

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110118\
 Data File : VX005736.D
 Acq On : 01 Nov 2018 18:18
 Operator : JC/MD
 Sample : PB114370ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB114370ZHE#02

Quant Time: Nov 01 19:04:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	128911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	204689	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	179127	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	76822	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	95067	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
35) Dibromofluoromethane	5.51	113	70391	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
50) Toluene-d8	8.71	98	252596	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
62) 4-Bromofluorobenzene	11.14	95	82564	45.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.00%	

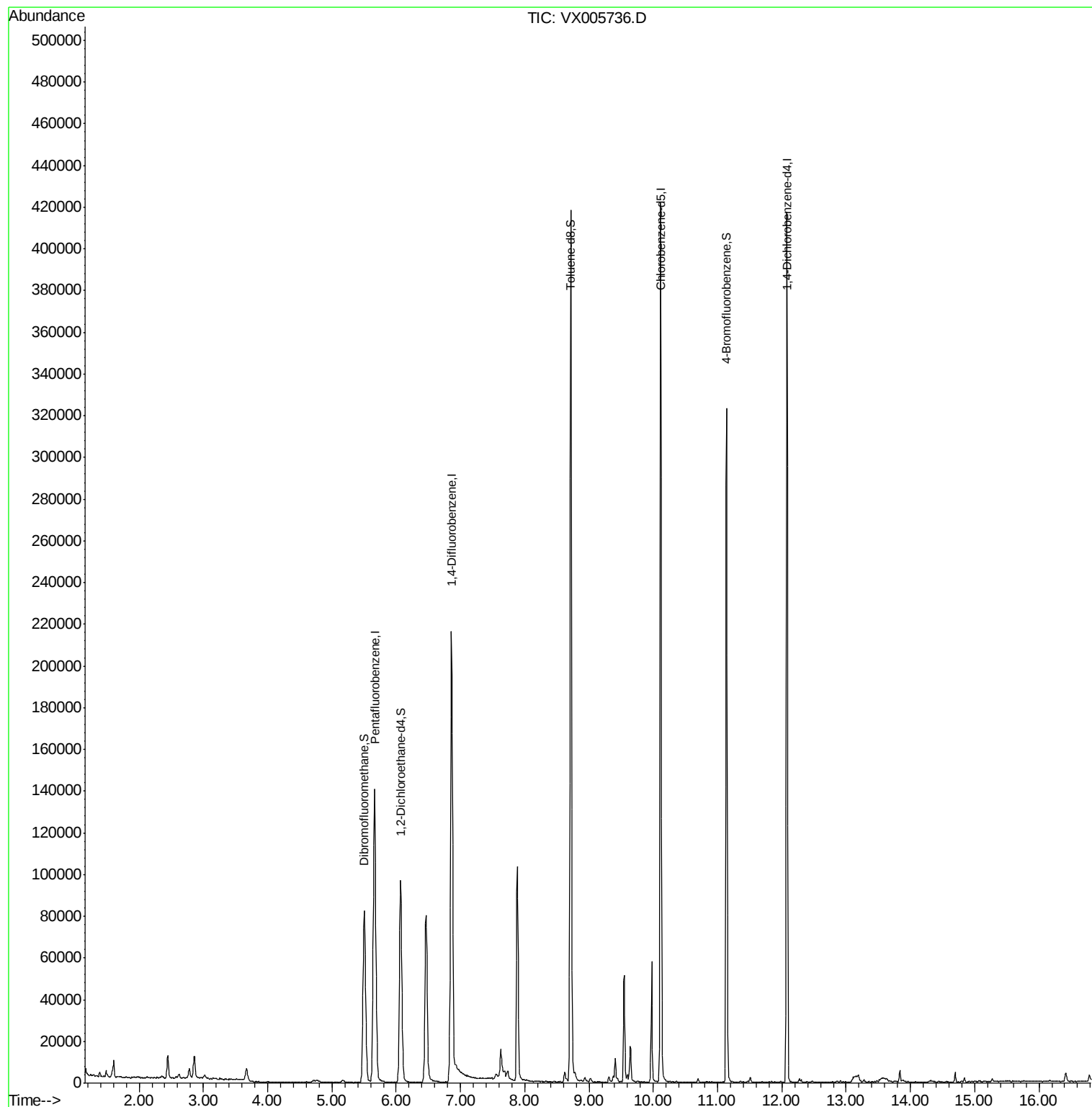
Target Compounds	Qvalue

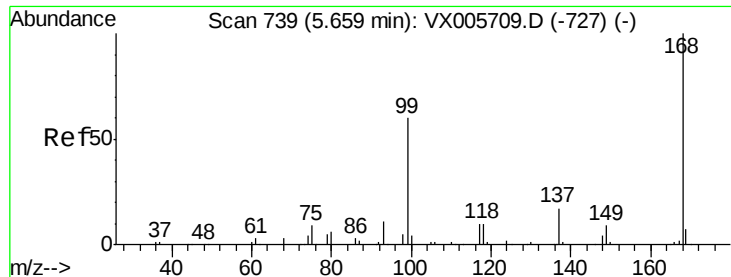
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005736.D

Acq: 01 Nov 2018 18:18

Instrument :

MSVOA_X

ClientSampleId :

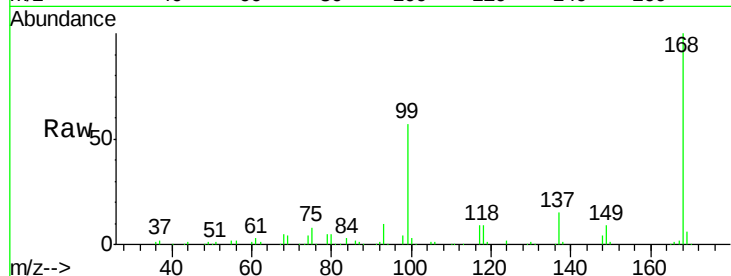
PB114370ZHE#02

Tgt Ion:168 Resp: 128911

Ion Ratio Lower Upper

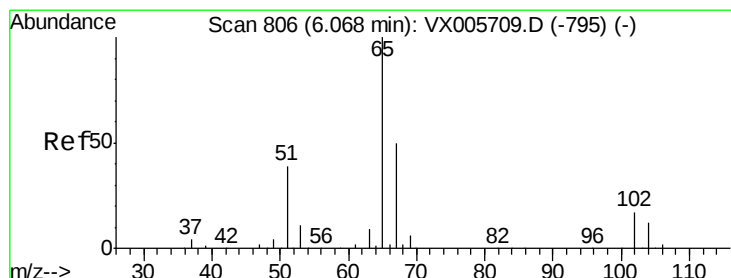
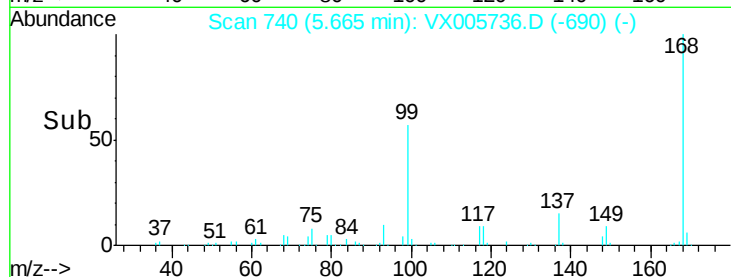
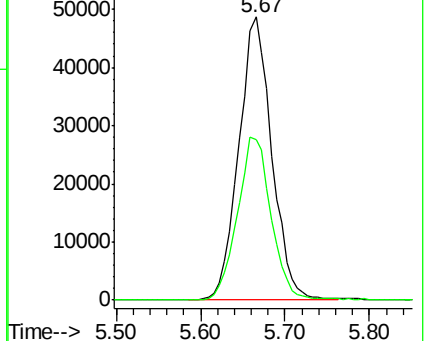
168 100

99 56.6 40.7 61.1



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: 50.441 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005736.D

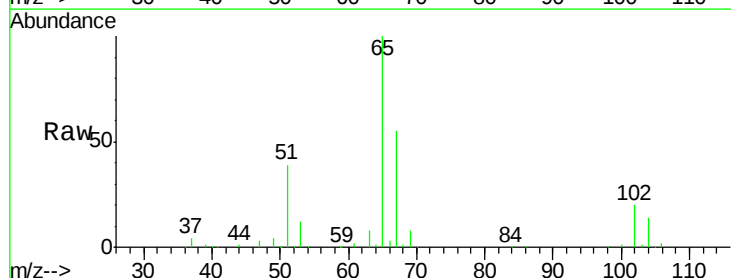
Acq: 01 Nov 2018 18:18

Tgt Ion: 65 Resp: 95067

Ion Ratio Lower Upper

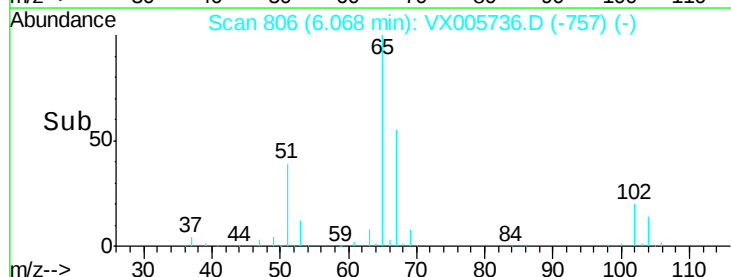
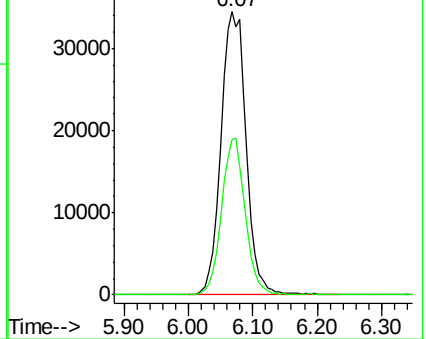
65 100

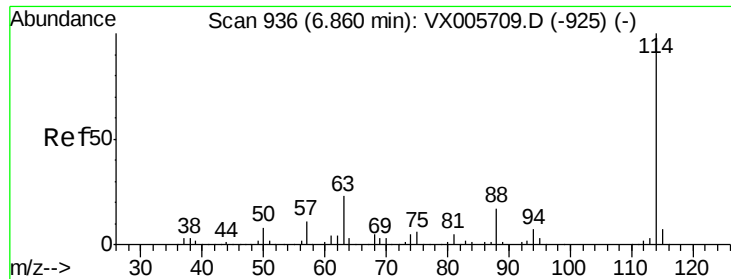
67 51.9 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

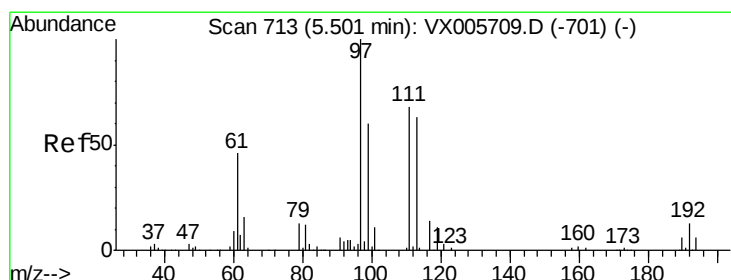
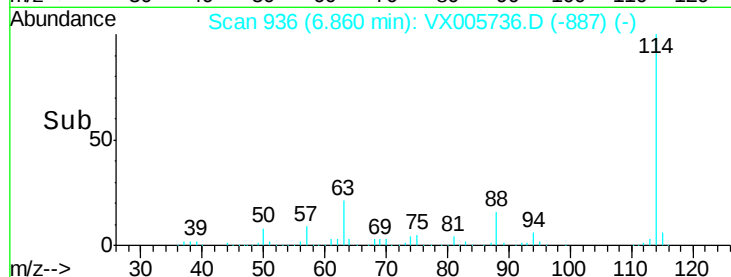
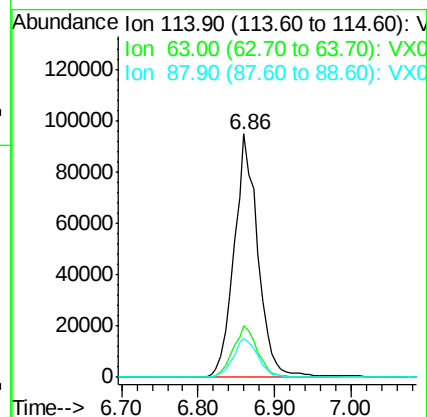
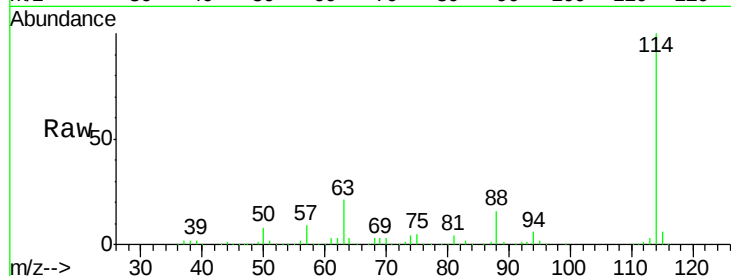




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005736.D
 Acq: 01 Nov 2018 18:18

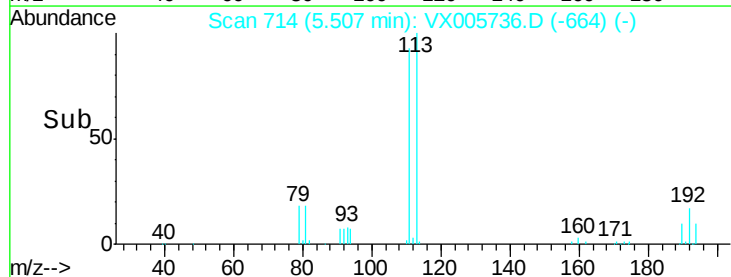
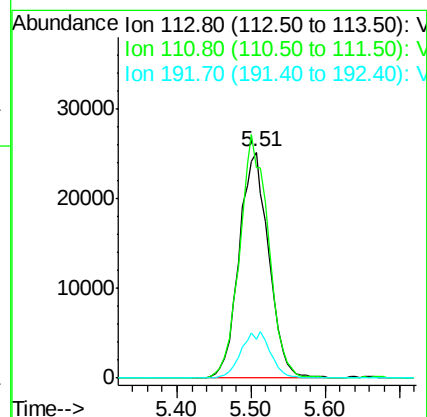
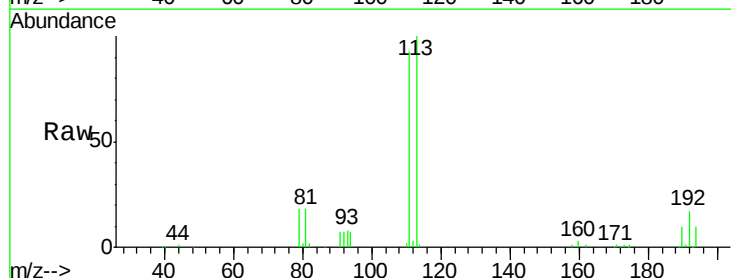
Instrument :
 MSVOA_X
 ClientSampleId :
 PB114370ZHE#02

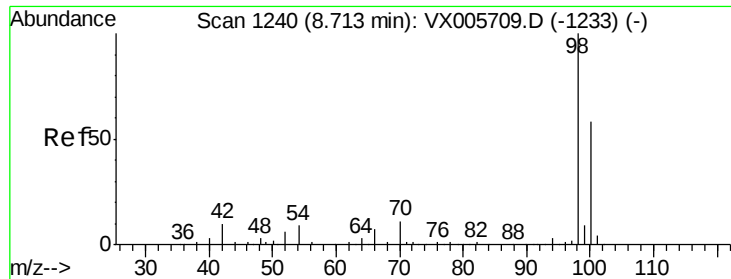
Tgt Ion:114 Resp: 204689
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.8
 88 15.9 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 49.666 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005736.D
 Acq: 01 Nov 2018 18:18

Tgt Ion:113 Resp: 70391
 Ion Ratio Lower Upper
 113 100
 111 104.6 82.3 123.5
 192 20.3 17.9 26.9

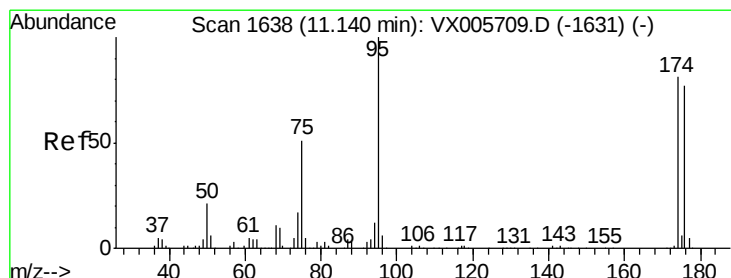
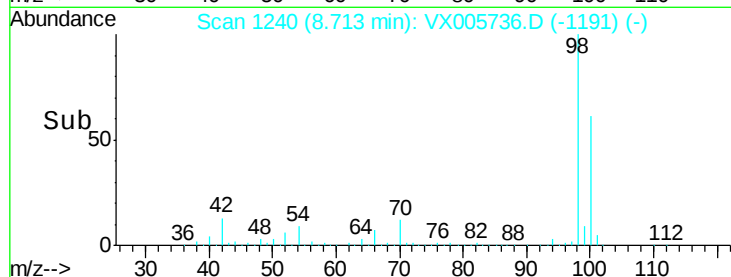
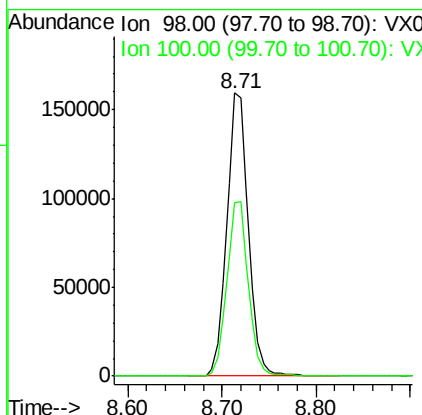
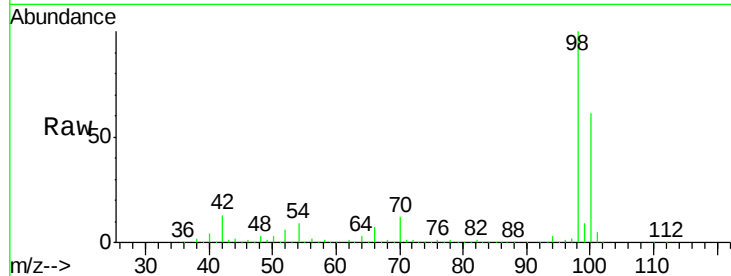




#50
Toluene-d8
Concen: 50.815 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005736.D
Acq: 01 Nov 2018 18:18

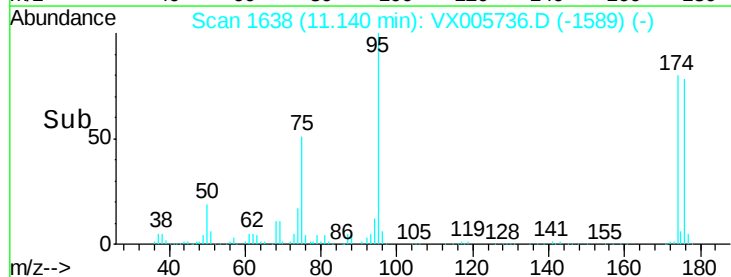
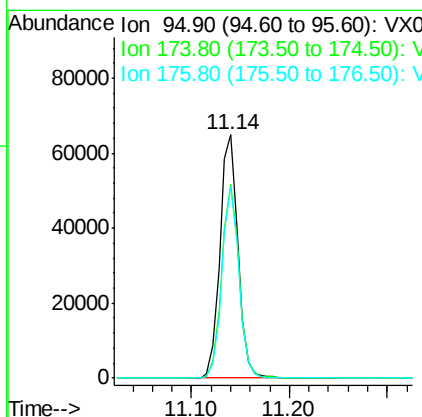
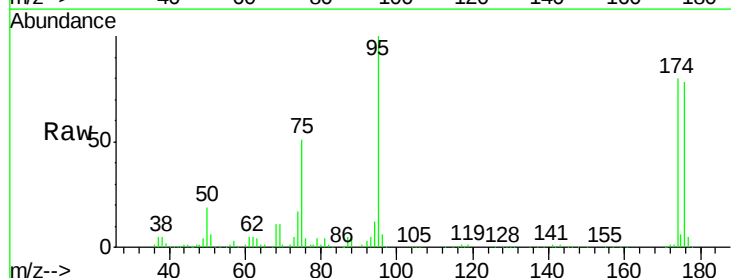
Instrument :
MSVOA_X
ClientSampleId :
PB114370ZHE#02

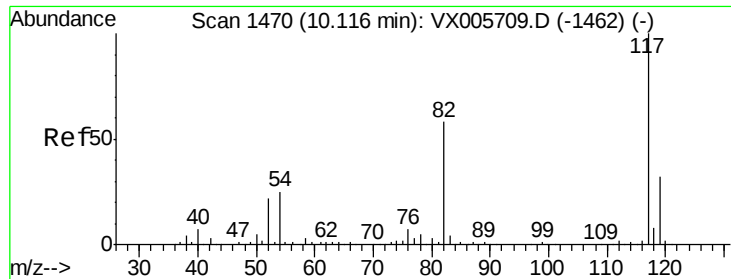
Tgt Ion: 98 Resp: 252596
Ion Ratio Lower Upper
98 100
100 61.5 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 45.004 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005736.D
Acq: 01 Nov 2018 18:18

Tgt Ion: 95 Resp: 82564
Ion Ratio Lower Upper
95 100
174 77.5 0.0 184.4
176 74.7 0.0 177.4

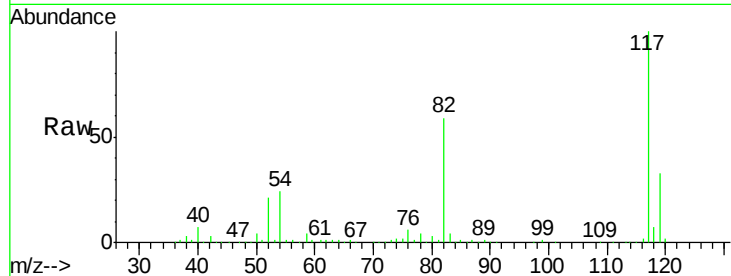




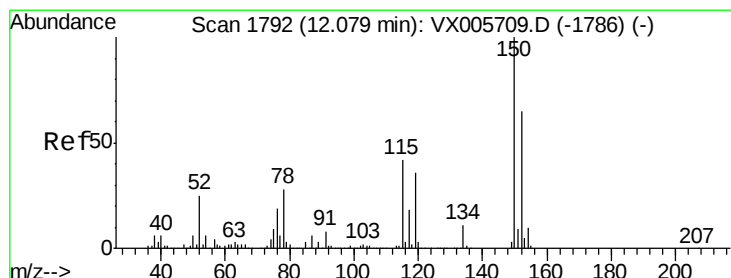
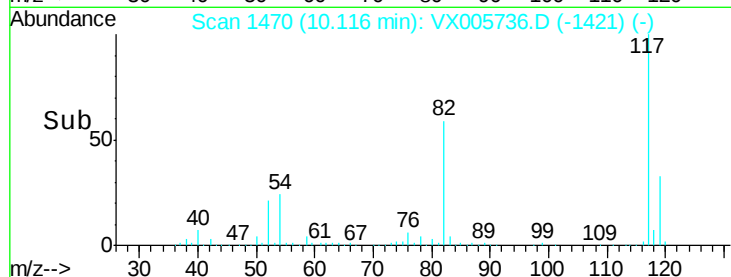
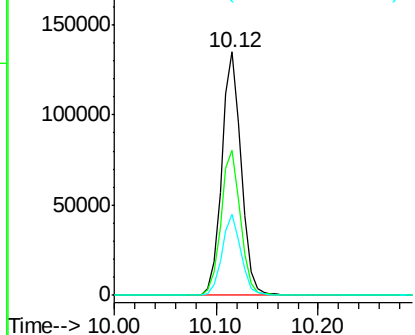
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005736.D
Acq: 01 Nov 2018 18:18

Instrument :
MSVOA_X
ClientSampleId :
PB114370ZHE#02

Tgt Ion:117 Resp: 179127
Ion Ratio Lower Upper
117 100
82 59.5 44.1 66.1
119 33.2 26.2 39.2

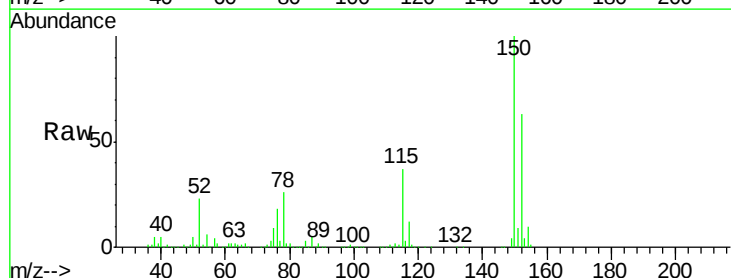


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005736.D
Acq: 01 Nov 2018 18:18

Tgt Ion:152 Resp: 76822
Ion Ratio Lower Upper
152 100
115 60.9 39.4 118.1
150 159.2 0.0 346.4



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

