

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081318\
 Data File : VX003997.D
 Acq On : 13 Aug 2018 13:55
 Operator : JC/MD
 Sample : J4429-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-TB-2018-6

Quant Time: Aug 14 12:59:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 13 01:34:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	315215	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	519084	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	460693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	252439	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	225130	53.88	ug/l	0.00
Spiked Amount						
			Recovery	=	107.76%	
35) Dibromofluoromethane	5.51	113	194944	49.57	ug/l	0.00
Spiked Amount						
			Recovery	=	99.14%	
50) Toluene-d8	8.72	98	735511	48.10	ug/l	0.00
Spiked Amount						
			Recovery	=	96.20%	
62) 4-Bromofluorobenzene	11.14	95	245701	49.65	ug/l	0.00
Spiked Amount						
			Recovery	=	99.30%	

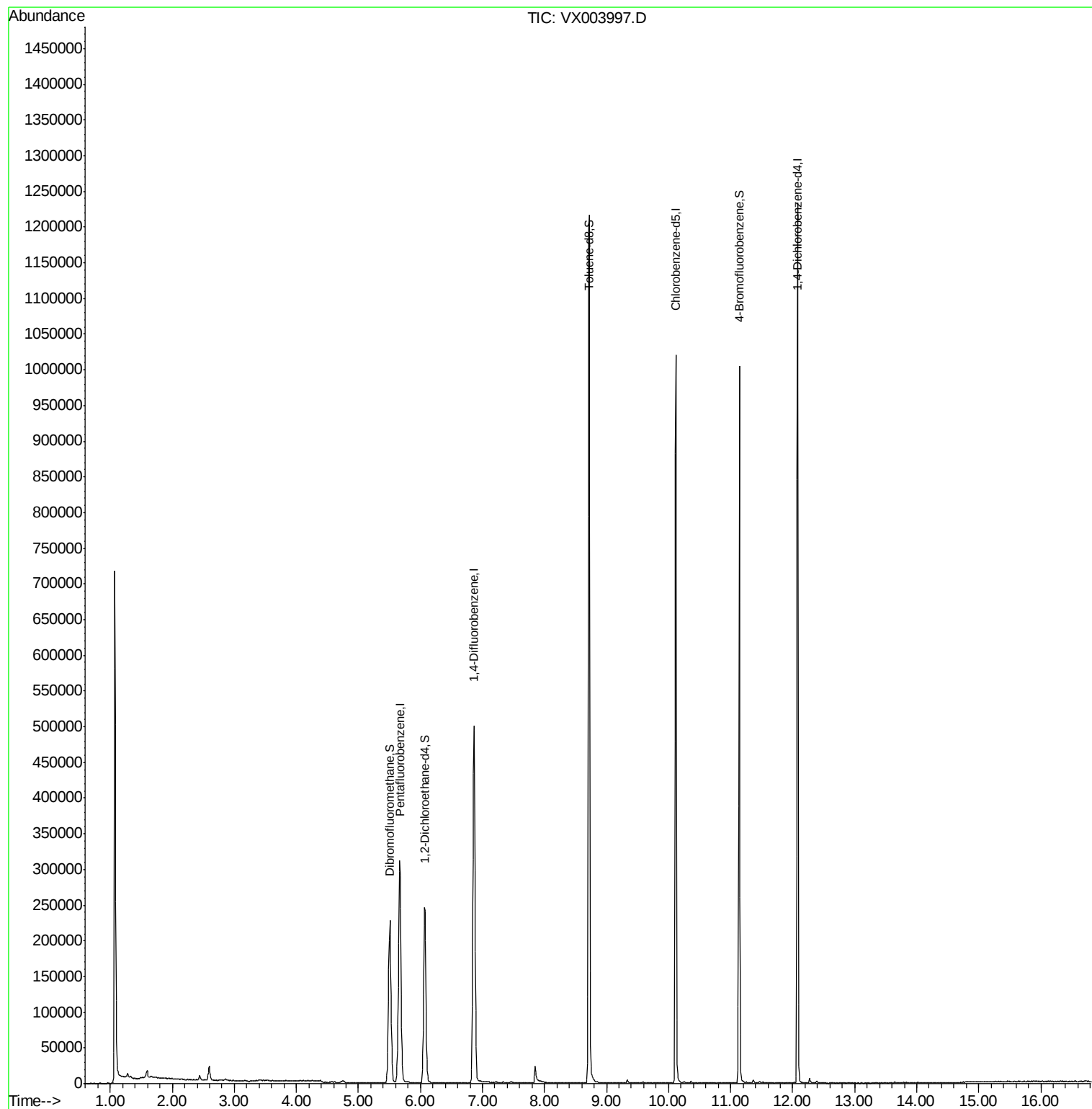
Target Compounds	Qvalue
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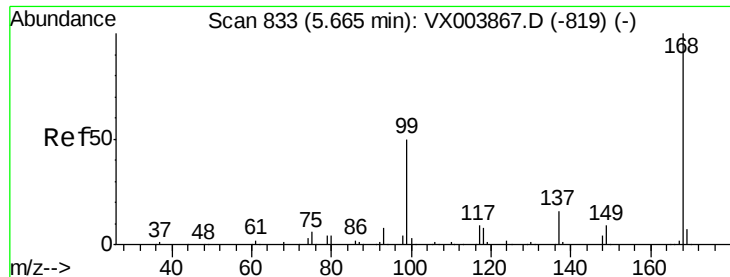
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003997.D

Acq: 13 Aug 2018 13:55

Instrument :

MSVOA_X

ClientSampleId :

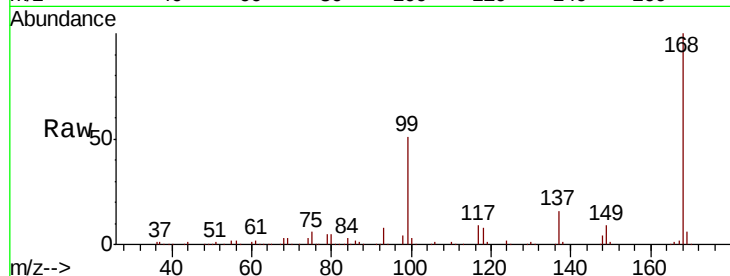
FL-TB-2018-6

Tot Ion:168 Resp: 315215

Ion Ratio Lower Upper

168 100

99 51.2 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

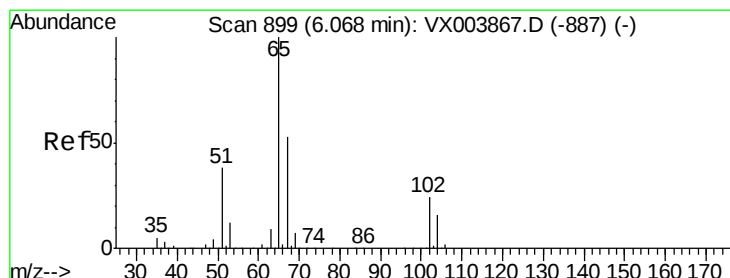
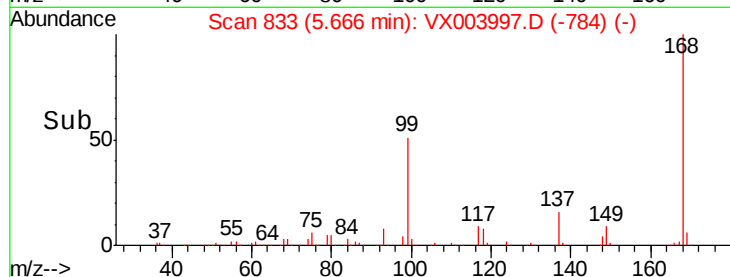
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 53.88 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX003997.D

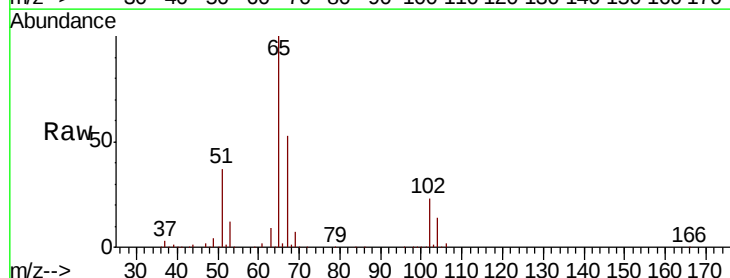
Acq: 13 Aug 2018 13:55

Tgt Ion: 65 Resp: 225130

Ion Ratio Lower Upper

65 100

67 53.4 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

100000

80000

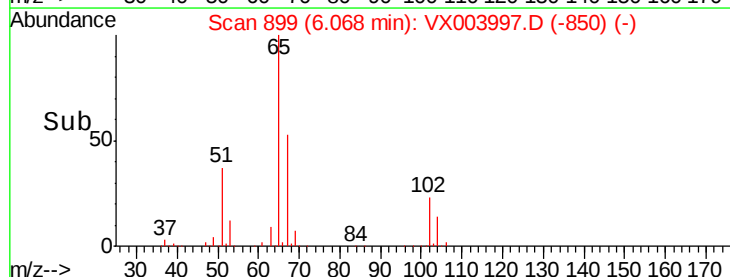
60000

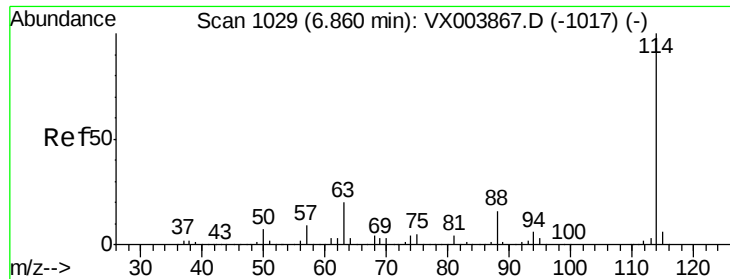
40000

20000

0

Time--> 5.90 6.00 6.10 6.20

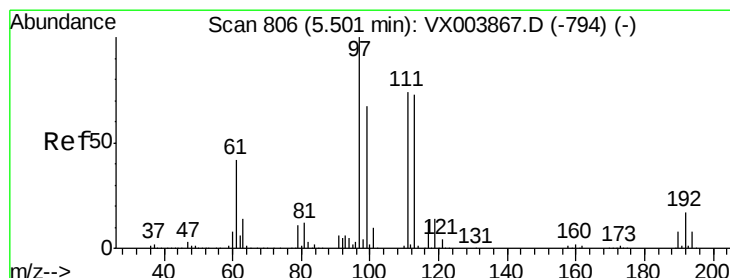
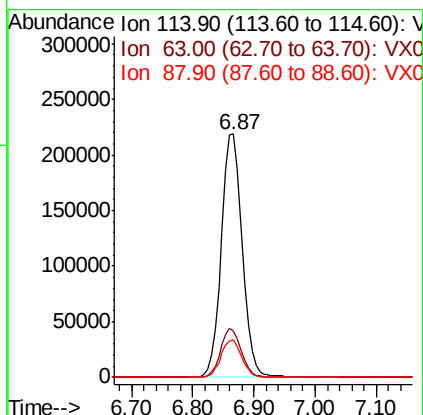
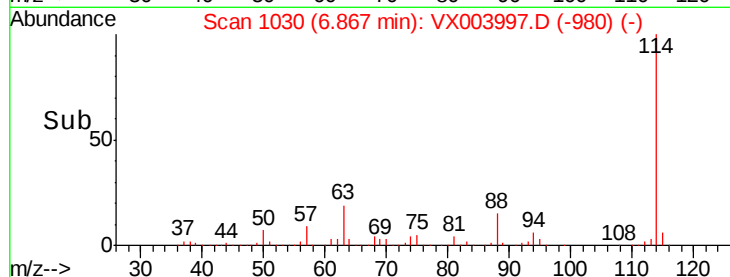
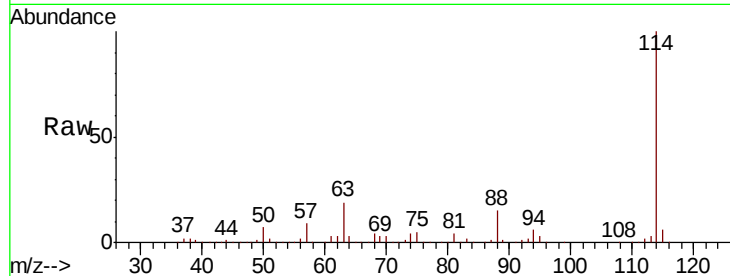




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: VX003997.D
 Acq: 13 Aug 2018 13:55

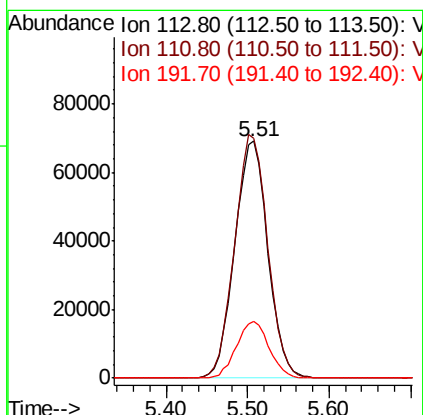
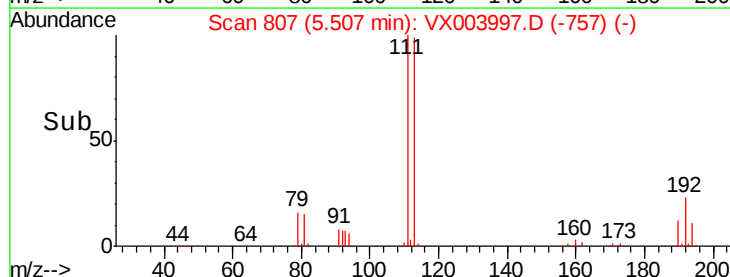
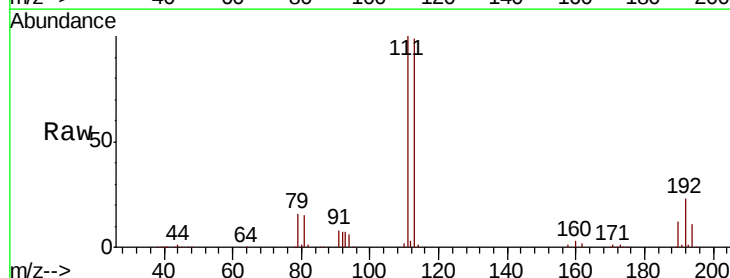
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-TB-2018-6

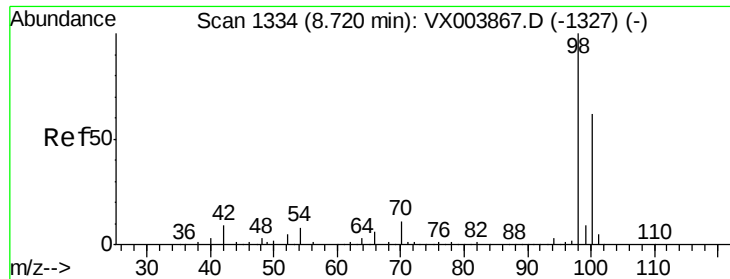
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	39.0
88	15.4	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 49.57 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX003997.D
 Acq: 13 Aug 2018 13:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.0	123.0
192	23.5	19.0	28.4





#50

Toluene-d8

Concen: 48.10 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003997.D

Acq: 13 Aug 2018 13:55

Instrument :

MSVOA_X

ClientSampled :

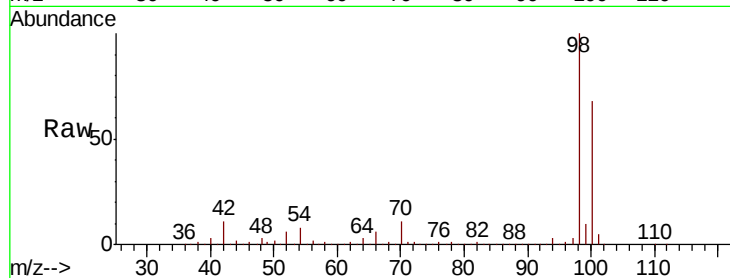
FL-TB-2018-6

Tot Ion: 98 Resp: 73511

Ion Ratio Lower Upper

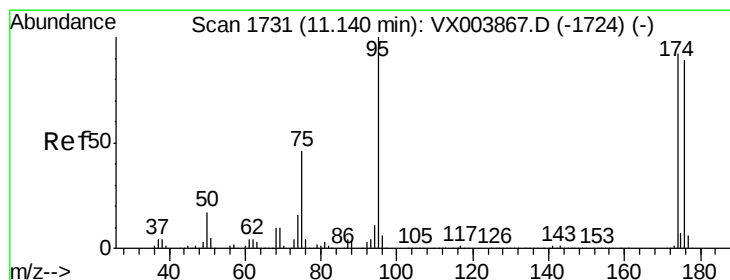
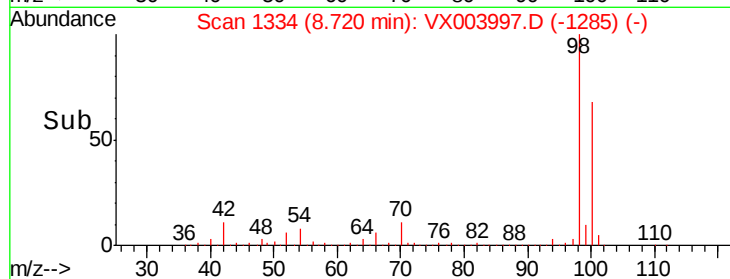
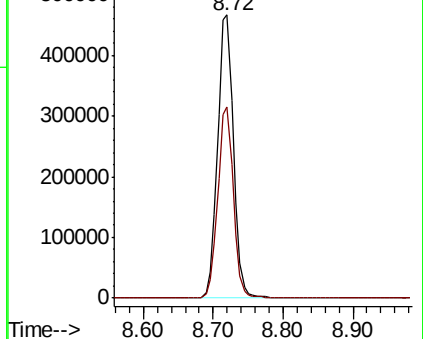
98 100

100 66.4 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 49.65 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003997.D

Acq: 13 Aug 2018 13:55

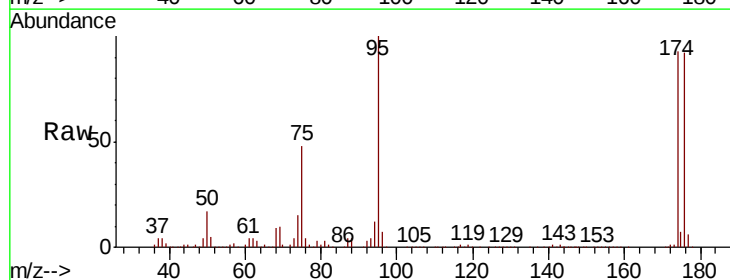
Tgt Ion: 95 Resp: 245701

Ion Ratio Lower Upper

95 100

174 92.8 0.0 182.8

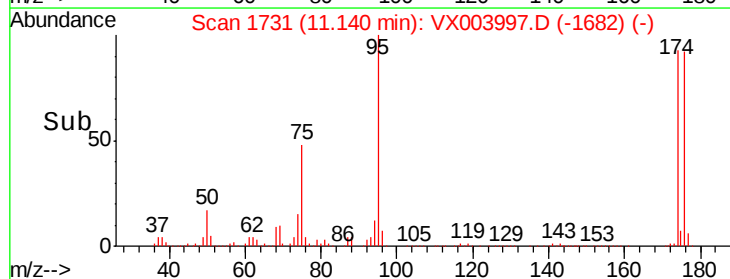
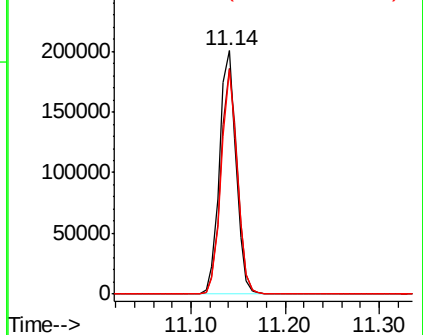
176 89.8 0.0 179.0

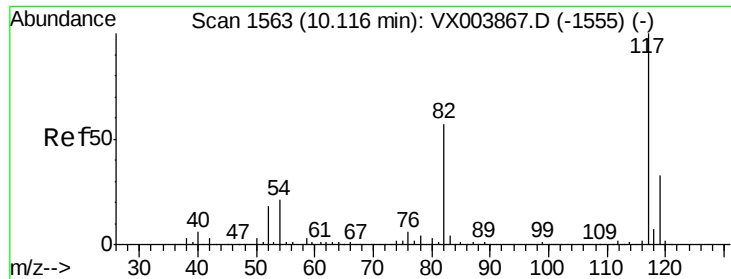


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

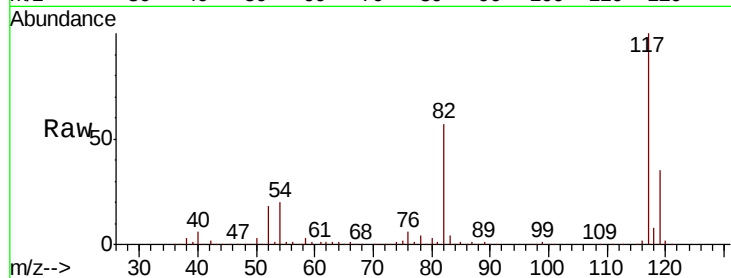




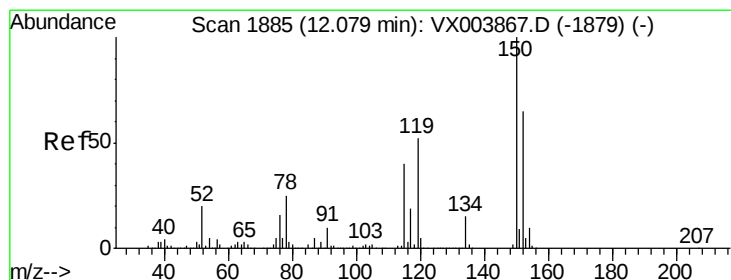
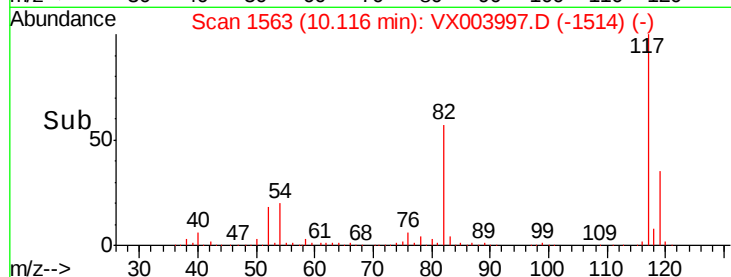
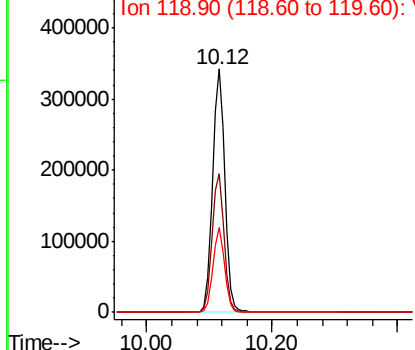
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003997.D
Acq: 13 Aug 2018 13:55

Instrument :
MSVOA_X
ClientSampleId :
FL-TB-2018-6

Tot Ion:117 Resp: 460693
Ion Ratio Lower Upper
117 100
82 56.9 45.4 68.0
119 34.9 26.6 40.0

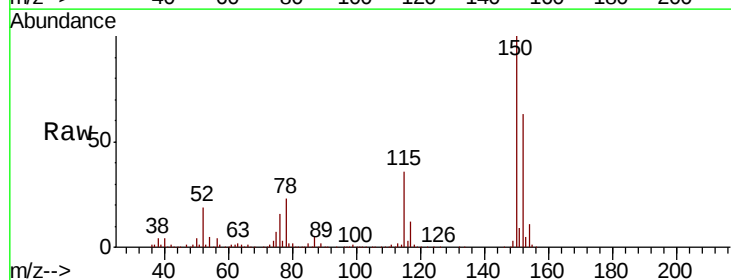


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003997.D
Acq: 13 Aug 2018 13:55

Tgt Ion:152 Resp: 252439
Ion Ratio Lower Upper
152 100
115 55.5 39.1 117.3
150 158.3 0.0 349.2



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

