

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091118\
 Data File : VX004474.D
 Acq On : 11 Sep 2018 19:14
 Operator : JC/MD
 Sample : J4857-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-180910

Quant Time: Sep 12 11:20:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 15:21:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	175522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	277147	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	262638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139506	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	123466	54.55	ug/l	0.00
Spiked Amount						
			Recovery	=	109.10%	
35) Dibromofluoromethane	5.51	113	109209	43.06	ug/l	0.00
Spiked Amount						
			Recovery	=	86.12%	
50) Toluene-d8	8.72	98	398028	46.80	ug/l	0.00
Spiked Amount						
			Recovery	=	93.60%	
62) 4-Bromofluorobenzene	11.14	95	135727	44.71	ug/l	0.00
Spiked Amount						
			Recovery	=	89.42%	

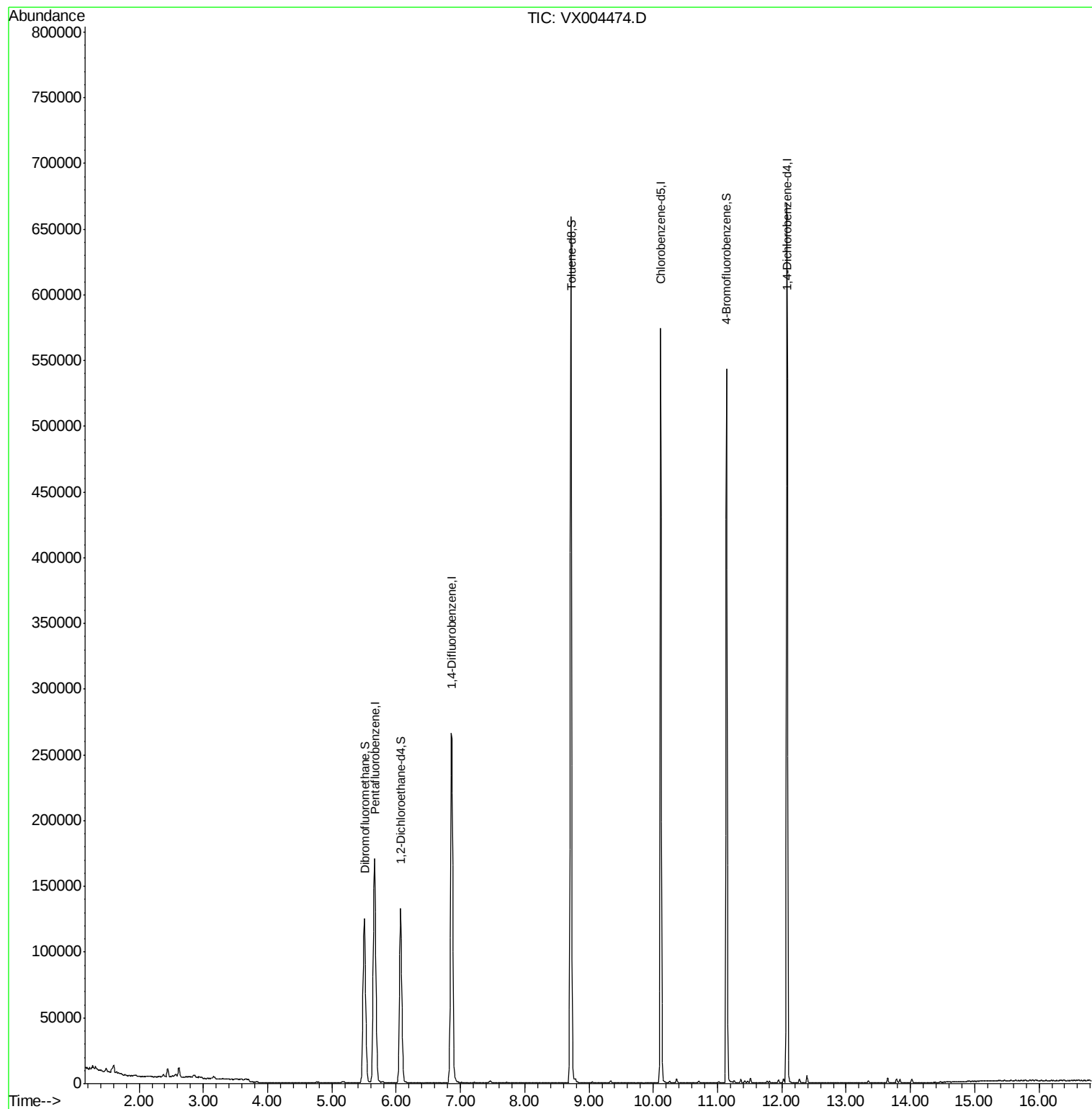
Target Compounds	Qvalue
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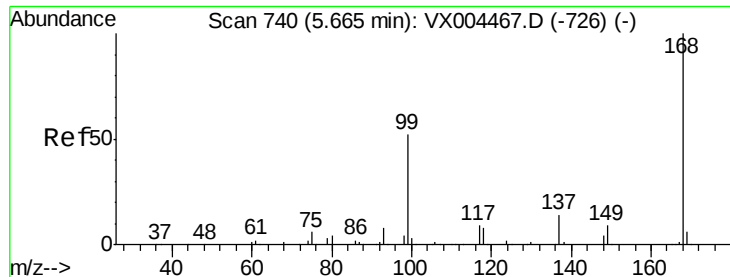
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 11 15:21:13 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX004474.D

Acq: 11 Sep 2018 19:14

Instrument :

MSVOA_X

ClientSampleId :

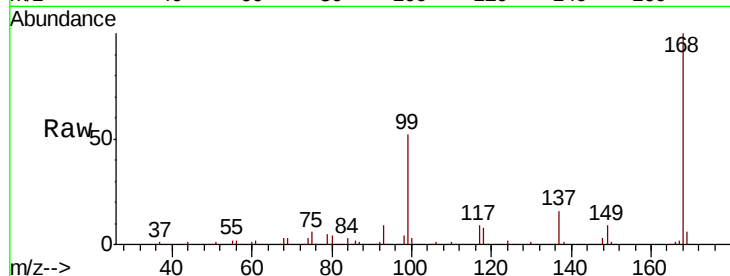
TB-01-180910

Tot Ion:168 Resp: 175522

Ion Ratio Lower Upper

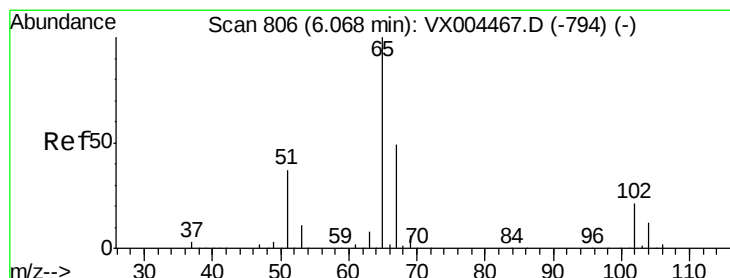
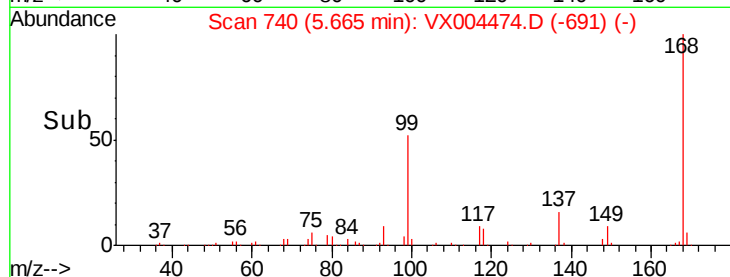
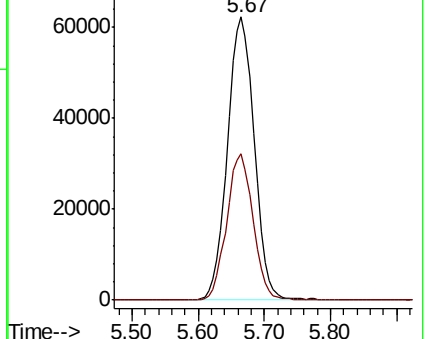
168 100

99 51.7 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: 54.55 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004474.D

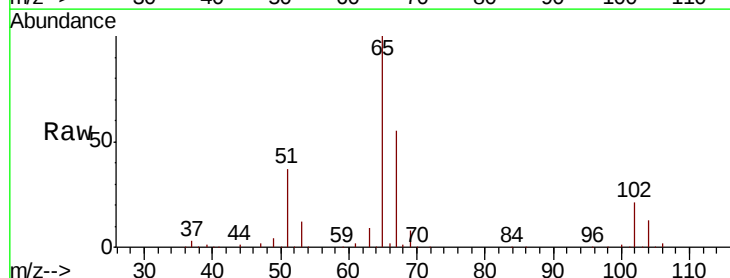
Acq: 11 Sep 2018 19:14

Tgt Ion: 65 Resp: 123466

Ion Ratio Lower Upper

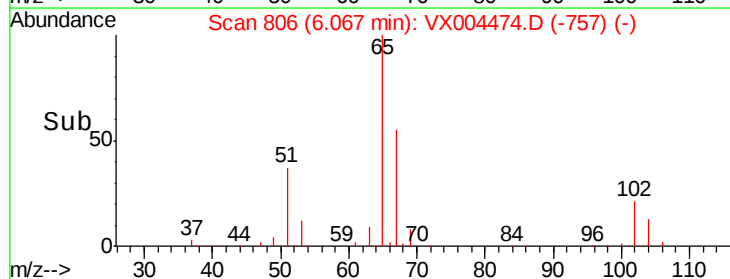
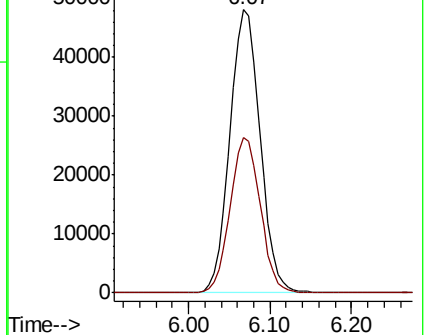
65 100

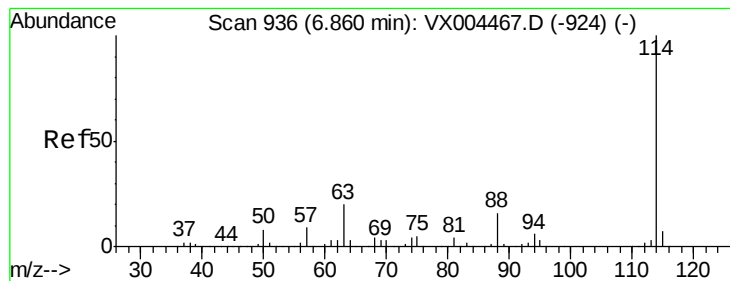
67 54.7 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX004474.D

Acq: 11 Sep 2018 19:14

Instrument :

MSVOA_X

ClientSampleId :

TB-01-180910

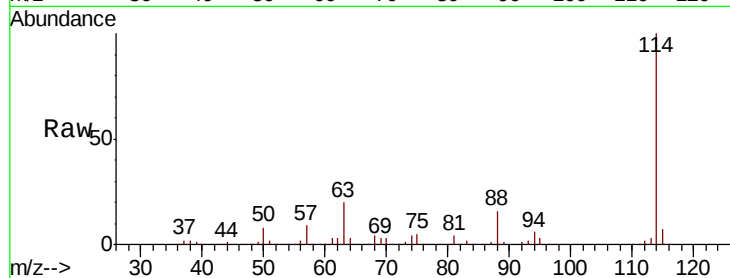
Tot Ion:114 Resp: 277147

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.0

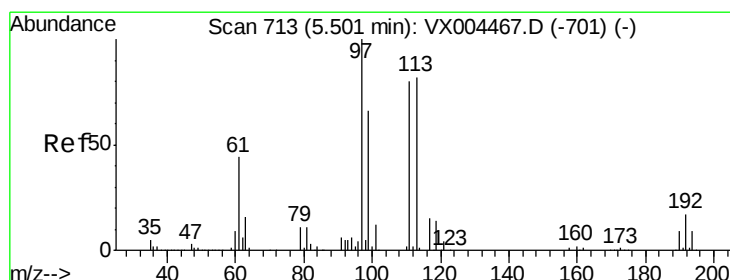
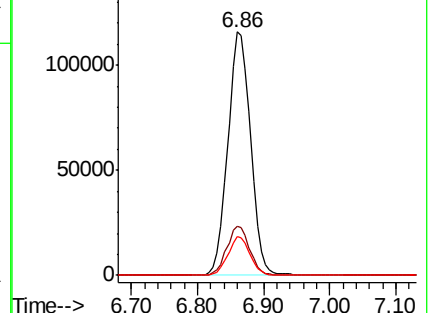
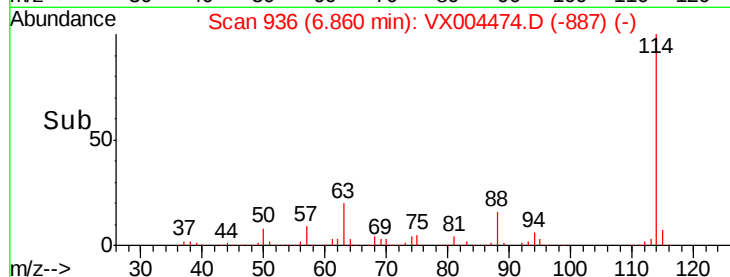
88 15.9 0.0 30.4



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: 43.06 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX004474.D

Acq: 11 Sep 2018 19:14

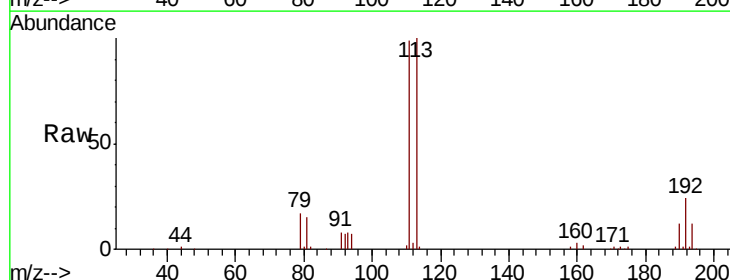
Tgt Ion:113 Resp: 109209

Ion Ratio Lower Upper

113 100

111 100.4 82.4 123.6

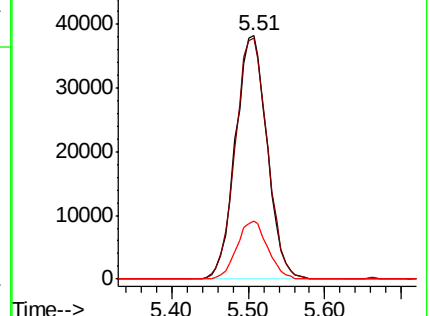
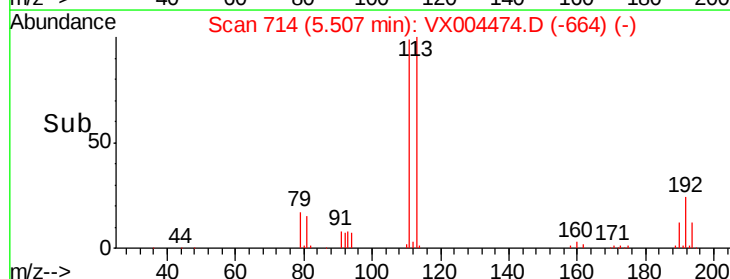
192 23.2 19.4 29.2

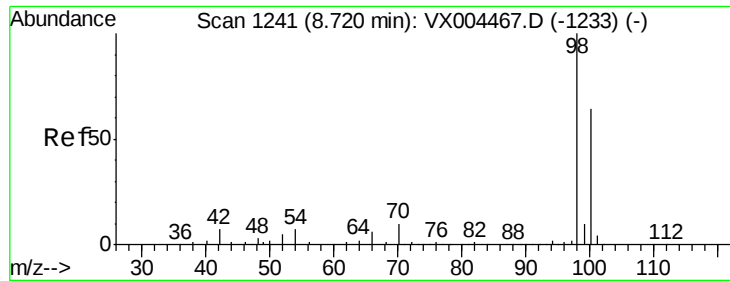


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

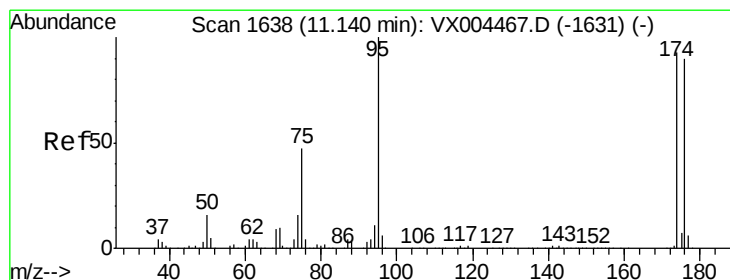
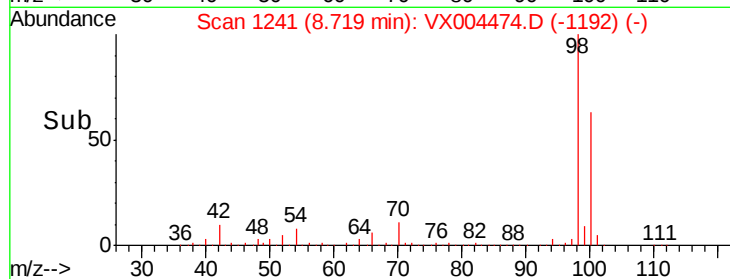
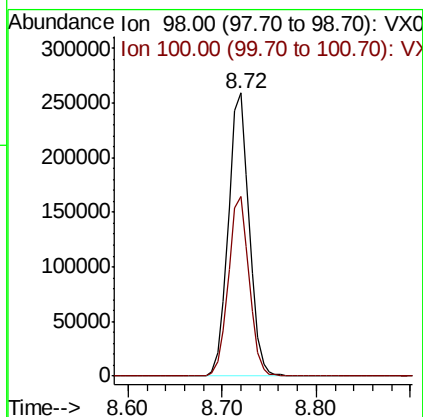
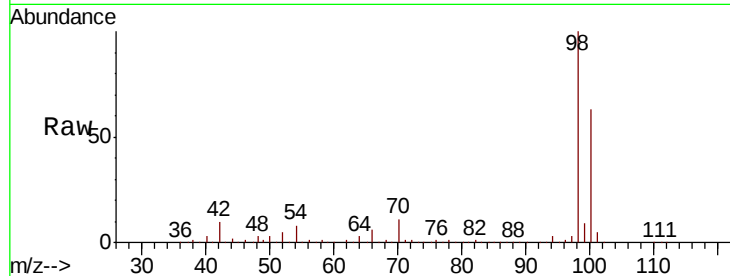




#50
Toluene-d8
Concen: 46.80 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004474.D
Acq: 11 Sep 2018 19:14

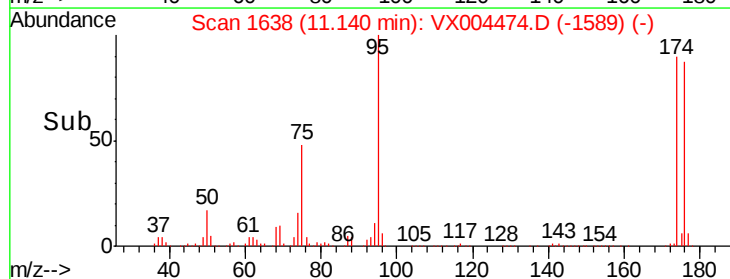
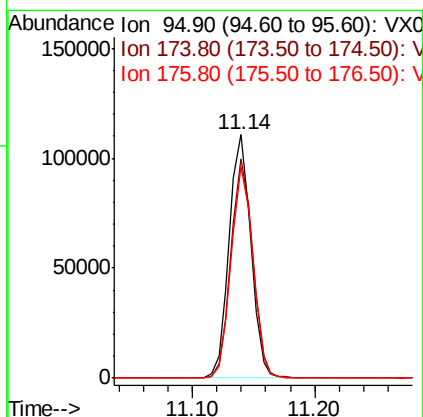
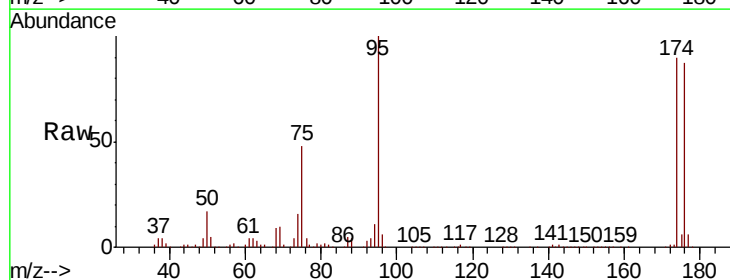
Instrument :
MSVOA_X
ClientSampleId :
TB-01-180910

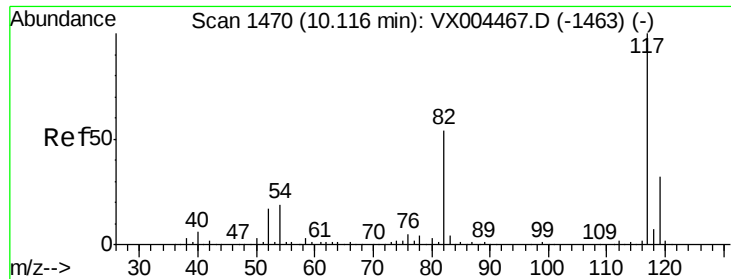
Tot Ion: 98 Resp: 398028
Ion Ratio Lower Upper
98 100
100 63.5 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 44.71 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004474.D
Acq: 11 Sep 2018 19:14

Tgt Ion: 95 Resp: 135727
Ion Ratio Lower Upper
95 100
174 90.9 0.0 185.2
176 86.6 0.0 178.6

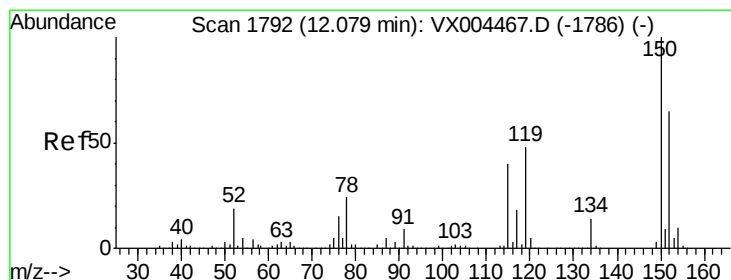
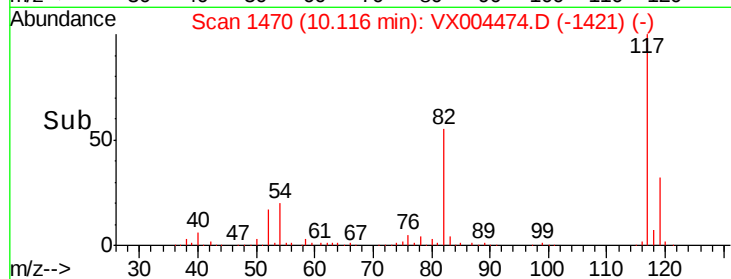
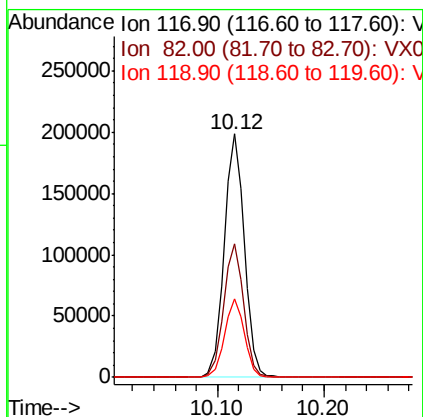
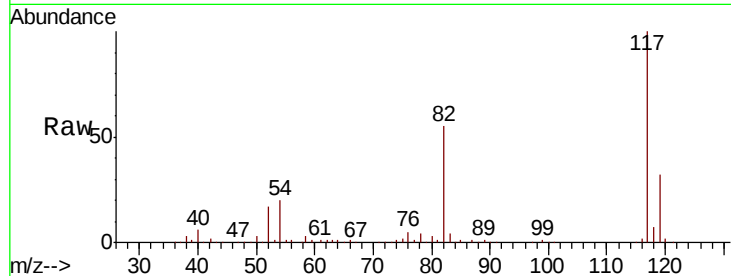




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004474.D
Acq: 11 Sep 2018 19:14

Instrument :
MSVOA_X
ClientSampled :
TB-01-180910

Tot Ion:117 Resp: 262638
Ion Ratio Lower Upper
117 100
82 54.7 47.8 71.6
119 32.0 29.3 43.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004474.D
Acq: 11 Sep 2018 19:14

Tgt Ion:152 Resp: 139506
Ion Ratio Lower Upper
152 100
115 55.5 39.0 117.0
150 156.2 0.0 351.0

