

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072318\
 Data File : VX003622.D
 Acq On : 24 Jul 2018 00:29
 Operator : JC/SP
 Sample : J4073-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB02-071718

Quant Time: Aug 02 11:43:59 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

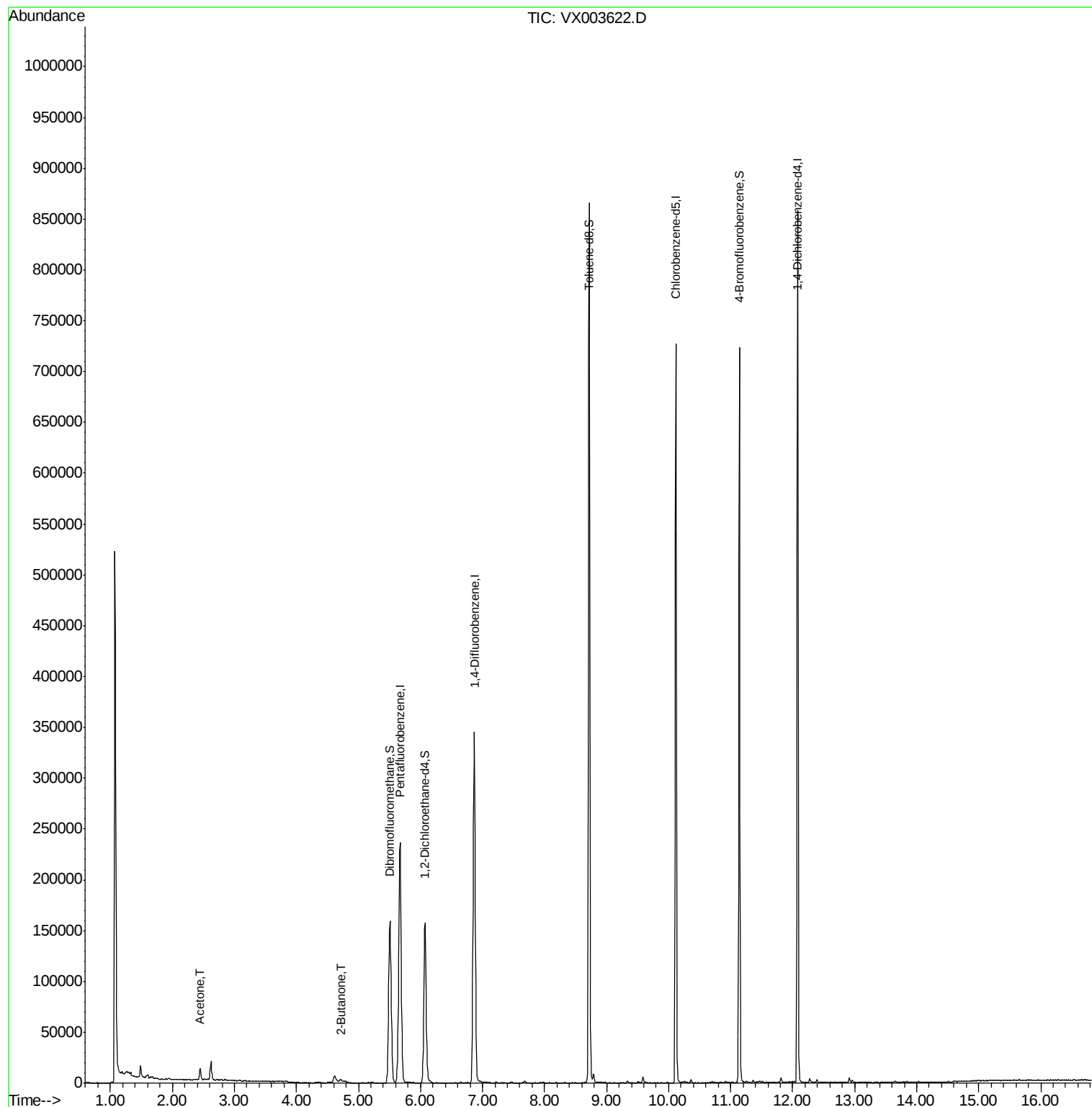
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	254160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	365841	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	347344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192614	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	150082	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.78%	
35) Dibromofluoromethane	5.51	113	138768	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
50) Toluene-d8	8.72	98	519180	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.14%	
62) 4-Bromofluorobenzene	11.14	95	176838	46.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.54%	
Target Compounds						
16) Acetone	2.45	43	12072	10.62	ug/l	# 85
25) 2-Butanone	4.71	43	5113	2.68	ug/l	92

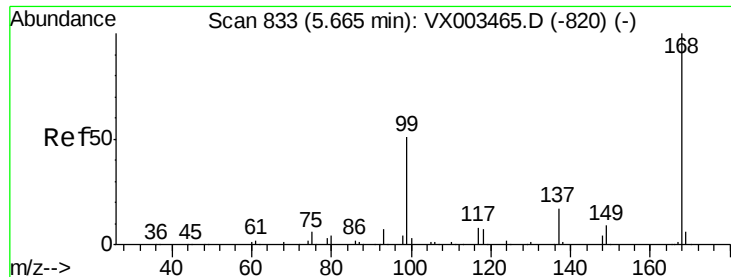
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003622.D

Acq: 24 Jul 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

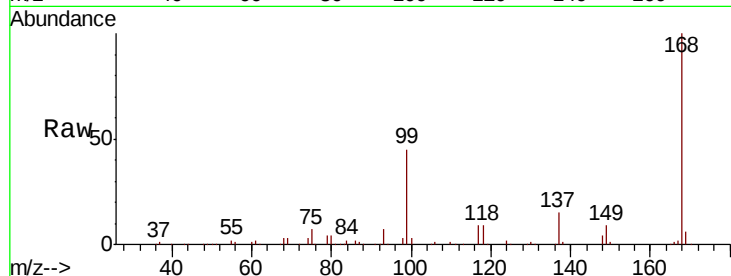
FB02-071718

Tot Ion:168 Resp: 254160

Ion Ratio Lower Upper

168 100

99 45.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

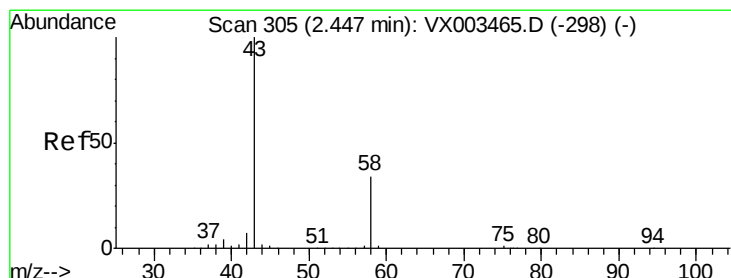
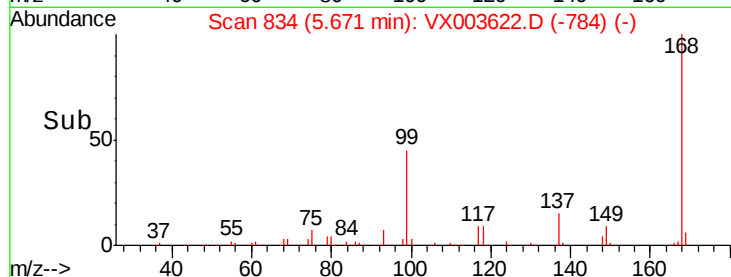
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 10.62 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003622.D

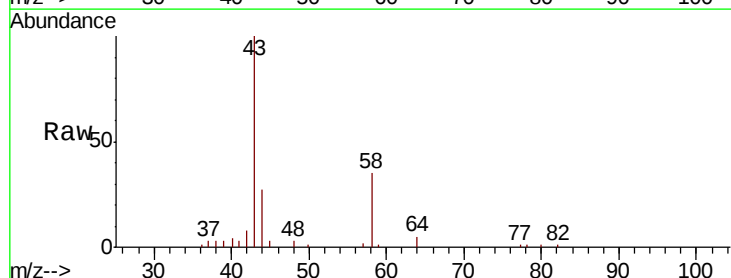
Acq: 24 Jul 2018 00:29

Tgt Ion: 43 Resp: 12072

Ion Ratio Lower Upper

43 100

58 35.3 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8000

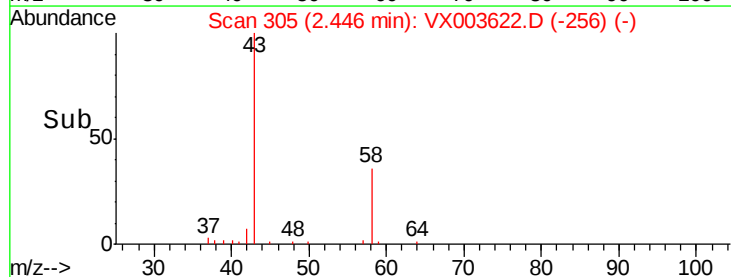
6000

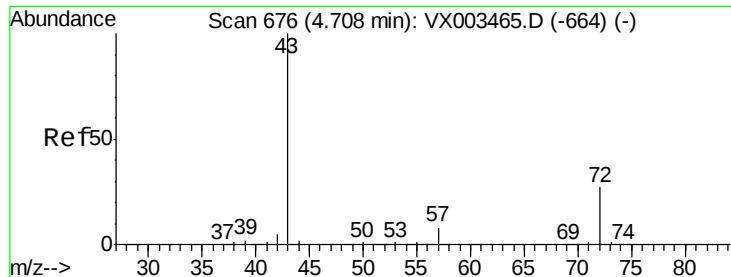
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55





#25

2-Butanone

Concen: 2.68 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003622.D

Acq: 24 Jul 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

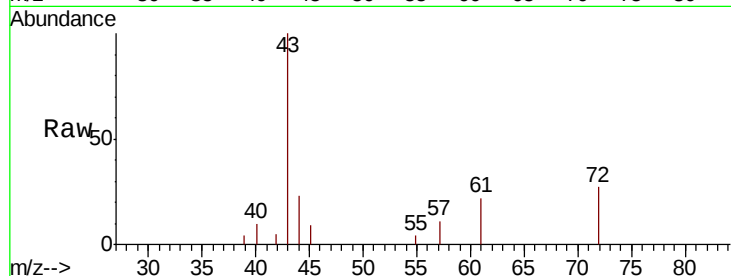
FB02-071718

Tot Ion: 43 Resp: 5113

Ion Ratio Lower Upper

43 100

72 27.2 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

1500

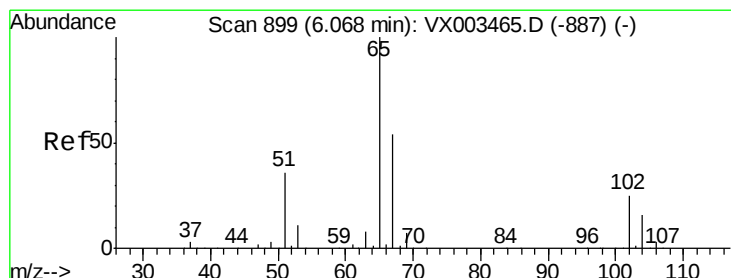
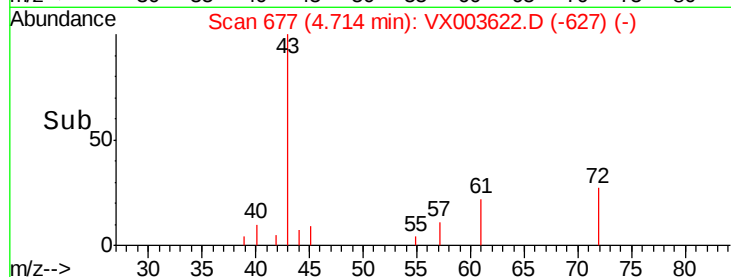
1000

500

0

Time-->

4.60 4.70 4.80



#33

1,2-Dichloroethane-d4

Concen: 49.89 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003622.D

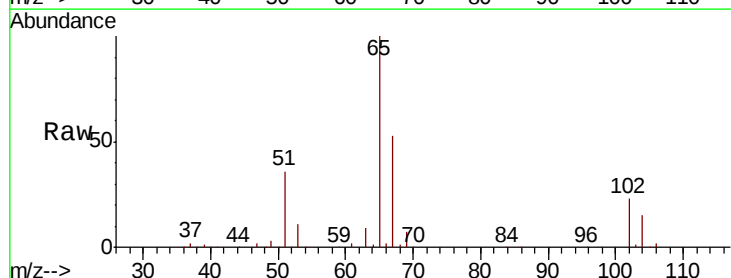
Acq: 24 Jul 2018 00:29

Tgt Ion: 65 Resp: 150082

Ion Ratio Lower Upper

65 100

67 53.8 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

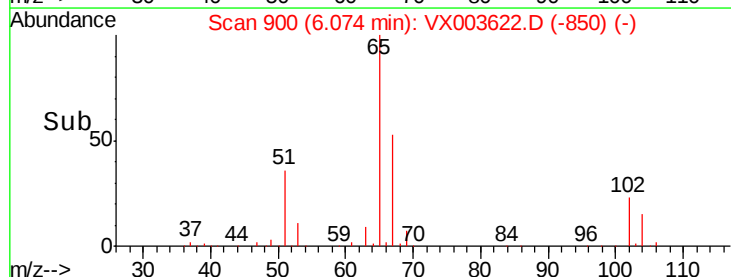
40000

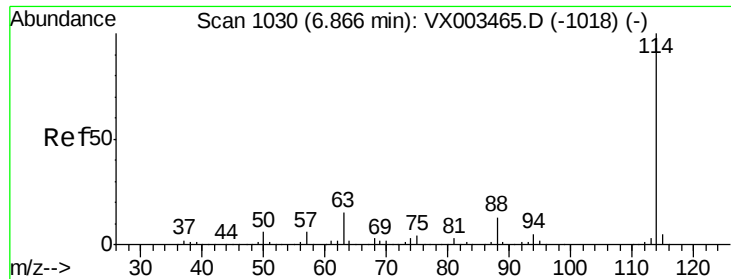
20000

0

Time-->

6.00 6.10 6.20

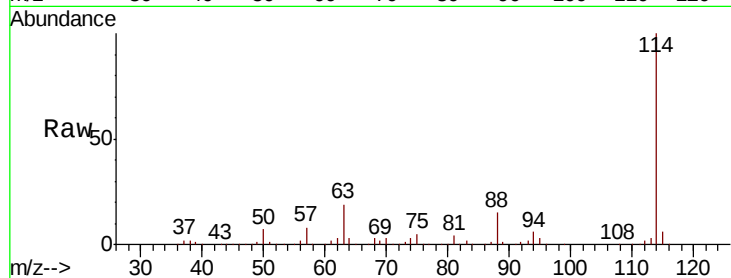




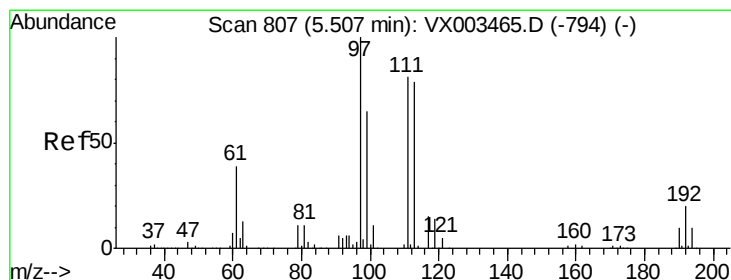
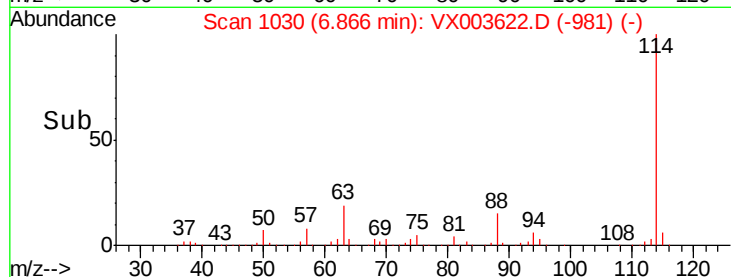
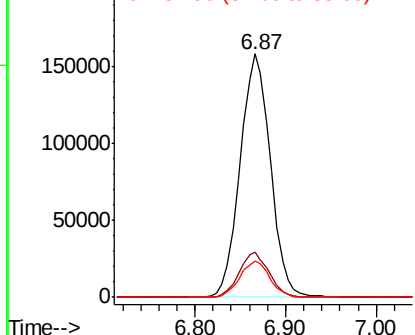
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003622.D
 Acq: 24 Jul 2018 00:29

Instrument :
 MSVOA_X
 ClientSampleId :
 FB02-071718

Tot Ion:114 Resp: 365841
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 41.4
 88 14.7 0.0 30.0

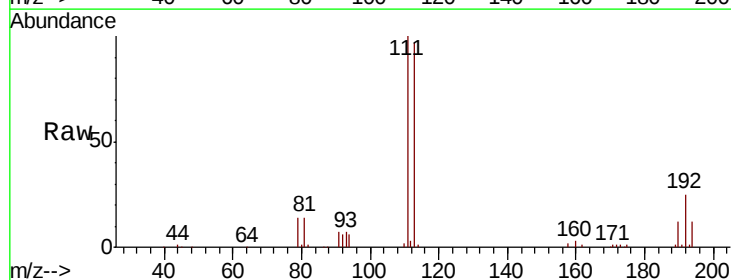


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

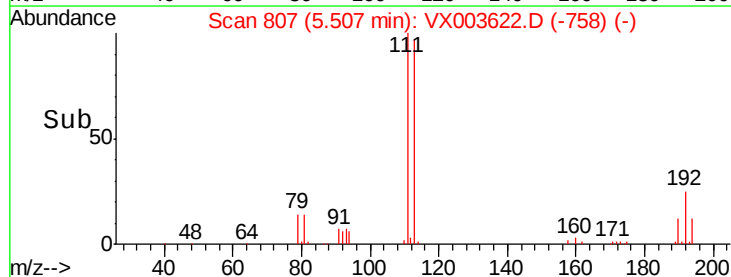
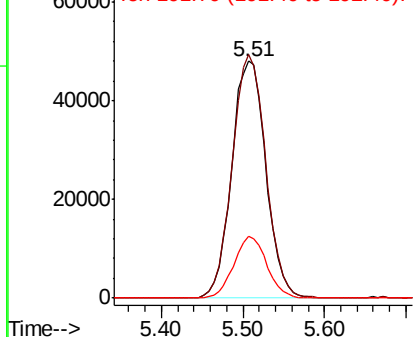


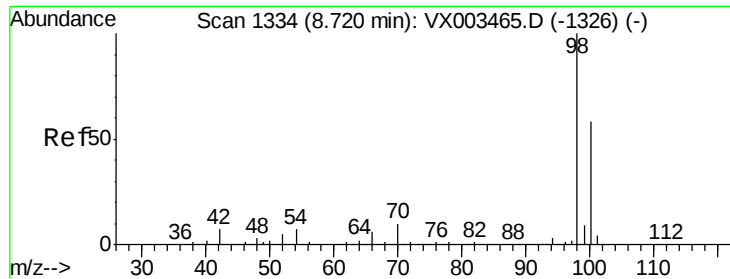
#35
 Dibromofluoromethane
 Concen: 49.80 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003622.D
 Acq: 24 Jul 2018 00:29

Tgt Ion:113 Resp: 138768
 Ion Ratio Lower Upper
 113 100
 111 101.1 81.4 122.0
 192 25.0 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

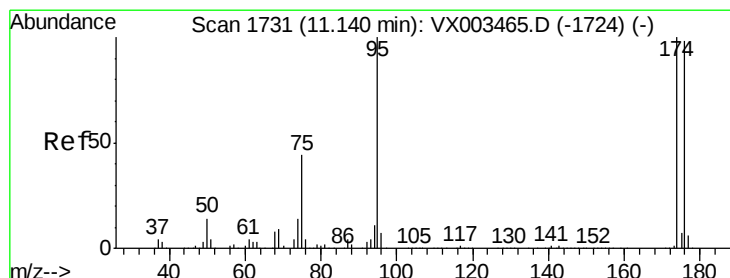
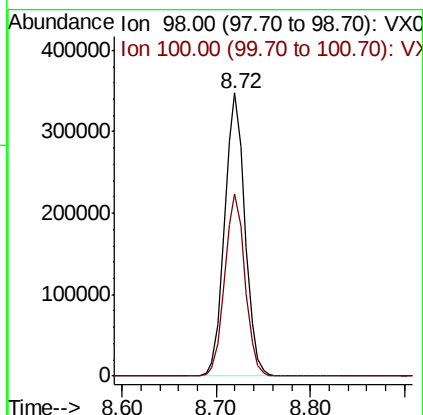
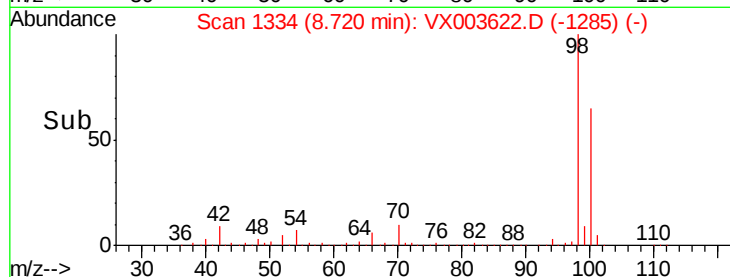
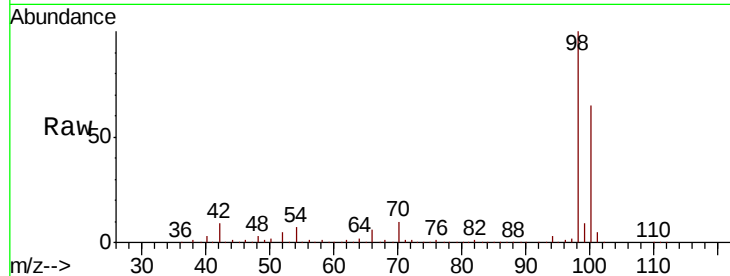




#50
Toluene-d8
Concen: 49.57 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003622.D
Acq: 24 Jul 2018 00:29

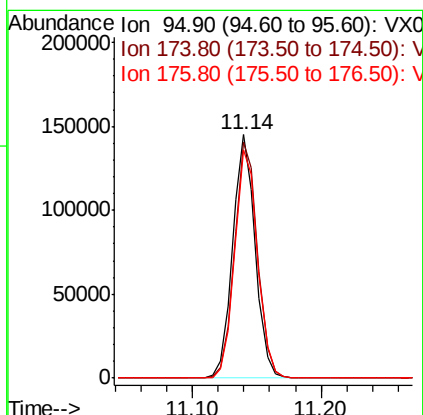
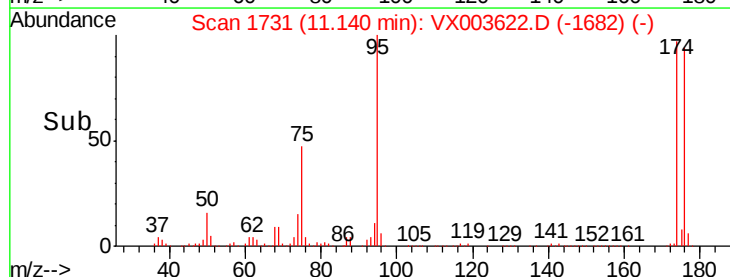
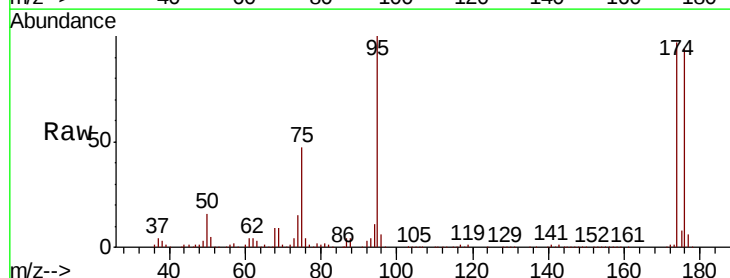
Instrument :
MSVOA_X
ClientSampleId :
FB02-071718

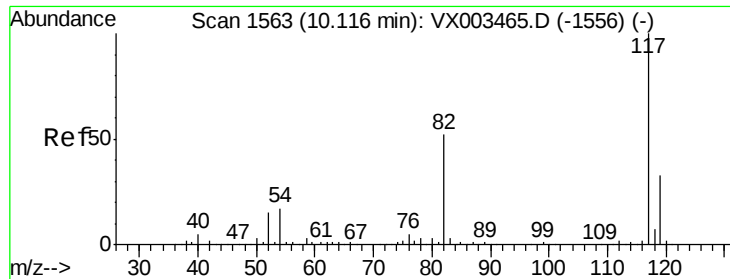
Tot Ion: 98 Resp: 519180
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 46.27 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003622.D
Acq: 24 Jul 2018 00:29

Tgt Ion: 95 Resp: 176838
Ion Ratio Lower Upper
95 100
174 99.3 0.0 187.4
176 96.0 0.0 181.0

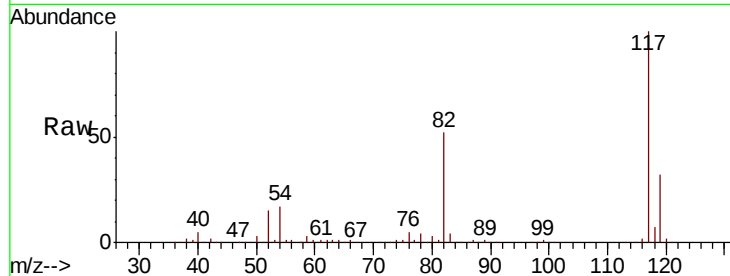




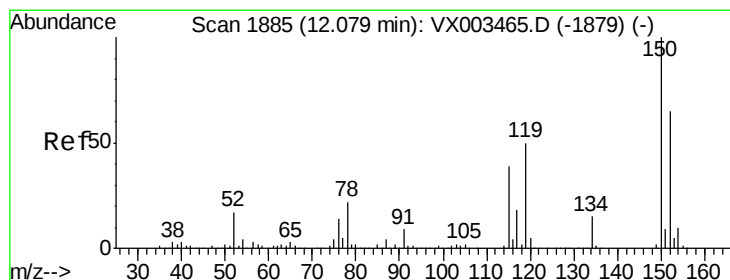
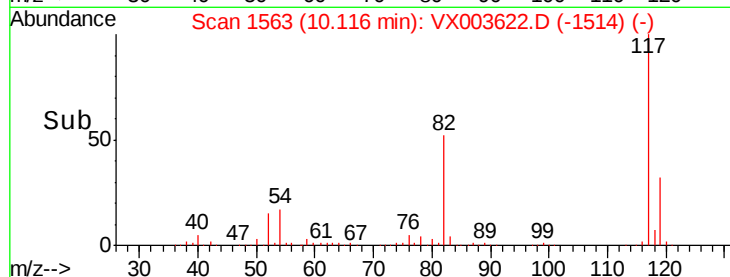
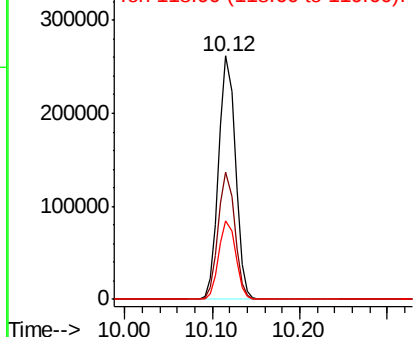
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003622.D
Acq: 24 Jul 2018 00:29

Instrument :
MSVOA_X
ClientSampleId :
FB02-071718

Tot Ion:117 Resp: 347344
Ion Ratio Lower Upper
117 100
82 52.4 45.0 67.4
119 32.3 25.8 38.6

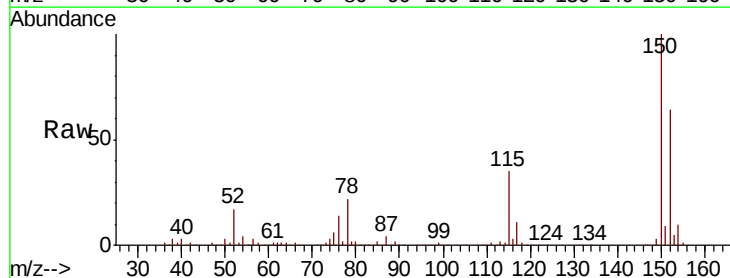


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX003622.D
Acq: 24 Jul 2018 00:29

Tgt Ion:152 Resp: 192614
Ion Ratio Lower Upper
152 100
115 53.2 40.1 120.2
150 156.3 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

