

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081418\
 Data File : VX004064.D
 Acq On : 15 Aug 2018 07:53
 Operator : JC/MD
 Sample : J4439-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-302-SRI3

Quant Time: Aug 22 08:17:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

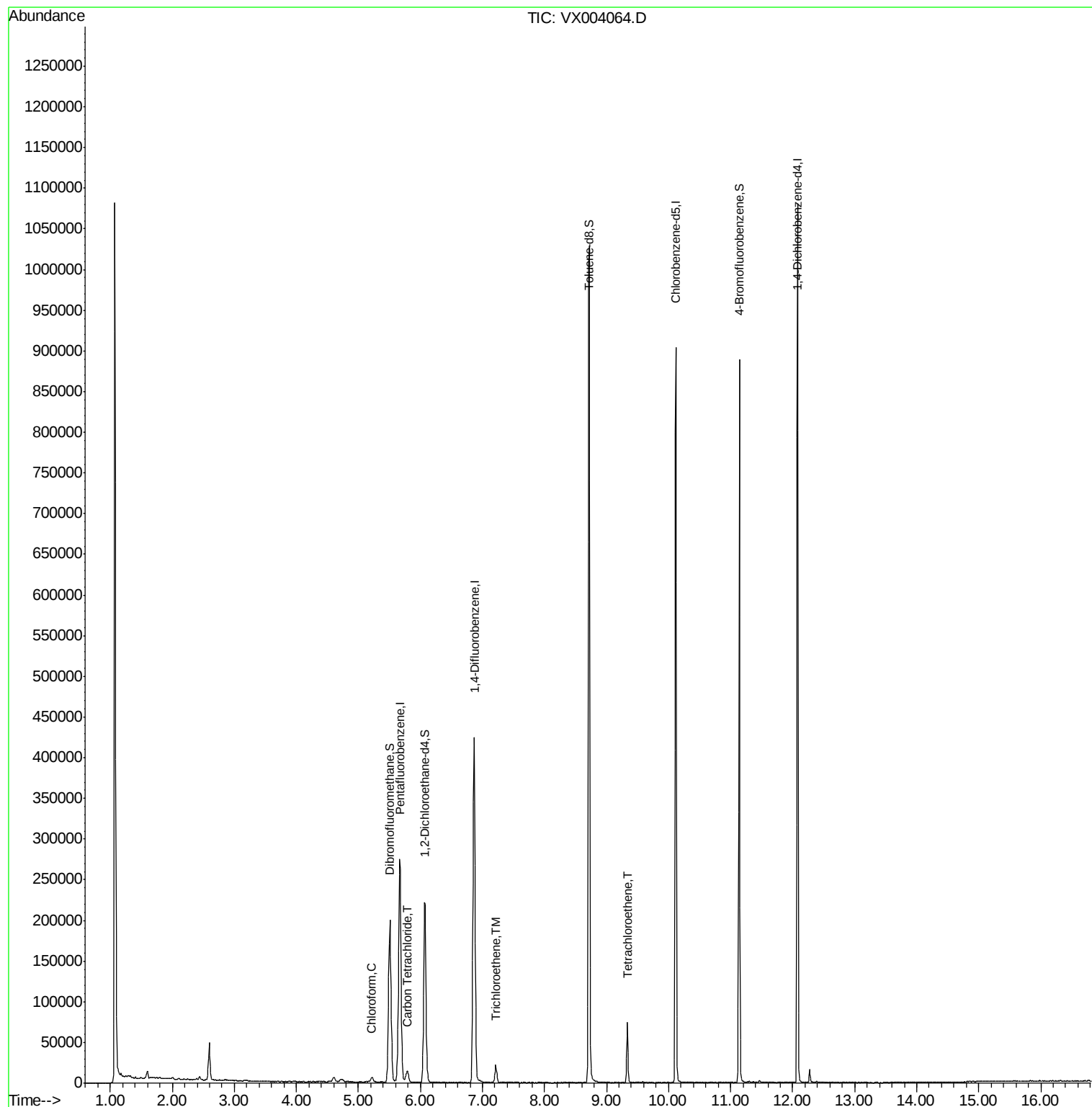
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	276044	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	433056	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	414101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	221692	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	206940	53.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.42%	
35) Dibromofluoromethane	5.51	113	167477	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.34%	
50) Toluene-d8	8.72	98	623186	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
62) 4-Bromofluorobenzene	11.14	95	211248	44.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.64%	
Target Compounds						
30) Chloroform	5.21	83	6020	1.006	ug/l	90
38) Carbon Tetrachloride	5.79	117	12759	2.665	ug/l	93
44) Trichloroethene	7.21	130	8628	2.148	ug/l	96
64) Tetrachloroethene	9.34	164	14923	3.802	ug/l	96

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX004064.D

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Instrument :

MSVOA_X

ClientSampled :

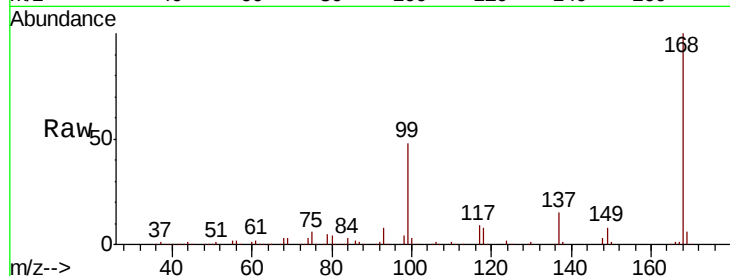
MW-302-SRI3

Tgt Ion:168 Resp: 276044

Ion Ratio Lower Upper

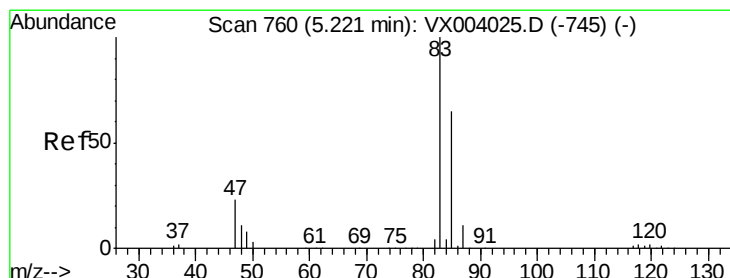
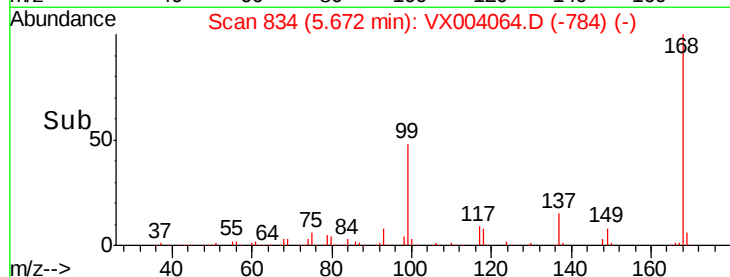
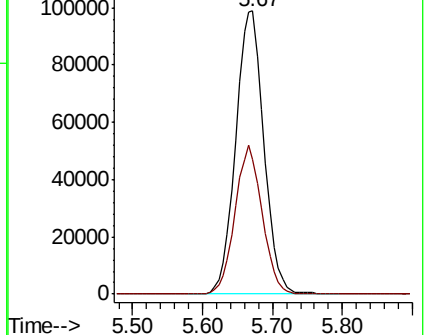
168 100

99 47.8 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#30

Chloroform

Concen: 1.006 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX004064.D

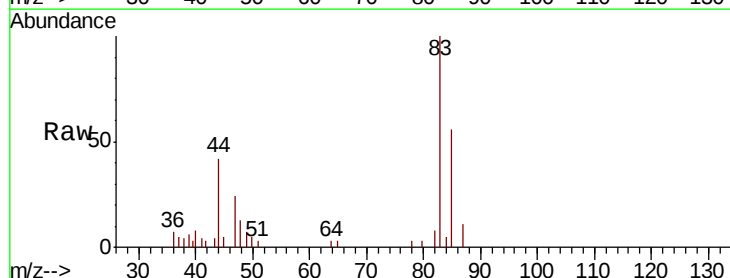
Acq: 15 Aug 2018 07:53

Tgt Ion: 83 Resp: 6020

Ion Ratio Lower Upper

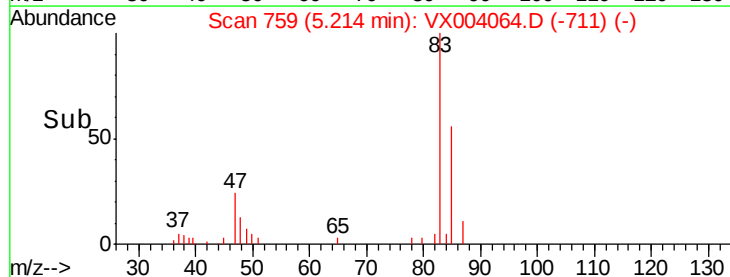
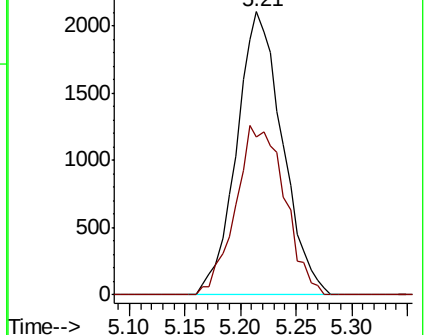
83 100

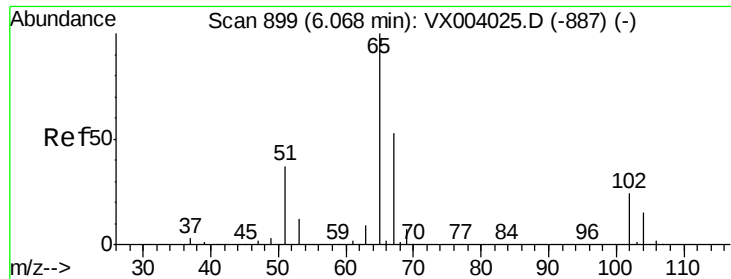
85 56.0 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

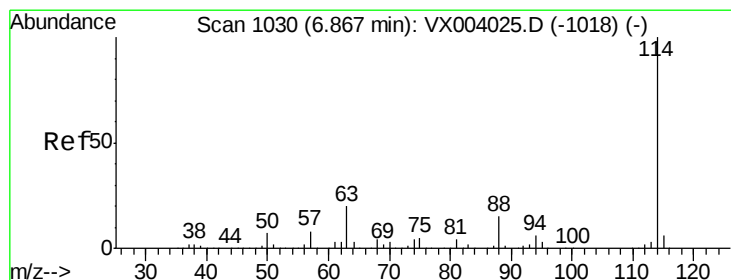
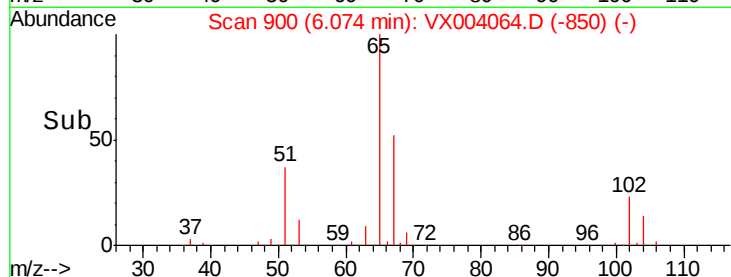
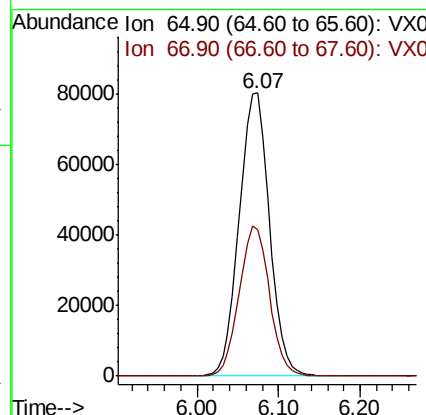
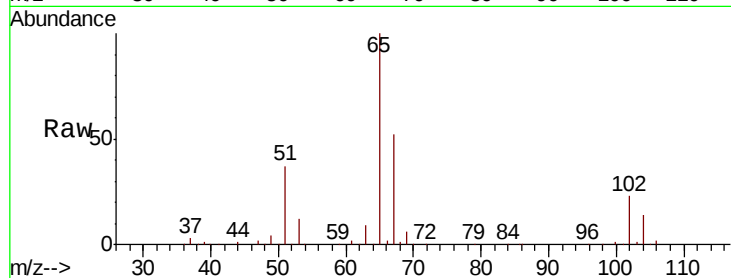




#33
 1,2-Dichloroethane-d4
 Concen: 53.207 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX004064.D
 Acq: 15 Aug 2018 07:53

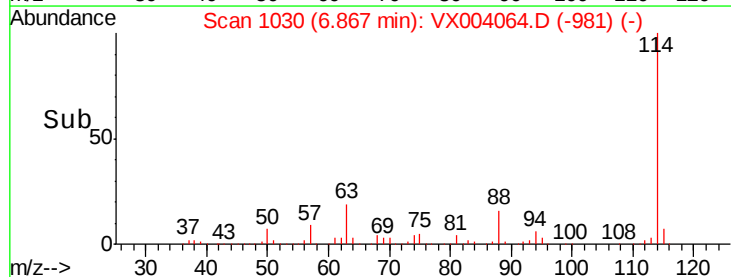
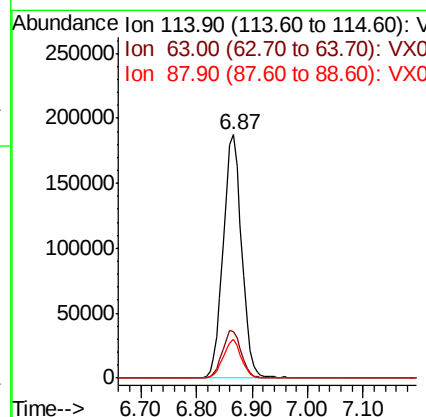
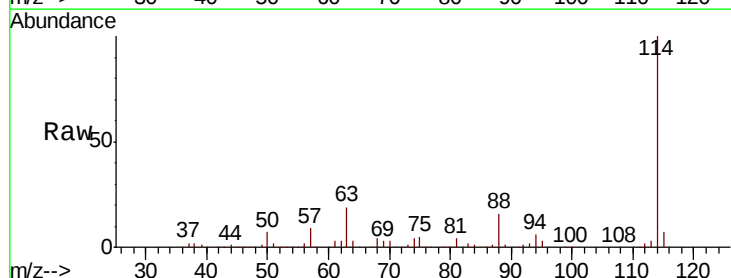
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-302-SRI3

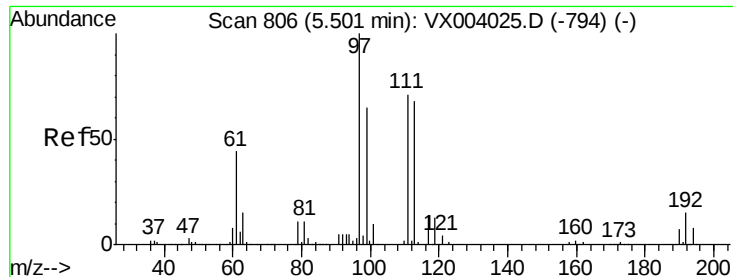
Tgt Ion: 65 Resp: 206940
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX004064.D
 Acq: 15 Aug 2018 07:53

Tgt Ion: 114 Resp: 433056
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.0
 88 15.7 0.0 32.0

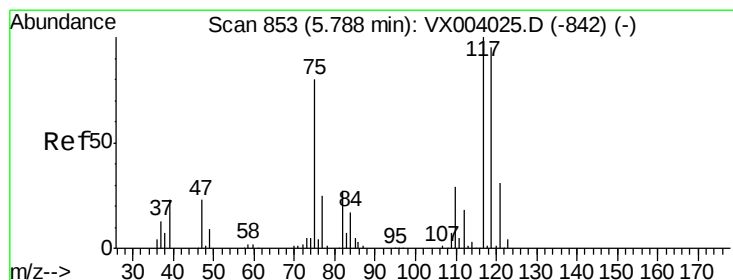
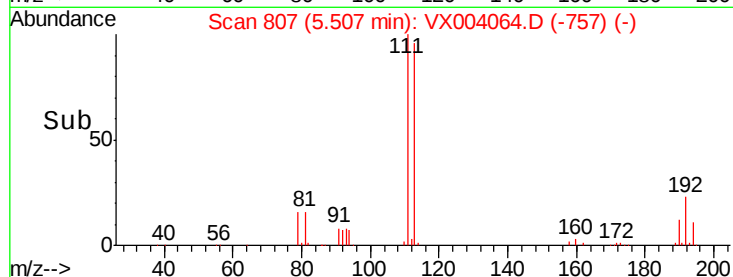
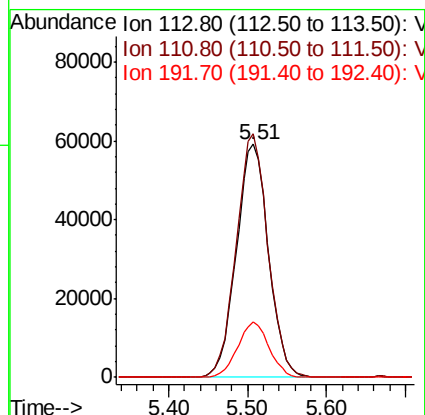
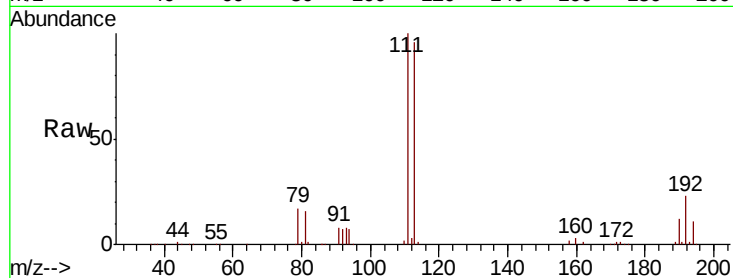




#35
Dibromofluoromethane
Concen: 51.673 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX004064.D
Acq: 15 Aug 2018 07:53

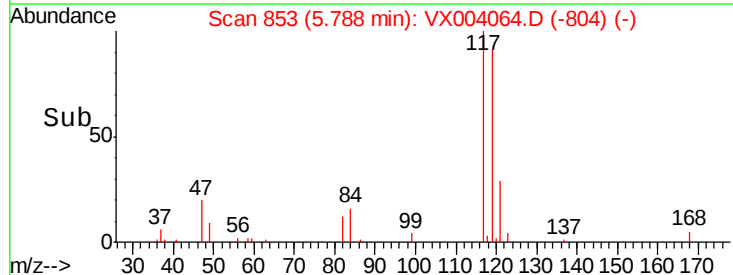
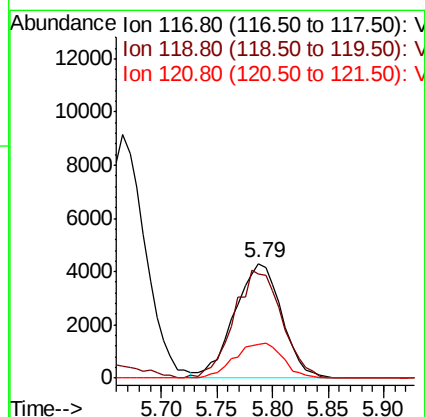
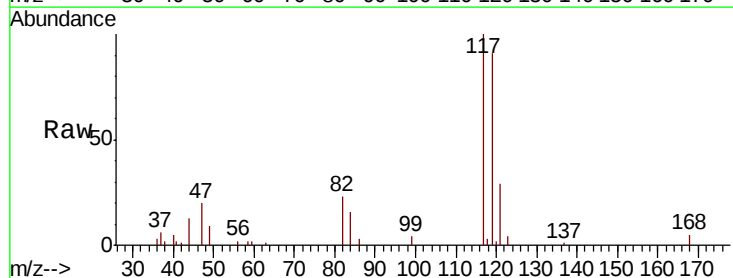
Instrument :
MSVOA_X
ClientSampleId :
MW-302-SRI3

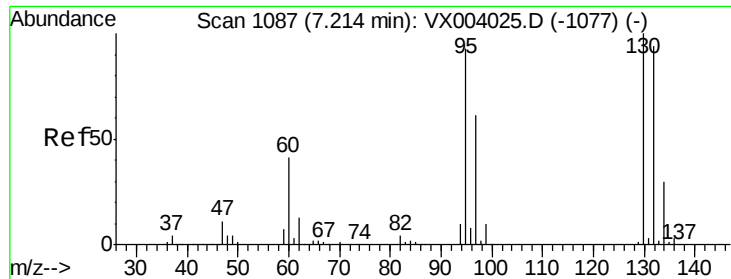
Tgt Ion:113 Resp: 167477
Ion Ratio Lower Upper
113 100
111 103.0 82.0 123.0
192 23.1 19.0 28.4



#38
Carbon Tetrachloride
Concen: 2.665 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX004064.D
Acq: 15 Aug 2018 07:53

Tgt Ion:117 Resp: 12759
Ion Ratio Lower Upper
117 100
119 90.8 79.5 119.3
121 29.0 25.0 37.4





#44

Trichloroethene

Concen: 2.148 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004064.D

Acq: 15 Aug 2018 07:53

Instrument :

MSVOA_X

ClientSampleId :

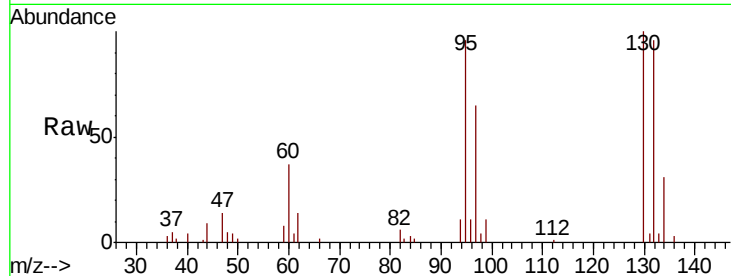
MW-302-SRI3

Tgt Ion:130 Resp: 8628

Ion Ratio Lower Upper

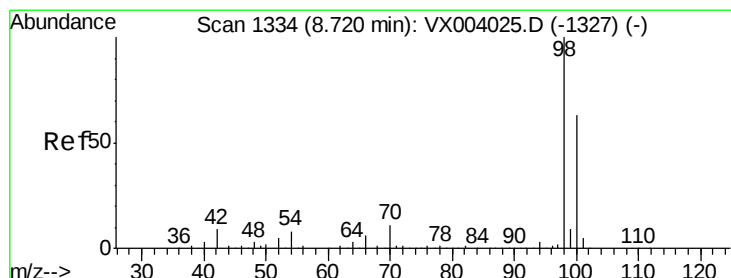
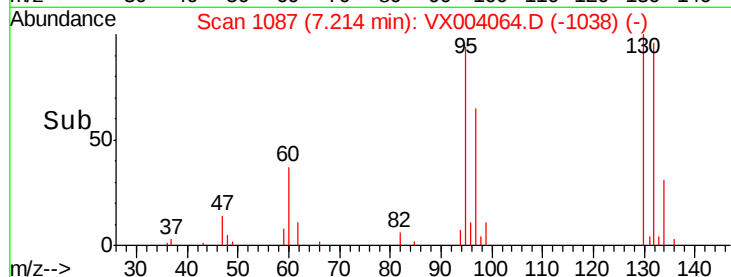
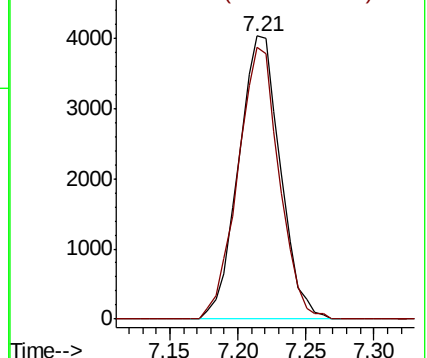
130 100

95 96.1 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 47.424 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX004064.D

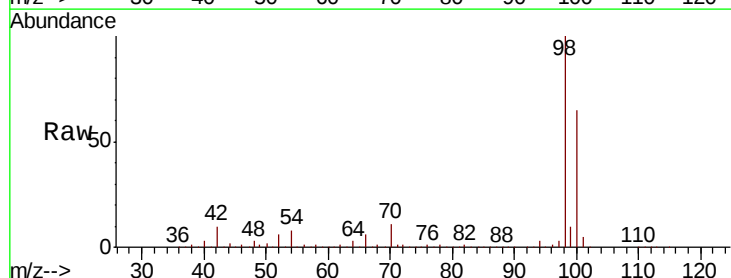
Acq: 15 Aug 2018 07:53

Tgt Ion: 98 Resp: 623186

Ion Ratio Lower Upper

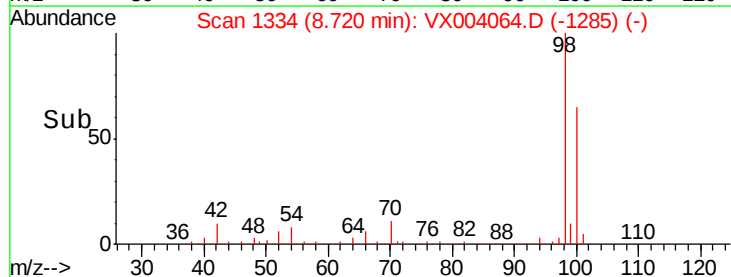
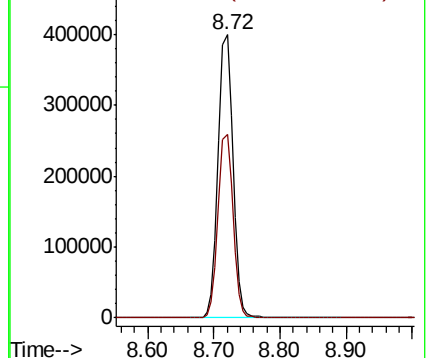
98 100

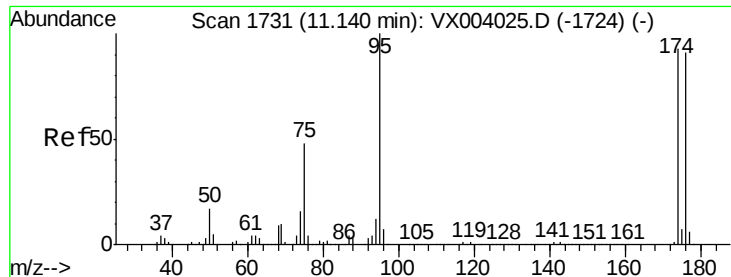
100 65.4 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 44.323 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004064.D

Acq: 15 Aug 2018 07:53

Instrument :

MSVOA_X

ClientSampleId :

MW-302-SRI3

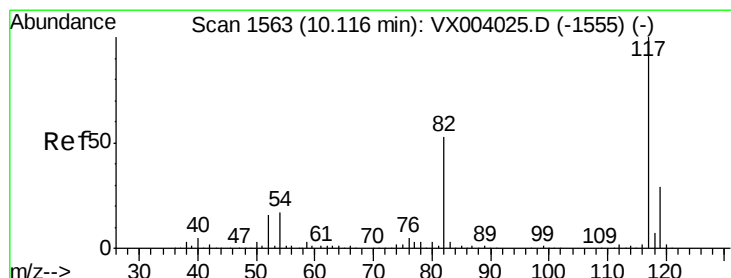
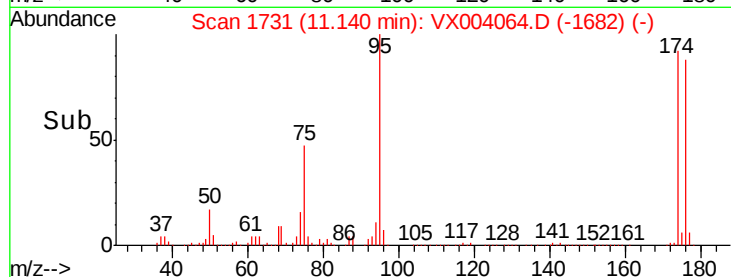
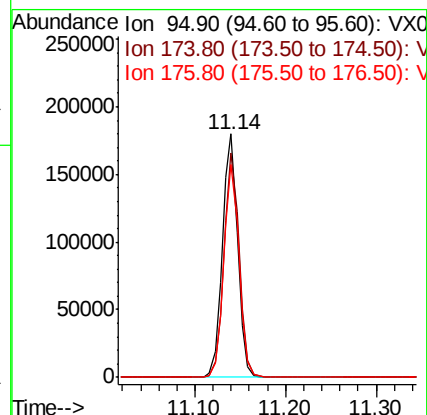
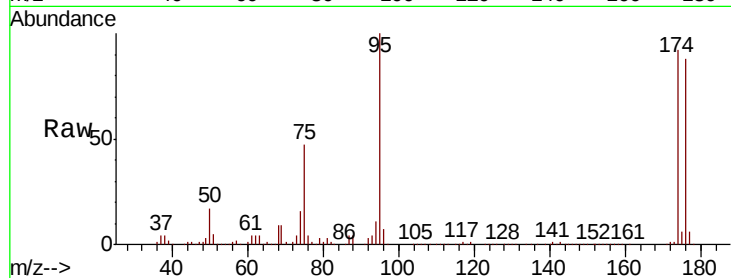
Tgt Ion: 95 Resp: 211248

Ion Ratio Lower Upper

95 100

174 92.2 0.0 182.8

176 87.8 0.0 179.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX004064.D

Acq: 15 Aug 2018 07:53

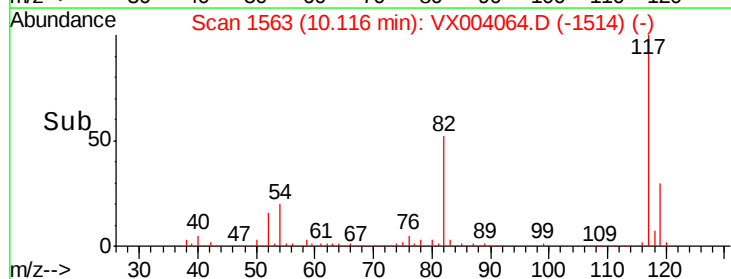
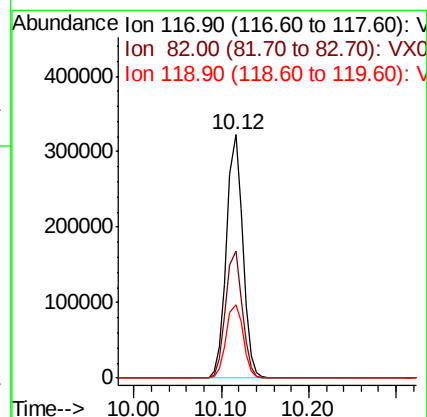
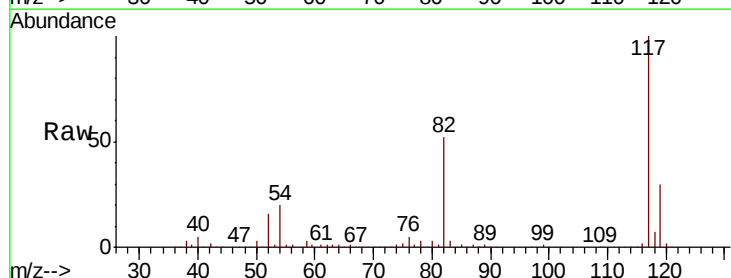
Tgt Ion: 117 Resp: 414101

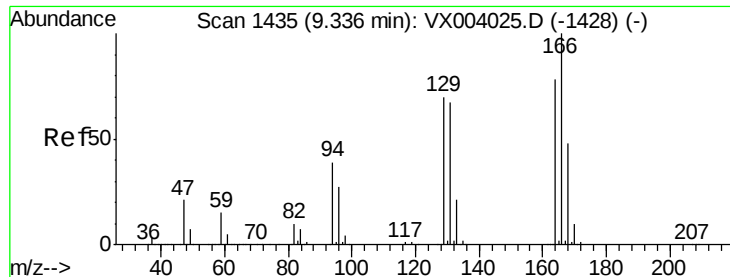
Ion Ratio Lower Upper

117 100

82 52.0 45.4 68.0

119 30.1 26.6 40.0





#64

Tetrachloroethene

Concen: 3.802 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.00 min

Lab File: VX004064.D

Acq: 15 Aug 2018 07:53

Instrument :

MSVOA_X

ClientSampleId :

MW-302-SRI3

Tgt Ion:164 Resp: 14923

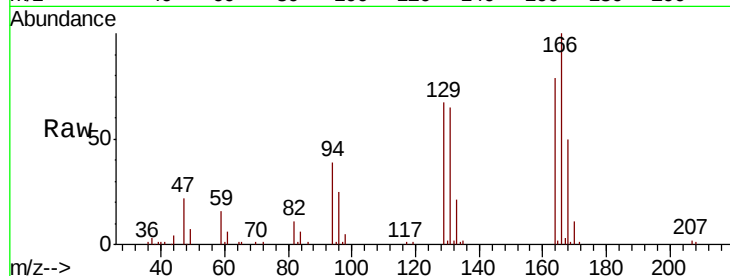
Ion Ratio Lower Upper

164 100

166 127.1 98.0 147.0

129 85.1 64.3 96.5

131 82.0 66.8 100.2

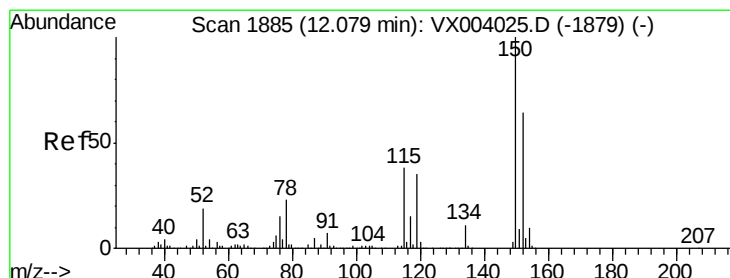
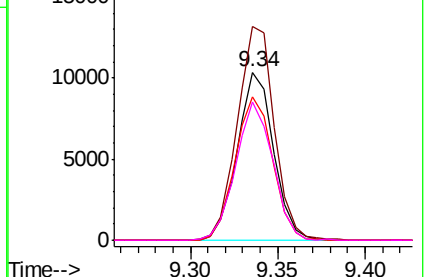
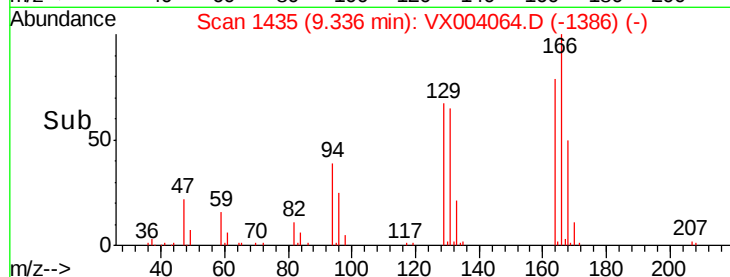


Abundance Ion 163.80 (163.50 to 164.50): V

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: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004064.D

Acq: 15 Aug 2018 07:53

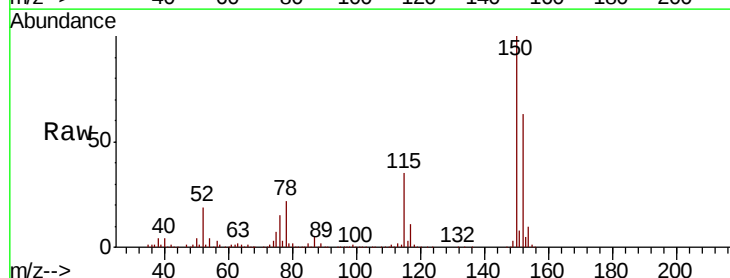
Tgt Ion:152 Resp: 221692

Ion Ratio Lower Upper

152 100

115 55.3 39.1 117.3

150 156.1 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

