

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072018\
 Data File : VX003524.D
 Acq On : 20 Jul 2018 22:44
 Operator : JC/SP
 Sample : J4014-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-071318

Quant Time: Jul 23 11:50:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

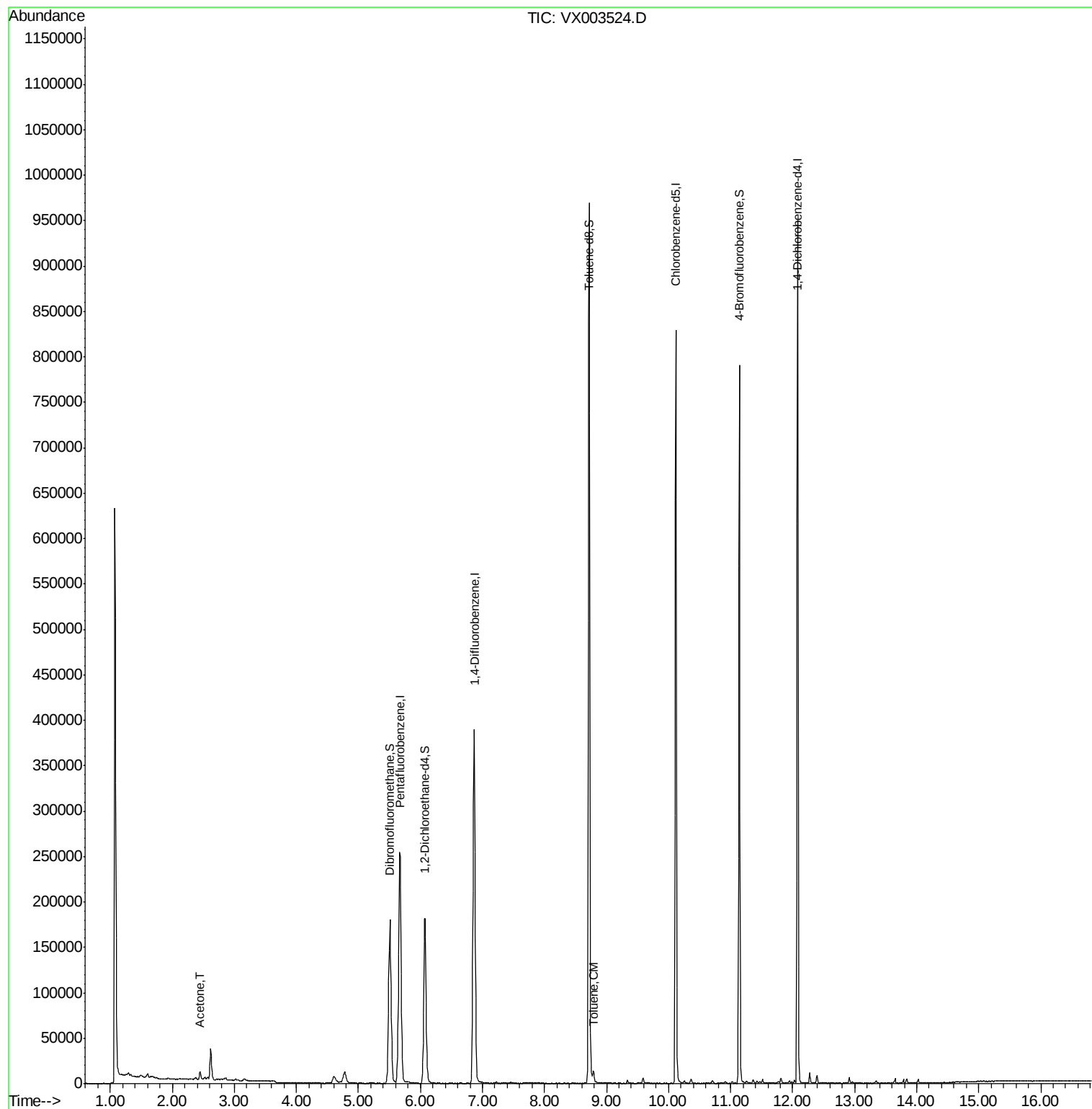
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	265893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	402612	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	383360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210634	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	171665	54.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.08%	
35) Dibromofluoromethane	5.51	113	152430	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
50) Toluene-d8	8.72	98	576516	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
62) 4-Bromofluorobenzene	11.14	95	199219	47.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.72%	
Target Compounds						
16) Acetone	2.45	43	9335	7.852	ug/l #	87
52) Toluene	8.79	92	3635	0.440	ug/l	91

(#) = 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: VX003524.D

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Instrument :

MSVOA_X

ClientSampleId :

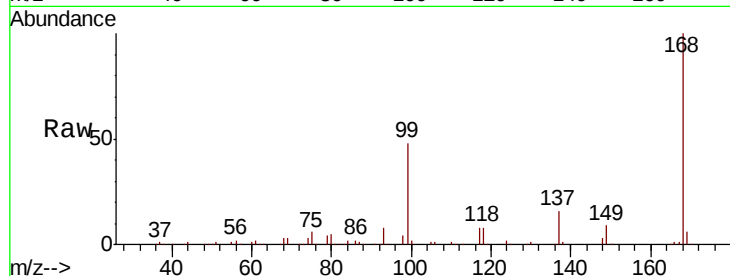
FB01-071318

Tgt Ion:168 Resp: 265893

Ion Ratio Lower Upper

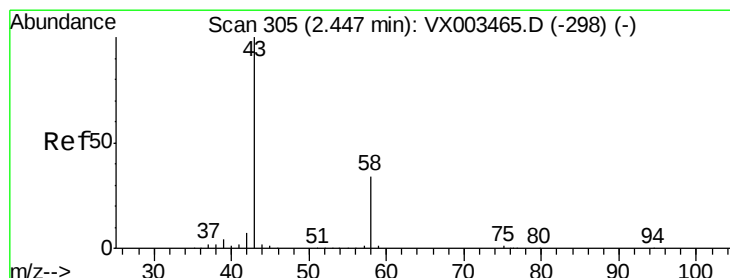
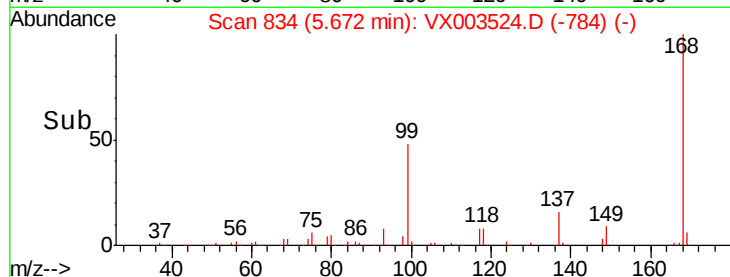
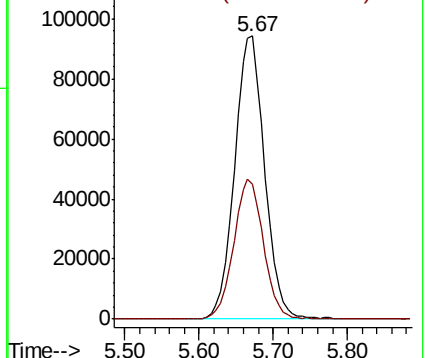
168 100

99 47.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 7.852 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003524.D

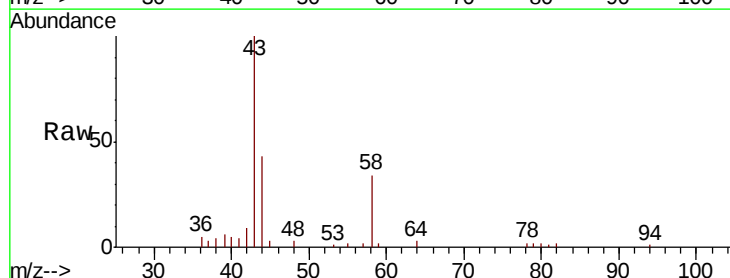
Acq: 20 Jul 2018 22:44

Tgt Ion: 43 Resp: 9335

Ion Ratio Lower Upper

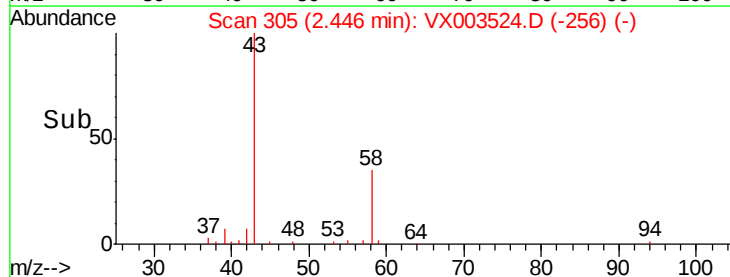
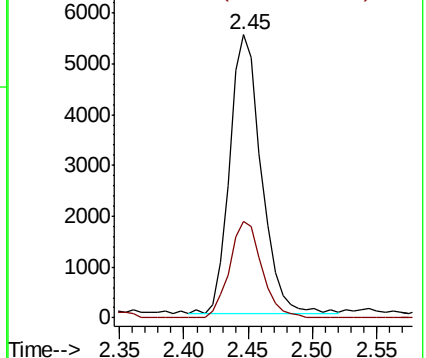
43 100

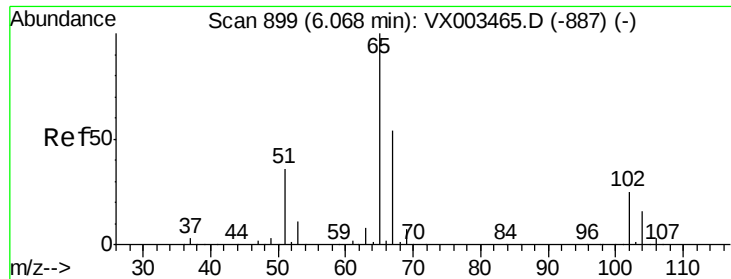
58 34.6 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

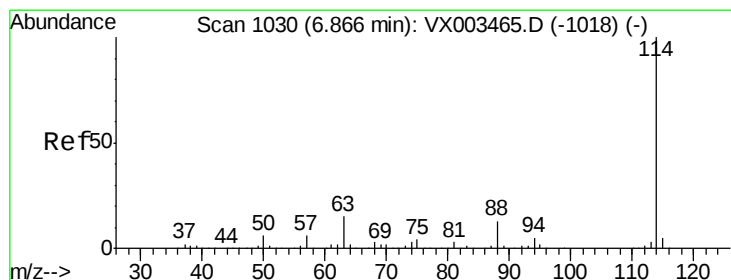
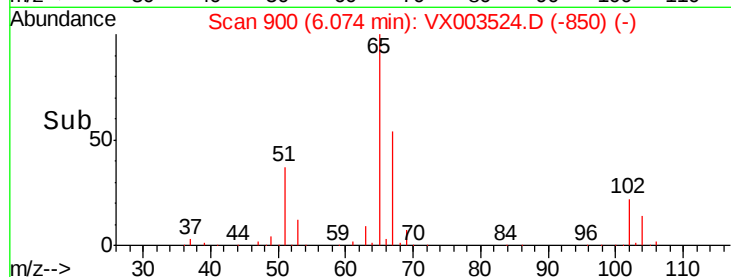
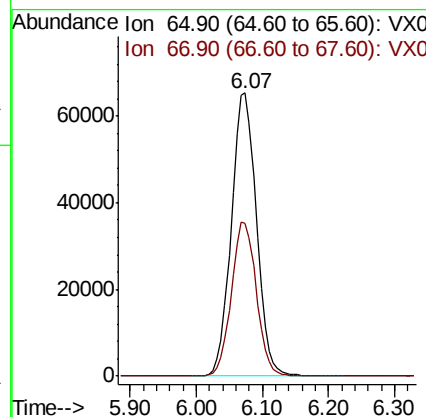
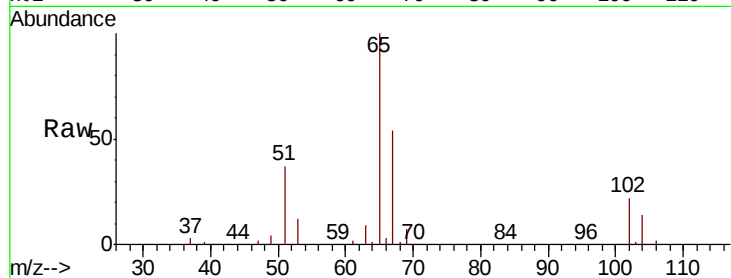




#33
1,2-Dichloroethane-d4
Concen: 54.541 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX003524.D
Acq: 20 Jul 2018 22:44

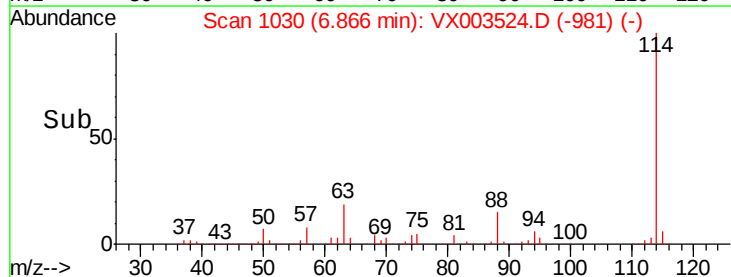
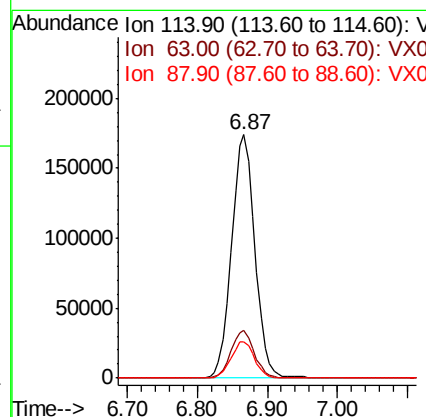
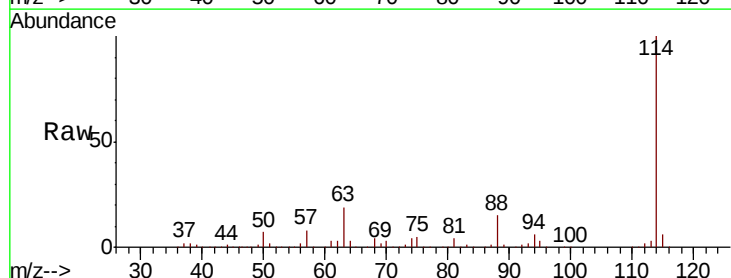
Instrument :
MSVOA_X
ClientSampleId :
FB01-071318

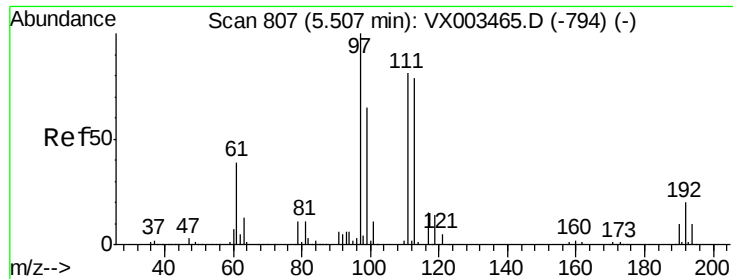
Tgt Ion: 65 Resp: 171665
Ion Ratio Lower Upper
65 100
67 54.0 0.0 102.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX003524.D
Acq: 20 Jul 2018 22:44

Tgt Ion: 114 Resp: 402612
Ion Ratio Lower Upper
114 100
63 19.5 0.0 41.4
88 15.0 0.0 30.0

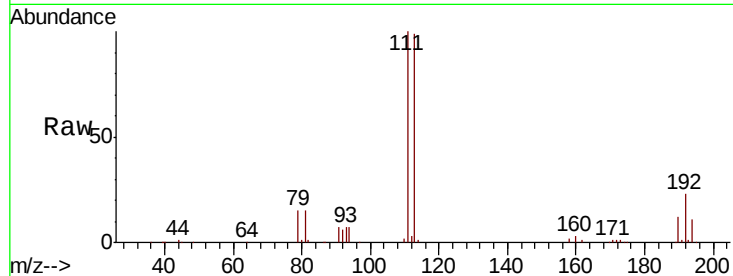




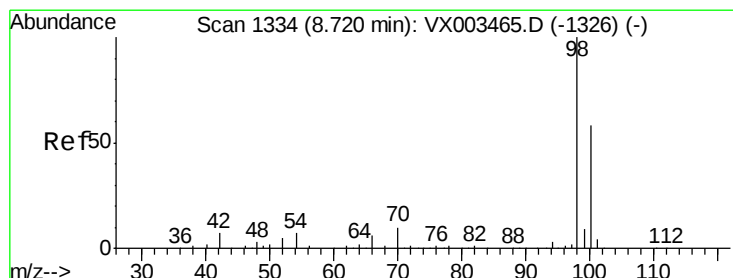
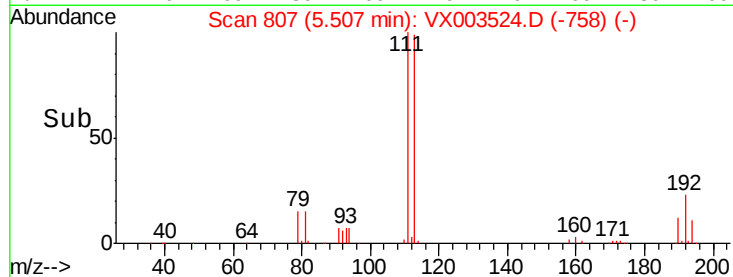
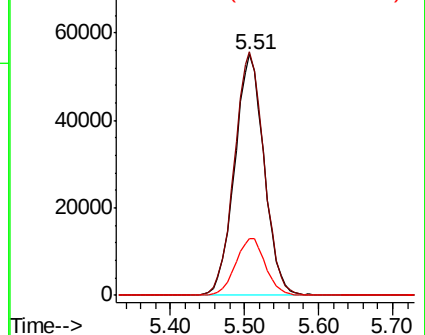
#35
 Dibromofluoromethane
 Concen: 49.707 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003524.D
 Acq: 20 Jul 2018 22:44

Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-071318

Tgt Ion:113 Resp: 152430
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.4 122.0
 192 23.9 19.1 28.7

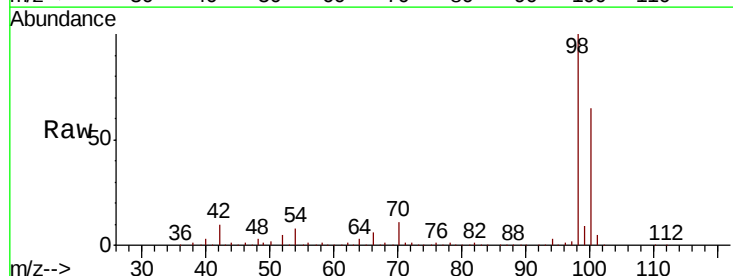


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

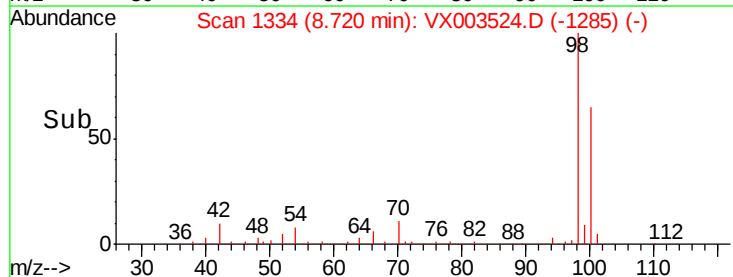
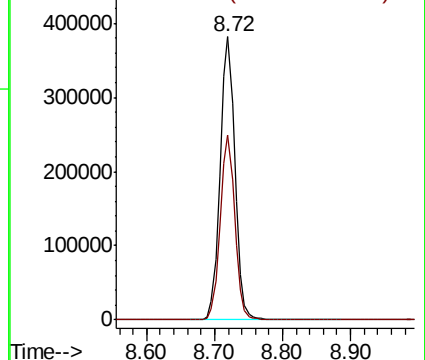


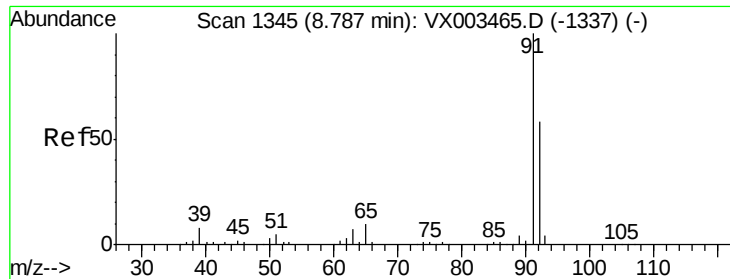
#50
 Toluene-d8
 Concen: 50.018 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003524.D
 Acq: 20 Jul 2018 22:44

Tgt Ion: 98 Resp: 576516
 Ion Ratio Lower Upper
 98 100
 100 64.4 50.9 76.3



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





#52

Toluene

Concen: 0.440 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003524.D

Acq: 20 Jul 2018 22:44

Instrument :

MSVOA_X

ClientSampleId :

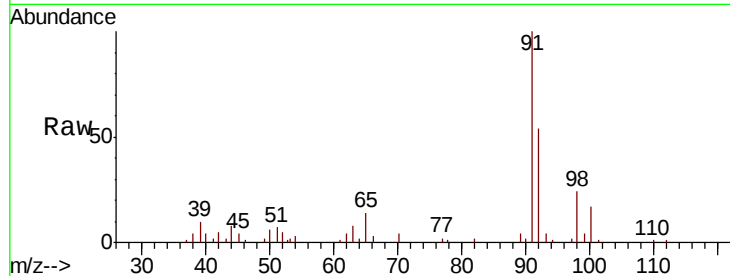
FB01-071318

Tgt Ion: 92 Resp: 3635

Ion Ratio Lower Upper

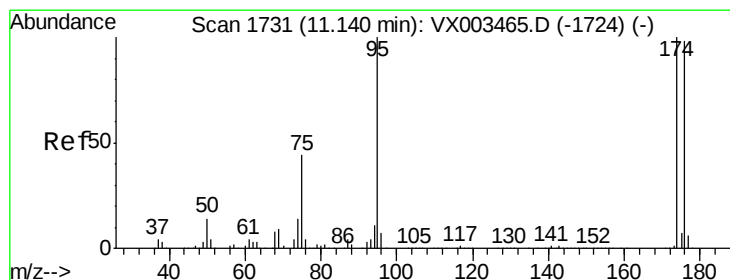
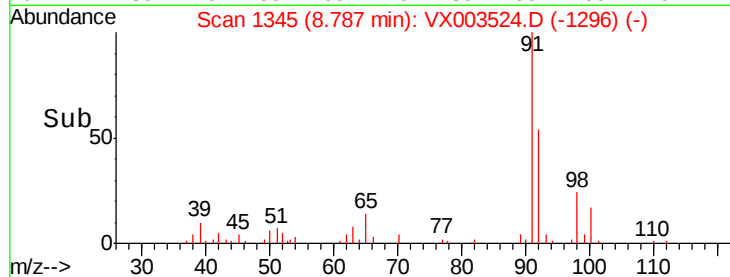
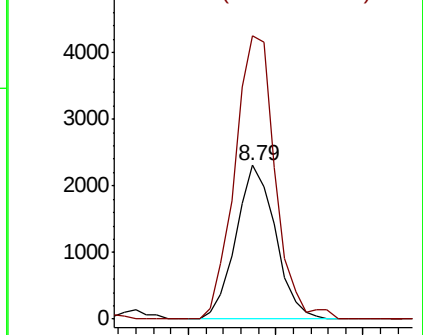
92 100

91 187.8 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 47.362 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003524.D

Acq: 20 Jul 2018 22:44

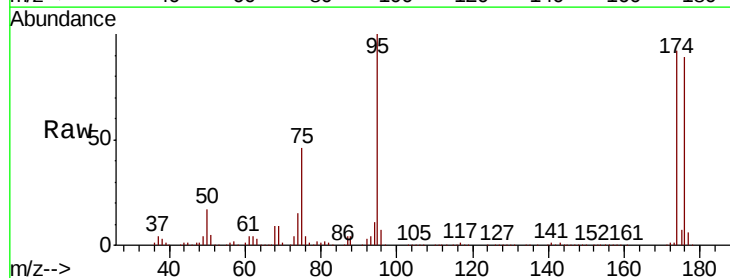
Tgt Ion: 95 Resp: 199219

Ion Ratio Lower Upper

95 100

174 96.7 0.0 187.4

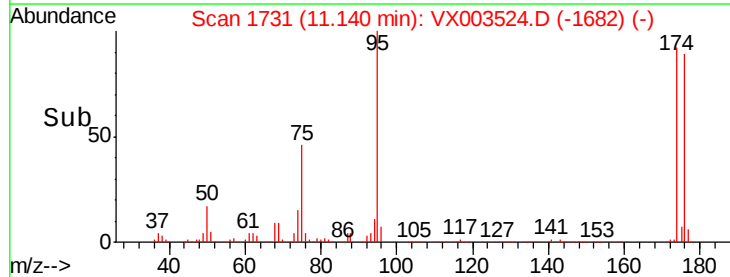
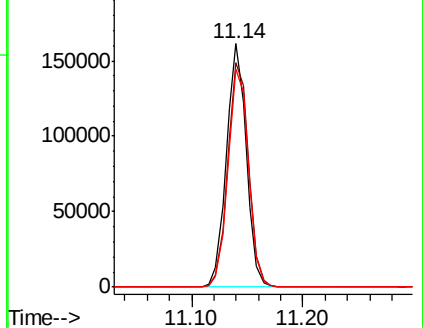
176 92.5 0.0 181.0

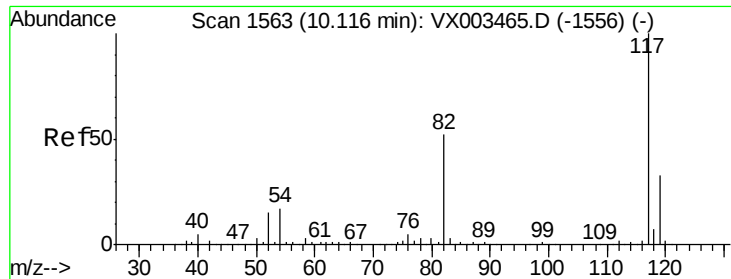


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

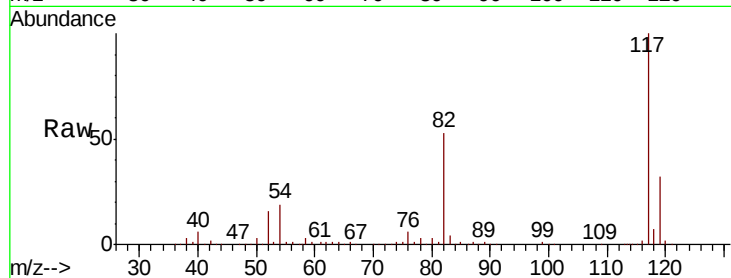




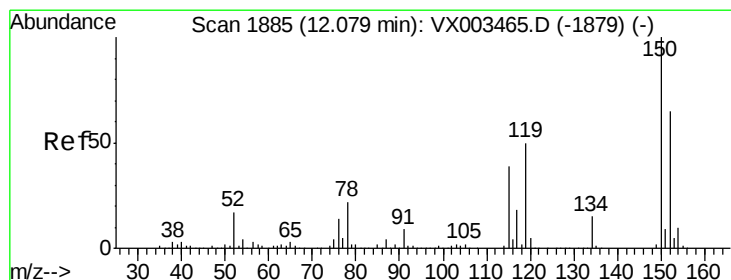
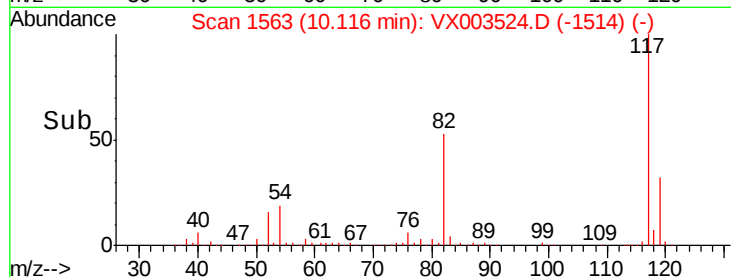
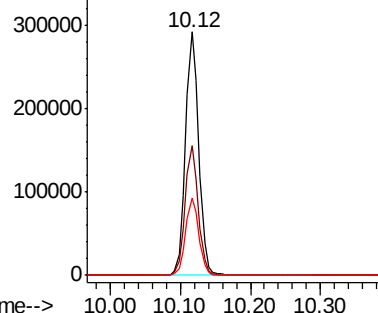
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003524.D
Acq: 20 Jul 2018 22:44

Instrument :
MSVOA_X
ClientSampleId :
FB01-071318

Tgt Ion:117 Resp: 383360
Ion Ratio Lower Upper
117 100
82 53.1 45.0 67.4
119 32.0 25.8 38.6

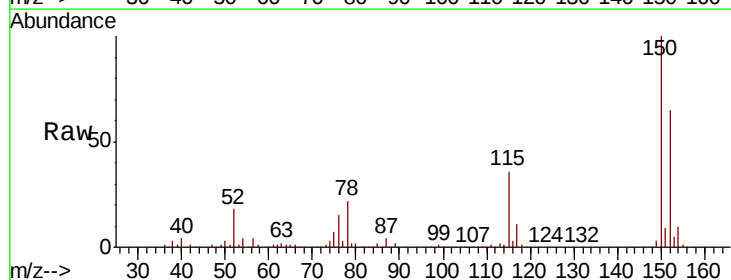


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX003524.D
Acq: 20 Jul 2018 22:44

Tgt Ion:152 Resp: 210634
Ion Ratio Lower Upper
152 100
115 54.2 40.1 120.2
150 156.4 0.0 347.2



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

