

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101518\
 Data File : VX005341.D
 Acq On : 15 Oct 2018 14:08
 Operator : JC/MD
 Sample : J5472-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB101018

Quant Time: Oct 16 12:09:30 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	272106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	382485	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	347203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166672	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	154404	51.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.26%	
35) Dibromofluoromethane	5.50	113	124355	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
50) Toluene-d8	8.71	98	462274	53.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.30%	
62) 4-Bromofluorobenzene	11.14	95	149712	45.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.64%	

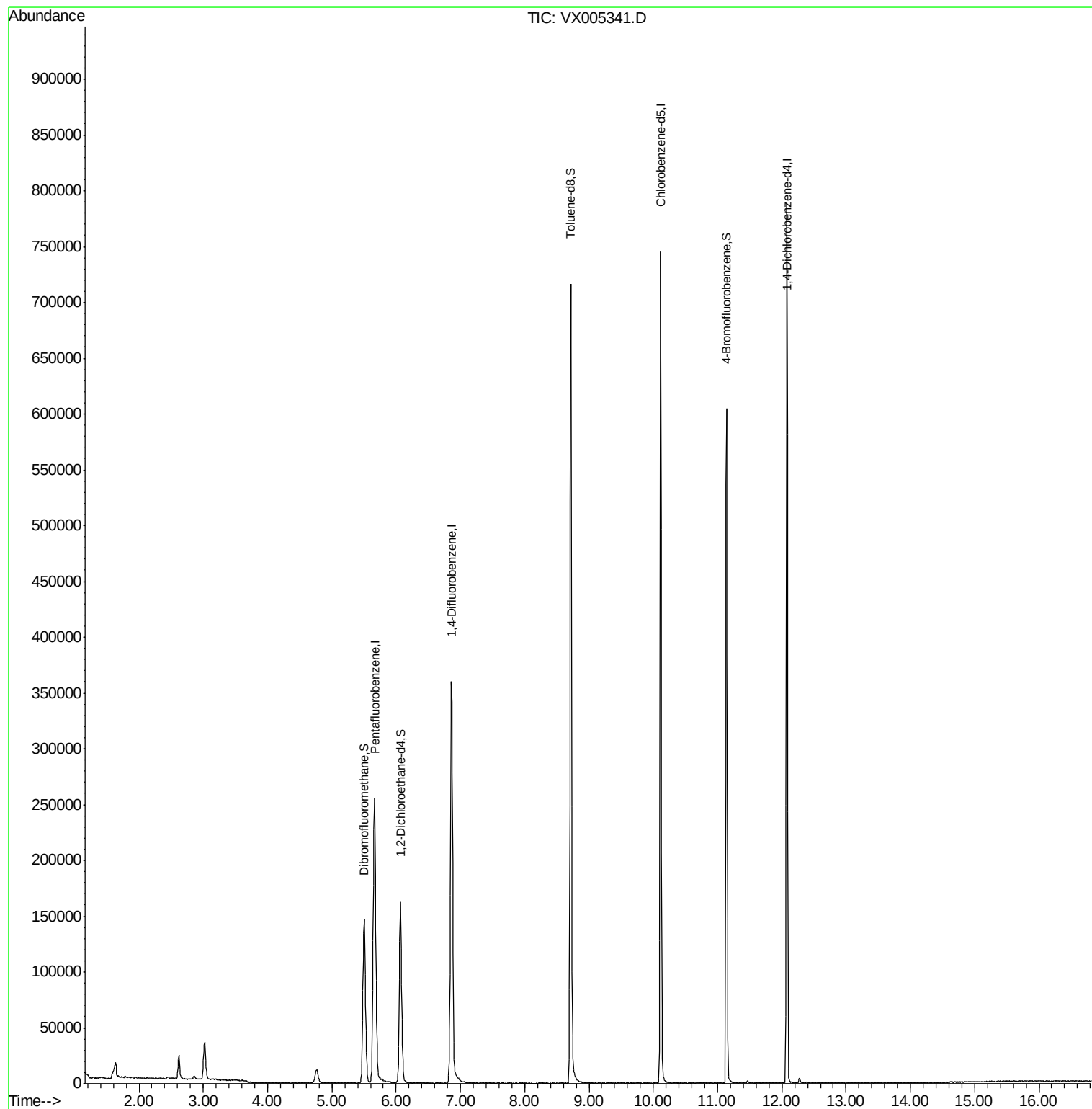
Target Compounds	Qvalue

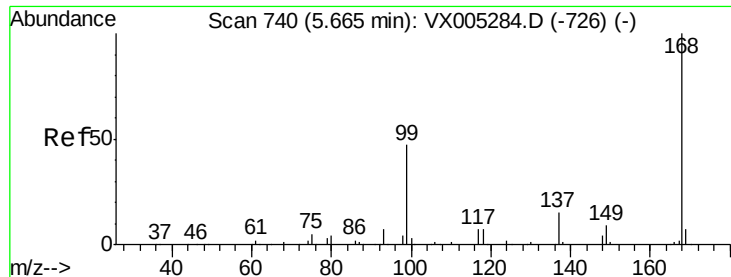
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX005341.D

Acq: 15 Oct 2018 14:08

Instrument :

MSVOA_X

ClientSampleId :

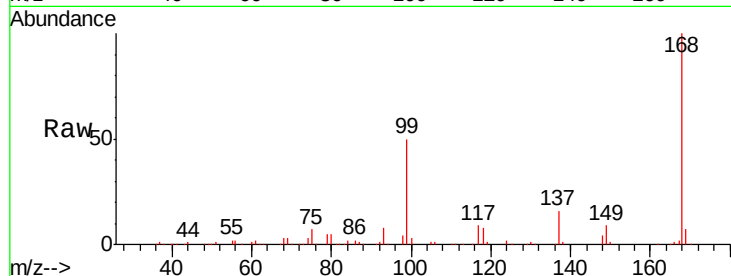
FB101018

Tgt Ion:168 Resp: 272106

Ion Ratio Lower Upper

168 100

99 49.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

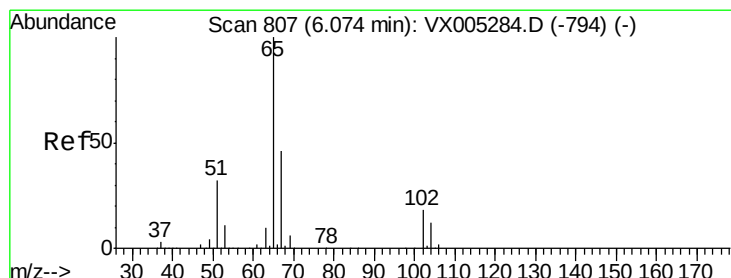
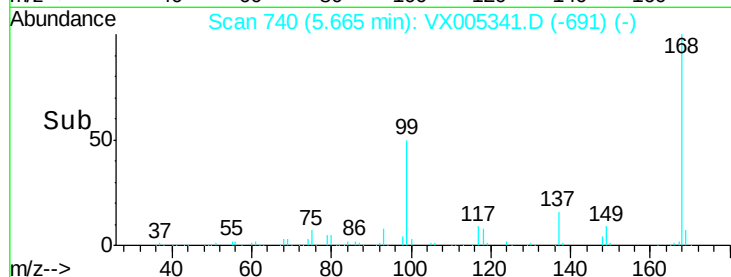
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.13 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX005341.D

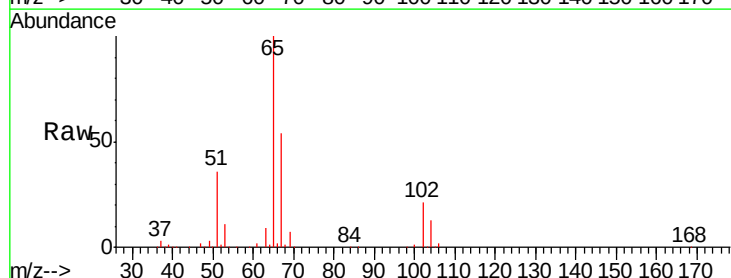
Acq: 15 Oct 2018 14:08

Tgt Ion: 65 Resp: 154404

Ion Ratio Lower Upper

65 100

67 53.5 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

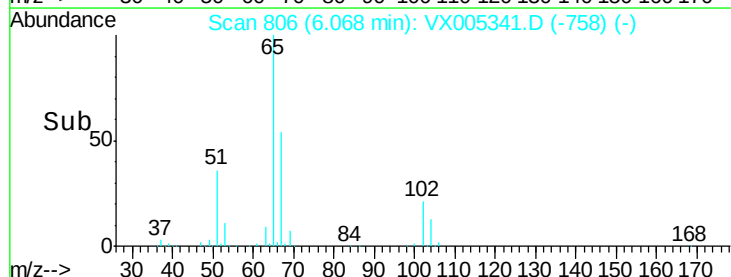
60000

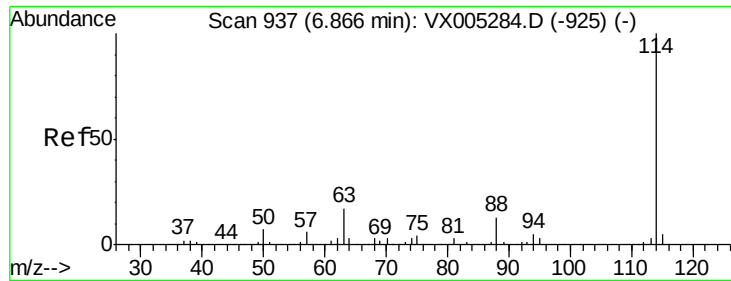
40000

20000

0

Time-->

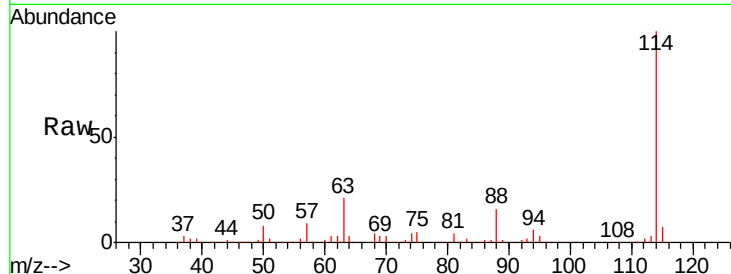




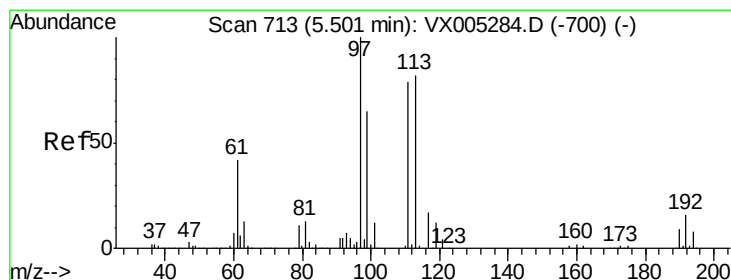
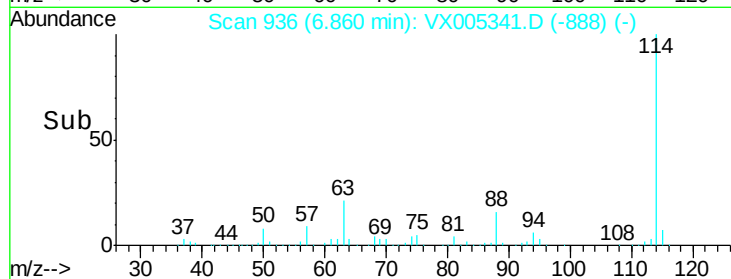
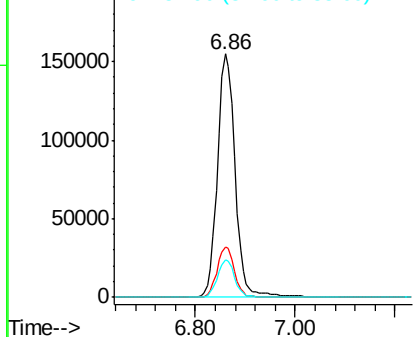
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005341.D
 Acq: 15 Oct 2018 14:08

Instrument :
 MSVOA_X
 ClientSampleId :
 FB101018

Tgt Ion:114 Resp: 382485
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.0
 88 15.5 0.0 30.4

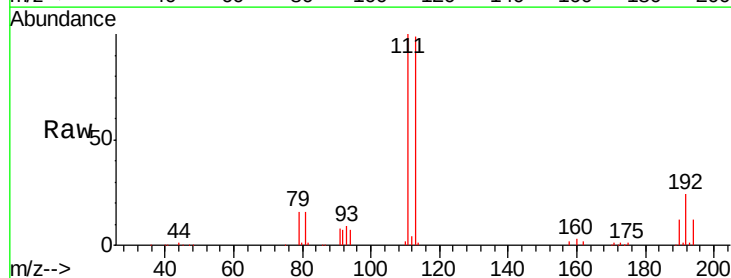


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

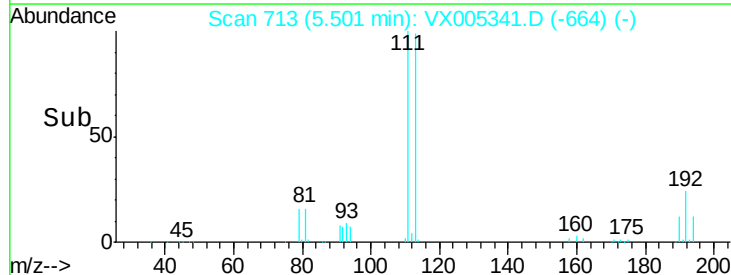
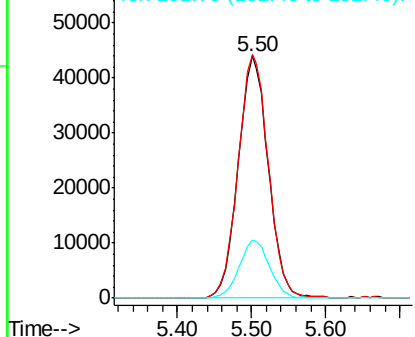


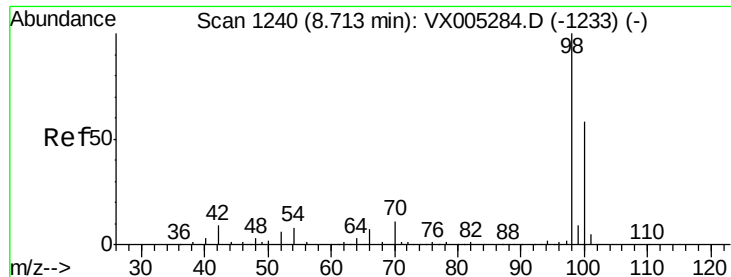
#35
 Dibromofluoromethane
 Concen: 49.09 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX005341.D
 Acq: 15 Oct 2018 14:08

Tgt Ion:113 Resp: 124355
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.4 123.6
 192 24.3 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





#50

Toluene-d8

Concen: 53.15 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX005341.D

Acq: 15 Oct 2018 14:08

Instrument :

MSVOA_X

ClientSampleId :

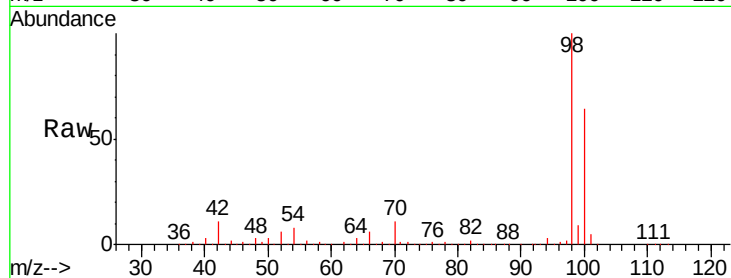
FB101018

Tgt Ion: 98 Resp: 462274

Ion Ratio Lower Upper

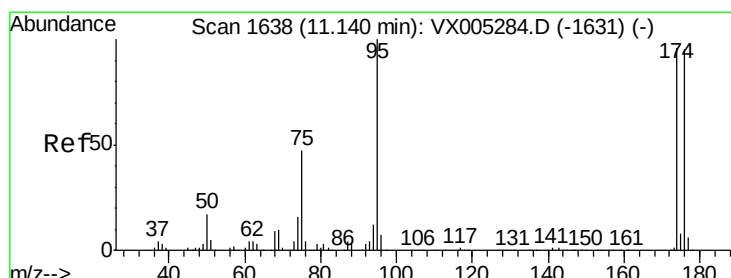
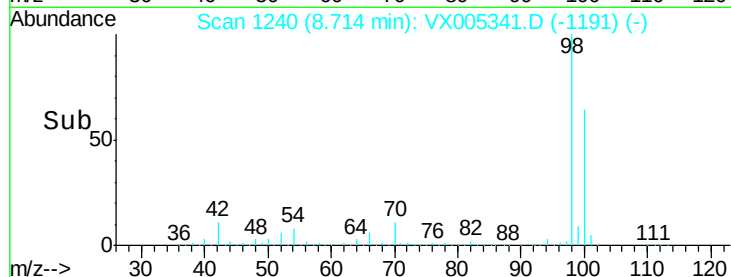
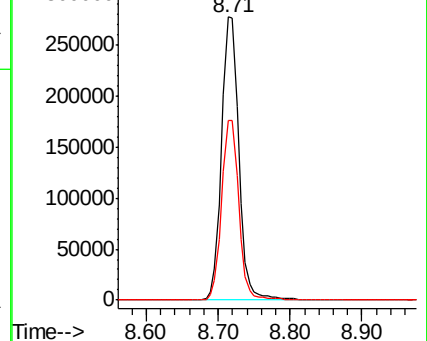
98 100

100 63.3 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: 45.82 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005341.D

Acq: 15 Oct 2018 14:08

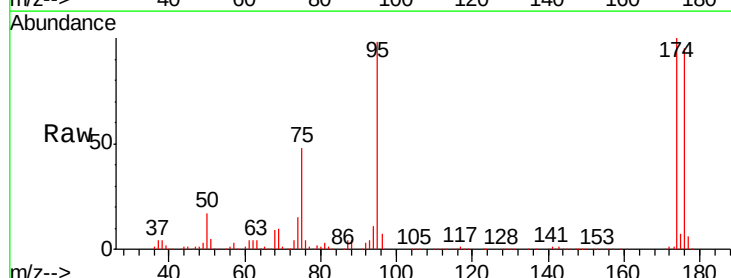
Tgt Ion: 95 Resp: 149712

Ion Ratio Lower Upper

95 100

174 97.3 0.0 185.2

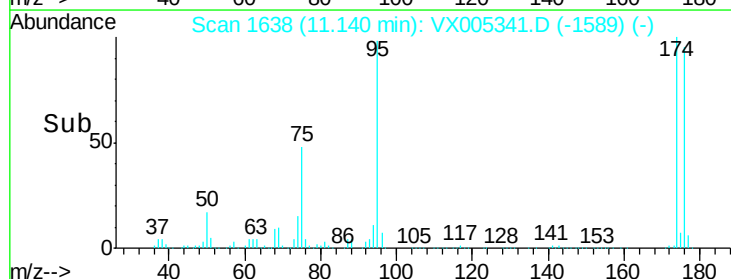
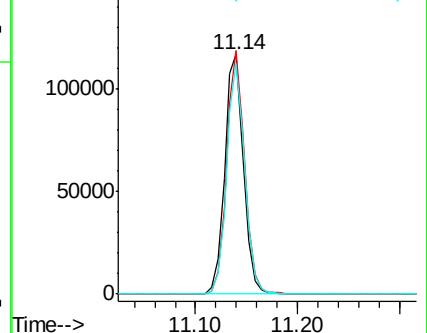
176 92.5 0.0 178.6

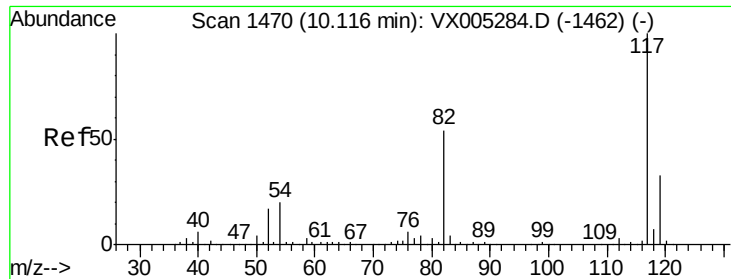


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

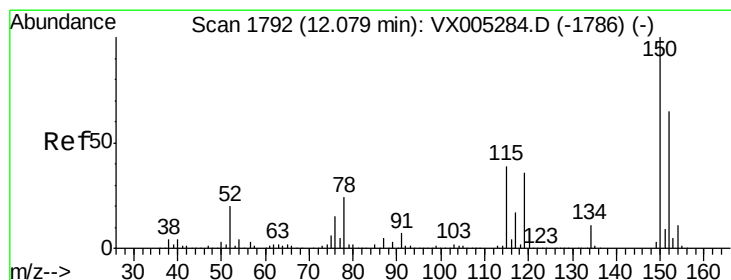
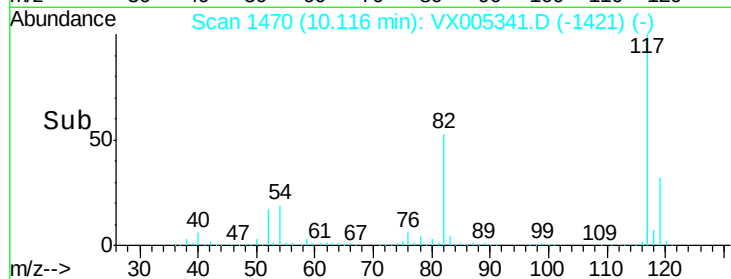
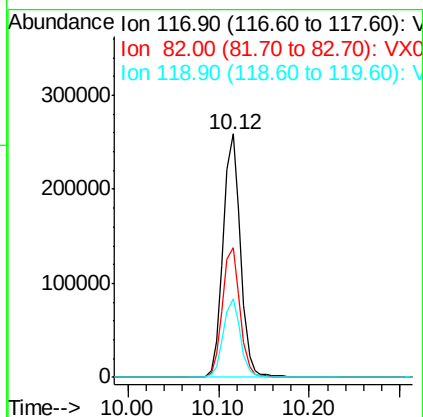
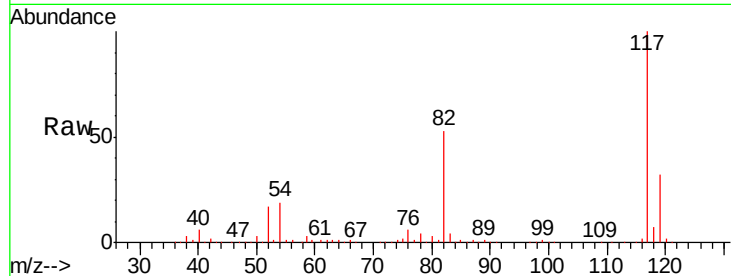




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005341.D
Acq: 15 Oct 2018 14:08

Instrument :
MSVOA_X
ClientSampleId :
FB101018

Tgt Ion:117 Resp: 347203
Ion Ratio Lower Upper
117 100
82 53.1 47.8 71.6
119 32.4 29.3 43.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005341.D
Acq: 15 Oct 2018 14:08

Tgt Ion:152 Resp: 166672
Ion Ratio Lower Upper
152 100
115 54.4 39.0 117.0
150 156.4 0.0 351.0

