

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042518\
 Data File : VX001115.D
 Acq On : 25 Apr 2018 12:18
 Operator : JC/MD
 Sample : VX0425WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425WBL01

Quant Time: Apr 25 14:35:56 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	242579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	334951	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	300601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	170171	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	171485	55.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.54%	
35) Dibromofluoromethane	5.51	113	130709	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
50) Toluene-d8	8.72	98	506910	53.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.34%	
62) 4-Bromofluorobenzene	11.14	95	176200	44.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.92%	

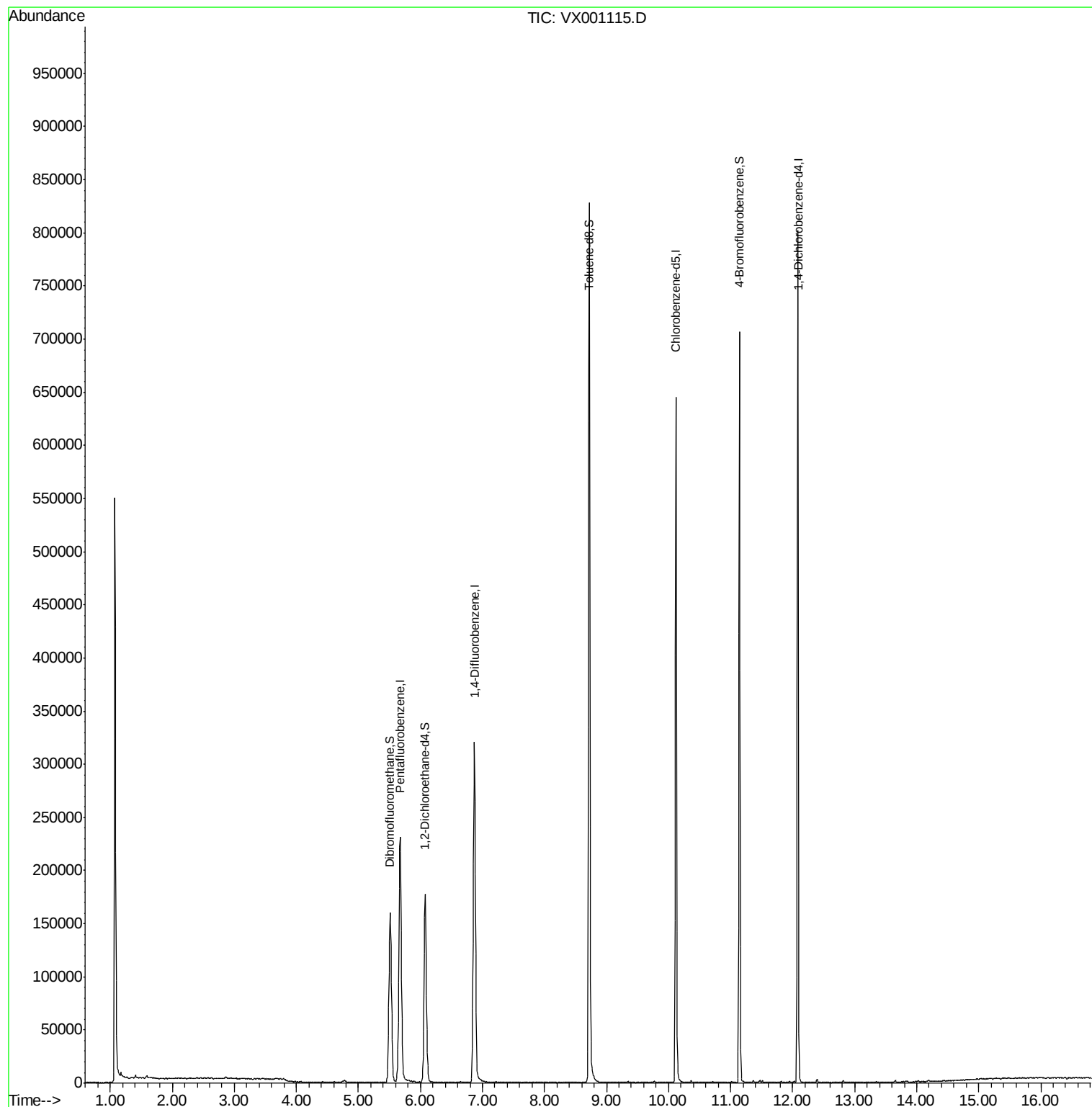
Target Compounds	Qvalue

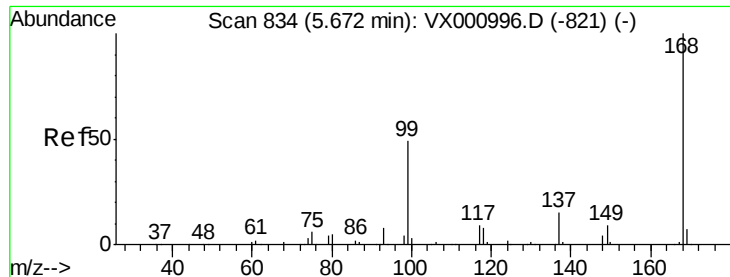
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001115.D

Acq: 25 Apr 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

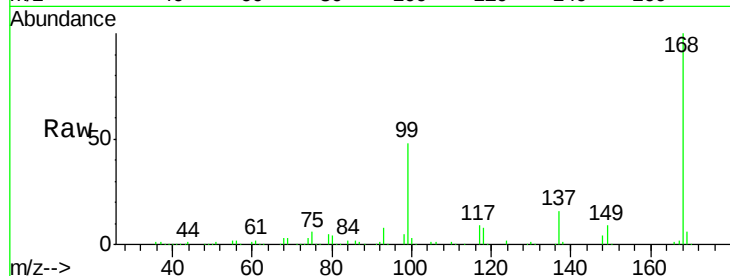
VX0425WBL01

Tot Ion:168 Resp: 242579

Ion Ratio Lower Upper

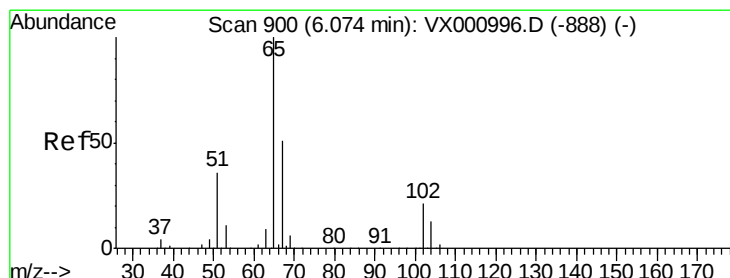
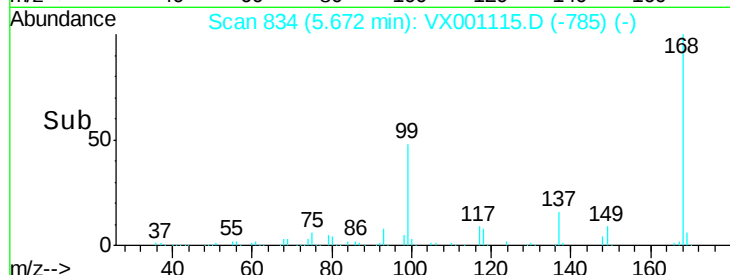
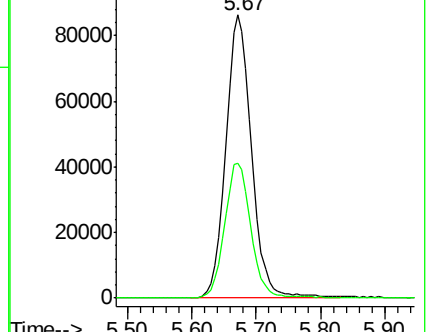
168 100

99 47.8 39.2 58.8



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: 55.77 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001115.D

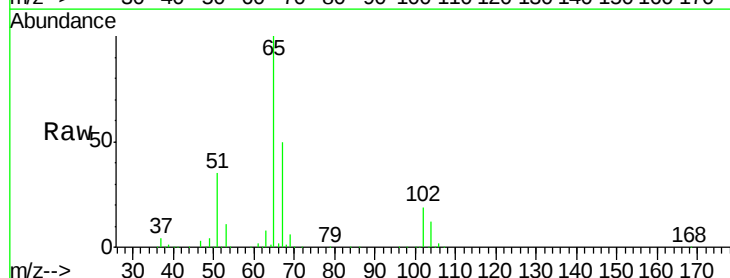
Acq: 25 Apr 2018 12:18

Tgt Ion: 65 Resp: 171485

Ion Ratio Lower Upper

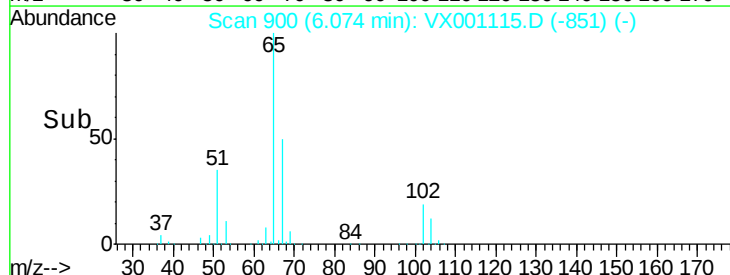
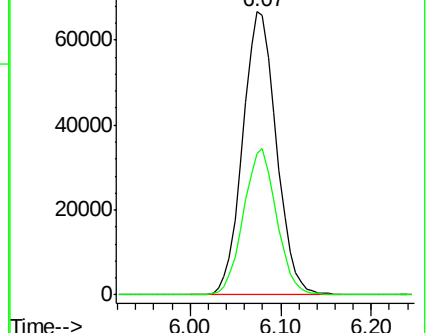
65 100

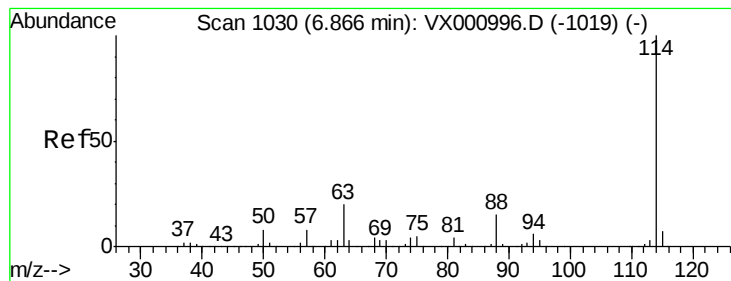
67 50.9 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001115.D

Acq: 25 Apr 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0425WBL01

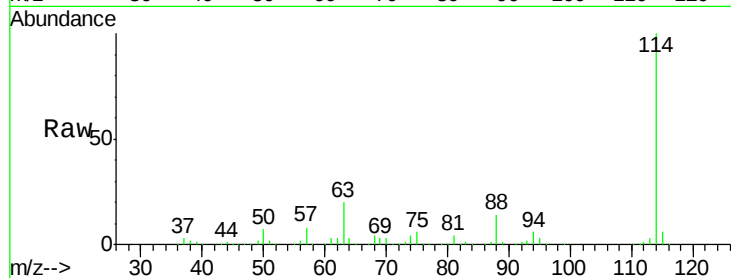
Tot Ion:114 Resp: 334951

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.4

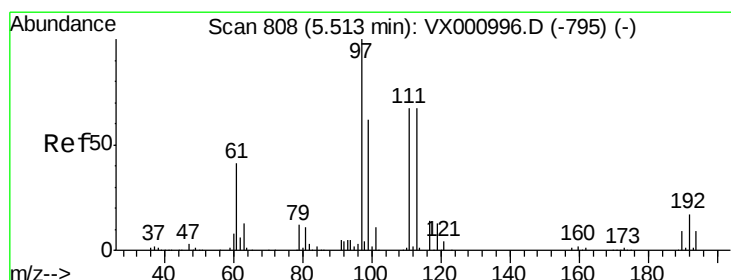
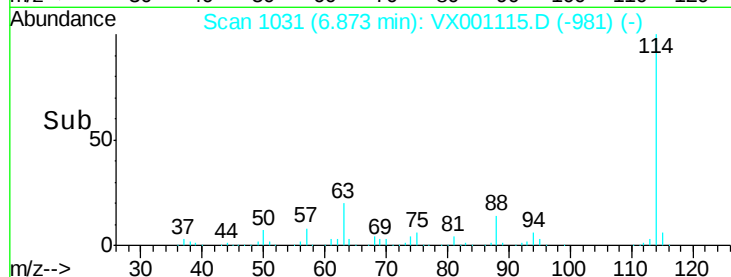
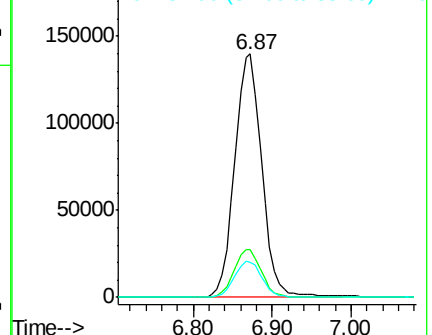
88 14.4 0.0 29.8



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: 51.18 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001115.D

Acq: 25 Apr 2018 12:18

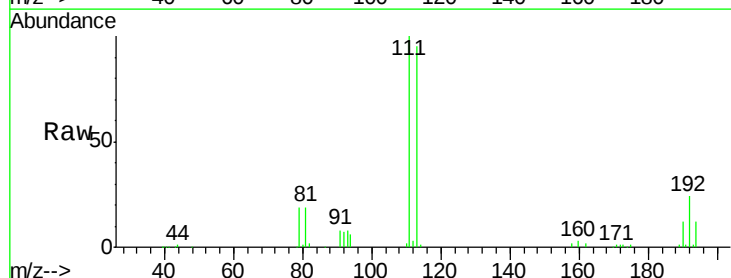
Tgt Ion:113 Resp: 130709

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.2

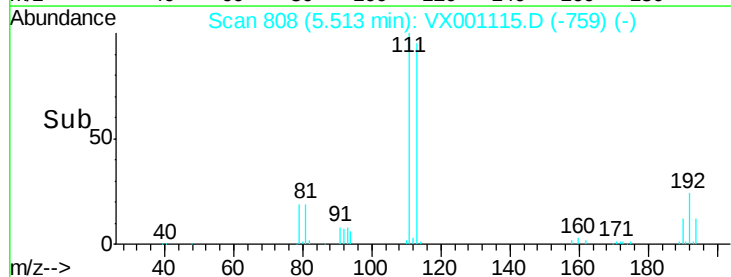
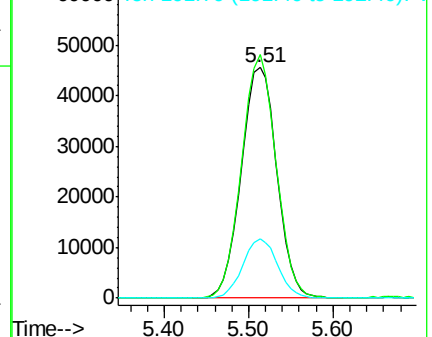
192 25.2 20.4 30.6

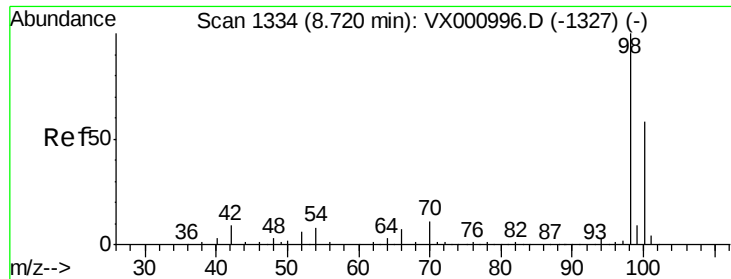


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.67 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001115.D

Acq: 25 Apr 2018 12:18

Instrument :

MSVOA_X

ClientSampleId :

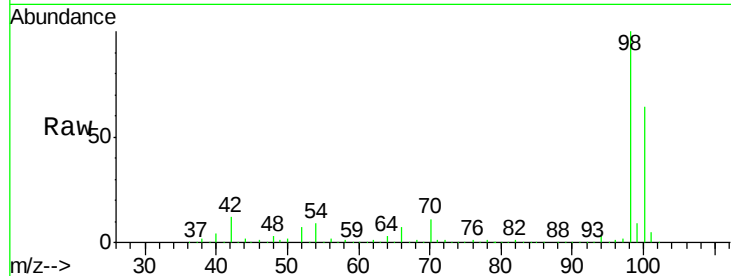
VX0425WBL01

Tot Ion: 98 Resp: 506910

Ion Ratio Lower Upper

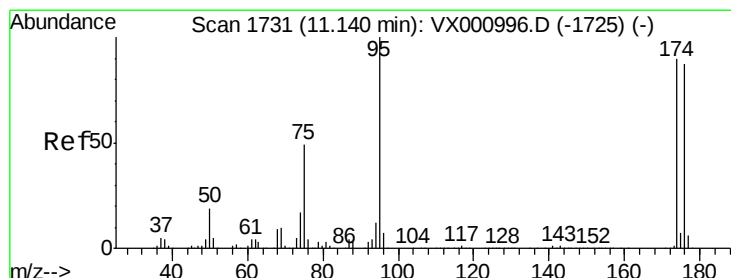
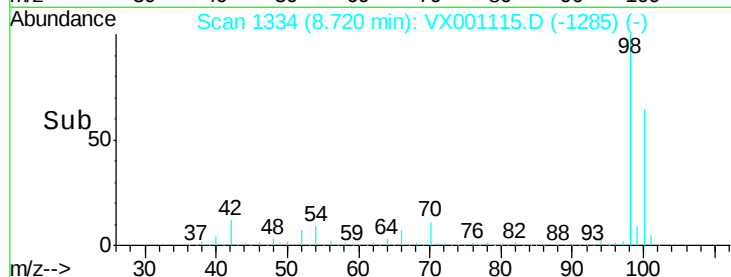
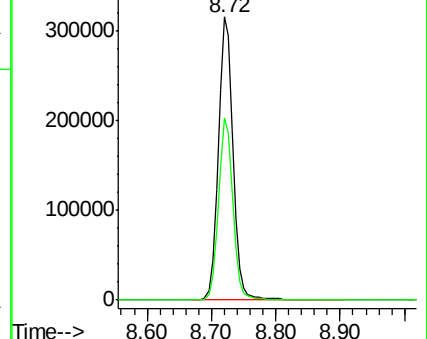
98 100

100 63.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 44.46 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001115.D

Acq: 25 Apr 2018 12:18

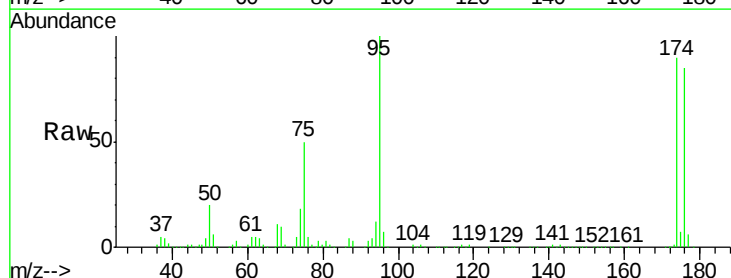
Tgt Ion: 95 Resp: 176200

Ion Ratio Lower Upper

95 100

174 98.2 0.0 198.4

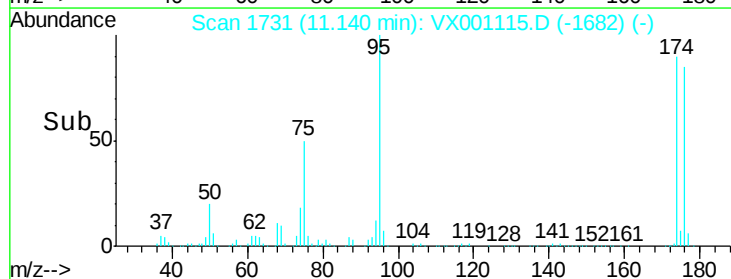
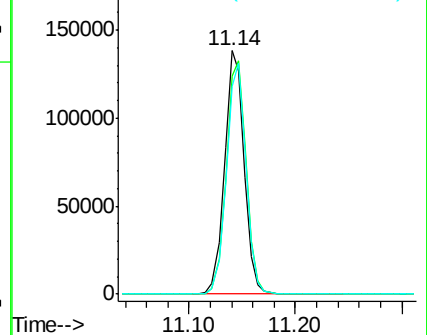
176 94.9 0.0 192.0

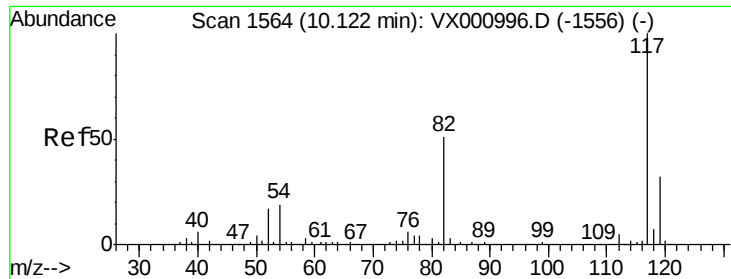


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

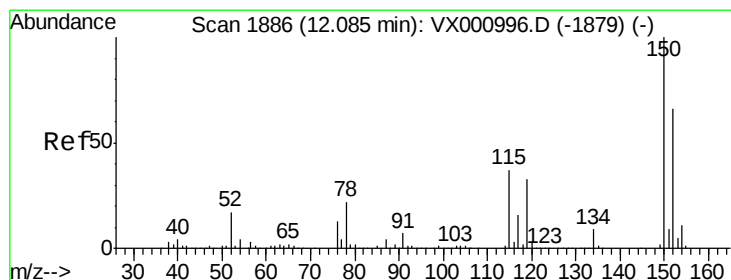
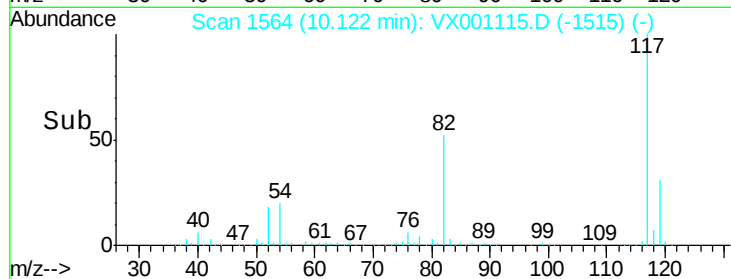
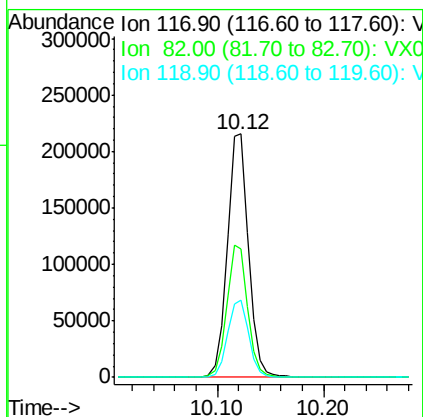
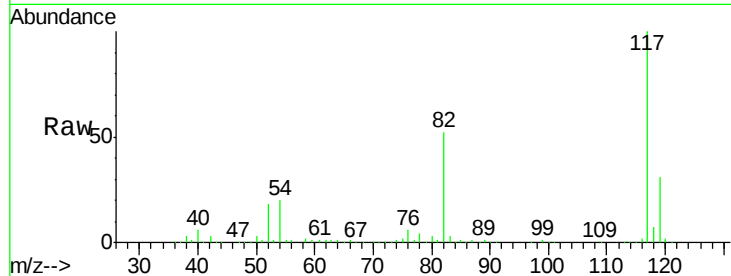




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001115.D
Acq: 25 Apr 2018 12:18

Instrument :
MSVOA_X
ClientSampled :
VX0425WBL01

Tot Ion:117 Resp: 300601
Ion Ratio Lower Upper
117 100
82 52.5 40.6 60.8
119 31.5 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001115.D
Acq: 25 Apr 2018 12:18

Tgt Ion:152 Resp: 170171
Ion Ratio Lower Upper
152 100
115 53.9 38.2 114.6
150 156.8 0.0 350.4

