

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102218\
 Data File : VX005491.D
 Acq On : 23 Oct 2018 01:26
 Operator : JC/MD
 Sample : VX1022WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBL02

Quant Time: Oct 23 03:43:56 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	218420	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	325394	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	294644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145223	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	144151	59.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.94%	
35) Dibromofluoromethane	5.51	113	112954	52.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.82%	
50) Toluene-d8	8.71	98	394381	53.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.60%	
62) 4-Bromofluorobenzene	11.14	95	130003	46.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.54%	

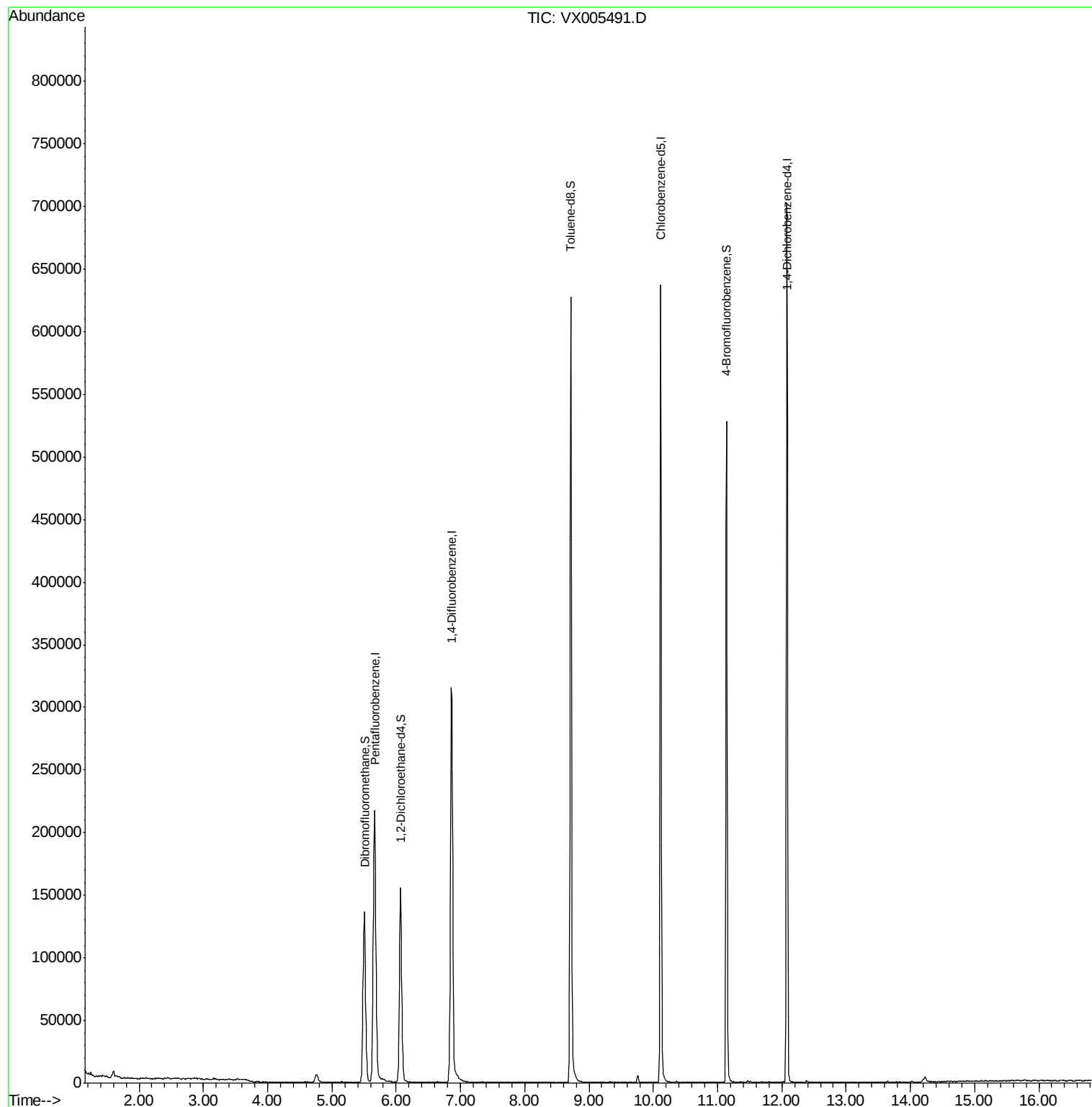
Target Compounds	Qvalue
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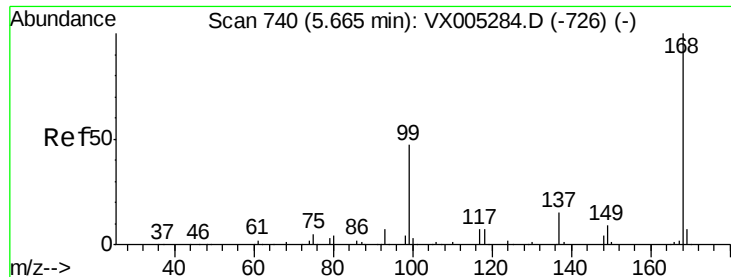
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX005491.D

Acq: 23 Oct 2018 01:26

Instrument :

MSVOA_X

ClientSampleId :

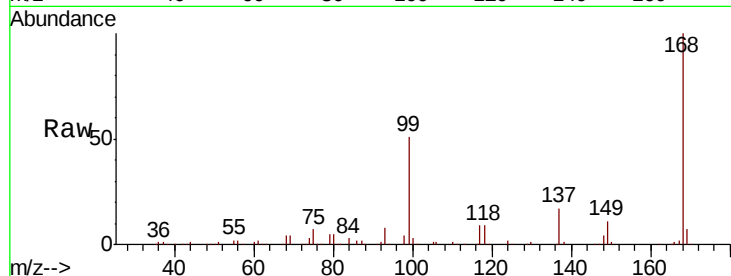
VX1022WBL02

Tot Ion:168 Resp: 218420

Ion Ratio Lower Upper

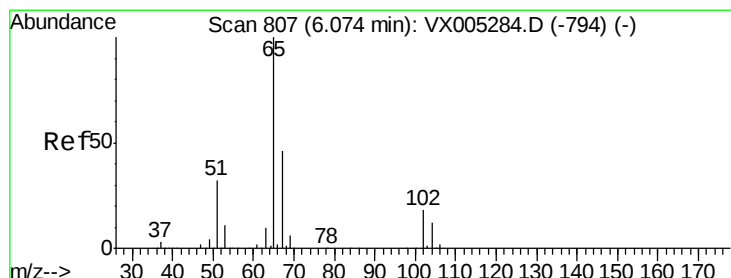
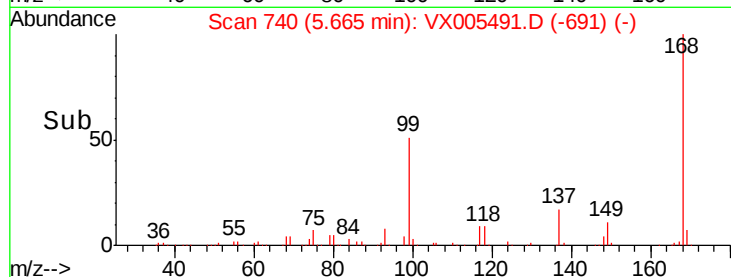
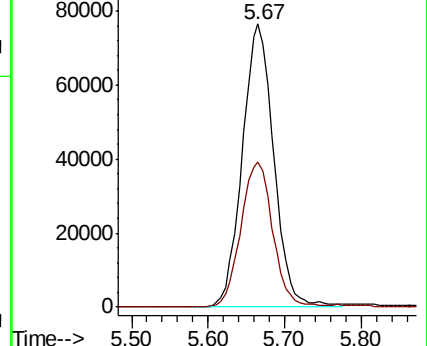
168 100

99 51.2 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: 59.465 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX005491.D

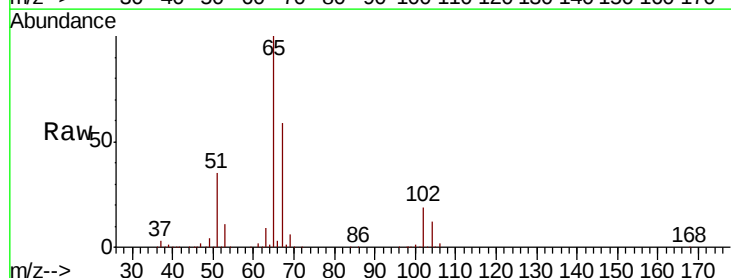
Acq: 23 Oct 2018 01:26

Tgt Ion: 65 Resp: 144151

Ion Ratio Lower Upper

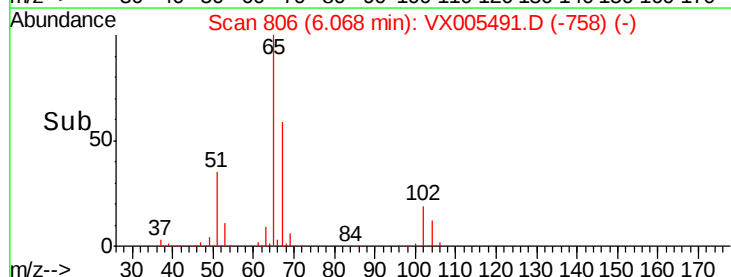
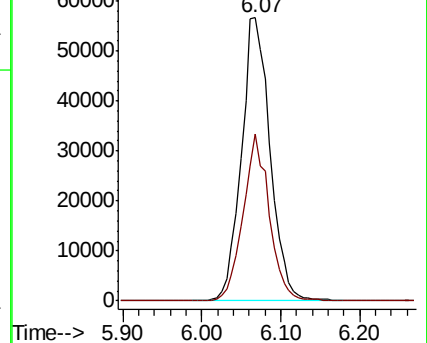
65 100

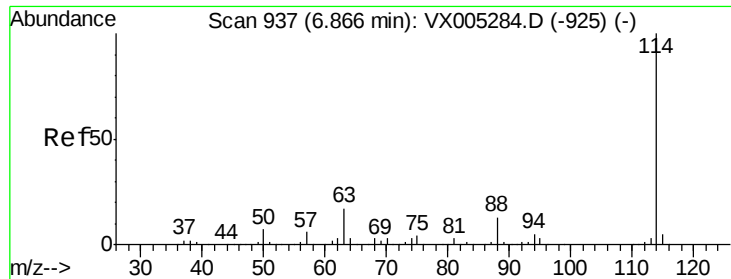
67 53.7 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

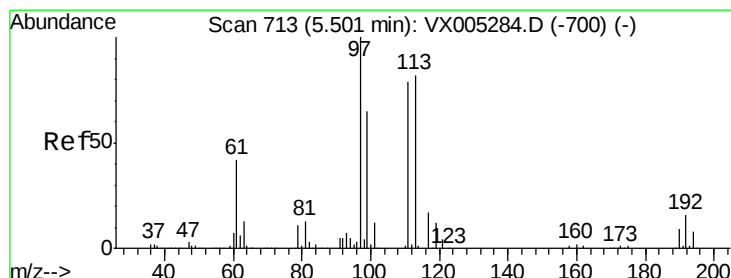
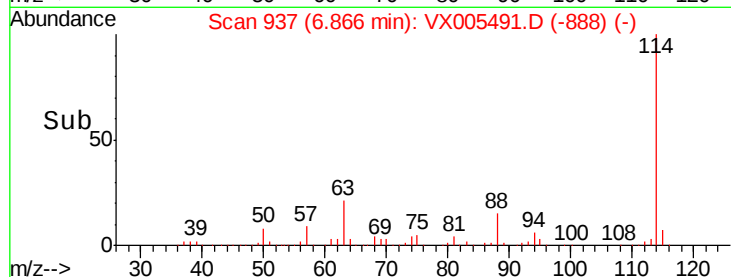
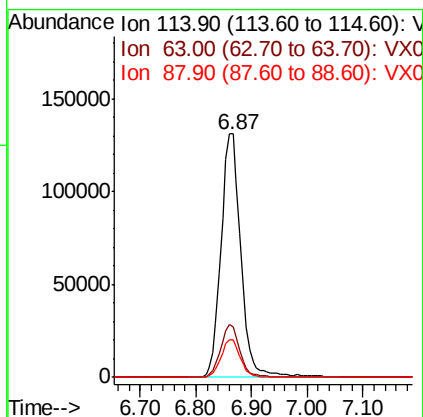
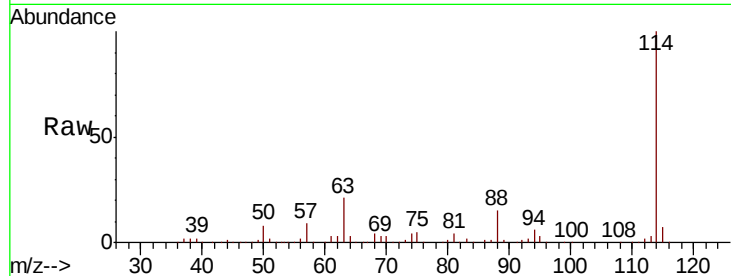




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: VX005491.D
 Acq: 23 Oct 2018 01:26

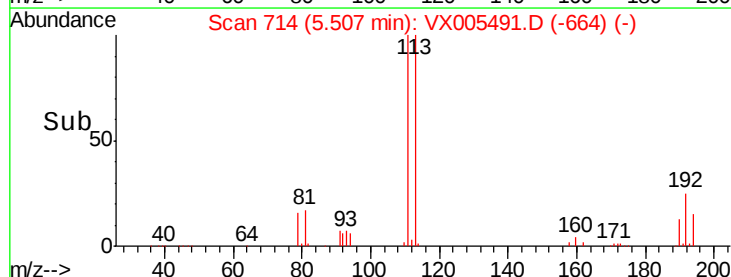
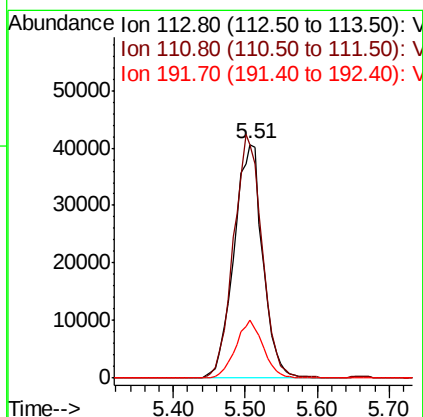
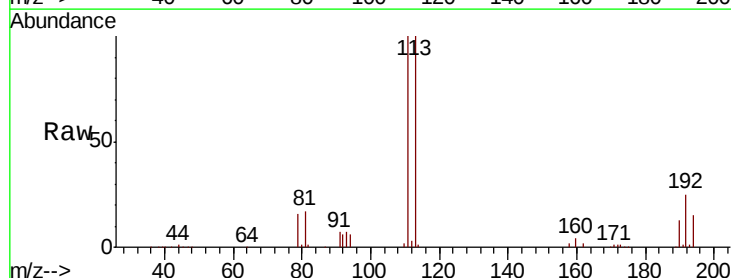
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBL02

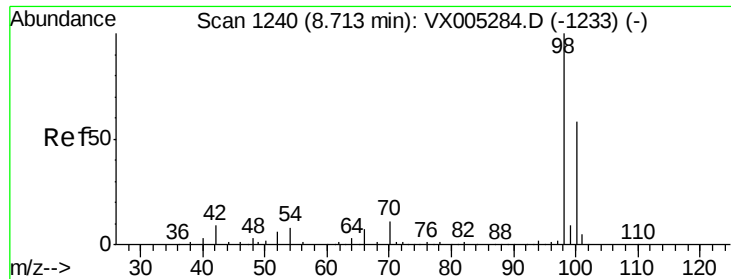
Tot Ion:114 Resp: 325394
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 39.0
 88 15.5 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 52.411 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005491.D
 Acq: 23 Oct 2018 01:26

Tgt Ion:113 Resp: 112954
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.4 123.6
 192 23.4 19.4 29.2

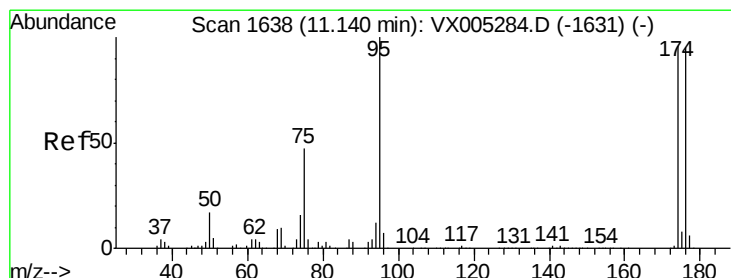
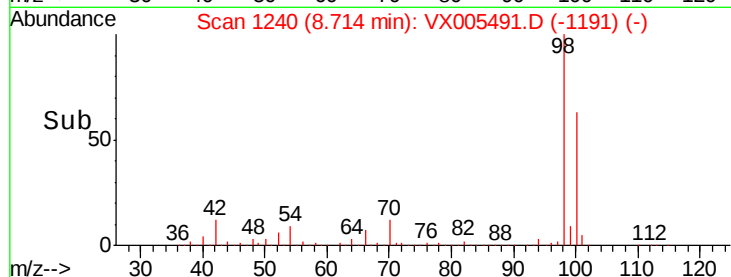
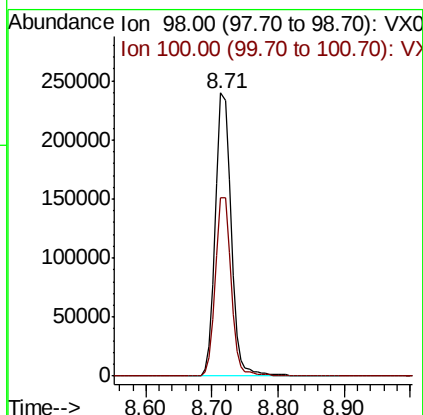
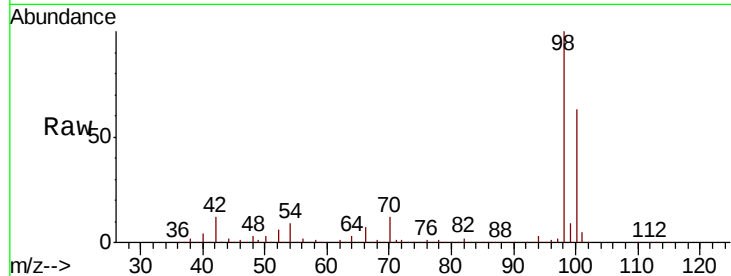




#50
Toluene-d8
Concen: 53.303 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX005491.D
Acq: 23 Oct 2018 01:26

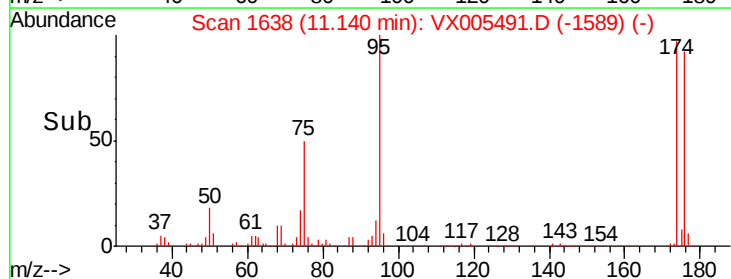
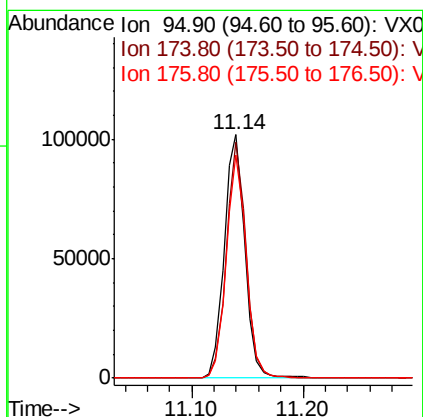
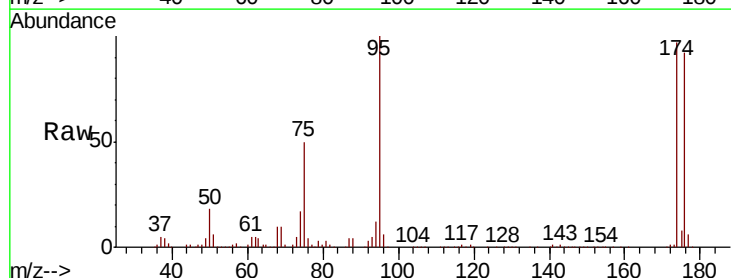
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBL02

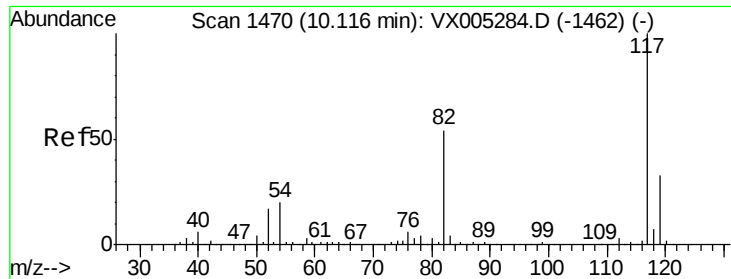
Tot Ion: 98 Resp: 394381
Ion Ratio Lower Upper
98 100
100 63.1 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 46.773 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005491.D
Acq: 23 Oct 2018 01:26

Tgt Ion: 95 Resp: 130003
Ion Ratio Lower Upper
95 100
174 92.9 0.0 185.2
176 89.0 0.0 178.6

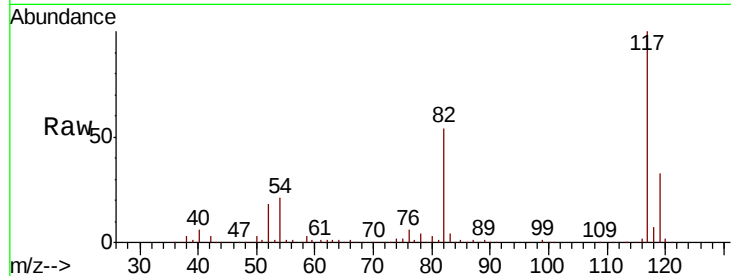




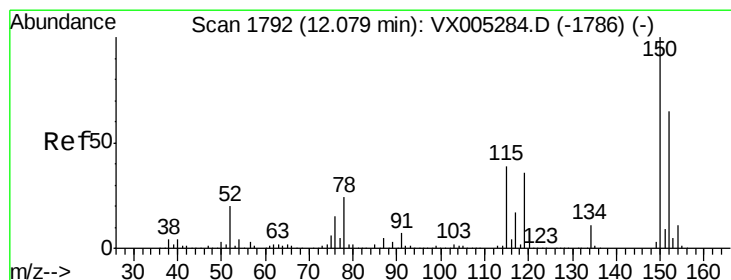
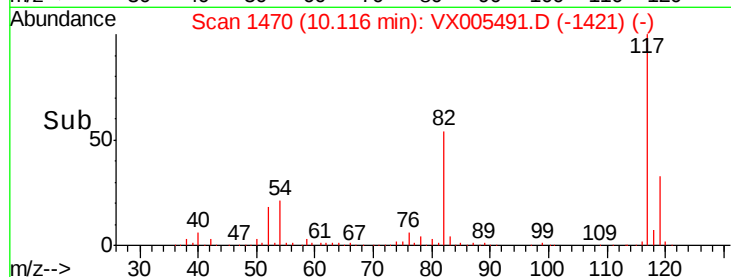
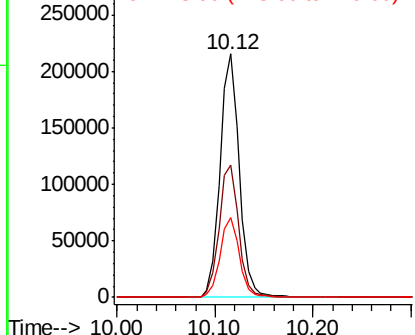
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005491.D
Acq: 23 Oct 2018 01:26

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBL02

Tot Ion:117 Resp: 294644
Ion Ratio Lower Upper
117 100
82 54.3 47.8 71.6
119 32.8 29.3 43.9

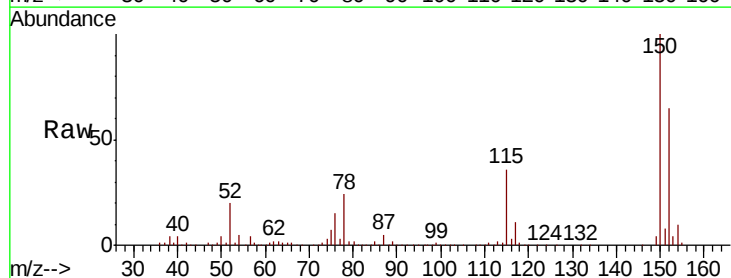


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005491.D
Acq: 23 Oct 2018 01:26

Tgt Ion:152 Resp: 145223
Ion Ratio Lower Upper
152 100
115 55.2 39.0 117.0
150 154.4 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

