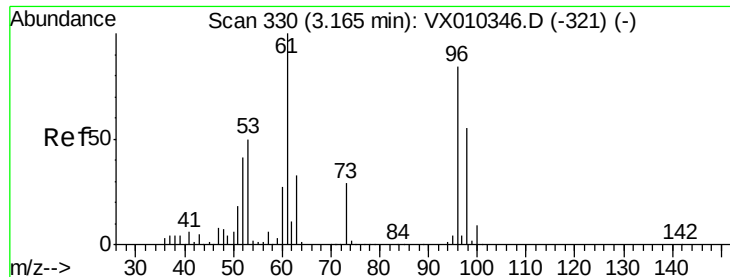
Tot Ion: 73 Resp: 408860
Ion Ratio Lower Upper
73 100
57 20.7 16.4 24.6



#20
Methylene Chloride
Concen: 51.099 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion: 84 Resp: 140492
Ion Ratio Lower Upper
84 100
49 106.5 87.5 131.3
51 33.9 27.7 41.5
86 64.8 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 50.751 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-3-8.0-061919MS

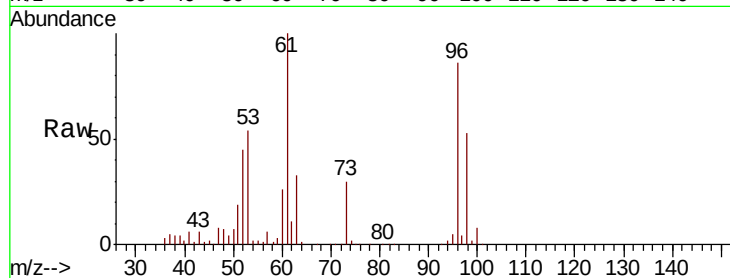
Tot Ion: 96 Resp: 134515

Ion Ratio Lower Upper

96 100

61 116.4 95.6 143.4

98 61.2 52.5 78.7

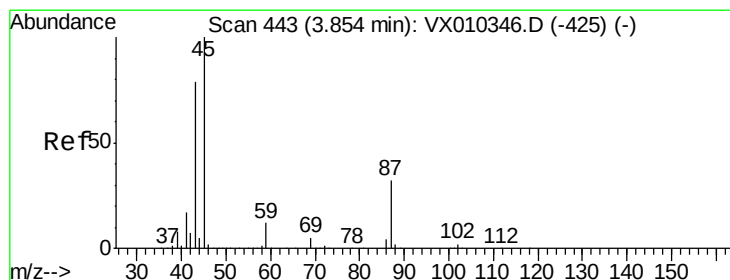
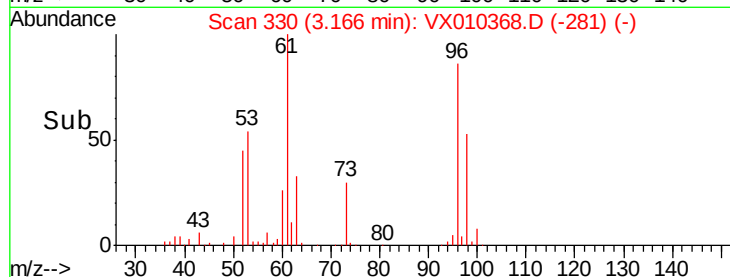
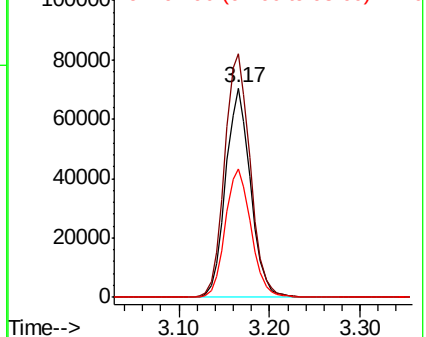


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.493 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Tgt Ion: 45 Resp: 376680

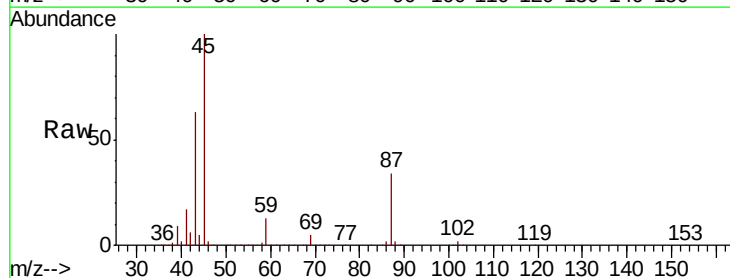
Ion Ratio Lower Upper

45 100

43 62.9 63.3 94.9#

87 33.8 25.8 38.8

59 12.6 9.6 14.4



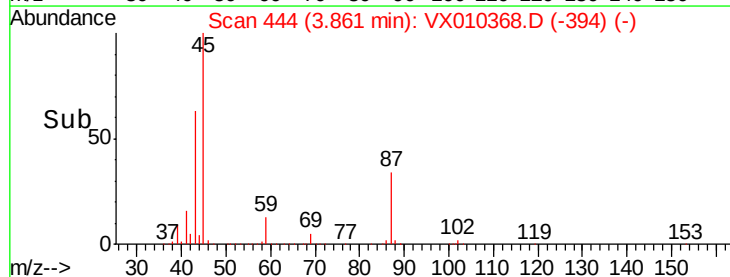
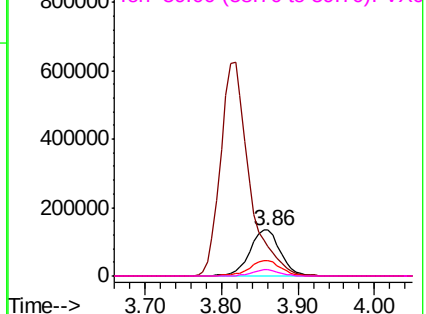
Abundance

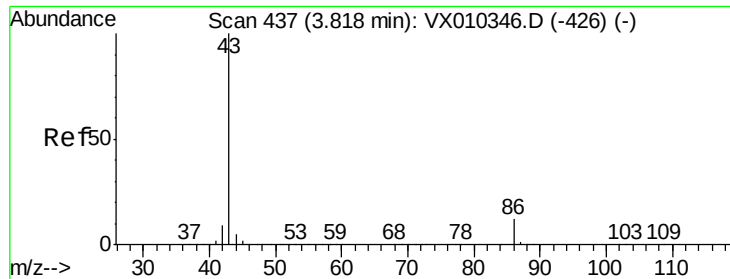
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 257.112 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

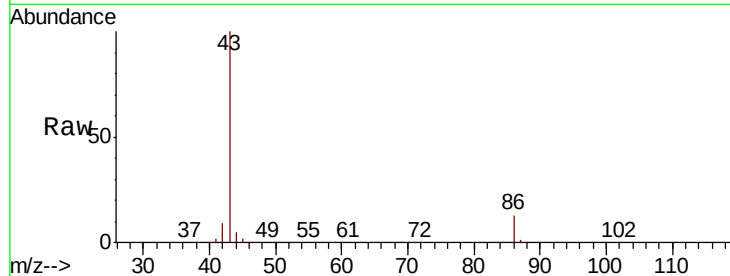
T11-MW-3-8.0-061919MS

Tot Ion: 43 Resp: 1624810

Ion Ratio Lower Upper

43 100

86 12.5 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

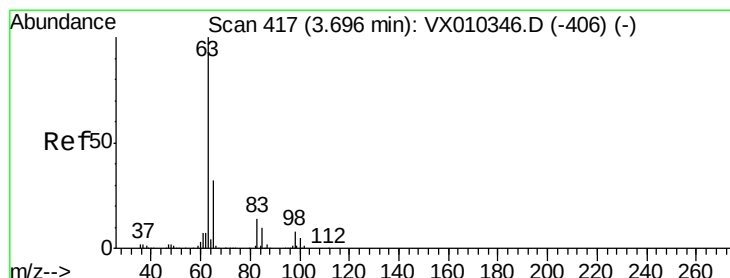
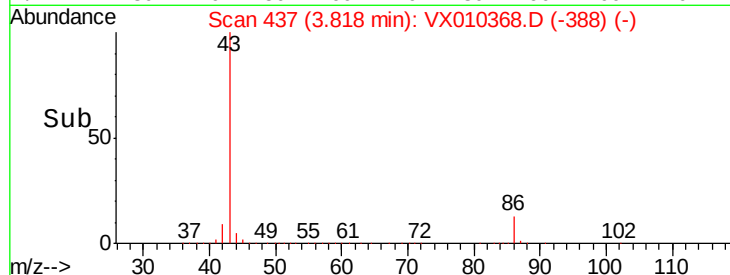
600000

400000

200000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 51.700 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

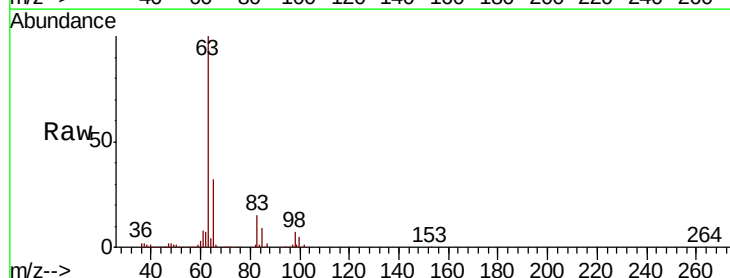
Tgt Ion: 63 Resp: 218607

Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.7

100 5.1 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

120000

100000

80000

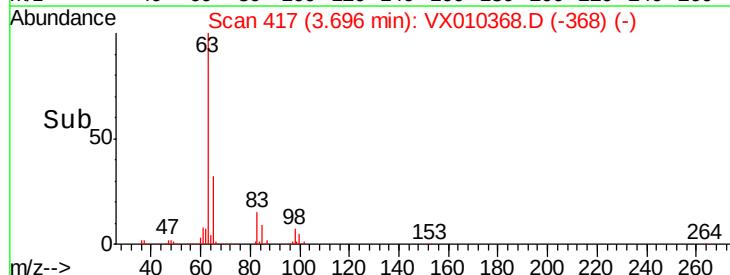
60000

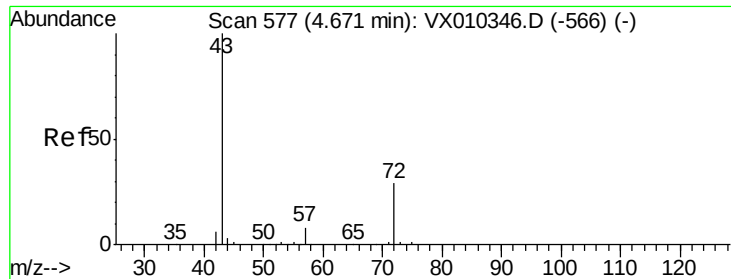
40000

20000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 250.772 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

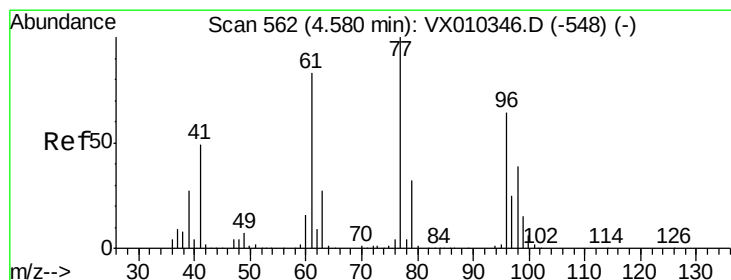
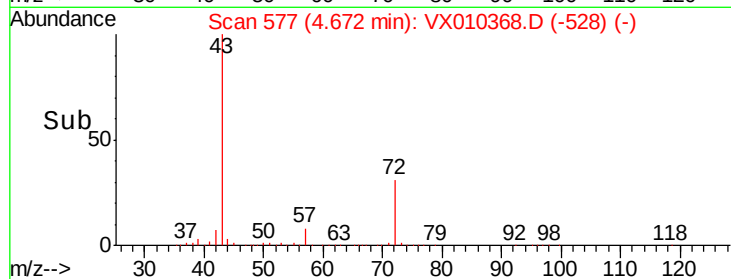
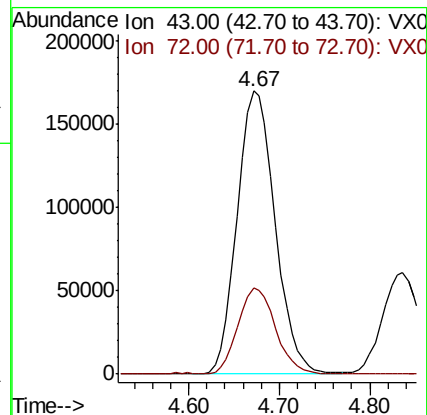
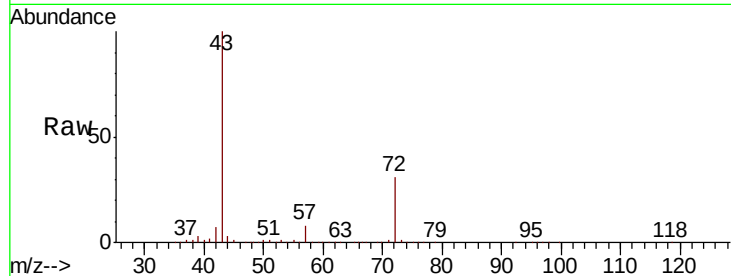
T11-MW-3-8.0-061919MS

Tot Ion: 43 Resp: 491450

Ion Ratio Lower Upper

43 100

72 30.6 23.3 34.9



#26

2,2-Dichloropropane

Concen: 47.169 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010368.D

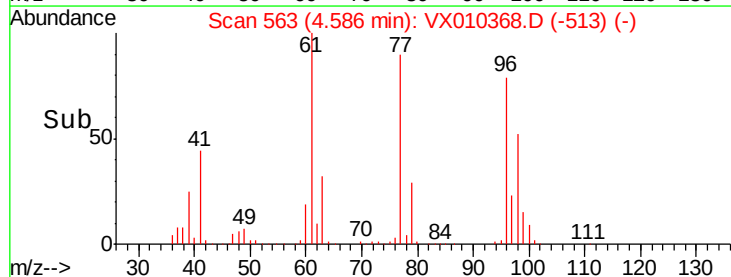
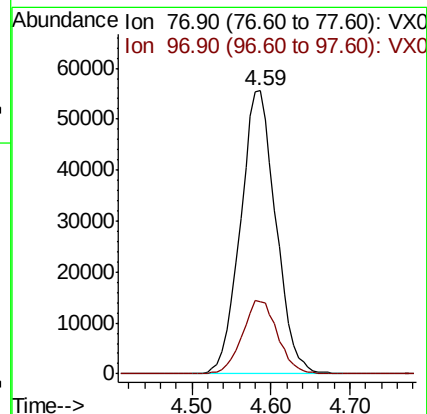
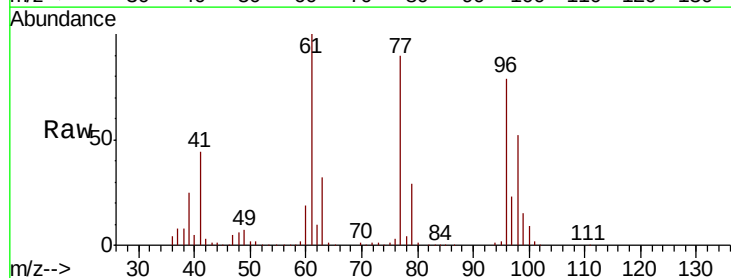
Acq: 20 Jun 2019 19:32

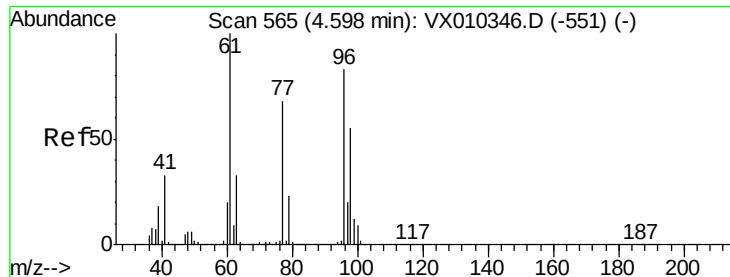
Tgt Ion: 77 Resp: 173260

Ion Ratio Lower Upper

77 100

97 25.8 13.1 39.3



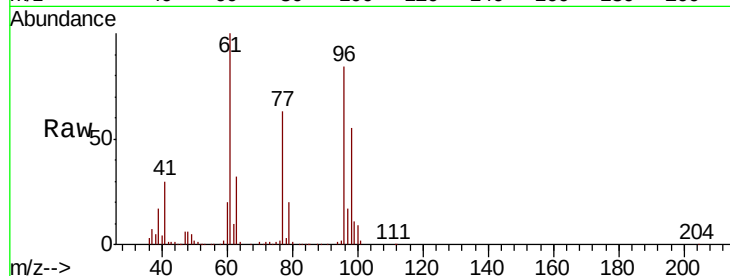


#27

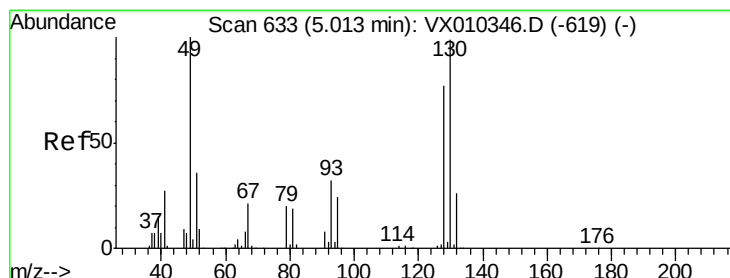
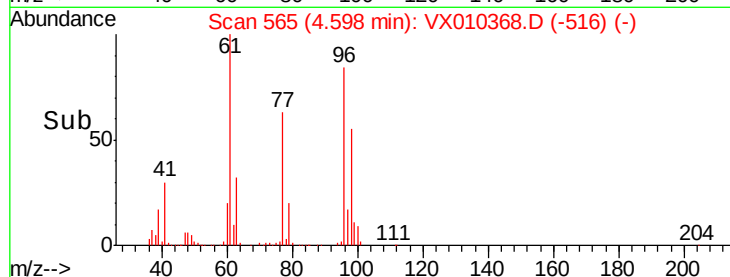
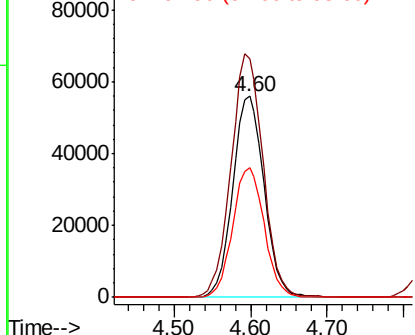
cis-1,2-Dichloroethene
Concen: 51.783 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-3-8.0-061919MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	124.1	0.0	251.8
98	65.0	0.0	129.4



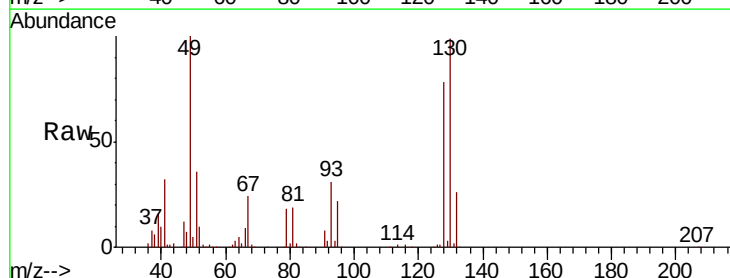
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



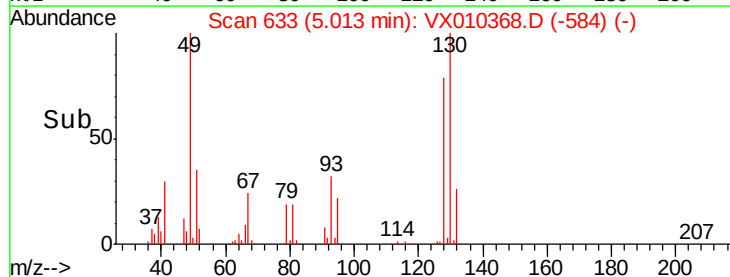
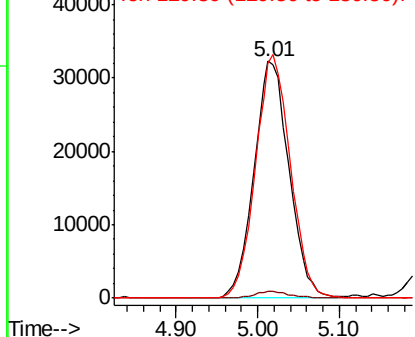
#28

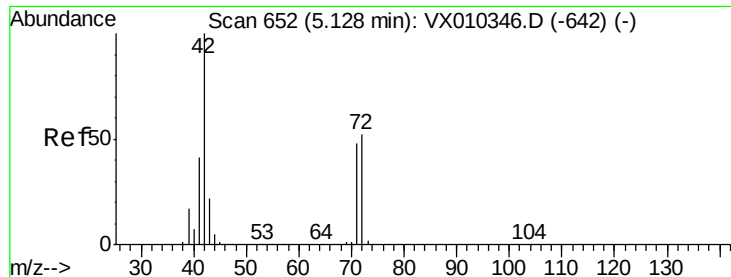
Bromochloromethane
Concen: 47.906 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.6
130	101.7	81.4	122.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 265.742 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-3-8.0-061919MS

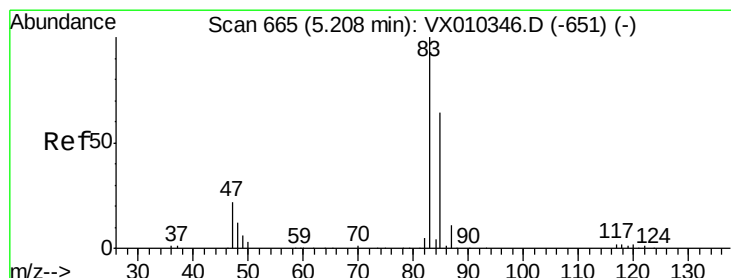
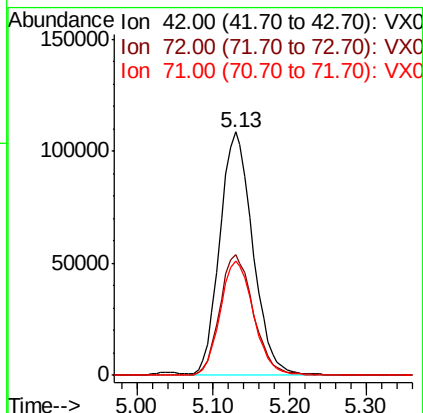
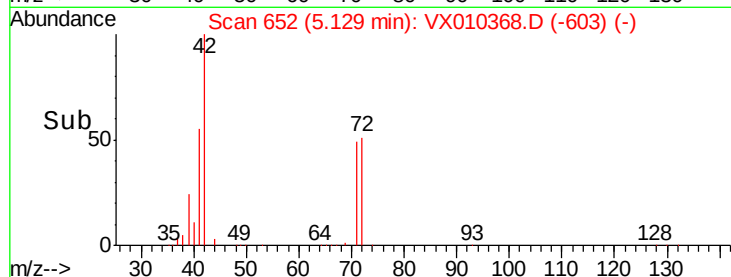
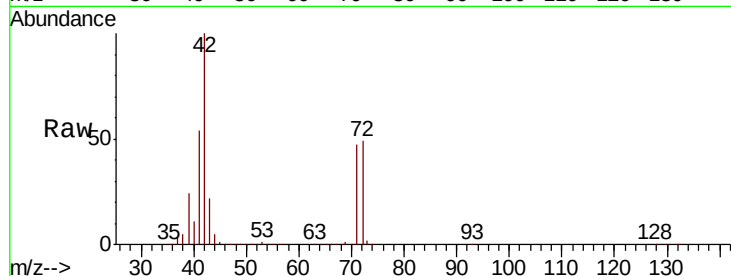
Tot Ion: 42 Resp: 322580

Ion Ratio Lower Upper

42 100

72 50.8 40.6 60.8

71 47.5 37.8 56.8



#30

Chloroform

Concen: 51.241 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX010368.D

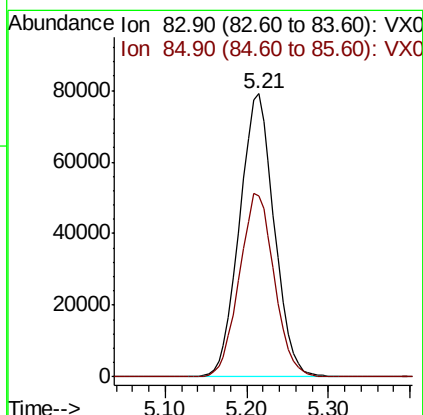
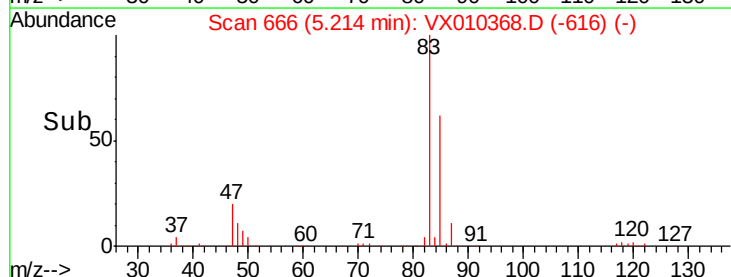
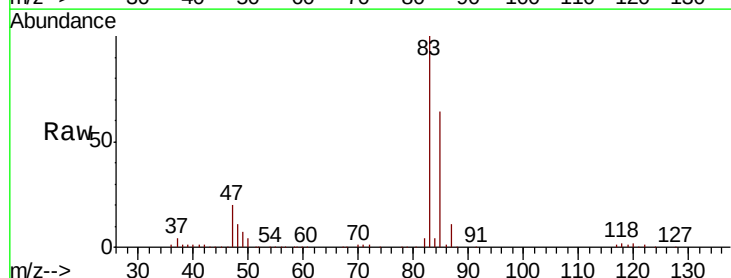
Acq: 20 Jun 2019 19:32

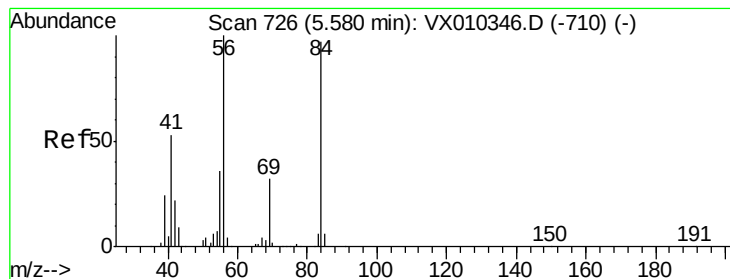
Tgt Ion: 83 Resp: 233124

Ion Ratio Lower Upper

83 100

85 64.1 50.9 76.3





#31

Cyclohexane

Concen: 50.543 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-3-8.0-061919MS

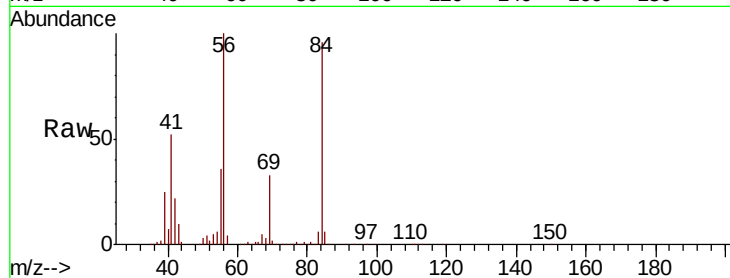
Tot Ion: 56 Resp: 194620

Ion Ratio Lower Upper

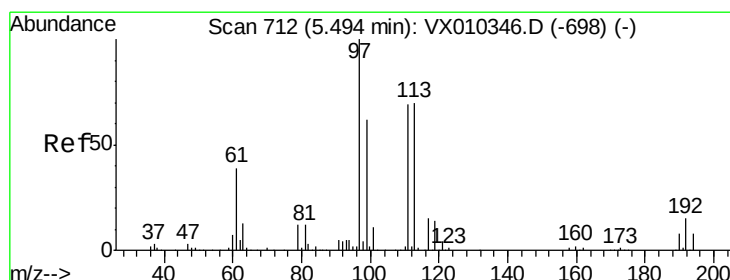
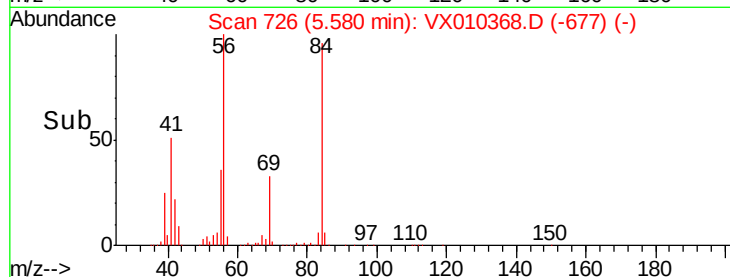
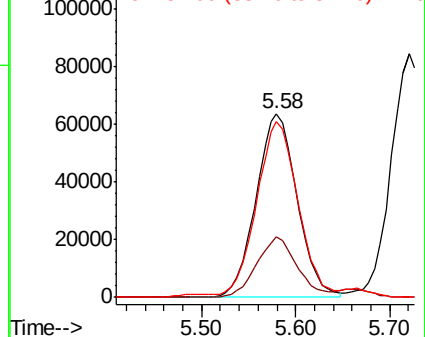
56 100

69 32.6 25.9 38.9

84 94.3 78.0 117.0



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 52.178 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

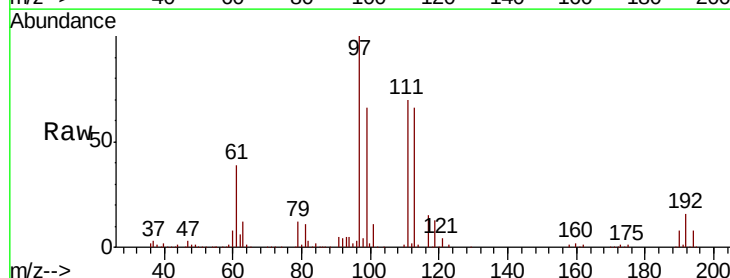
Tgt Ion: 97 Resp: 209611

Ion Ratio Lower Upper

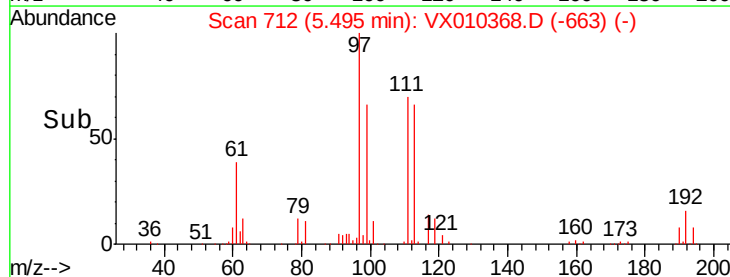
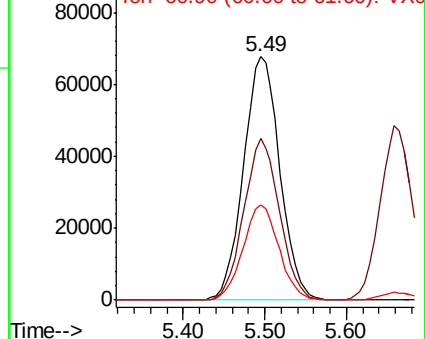
97 100

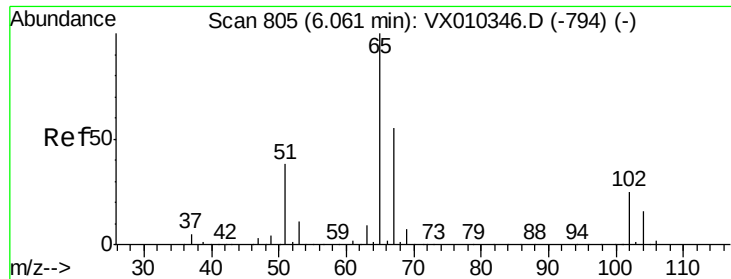
99 65.0 51.8 77.8

61 38.8 32.1 48.1



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

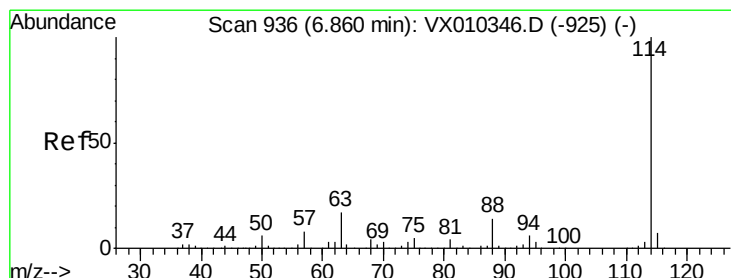
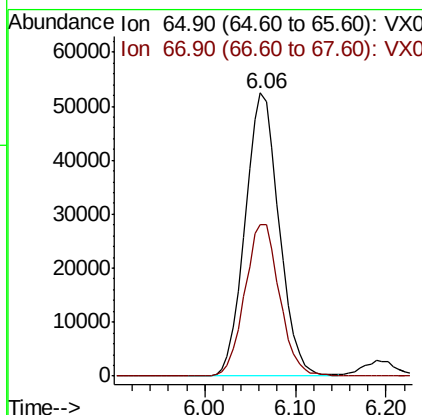
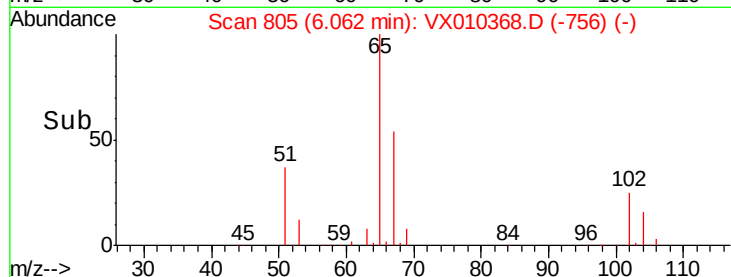
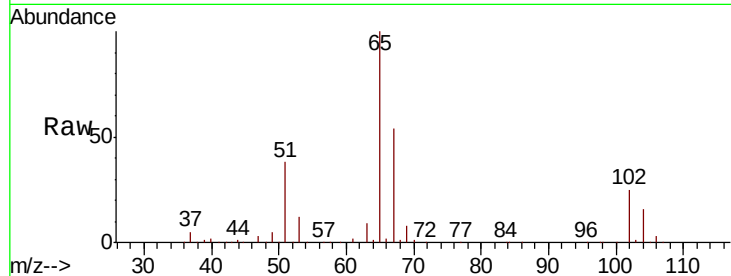




#33
 1,2-Dichloroethane-d4
 Concen: 50.914 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

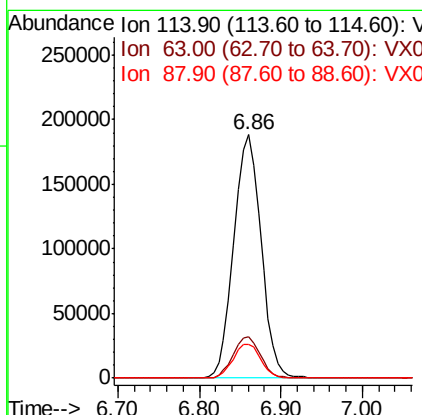
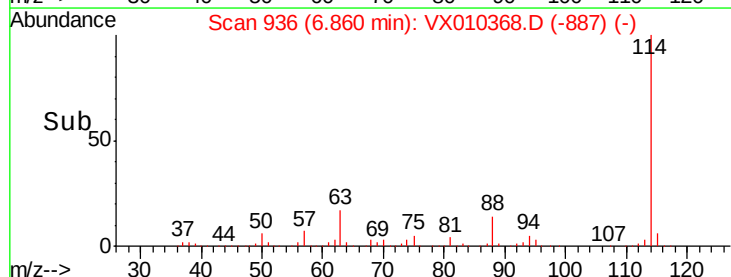
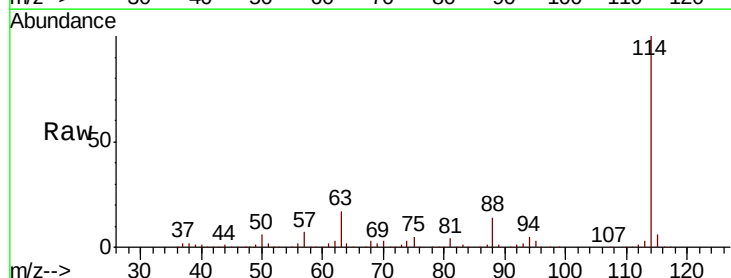
Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-3-8.0-061919MS

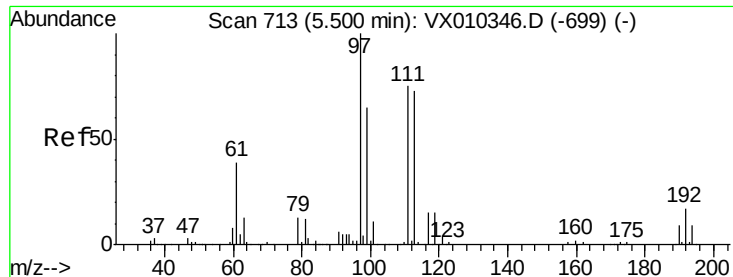
Tot Ion: 65 Resp: 135726
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

Tgt Ion: 114 Resp: 435912
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 33.8
 88 13.9 0.0 27.6

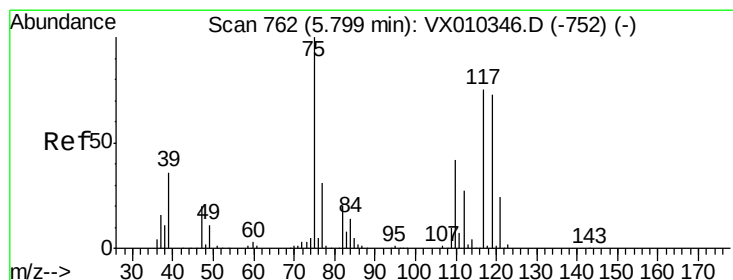
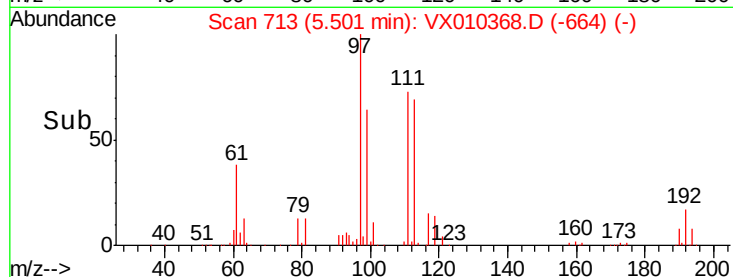
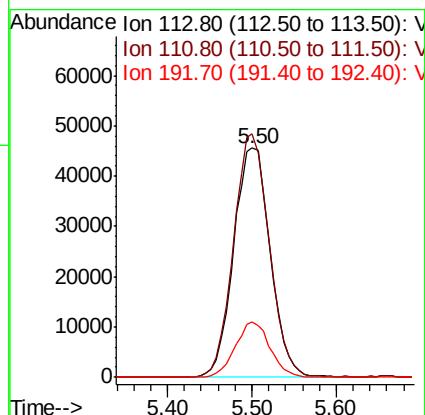
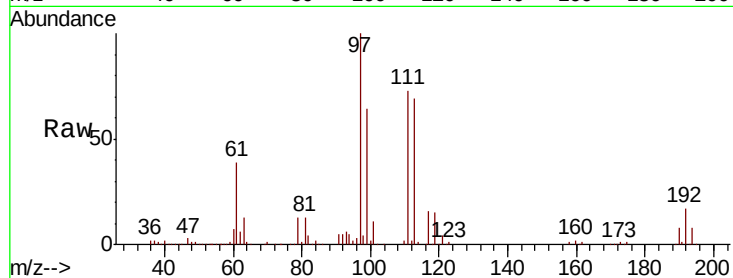




#35
Dibromofluoromethane
Concen: 50.378 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

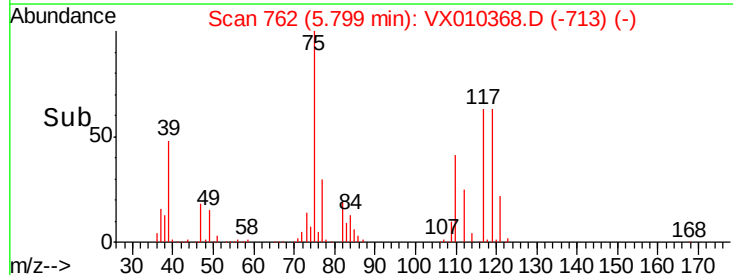
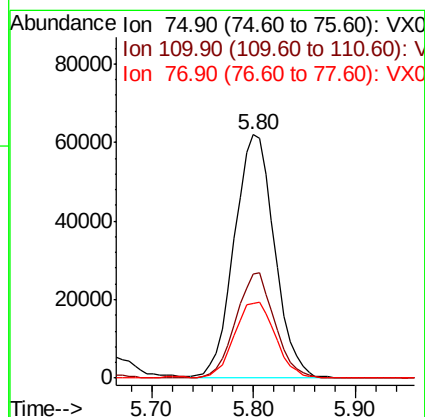
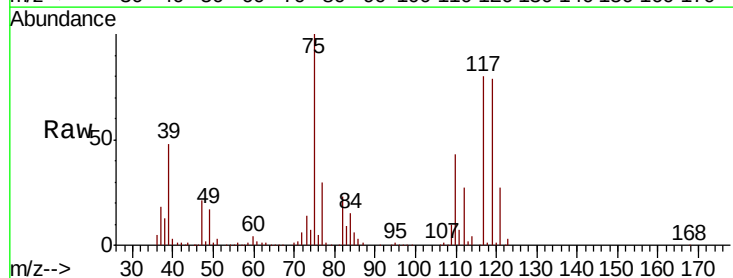
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-3-8.0-061919MS

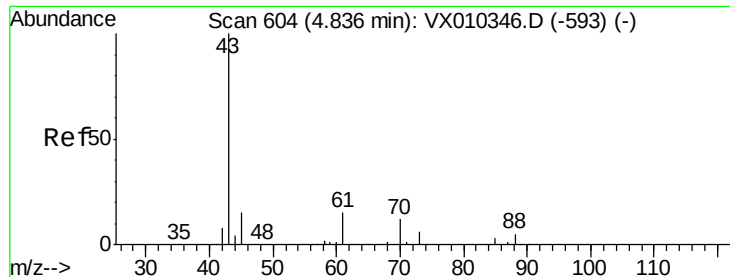
Tot Ion:113 Resp: 134361
Ion Ratio Lower Upper
113 100
111 103.5 81.2 121.8
192 22.9 18.6 27.8



#36
1,1-Dichloropropene
Concen: 48.734 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion: 75 Resp: 168813
Ion Ratio Lower Upper
75 100
110 42.1 20.8 62.2
77 32.1 25.4 38.0





#37

Ethyl Acetate

Concen: 50.334 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-3-8.0-061919MS

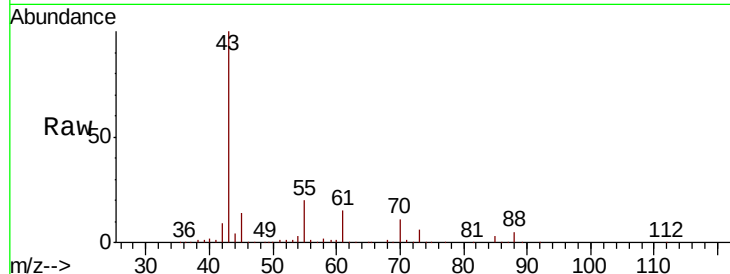
Tot Ion: 43 Resp: 179370

Ion Ratio Lower Upper

43 100

61 15.4 12.4 18.6

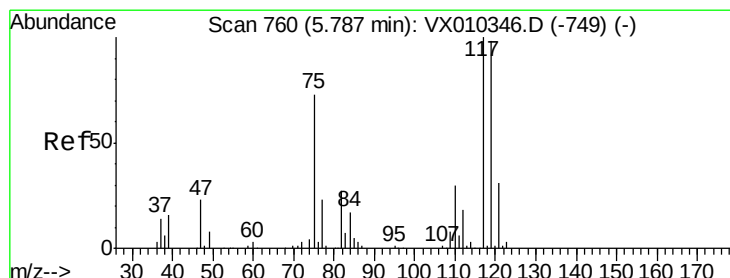
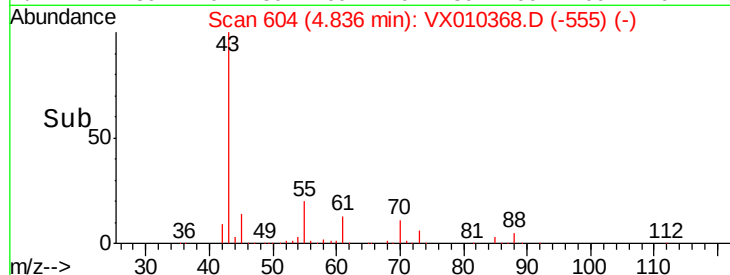
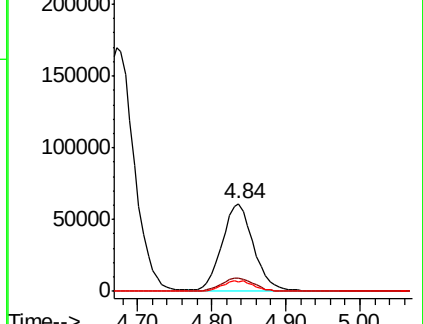
70 12.2 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 50.676 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

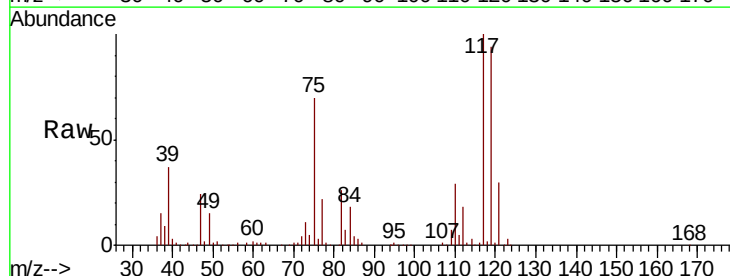
Tgt Ion: 117 Resp: 190087

Ion Ratio Lower Upper

117 100

119 94.0 78.2 117.4

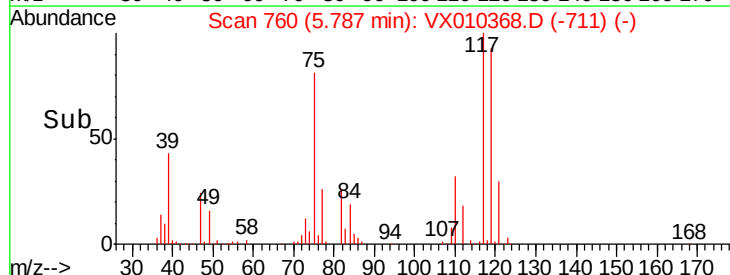
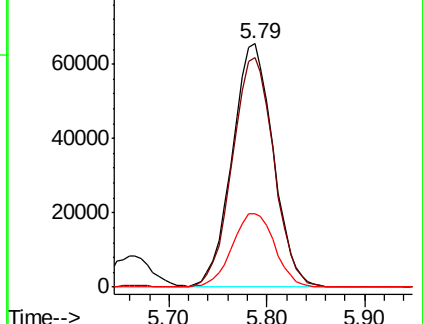
121 30.3 24.7 37.1

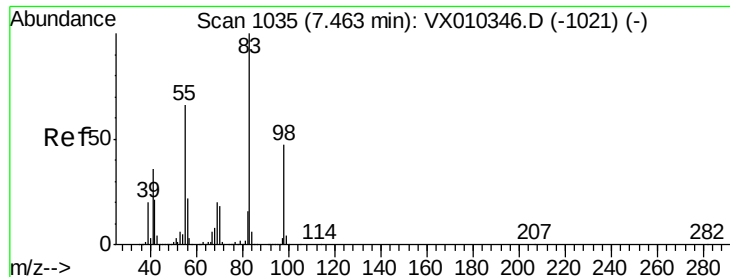


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

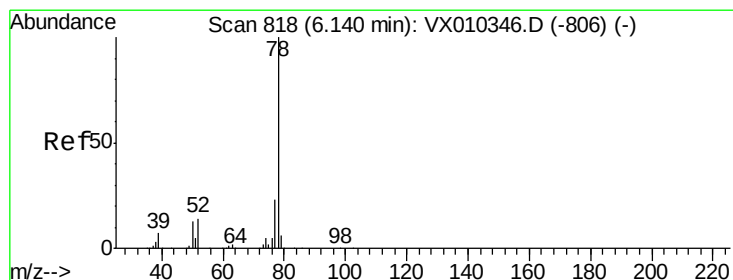
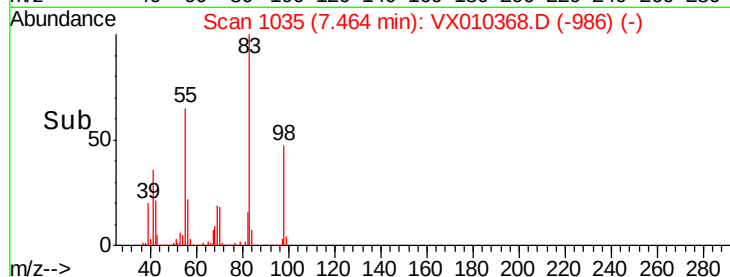
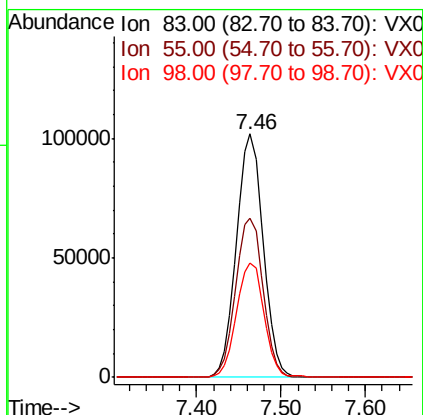
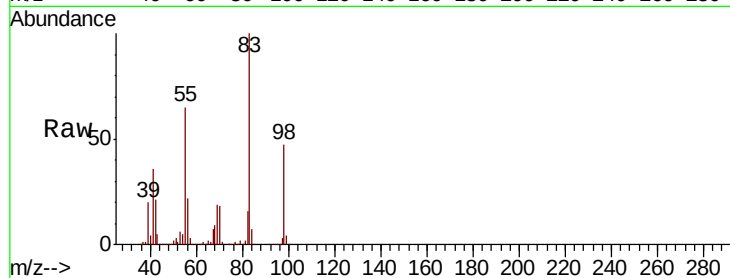




#39
Methylvlcyclohexane
Concen: 47.740 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

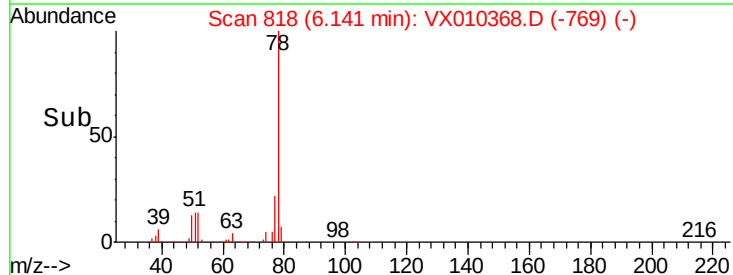
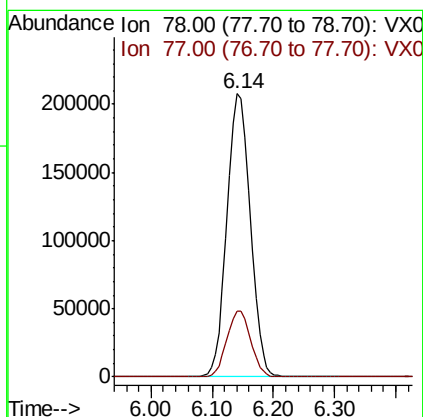
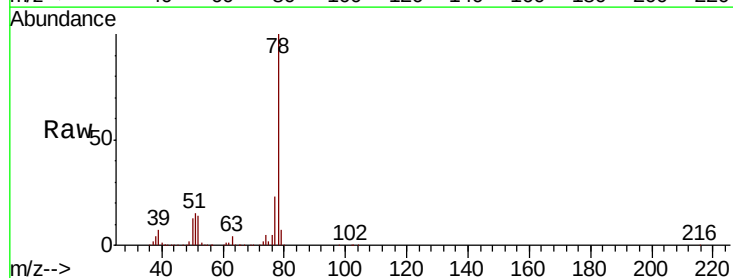
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-3-8.0-061919MS

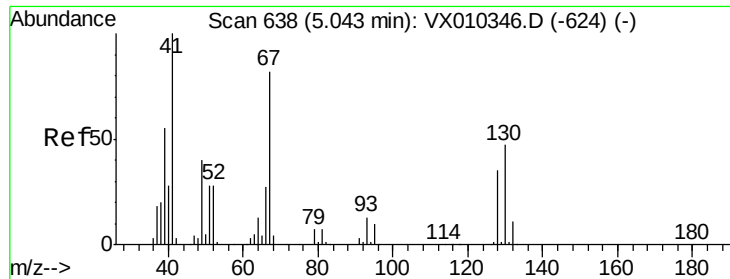
Tot Ion: 83 Resp: 217377
Ion Ratio Lower Upper
83 100
55 65.4 53.0 79.6
98 47.2 37.8 56.8



#40
Benzene
Concen: 50.756 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion: 78 Resp: 547760
Ion Ratio Lower Upper
78 100
77 23.4 18.6 28.0

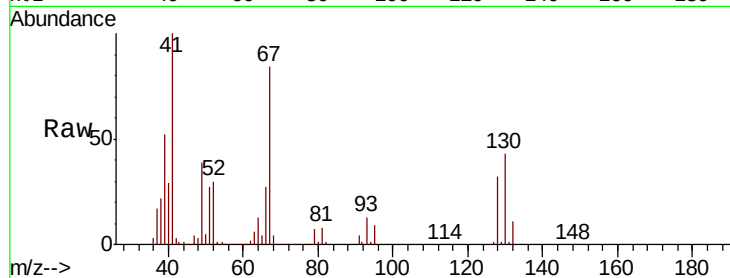




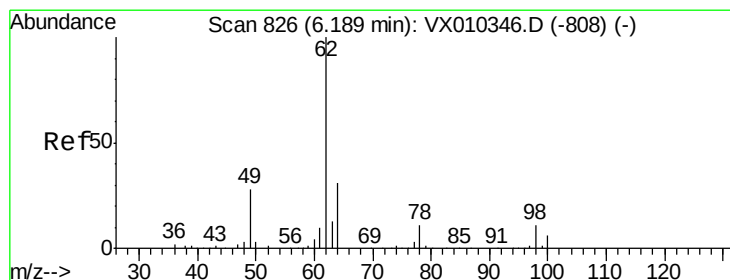
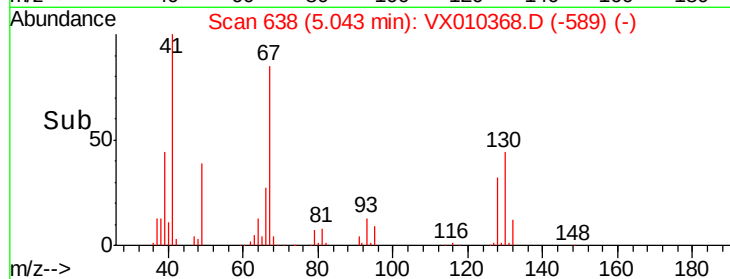
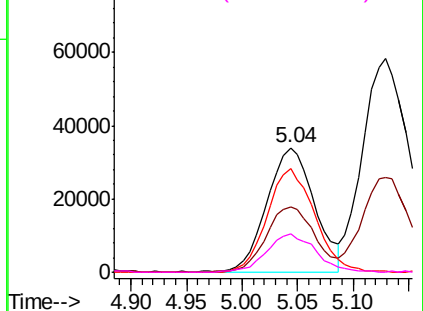
#41
Methacrylonitrile
Concen: 51.519 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-3-8.0-061919MS

Tot Ion:	41	Resp:	100735
Ion	Ratio	Lower	Upper
41	100		
39	53.6	43.8	65.8
67	83.6	66.6	100.0
52	30.6	24.5	36.7

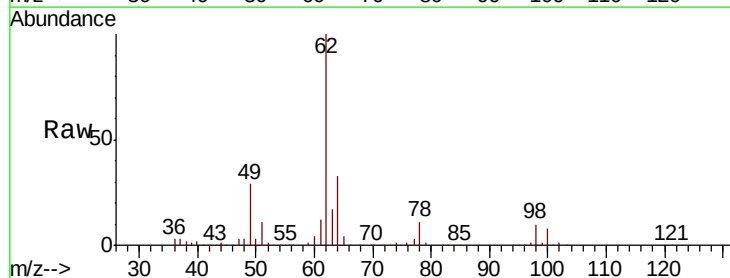


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

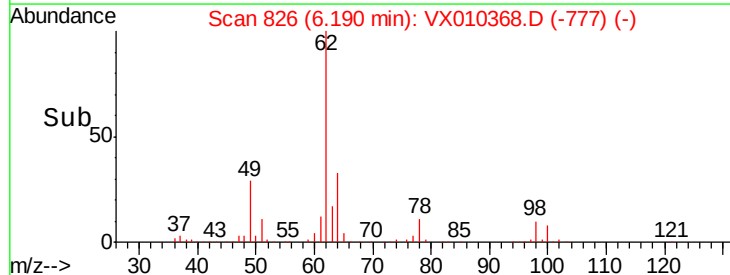
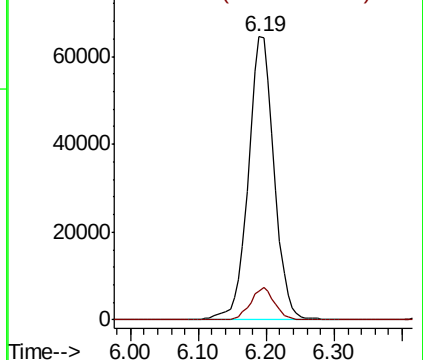


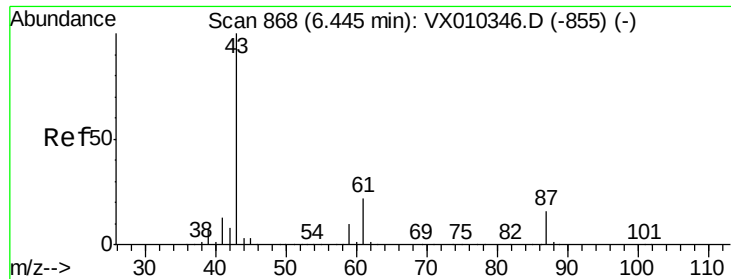
#42
1,2-Dichloroethane
Concen: 51.622 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion:	62	Resp:	169582
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.898 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-3-8.0-061919MS

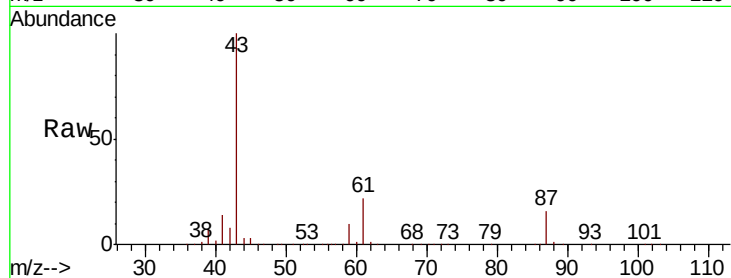
Tot Ion: 43 Resp: 300094

Ion Ratio Lower Upper

43 100

61 22.1 17.8 26.6

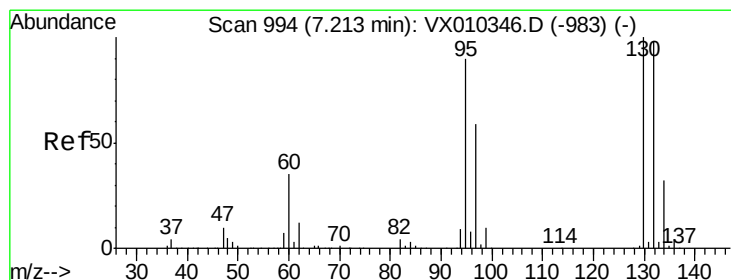
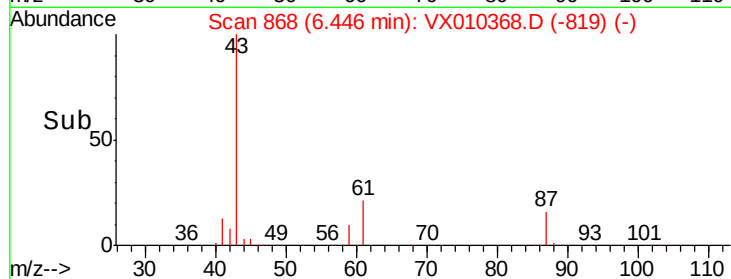
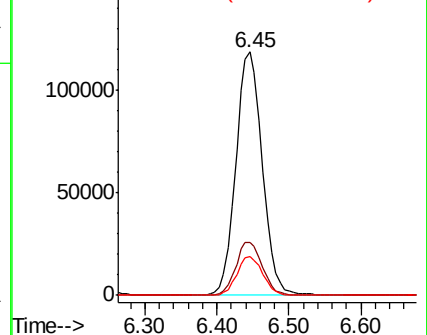
87 16.0 13.0 19.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 49.636 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010368.D

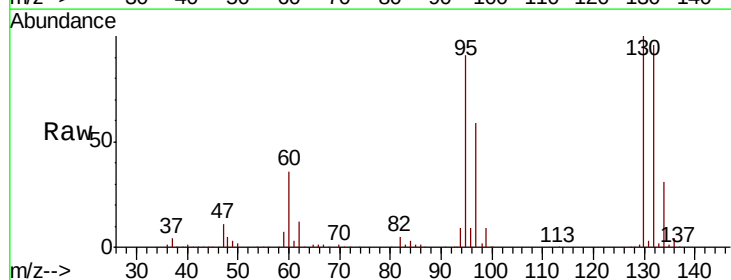
Acq: 20 Jun 2019 19:32

Tgt Ion:130 Resp: 160288

Ion Ratio Lower Upper

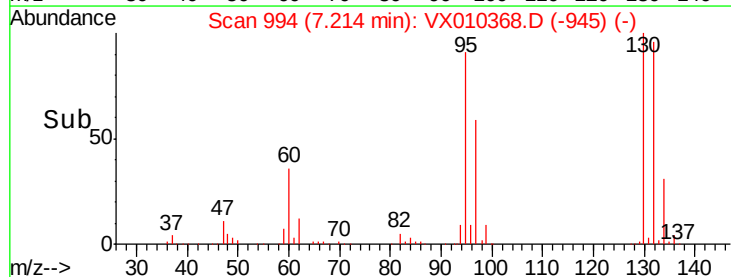
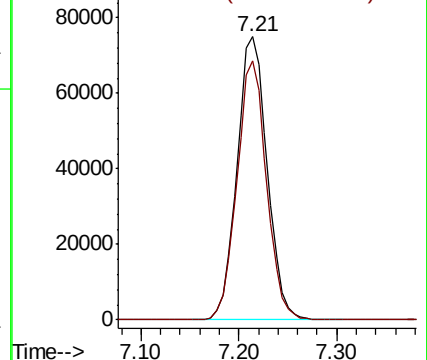
130 100

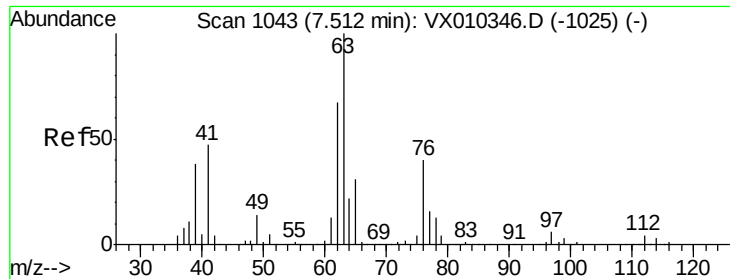
95 91.3 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

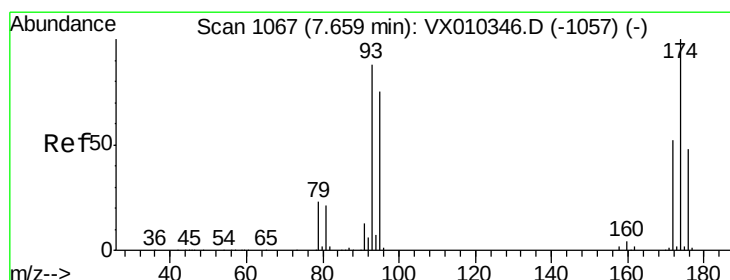
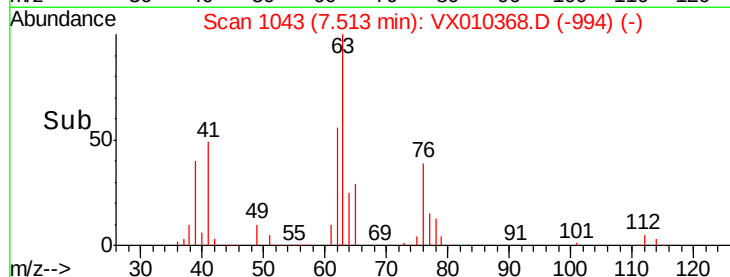
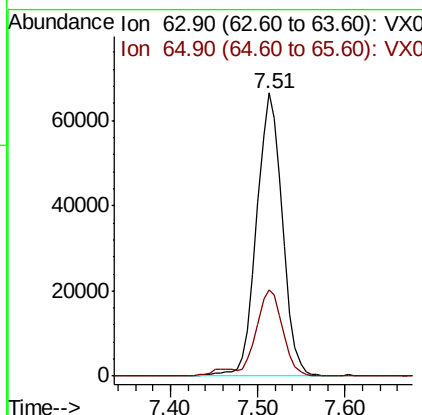
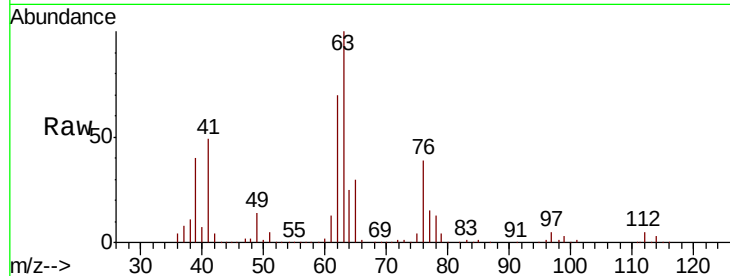




#45
 1,2-Dichloropropane
 Concen: 50.061 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

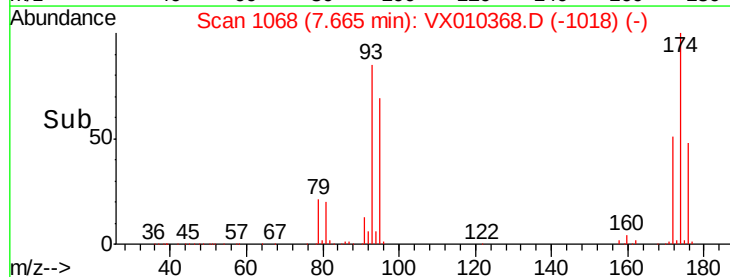
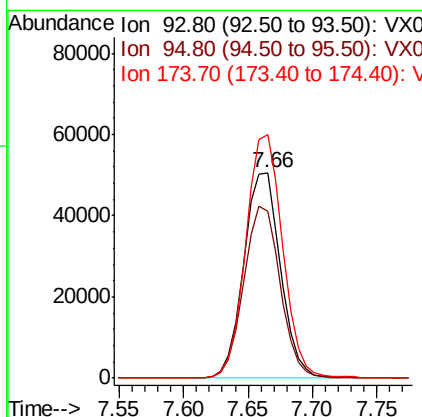
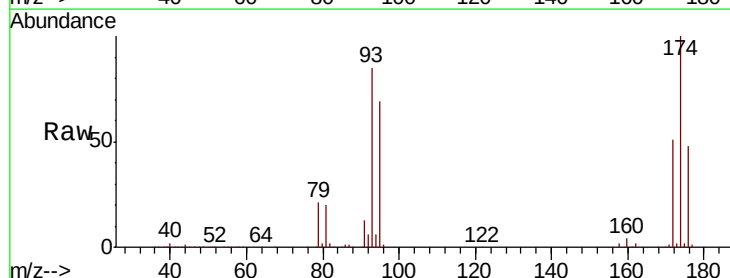
Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-3-8.0-061919MS

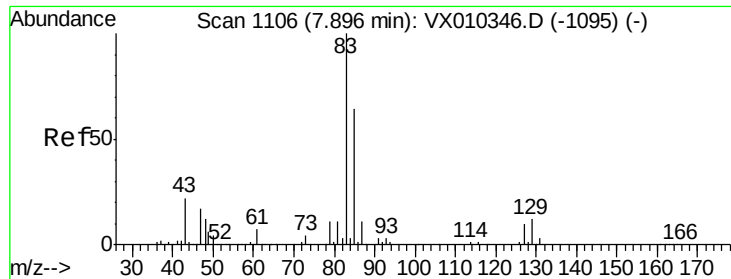
Tot Ion: 63 Resp: 136430
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.8 37.2



#46
 Dibromomethane
 Concen: 51.045 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

Tgt Ion: 93 Resp: 99810
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.5 101.3
 174 119.1 95.8 143.6





#47

Bromodichloromethane

Concen: 51.607 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-3-8.0-061919MS

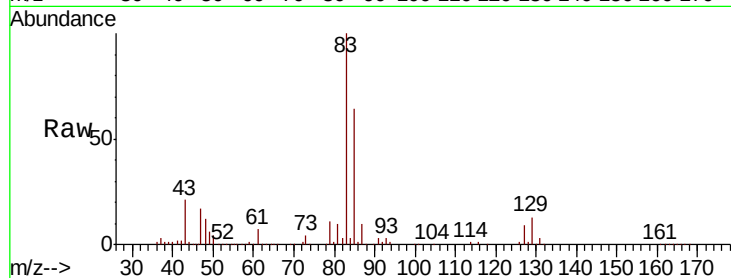
Tot Ion: 83 Resp: 184927

Ion Ratio Lower Upper

83 100

85 64.0 51.5 77.3

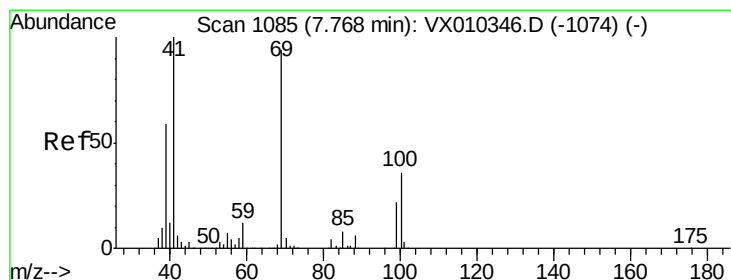
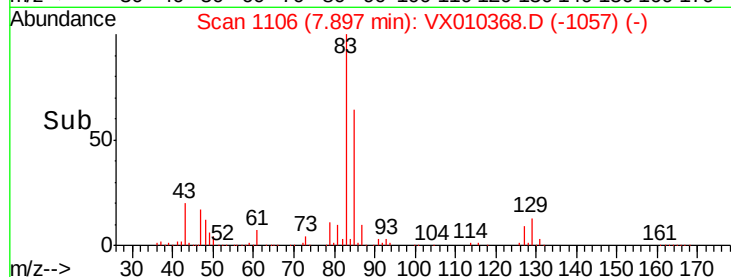
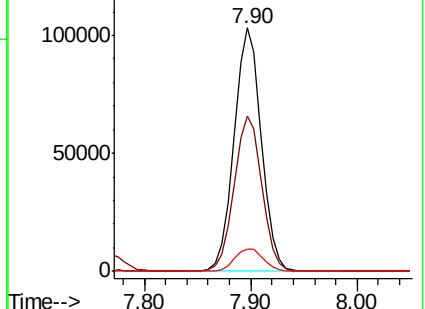
127 9.1 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.825 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

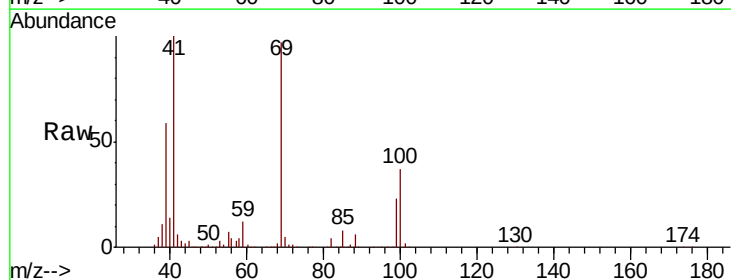
Tgt Ion: 41 Resp: 144769

Ion Ratio Lower Upper

41 100

69 95.2 76.1 114.1

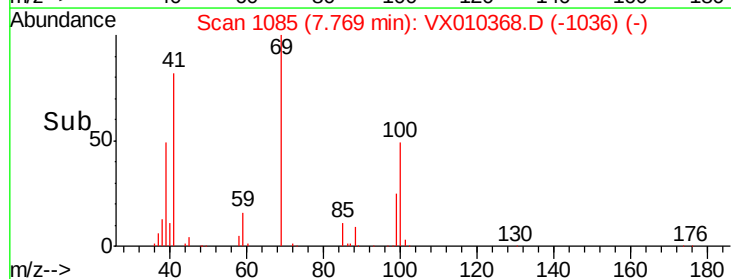
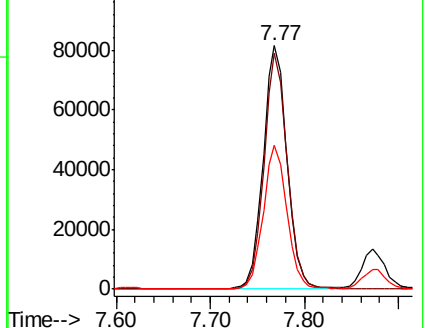
39 58.9 47.6 71.4

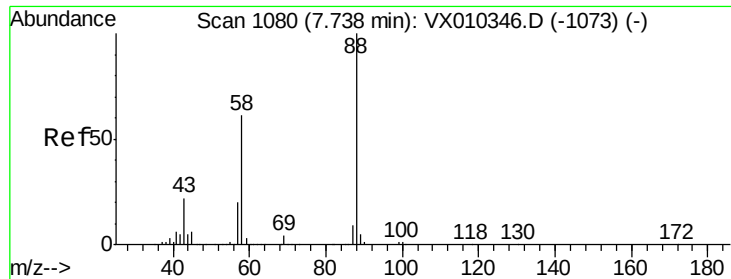


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

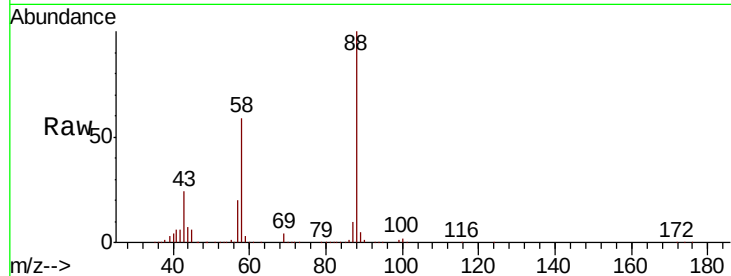




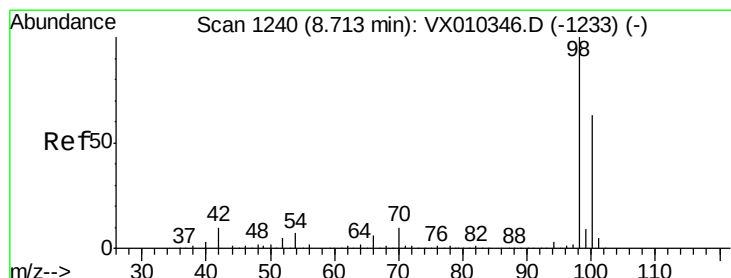
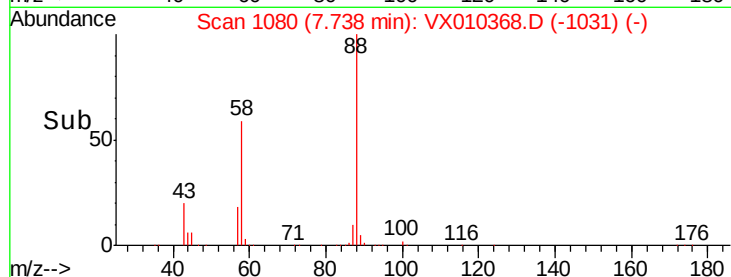
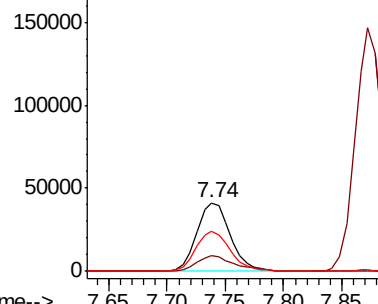
#49
1,4-Dioxane
Concen: 1048.598 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-3-8.0-061919MS

Tot Ion: 88 Resp: 82784
Ion Ratio Lower Upper
88 100
43 25.6 20.2 30.2
58 61.1 49.5 74.3

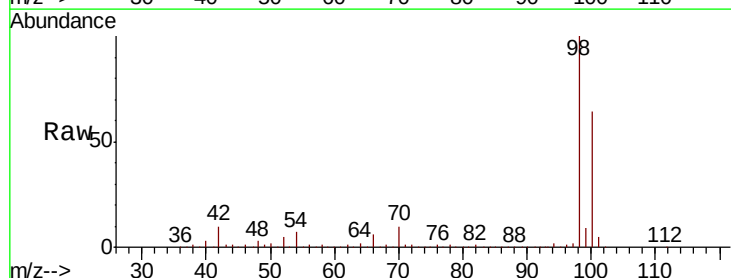


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

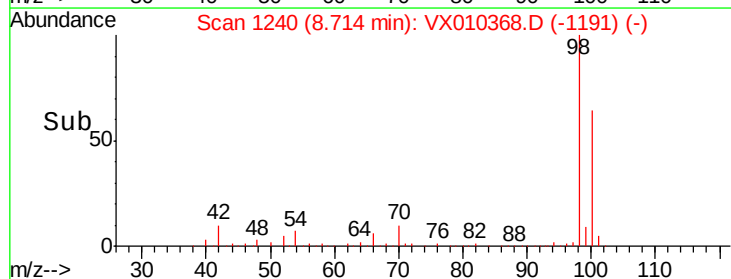
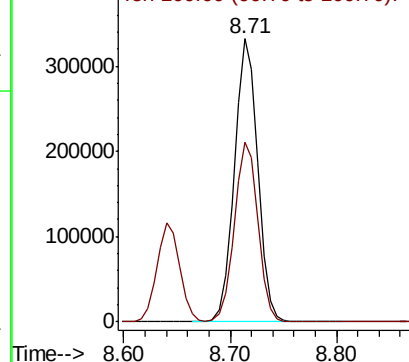


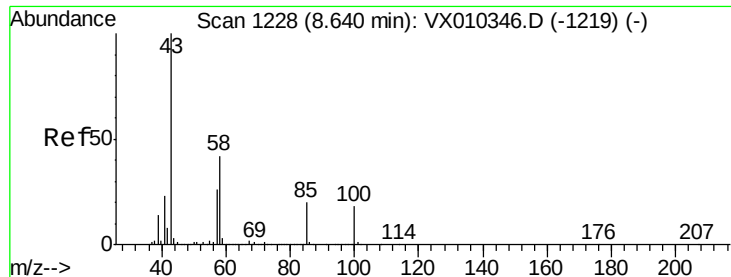
#50
Toluene-d8
Concen: 49.842 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion: 98 Resp: 508568
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

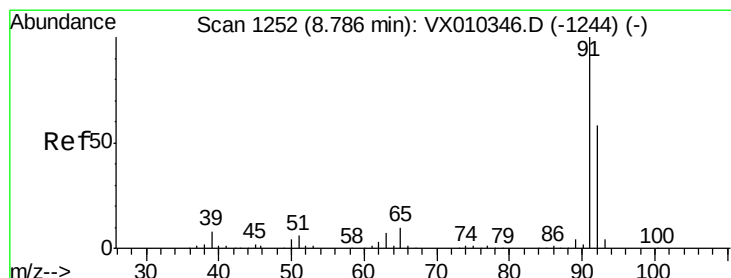
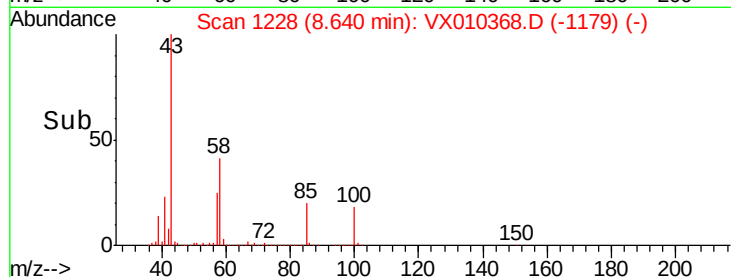
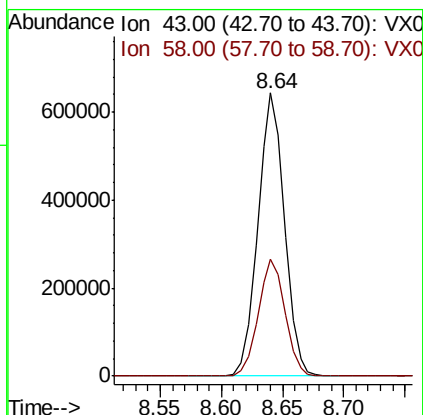
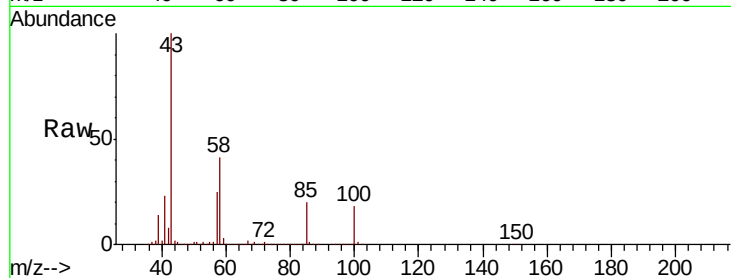




#51
 4-Methyl-2-Pentanone
 Concen: 258.208 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

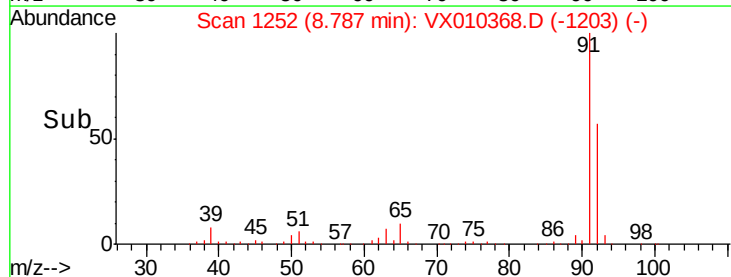
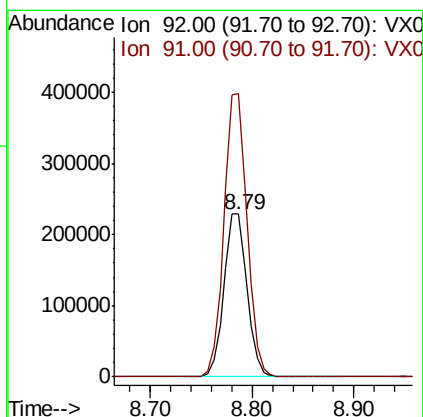
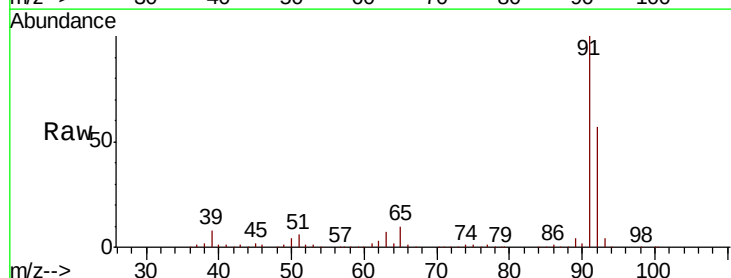
Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-3-8.0-061919MS

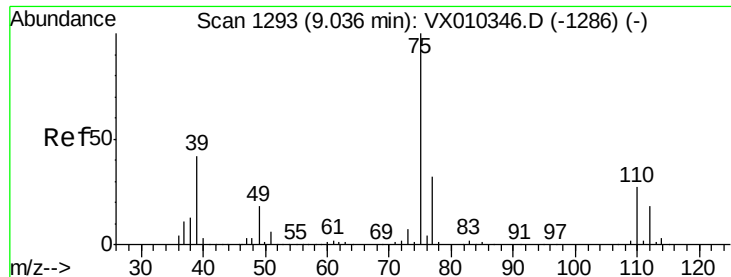
Tot Ion: 43 Resp: 973656
 Ion Ratio Lower Upper
 43 100
 58 41.6 33.5 50.3



#52
 Toluene
 Concen: 50.242 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

Tgt Ion: 92 Resp: 357065
 Ion Ratio Lower Upper
 92 100
 91 174.0 139.8 209.6

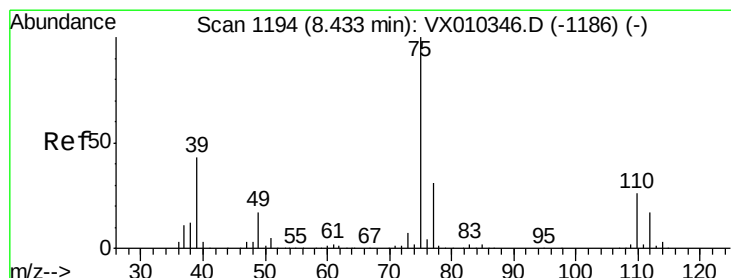
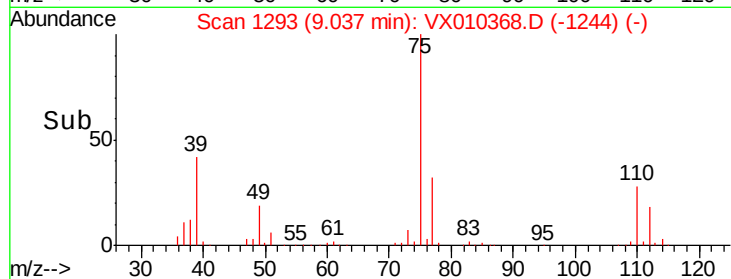
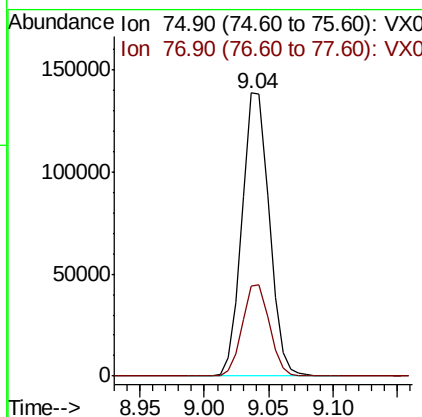
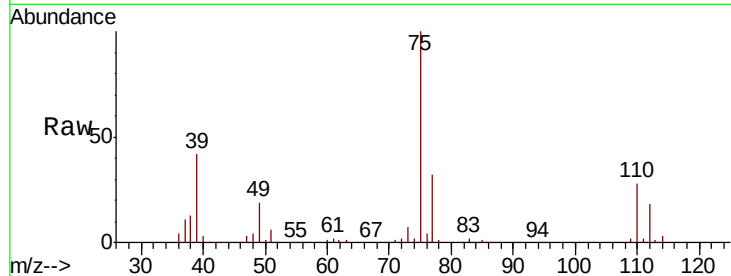




#53
 t-1,3-Dichloropropene
 Concen: 50.759 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

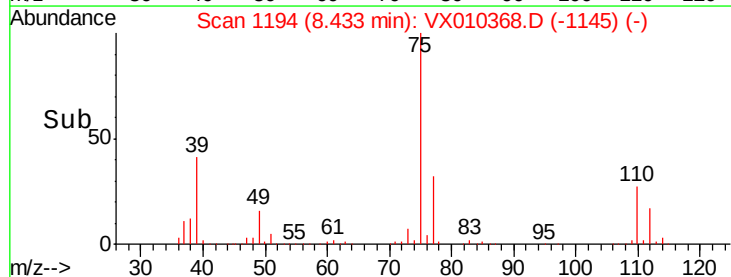
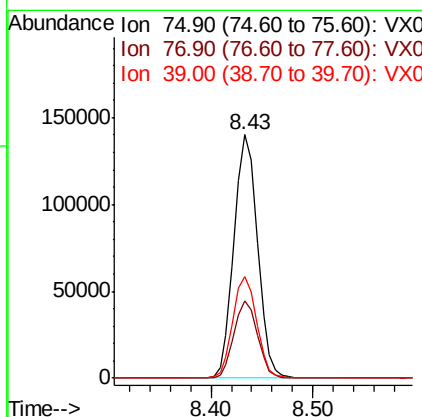
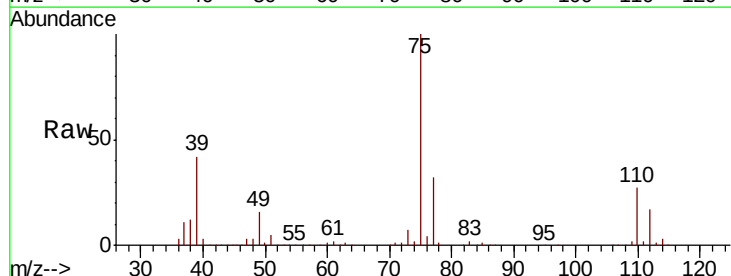
Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-3-8.0-061919MS

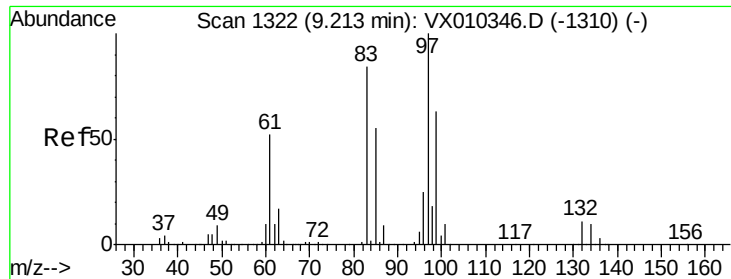
Tot Ion: 75 Resp: 203923
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 51.304 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

Tgt Ion: 75 Resp: 223984
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.2 37.8
 39 41.4 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 51.022 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-3-8.0-061919MS

Tot Ion: 97 Resp: 149547

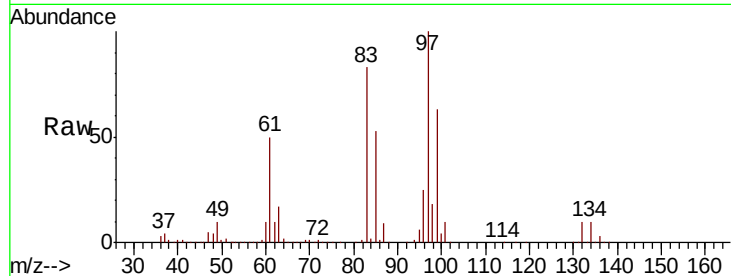
Ion Ratio Lower Upper

97 100

83 83.0 67.4 101.0

85 53.2 43.8 65.8

99 62.9 50.3 75.5

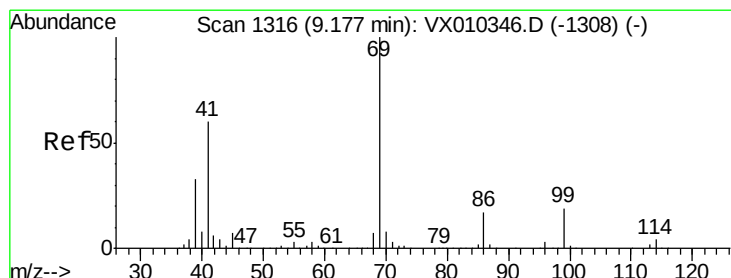
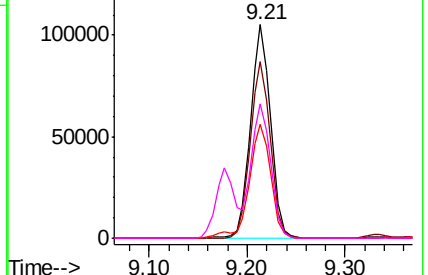
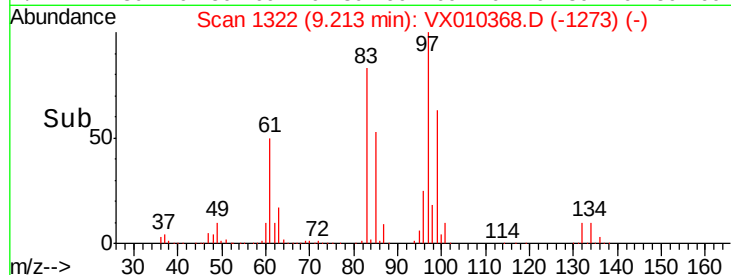


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 51.586 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

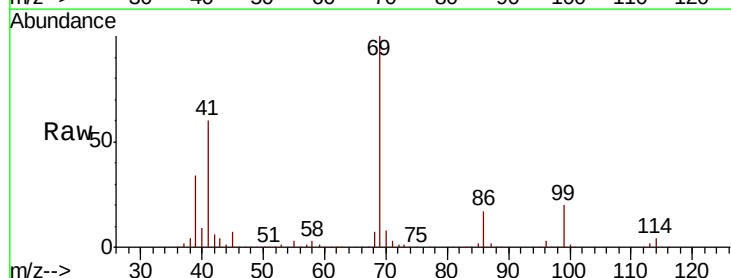
Tgt Ion: 69 Resp: 229047

Ion Ratio Lower Upper

69 100

41 59.2 47.1 70.7

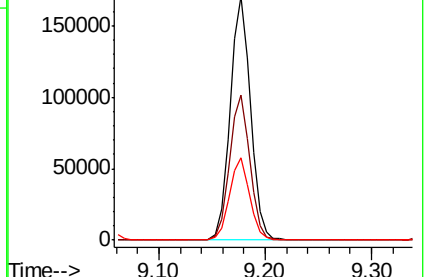
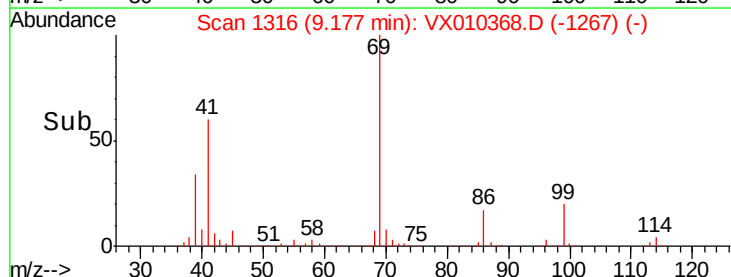
39 33.4 26.6 40.0

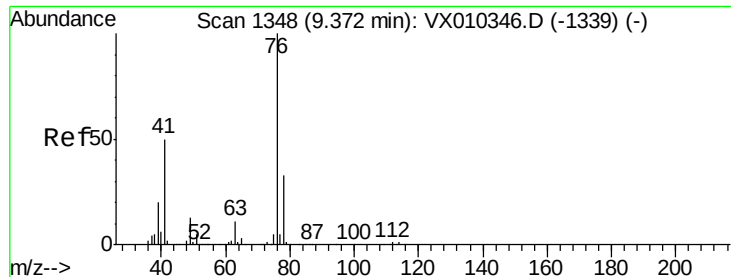


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

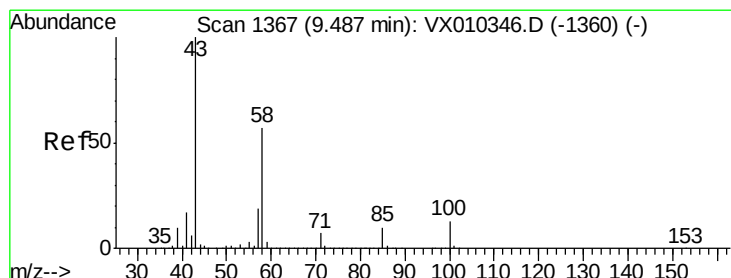
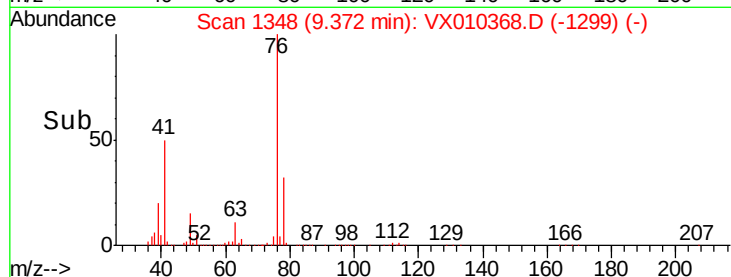
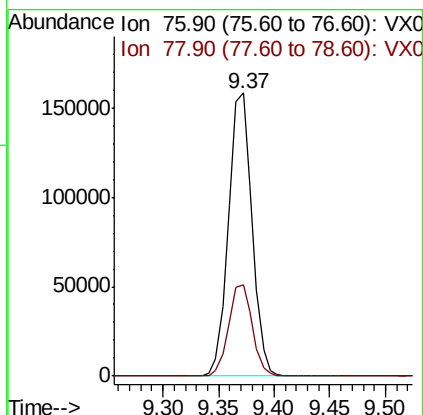
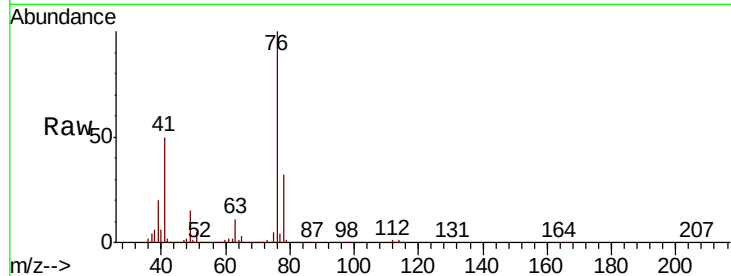




#57
 1,3-Dichloropropane
 Concen: 50.965 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

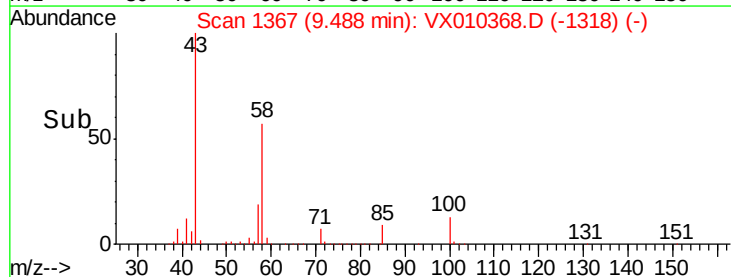
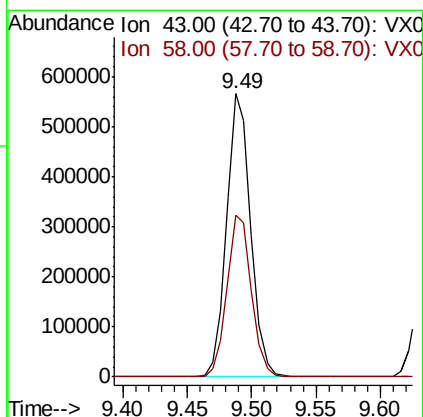
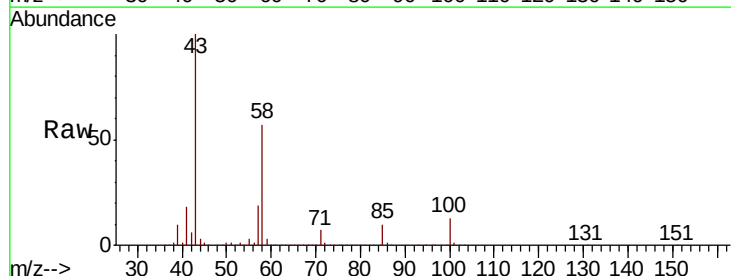
Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-3-8.0-061919MS

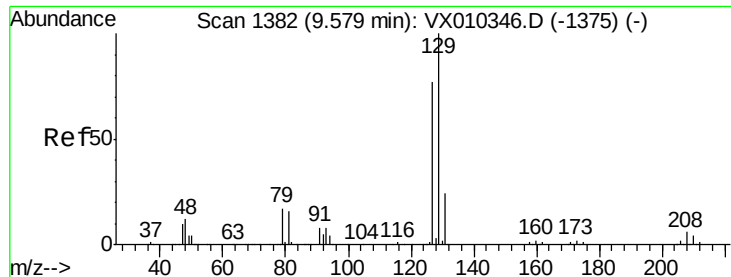
Tot Ion: 76 Resp: 231882
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.1 39.1



#59
 2-Hexanone
 Concen: 250.361 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

Tgt Ion: 43 Resp: 743015
 Ion Ratio Lower Upper
 43 100
 58 58.4 29.0 87.1

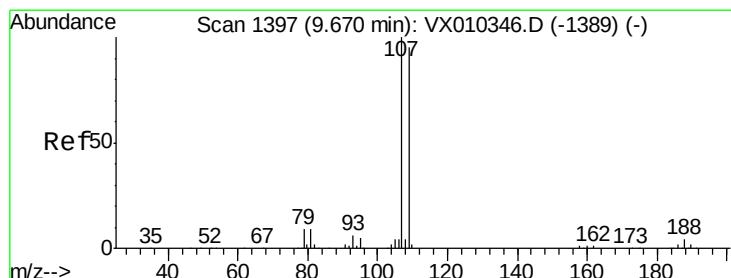
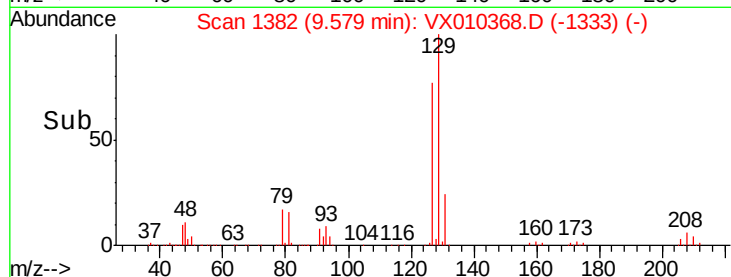
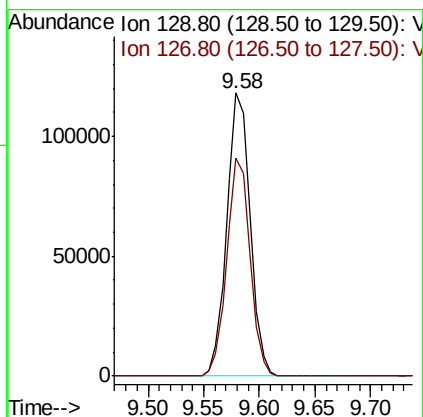
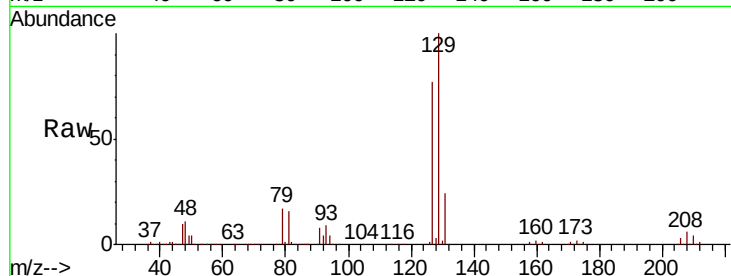




#60
Dibromochloromethane
Concen: 52.321 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

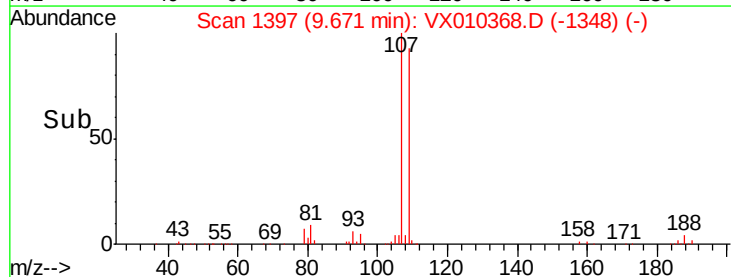
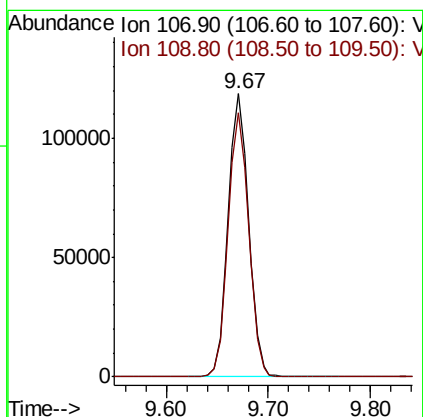
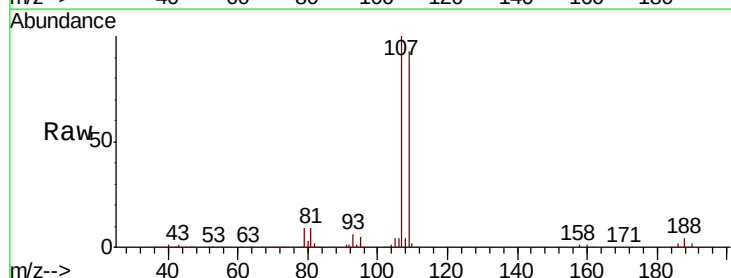
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-3-8.0-061919MS

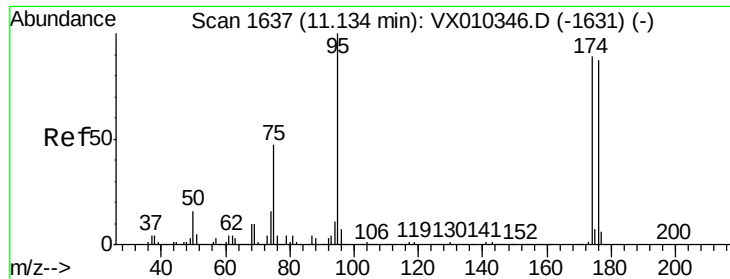
Tot Ion:129 Resp: 171708
Ion Ratio Lower Upper
129 100
127 76.7 38.4 115.1



#61
1,2-Dibromoethane
Concen: 52.081 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion:107 Resp: 164769
Ion Ratio Lower Upper
107 100
109 93.7 75.8 113.6

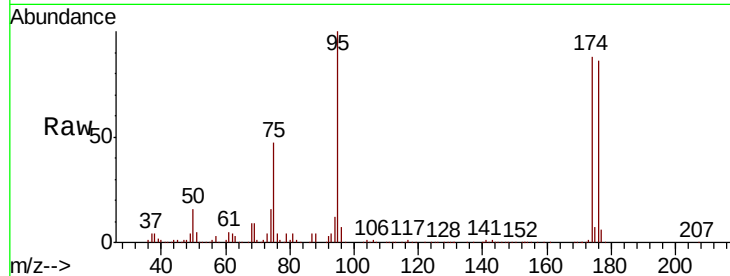




#62
4-Bromofluorobenzene
Concen: 49.193 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-3-8.0-061919MS

Tot Ion	95	Resp	181217
Ion Ratio	100		
Lower			
Upper			
174	94.6	0.0	187.6
176	92.0	0.0	184.0

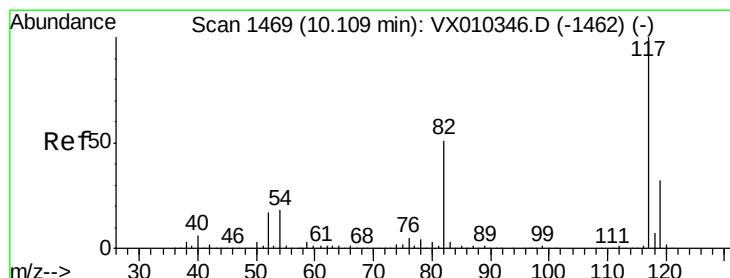
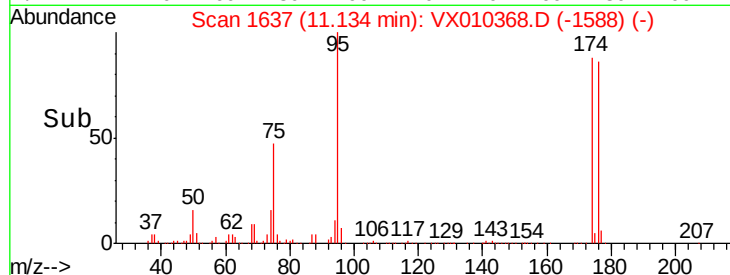
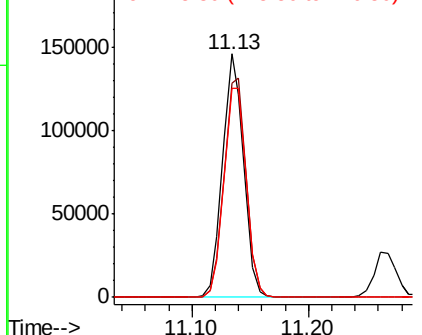


Abundance

Ion 94.90 (94.60 to 95.60): VX010368.D (-1631) (-)

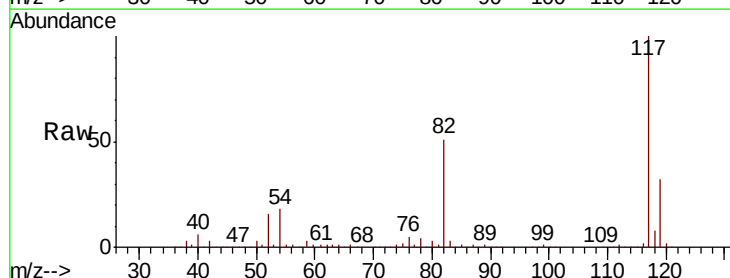
Ion 173.80 (173.50 to 174.50): VX010368.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010368.D (-1631) (-)



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion	117	Resp	390551
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
82	51.1	41.2	61.8
119	31.8	25.5	38.3

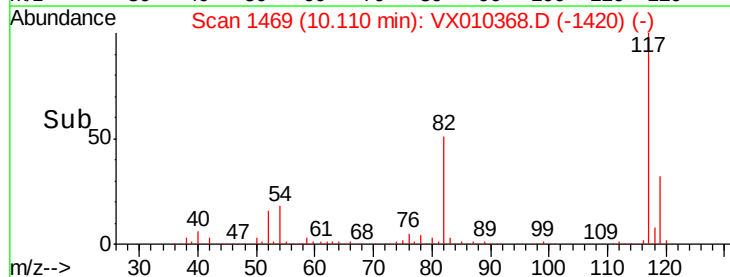
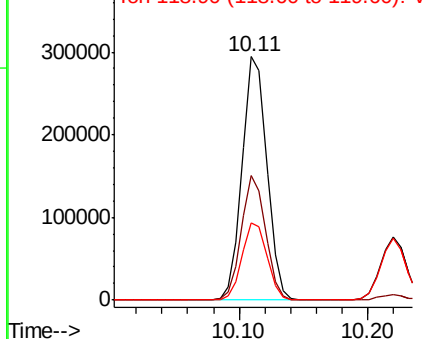


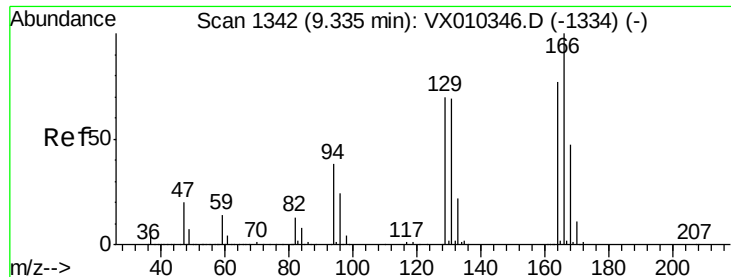
Abundance

Ion 116.90 (116.60 to 117.60): VX010368.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010368.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010368.D (-1462) (-)





#64

Tetrachloroethene

Concen: 45.142 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-3-8.0-061919MS

Tot Ion:164 Resp: 142597

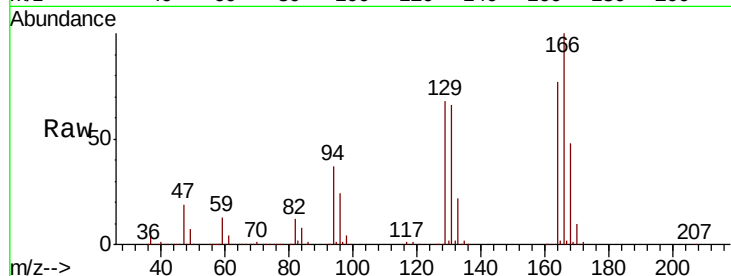
Ion Ratio Lower Upper

164 100

166 129.4 103.6 155.4

129 88.4 73.0 109.4

131 85.1 71.0 106.4

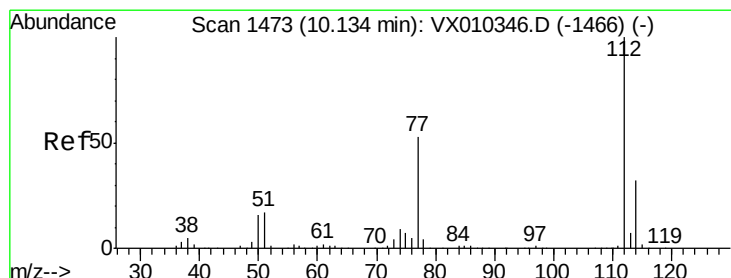
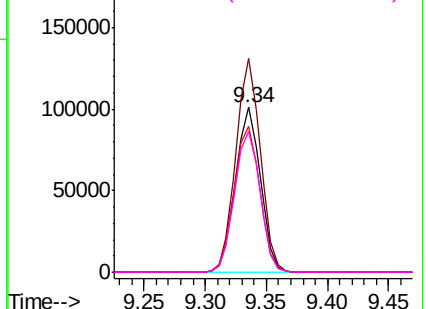
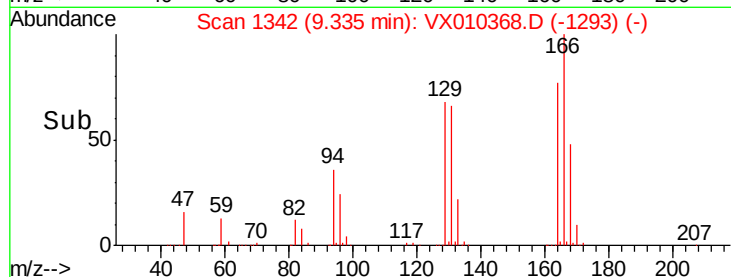


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 50.466 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX010368.D

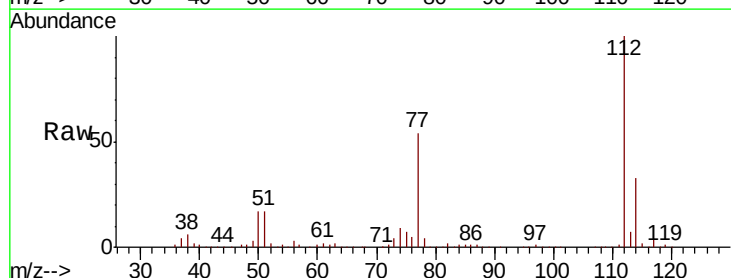
Acq: 20 Jun 2019 19:32

Tgt Ion:112 Resp: 400140

Ion Ratio Lower Upper

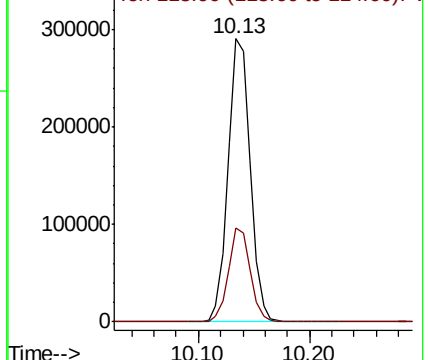
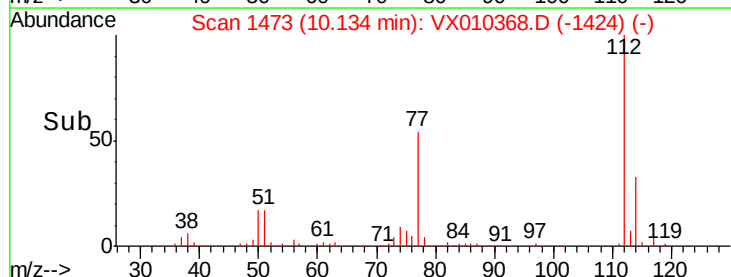
112 100

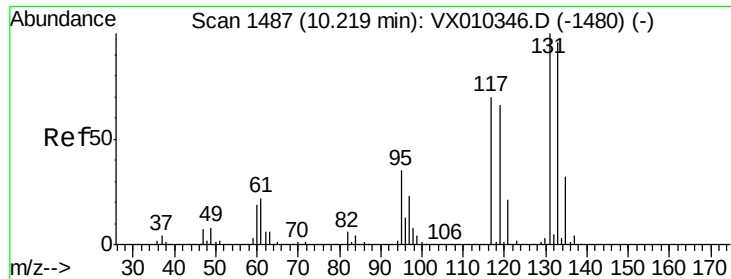
114 33.0 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

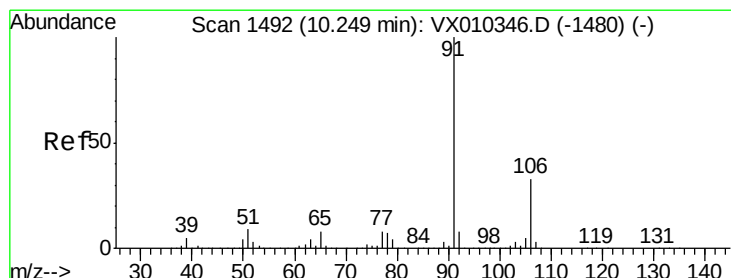
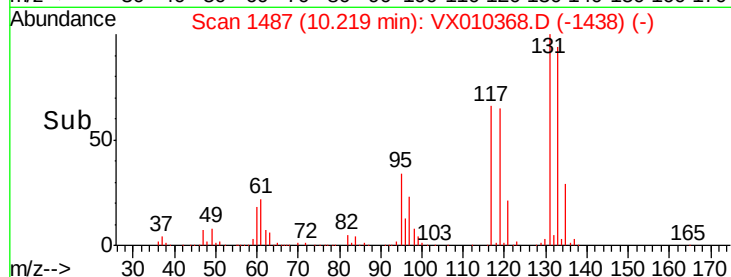
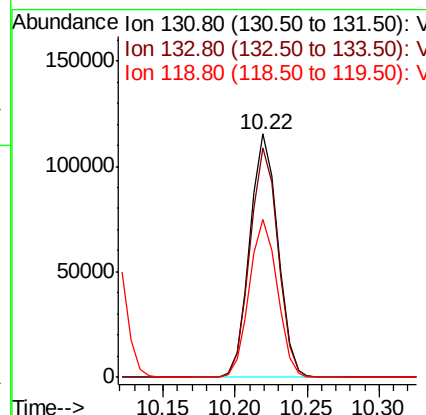
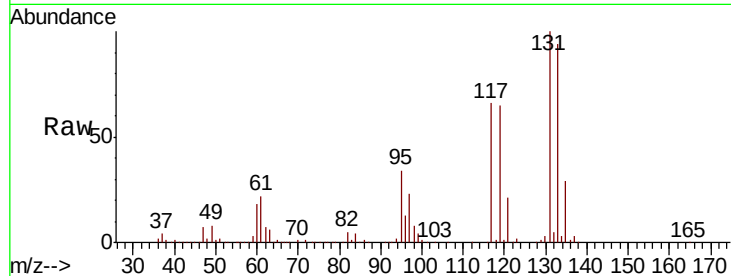




#66
 1,1,1,2-Tetrachloroethane
 Concen: 53.645 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

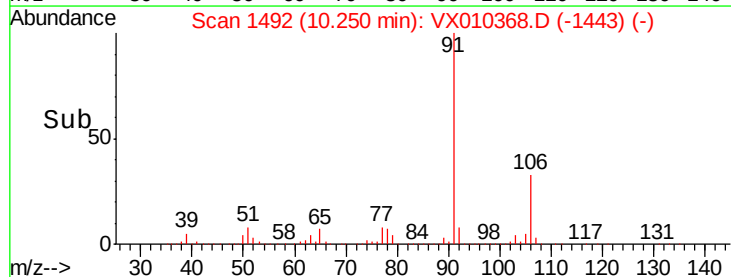
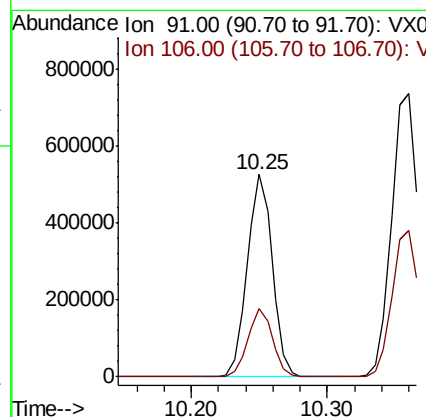
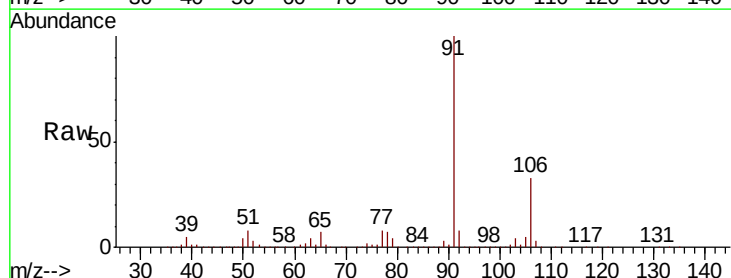
Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-3-8.0-061919MS

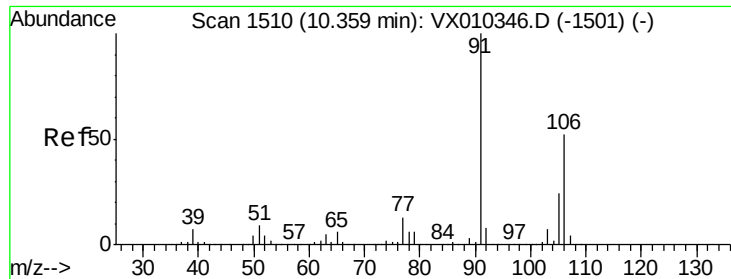
Tot Ion:131 Resp: 154935
 Ion Ratio Lower Upper
 131 100
 133 94.4 47.7 143.1
 119 65.0 32.6 97.7



#67
 Ethyl Benzene
 Concen: 50.761 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

Tgt Ion: 91 Resp: 679470
 Ion Ratio Lower Upper
 91 100
 106 33.5 26.2 39.2

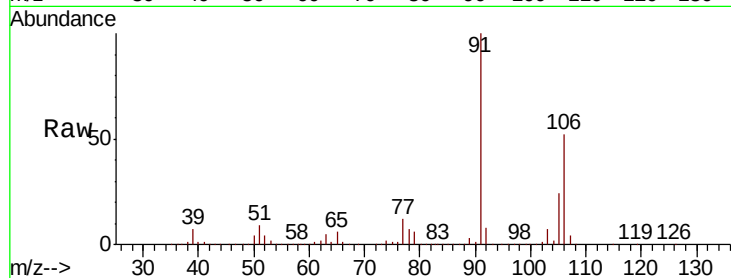




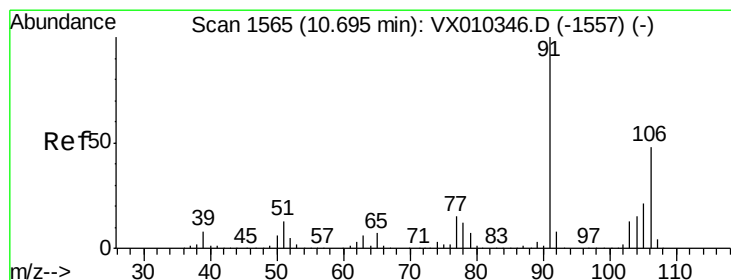
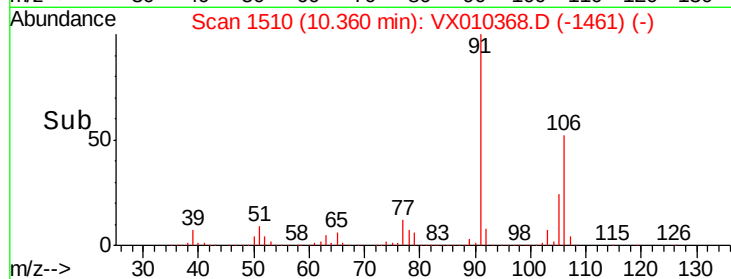
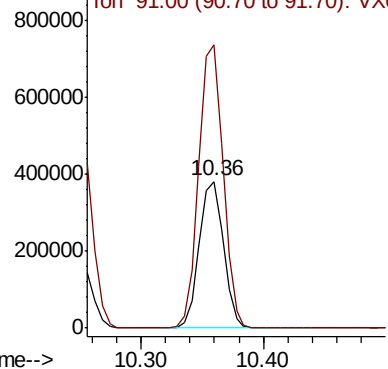
#68
m/p-Xylenes
Concen: 101.081 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-3-8.0-061919MS

Tot Ion:106 Resp: 524271
Ion Ratio Lower Upper
106 100
91 194.3 155.3 232.9

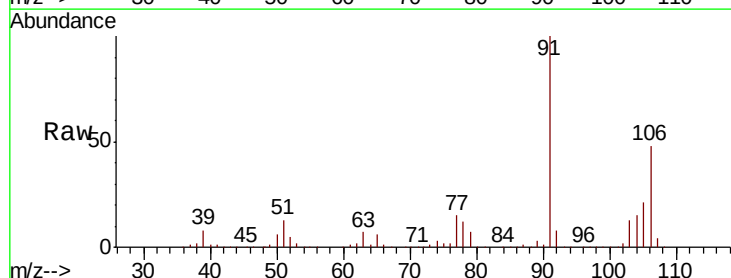


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

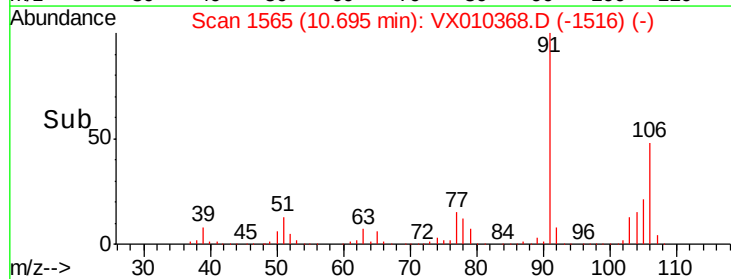
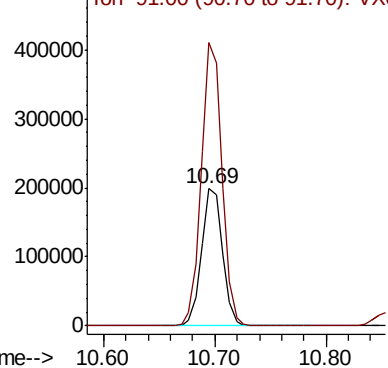


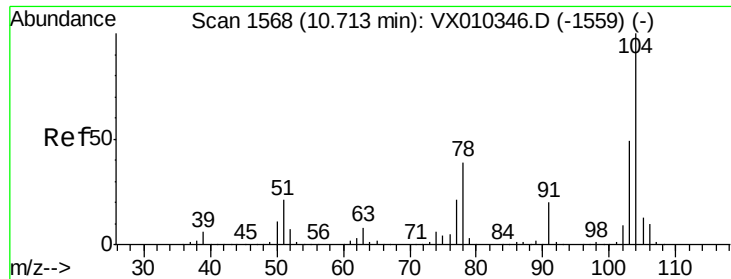
#69
o-Xylene
Concen: 50.591 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion:106 Resp: 258044
Ion Ratio Lower Upper
106 100
91 203.5 102.7 308.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

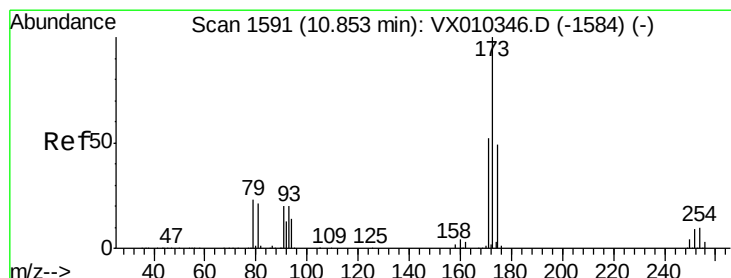
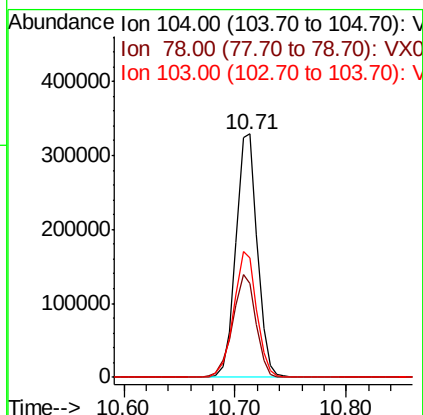
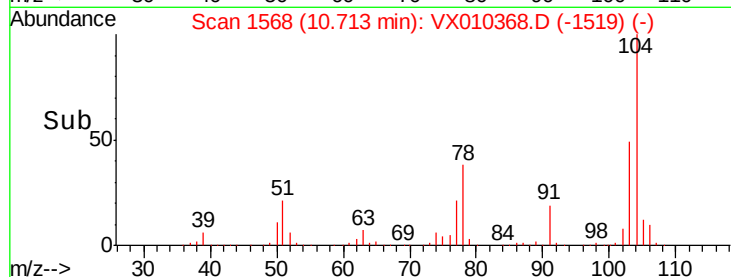
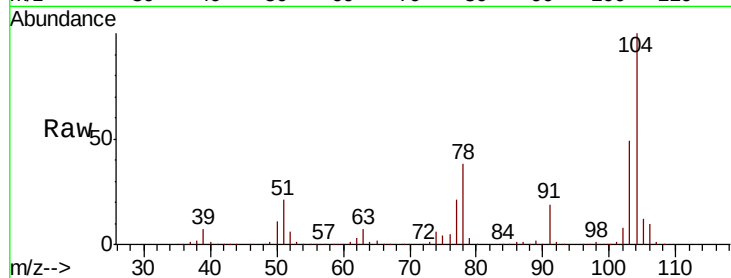




#70
Stvrene
Concen: 51.264 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

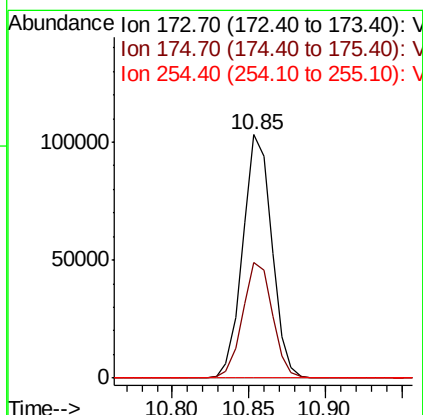
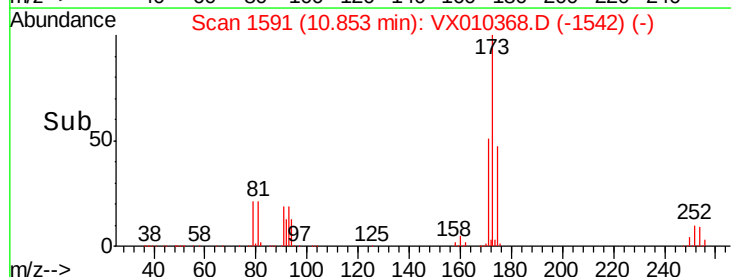
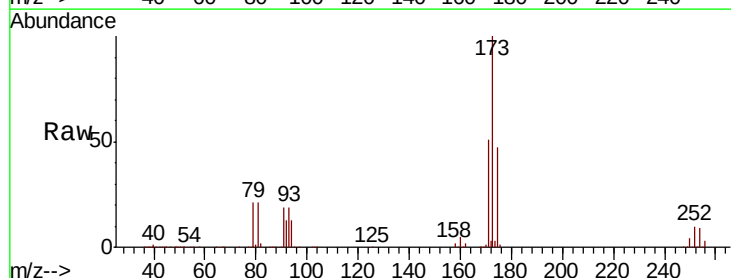
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-3-8.0-061919MS

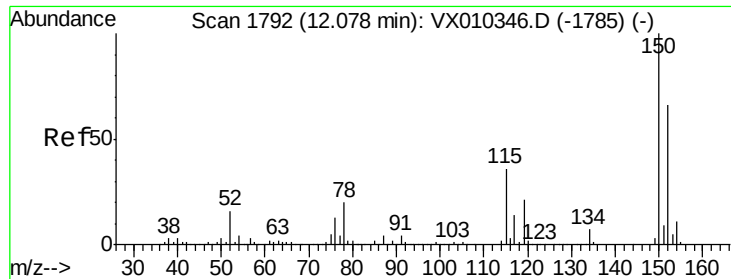
Tot Ion:104 Resp: 438506
Ion Ratio Lower Upper
104 100
78 45.5 36.2 54.2
103 55.3 44.2 66.4



#71
Bromoform
Concen: 54.310 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion:173 Resp: 136405
Ion Ratio Lower Upper
173 100
175 48.6 24.1 72.3
254 0.2 0.2 0.2



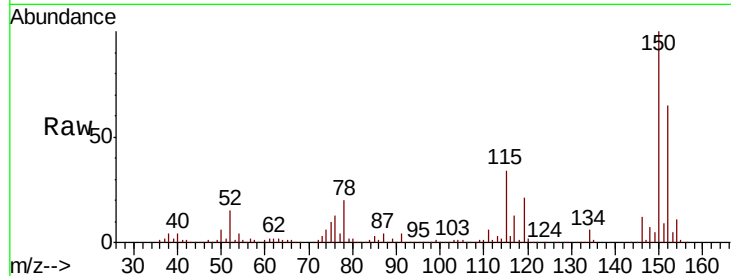


#72

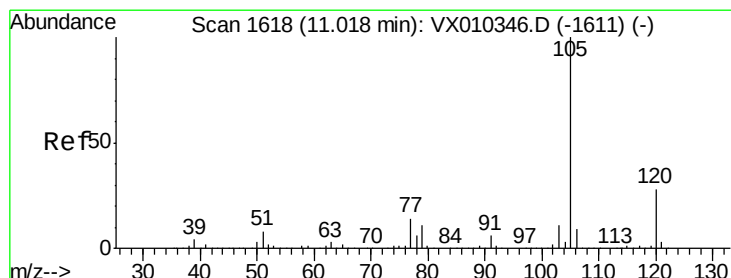
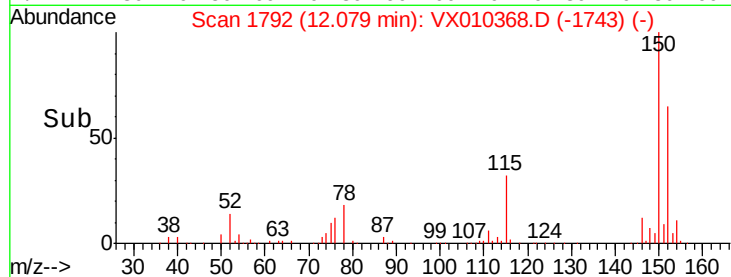
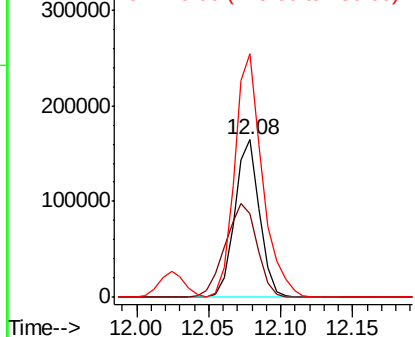
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-3-8.0-061919MS

Tot Ion:152 Resp: 196602
Ion Ratio Lower Upper
152 100
115 77.7 38.6 115.7
150 173.5 0.0 347.4



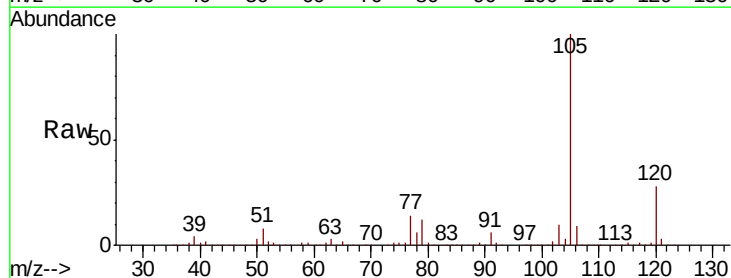
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



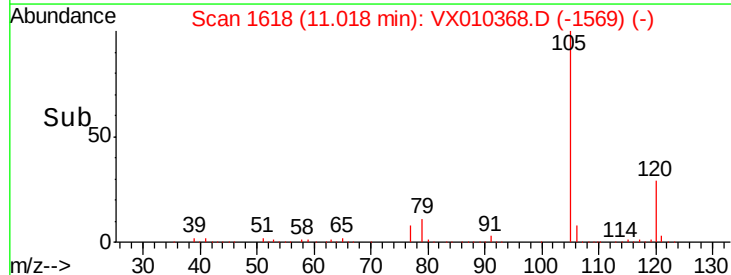
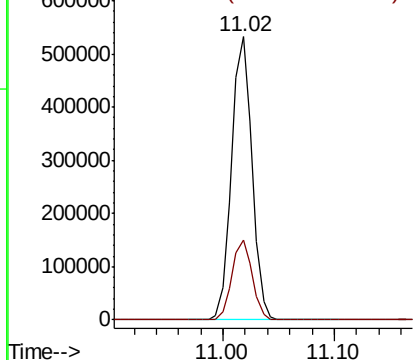
#73

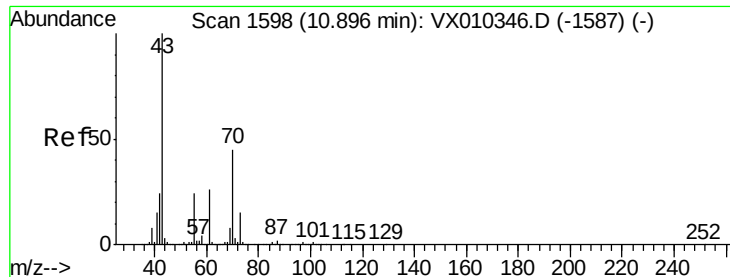
Isopropylbenzene
Concen: 50.661 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion:105 Resp: 675164
Ion Ratio Lower Upper
105 100
120 28.0 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 51.758 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-3-8.0-061919MS

Tot Ion: 43 Resp: 260687

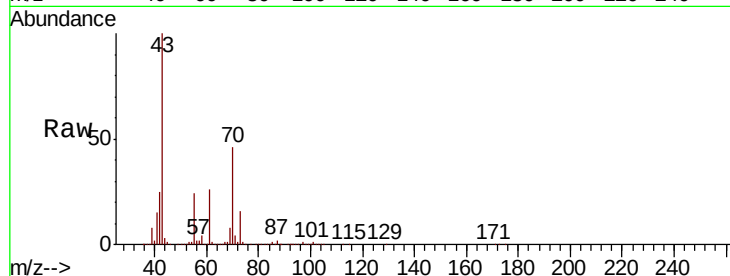
Ion Ratio Lower Upper

43 100

70 45.3 36.6 54.8

55 23.5 18.7 28.1

61 25.6 20.6 31.0

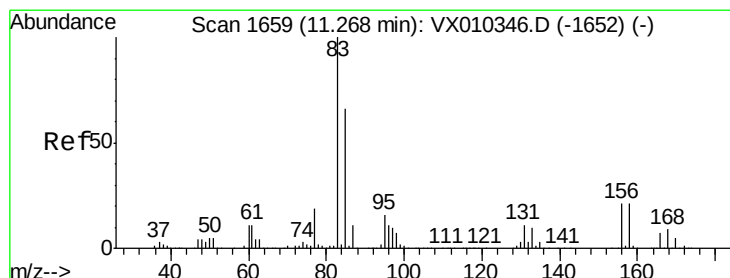
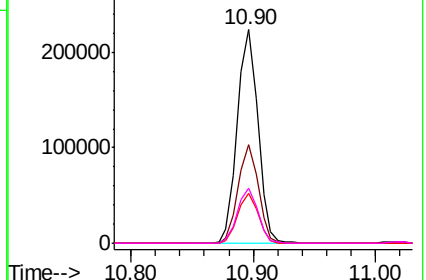
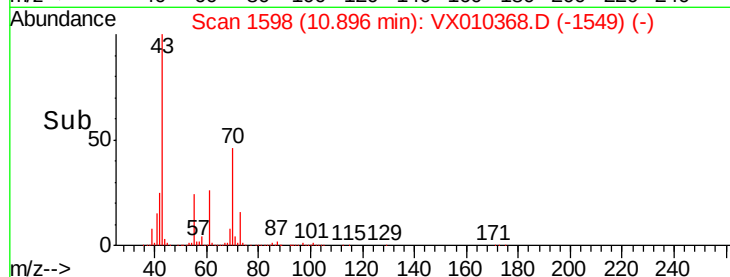


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 51.998 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

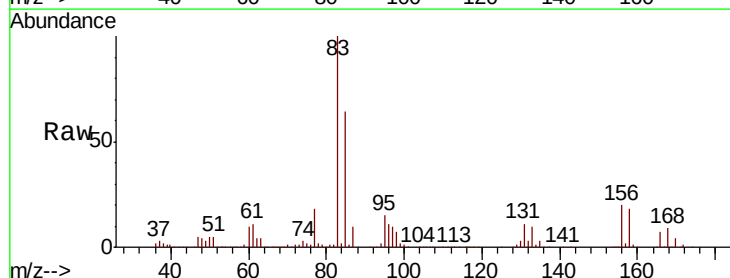
Tgt Ion: 83 Resp: 229499

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

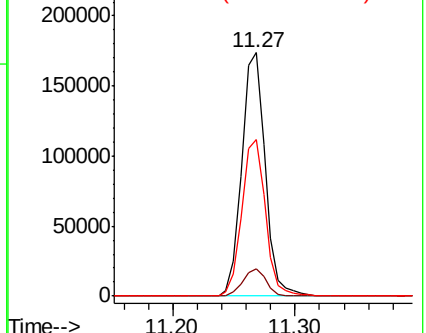
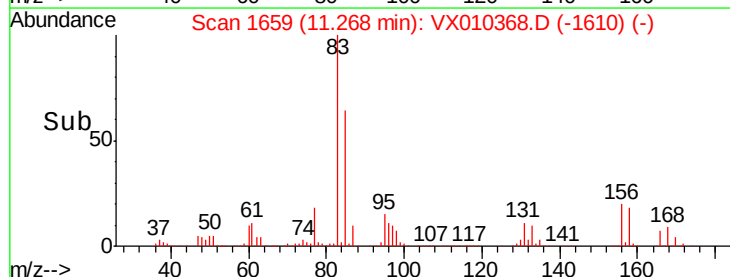
85 65.1 32.3 96.8

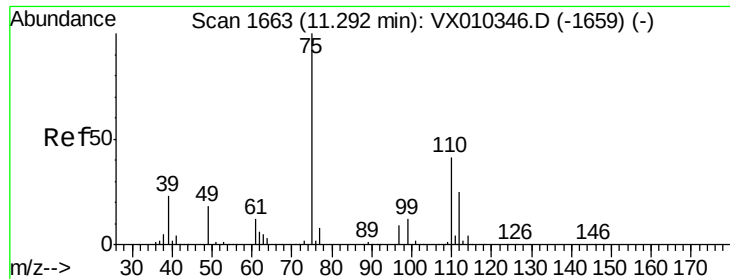


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

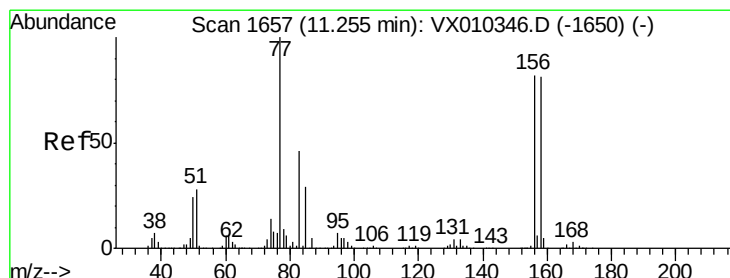
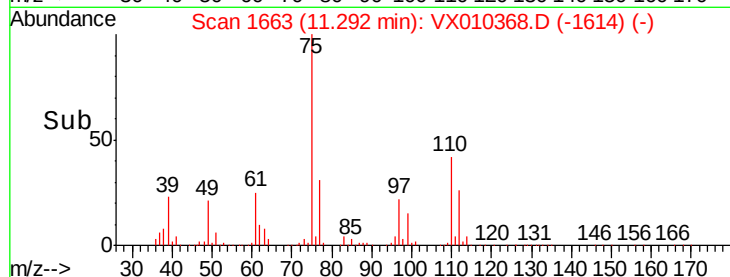
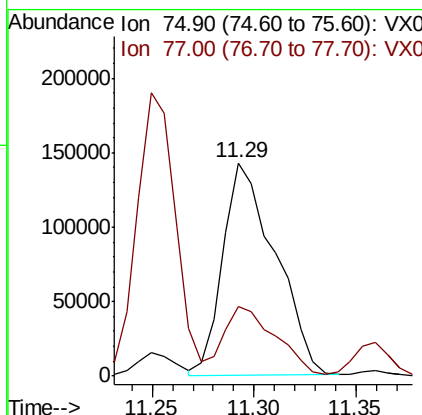
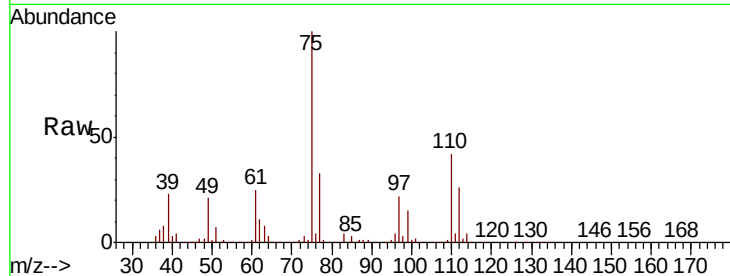




#76
 1,2,3-Trichloropropane
 Concen: 70.728 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

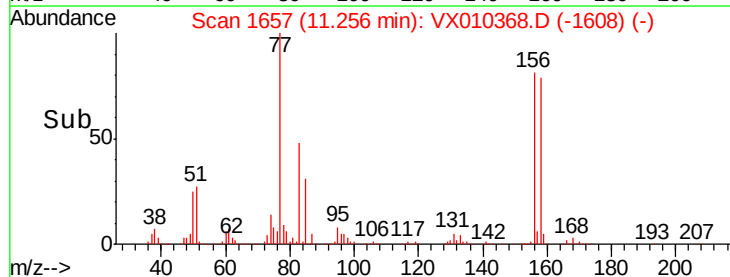
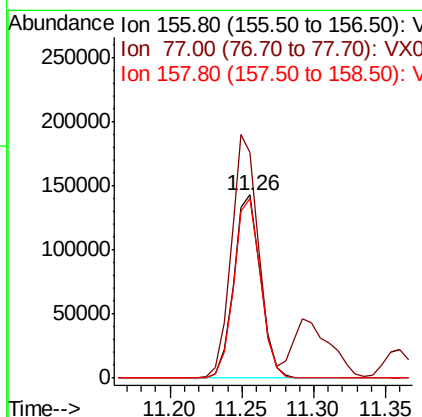
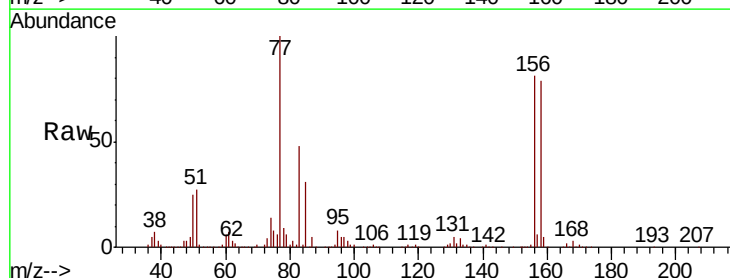
Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-3-8.0-061919MS

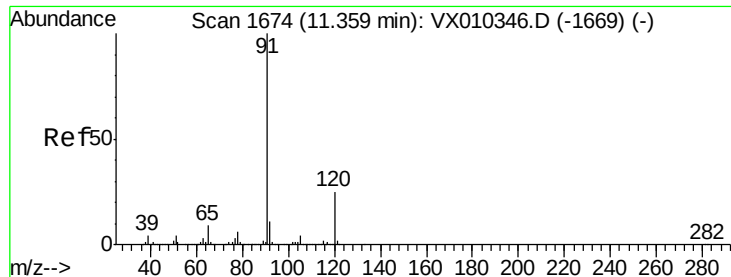
Tot Ion: 75 Resp: 253392
 Ion Ratio Lower Upper
 75 100
 77 32.9 22.6 67.8



#77
 Bromobenzene
 Concen: 50.047 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

Tgt Ion: 156 Resp: 186242
 Ion Ratio Lower Upper
 156 100
 77 133.6 66.3 198.7
 158 97.9 48.9 146.7





#78

n-propylbenzene

Concen: 51.200 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

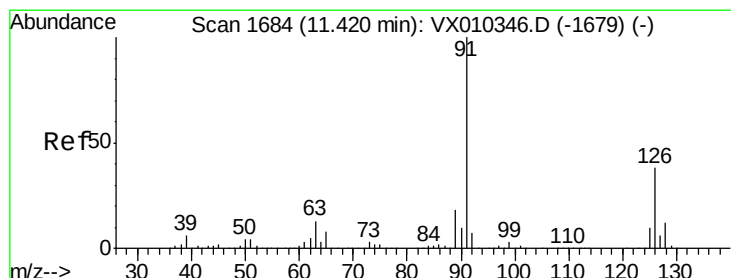
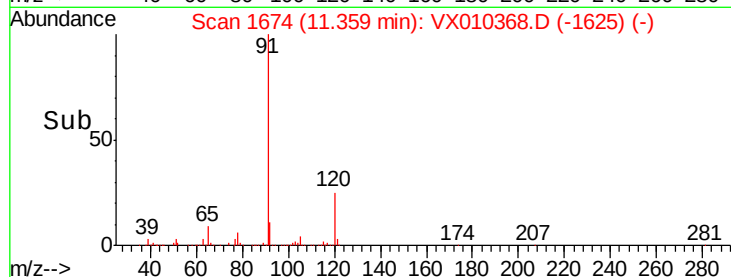
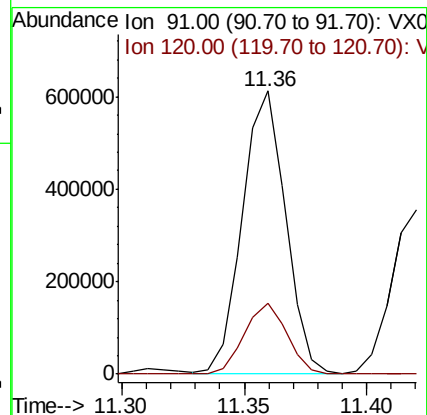
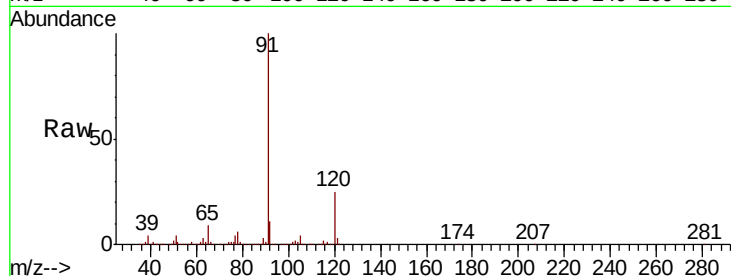
T11-MW-3-8.0-061919MS

Tot Ion: 91 Resp: 749932

Ion Ratio Lower Upper

91 100

120 25.0 12.4 37.4



#79

2-Chlorotoluene

Concen: 50.443 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010368.D

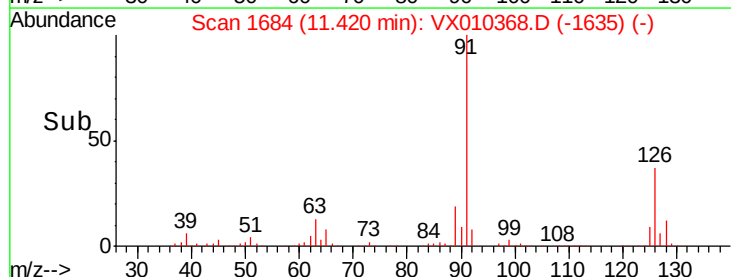
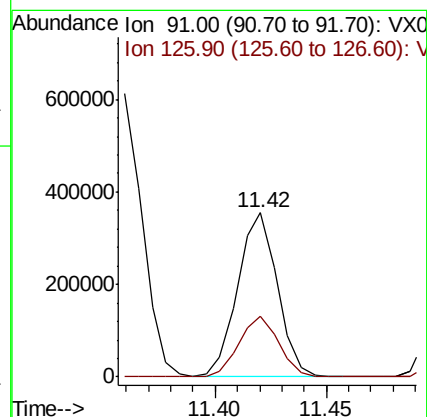
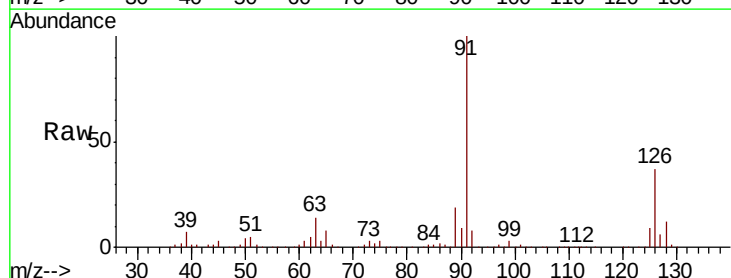
Acq: 20 Jun 2019 19:32

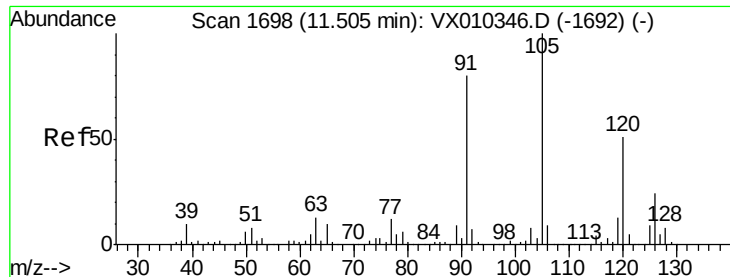
Tgt Ion: 91 Resp: 439965

Ion Ratio Lower Upper

91 100

126 37.3 18.7 56.1

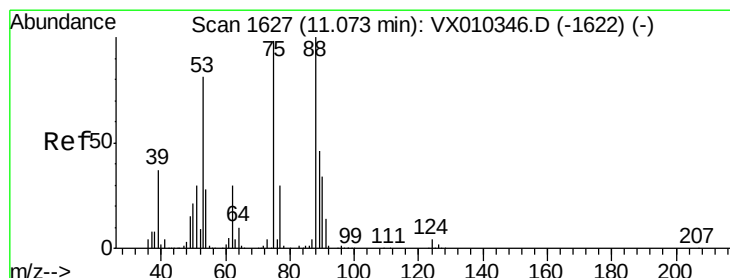
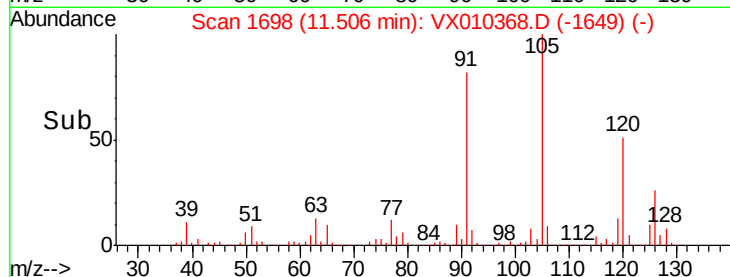
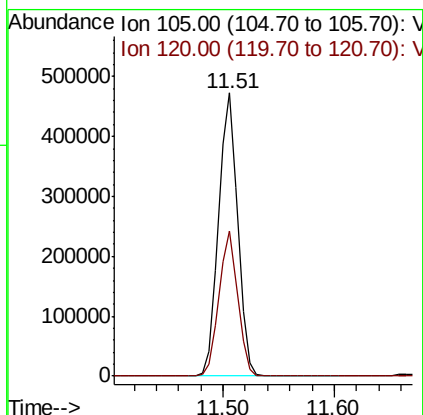
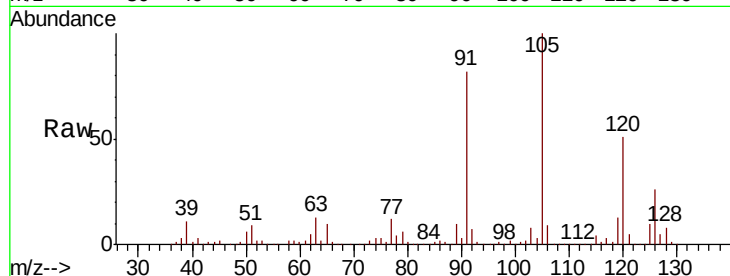




#80
 1,3,5-Trimethylbenzene
 Concen: 51.125 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

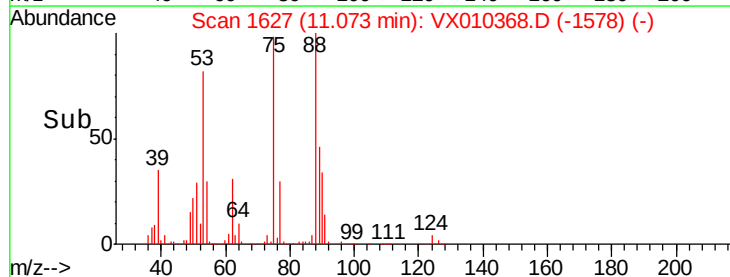
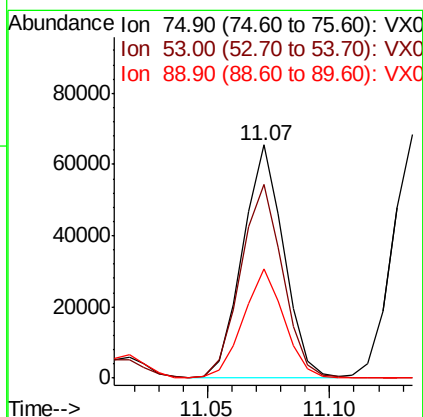
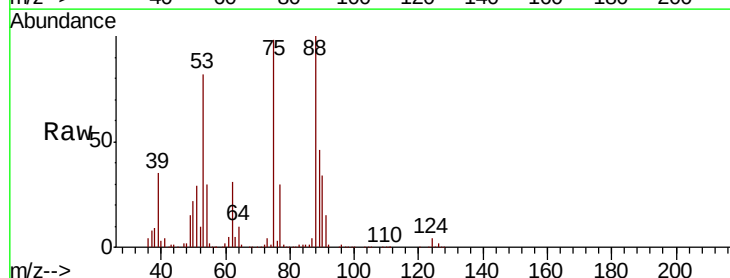
Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-3-8.0-061919MS

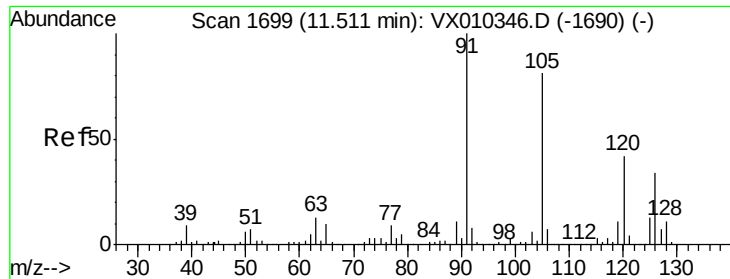
Tot Ion:105 Resp: 561688
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 49.539 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

Tgt Ion: 75 Resp: 76076
 Ion Ratio Lower Upper
 75 100
 53 85.3 66.1 99.1
 89 47.1 37.8 56.6

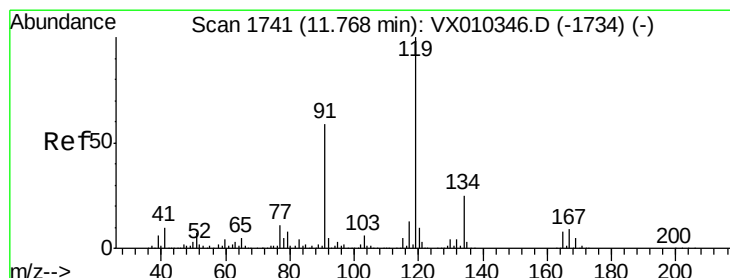
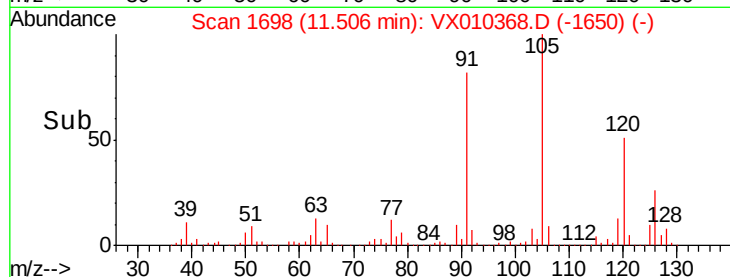
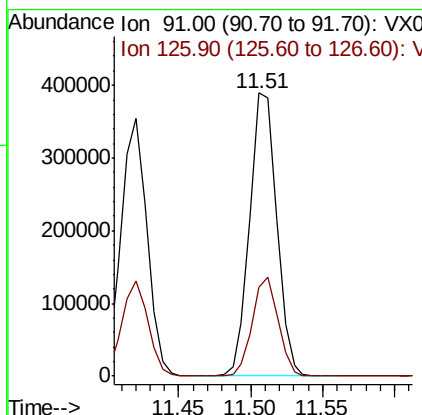
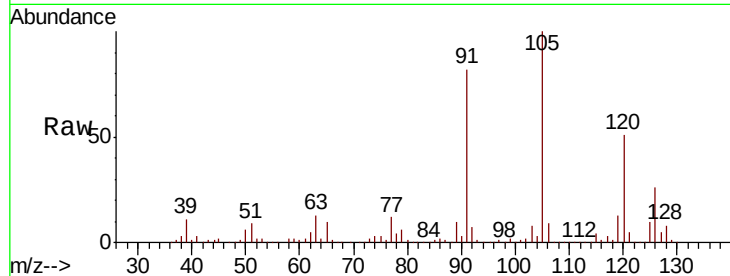




#82
4-Chlorotoluene
Concen: 50.924 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

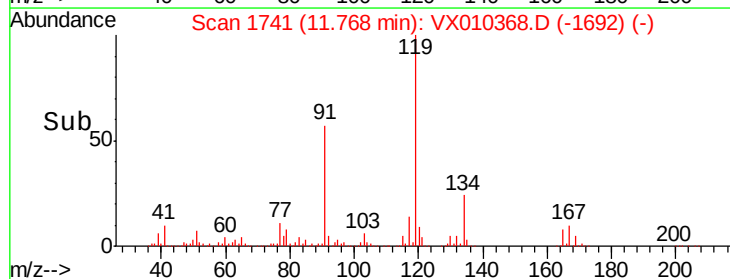
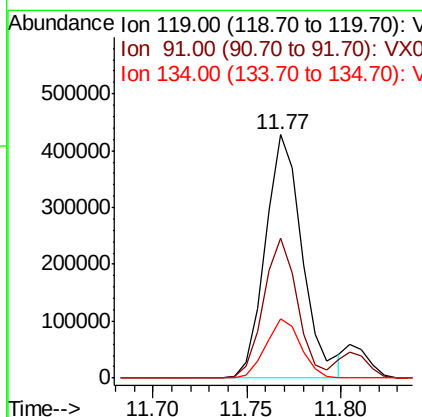
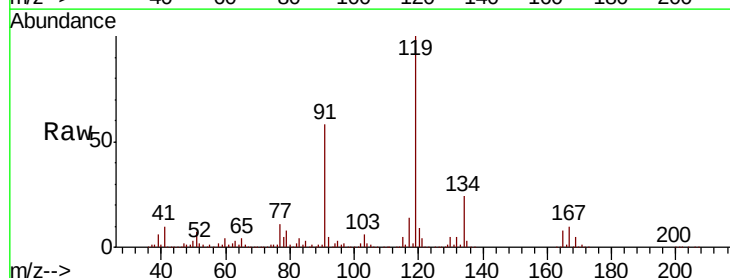
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-3-8.0-061919MS

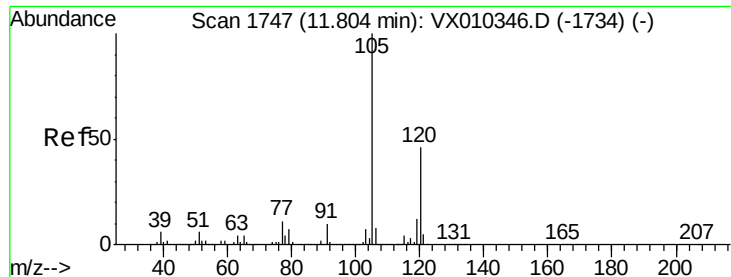
Tot Ion: 91 Resp: 505403
Ion Ratio Lower Upper
91 100
126 33.4 16.2 48.6



#83
tert-Butylbenzene
Concen: 52.891 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion: 119 Resp: 583241
Ion Ratio Lower Upper
119 100
91 52.8 27.6 82.7
134 22.9 11.8 35.4





#84

1,2,4-Trimethylbenzene

Concen: 51.826 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

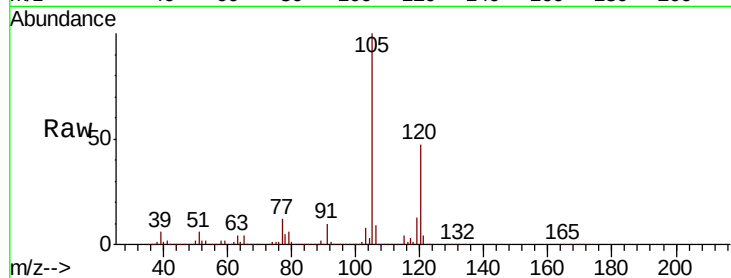
T11-MW-3-8.0-061919MS

Tot Ion:105 Resp: 572063

Ion Ratio Lower Upper

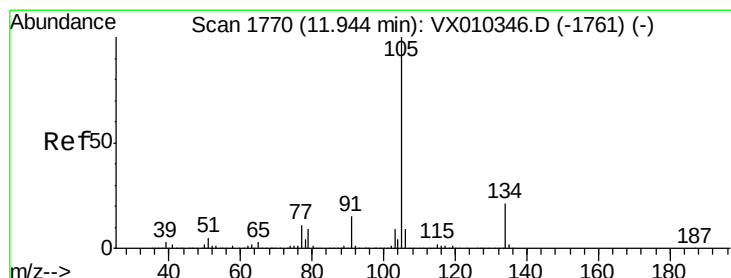
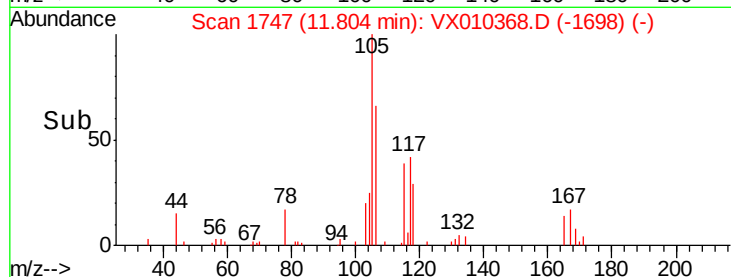
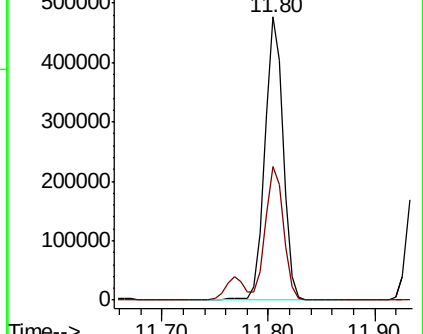
105 100

120 46.5 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 51.289 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010368.D

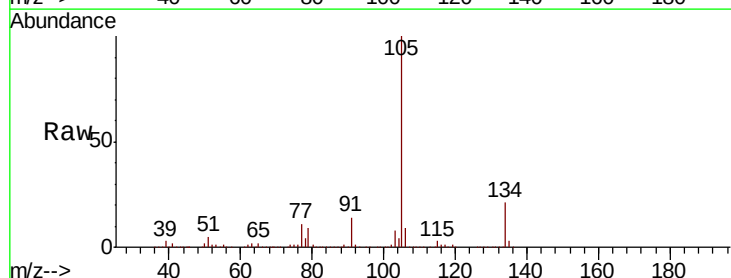
Acq: 20 Jun 2019 19:32

Tgt Ion:105 Resp: 664053

Ion Ratio Lower Upper

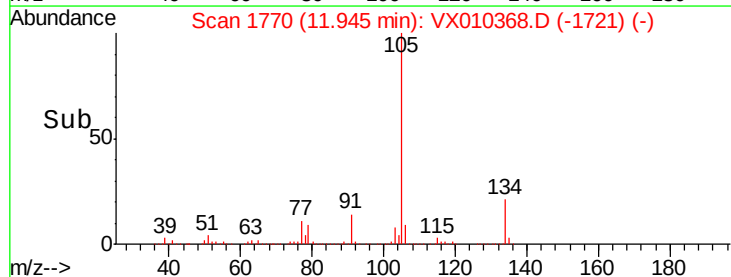
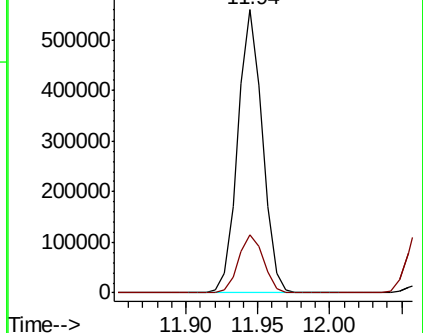
105 100

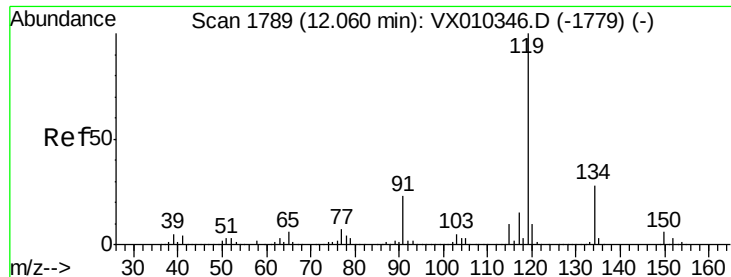
134 21.1 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

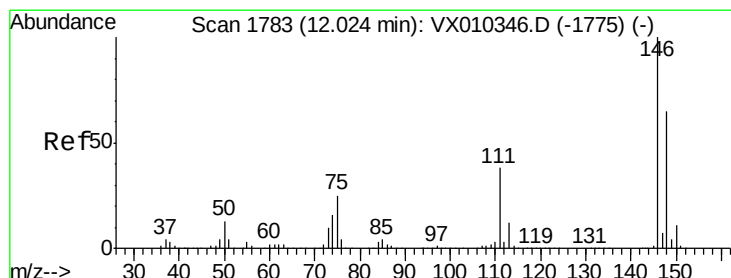
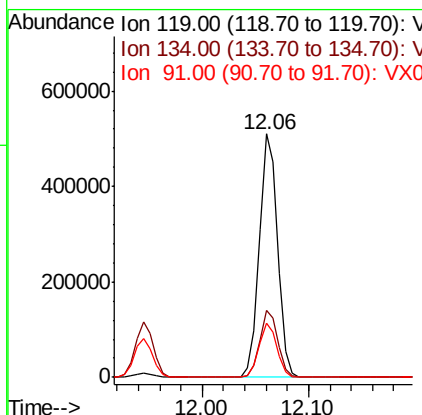
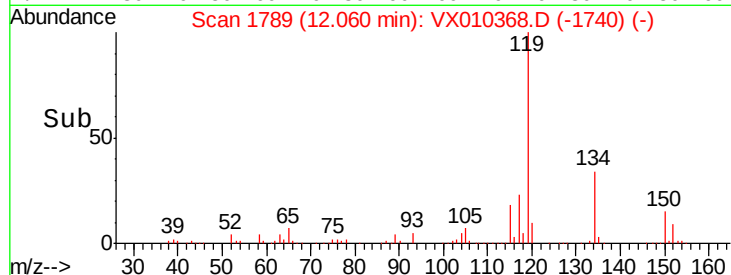
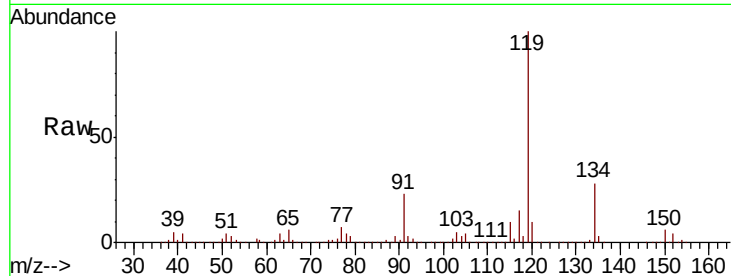




#86
p-Isopropyltoluene
Concen: 51.300 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

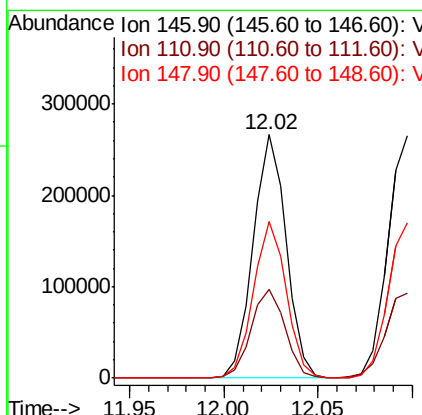
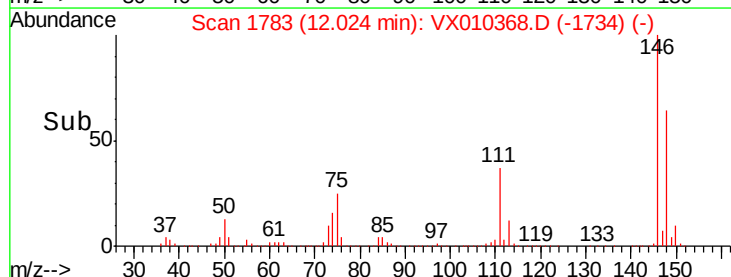
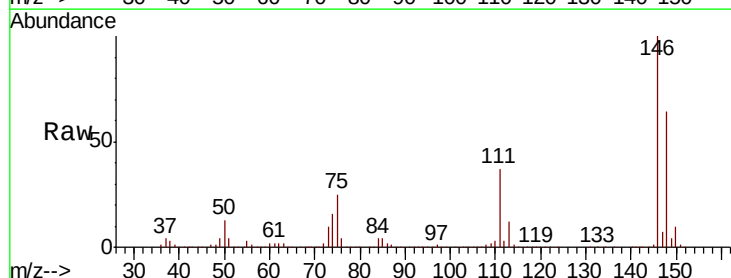
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-3-8.0-061919MS

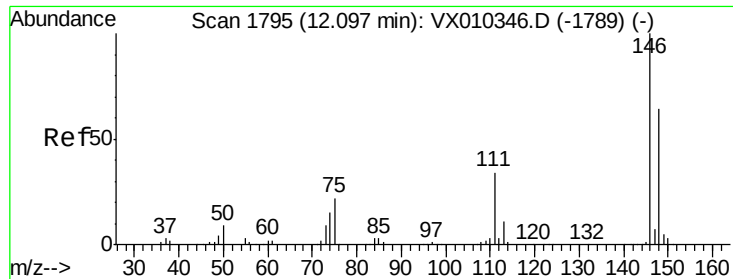
Tot Ion:119 Resp: 614362
Ion Ratio Lower Upper
119 100
134 27.3 13.7 41.1
91 22.0 11.3 33.8



#87
1,3-Dichlorobenzene
Concen: 49.871 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion:146 Resp: 323953
Ion Ratio Lower Upper
146 100
111 37.5 19.1 57.1
148 63.8 32.5 97.4





#88

1,4-Dichlorobenzene

Concen: 48.777 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-3-8.0-061919MS

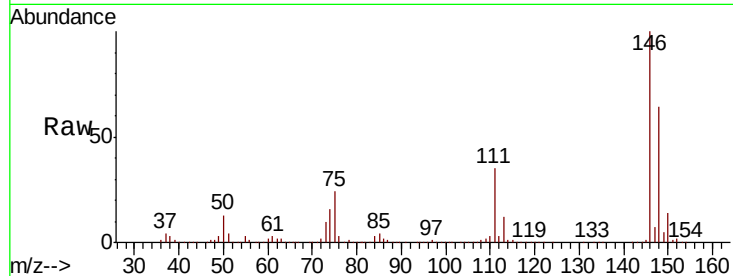
Tot Ion:146 Resp: 322565

Ion Ratio Lower Upper

146 100

111 36.8 18.1 54.3

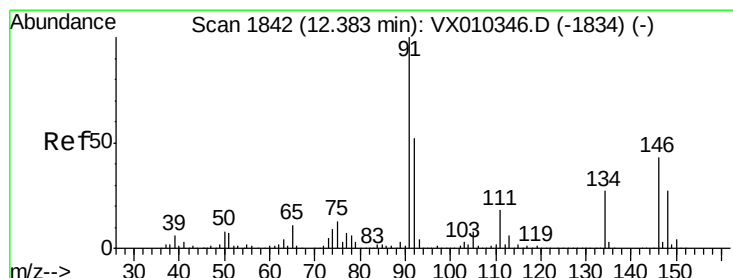
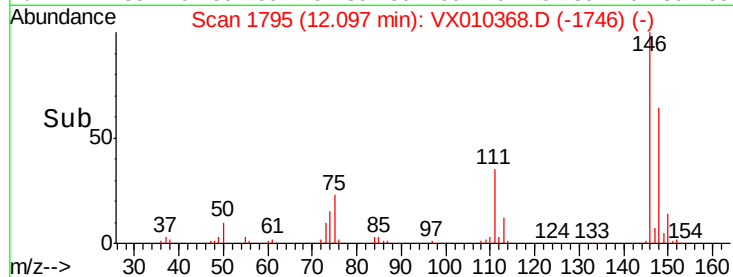
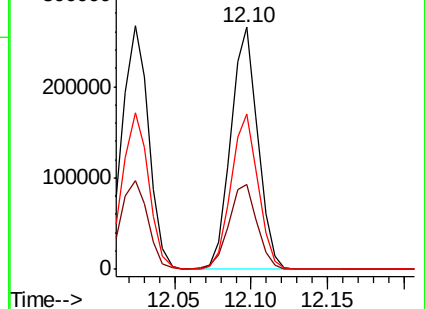
148 64.3 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 51.921 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

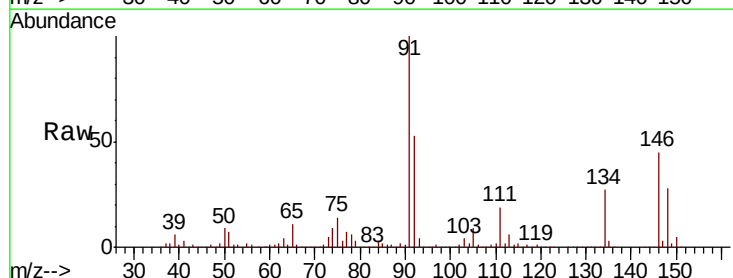
Tgt Ion: 91 Resp: 528374

Ion Ratio Lower Upper

91 100

92 52.8 26.2 78.5

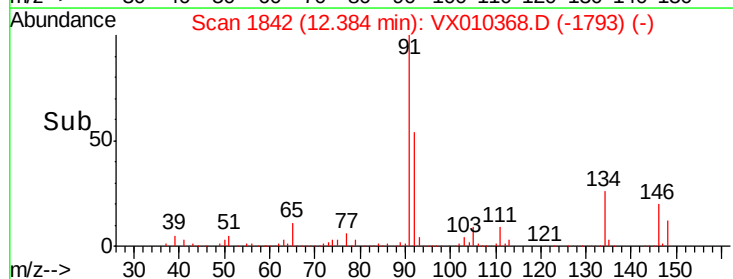
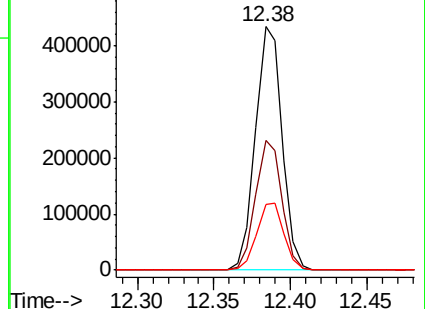
134 27.9 14.1 42.4

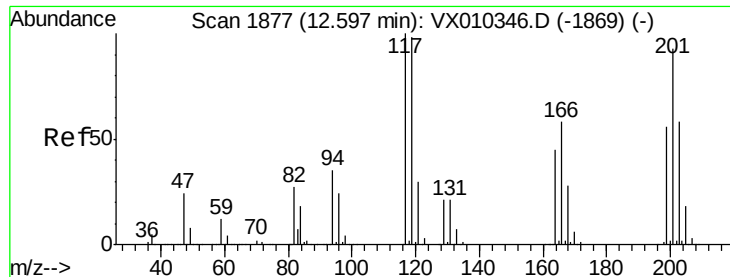


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

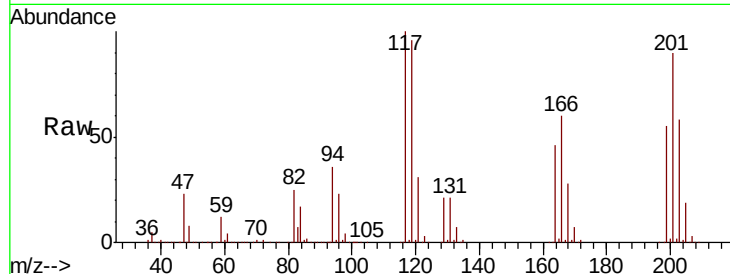




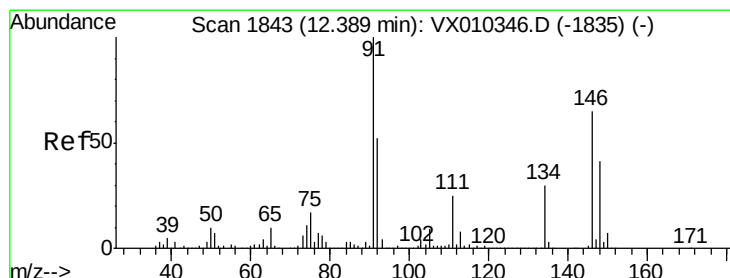
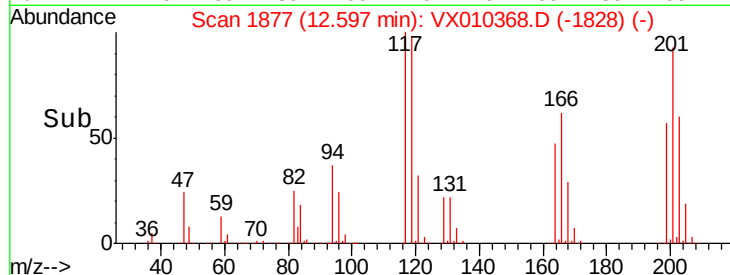
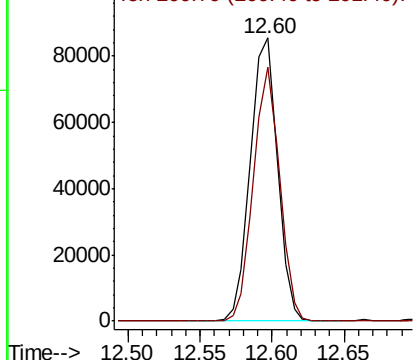
#90
Hexachloroethane
Concen: 53.797 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-3-8.0-061919MS

Tot Ion:117 Resp: 111402
Ion Ratio Lower Upper
117 100
201 86.3 44.0 131.8

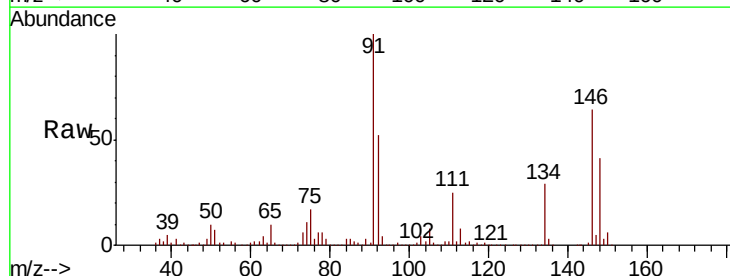


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

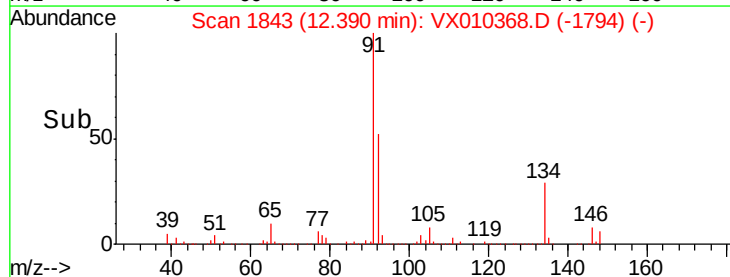
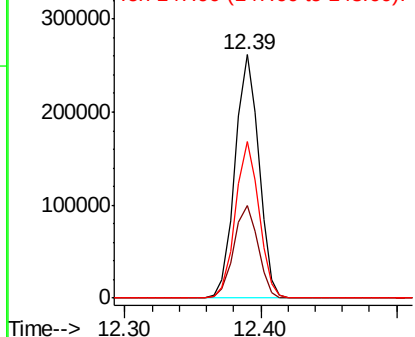


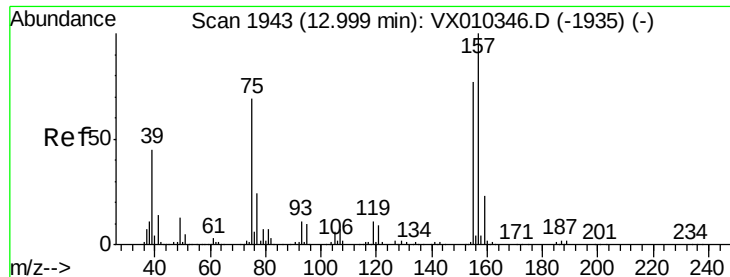
#91
1,2-Dichlorobenzene
Concen: 49.498 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion:146 Resp: 319562
Ion Ratio Lower Upper
146 100
111 38.8 19.2 57.6
148 63.5 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 50.988 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-3-8.0-061919MS

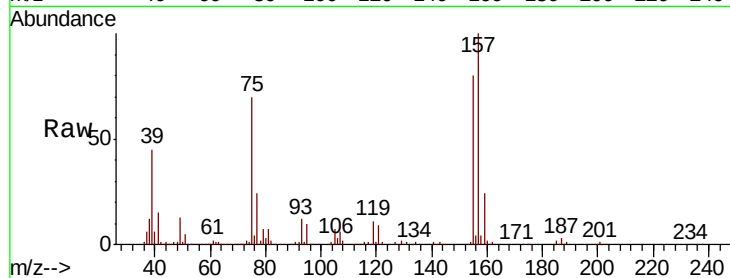
Tot Ion: 75 Resp: 48520

Ion Ratio Lower Upper

75 100

155 106.7 54.4 163.1

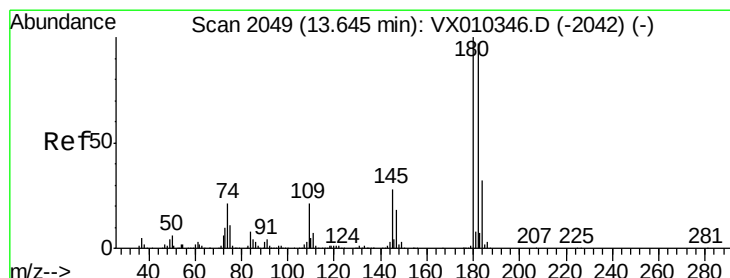
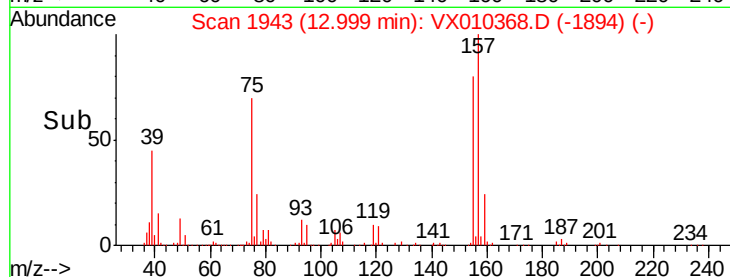
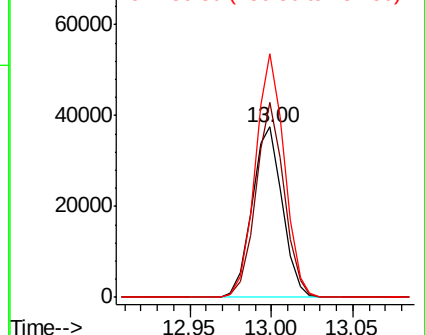
157 137.4 69.5 208.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 50.338 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

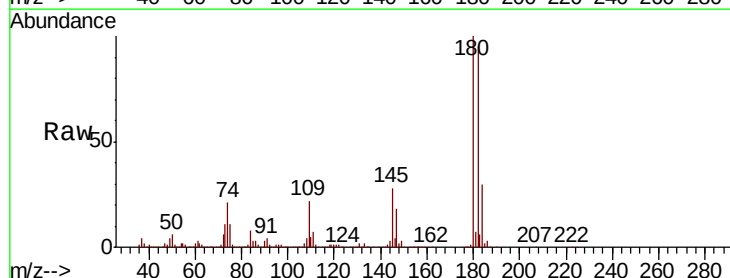
Tgt Ion:180 Resp: 225370

Ion Ratio Lower Upper

180 100

182 96.4 48.0 144.0

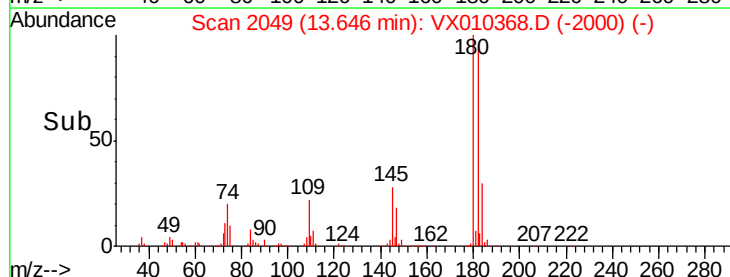
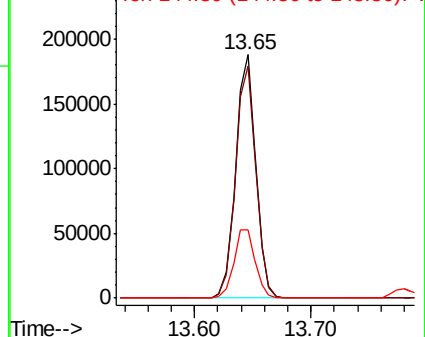
145 30.1 14.4 43.4

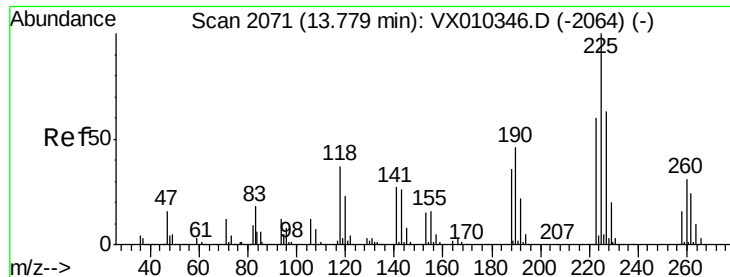


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 47.874 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-3-8.0-061919MS

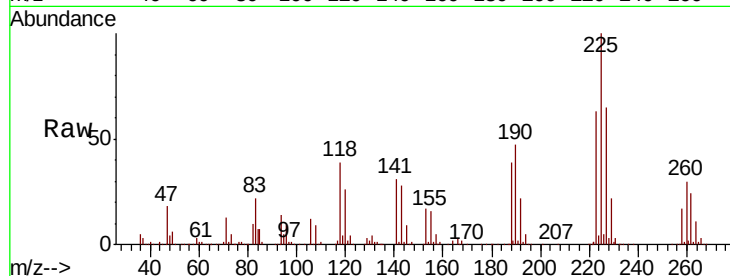
Tot Ion:225 Resp: 104754

Ion Ratio Lower Upper

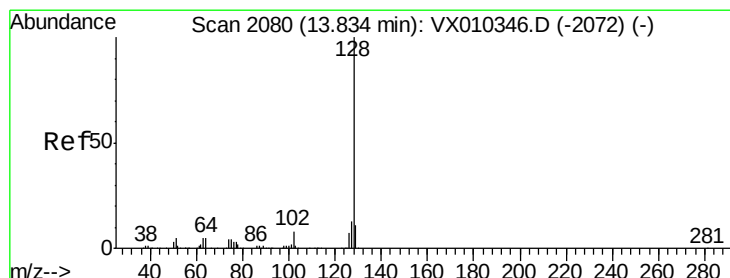
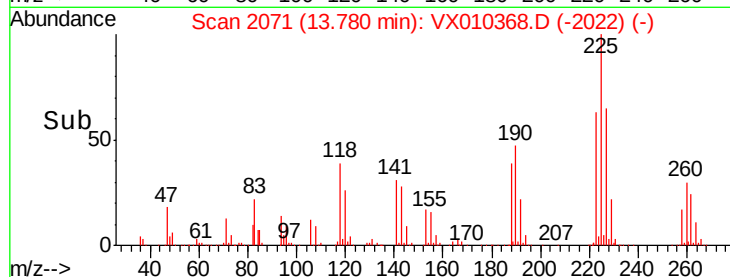
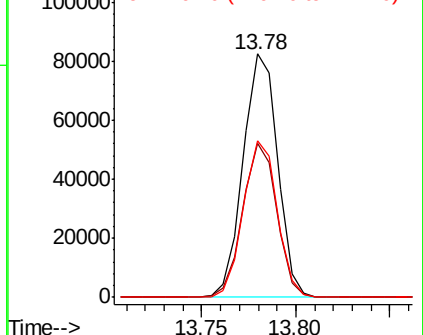
225 100

223 62.6 30.9 92.7

227 63.5 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 54.804 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

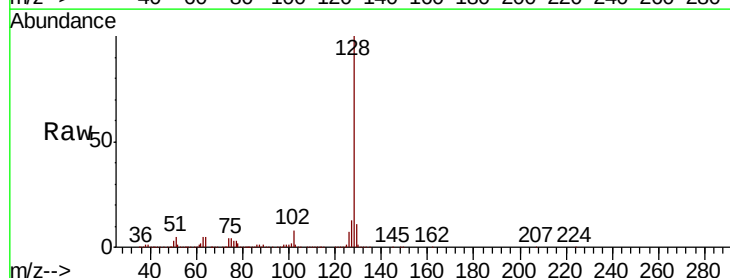
Tgt Ion:128 Resp: 754024

Ion Ratio Lower Upper

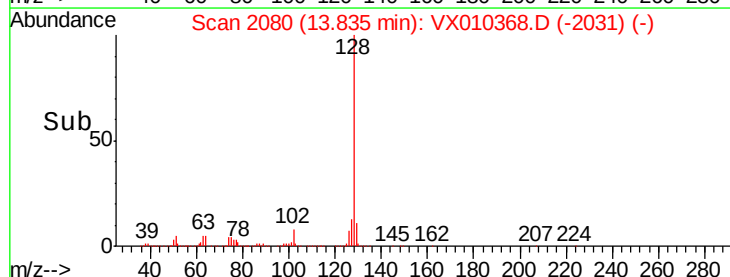
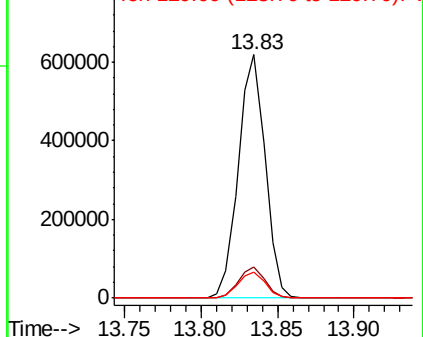
128 100

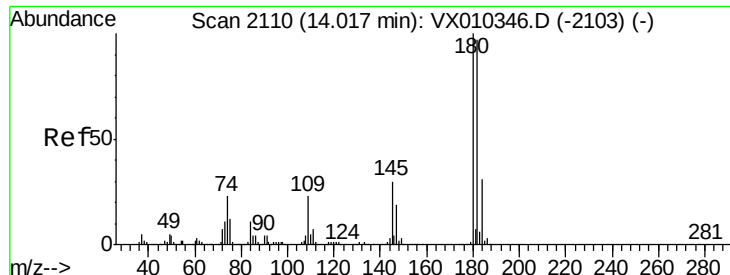
127 12.8 10.2 15.4

129 10.9 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

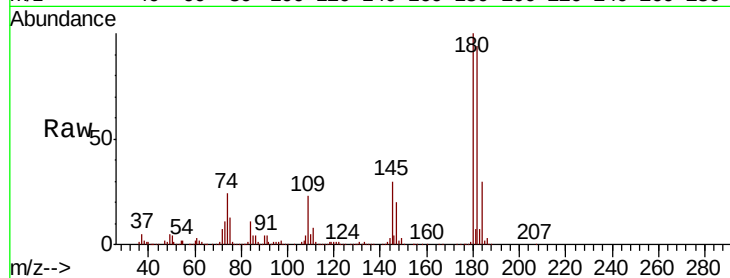




#96
 1,2,3-Trichlorobenzene
 Concen: 51.081 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-3-8.0-061919MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.8	143.3
145	31.3	15.2	45.6



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

