

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101718\
 Data File : VX005389.D
 Acq On : 17 Oct 2018 14:29
 Operator : JC/MD
 Sample : J5571-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Oct 19 09:16:17 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	5.66	168	300435	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	397752	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	357973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175337	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	159581	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
35) Dibromofluoromethane	5.51	113	133515	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
50) Toluene-d8	8.71	98	472601	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	
62) 4-Bromofluorobenzene	11.14	95	155716	45.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.66%	

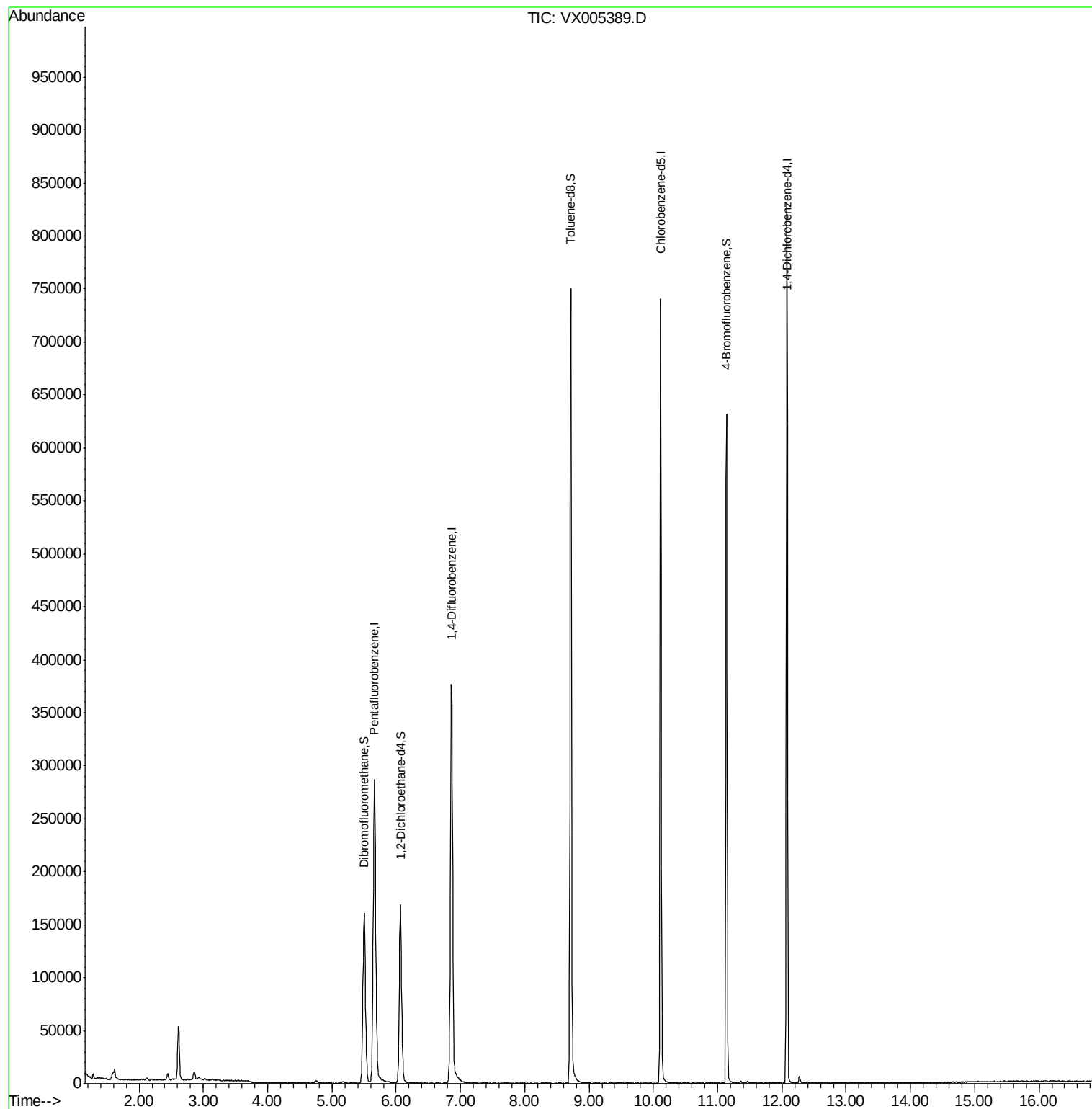
Target Compounds	Qvalue

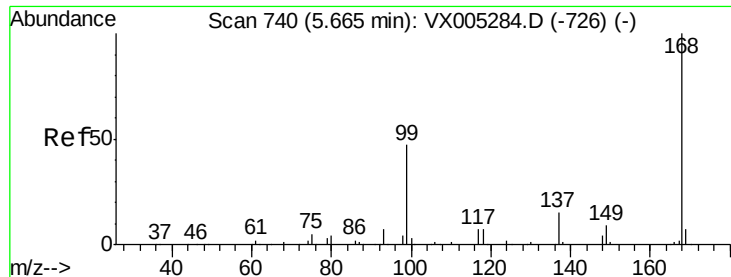
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005389.D

Acq: 17 Oct 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

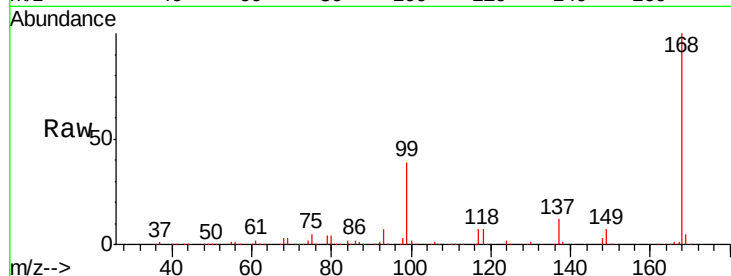
TRIP-BLANK

Tgt Ion: 168 Resp: 300435

Ion Ratio Lower Upper

168 100

99 38.9 39.9 59.9#



Abundance Ion 167.90 (167.60 to 168.60): VX005284.D (-726) (-)

Ion 98.90 (98.60 to 99.60): VX005284.D (-726) (-)

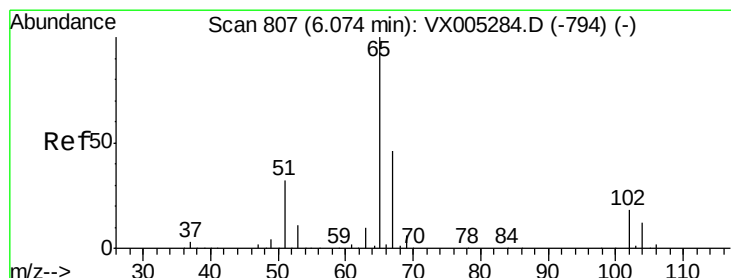
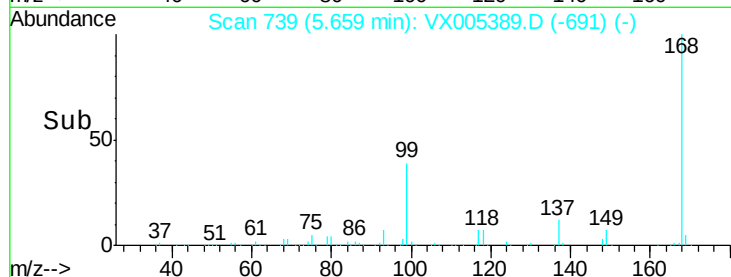
5.66

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.86 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX005389.D

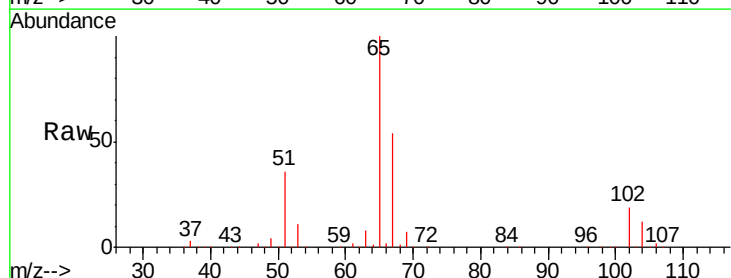
Acq: 17 Oct 2018 14:29

Tgt Ion: 65 Resp: 159581

Ion Ratio Lower Upper

65 100

67 53.7 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX005284.D (-794) (-)

Ion 66.90 (66.60 to 67.60): VX005284.D (-794) (-)

6.07

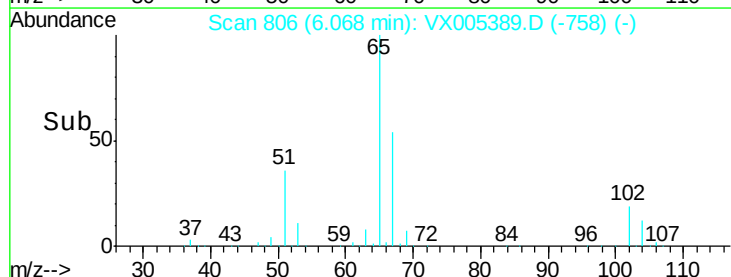
60000

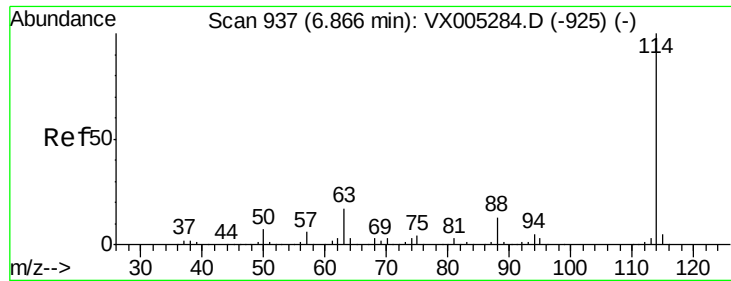
40000

20000

0

Time--> 5.90 6.00 6.10 6.20

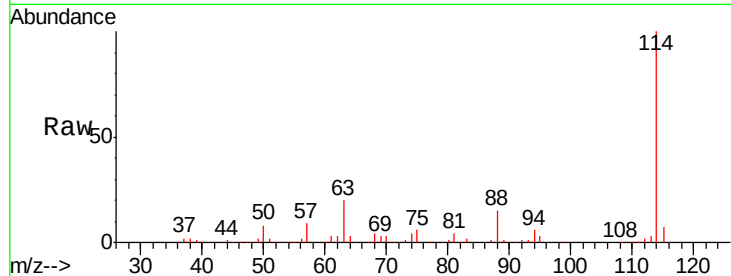




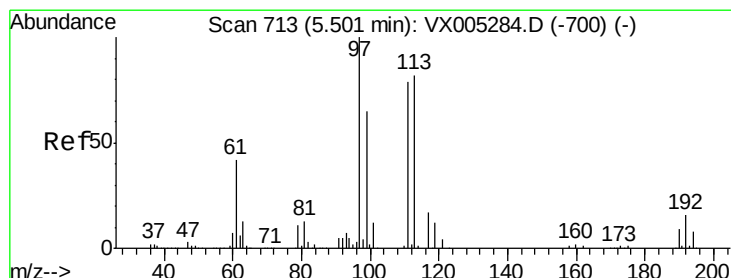
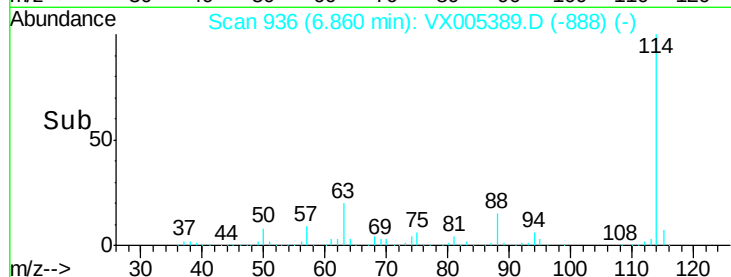
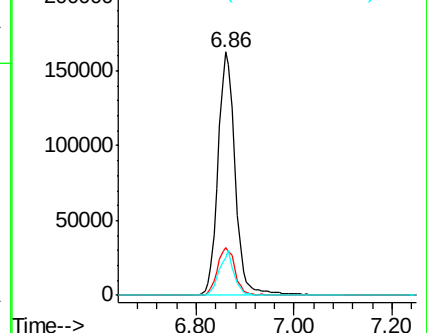
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005389.D
 Acq: 17 Oct 2018 14:29

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Tgt Ion:114 Resp: 397752
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.0
 88 15.2 0.0 30.4

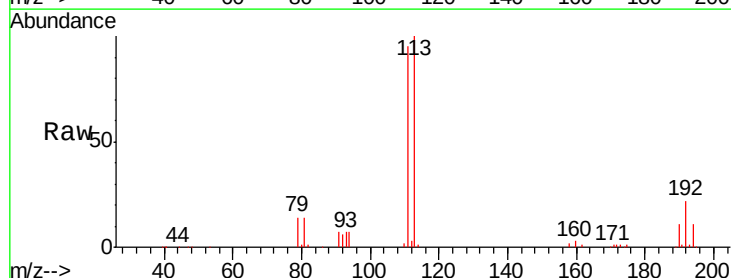


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

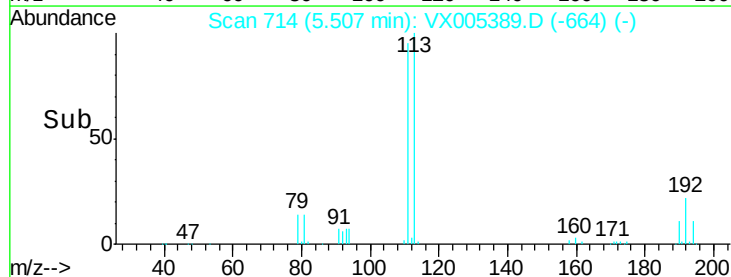
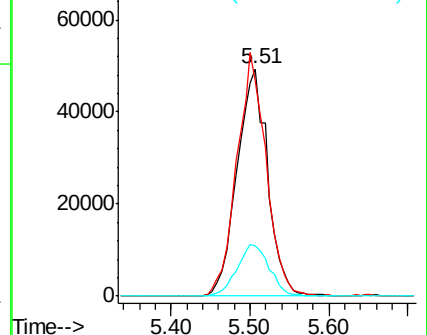


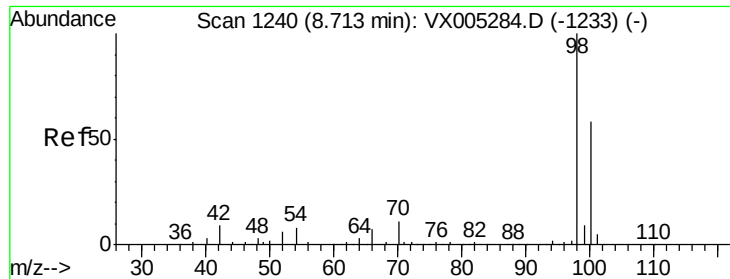
#35
 Dibromofluoromethane
 Concen: 50.68 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005389.D
 Acq: 17 Oct 2018 14:29

Tgt Ion:113 Resp: 133515
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.4 123.6
 192 23.8 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

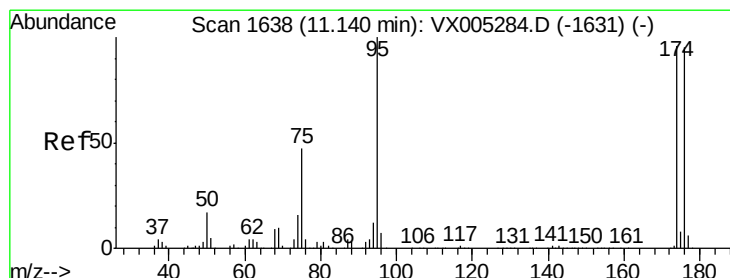
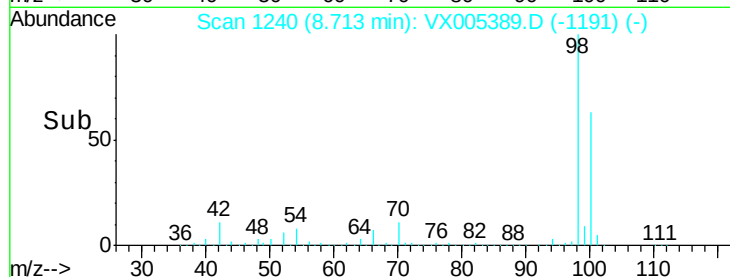
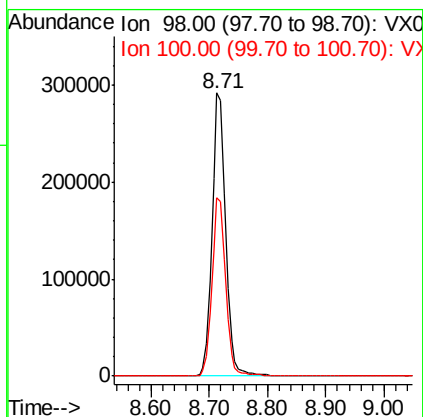
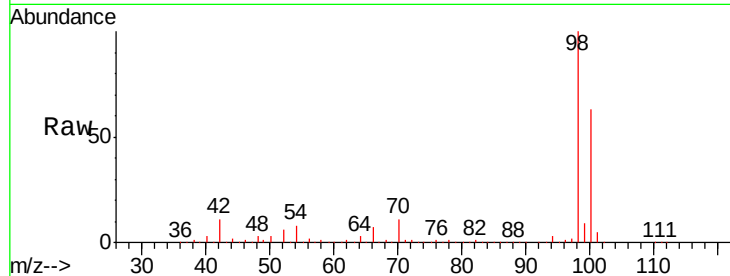




#50
Toluene-d8
Concen: 52.26 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX005389.D
Acq: 17 Oct 2018 14:29

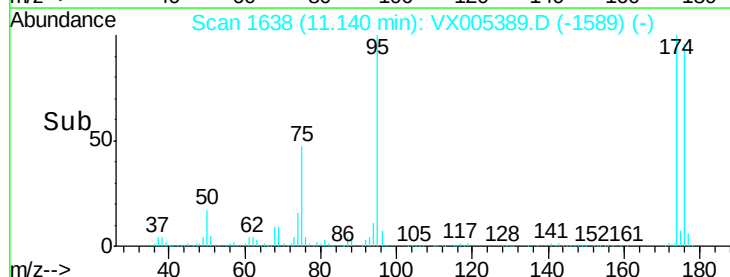
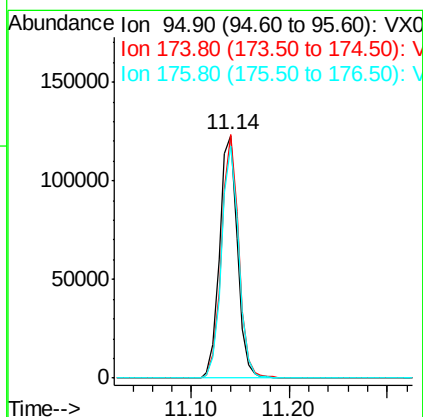
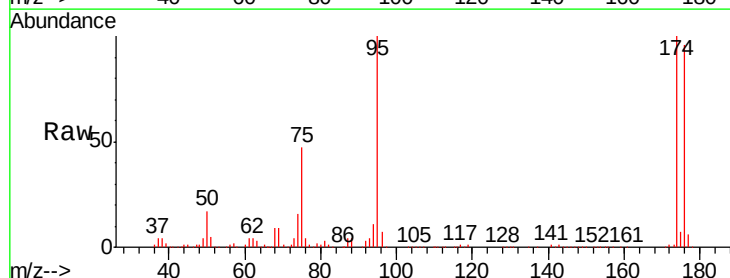
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

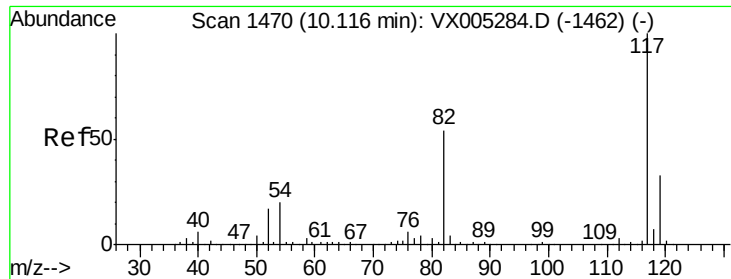
Tgt Ion: 98 Resp: 472601
Ion Ratio Lower Upper
98 100
100 63.4 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 45.83 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005389.D
Acq: 17 Oct 2018 14:29

Tgt Ion: 95 Resp: 155716
Ion Ratio Lower Upper
95 100
174 96.6 0.0 185.2
176 92.7 0.0 178.6

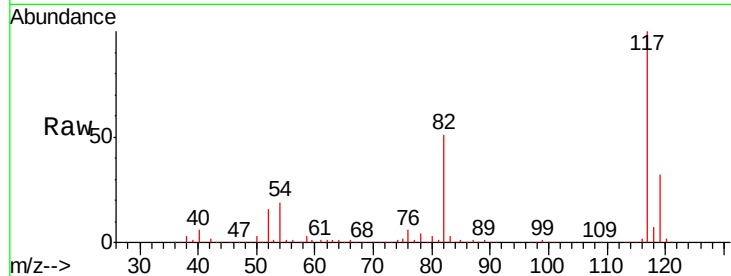




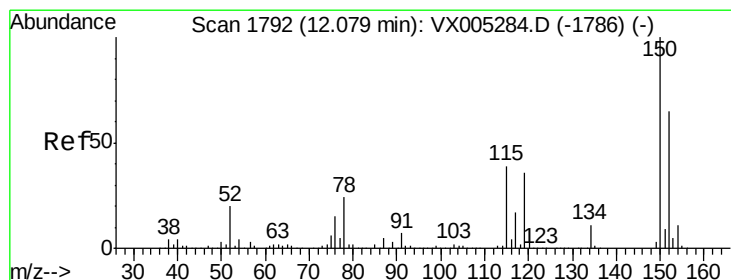
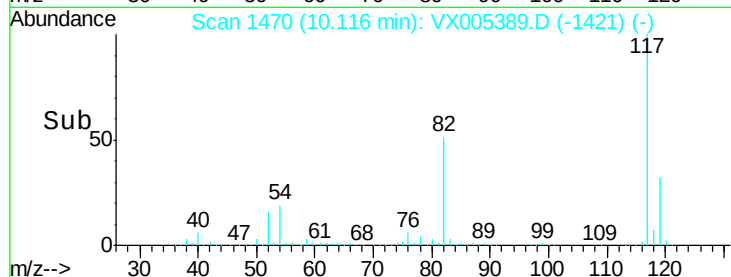
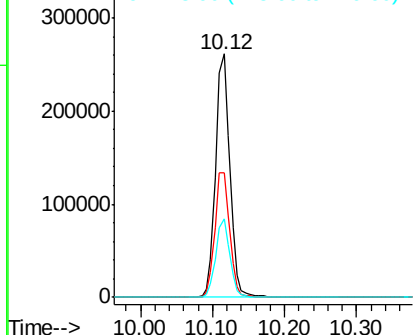
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005389.D
Acq: 17 Oct 2018 14:29

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion:117 Resp: 357973
Ion Ratio Lower Upper
117 100
82 51.3 47.8 71.6
119 32.1 29.3 43.9

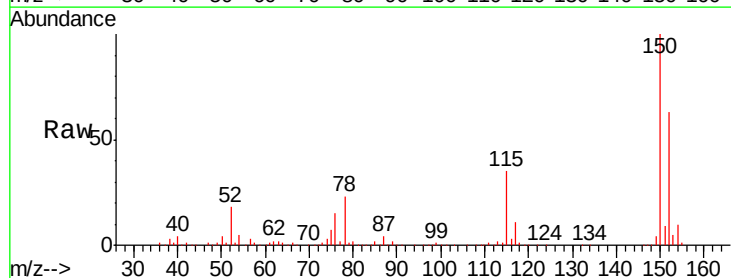


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005389.D
Acq: 17 Oct 2018 14:29

Tgt Ion:152 Resp: 175337
Ion Ratio Lower Upper
152 100
115 54.5 39.0 117.0
150 156.9 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

