

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091818\
 Data File : VX004677.D
 Acq On : 19 Sep 2018 00:43
 Operator : JC/MD
 Sample : J4939-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Sep 19 12:49:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	258535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	363161	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	336160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	211284	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	160082	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.04%	
35) Dibromofluoromethane	5.51	113	148324	44.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.26%	
50) Toluene-d8	8.72	98	492036	44.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.30%	
62) 4-Bromofluorobenzene	11.14	95	176574	44.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.78%	

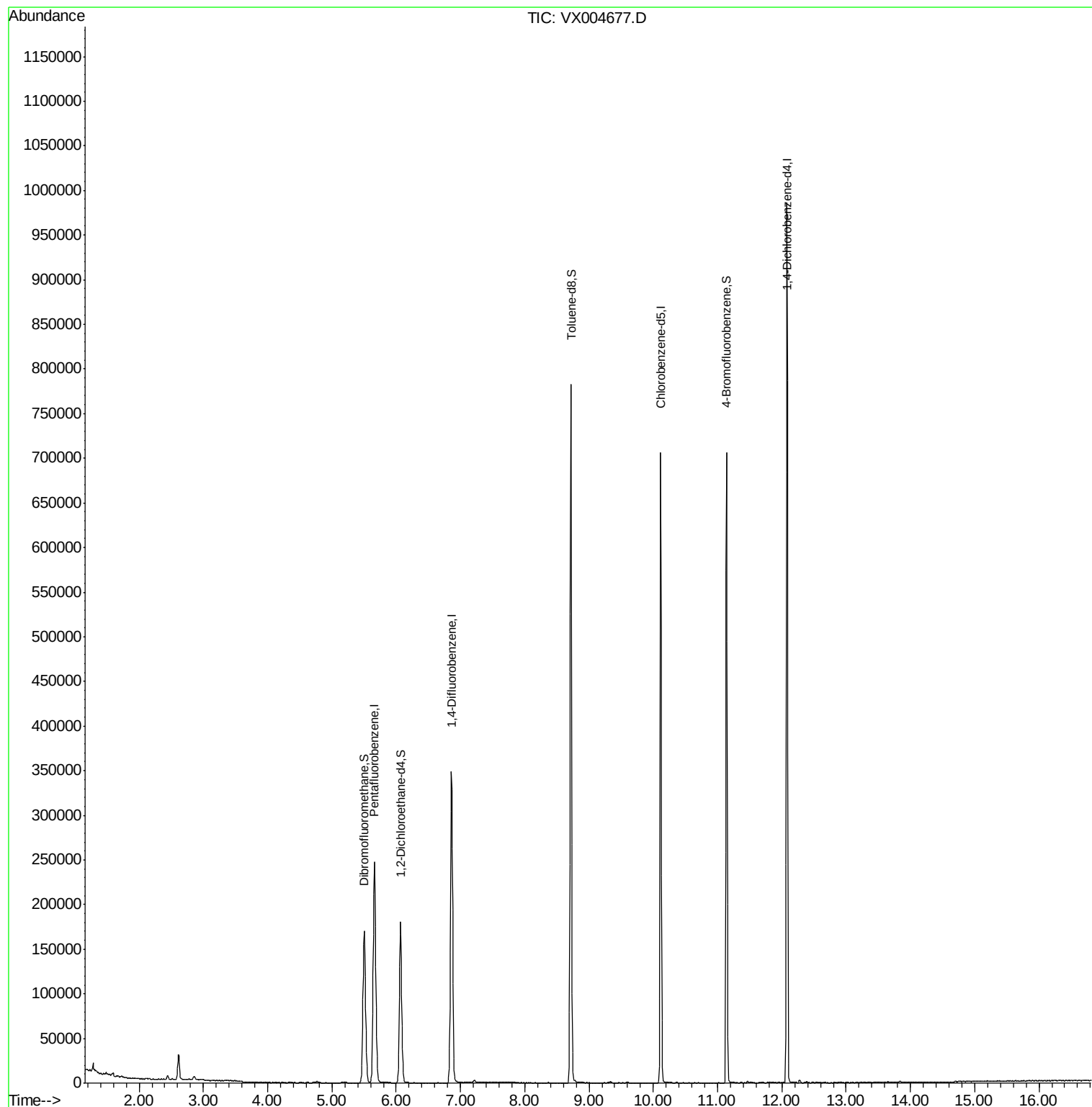
Target Compounds	Qvalue

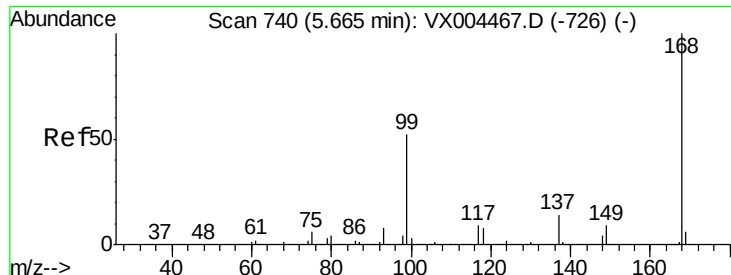
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX004677.D

Acq: 19 Sep 2018 00:43

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MSVOA_X

ClientSampleId :

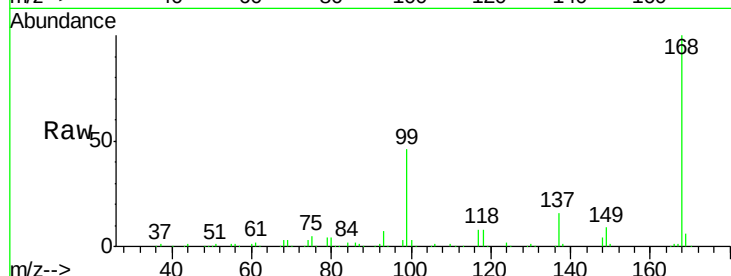
TB

Tot Ion:168 Resp: 258535

Ion Ratio Lower Upper

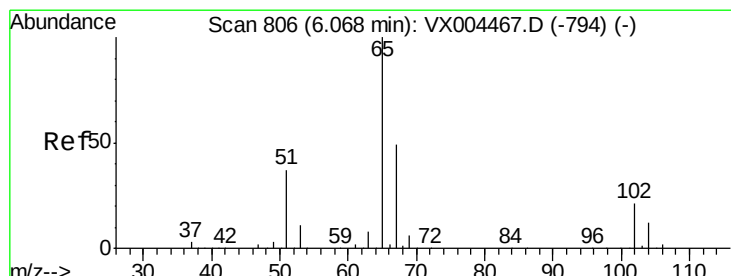
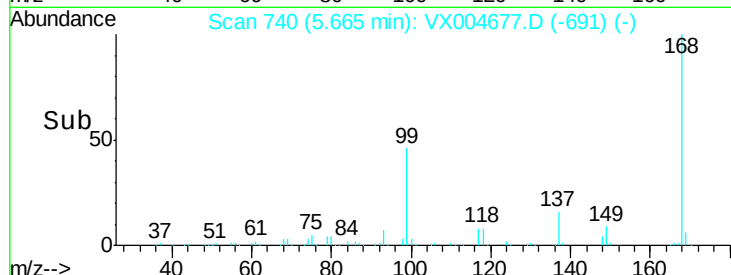
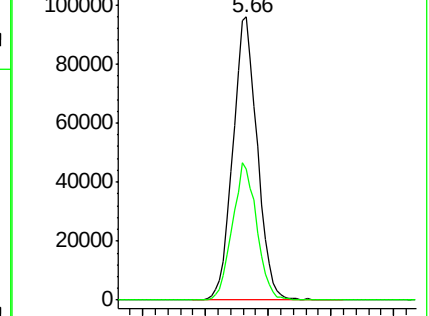
168 100

99 46.2 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: 48.02 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004677.D

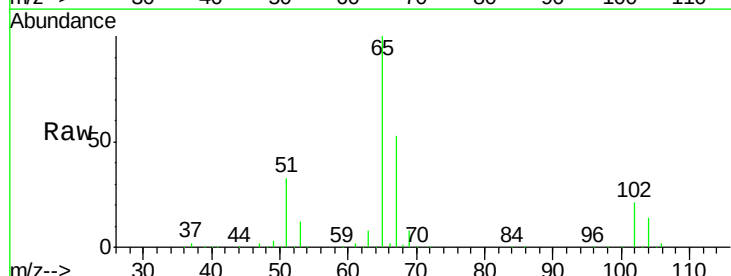
Acq: 19 Sep 2018 00:43

Tgt Ion: 65 Resp: 160082

Ion Ratio Lower Upper

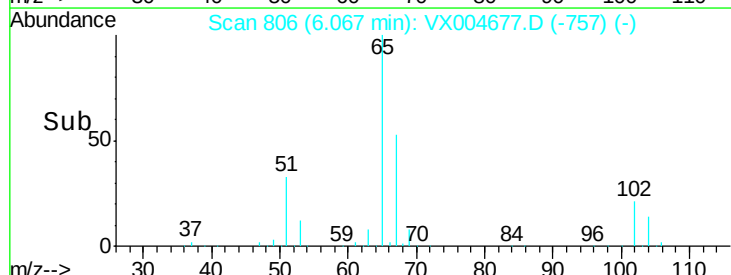
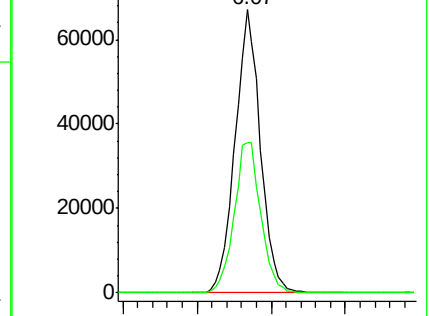
65 100

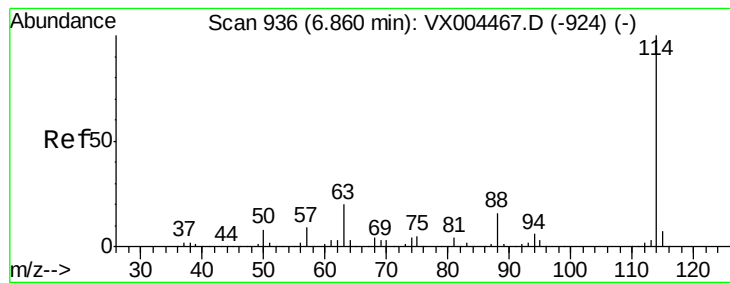
67 55.6 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX004677.D

Acq: 19 Sep 2018 00:43

Instrument :

MSVOA_X

ClientSampleId :

TB

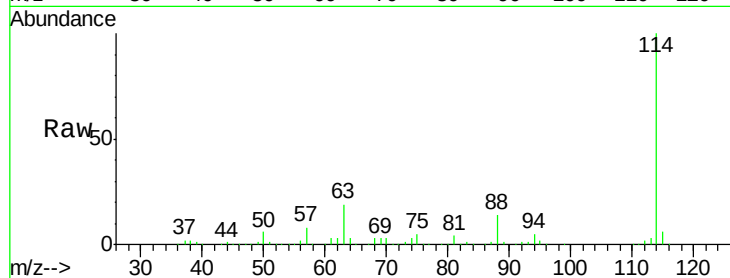
Tot Ion:114 Resp: 363161

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.0

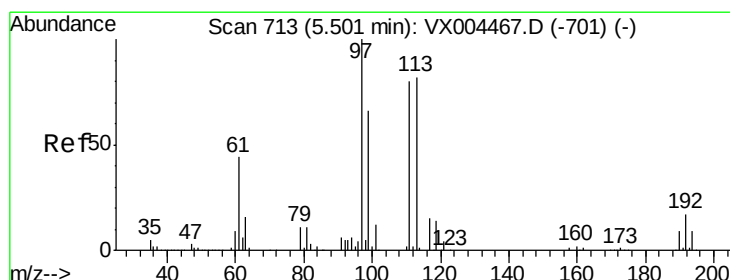
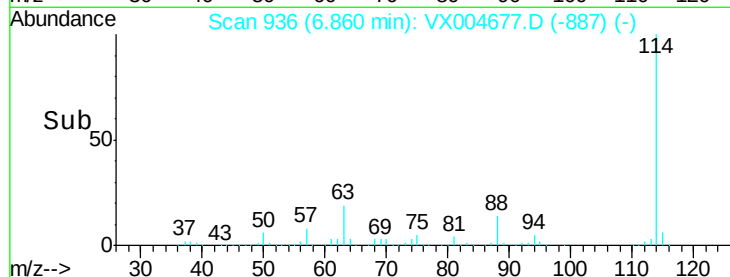
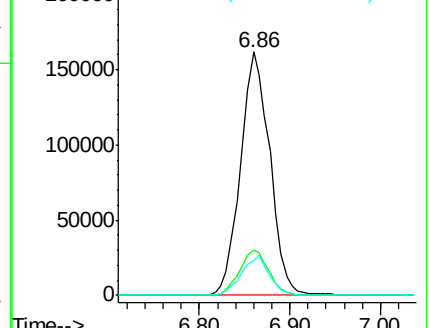
88 14.2 0.0 30.4



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: 44.63 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX004677.D

Acq: 19 Sep 2018 00:43

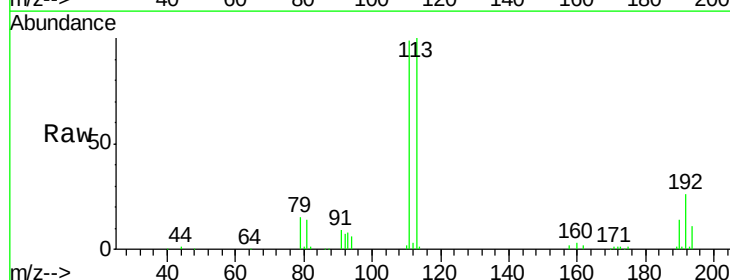
Tgt Ion:113 Resp: 148324

Ion Ratio Lower Upper

113 100

111 101.7 82.4 123.6

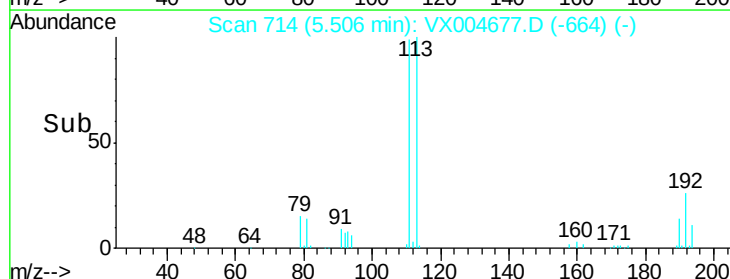
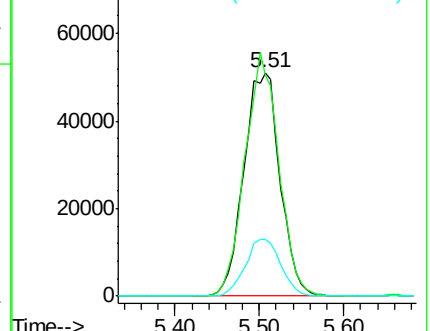
192 25.0 19.4 29.2

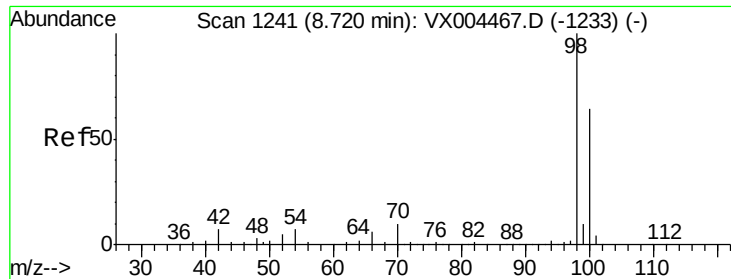


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

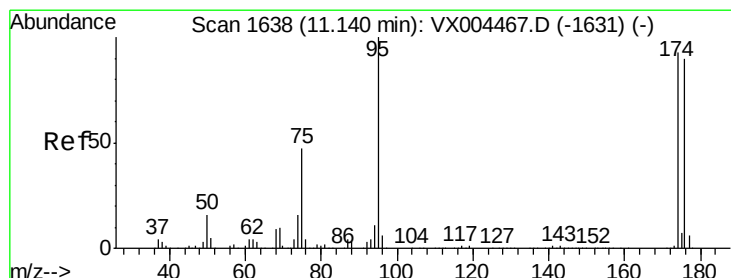
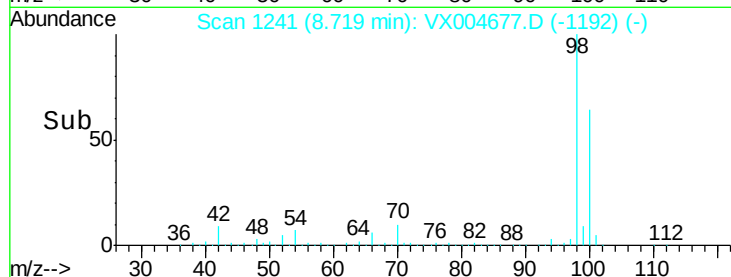
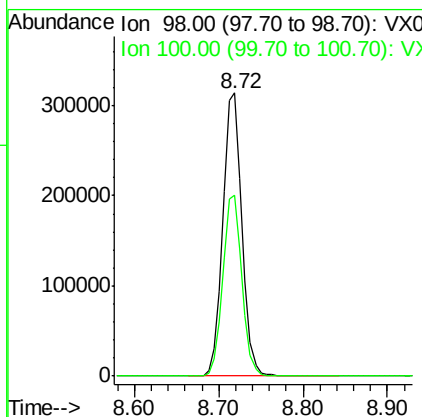
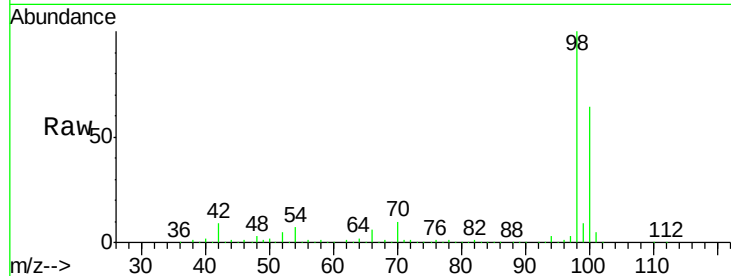




#50
Toluene-d8
Concen: 44.15 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004677.D
Acq: 19 Sep 2018 00:43

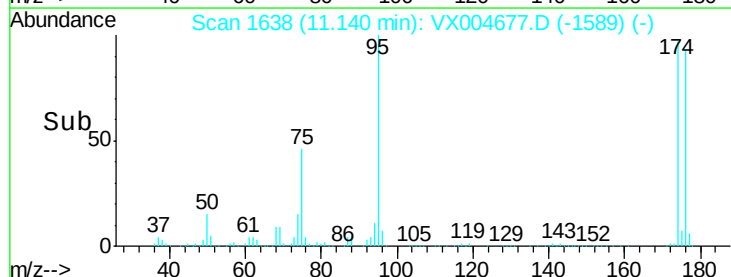
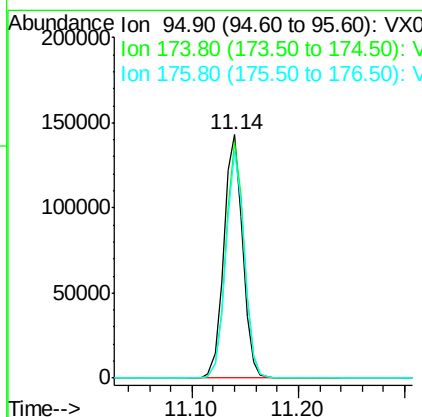
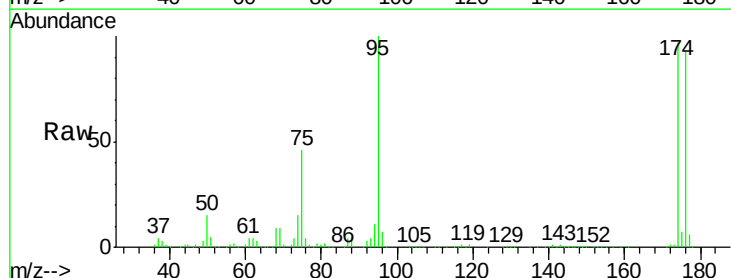
Instrument :
MSVOA_X
ClientSampleId :
TB

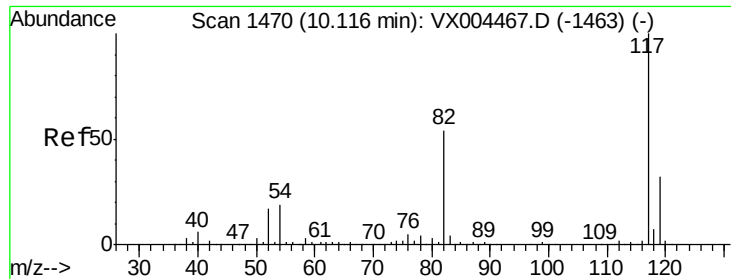
Tot Ion: 98 Resp: 492036
Ion Ratio Lower Upper
98 100
100 64.1 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 44.39 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004677.D
Acq: 19 Sep 2018 00:43

Tgt Ion: 95 Resp: 176574
Ion Ratio Lower Upper
95 100
174 95.7 0.0 185.2
176 91.9 0.0 178.6

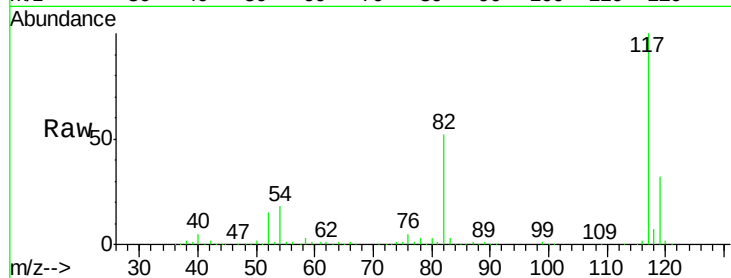




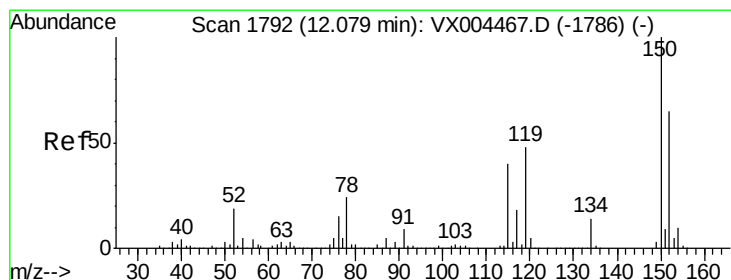
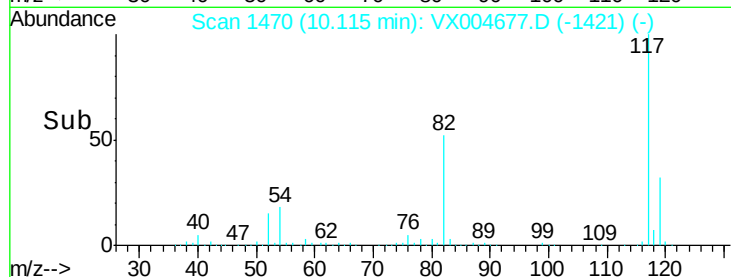
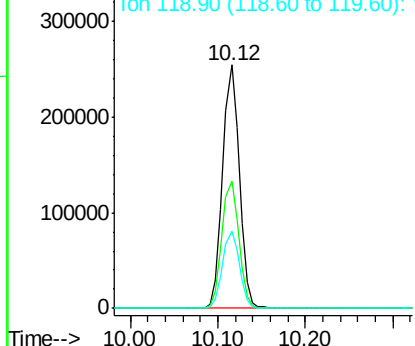
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004677.D
Acq: 19 Sep 2018 00:43

Instrument :
MSVOA_X
ClientSampleId :
TB

Tot Ion:117 Resp: 336160
Ion Ratio Lower Upper
117 100
82 52.5 47.8 71.6
119 31.7 29.3 43.9

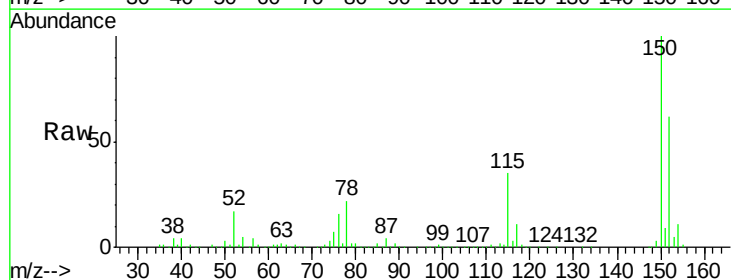


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004677.D
Acq: 19 Sep 2018 00:43

Tgt Ion:152 Resp: 211284
Ion Ratio Lower Upper
152 100
115 54.8 39.0 117.0
150 156.8 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

