

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
 Data File : VX002040.D
 Acq On : 27 May 2018 01:39
 Operator : JC/MD
 Sample : VX0526WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0526WBL02

Quant Time: May 28 04:06:18 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	315099	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	439658	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	388730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	209260	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	260735	46.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.58%	
35) Dibromofluoromethane	5.51	113	202674	46.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.20%	
50) Toluene-d8	8.72	98	769596	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
62) 4-Bromofluorobenzene	11.14	95	269235	43.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.46%	

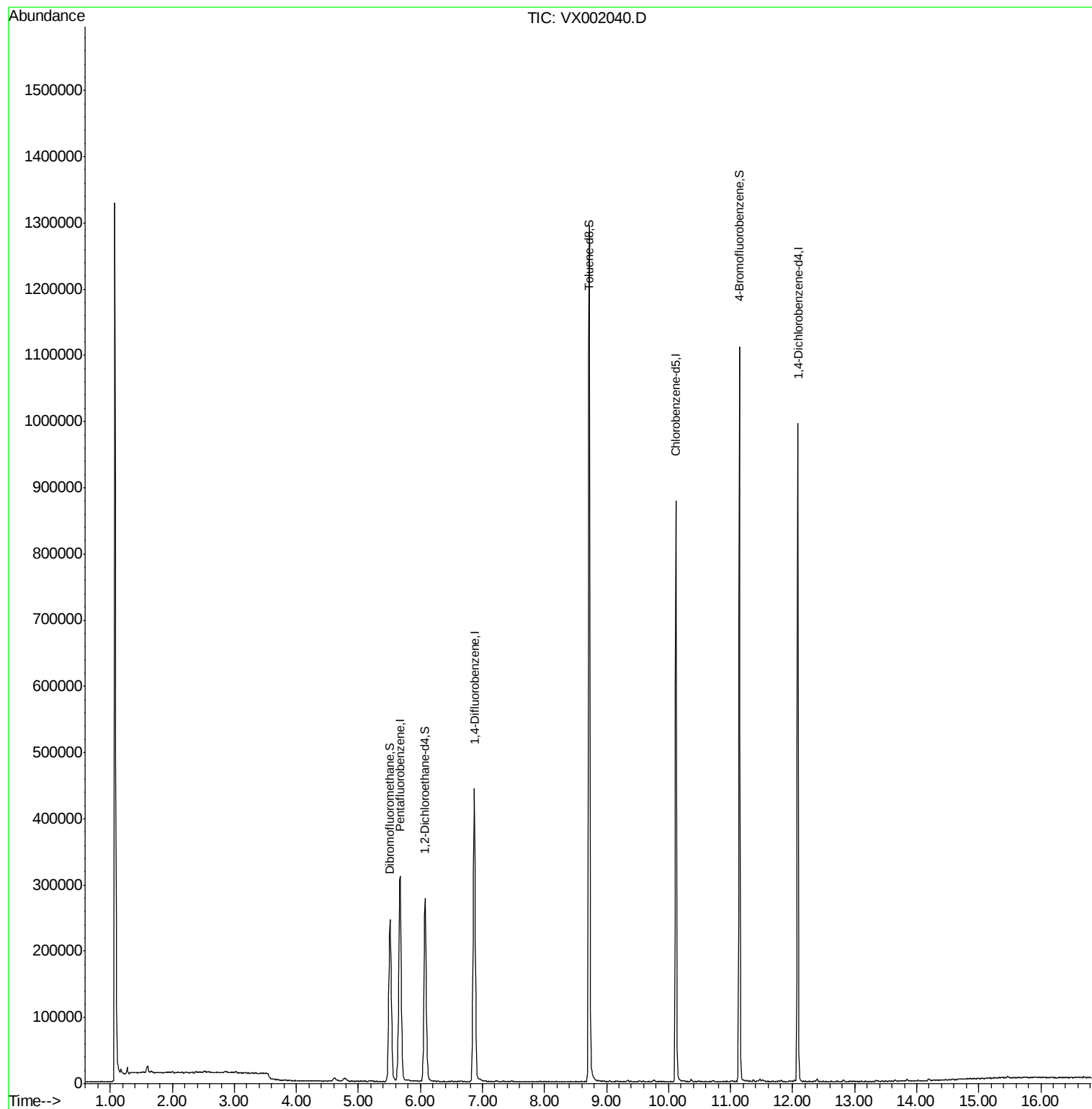
Target Compounds	Qvalue
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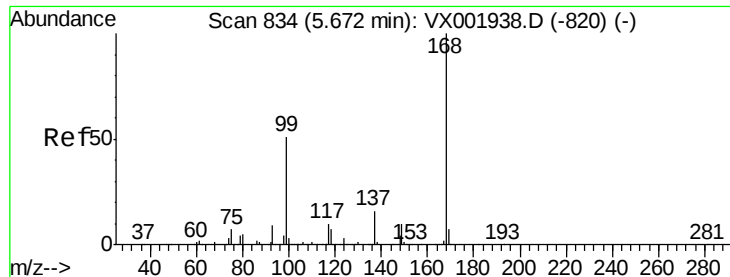
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002040.D

Acq: 27 May 2018 01:39

Instrument :

MSVOA_X

ClientSampleId :

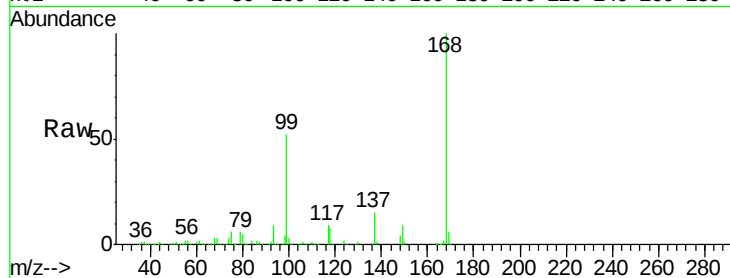
VX0526WBL02

Tot Ion:168 Resp: 315099

Ion Ratio Lower Upper

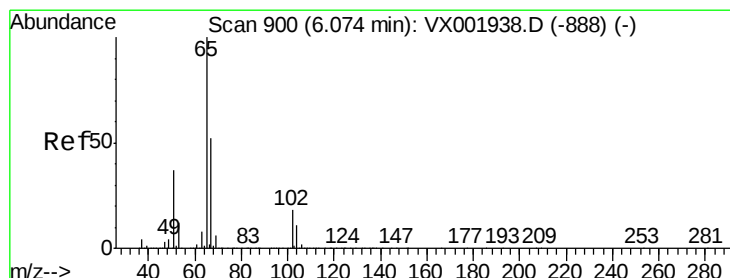
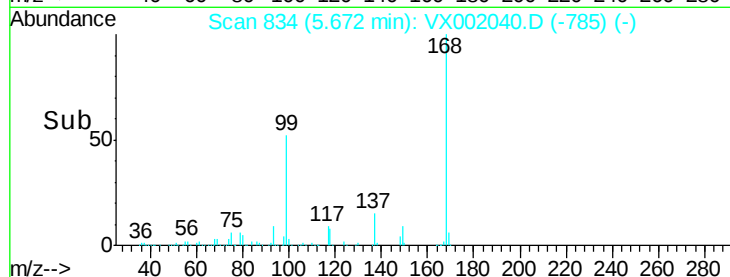
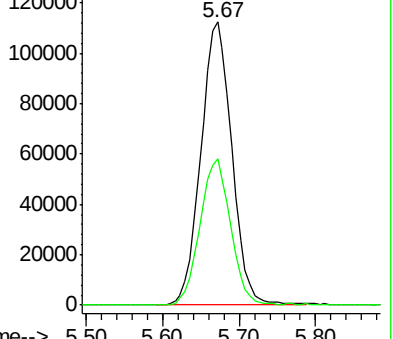
168 100

99 51.8 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.29 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002040.D

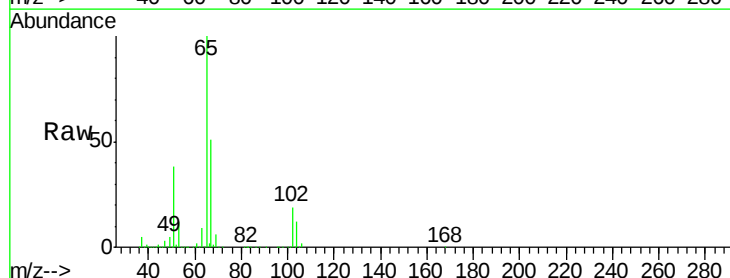
Acq: 27 May 2018 01:39

Tgt Ion: 65 Resp: 260735

Ion Ratio Lower Upper

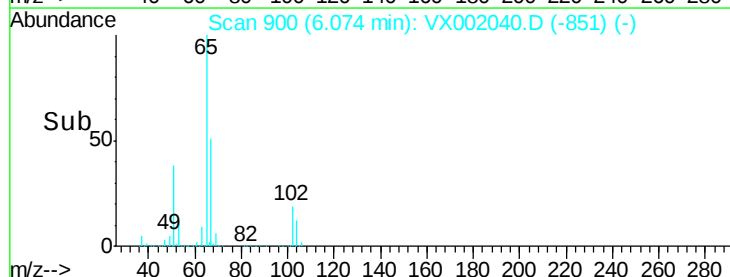
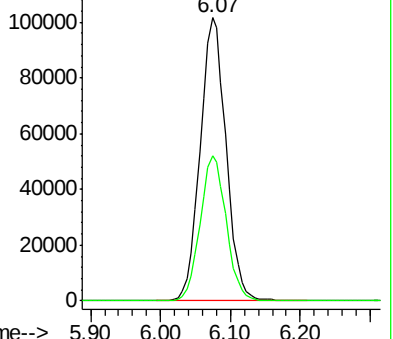
65 100

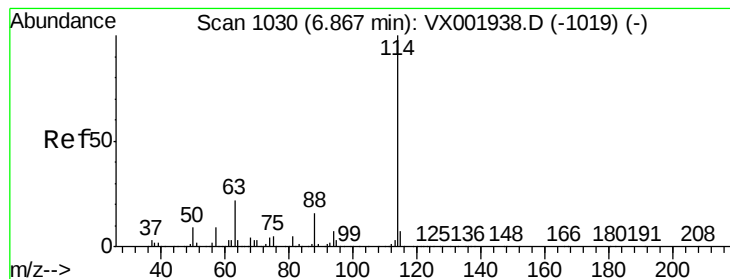
67 51.6 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002040.D

Acq: 27 May 2018 01:39

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBL02

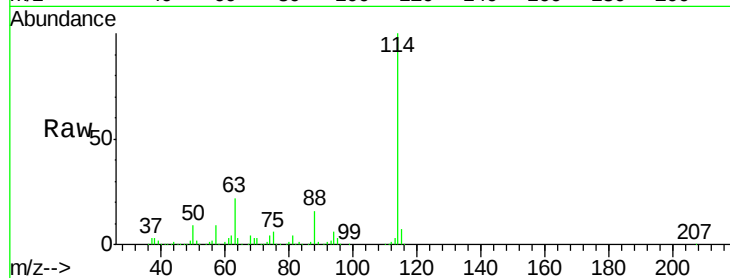
Tot Ion:114 Resp: 439658

Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.2

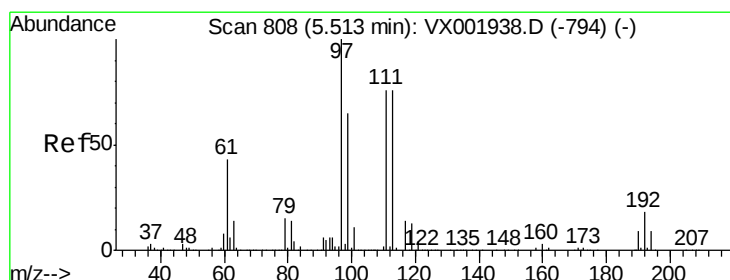
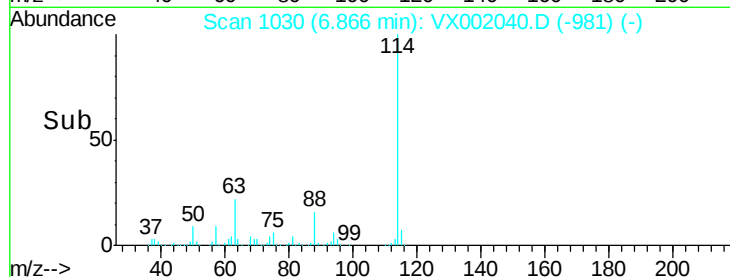
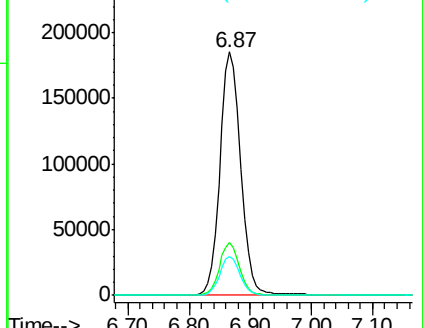
88 16.1 0.0 31.6



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: 46.10 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX002040.D

Acq: 27 May 2018 01:39

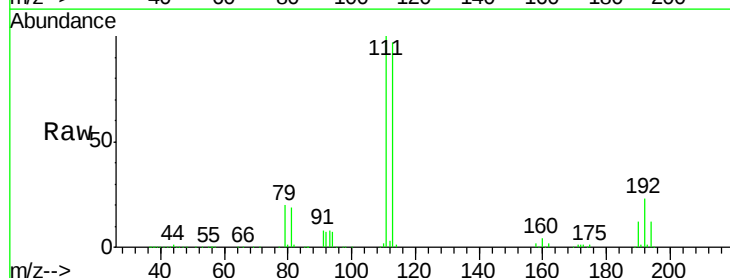
Tgt Ion:113 Resp: 202674

Ion Ratio Lower Upper

113 100

111 102.2 82.0 123.0

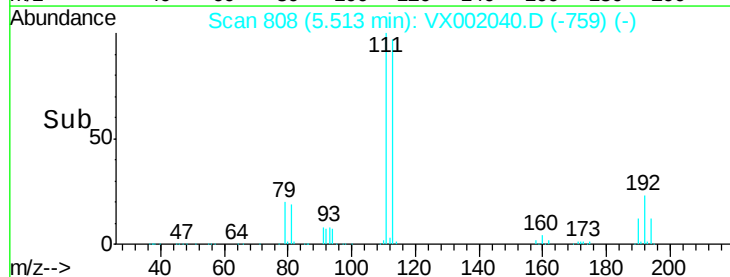
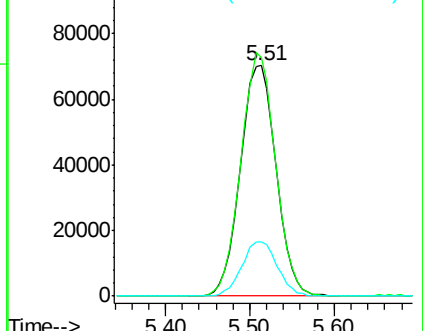
192 23.5 18.9 28.3

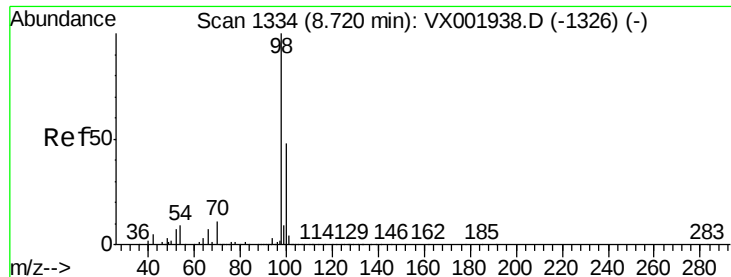


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.35 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002040.D

Acq: 27 May 2018 01:39

Instrument :

MSVOA_X

ClientSampleId :

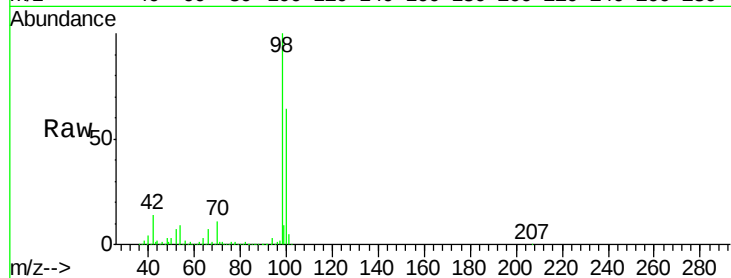
VX0526WBL02

Tot Ion: 98 Resp: 769596

Ion Ratio Lower Upper

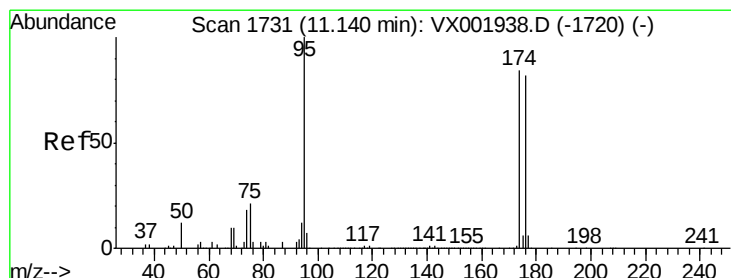
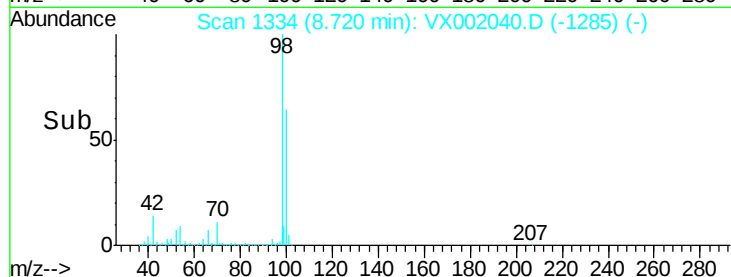
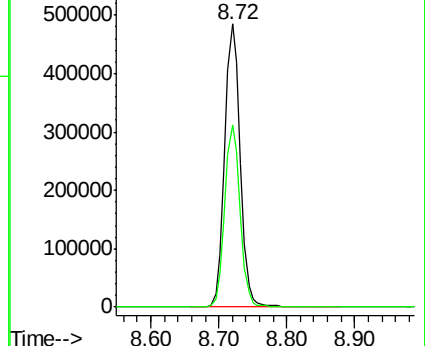
98 100

100 63.6 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 43.23 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002040.D

Acq: 27 May 2018 01:39

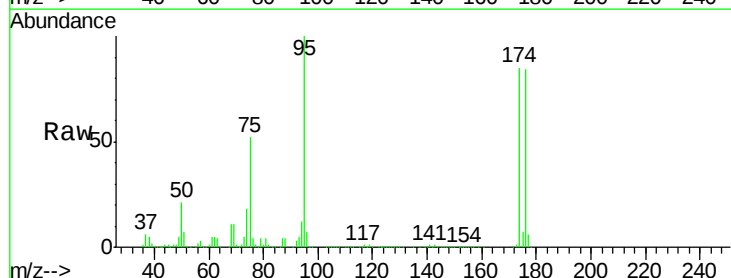
Tgt Ion: 95 Resp: 269235

Ion Ratio Lower Upper

95 100

174 92.5 0.0 178.8

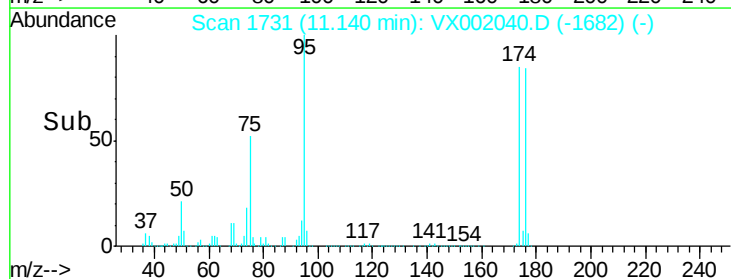
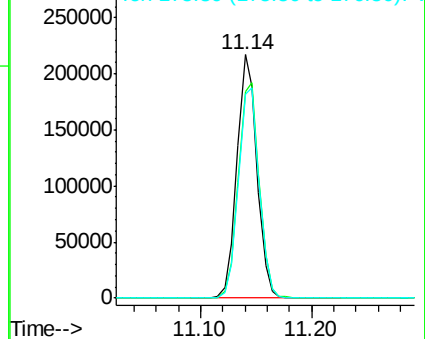
176 90.2 0.0 175.6

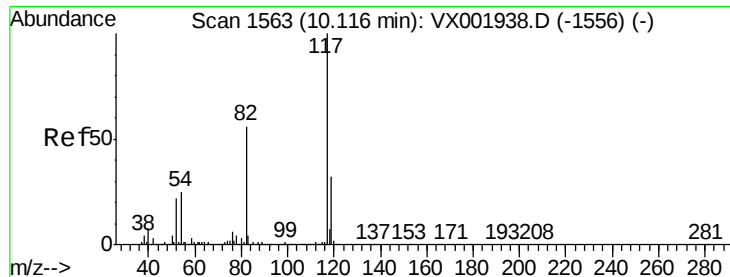


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

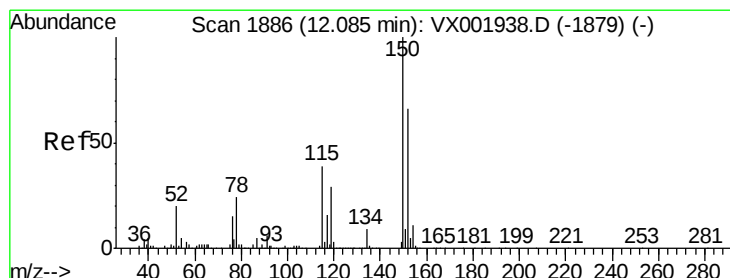
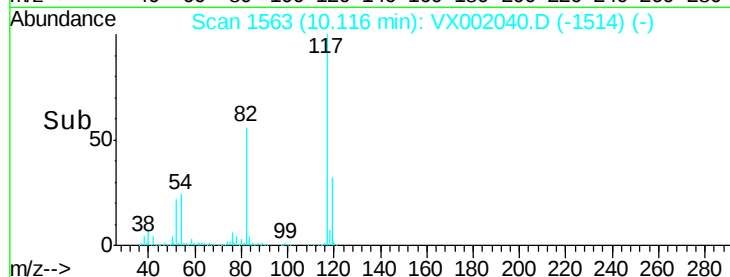
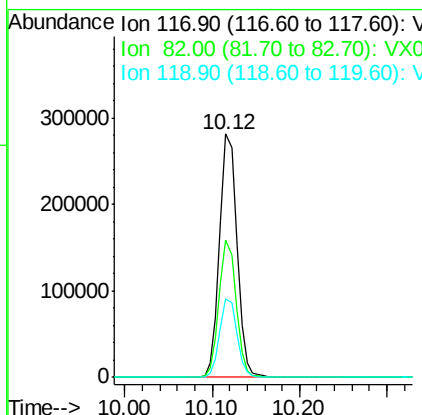
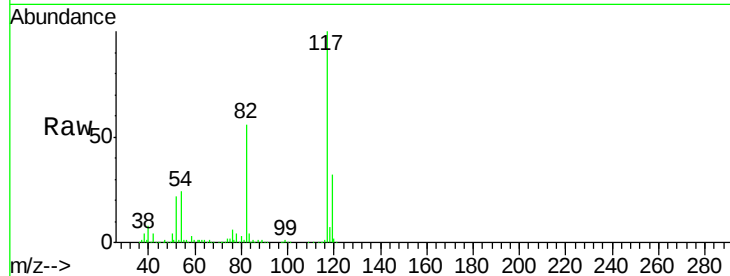




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002040.D
Acq: 27 May 2018 01:39

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBL02

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.8	67.2
119	32.1	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002040.D
Acq: 27 May 2018 01:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.9	42.3	126.8
150	156.0	0.0	351.0

