

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041819\
 Data File : VX009052.D
 Acq On : 18 Apr 2019 18:29
 Operator : JC/SP
 Sample : K2461-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PZ-02

Quant Time: Apr 19 09:30:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	229877	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	371443	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	319173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	135244	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	156415	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
35) Dibromofluoromethane	5.50	113	113868	47.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.54%	
50) Toluene-d8	8.71	98	461975	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
62) 4-Bromofluorobenzene	11.13	95	152324	45.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.78%	

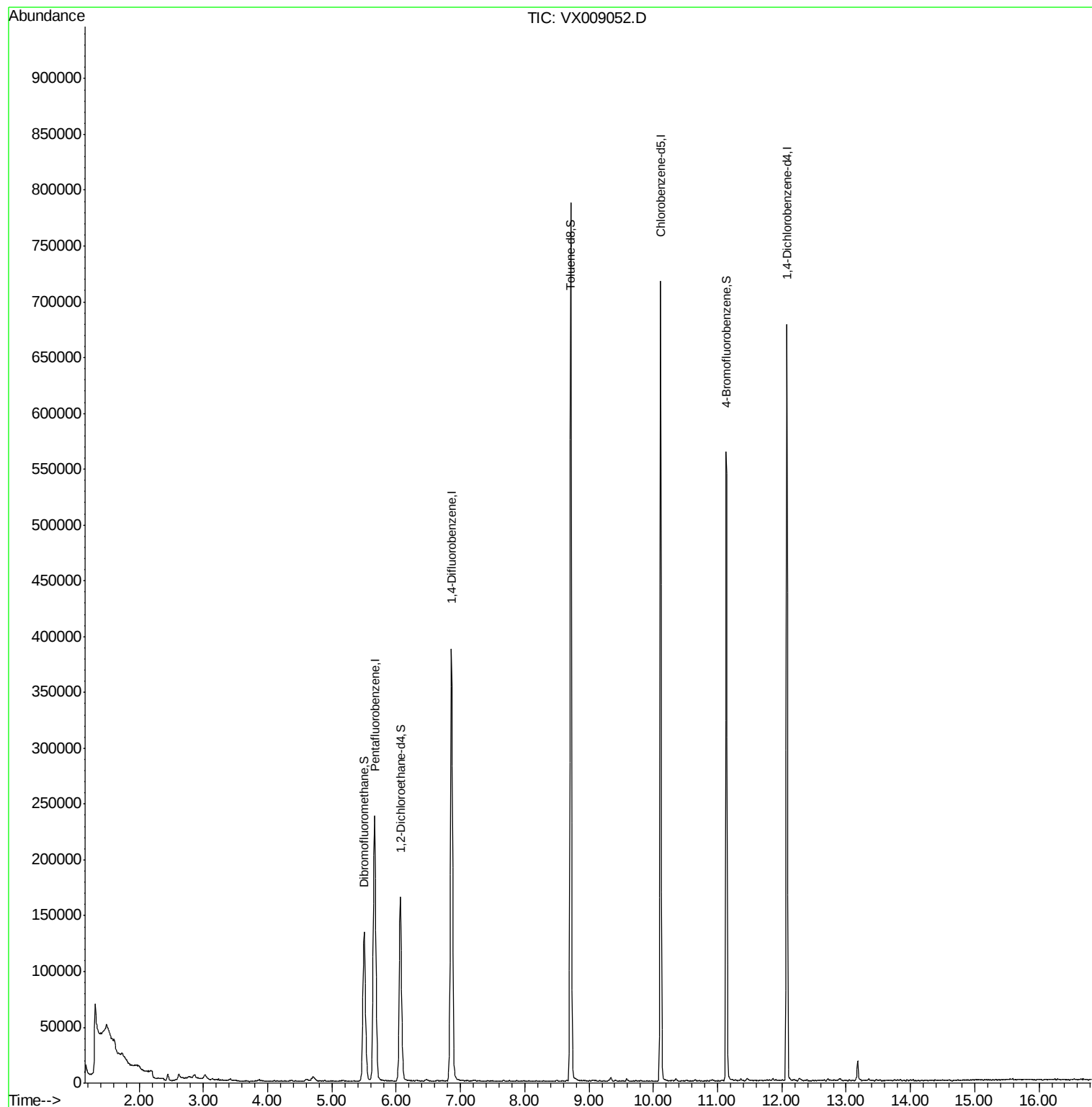
Target Compounds	Qvalue
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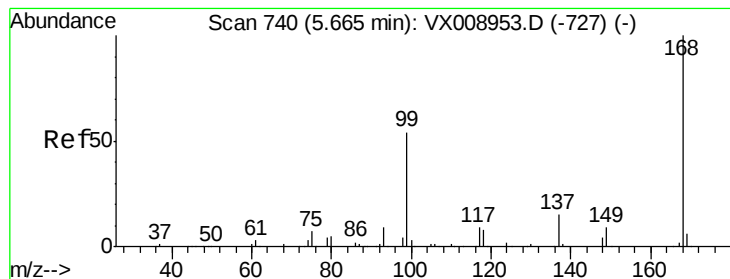
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009052.D

Acq: 18 Apr 2019 18:29

Instrument :

MSVOA_X

ClientSampleId :

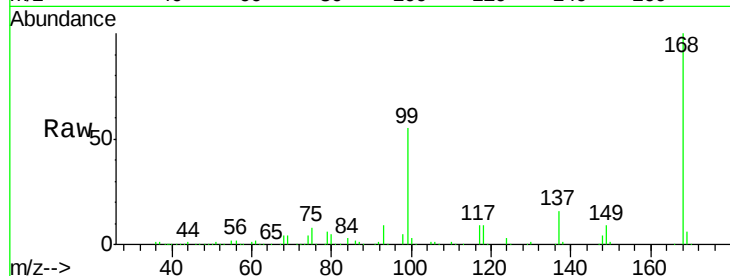
PZ-02

Tot Ion:168 Resp: 229877

Ion Ratio Lower Upper

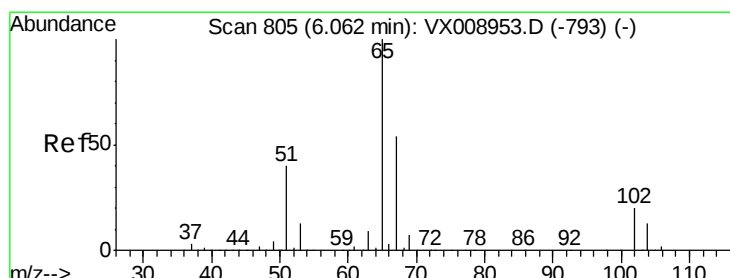
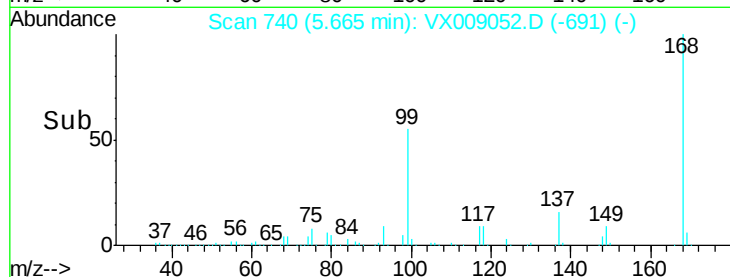
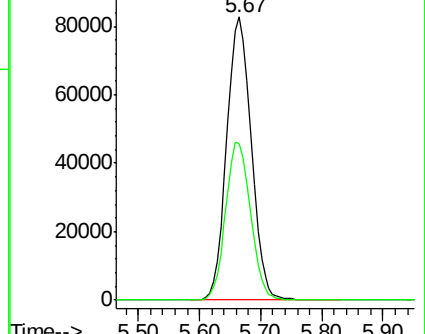
168 100

99 55.3 43.0 64.6



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: 48.282 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX009052.D

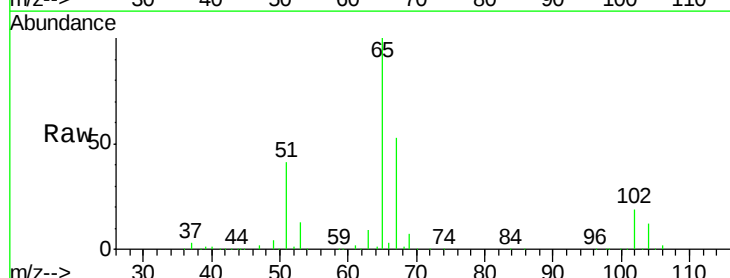
Acq: 18 Apr 2019 18:29

Tgt Ion: 65 Resp: 156415

Ion Ratio Lower Upper

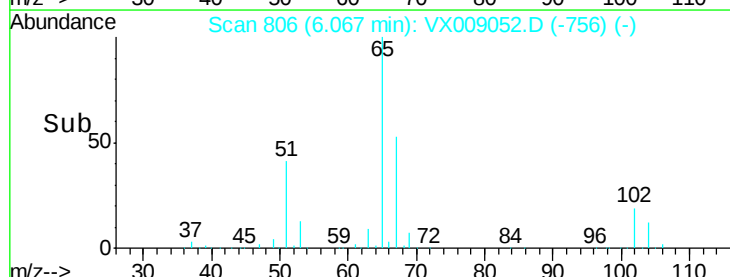
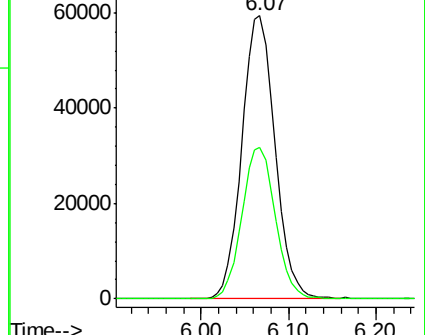
65 100

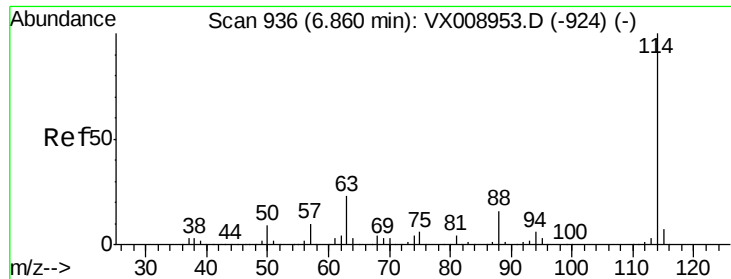
67 54.1 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

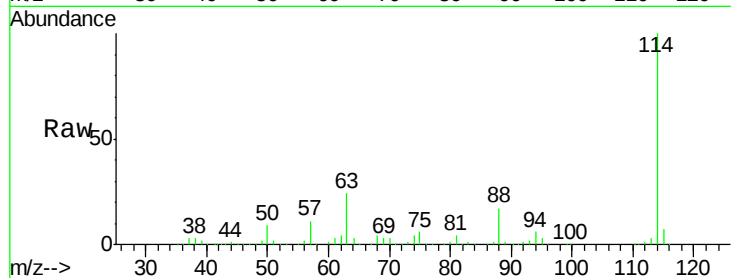




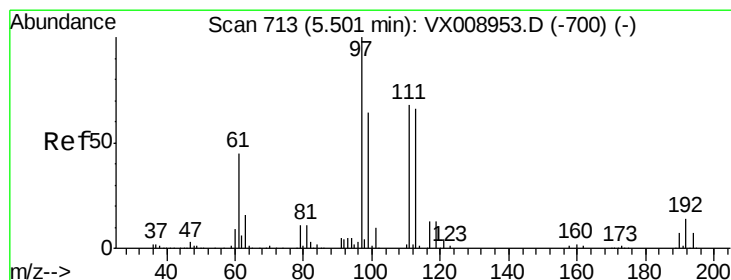
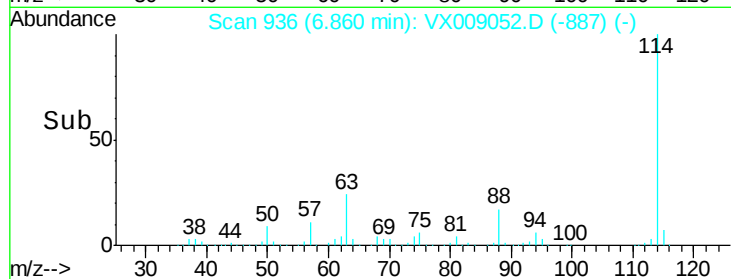
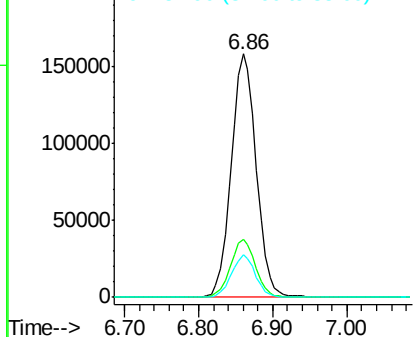
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009052.D
 Acq: 18 Apr 2019 18:29

Instrument :
 MSVOA_X
 ClientSampleId :
 PZ-02

Tot Ion:114 Resp: 371443
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 46.0
 88 17.3 0.0 32.6

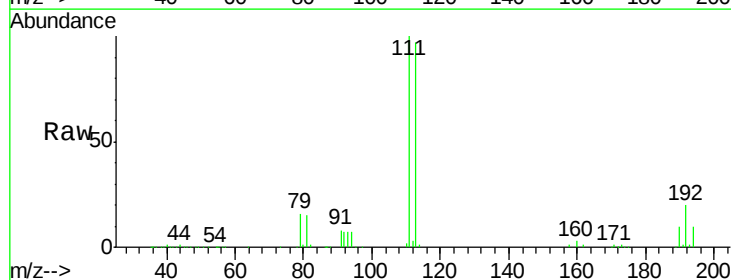


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

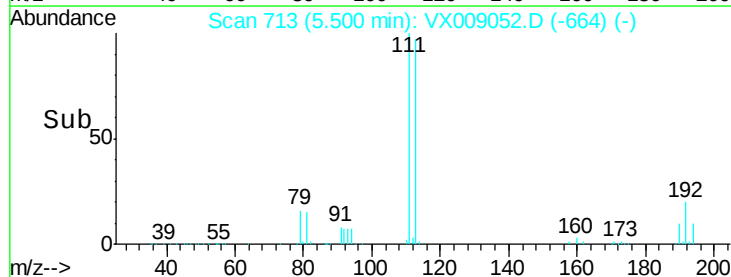
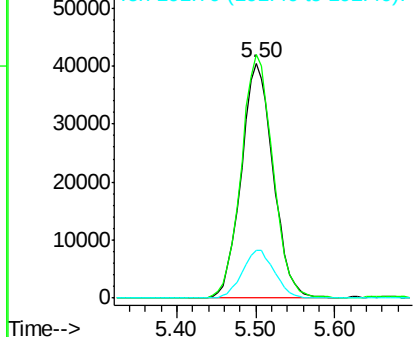


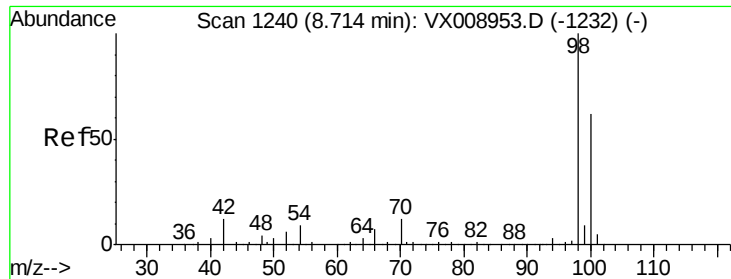
#35
 Dibromofluoromethane
 Concen: 47.767 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX009052.D
 Acq: 18 Apr 2019 18:29

Tgt Ion:113 Resp: 113868
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.9 124.3
 192 20.6 17.4 26.0



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

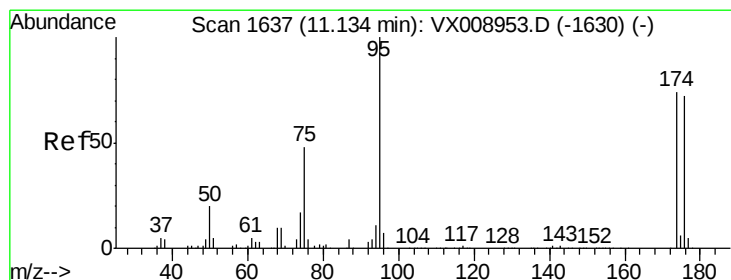
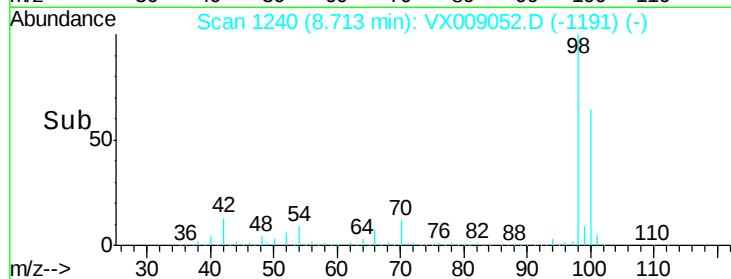
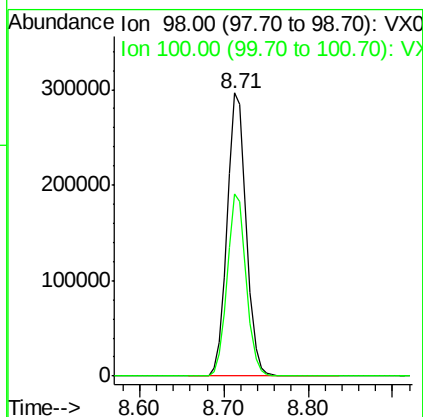
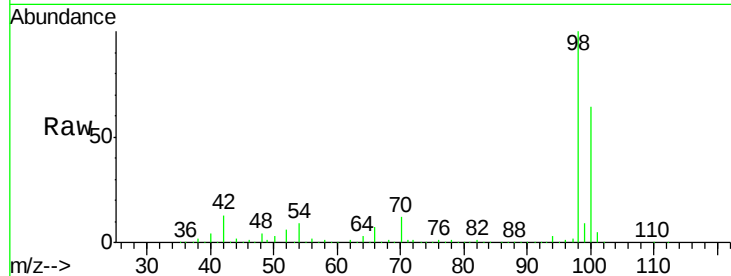




#50
Toluene-d8
Concen: 48.594 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009052.D
Acq: 18 Apr 2019 18:29

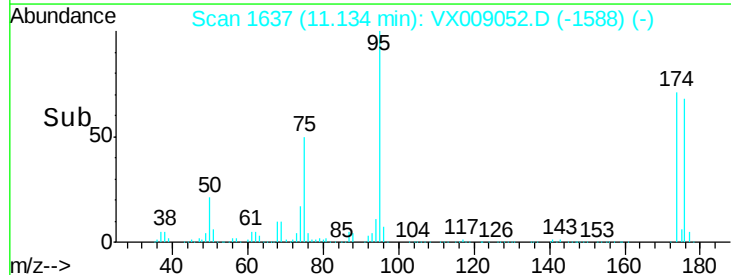
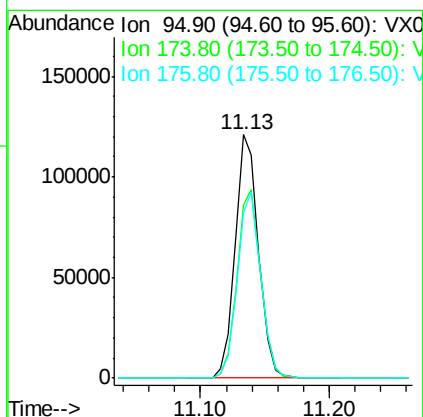
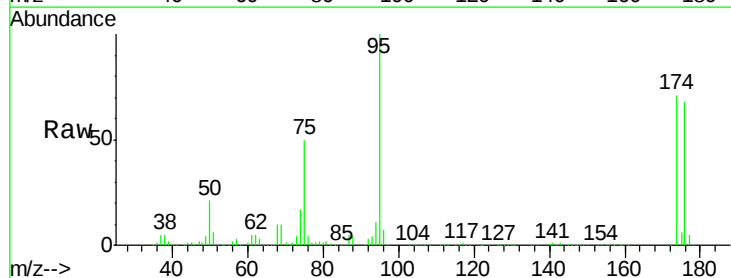
Instrument :
MSVOA_X
ClientSampleId :
PZ-02

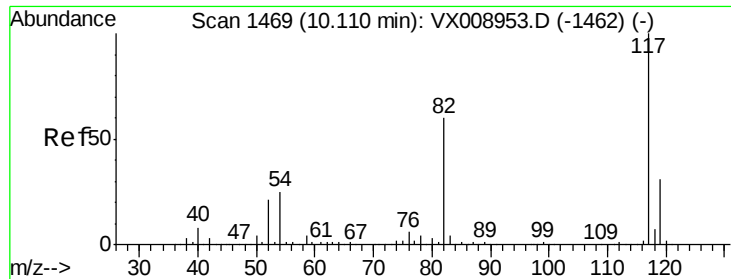
Tot Ion: 98 Resp: 461975
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 45.389 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009052.D
Acq: 18 Apr 2019 18:29

Tgt Ion: 95 Resp: 152324
Ion Ratio Lower Upper
95 100
174 78.4 0.0 159.6
176 76.1 0.0 154.8

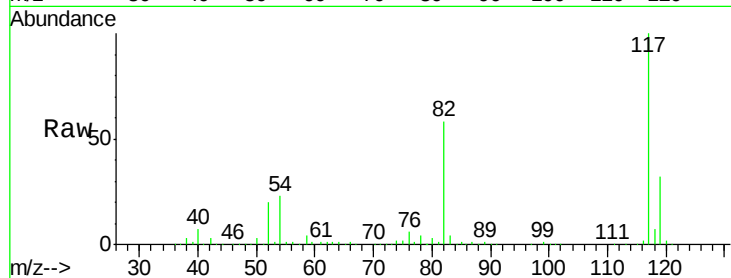




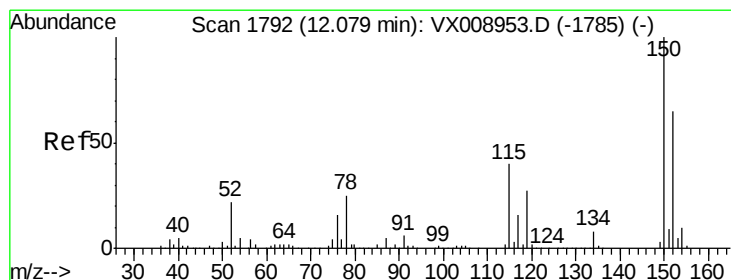
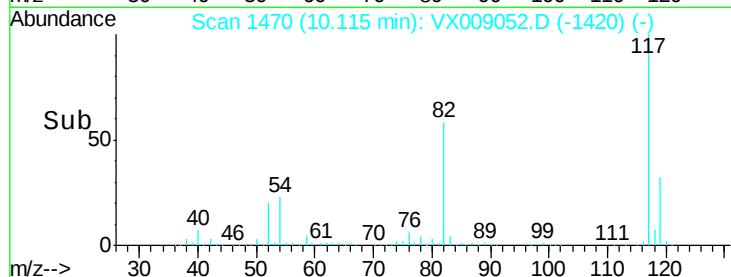
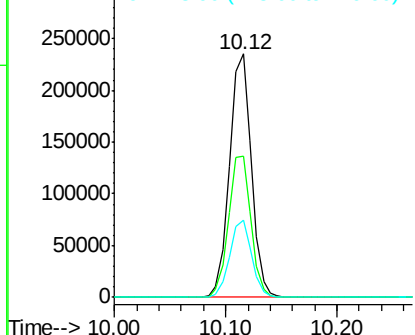
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009052.D
Acq: 18 Apr 2019 18:29

Instrument :
MSVOA_X
ClientSampleId :
PZ-02

Tot Ion:117 Resp: 319173
Ion Ratio Lower Upper
117 100
82 57.8 48.2 72.4
119 31.7 25.0 37.6

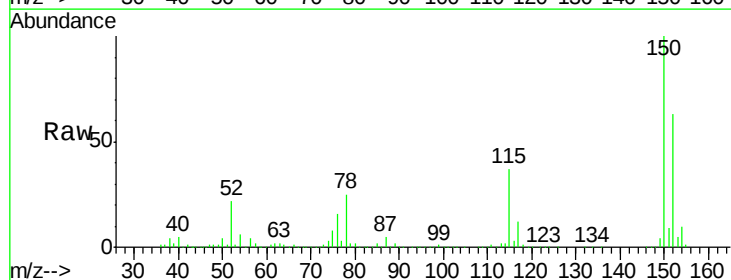


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009052.D
Acq: 18 Apr 2019 18:29

Tgt Ion:152 Resp: 135244
Ion Ratio Lower Upper
152 100
115 59.6 41.4 124.2
150 158.0 0.0 349.8



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

