

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092718\
 Data File : VX004768.D
 Acq On : 27 Sep 2018 12:36
 Operator : JC/MD
 Sample : J5048-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-1-SEP18

Quant Time: Sep 28 12:45:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	268992	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	435692	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	421356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	236959	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	198679	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
35) Dibromofluoromethane	5.50	113	166935	45.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.42%	
50) Toluene-d8	8.71	98	625703	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
62) 4-Bromofluorobenzene	11.14	95	226853	51.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.60%	

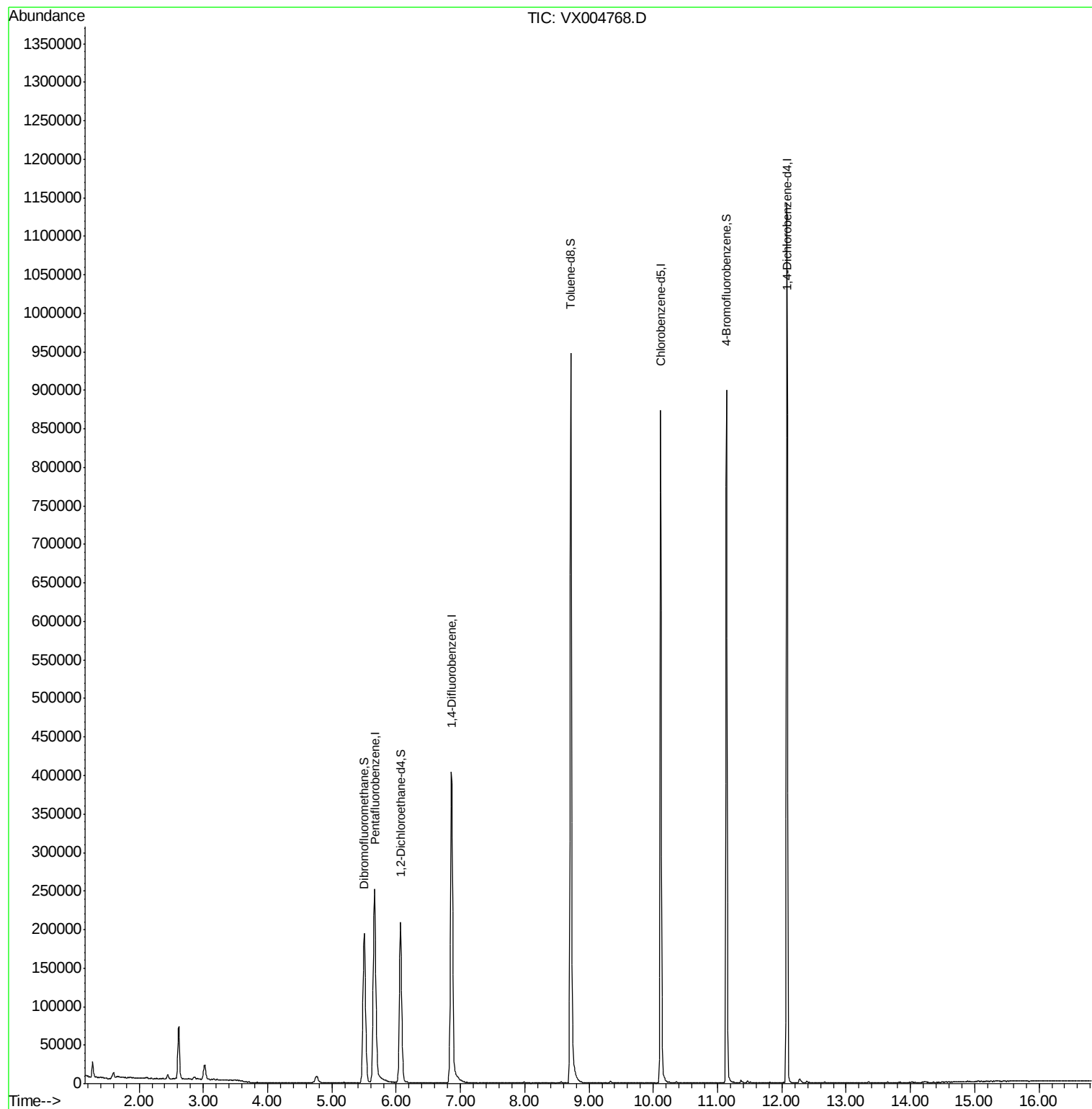
Target Compounds	Qvalue

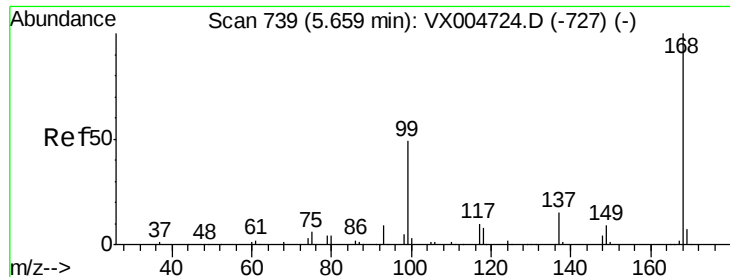
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004768.D

Acq: 27 Sep 2018 12:36

Instrument :

MSVOA_X

ClientSampleId :

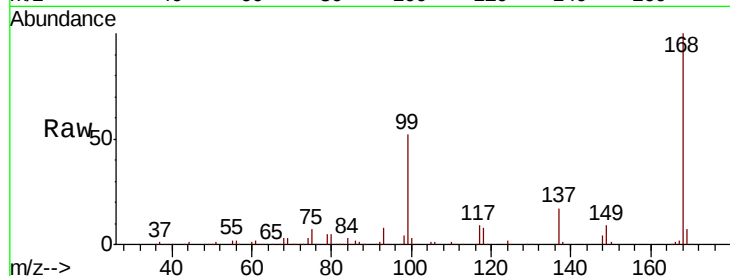
FB-1-SEP18

Tot Ion:168 Resp: 268992

Ion Ratio Lower Upper

168 100

99 52.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

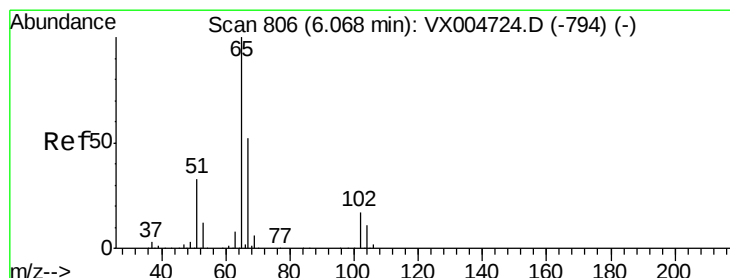
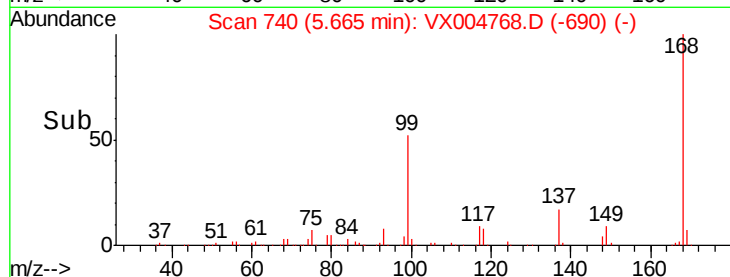
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.705 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004768.D

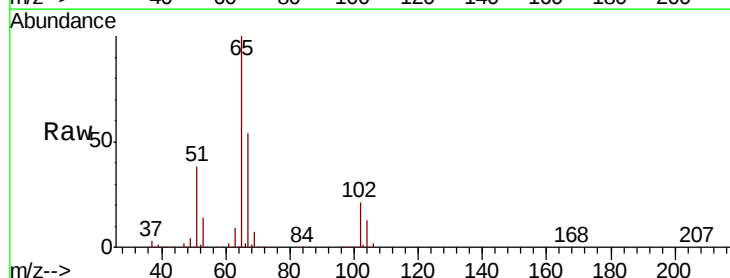
Acq: 27 Sep 2018 12:36

Tgt Ion: 65 Resp: 198679

Ion Ratio Lower Upper

65 100

67 53.6 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

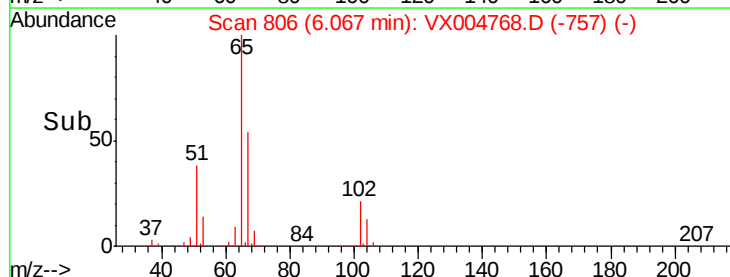
60000

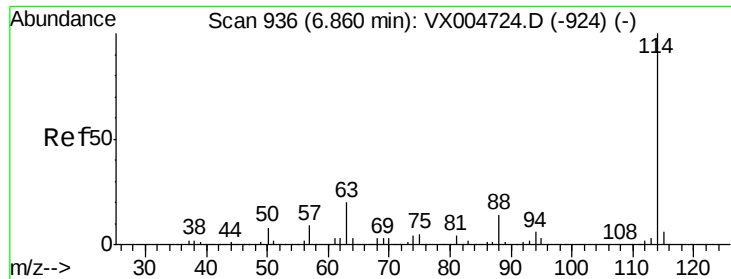
40000

20000

0

Time--> 5.90 6.00 6.10 6.20 6.30





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX004768.D

Acq: 27 Sep 2018 12:36

Instrument :

MSVOA_X

ClientSampleId :

FB-1-SEP18

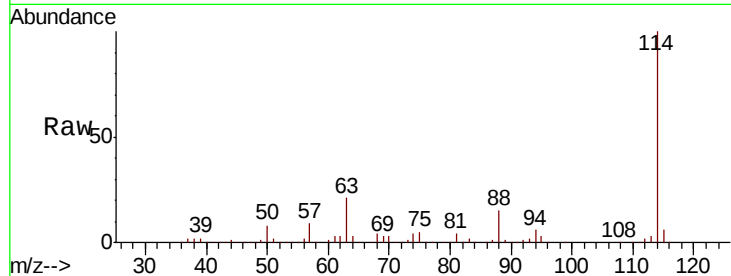
Tot Ion:114 Resp: 435692

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.0

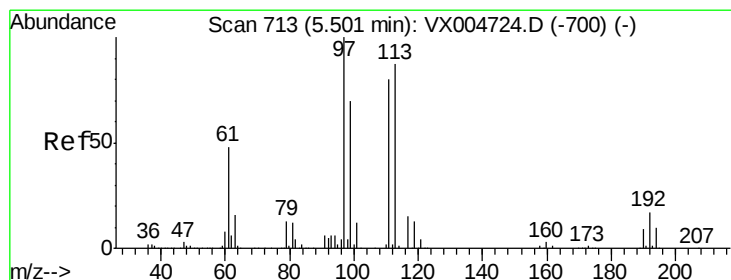
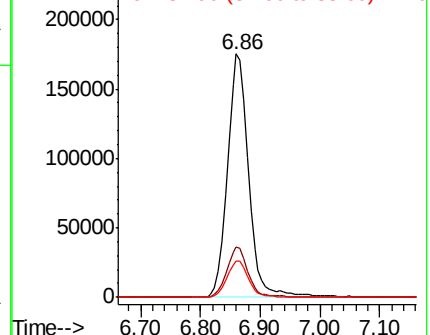
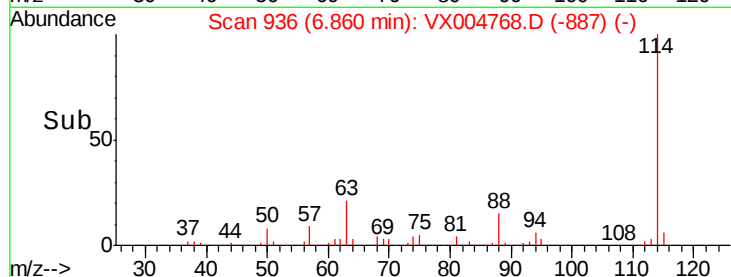
88 15.1 0.0 30.4



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: 45.209 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004768.D

Acq: 27 Sep 2018 12:36

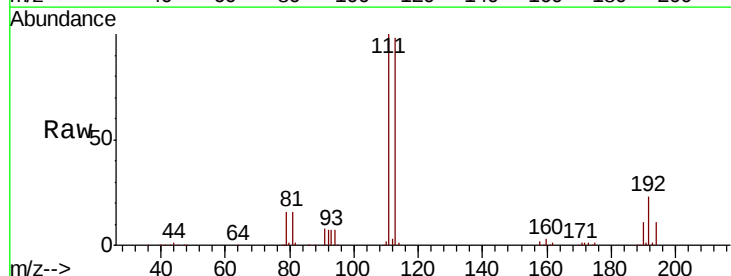
Tgt Ion:113 Resp: 166935

Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

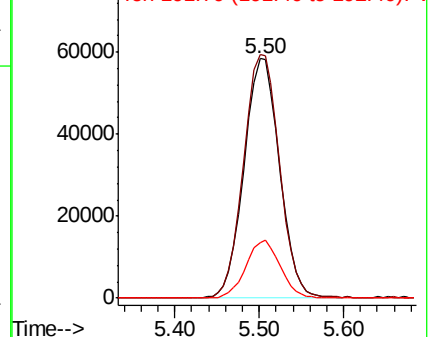
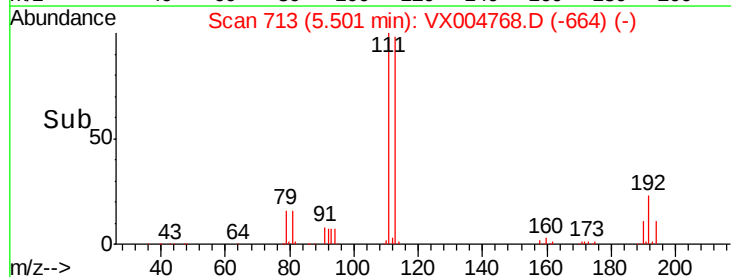
192 23.4 19.4 29.2

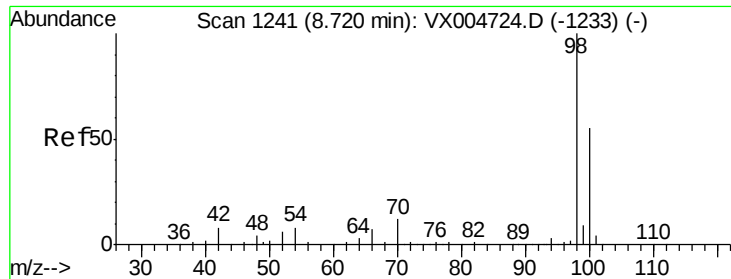


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

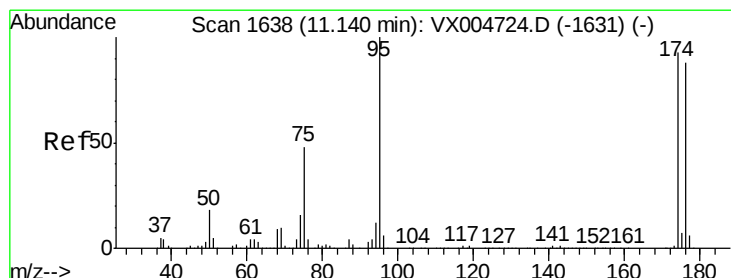
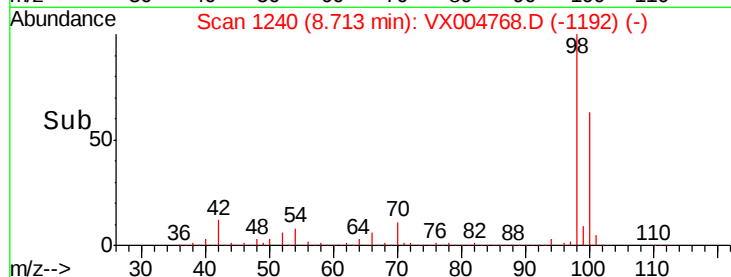
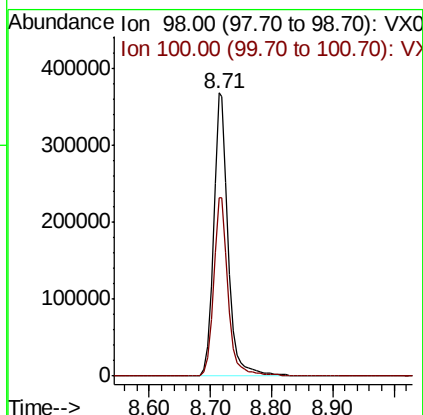
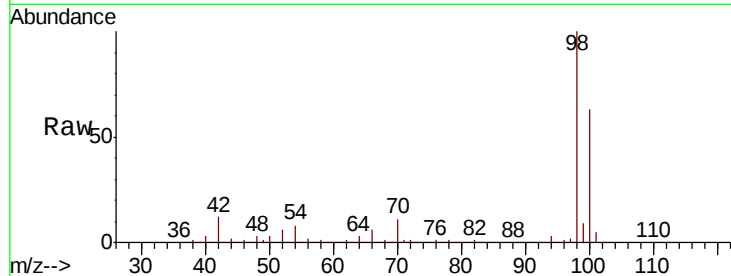




#50
Toluene-d8
Concen: 50.970 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004768.D
Acq: 27 Sep 2018 12:36

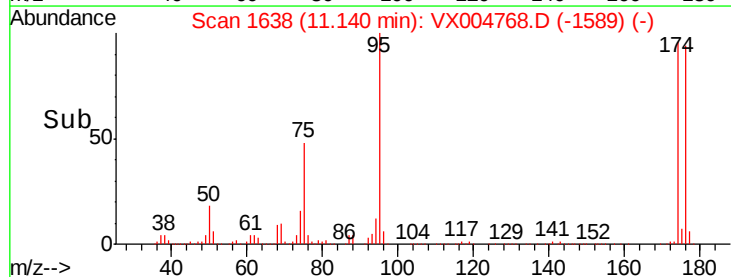
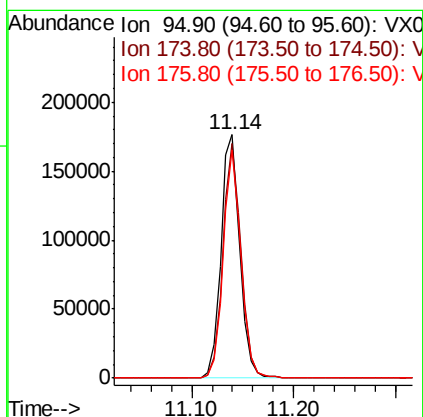
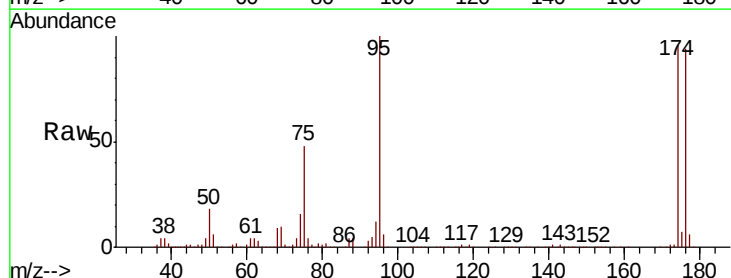
Instrument :
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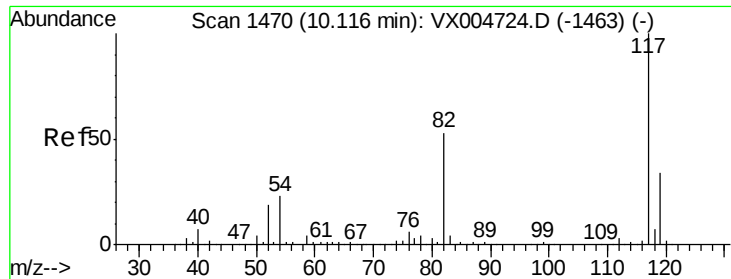
Tot Ion: 98 Resp: 625703
Ion Ratio Lower Upper
98 100
100 63.2 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 51.296 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004768.D
Acq: 27 Sep 2018 12:36

Tgt Ion: 95 Resp: 226853
Ion Ratio Lower Upper
95 100
174 92.8 0.0 185.2
176 88.7 0.0 178.6

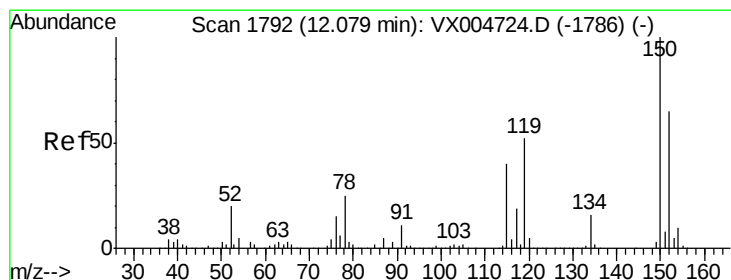
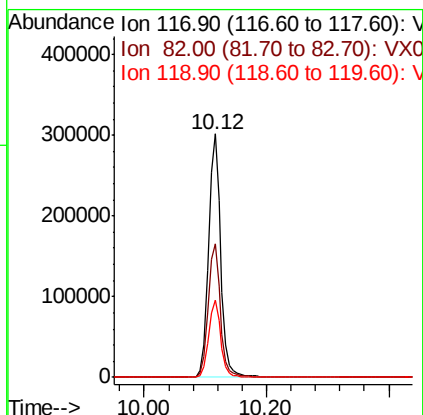
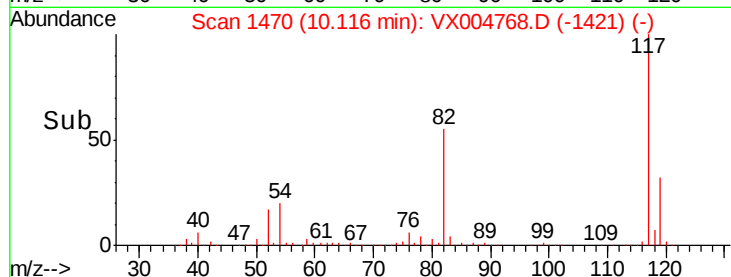
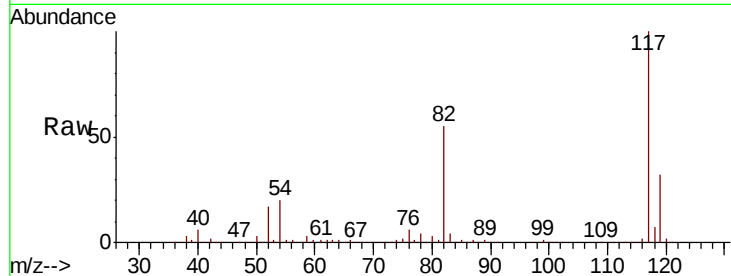




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004768.D
Acq: 27 Sep 2018 12:36

Instrument :
MSVOA_X
ClientSampleId :
FB-1-SEP18

Tot Ion:117 Resp: 421356
Ion Ratio Lower Upper
117 100
82 54.8 47.8 71.6
119 31.6 29.3 43.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004768.D
Acq: 27 Sep 2018 12:36

Tgt Ion:152 Resp: 236959
Ion Ratio Lower Upper
152 100
115 55.4 39.0 117.0
150 157.3 0.0 351.0

