

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081318\
 Data File : VX003994.D
 Acq On : 13 Aug 2018 12:36
 Operator : JC/MD
 Sample : J4379-24DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101DDL

Quant Time: Aug 14 04:03:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 13 01:34:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	294443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	479898	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	433683	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	229488	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	213191	54.62	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.24%	
35) Dibromofluoromethane	5.50	113	180351	49.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.22%	
50) Toluene-d8	8.71	98	669247	47.34	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.68%	
62) 4-Bromofluorobenzene	11.14	95	226422	49.49	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.98%	

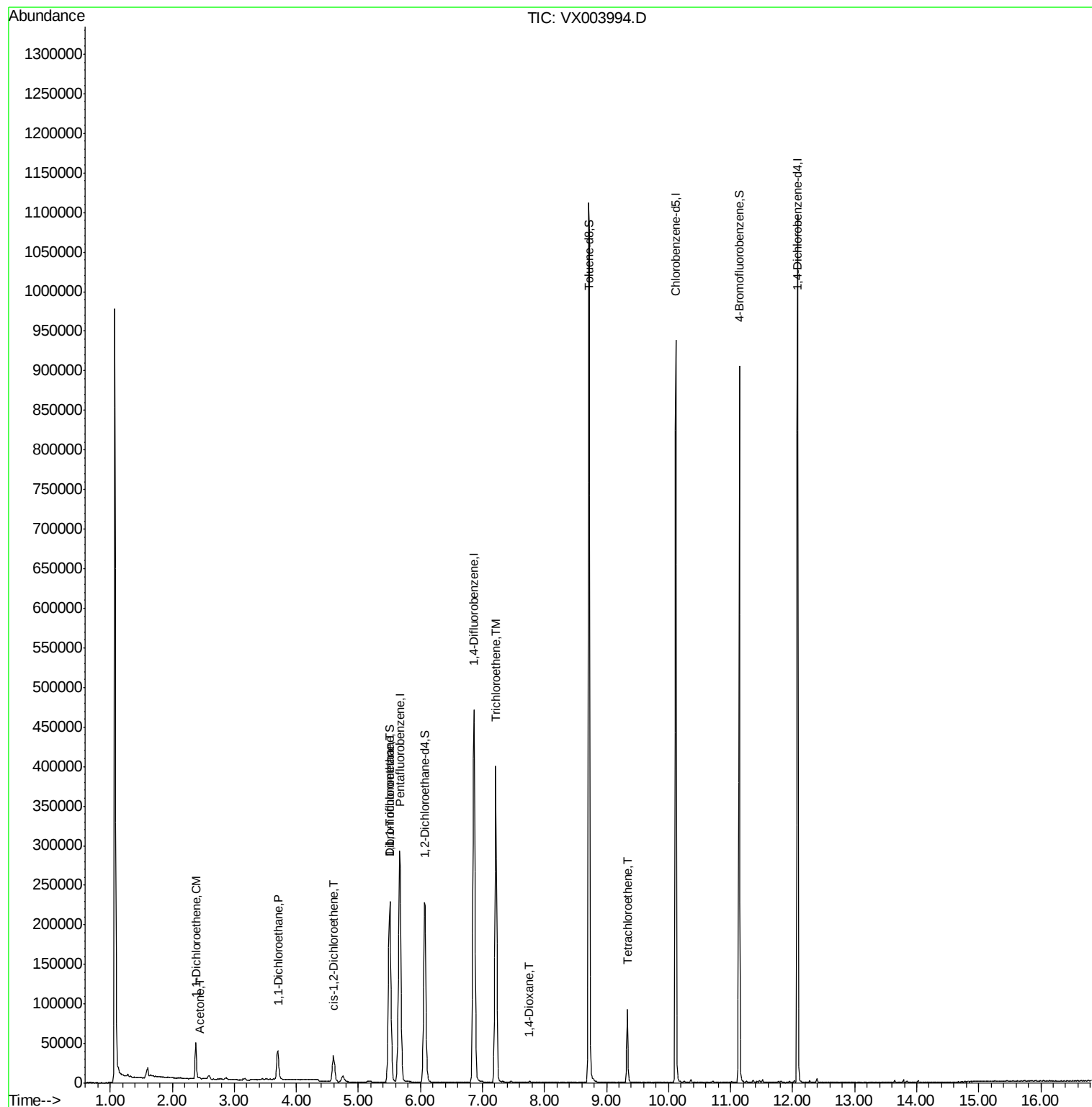
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.38	96	15951	5.05	ug/l	95
16) Acetone	2.44	43	1679	0.72	ug/l	# 83
24) 1,1-Dichloroethane	3.70	63	43289	6.51	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	21458	5.51	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	18761	3.57	ug/l	97
44) Trichloroethene	7.21	130	158784	35.97	ug/l	94
49) 1,4-Dioxane	7.76	88	1167	10.95	ug/l	89
64) Tetrachloroethene	9.34	164	19717	4.62	ug/l	95

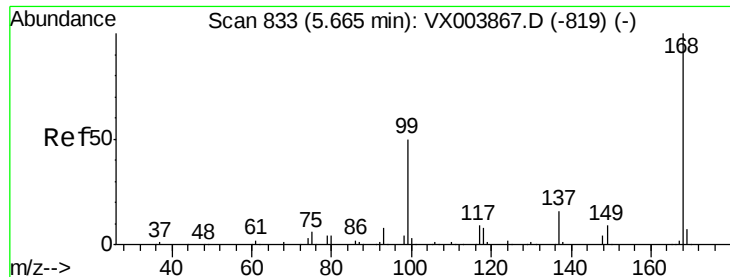
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 13 01:34:27 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003994.D

Acq: 13 Aug 2018 12:36

Instrument :

MSVOA_X

ClientSampleId :

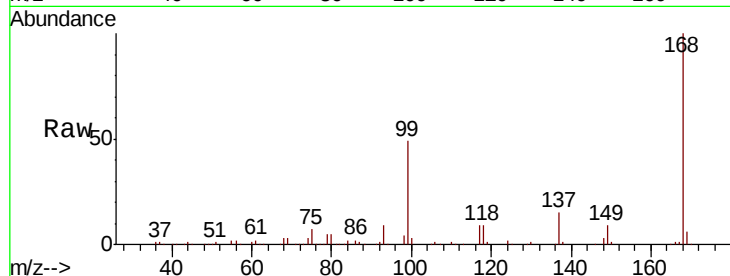
MW-101DDL

Tot Ion:168 Resp: 294443

Ion Ratio Lower Upper

168 100

99 49.0 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

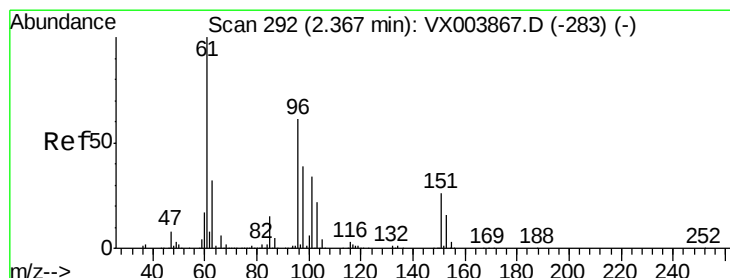
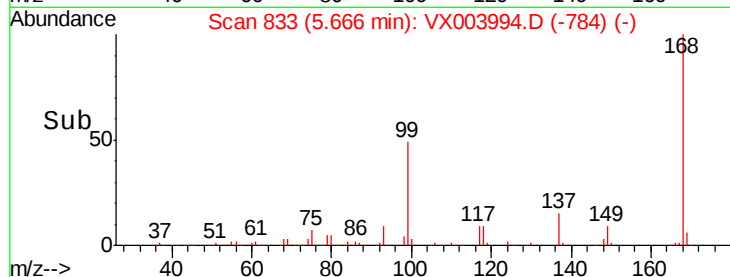
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#12

1,1-Dichloroethene

Concen: 5.05 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.01 min

Lab File: VX003994.D

Acq: 13 Aug 2018 12:36

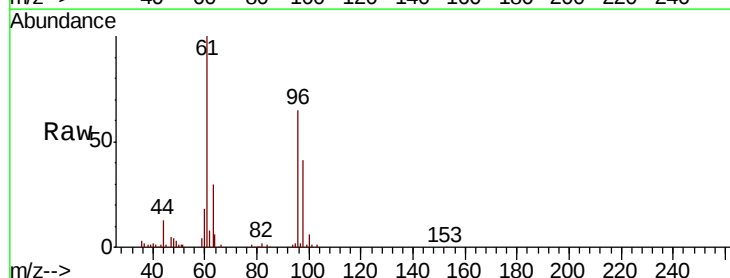
Tgt Ion: 96 Resp: 15951

Ion Ratio Lower Upper

96 100

61 155.0 131.3 196.9

98 63.7 51.8 77.6



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

20000

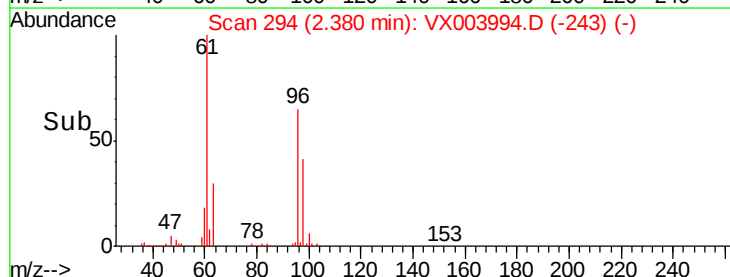
15000

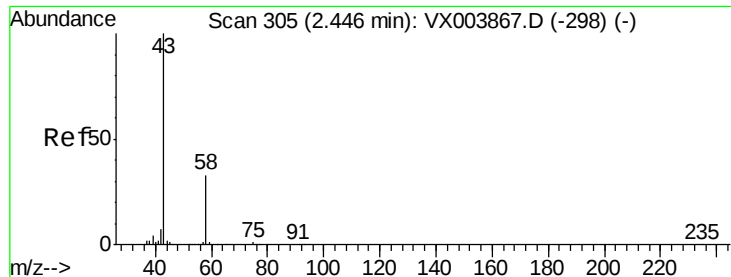
10000

5000

0

Time--> 2.30 2.35 2.40 2.45 2.50





#16

Acetone

Concen: 0.72 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.01 min

Lab File: VX003994.D

Acq: 13 Aug 2018 12:36

Instrument :

MSVOA_X

ClientSampleId :

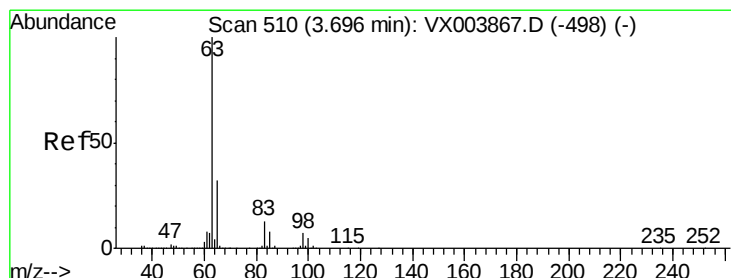
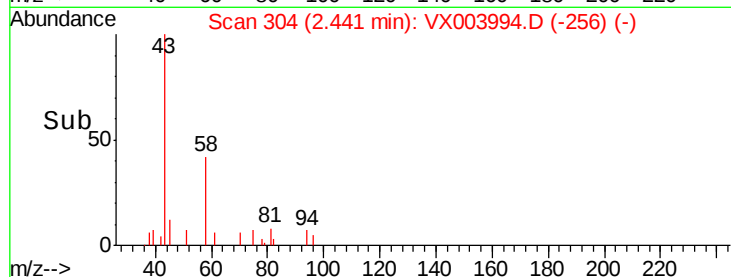
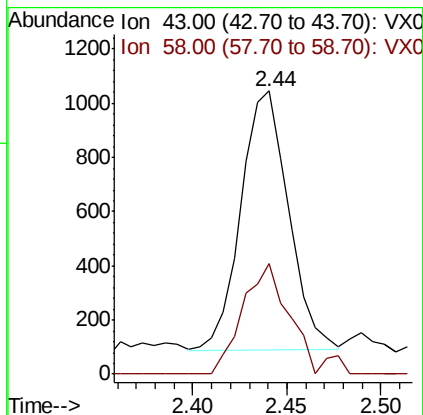
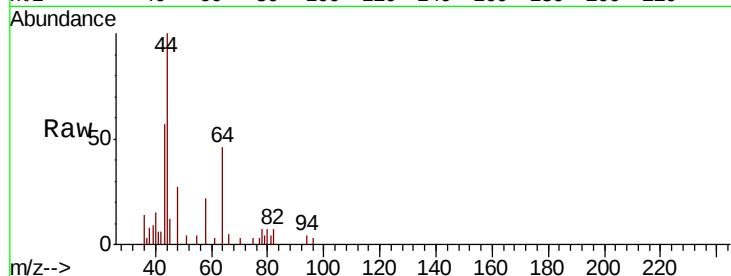
MW-101DDL

Tot Ion: 43 Resp: 1679

Ion Ratio Lower Upper

43 100

58 42.9 26.4 39.6#



#24

1,1-Dichloroethane

Concen: 6.51 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003994.D

Acq: 13 Aug 2018 12:36

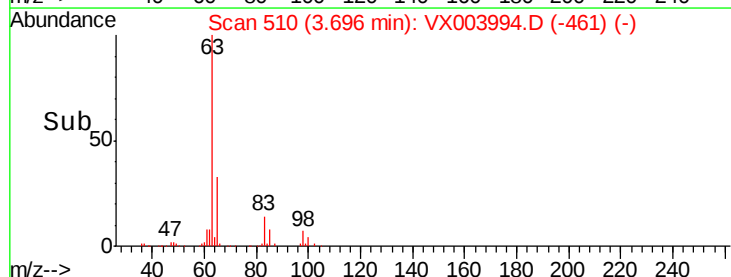
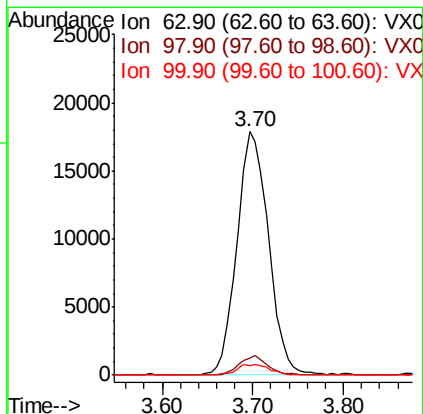
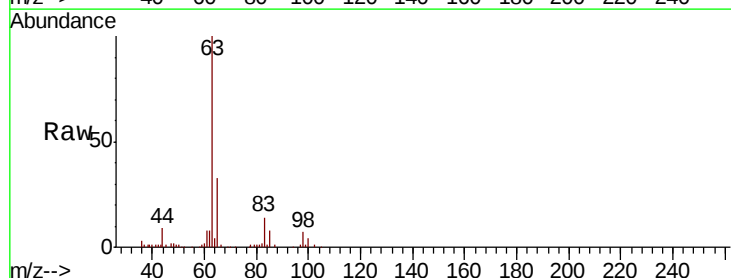
Tgt Ion: 63 Resp: 43289

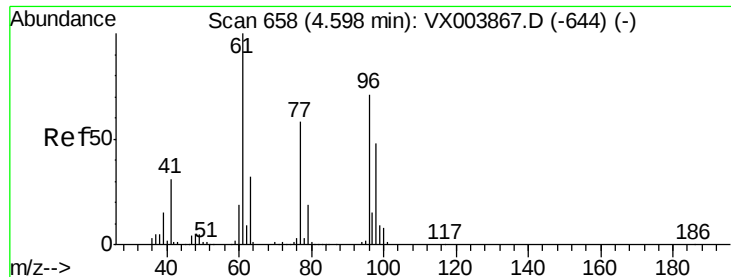
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

100 4.1 2.3 6.8





#27

cis-1,2-Dichloroethene

Concen: 5.51 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX003994.D

Acq: 13 Aug 2018 12:36

Instrument :

MSVOA_X

ClientSampled :

MW-101DDL

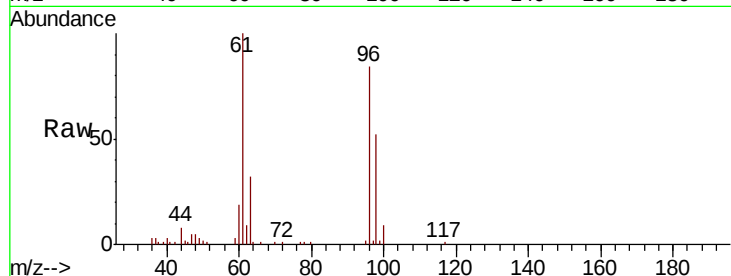
Tot Ion: 96 Resp: 21458

Ion Ratio Lower Upper

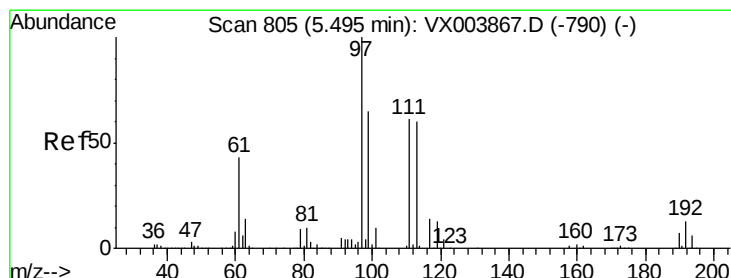
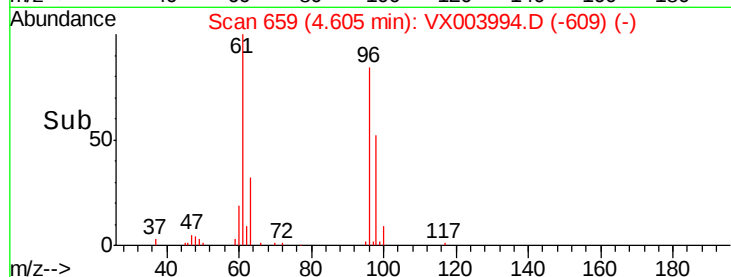
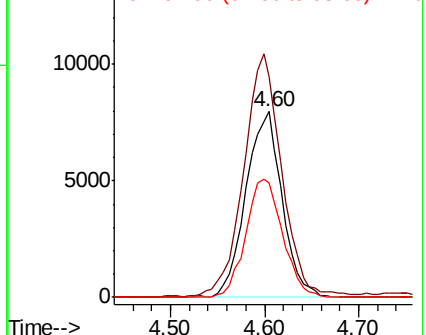
96 100

61 139.1 0.0 293.0

98 64.8 0.0 131.8



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



#32

1,1,1-Trichloroethane

Concen: 3.57 ug/l

RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX003994.D

Acq: 13 Aug 2018 12:36

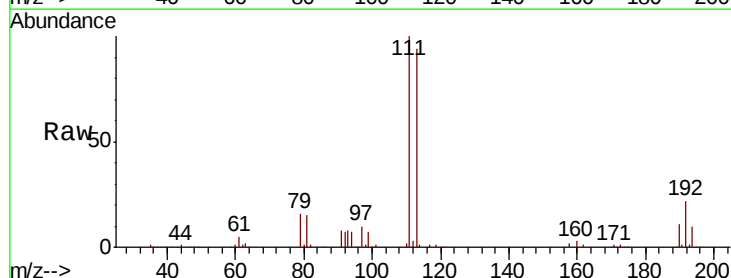
Tgt Ion: 97 Resp: 18761

Ion Ratio Lower Upper

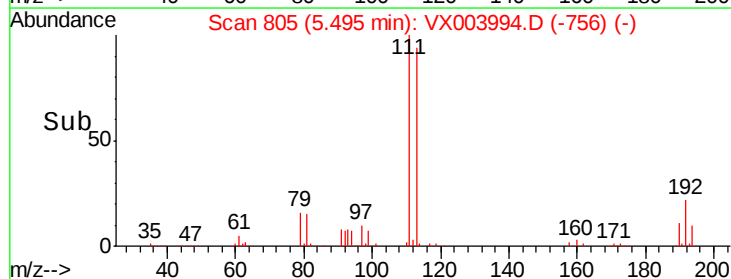
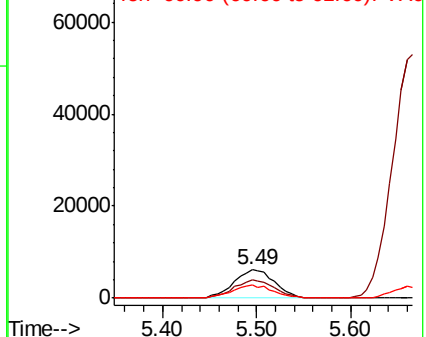
97 100

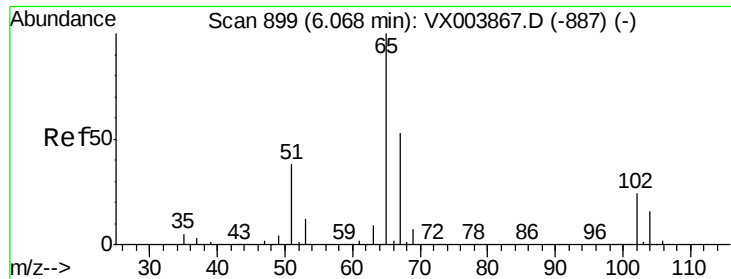
99 63.6 51.8 77.8

61 45.6 34.4 51.6



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

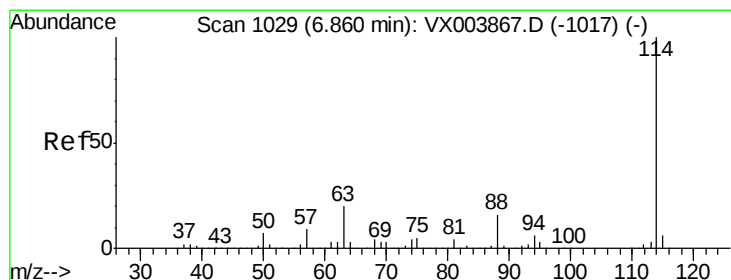
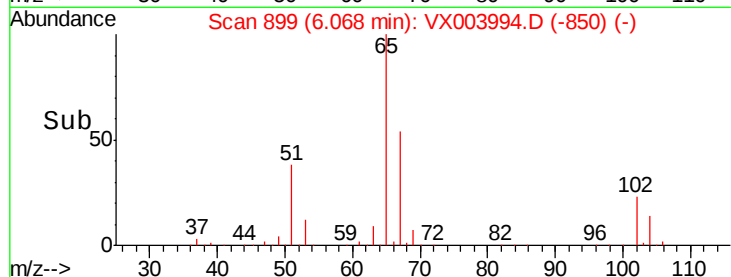
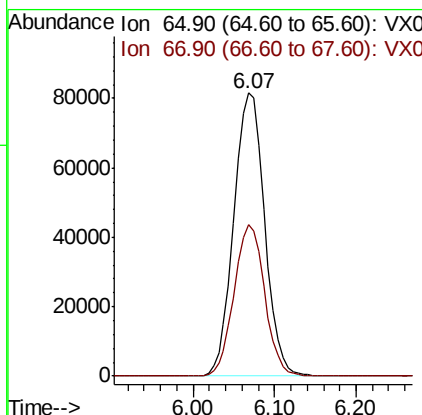
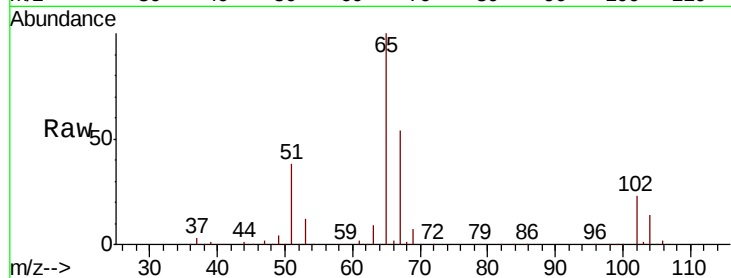




#33
 1,2-Dichloroethane-d4
 Concen: 54.62 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003994.D
 Acq: 13 Aug 2018 12:36

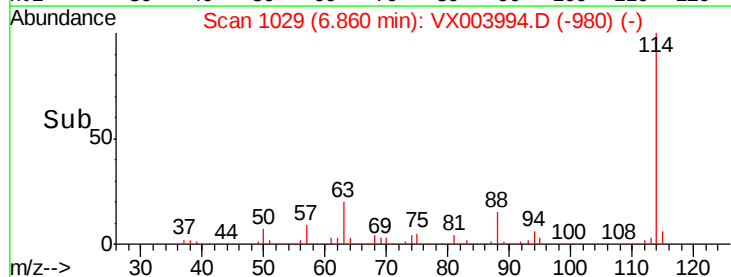
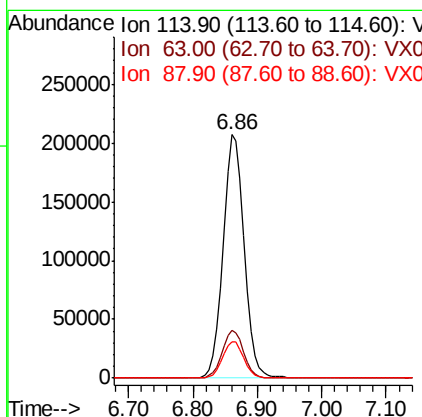
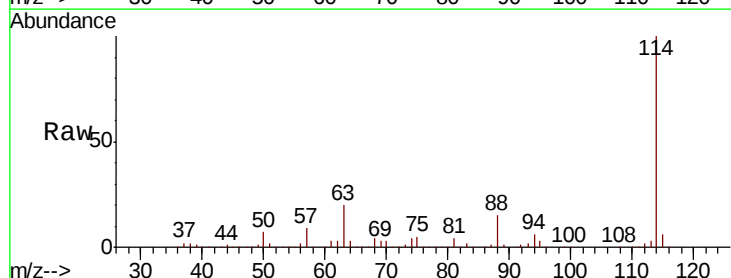
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101DDL

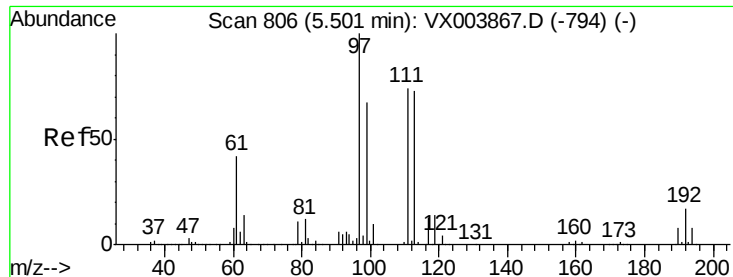
Tot Ion: 65 Resp: 213191
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX003994.D
 Acq: 13 Aug 2018 12:36

Tgt Ion: 114 Resp: 479898
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.0
 88 15.0 0.0 32.0

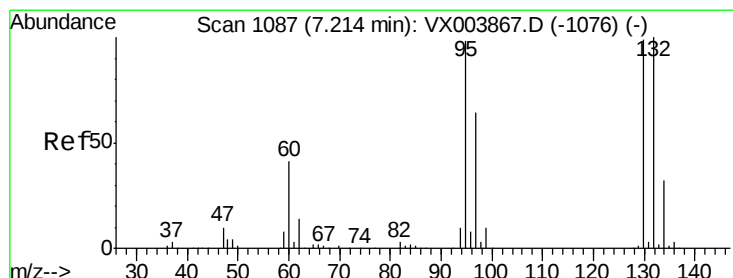
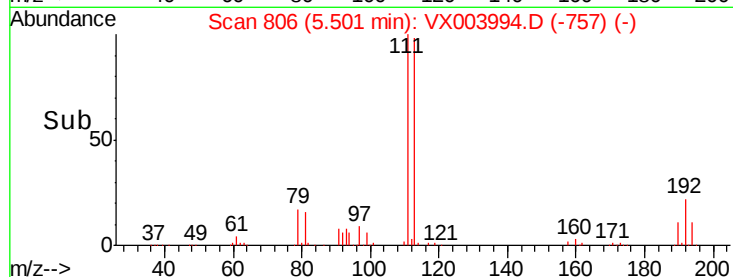
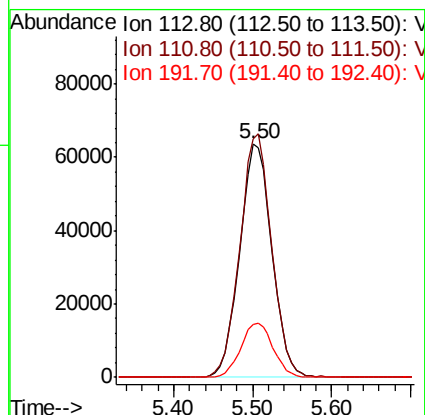
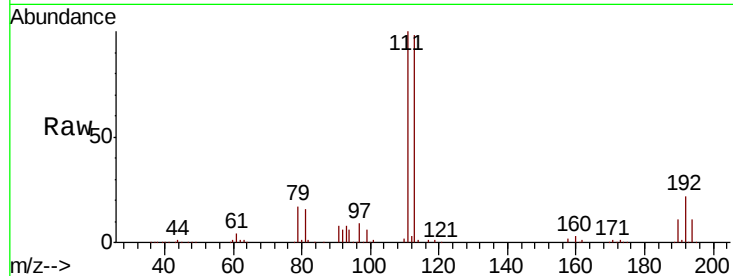




#35
 Dibromofluoromethane
 Concen: 49.61 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX003994.D
 Acq: 13 Aug 2018 12:36

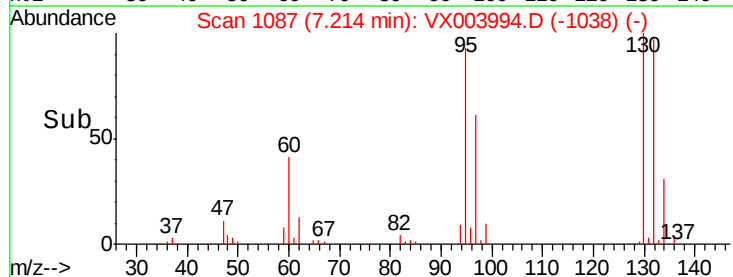
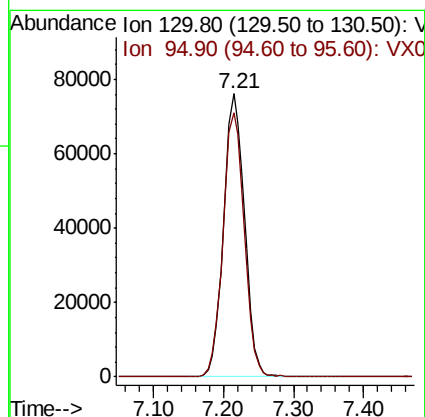
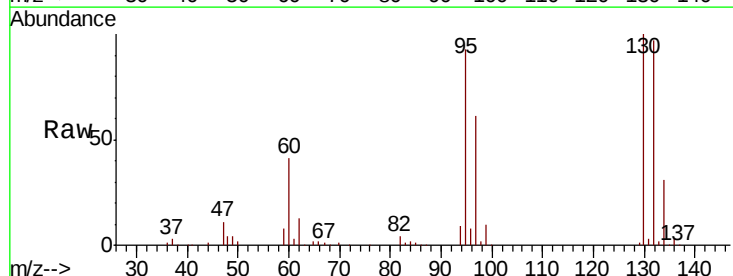
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101DDL

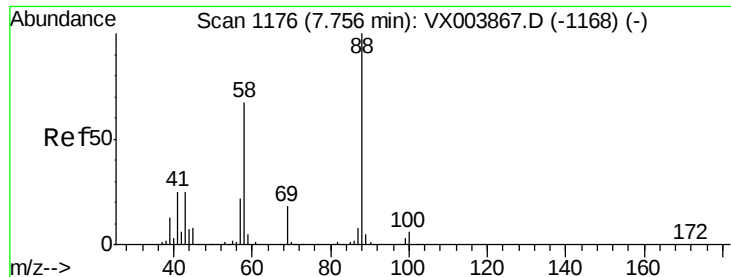
Tot Ion:113 Resp: 180351
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.0 123.0
 192 23.4 19.0 28.4



#44
 Trichloroethene
 Concen: 35.97 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003994.D
 Acq: 13 Aug 2018 12:36

Tgt Ion:130 Resp: 158784
 Ion Ratio Lower Upper
 130 100
 95 93.3 0.0 199.4

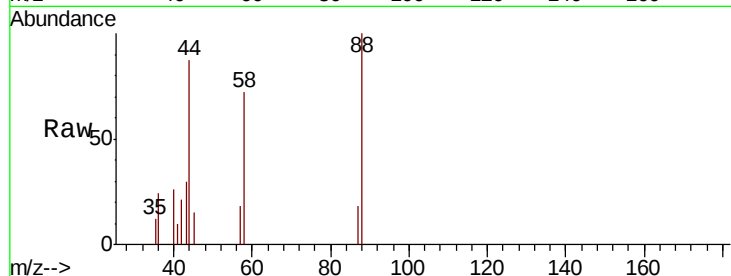




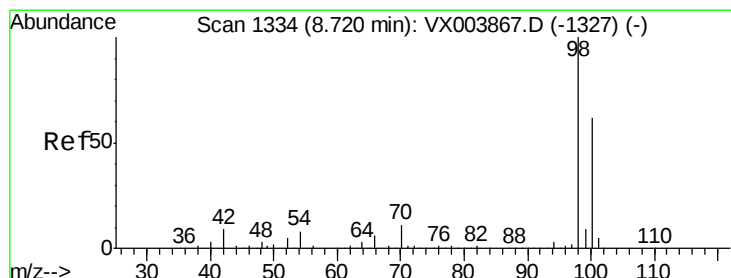
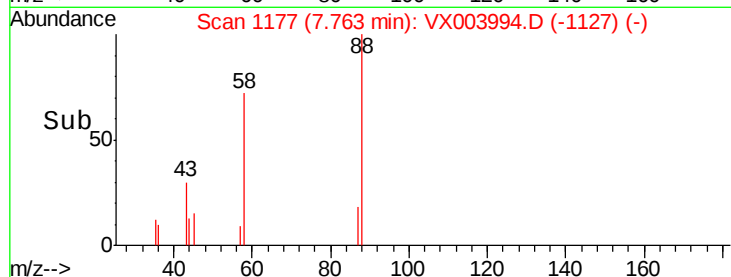
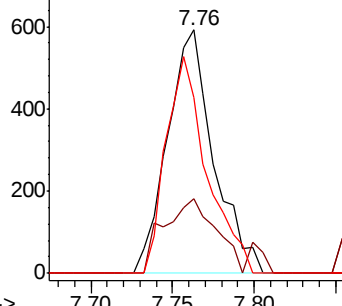
#49
1,4-Dioxane
Concen: 10.95 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003994.D
Acq: 13 Aug 2018 12:36

Instrument :
MSVOA_X
ClientSampleId :
MW-101DDL

Tot Ion: 88 Resp: 1167
Ion Ratio Lower Upper
88 100
43 34.8 23.8 35.8
58 78.9 55.4 83.0

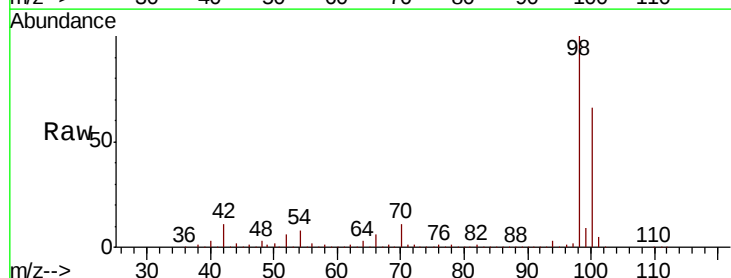


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

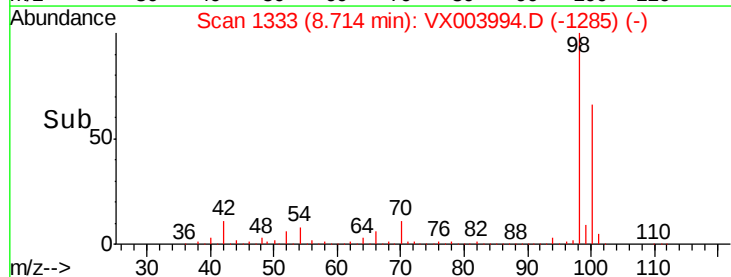
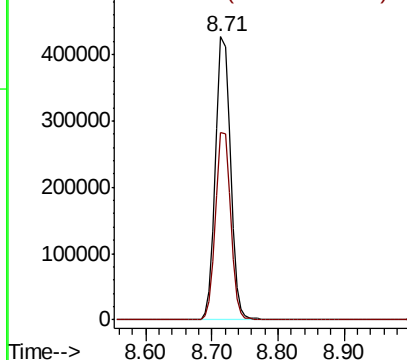


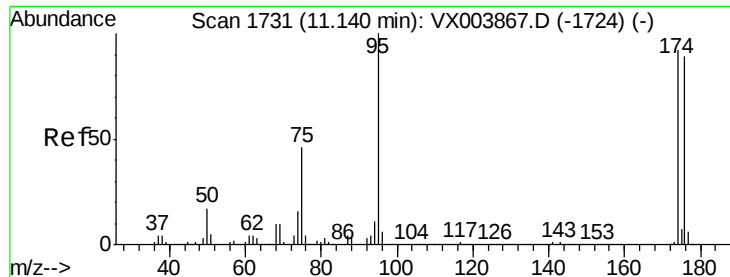
#50
Toluene-d8
Concen: 47.34 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.01 min
Lab File: VX003994.D
Acq: 13 Aug 2018 12:36

Tgt Ion: 98 Resp: 669247
Ion Ratio Lower Upper
98 100
100 66.4 53.3 79.9



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

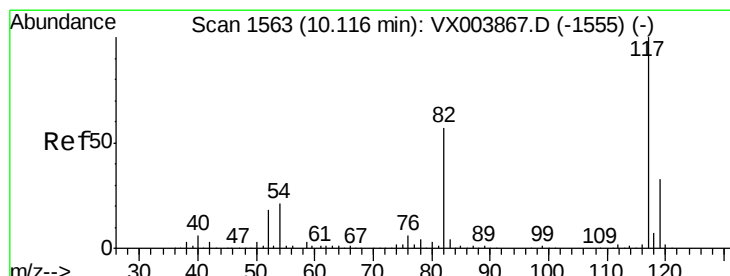
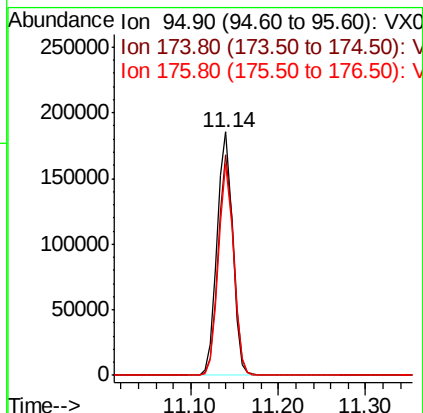
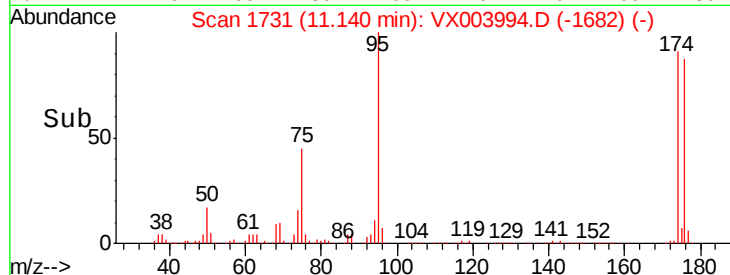
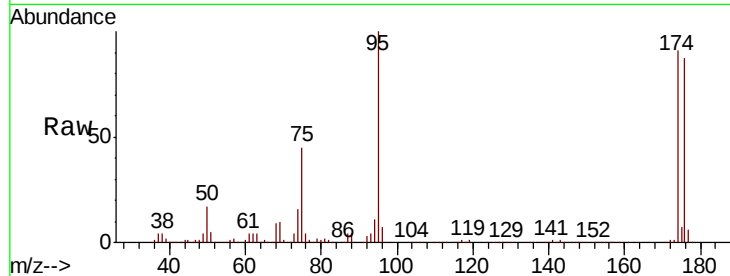




#62
4-Bromofluorobenzene
Concen: 49.49 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003994.D
Acq: 13 Aug 2018 12:36

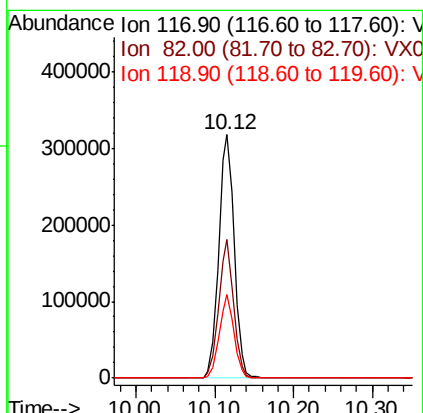
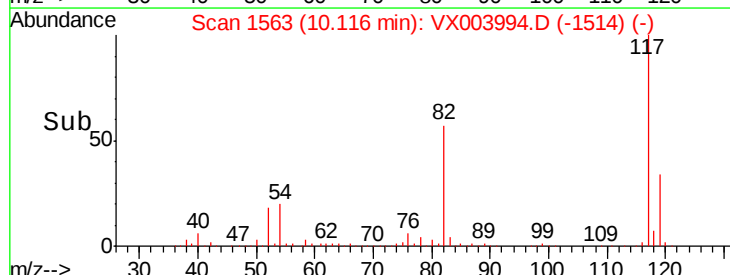
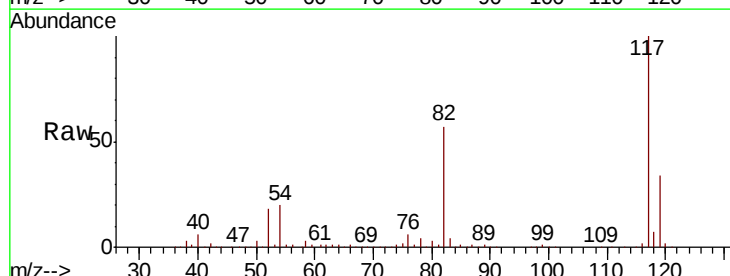
Instrument :
MSVOA_X
ClientSampleId :
MW-101DDL

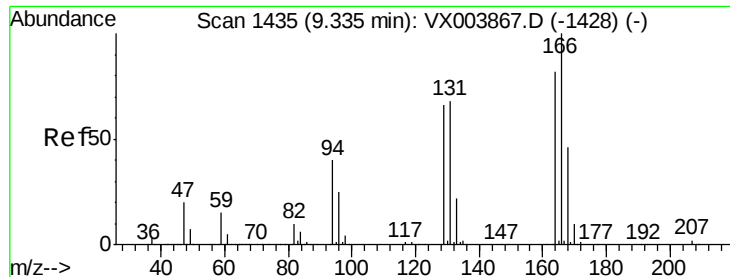
Tot Ion: 95 Resp: 226422
Ion Ratio Lower Upper
95 100
174 89.7 0.0 182.8
176 84.6 0.0 179.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003994.D
Acq: 13 Aug 2018 12:36

Tgt Ion: 117 Resp: 433683
Ion Ratio Lower Upper
117 100
82 56.9 45.4 68.0
119 34.4 26.6 40.0





#64

Tetrachloroethene

Concen: 4.62 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. 0.00 min

Lab File: VX003994.D

Acq: 13 Aug 2018 12:36

Instrument :

MSVOA_X

ClientSampleId :

MW-101DDL

Tot Ion:164 Resp: 19717

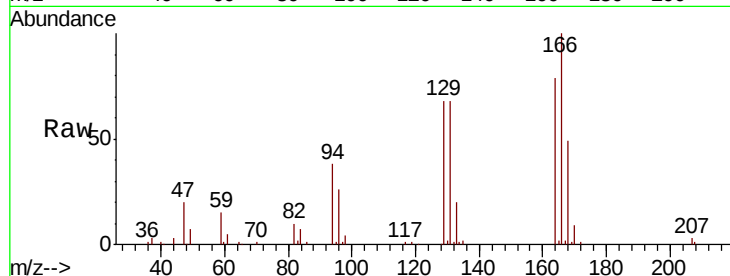
Ion Ratio Lower Upper

164 100

166 127.2 98.0 147.0

129 86.9 64.3 96.5

131 86.4 66.8 100.2

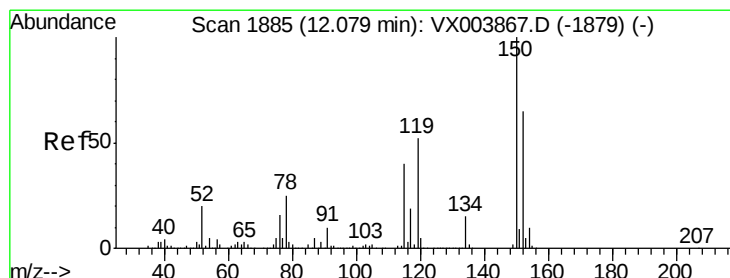
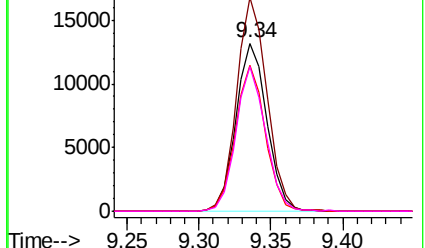
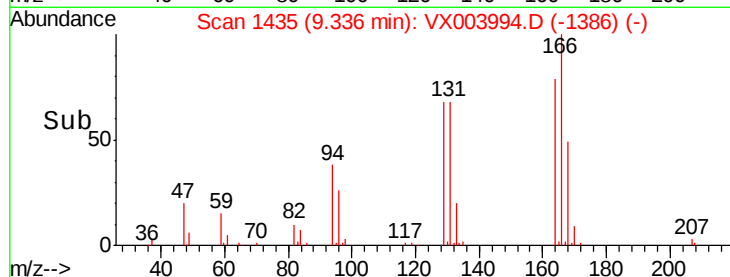


Abundance Ion 163.80 (163.50 to 164.50): V

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003994.D

Acq: 13 Aug 2018 12:36

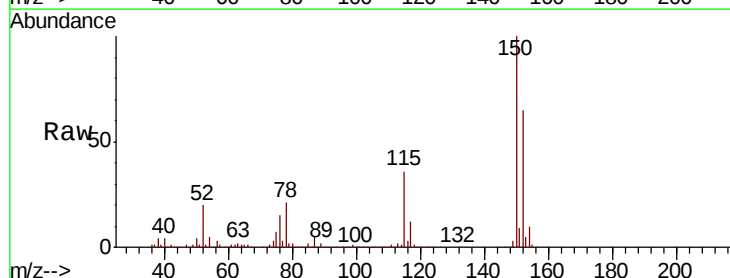
Tgt Ion:152 Resp: 229488

Ion Ratio Lower Upper

152 100

115 54.6 39.1 117.3

150 154.9 0.0 349.2



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

