

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080518\
 Data File : VX003853.D
 Acq On : 03 Aug 2018 17:21
 Operator : JC/MD
 Sample : J4257-04
 Misc : 9.93g/5mL/100uL5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FK-BPM-03-001-B

Quant Time: Aug 03 17:56:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 03 01:55:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	77122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	109170	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	105409	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	68218	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	46365	45.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.16%	
35) Dibromofluoromethane	5.51	113	39721	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	
50) Toluene-d8	8.71	98	153812	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	
62) 4-Bromofluorobenzene	11.14	95	59531	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	

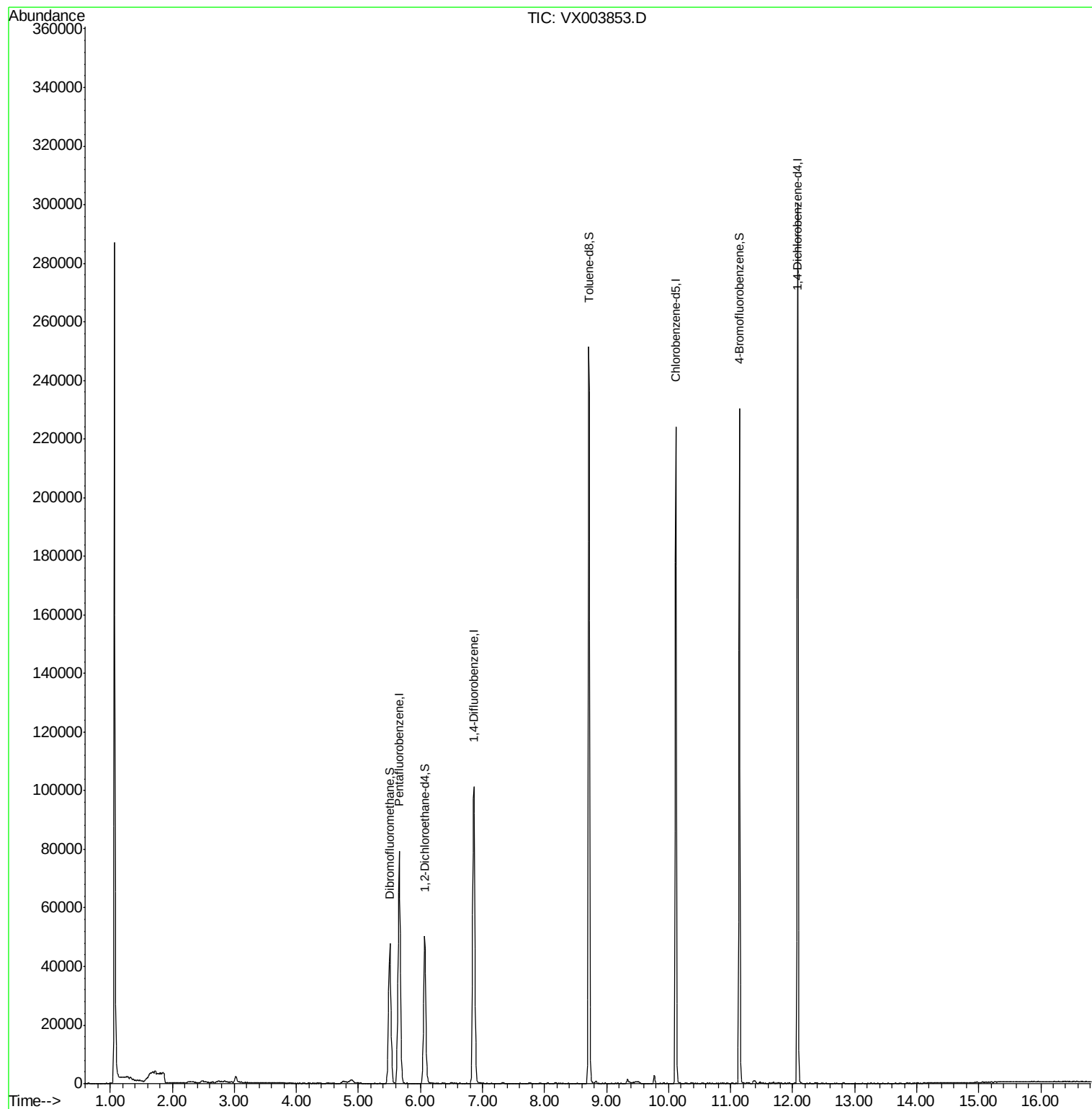
Target Compounds	Qvalue

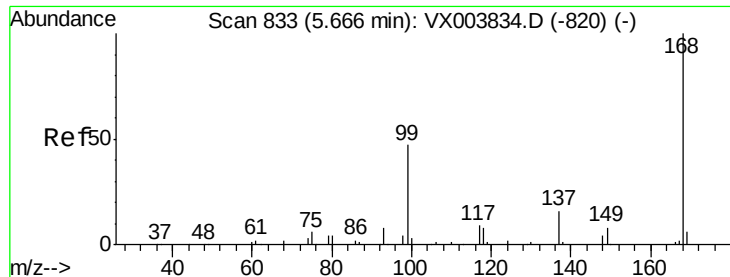
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX003853.D

Acq: 03 Aug 2018 17:21

Instrument :

MSVOA_X

ClientSampleId :

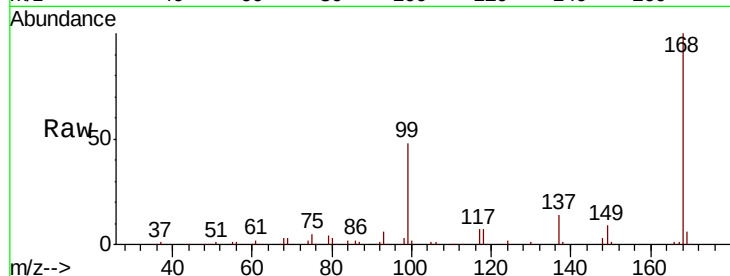
FK-BPM-03-001-B

Tot Ion:168 Resp: 77122

Ion Ratio Lower Upper

168 100

99 48.2 38.1 57.1



Abundance Ion 167.90 (167.60 to 168.60): VX003834.D (-820) (-)

Ion 98.90 (98.60 to 99.60): VX003834.D (-820) (-)

5.66

30000

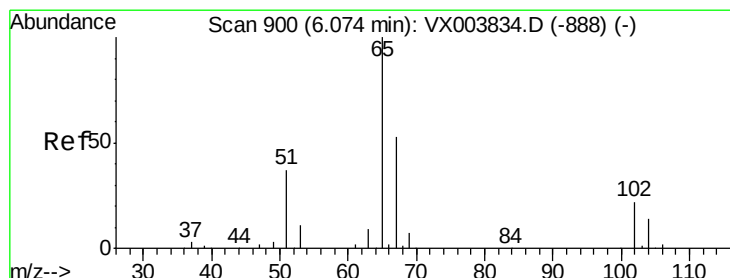
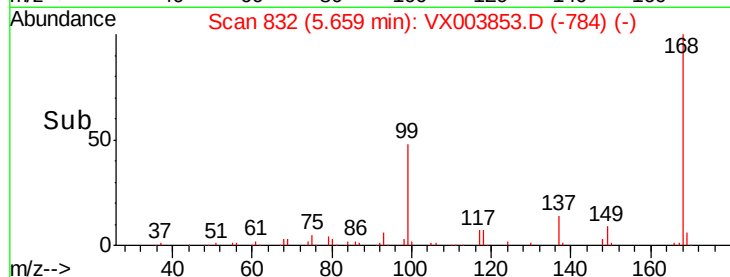
20000

10000

0

Time-->

5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 45.58 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX003853.D

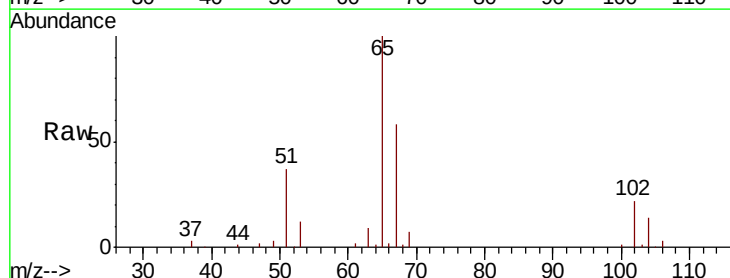
Acq: 03 Aug 2018 17:21

Tgt Ion: 65 Resp: 46365

Ion Ratio Lower Upper

65 100

67 55.5 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX003834.D (-888) (-)

Ion 66.90 (66.60 to 67.60): VX003834.D (-888) (-)

6.07

20000

15000

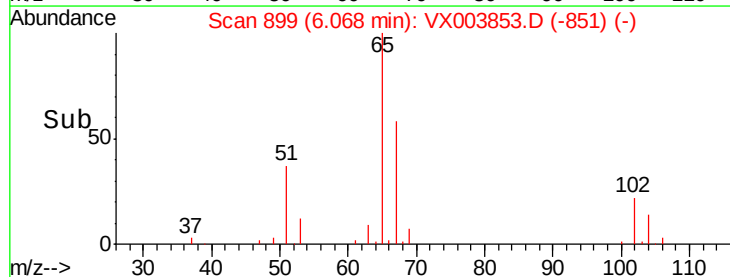
10000

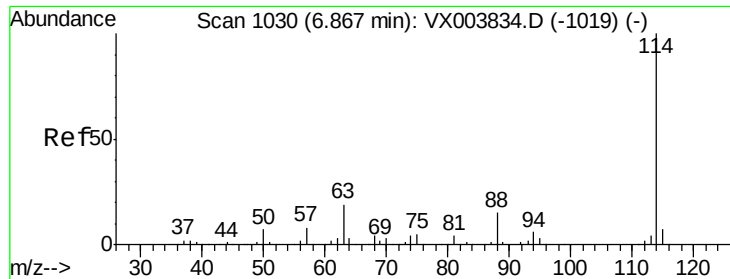
5000

0

Time-->

6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX003853.D

Acq: 03 Aug 2018 17:21

Instrument :

MSVOA_X

ClientSampleId :

FK-BPM-03-001-B

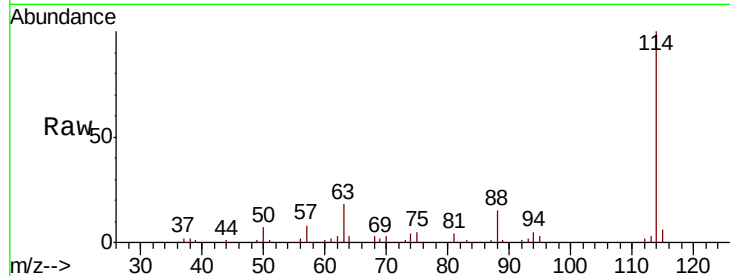
Tot Ion:114 Resp: 109170

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.2

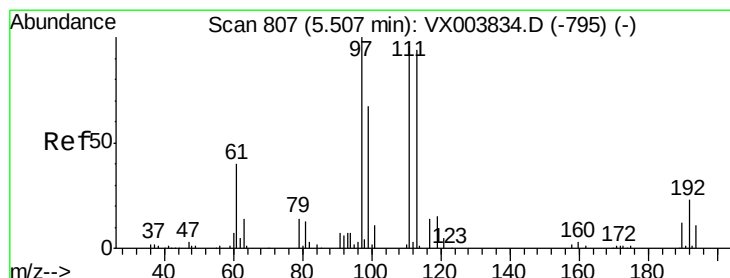
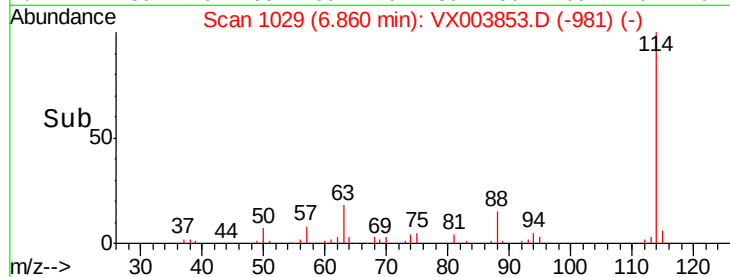
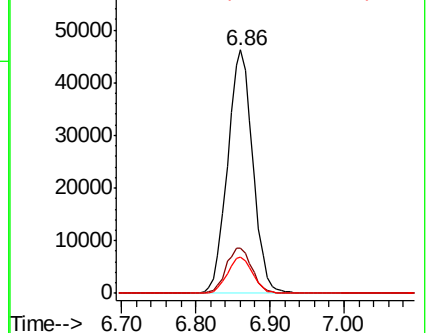
88 15.1 0.0 29.6



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



#35

Dibromofluoromethane

Concen: 46.31 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003853.D

Acq: 03 Aug 2018 17:21

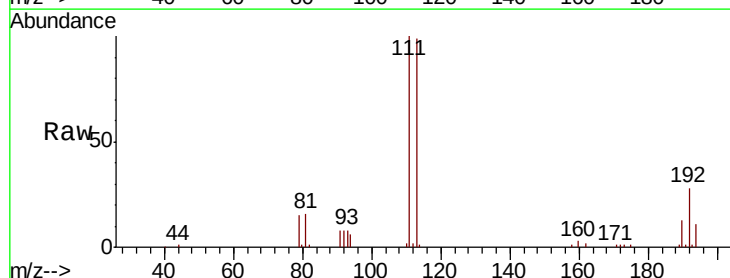
Tgt Ion:113 Resp: 39721

Ion Ratio Lower Upper

113 100

111 104.3 81.1 121.7

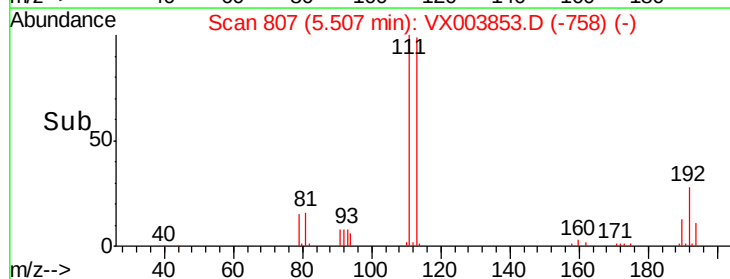
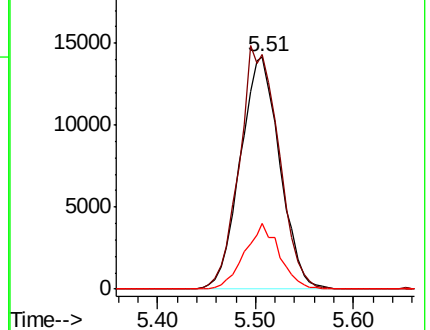
192 24.9 19.7 29.5

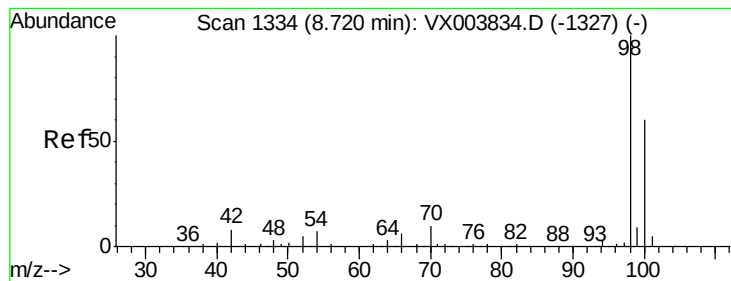


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.80 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.01 min

Lab File: VX003853.D

Acq: 03 Aug 2018 17:21

Instrument :

MSVOA_X

ClientSampleId :

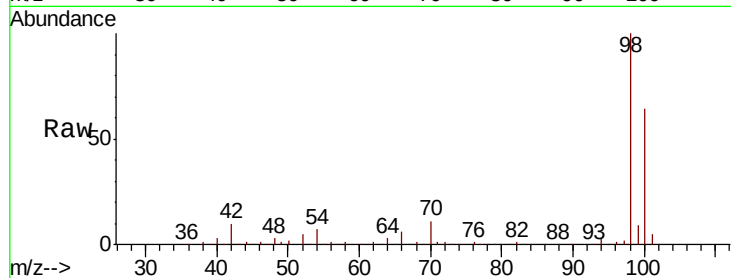
FK-BPM-03-001-B

Tot Ion: 98 Resp: 153812

Ion Ratio Lower Upper

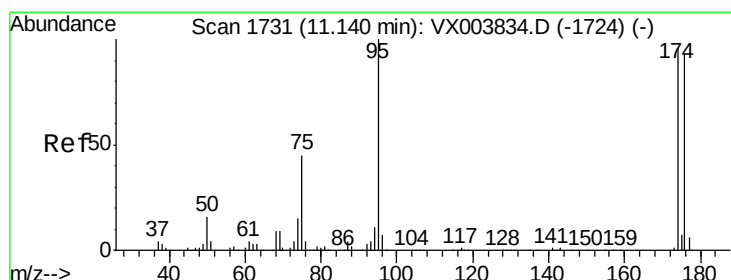
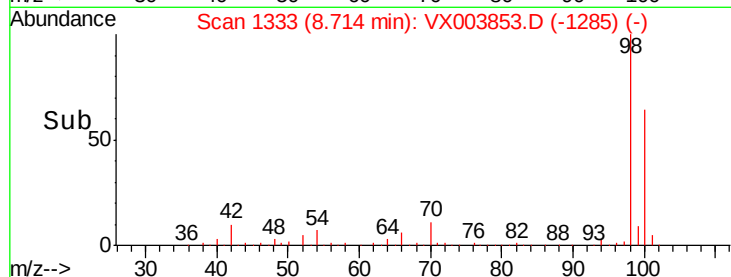
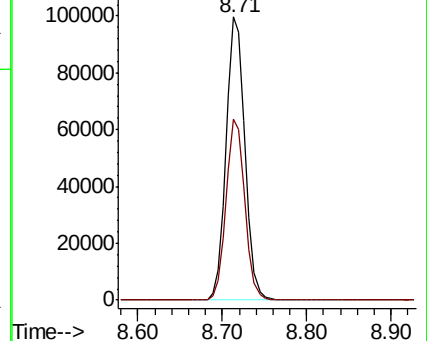
98 100

100 63.7 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 50.13 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003853.D

Acq: 03 Aug 2018 17:21

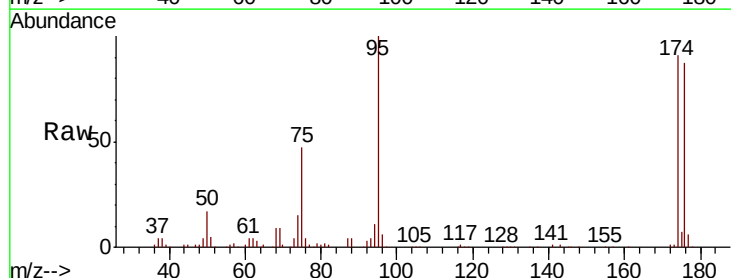
Tgt Ion: 95 Resp: 59531

Ion Ratio Lower Upper

95 100

174 96.0 0.0 192.2

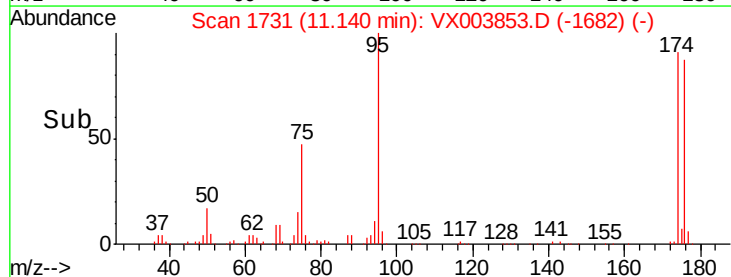
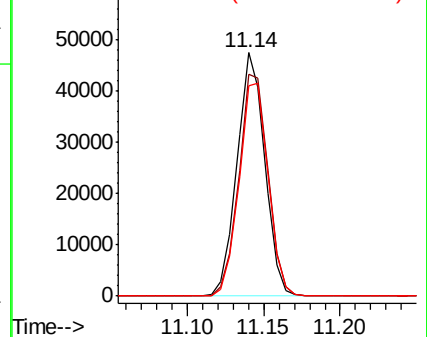
176 92.1 0.0 185.8

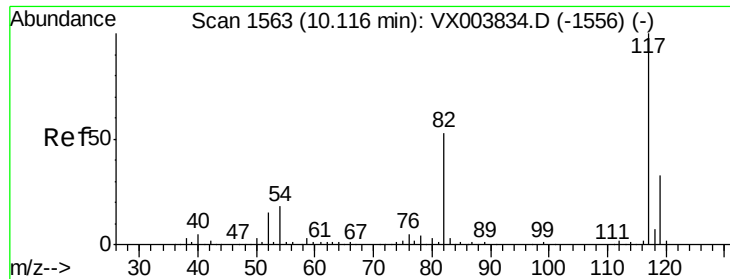


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

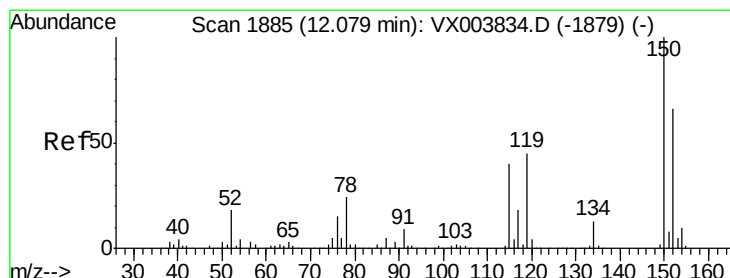
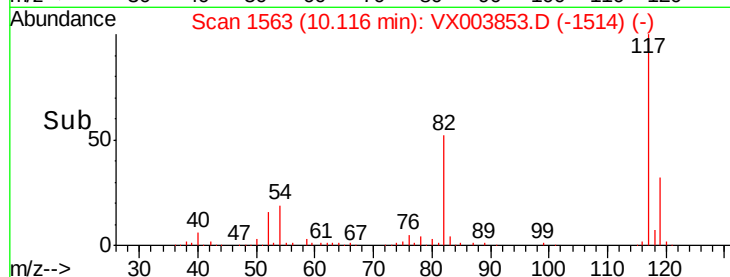
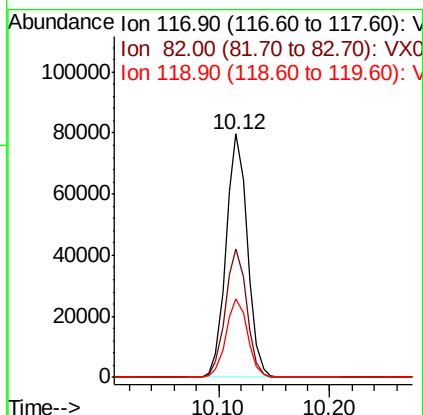
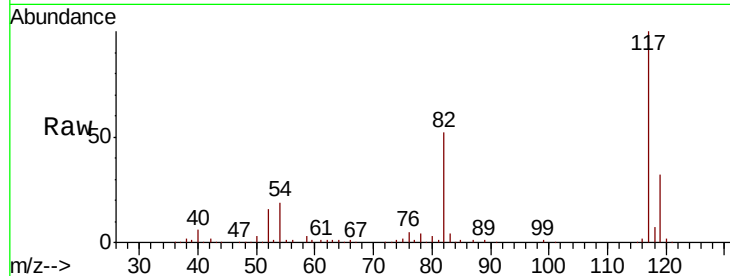




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003853.D
Acq: 03 Aug 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :
FK-BPM-03-001-B

Tot Ion:117 Resp: 105409
Ion Ratio Lower Upper
117 100
82 52.5 42.2 63.4
119 32.5 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VX003853.D
Acq: 03 Aug 2018 17:21

Tgt Ion:152 Resp: 68218
Ion Ratio Lower Upper
152 100
115 53.9 37.4 112.1
150 156.7 0.0 346.6

