

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110118\
 Data File : VX005734.D
 Acq On : 01 Nov 2018 17:24
 Operator : JC/MD
 Sample : PB114370TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB114370TB

Quant Time: Nov 01 18:33:03 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	5.66	168	130468	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	203994	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	185994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	83193	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	96574	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
35) Dibromofluoromethane	5.51	113	72277	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
50) Toluene-d8	8.72	98	260750	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
62) 4-Bromofluorobenzene	11.14	95	85959	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	

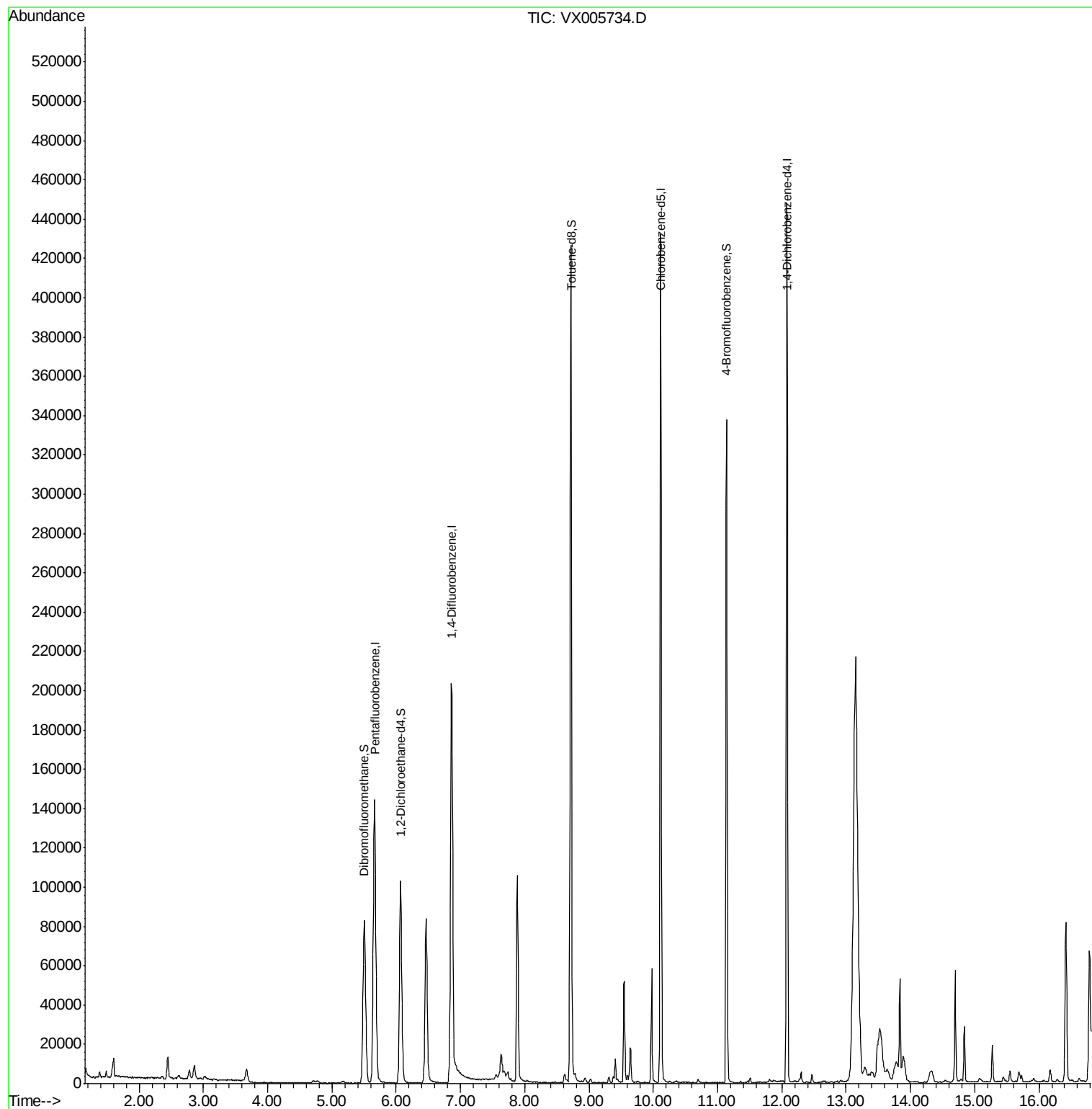
Target Compounds	Qvalue
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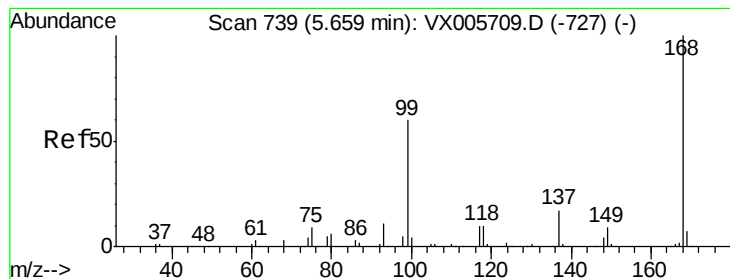
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 31 18:23:06 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX005734.D

Acq: 01 Nov 2018 17:24

Instrument :

MSVOA_X

ClientSampleId :

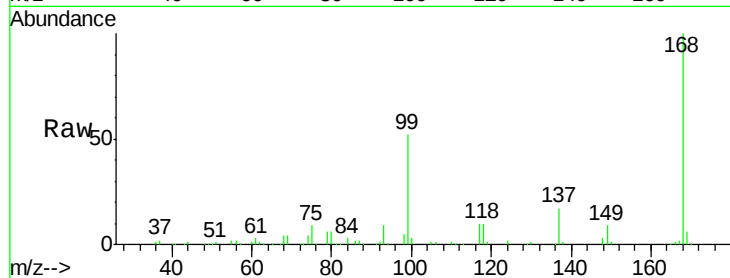
PB114370TB

Tgt Ion:168 Resp: 130468

Ion Ratio Lower Upper

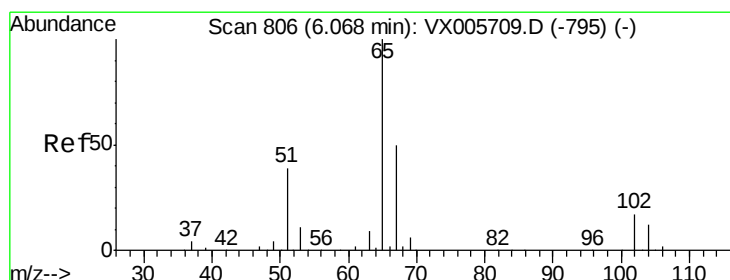
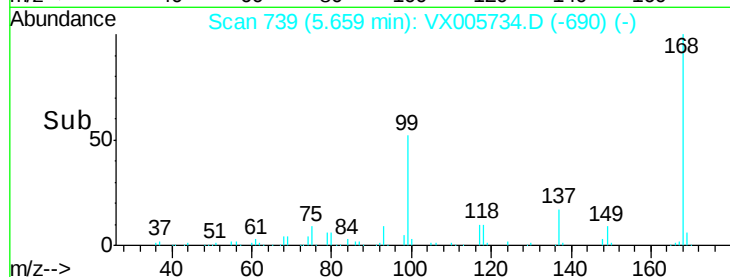
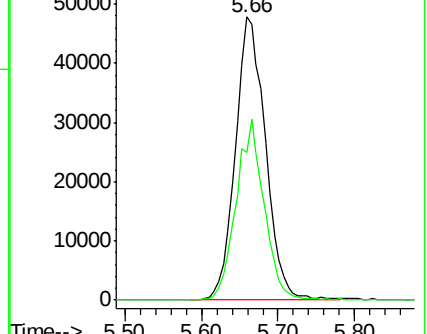
168 100

99 52.1 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: 50.629 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005734.D

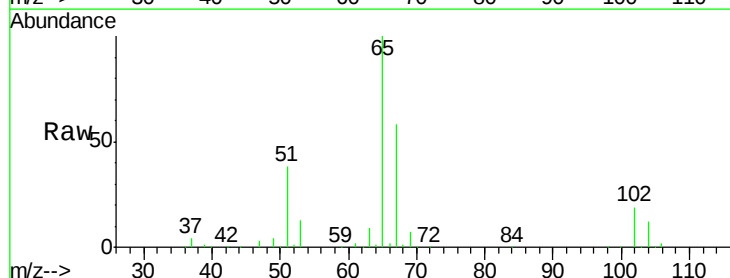
Acq: 01 Nov 2018 17:24

Tgt Ion: 65 Resp: 96574

Ion Ratio Lower Upper

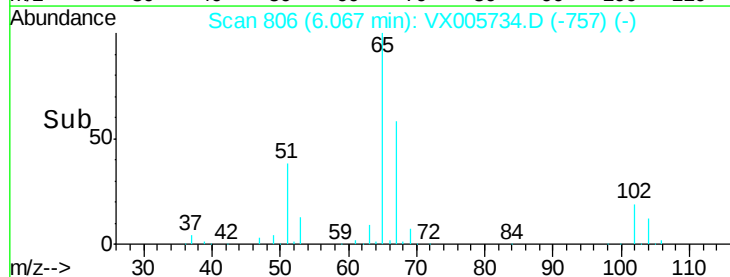
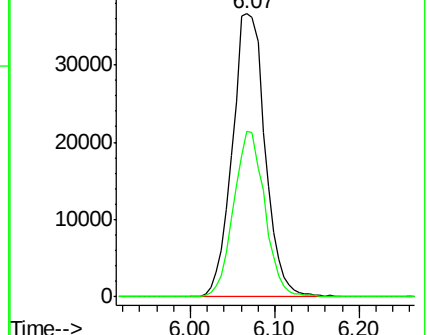
65 100

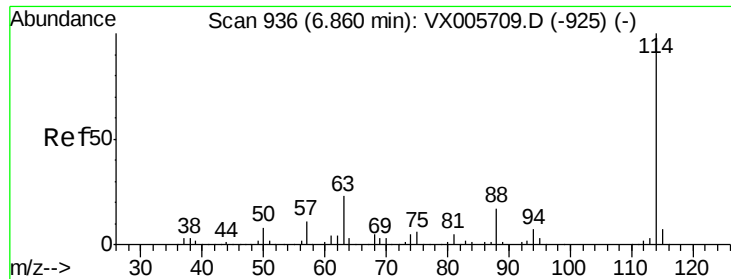
67 55.3 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

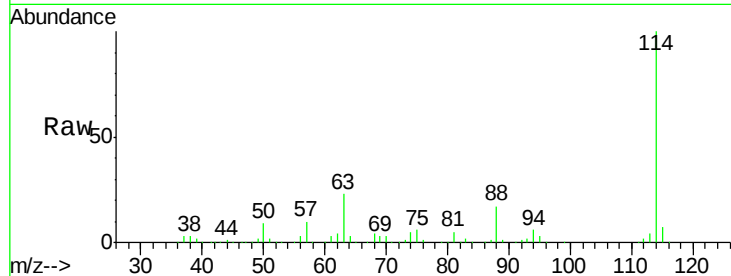




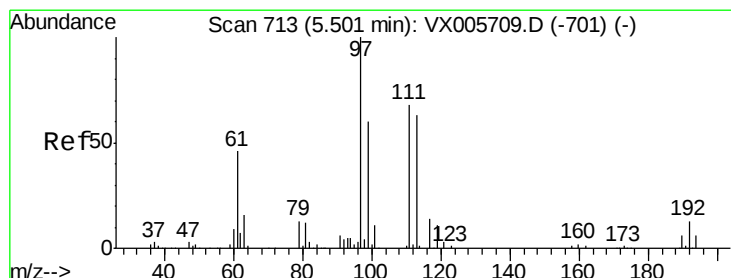
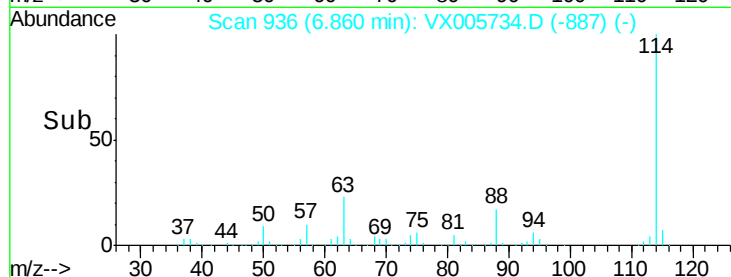
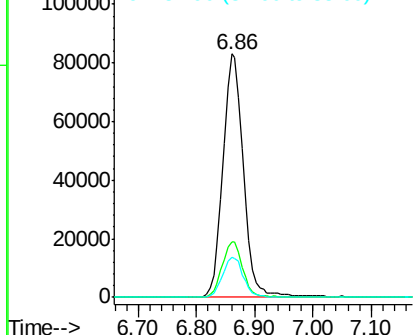
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005734.D
 Acq: 01 Nov 2018 17:24

Instrument :
 MSVOA_X
 ClientSampleId :
 PB114370TB

Tgt Ion:114 Resp: 203994
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 42.8
 88 16.6 0.0 31.2

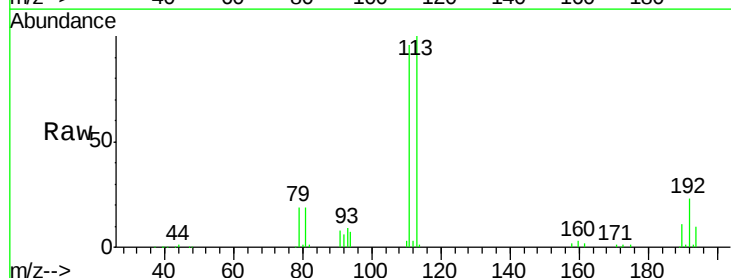


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

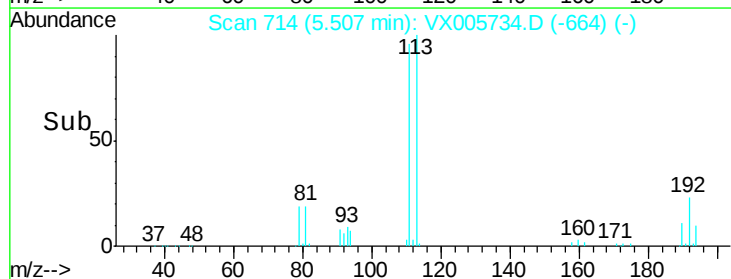
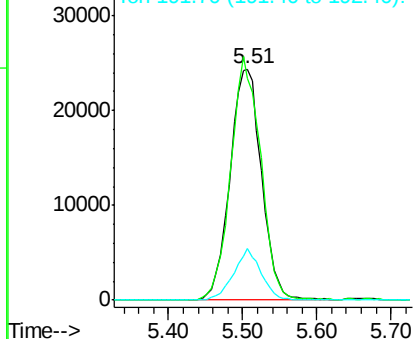


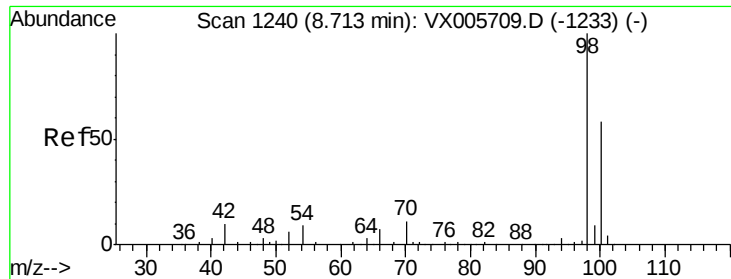
#35
 Dibromofluoromethane
 Concen: 51.171 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005734.D
 Acq: 01 Nov 2018 17:24

Tgt Ion:113 Resp: 72277
 Ion Ratio Lower Upper
 113 100
 111 100.0 82.3 123.5
 192 19.4 17.9 26.9



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

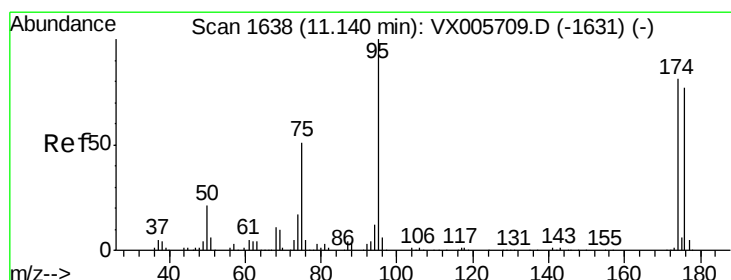
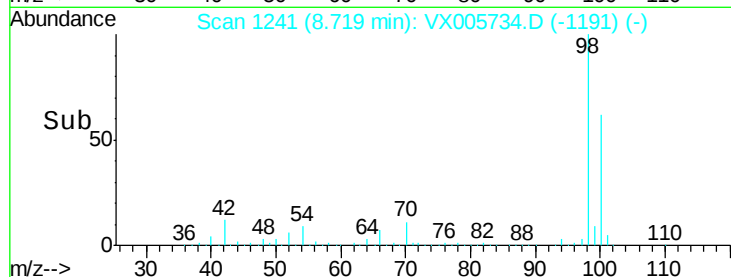
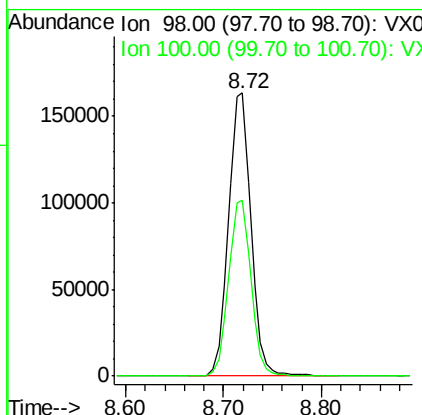
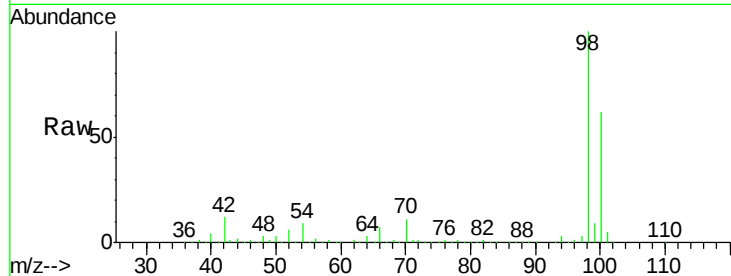




#50
Toluene-d8
Concen: 52.634 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005734.D
Acq: 01 Nov 2018 17:24

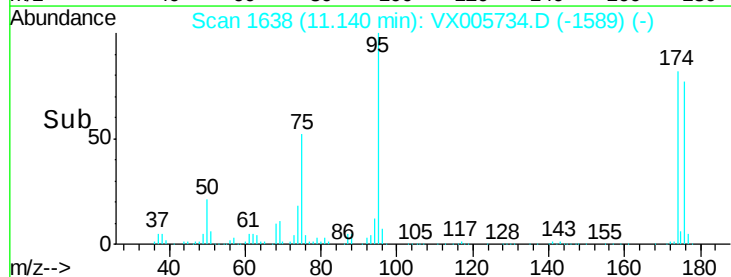
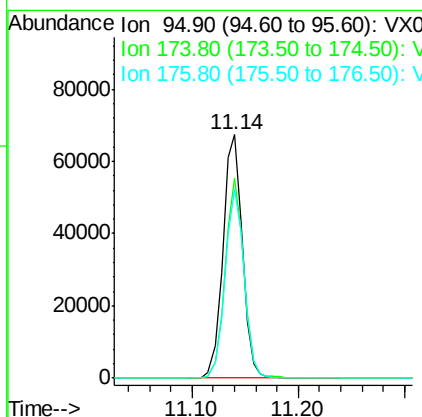
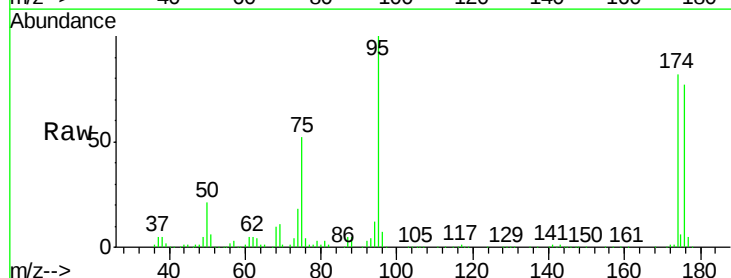
Instrument :
MSVOA_X
ClientSampleId :
PB114370TB

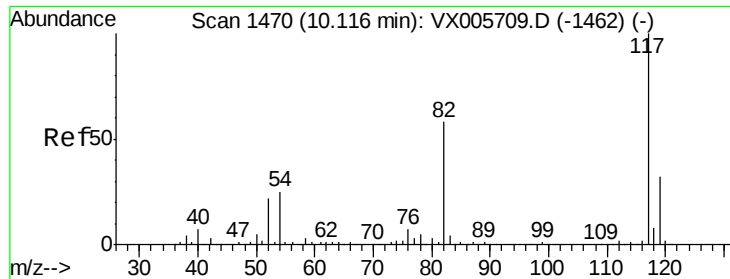
Tgt Ion: 98 Resp: 260750
Ion Ratio Lower Upper
98 100
100 62.4 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 47.014 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005734.D
Acq: 01 Nov 2018 17:24

Tgt Ion: 95 Resp: 85959
Ion Ratio Lower Upper
95 100
174 79.4 0.0 184.4
176 76.0 0.0 177.4

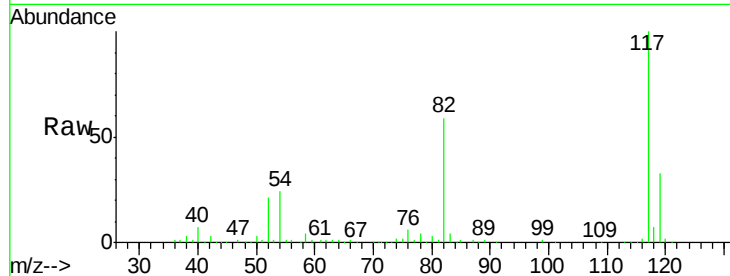




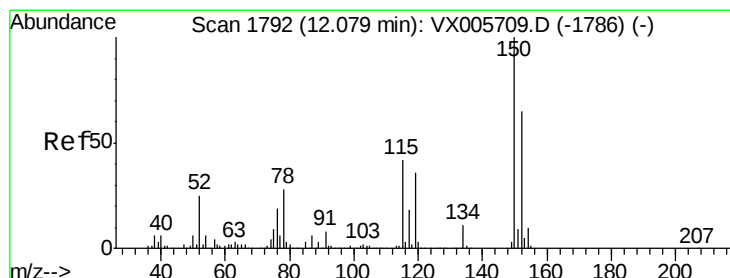
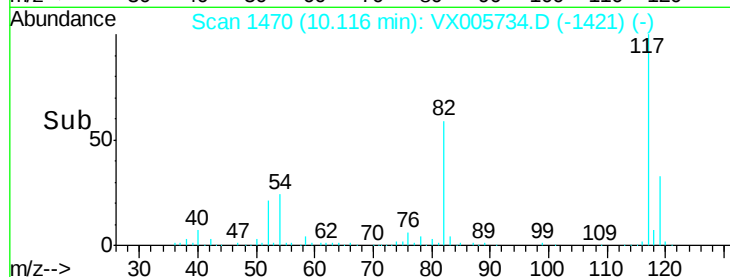
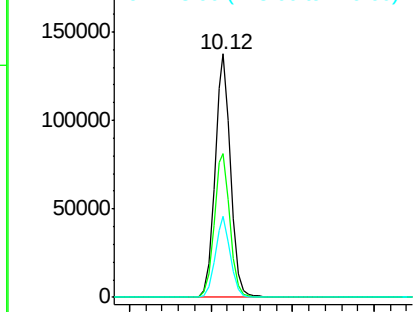
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005734.D
Acq: 01 Nov 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :
PB114370TB

Tgt Ion:117 Resp: 185994
Ion Ratio Lower Upper
117 100
82 59.1 44.1 66.1
119 33.1 26.2 39.2

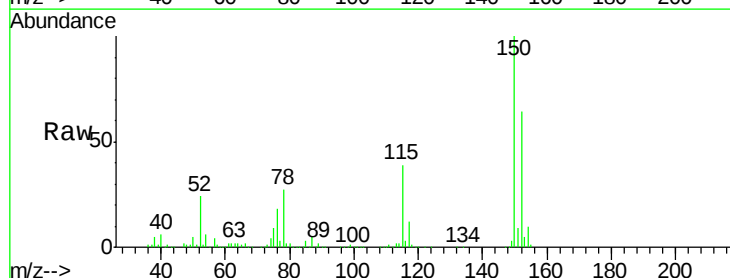


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005734.D
Acq: 01 Nov 2018 17:24

Tgt Ion:152 Resp: 83193
Ion Ratio Lower Upper
152 100
115 61.0 39.4 118.1
150 158.6 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

