

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101818\
 Data File : VX005432.D
 Acq On : 18 Oct 2018 16:10
 Operator : JC/MD
 Sample : J5202-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PL-03-101718-B

Quant Time: Oct 19 04:50:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

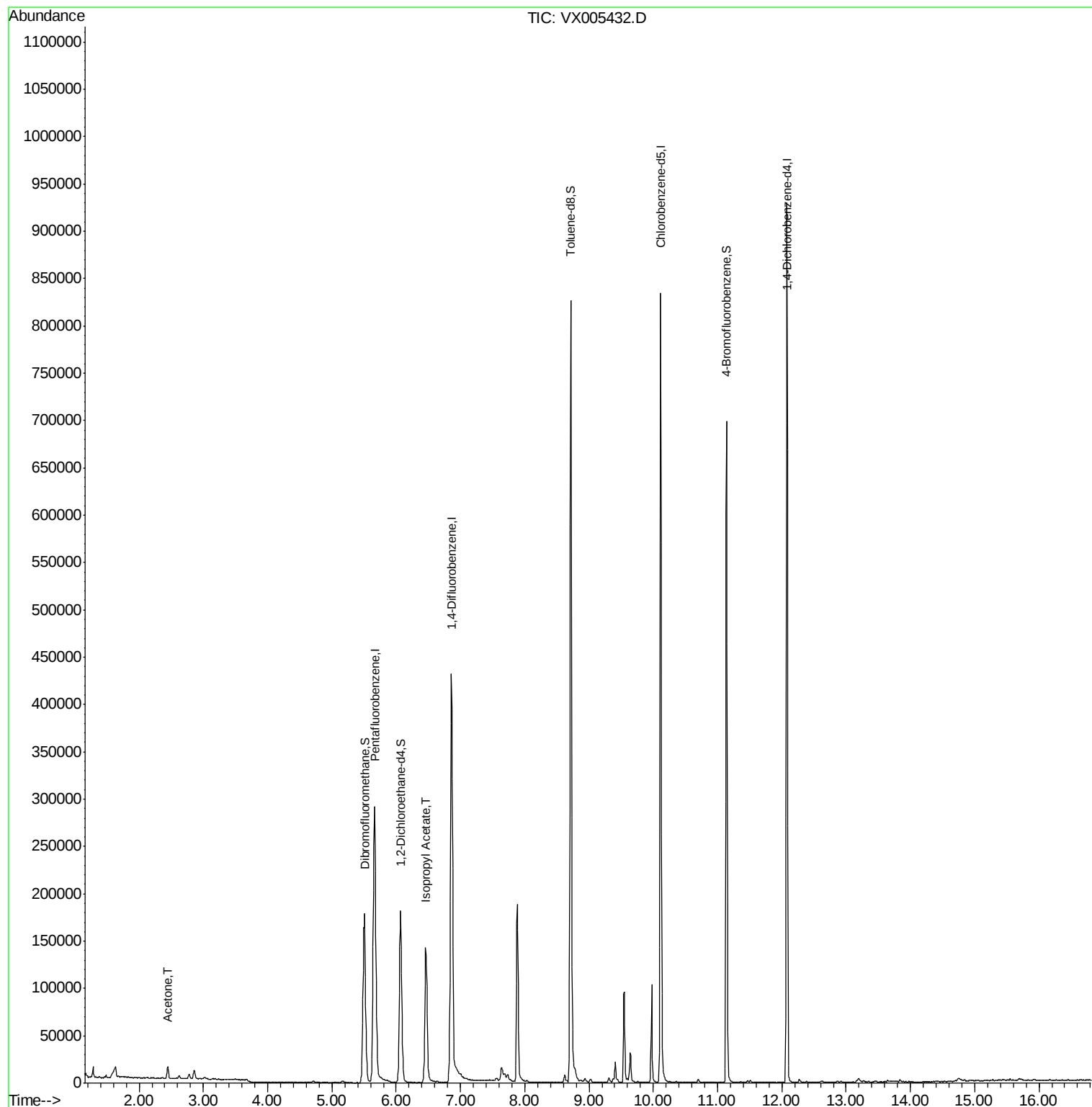
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	324605	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	457687	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	401986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192504	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	169144	46.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.90%	
35) Dibromofluoromethane	5.51	113	149762	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
50) Toluene-d8	8.71	98	536980	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.20%	
62) 4-Bromofluorobenzene	11.14	95	177144	45.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.62%	
Target Compounds						
16) Acetone	2.45	43	12805	6.147	ug/l	96
43) Isopropyl Acetate	6.46	43	185127	24.379	ug/l	99

(#) = 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# 741

Delta R.T. 0.01 min

Lab File: VX005432.D

Acq: 18 Oct 2018 16:10

Instrument :

MSVOA_X

ClientSampleId :

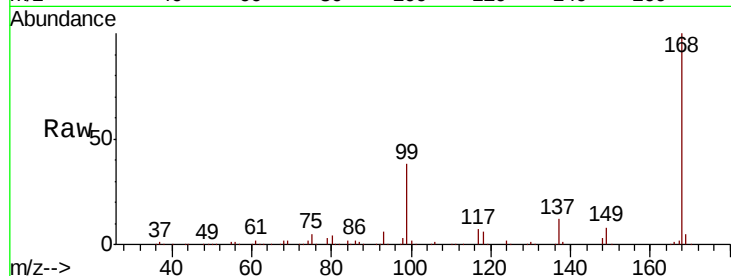
PL-03-101718-B

Tot Ion:168 Resp: 324605

Ion Ratio Lower Upper

168 100

99 38.0 39.9 59.9#



Abundance Ion 167.90 (167.60 to 168.60): VX005284.D (-726) (-)

Ion 98.90 (98.60 to 99.60): VX005284.D (-726) (-)

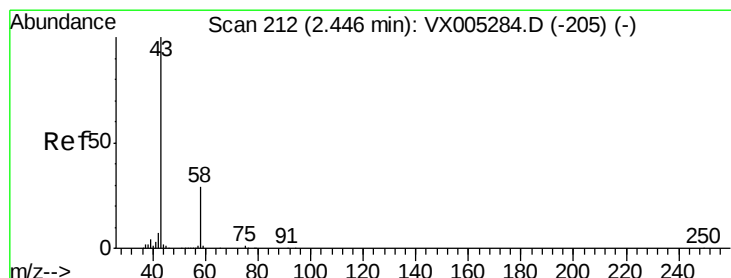
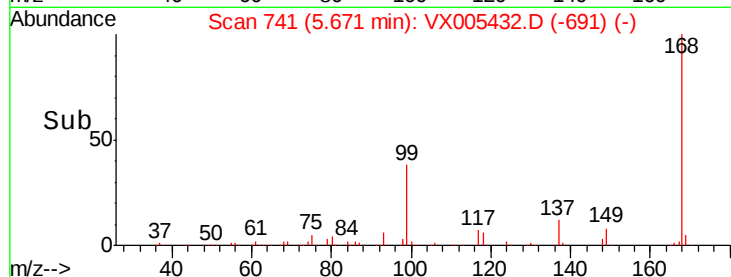
5.67

100000

50000

0

Time-->



#16

Acetone

Concen: 6.147 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005432.D

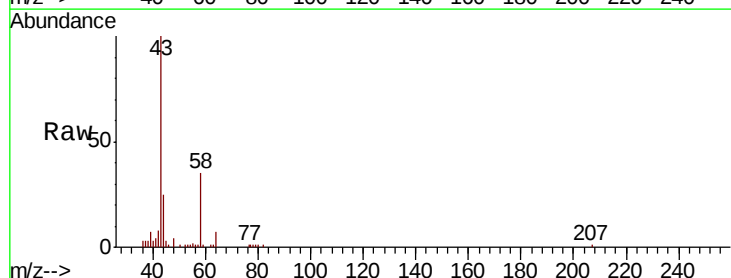
Acq: 18 Oct 2018 16:10

Tgt Ion: 43 Resp: 12805

Ion Ratio Lower Upper

43 100

58 34.9 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX005284.D (-205) (-)

Ion 58.00 (57.70 to 58.70): VX005284.D (-205) (-)

2.45

8000

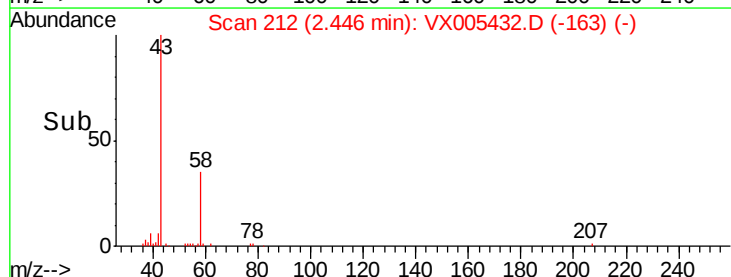
6000

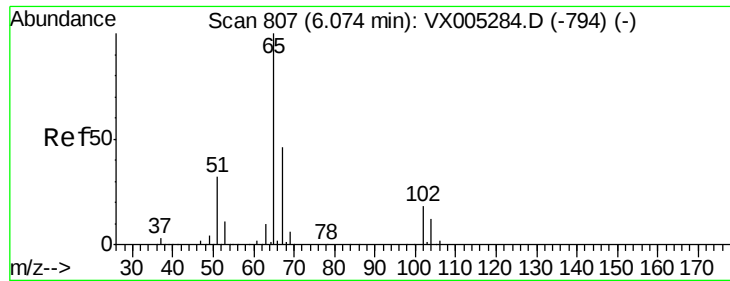
4000

2000

0

Time-->

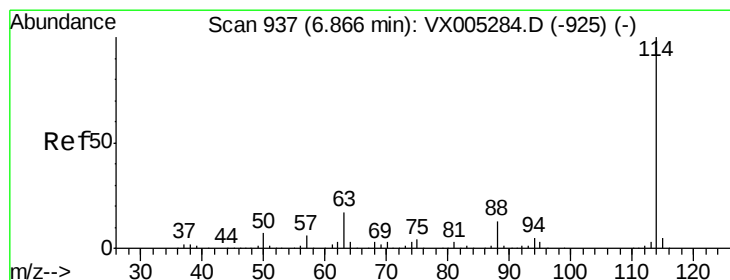
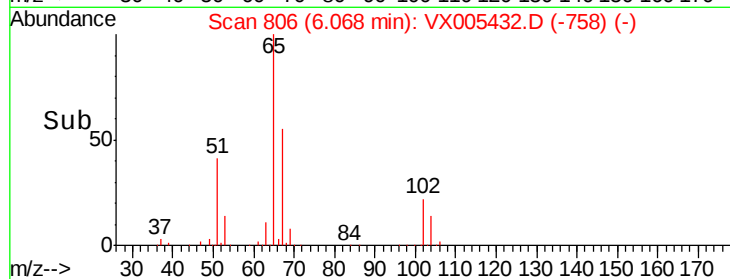
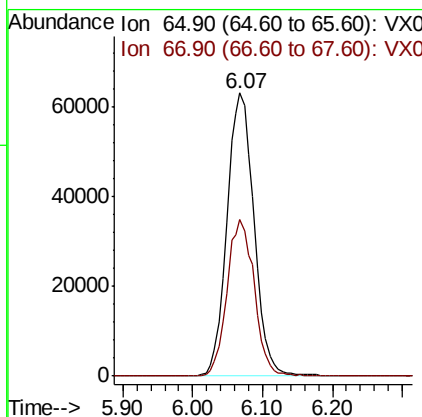
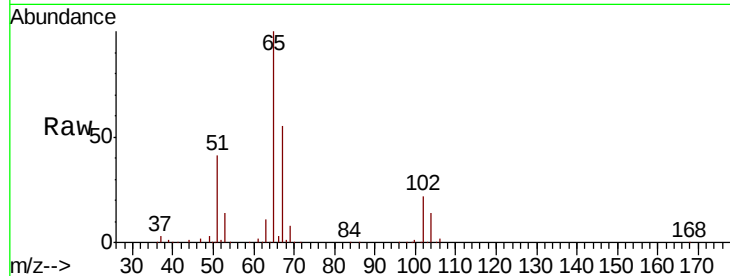




#33
 1,2-Dichloroethane-d4
 Concen: 46.950 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX005432.D
 Acq: 18 Oct 2018 16:10

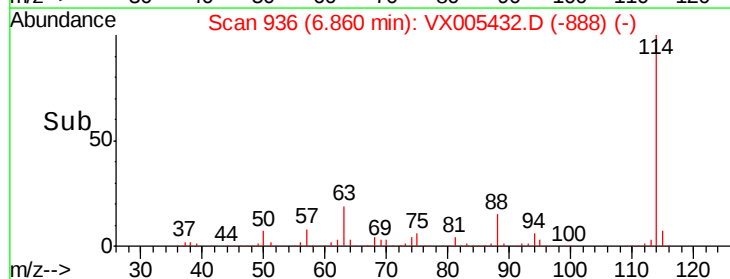
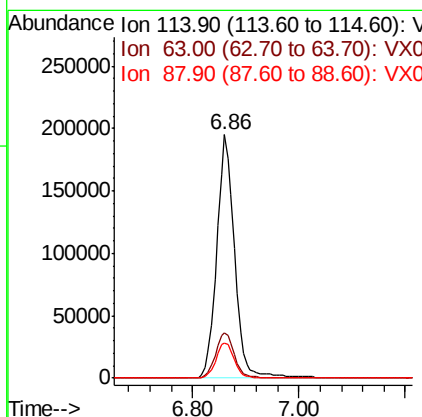
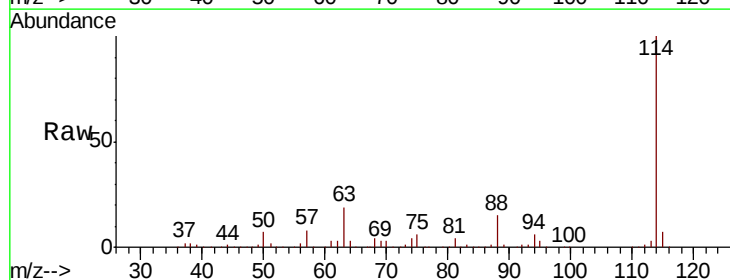
Instrument :
 MSVOA_X
 ClientSampleId :
 PL-03-101718-B

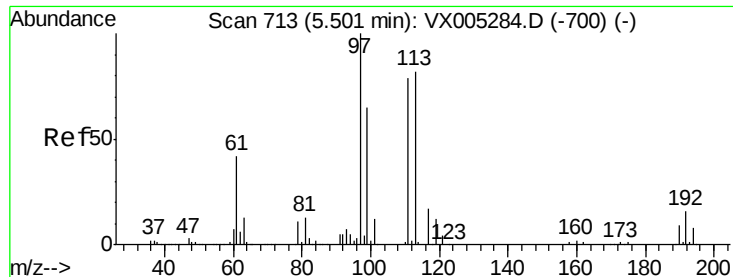
Tot Ion: 65 Resp: 169144
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005432.D
 Acq: 18 Oct 2018 16:10

Tgt Ion: 114 Resp: 457687
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.0
 88 14.5 0.0 30.4





#35

Dibromofluoromethane

Concen: 49.404 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005432.D

Acq: 18 Oct 2018 16:10

Instrument :

MSVOA_X

ClientSampleId :

PL-03-101718-B

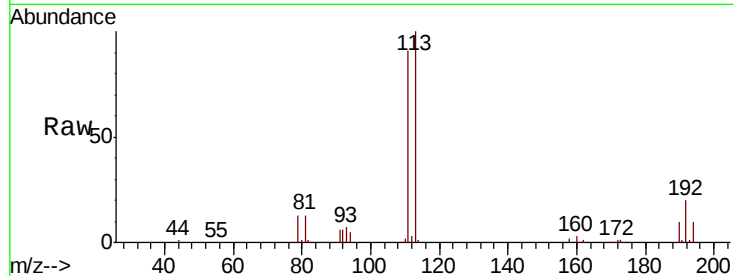
Tot Ion:113 Resp: 149762

Ion Ratio Lower Upper

113 100

111 98.2 82.4 123.6

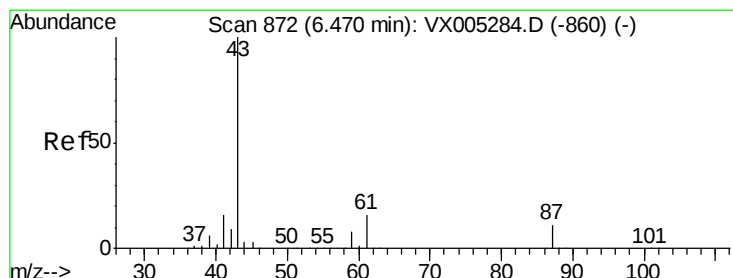
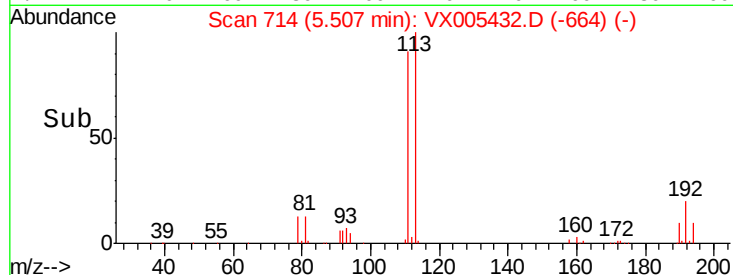
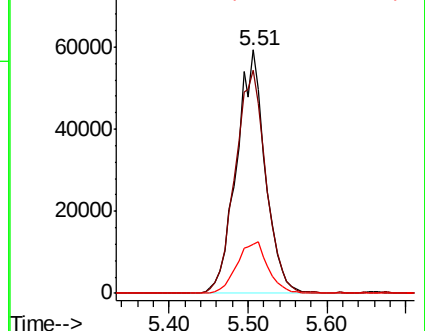
192 23.0 19.4 29.2



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



#43

Isopropyl Acetate

Concen: 24.379 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX005432.D

Acq: 18 Oct 2018 16:10

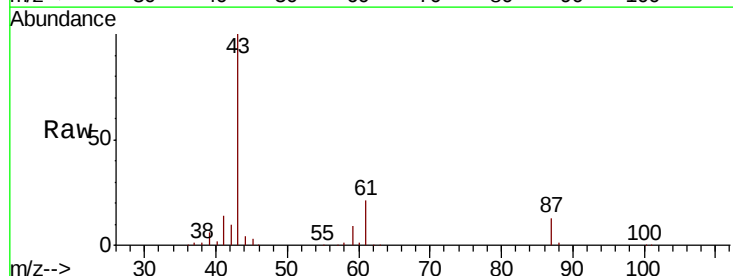
Tgt Ion: 43 Resp: 185127

Ion Ratio Lower Upper

43 100

61 20.9 17.0 25.4

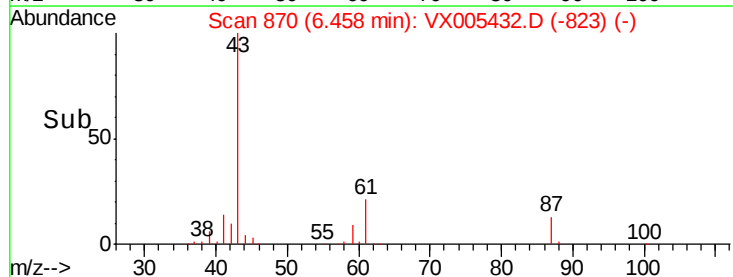
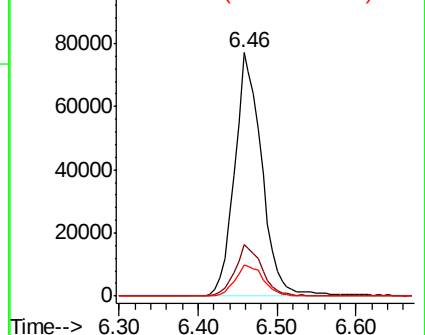
87 13.4 11.4 17.2

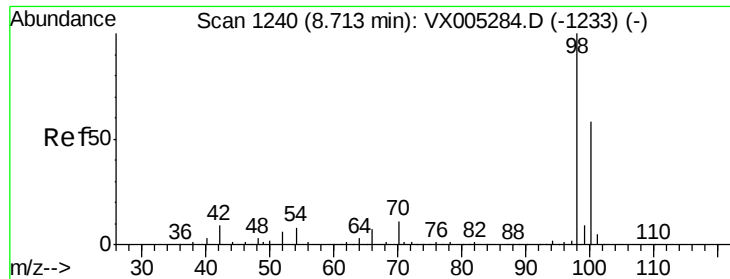


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 51.598 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005432.D

Acq: 18 Oct 2018 16:10

Instrument :

MSVOA_X

ClientSampleId :

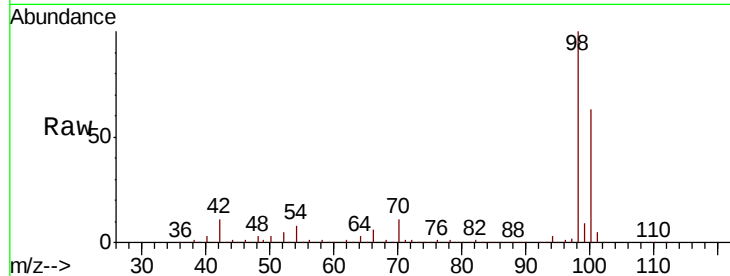
PL-03-101718-B

Tot Ion: 98 Resp: 536980

Ion Ratio Lower Upper

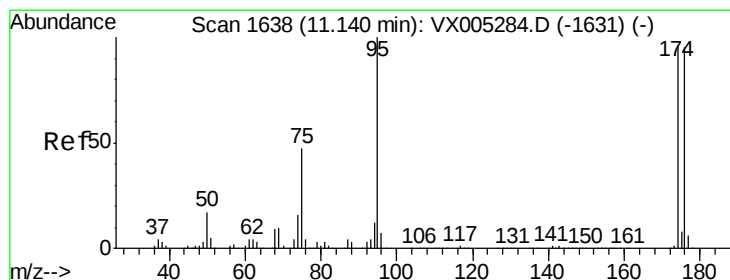
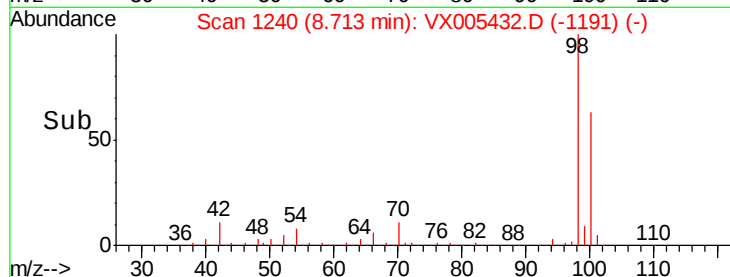
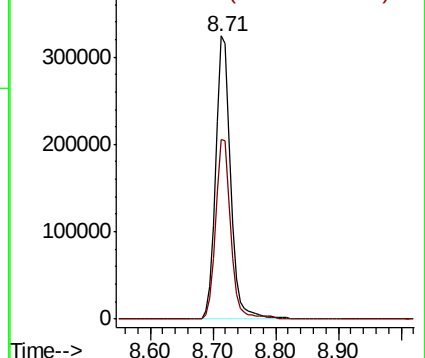
98 100

100 63.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 45.311 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005432.D

Acq: 18 Oct 2018 16:10

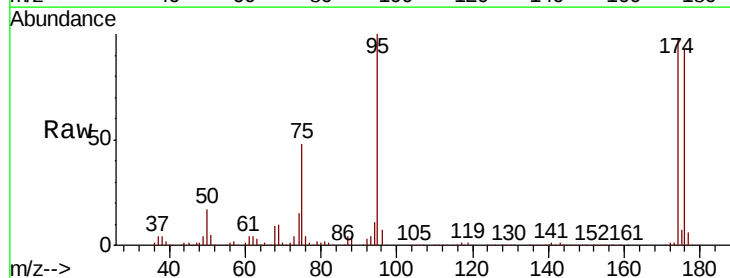
Tgt Ion: 95 Resp: 177144

Ion Ratio Lower Upper

95 100

174 95.9 0.0 185.2

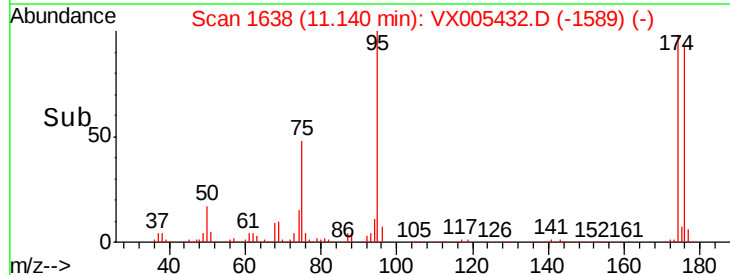
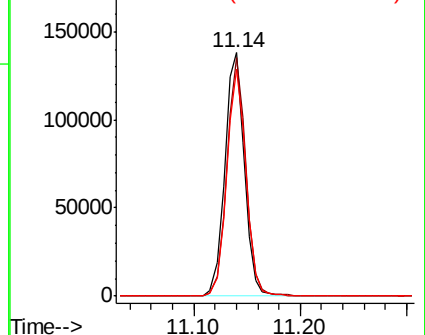
176 92.1 0.0 178.6

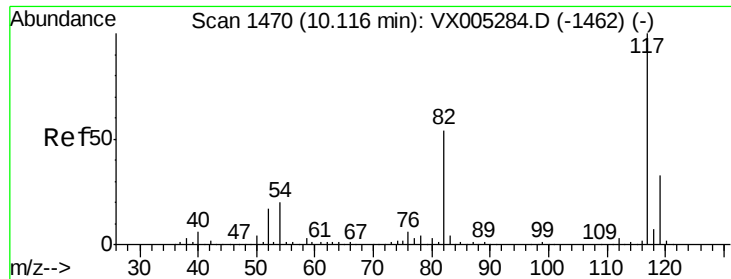


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

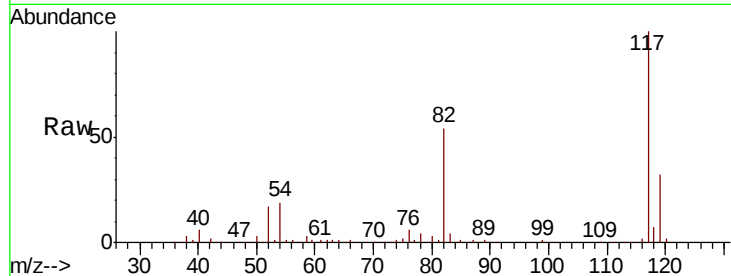




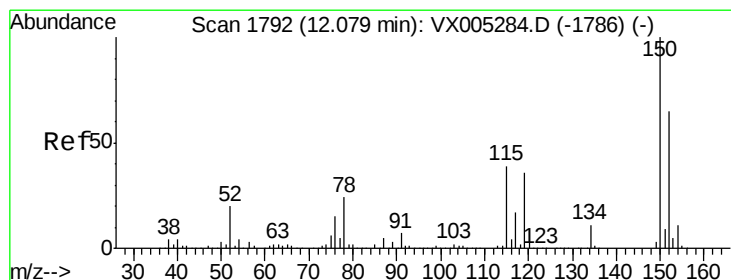
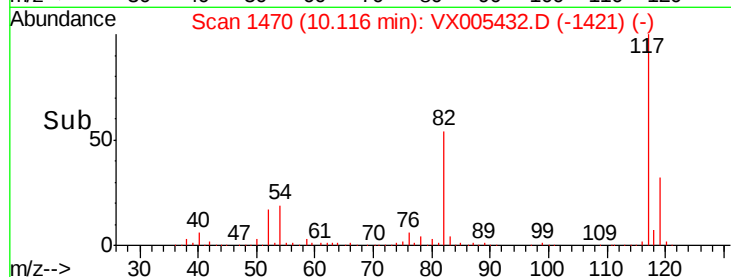
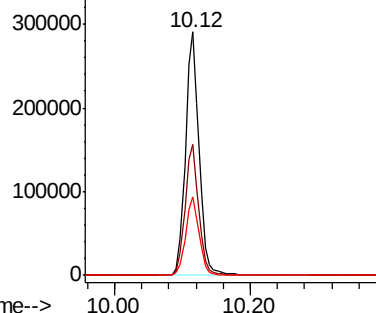
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005432.D
Acq: 18 Oct 2018 16:10

Instrument :
MSVOA_X
ClientSampleId :
PL-03-101718-B

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	47.8	71.6
119	32.3	29.3	43.9

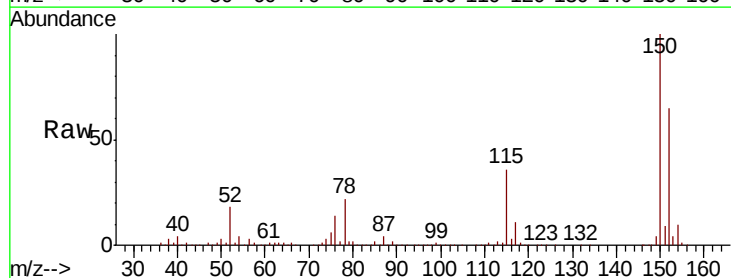


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005432.D
Acq: 18 Oct 2018 16:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.4	39.0	117.0
150	156.2	0.0	351.0



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

