

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112618\
 Data File : VX006174.D
 Acq On : 26 Nov 2018 14:45
 Operator : JC/MD
 Sample : J6059-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-181120

Quant Time: Nov 27 09:25:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	316163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	469177	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	424888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199789	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	199455	54.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.88%	
35) Dibromofluoromethane	5.50	113	161177	53.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.04%	
50) Toluene-d8	8.71	98	568260	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
62) 4-Bromofluorobenzene	11.14	95	185463	43.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.06%	

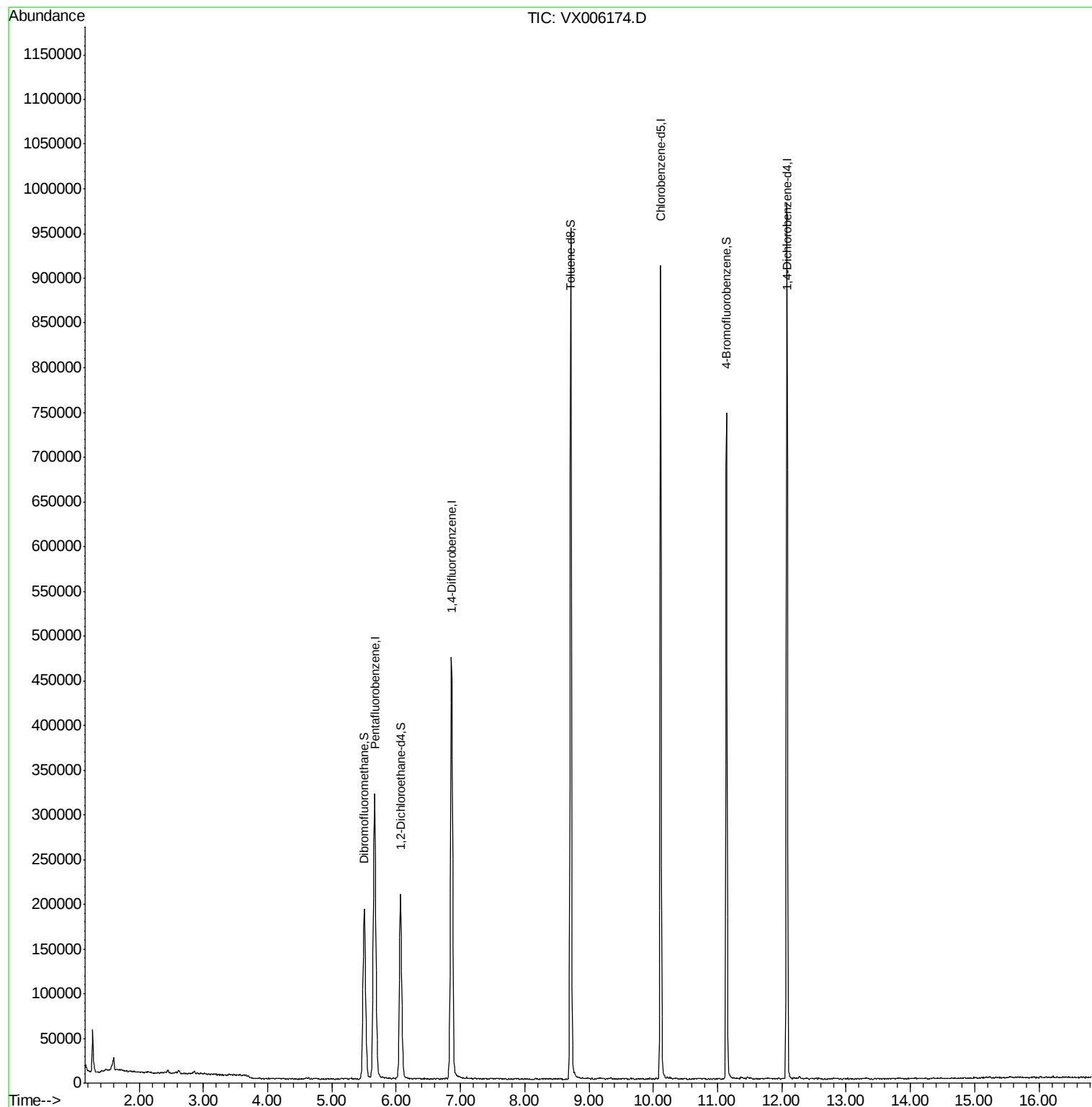
Target Compounds	Qvalue
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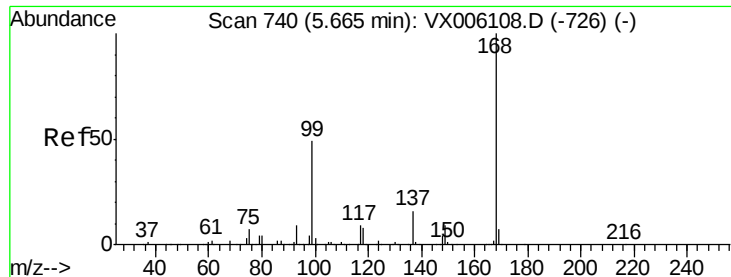
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006174.D

Acq: 26 Nov 2018 14:45

Instrument :

MSVOA_X

ClientSampled :

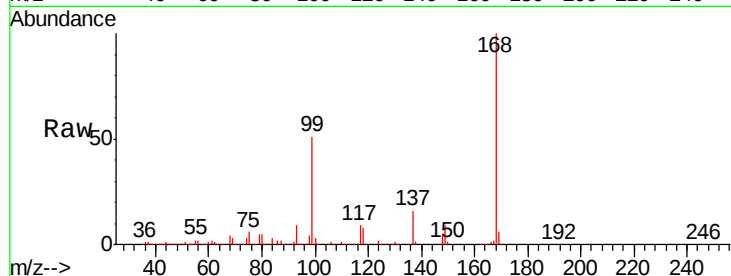
TB-01-181120

Tgt Ion:168 Resp: 316163

Ion Ratio Lower Upper

168 100

99 50.8 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

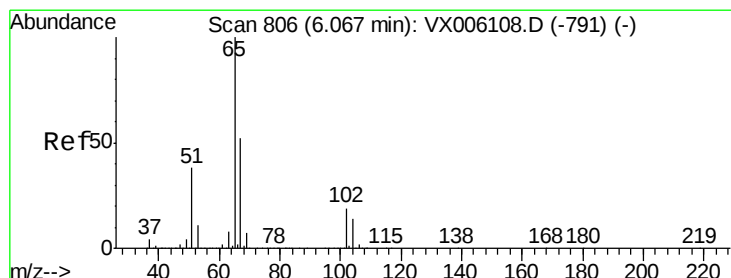
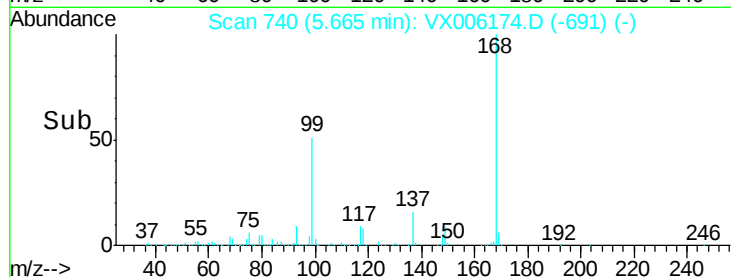
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 54.44 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006174.D

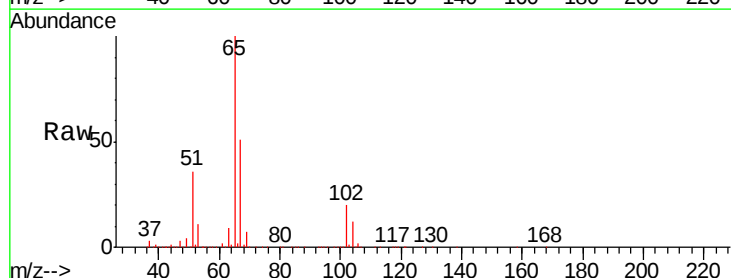
Acq: 26 Nov 2018 14:45

Tgt Ion: 65 Resp: 199455

Ion Ratio Lower Upper

65 100

67 52.0 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

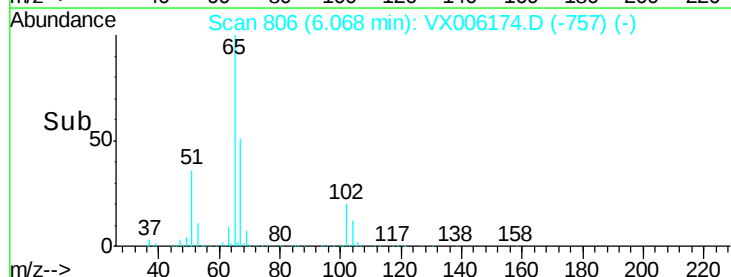
60000

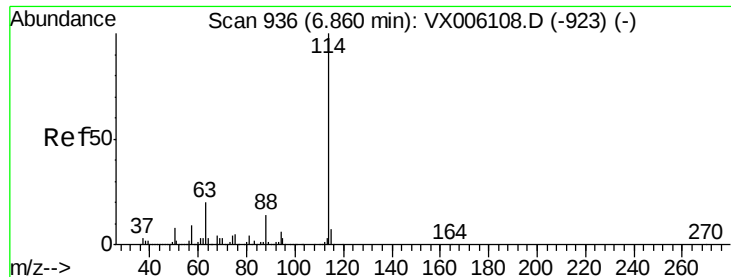
40000

20000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006174.D

Acq: 26 Nov 2018 14:45

Instrument :

MSVOA_X

ClientSampled :

TB-01-181120

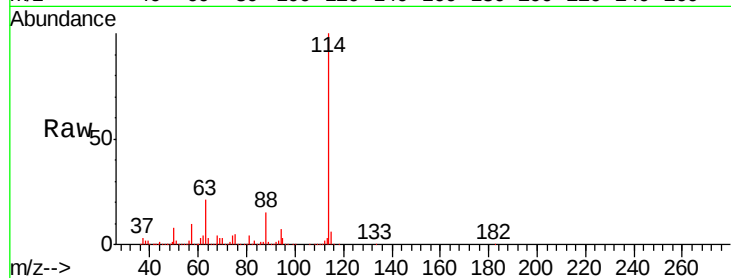
Tgt Ion:114 Resp: 469177

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.2

88 15.0 0.0 28.6



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

250000

200000

150000

100000

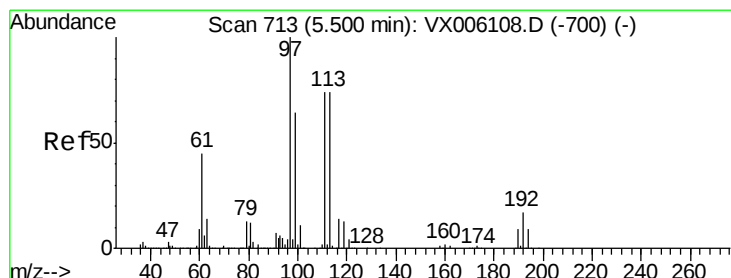
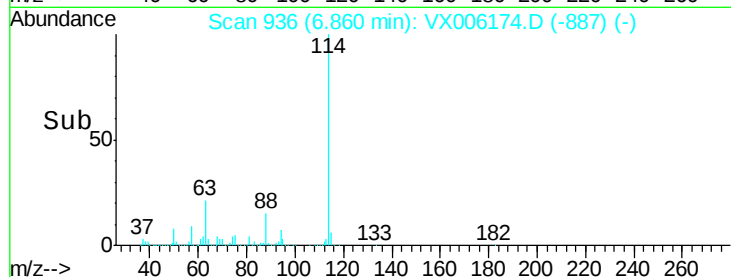
50000

0

6.86

6.70 6.80 6.90 7.00 7.10

Time-->



#35

Dibromofluoromethane

Concen: 53.52 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006174.D

Acq: 26 Nov 2018 14:45

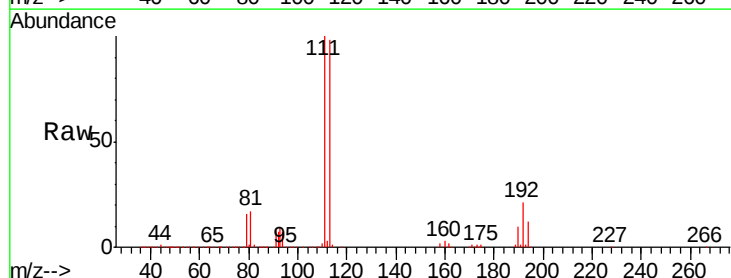
Tgt Ion:113 Resp: 161177

Ion Ratio Lower Upper

113 100

111 101.6 81.5 122.3

192 23.0 18.6 28.0



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

80000

60000

40000

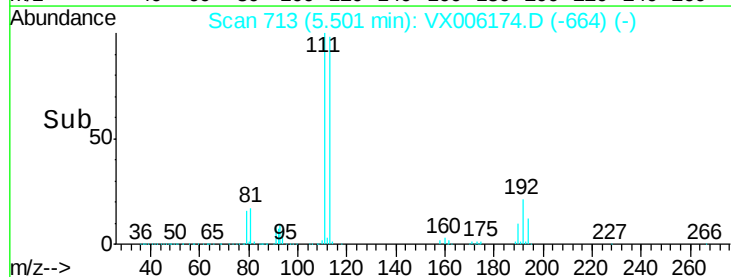
20000

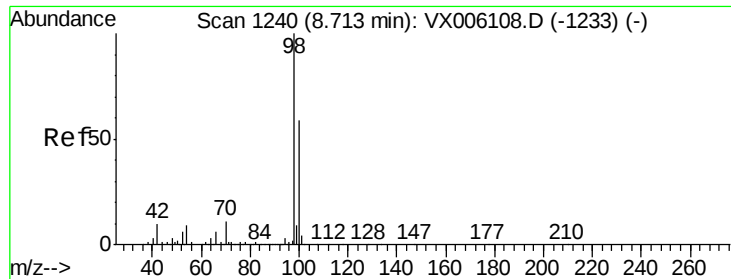
0

5.50

5.40 5.50 5.60

Time-->





#50

Toluene-d8

Concen: 49.47 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006174.D

Acq: 26 Nov 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

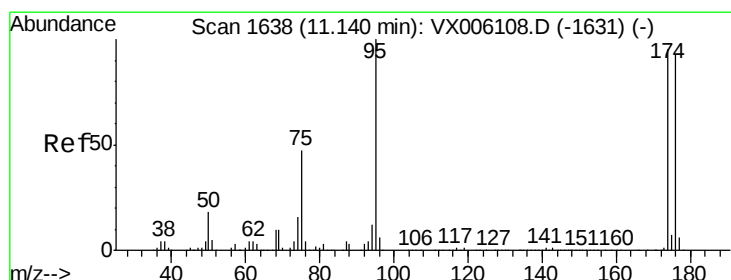
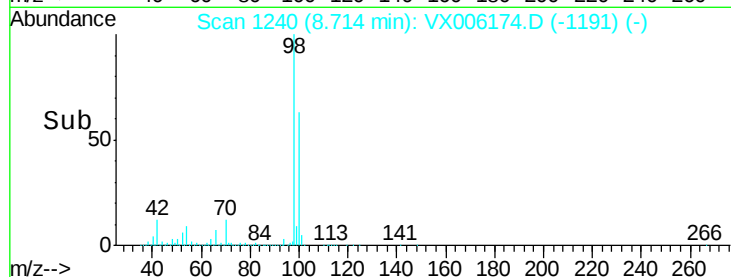
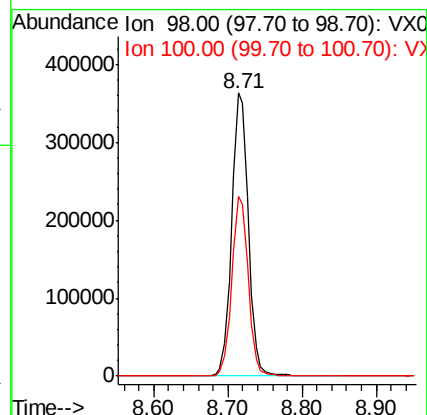
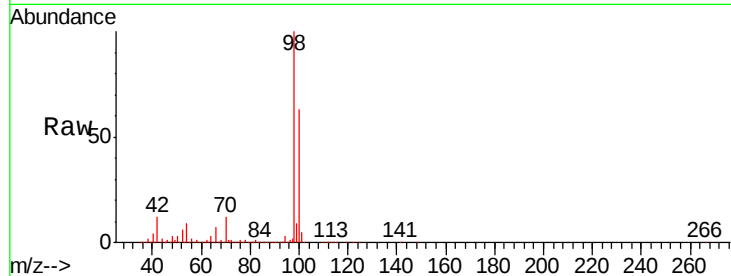
TB-01-181120

Tgt Ion: 98 Resp: 568260

Ion Ratio Lower Upper

98 100

100 62.7 51.0 76.4



#62

4-Bromofluorobenzene

Concen: 43.03 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006174.D

Acq: 26 Nov 2018 14:45

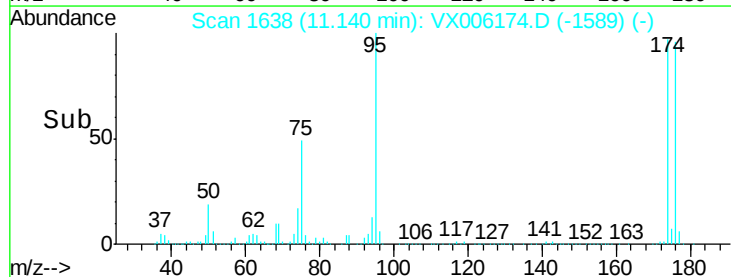
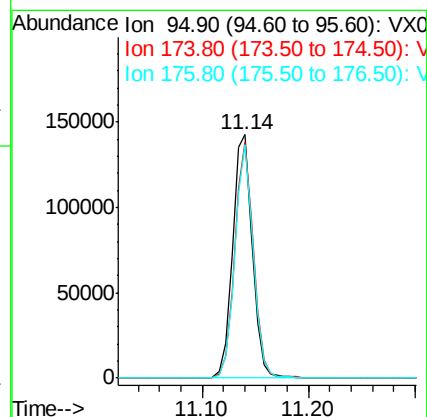
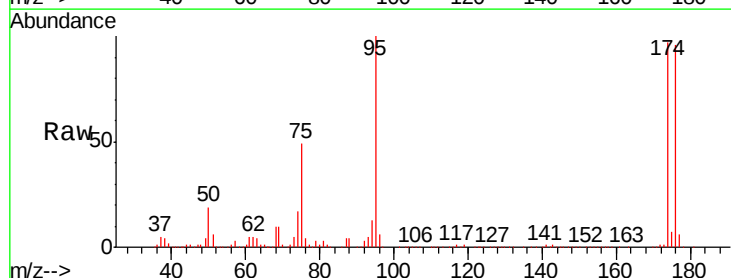
Tgt Ion: 95 Resp: 185463

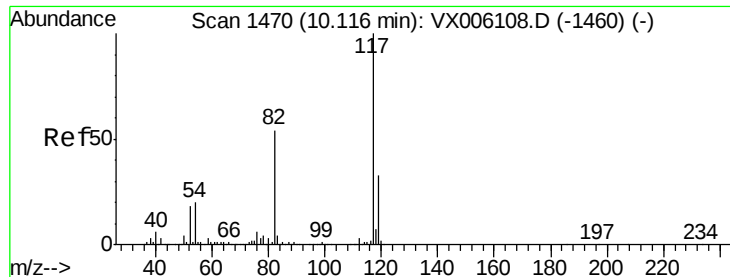
Ion Ratio Lower Upper

95 100

174 92.2 0.0 184.4

176 89.7 0.0 179.0

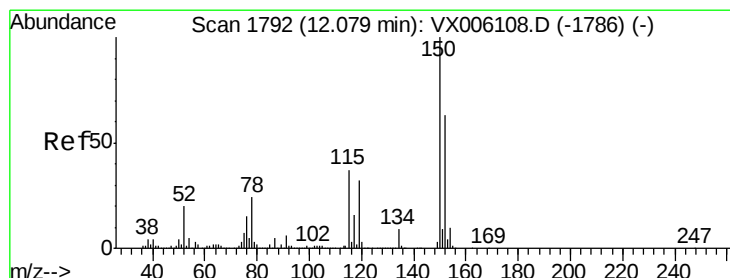
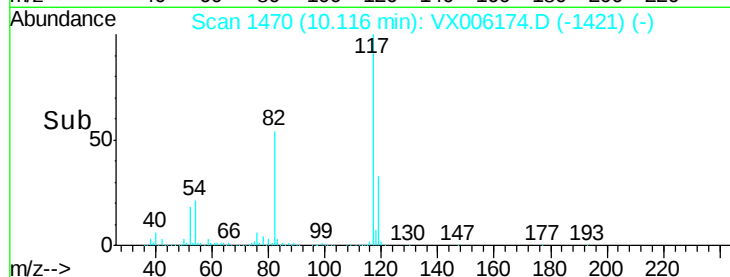
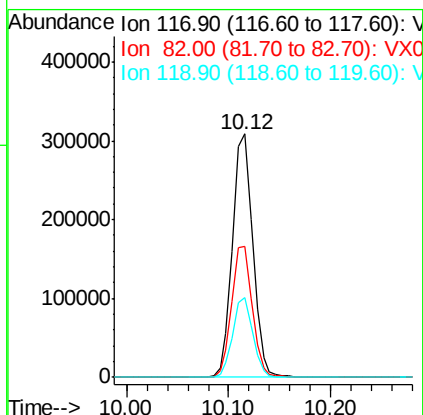
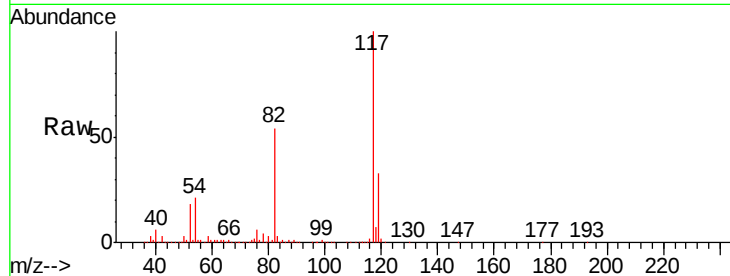




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006174.D
Acq: 26 Nov 2018 14:45

Instrument :
MSVOA_X
ClientSampleId :
TB-01-181120

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.0	64.4
119	32.8	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006174.D
Acq: 26 Nov 2018 14:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	39.0	116.9
150	158.4	0.0	346.6

