

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061918\
 Data File : VX002723.D
 Acq On : 19 Jun 2018 19:51
 Operator : JC/MD
 Sample : J3523-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-FIELD-BLANK

Quant Time: Jun 20 01:44:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	205608	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	293061	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	271110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	153713	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	142115	45.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.96%	
35) Dibromofluoromethane	5.51	113	109735	46.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.84%	
50) Toluene-d8	8.72	98	416689	46.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.84%	
62) 4-Bromofluorobenzene	11.14	95	143549	42.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.32%	

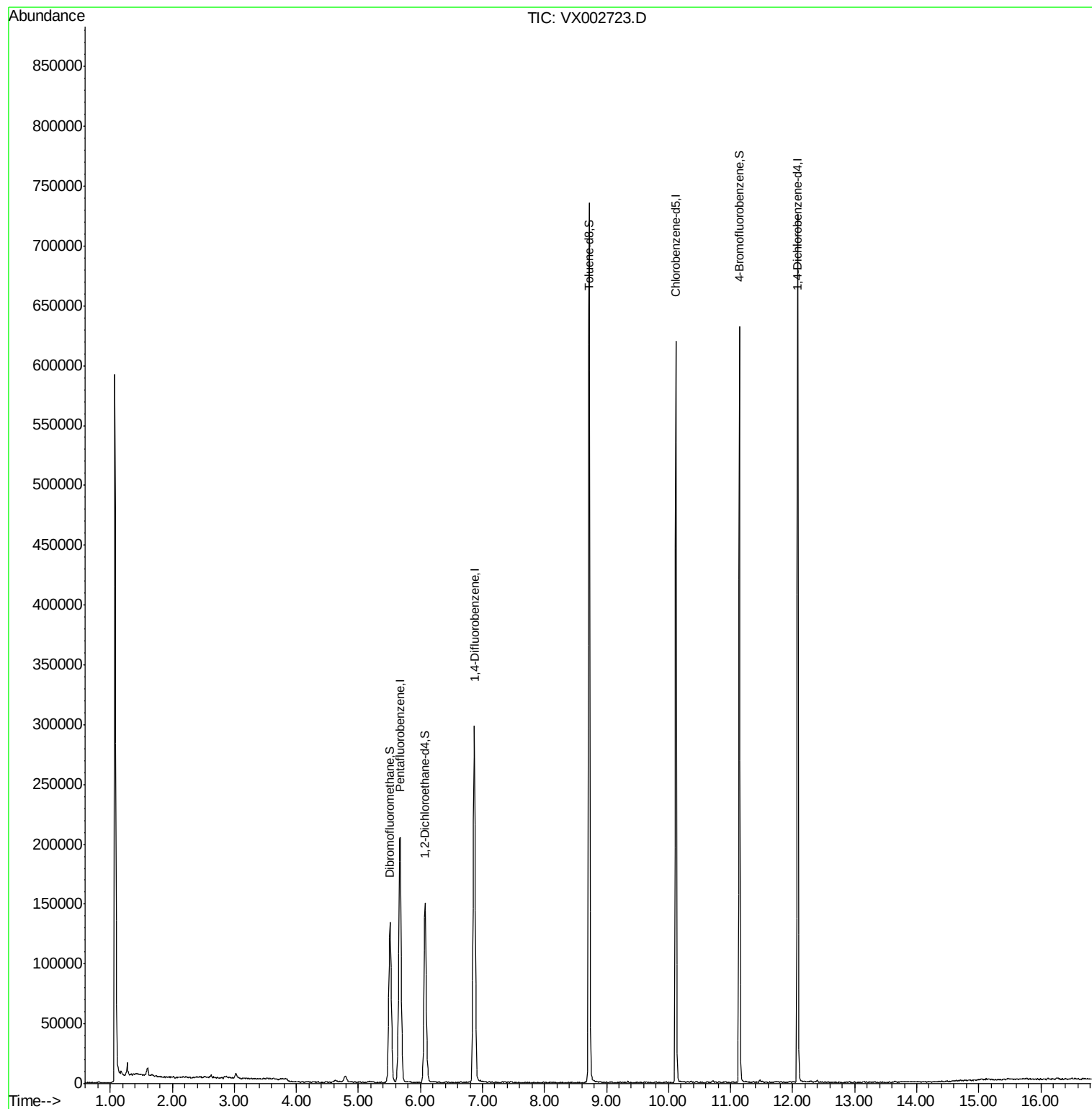
Target Compounds	Qvalue

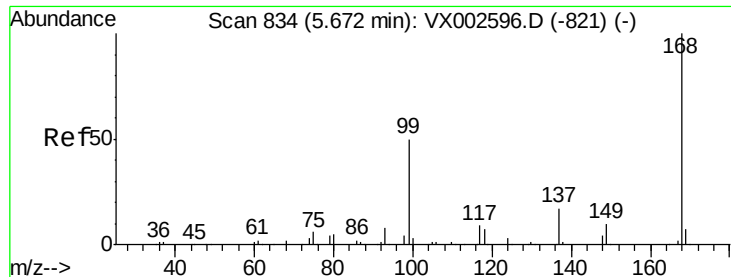
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002723.D

Acq: 19 Jun 2018 19:51

Instrument :

MSVOA_X

ClientSampleId :

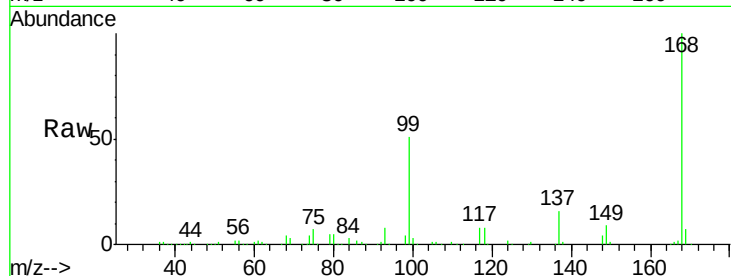
SOIL-FIELD-BLANK

Tot Ion:168 Resp: 205608

Ion Ratio Lower Upper

168 100

99 50.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

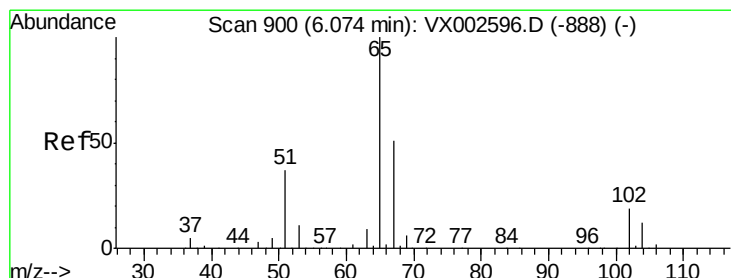
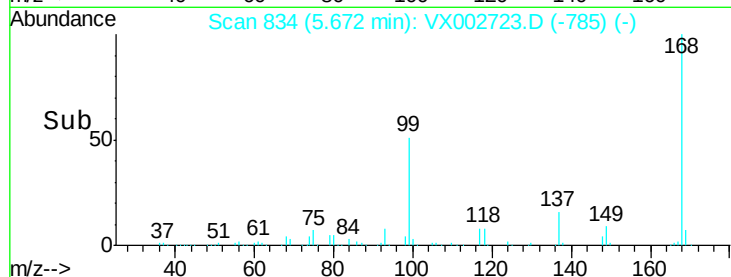
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 45.48 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002723.D

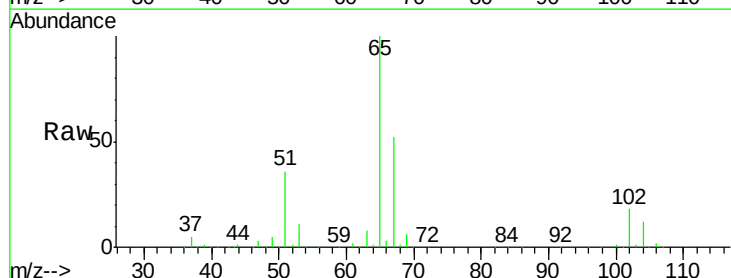
Acq: 19 Jun 2018 19:51

Tgt Ion: 65 Resp: 142115

Ion Ratio Lower Upper

65 100

67 50.9 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

50000

40000

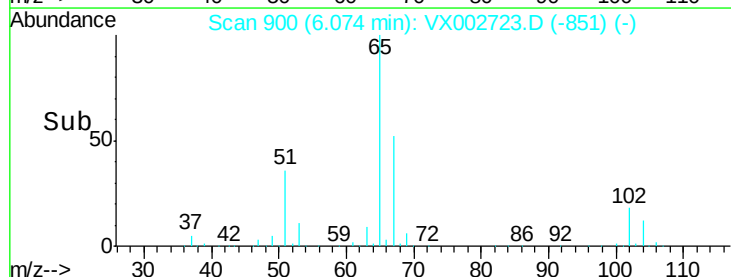
30000

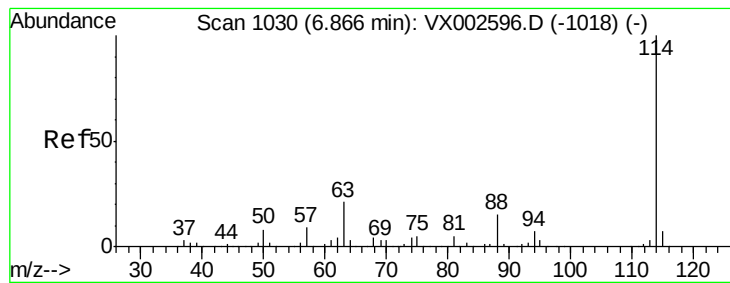
20000

10000

0

Time--> 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002723.D

Acq: 19 Jun 2018 19:51

Instrument :

MSVOA_X

ClientSampleId :

SOIL-FIELD-BLANK

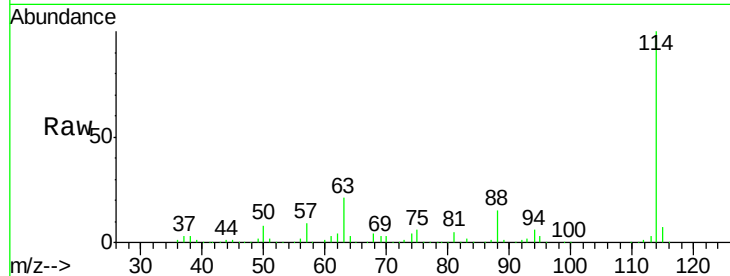
Tot Ion:114 Resp: 293061

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

88 15.0 0.0 30.0



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

150000

100000

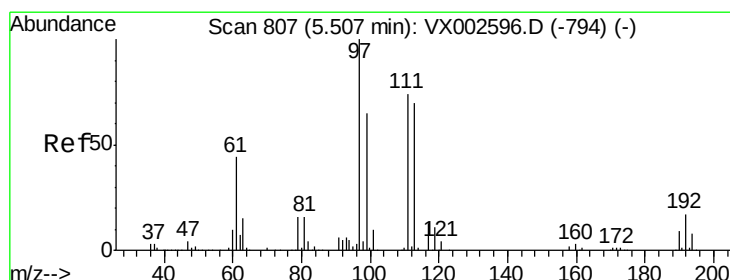
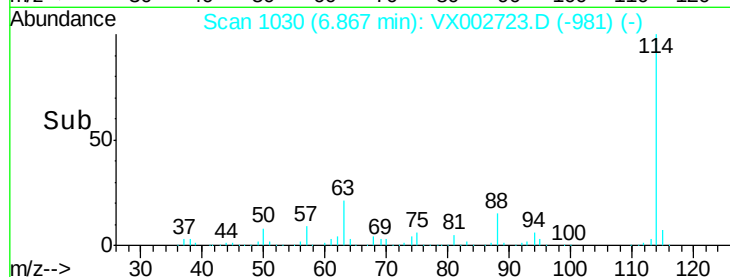
50000

0

6.87

6.70 6.80 6.90 7.00 7.10

Time-->



#35

Dibromofluoromethane

Concen: 46.92 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002723.D

Acq: 19 Jun 2018 19:51

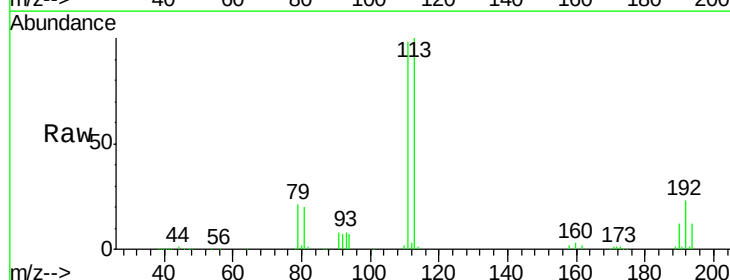
Tgt Ion:113 Resp: 109735

Ion Ratio Lower Upper

113 100

111 101.4 81.4 122.0

192 23.6 19.1 28.7



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

50000

40000

30000

20000

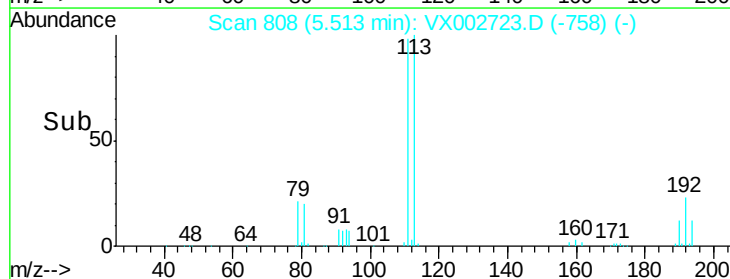
10000

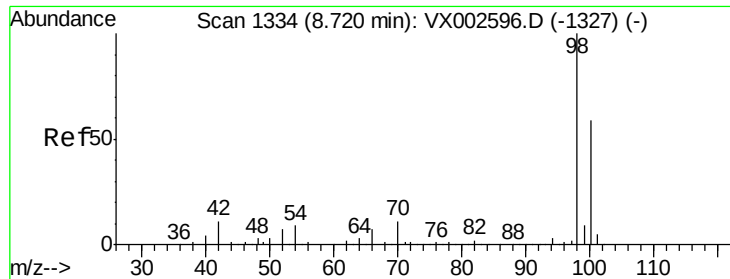
0

5.51

5.40 5.50 5.60

Time-->





#50

Toluene-d8

Concen: 46.92 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002723.D

Acq: 19 Jun 2018 19:51

Instrument :

MSVOA_X

ClientSampleId :

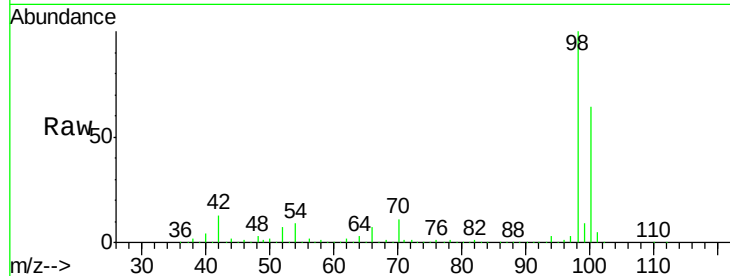
SOIL-FIELD-BLANK

Tot Ion: 98 Resp: 416689

Ion Ratio Lower Upper

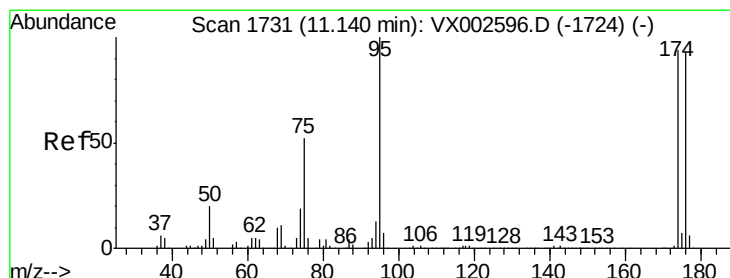
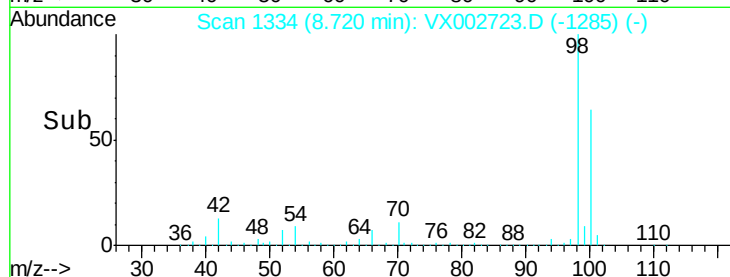
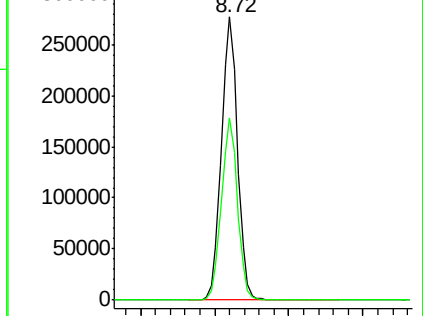
98 100

100 63.9 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 42.66 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002723.D

Acq: 19 Jun 2018 19:51

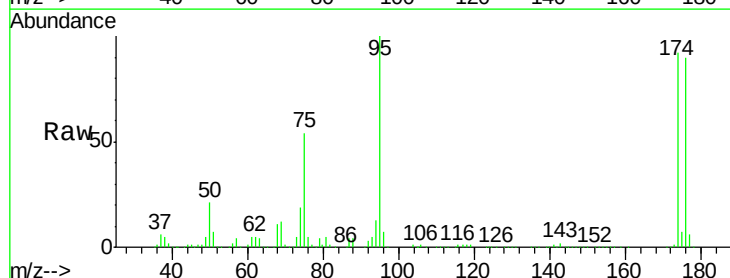
Tgt Ion: 95 Resp: 143549

Ion Ratio Lower Upper

95 100

174 96.8 0.0 187.4

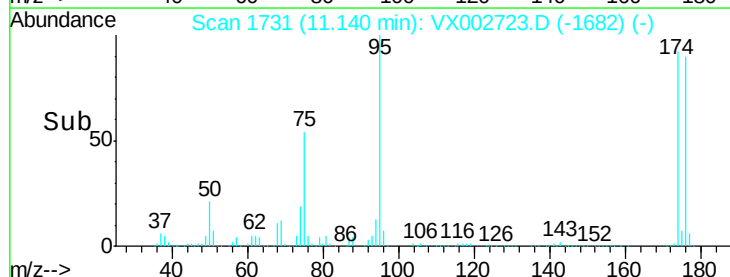
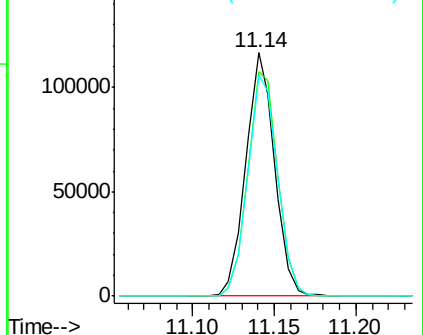
176 94.4 0.0 181.0

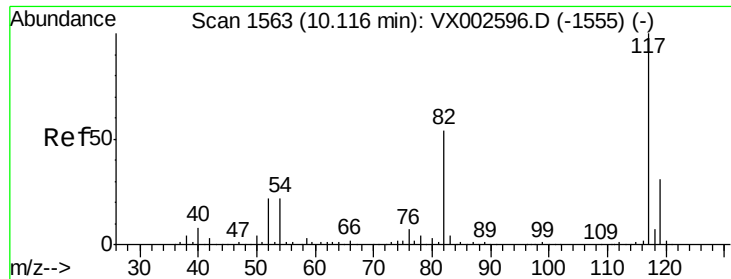


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

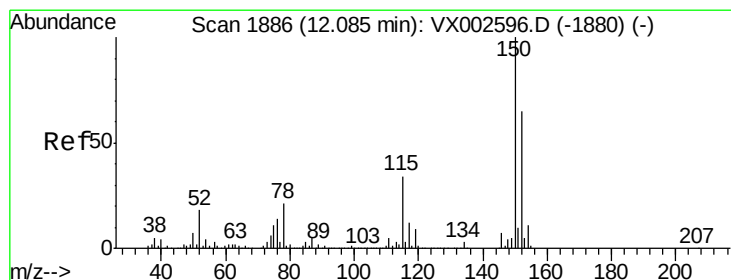
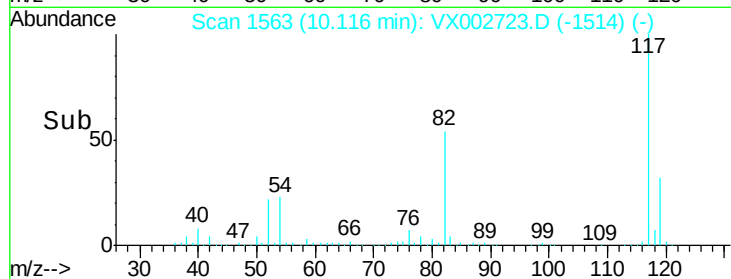
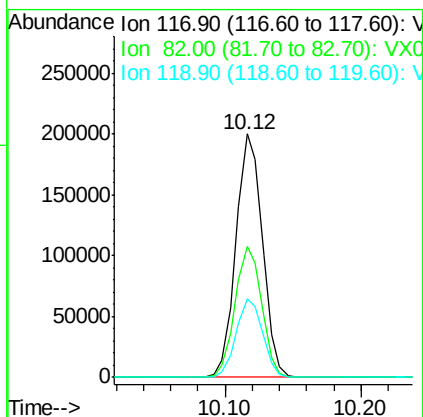
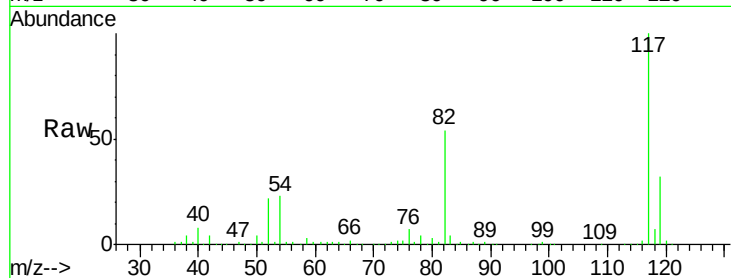




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002723.D
Acq: 19 Jun 2018 19:51

Instrument :
MSVOA_X
ClientSampled :
SOIL-FIELD-BLANK

Tot Ion:117 Resp: 271110
Ion Ratio Lower Upper
117 100
82 53.7 45.0 67.4
119 32.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002723.D
Acq: 19 Jun 2018 19:51

Tgt Ion:152 Resp: 153713
Ion Ratio Lower Upper
152 100
115 54.9 40.1 120.2
150 156.6 0.0 347.2

