

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102218\
 Data File : VX005506.D
 Acq On : 23 Oct 2018 08:06
 Operator : JC/MD
 Sample : J5603-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RAV-GT202

Quant Time: Oct 23 13:21:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	218628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	328716	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	284535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	135319	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	147719	60.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.76%	
35) Dibromofluoromethane	5.51	113	121840	55.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.92%	
50) Toluene-d8	8.72	98	382563	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
62) 4-Bromofluorobenzene	11.14	95	123330	43.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.84%	

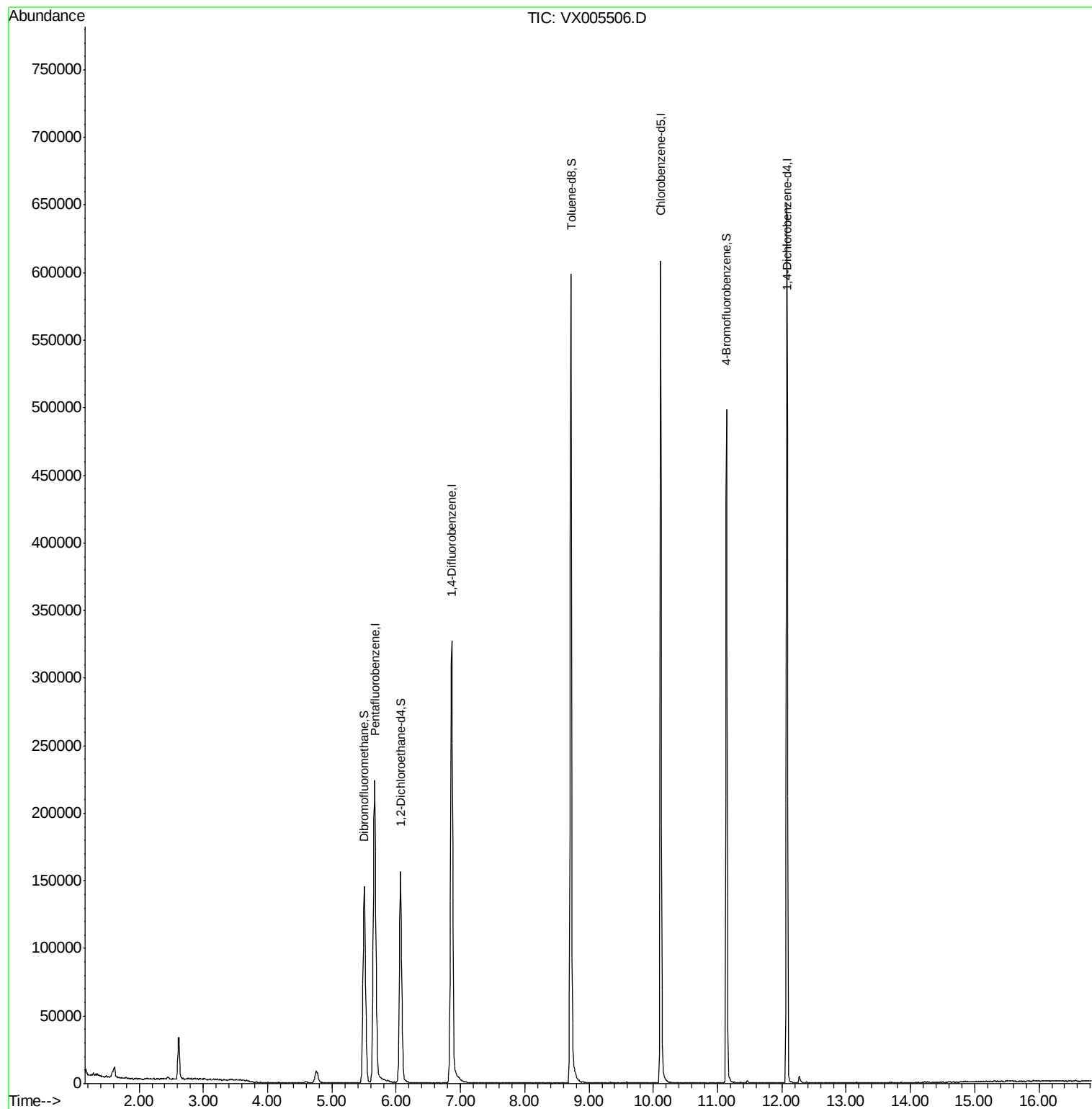
Target Compounds	Qvalue

(#) = 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. 0.00 min

Lab File: VX005506.D

Acq: 23 Oct 2018 08:06

Instrument :

MSVOA_X

ClientSampleId :

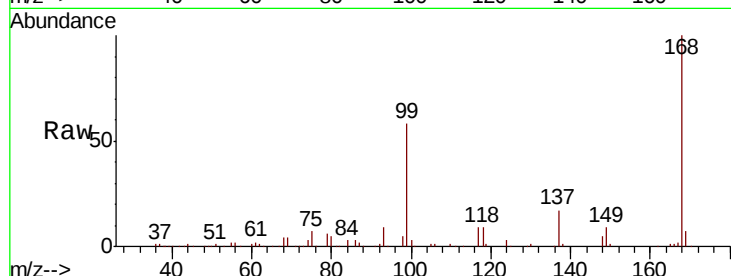
RAV-GT202

Tot Ion:168 Resp: 218628

Ion Ratio Lower Upper

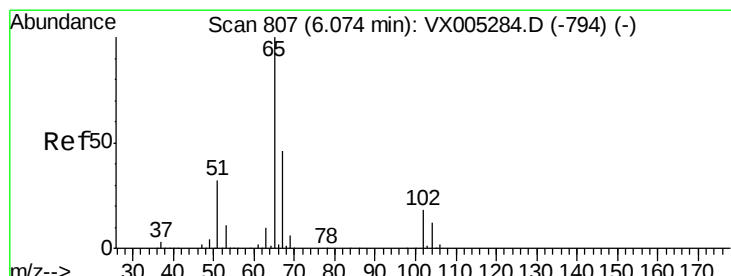
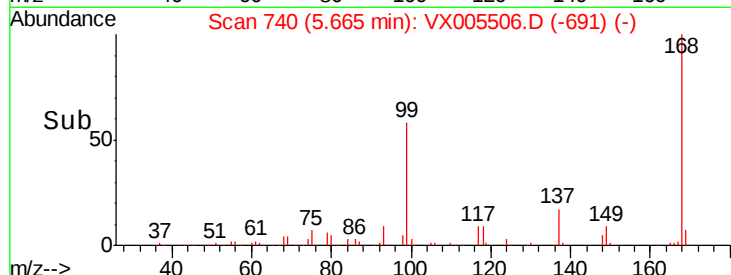
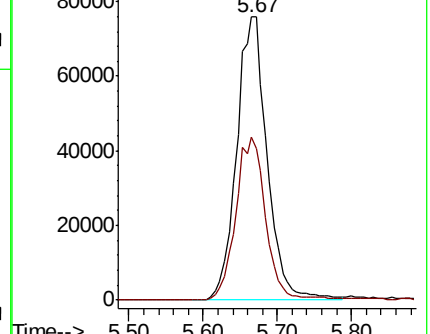
168 100

99 57.8 39.9 59.9



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: 60.879 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX005506.D

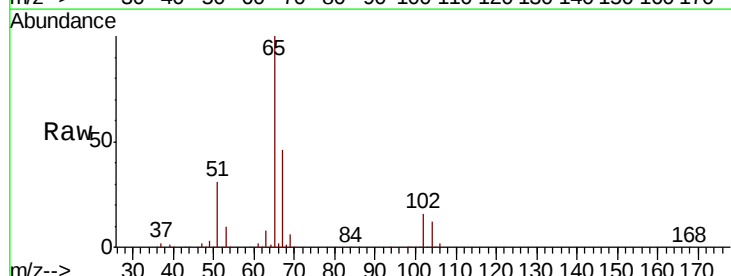
Acq: 23 Oct 2018 08:06

Tgt Ion: 65 Resp: 147719

Ion Ratio Lower Upper

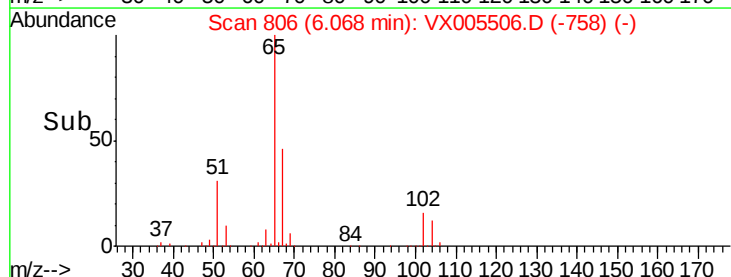
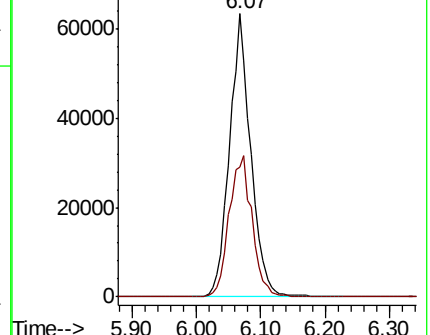
65 100

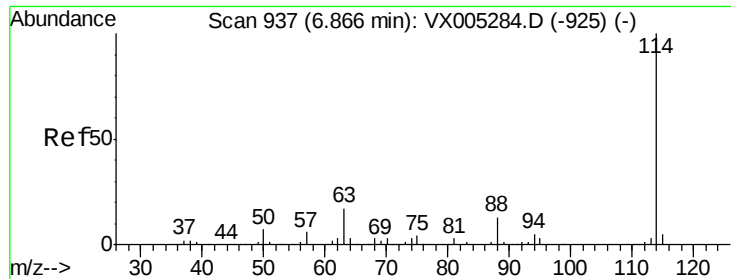
67 53.9 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

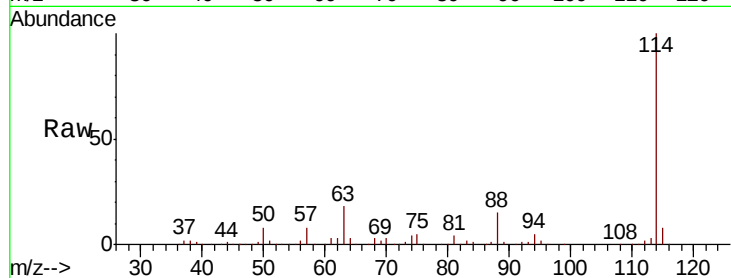




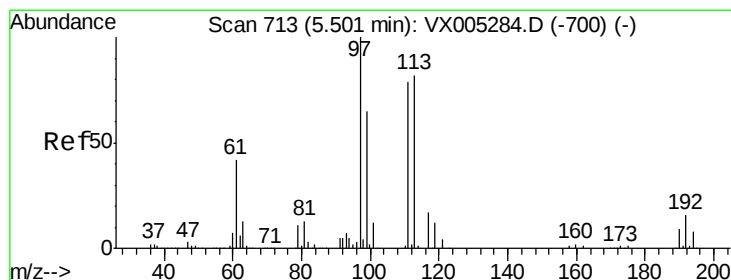
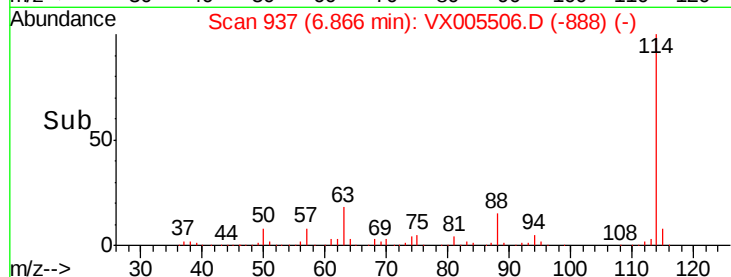
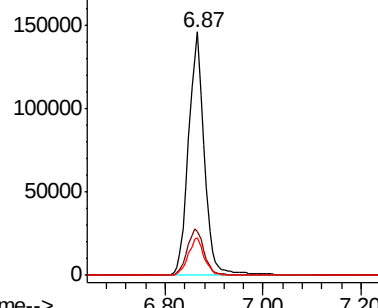
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: VX005506.D
 Acq: 23 Oct 2018 08:06

Instrument :
 MSVOA_X
 ClientSampleId :
 RAV-GT202

Tot Ion:114 Resp: 328716
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 39.0
 88 15.4 0.0 30.4

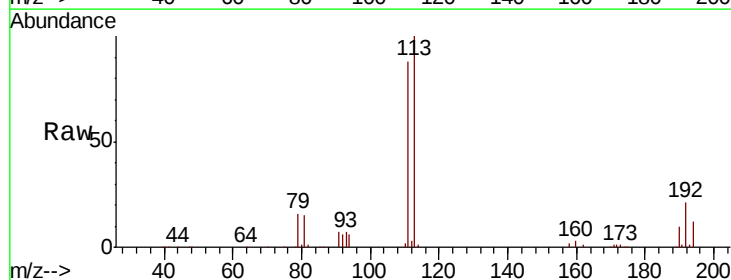


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

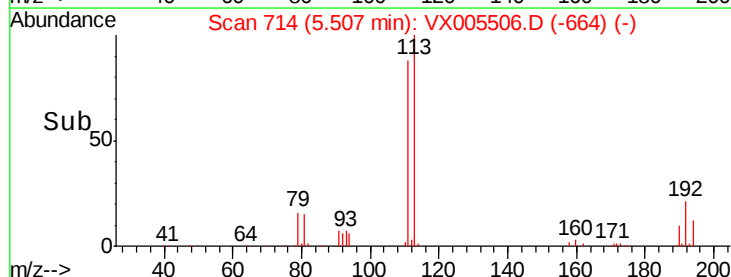
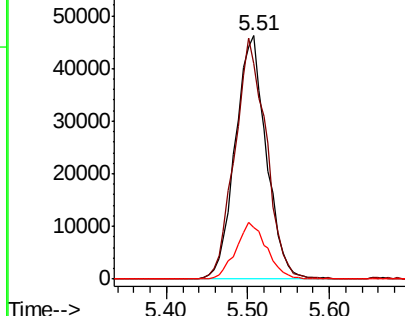


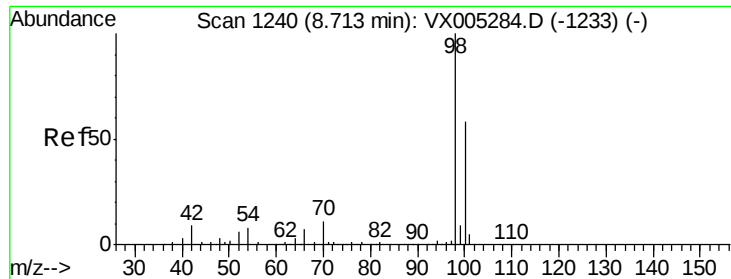
#35
 Dibromofluoromethane
 Concen: 55.963 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005506.D
 Acq: 23 Oct 2018 08:06

Tgt Ion:113 Resp: 121840
 Ion Ratio Lower Upper
 113 100
 111 100.7 82.4 123.6
 192 23.2 19.4 29.2



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

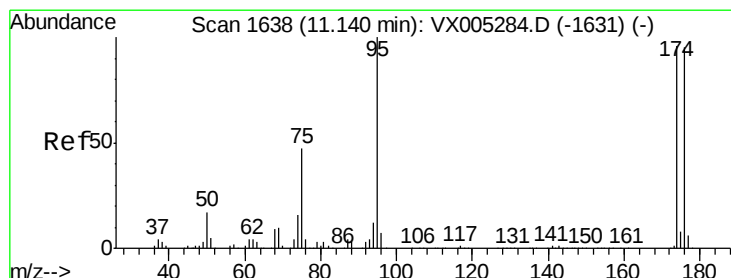
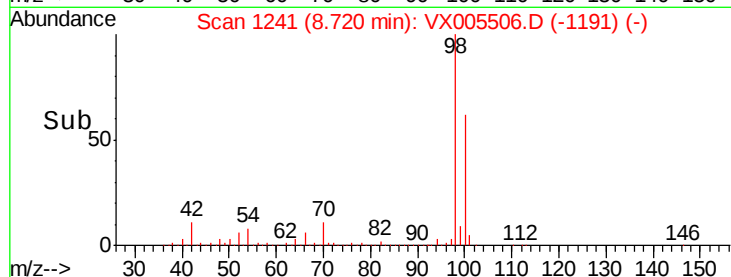
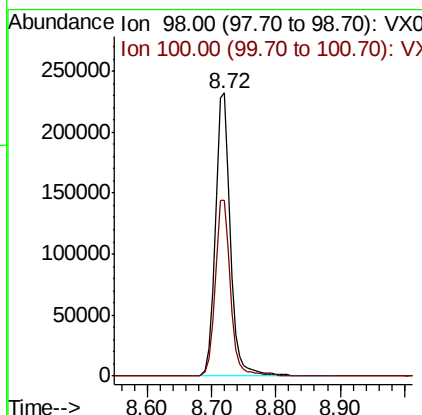
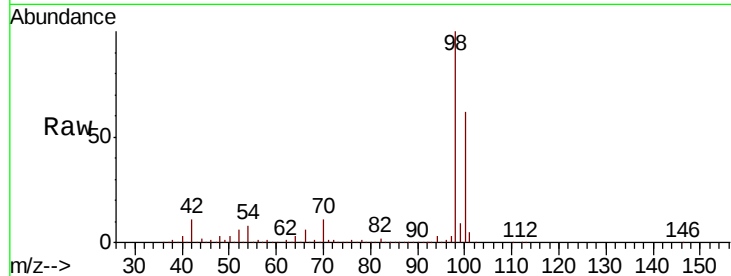




#50
Toluene-d8
Concen: 51.183 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005506.D
Acq: 23 Oct 2018 08:06

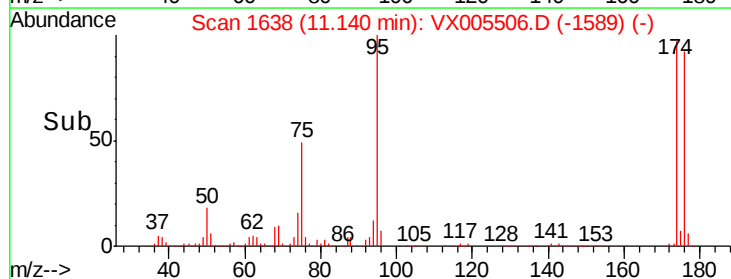
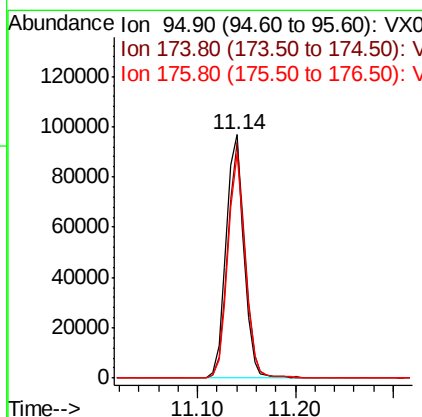
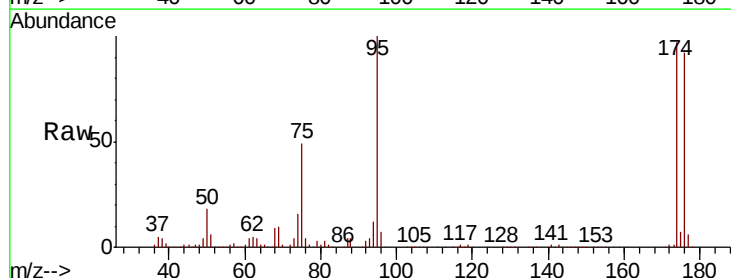
Instrument :
MSVOA_X
ClientSampled :
RAV-GT202

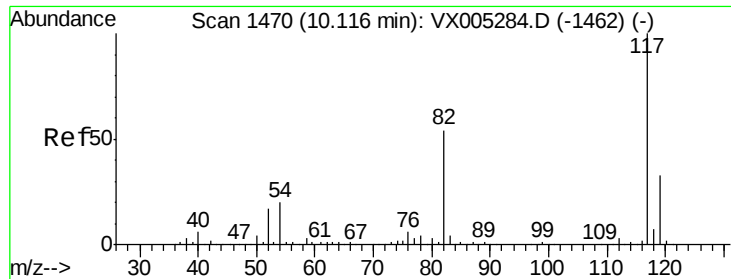
Tot Ion: 98 Resp: 382563
Ion Ratio Lower Upper
98 100
100 63.3 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 43.923 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005506.D
Acq: 23 Oct 2018 08:06

Tgt Ion: 95 Resp: 123330
Ion Ratio Lower Upper
95 100
174 94.8 0.0 185.2
176 90.1 0.0 178.6

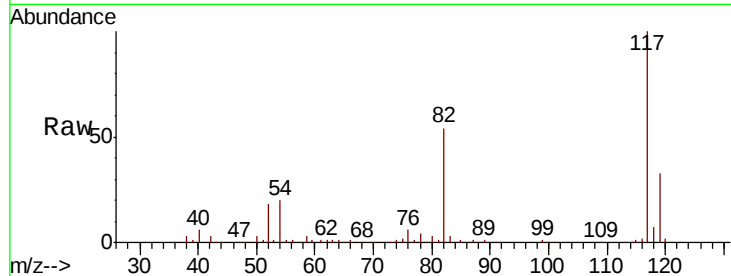




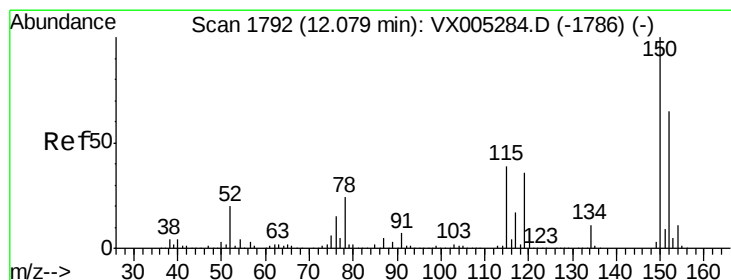
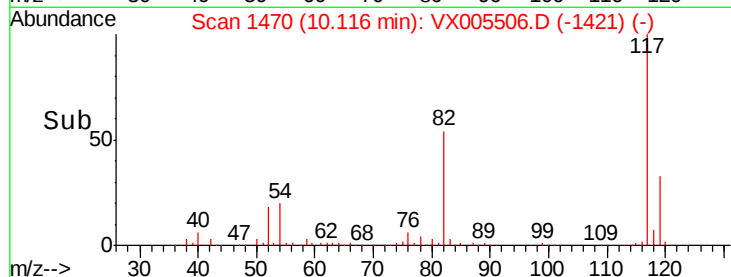
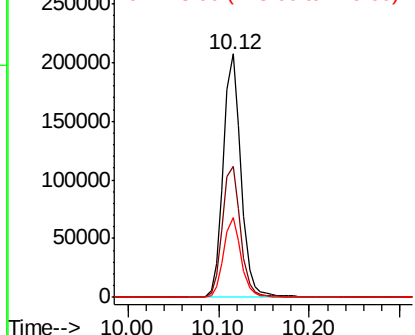
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005506.D
Acq: 23 Oct 2018 08:06

Instrument :
MSVOA_X
ClientSampled :
RAV-GT202

Tot Ion:117 Resp: 284535
Ion Ratio Lower Upper
117 100
82 53.6 47.8 71.6
119 32.6 29.3 43.9

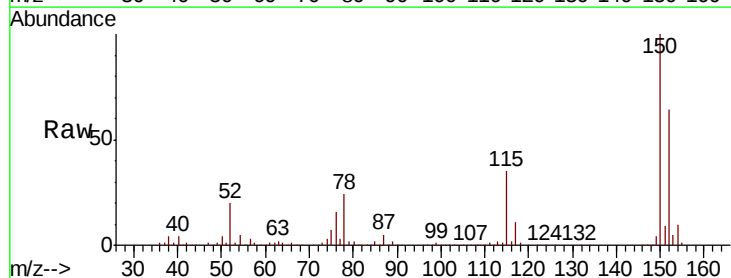


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005506.D
Acq: 23 Oct 2018 08:06

Tgt Ion:152 Resp: 135319
Ion Ratio Lower Upper
152 100
115 55.5 39.0 117.0
150 156.7 0.0 351.0



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

