

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081018\
 Data File : VX003979.D
 Acq On : 10 Aug 2018 16:17
 Operator : JC/MD
 Sample : J4379-24
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101D

Quant Time: Aug 11 03:35:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	277068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	433919	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	404464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	212237	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	198624	54.08	ug/l	0.00
Spiked Amount			Recovery	=	108.16%	
35) Dibromofluoromethane	5.51	113	172878	52.59	ug/l	0.00
Spiked Amount			Recovery	=	105.18%	
50) Toluene-d8	8.72	98	609987	47.72	ug/l	0.00
Spiked Amount			Recovery	=	95.44%	
62) 4-Bromofluorobenzene	11.14	95	210434	50.87	ug/l	0.00
Spiked Amount			Recovery	=	101.74%	

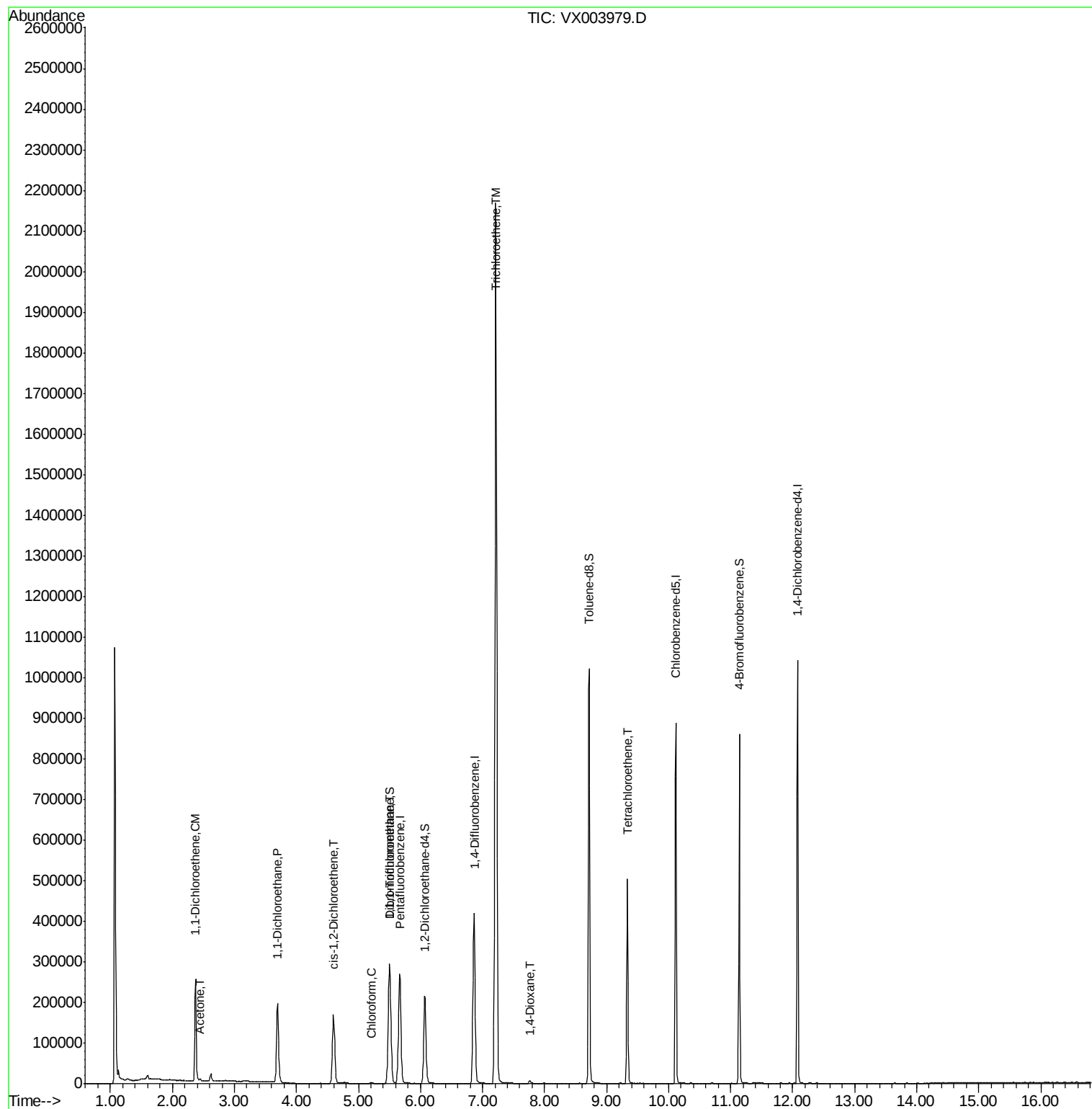
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.37	96	84605	28.45	ug/l	99
16) Acetone	2.45	43	4981	2.28	ug/l	95
24) 1,1-Dichloroethane	3.70	63	221518	35.39	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	112210	30.63	ug/l	87
30) Chloroform	5.21	83	2292	0.39	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	97851	19.80	ug/l	99
44) Trichloroethene	7.21	130	863175	216.28	ug/l	95
49) 1,4-Dioxane	7.76	88	5124	53.19	ug/l	96
64) Tetrachloroethene	9.34	164	103246	25.95	ug/l	96

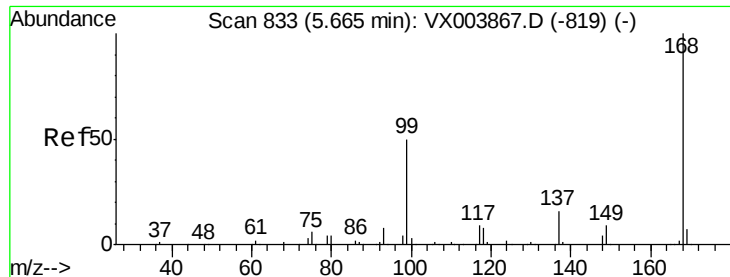
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 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: VX003979.D

Acq: 10 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

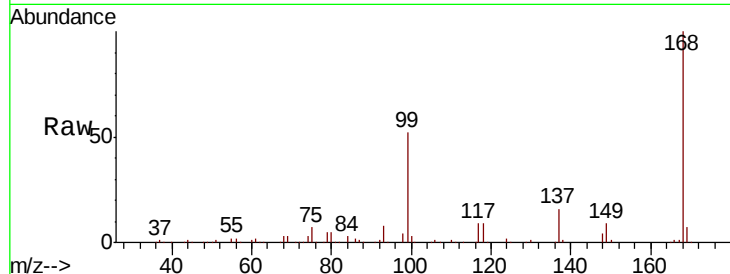
MW-101D

Tot Ion:168 Resp: 277068

Ion Ratio Lower Upper

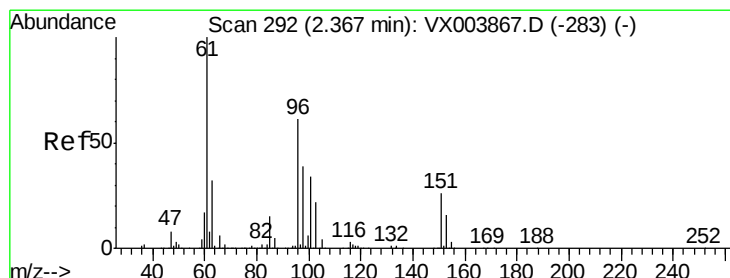
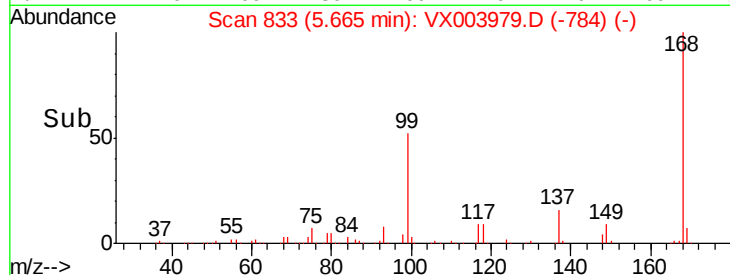
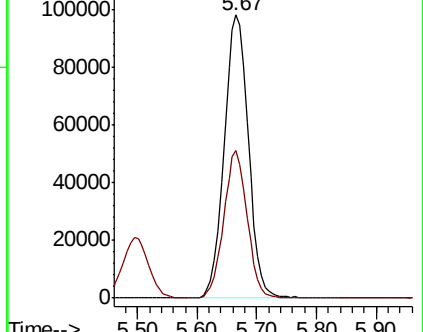
168 100

99 52.1 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#12

1,1-Dichloroethene

Concen: 28.45 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.01 min

Lab File: VX003979.D

Acq: 10 Aug 2018 16:17

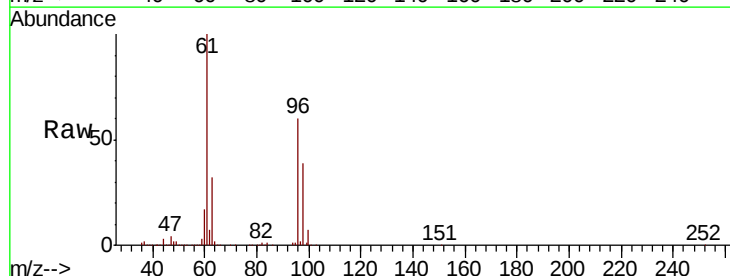
Tgt Ion: 96 Resp: 84605

Ion Ratio Lower Upper

96 100

61 165.5 131.3 196.9

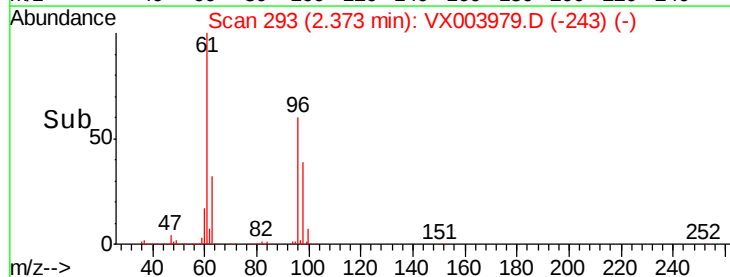
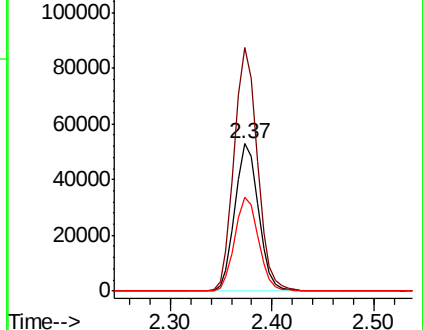
98 63.7 51.8 77.6

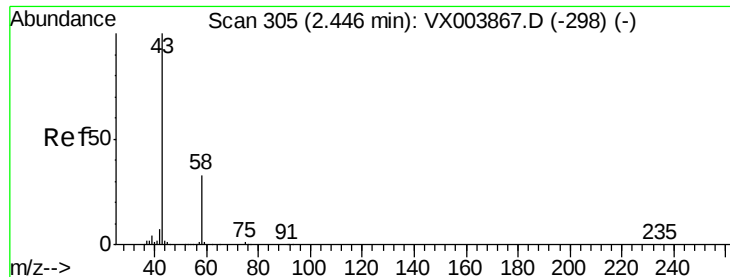


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#16

Acetone

Concen: 2.28 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003979.D

Acq: 10 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

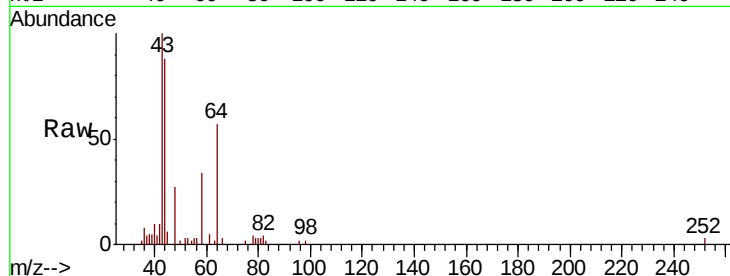
MW-101D

Tot Ion: 43 Resp: 4981

Ion Ratio Lower Upper

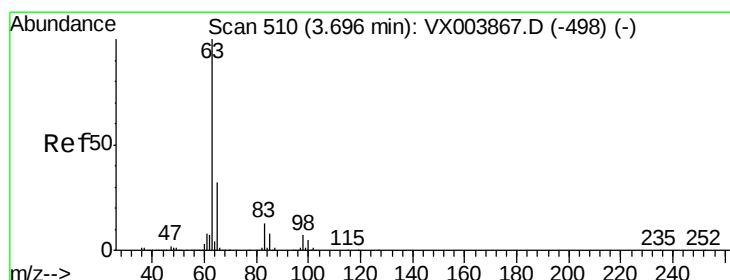
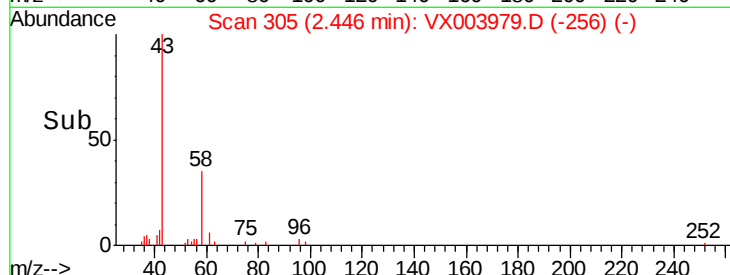
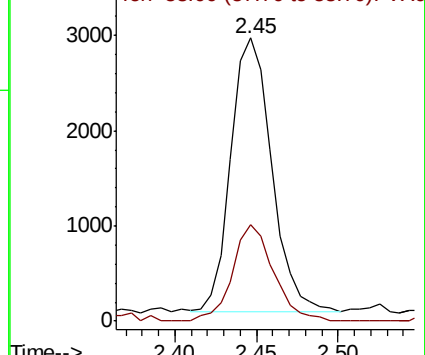
43 100

58 35.6 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#24

1,1-Dichloroethane

Concen: 35.39 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003979.D

Acq: 10 Aug 2018 16:17

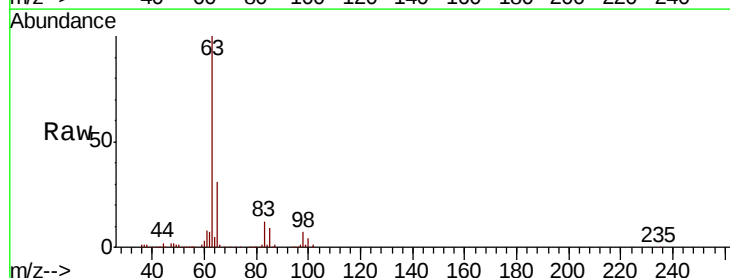
Tgt Ion: 63 Resp: 221518

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.5

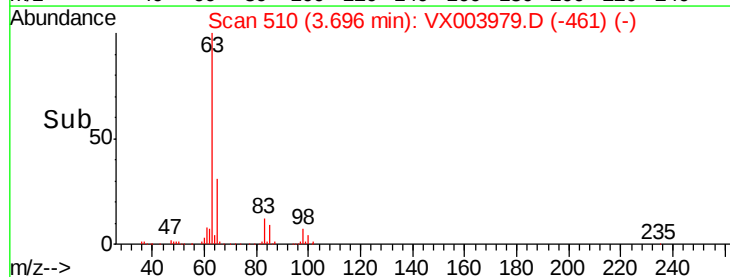
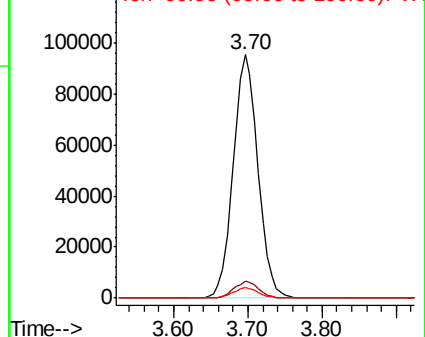
100 4.4 2.3 6.8

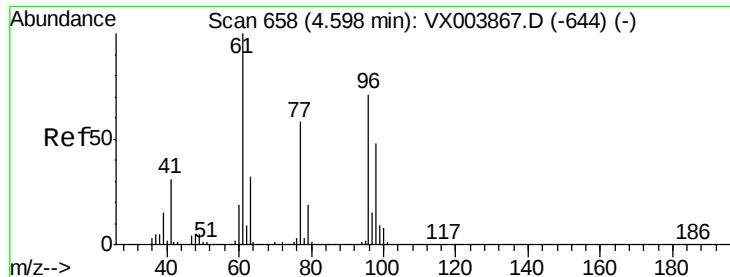


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 30.63 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX003979.D

Acq: 10 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

MW-101D

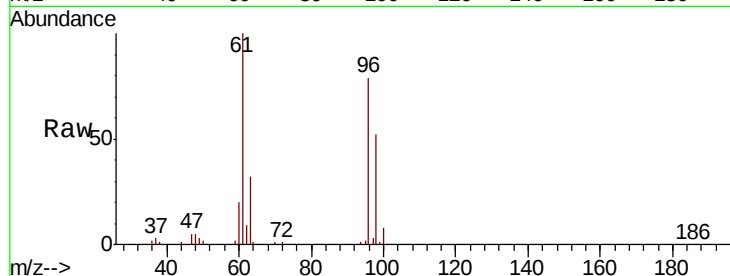
Tot Ion: 96 Resp: 112210

Ion Ratio Lower Upper

96 100

61 124.3 0.0 293.0

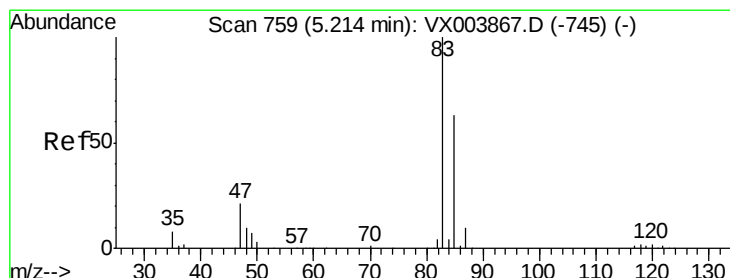
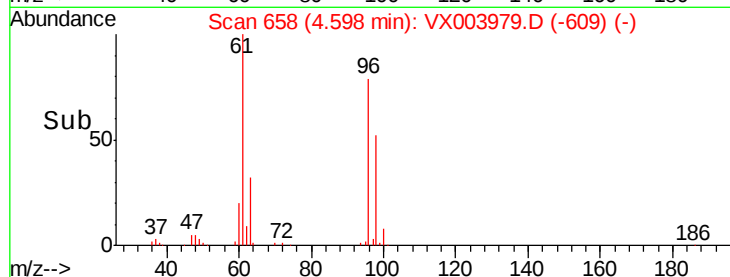
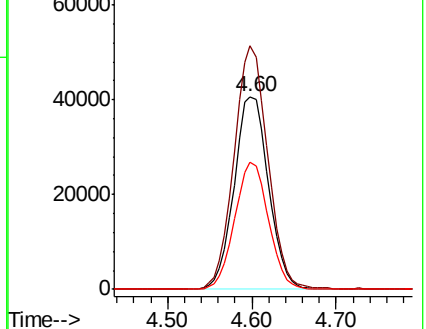
98 64.6 0.0 131.8



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



#30

Chloroform

Concen: 0.39 ug/l

RT: 5.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX003979.D

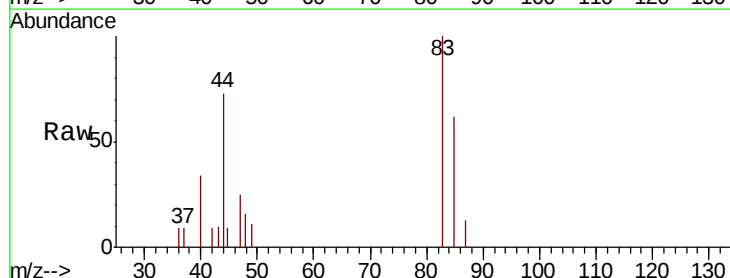
Acq: 10 Aug 2018 16:17

Tgt Ion: 83 Resp: 2292

Ion Ratio Lower Upper

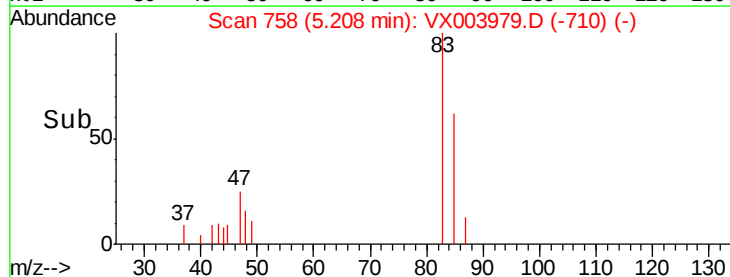
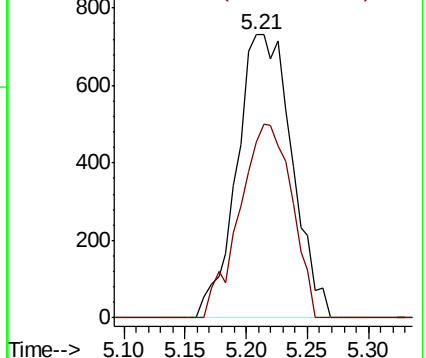
83 100

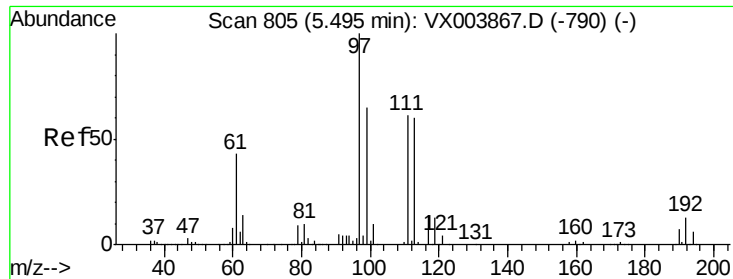
85 62.2 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#32

1,1,1-Trichloroethane

Concen: 19.80 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX003979.D

Acq: 10 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

MW-101D

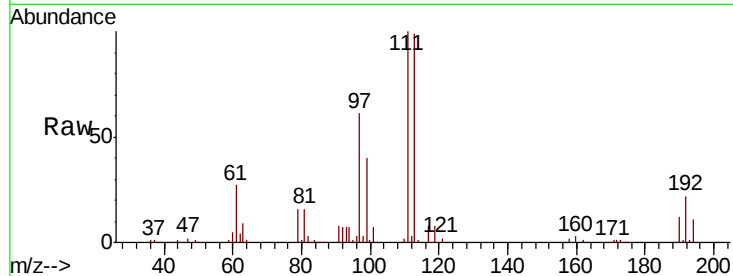
Tot Ion: 97 Resp: 97851

Ion Ratio Lower Upper

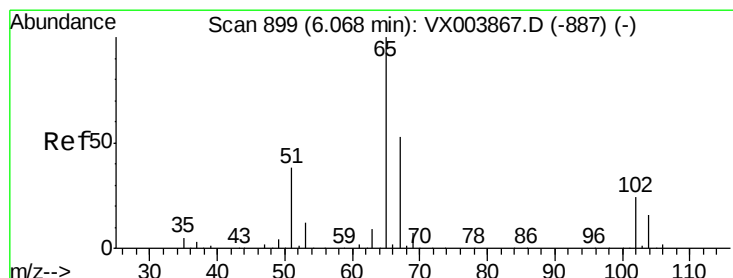
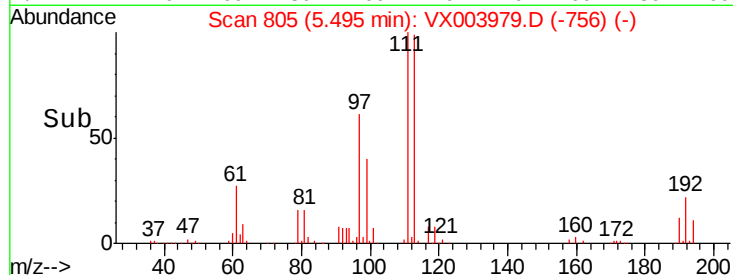
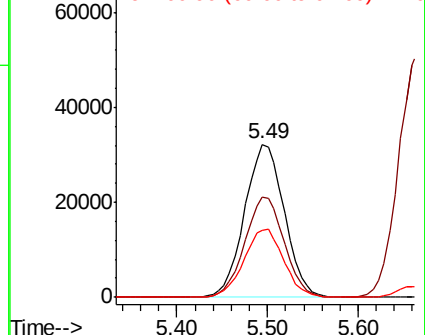
97 100

99 65.0 51.8 77.8

61 44.7 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: 54.08 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX003979.D

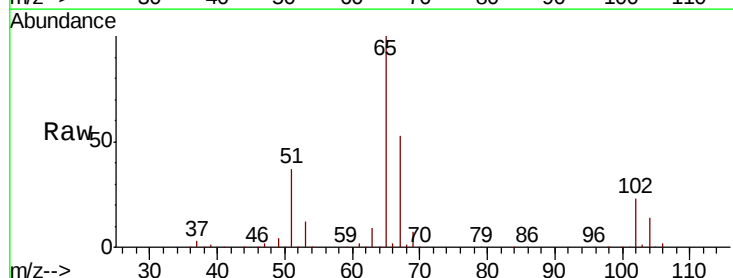
Acq: 10 Aug 2018 16:17

Tgt Ion: 65 Resp: 198624

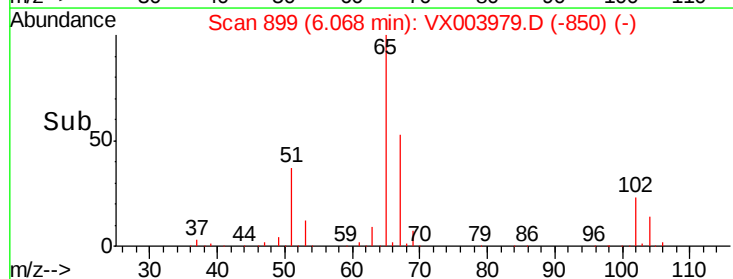
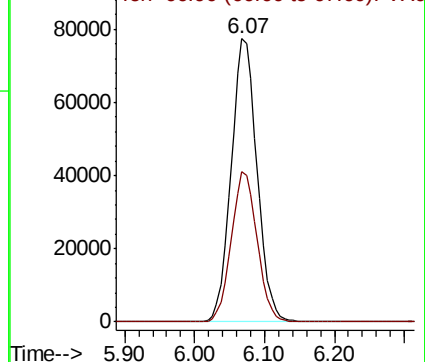
Ion Ratio Lower Upper

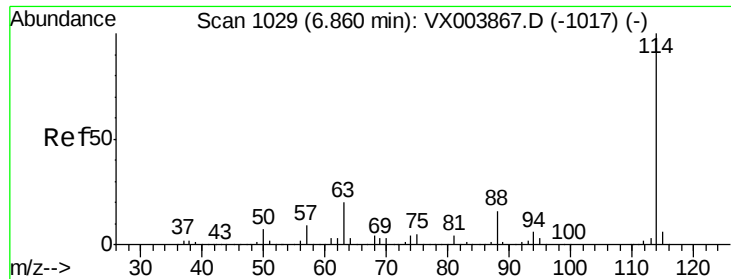
65 100

67 52.9 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

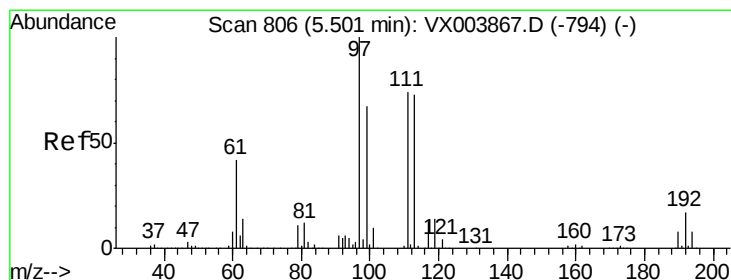
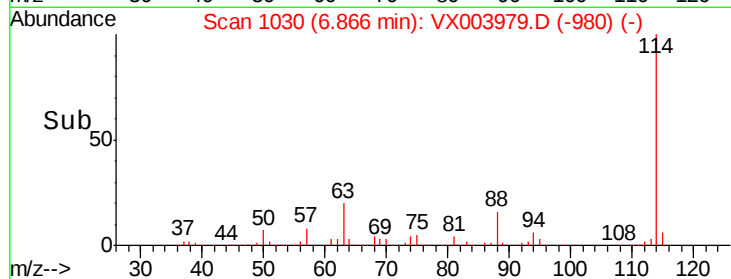
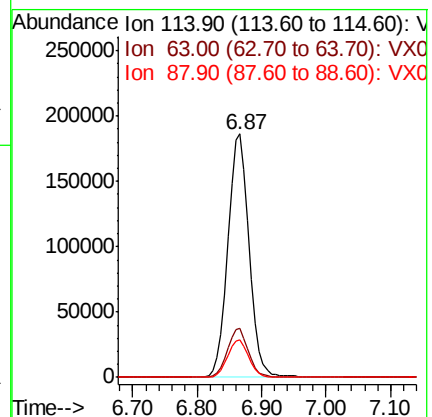
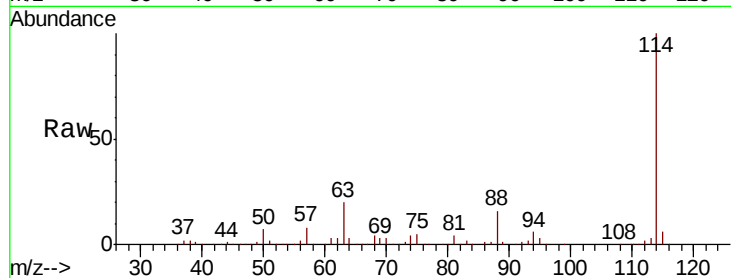




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: VX003979.D
 Acq: 10 Aug 2018 16:17

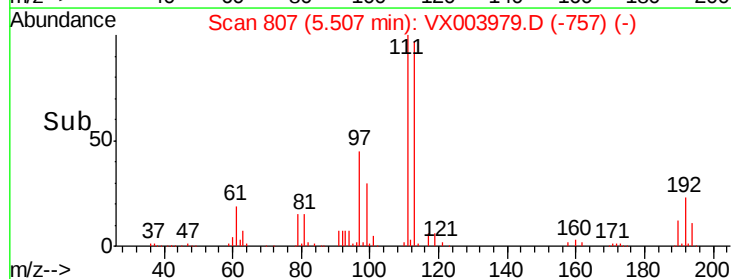
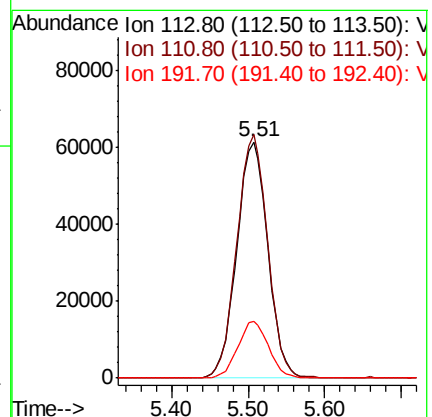
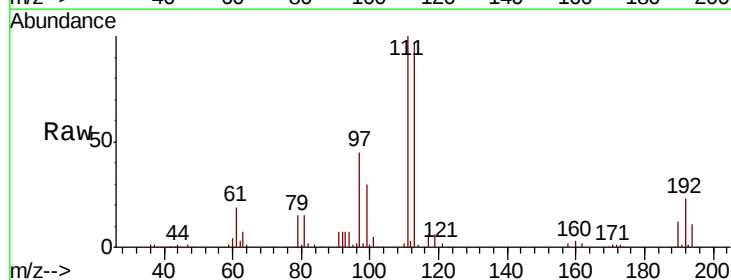
Instrument :
 MSVOA_X
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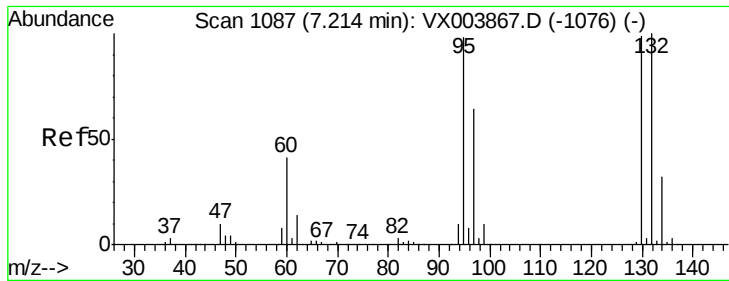
Tot Ion:114 Resp: 433919
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.0
 88 15.6 0.0 32.0



#35
 Dibromofluoromethane
 Concen: 52.59 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX003979.D
 Acq: 10 Aug 2018 16:17

Tgt Ion:113 Resp: 172878
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.0 123.0
 192 23.7 19.0 28.4





#44

Trichloroethene

Concen: 216.28 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX003979.D

Acq: 10 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

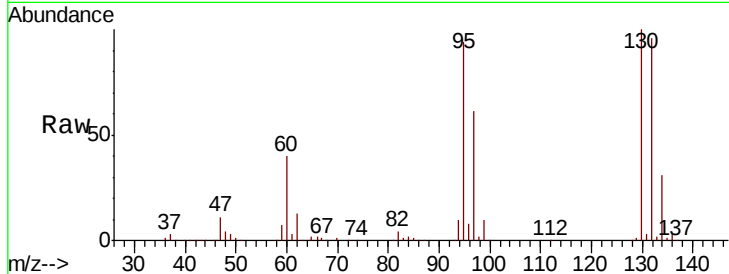
MW-101D

Tot Ion:130 Resp: 863175

Ion Ratio Lower Upper

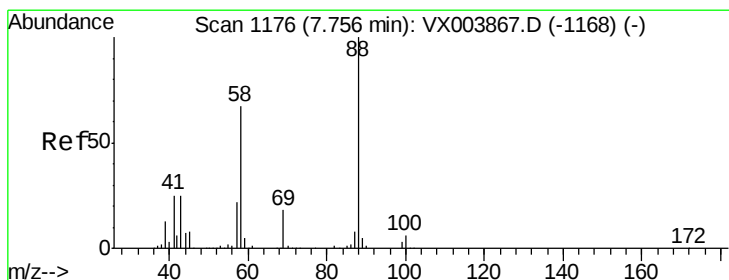
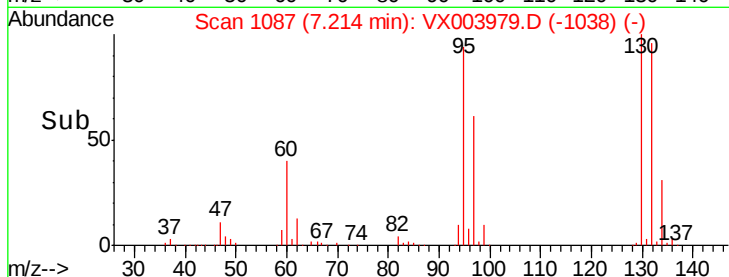
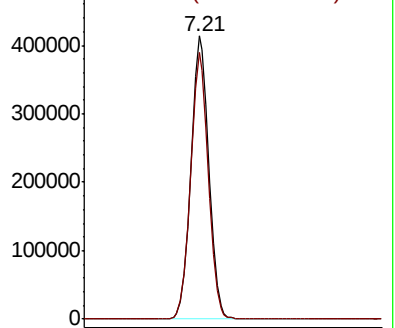
130 100

95 94.4 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 53.19 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.00 min

Lab File: VX003979.D

Acq: 10 Aug 2018 16:17

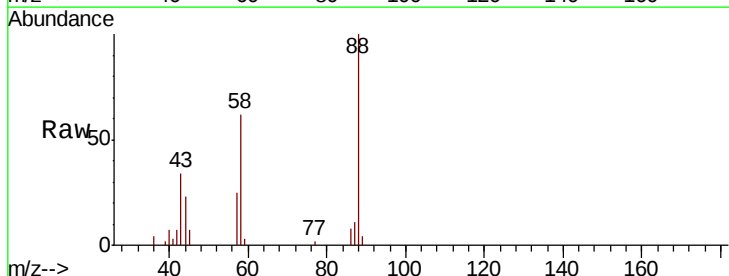
Tgt Ion: 88 Resp: 5124

Ion Ratio Lower Upper

88 100

43 31.9 23.8 35.8

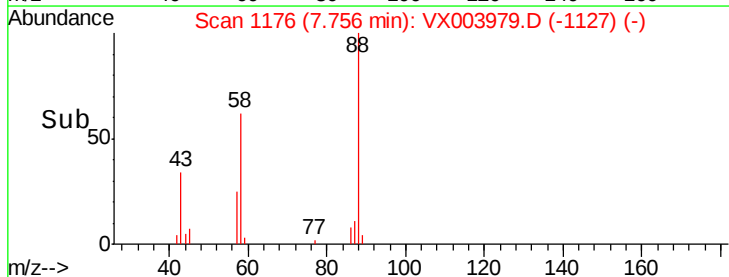
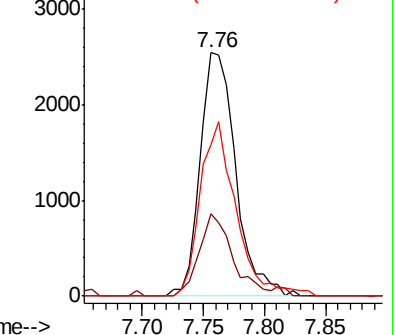
58 72.5 55.4 83.0

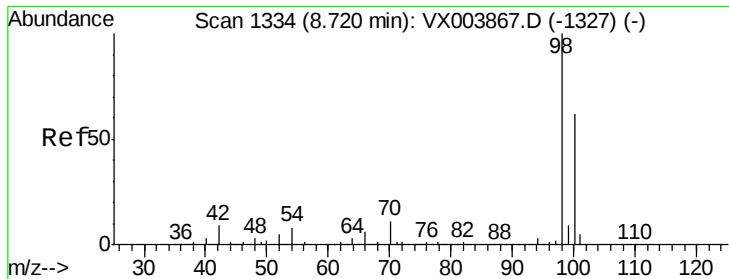


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 47.72 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX003979.D

Acq: 10 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

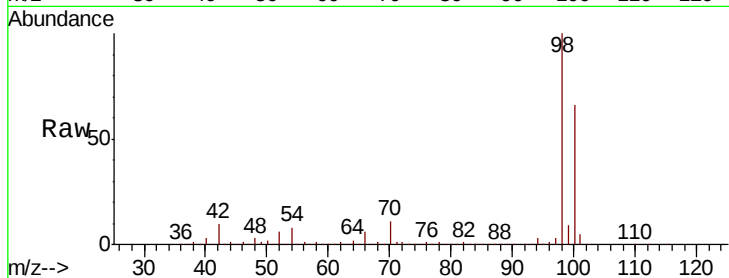
MW-101D

Tot Ion: 98 Resp: 609987

Ion Ratio Lower Upper

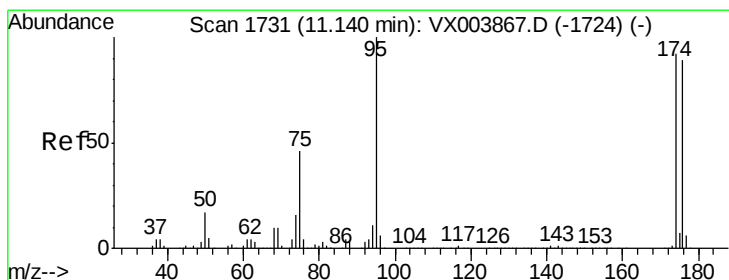
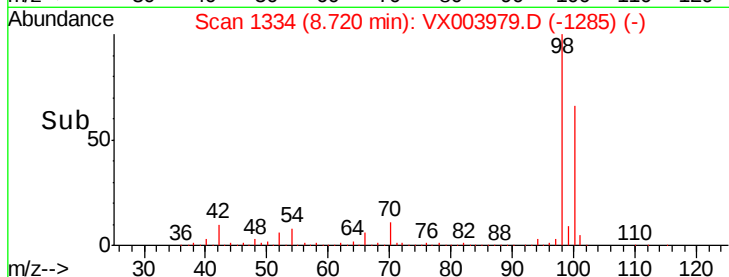
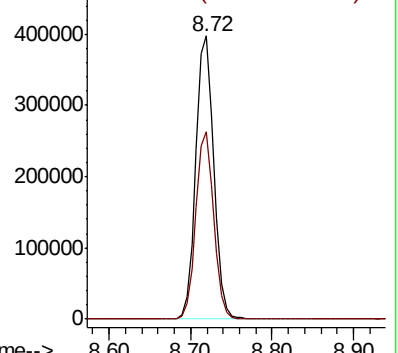
98 100

100 65.6 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: 50.87 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003979.D

Acq: 10 Aug 2018 16:17

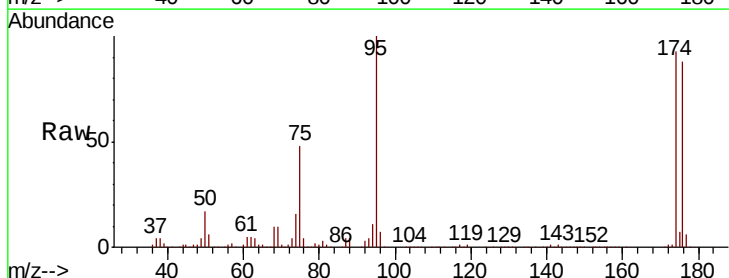
Tgt Ion: 95 Resp: 210434

Ion Ratio Lower Upper

95 100

174 93.1 0.0 182.8

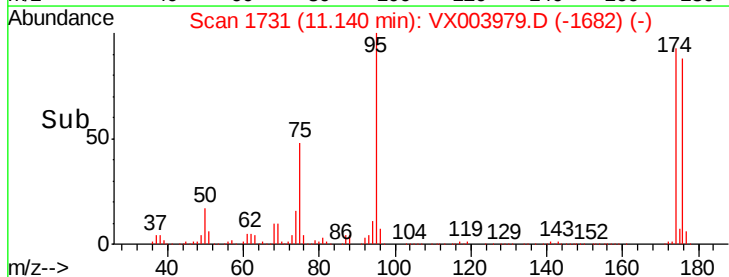
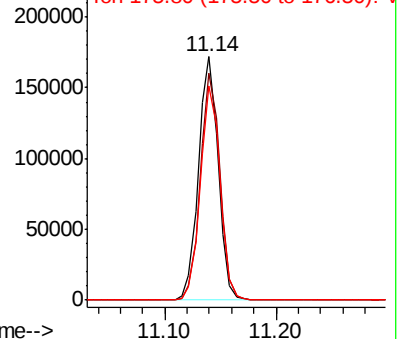
176 88.1 0.0 179.0

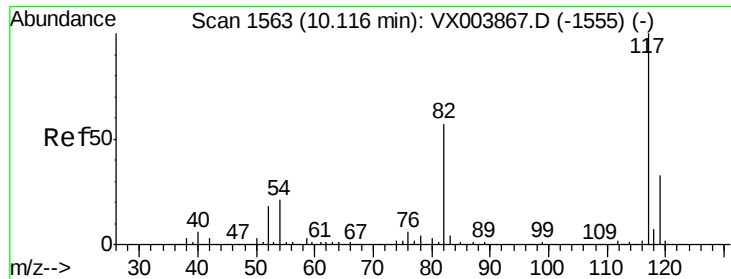


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

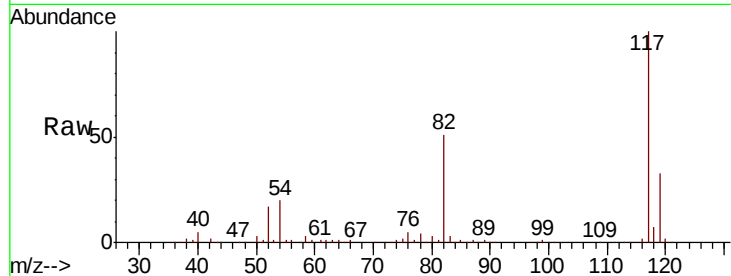




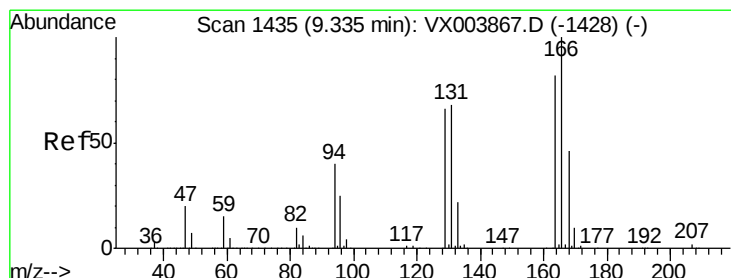
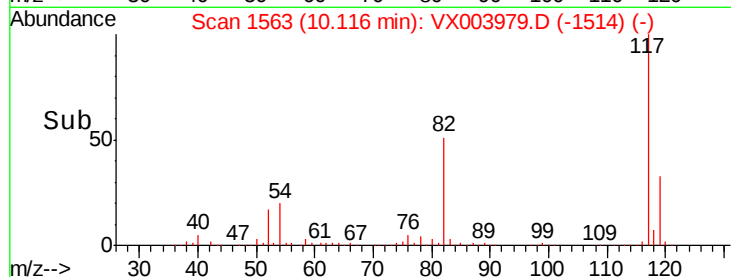
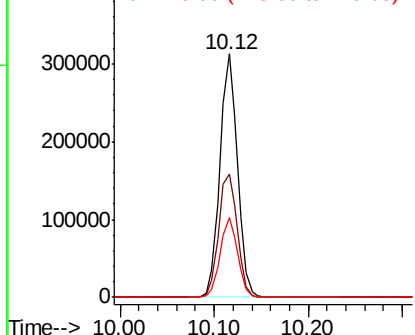
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003979.D
Acq: 10 Aug 2018 16:17

Instrument :
MSVOA_X
ClientSampleId :
MW-101D

Tot Ion:117 Resp: 404464
Ion Ratio Lower Upper
117 100
82 50.8 45.4 68.0
119 32.6 26.6 40.0

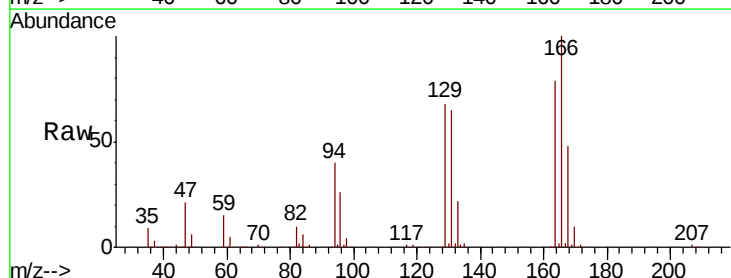


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

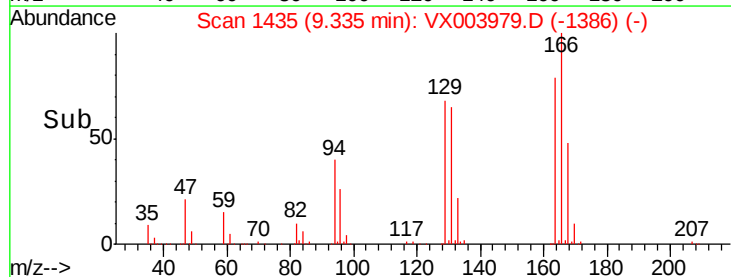
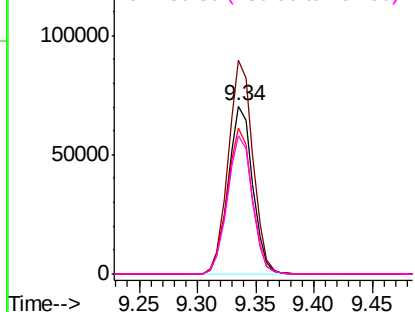


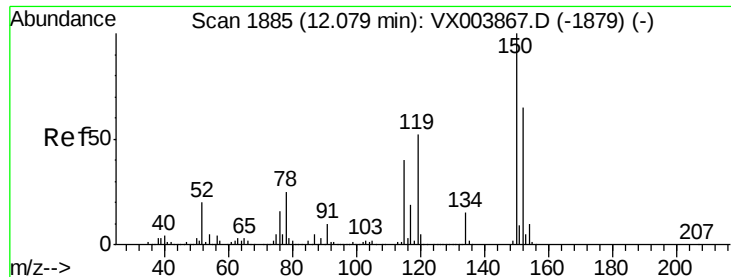
#64
Tetrachloroethene
Concen: 25.95 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX003979.D
Acq: 10 Aug 2018 16:17

Tgt Ion:164 Resp: 103246
Ion Ratio Lower Upper
164 100
166 127.0 98.0 147.0
129 87.0 64.3 96.5
131 82.2 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: VX003979.D

Acq: 10 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

MW-101D

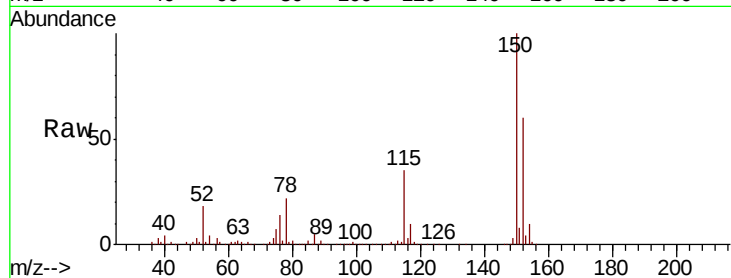
Tot Ion:152 Resp: 212237

Ion Ratio Lower Upper

152 100

115 56.3 39.1 117.3

150 162.8 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

