

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061618\
 Data File : VX002661.D
 Acq On : 16 Jun 2018 21:38
 Operator : JC/MD
 Sample : J3485-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-061318-03

Quant Time: Jun 18 11:16:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	207913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	297481	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	279112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	161000	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	141218	44.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.40%	
35) Dibromofluoromethane	5.51	113	108880	45.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.72%	
50) Toluene-d8	8.72	98	425578	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	
62) 4-Bromofluorobenzene	11.14	95	150511	44.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.12%	

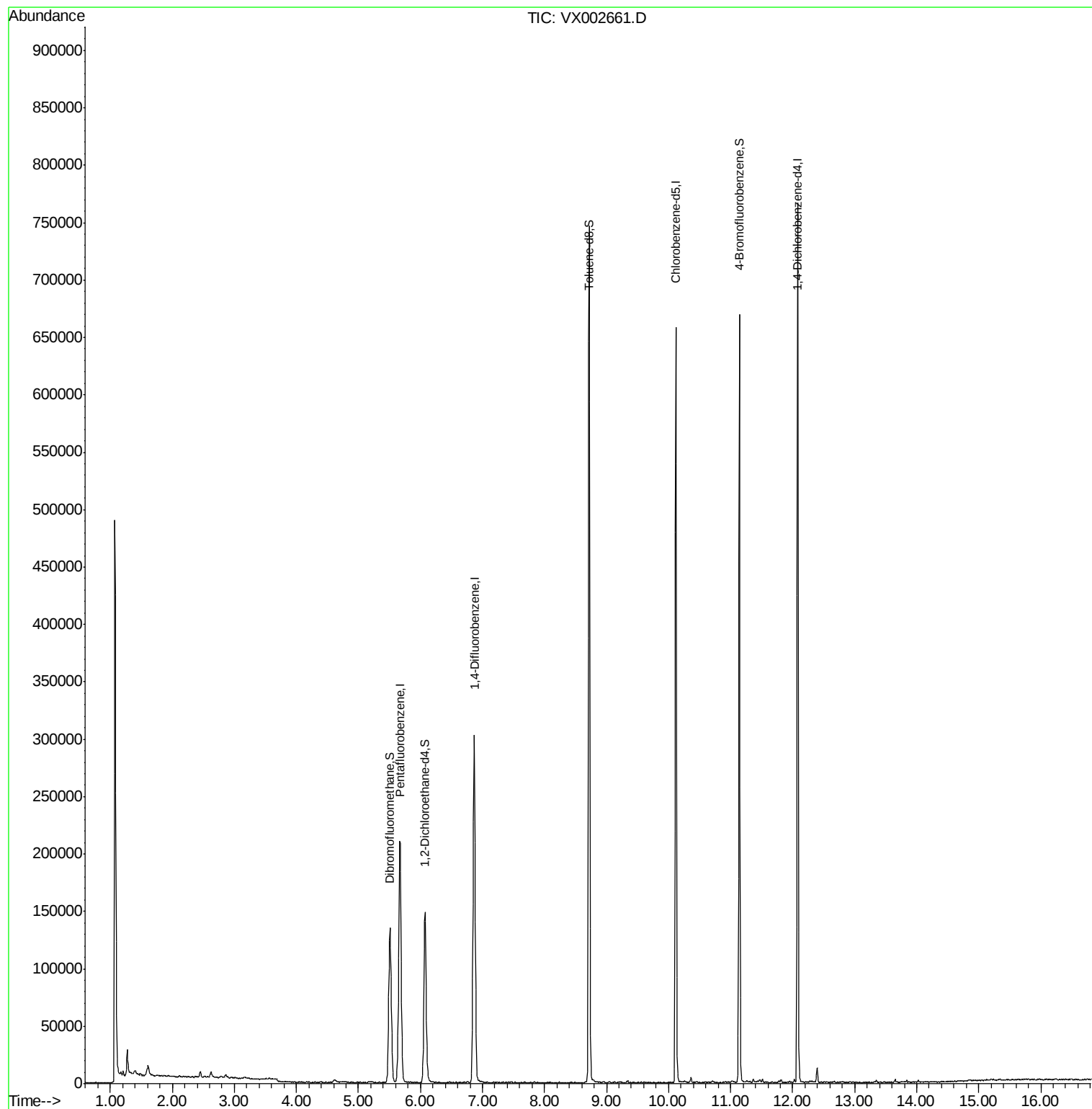
Target Compounds	Qvalue

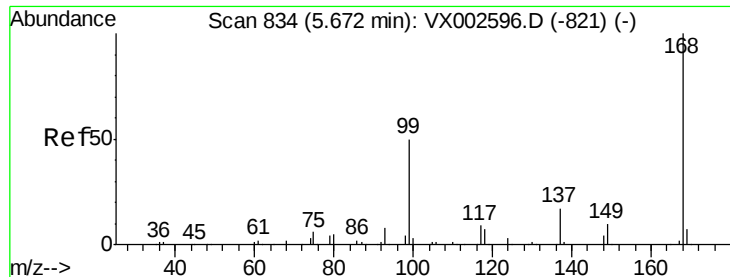
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002661.D

Acq: 16 Jun 2018 21:38

Instrument :

MSVOA_X

ClientSampleId :

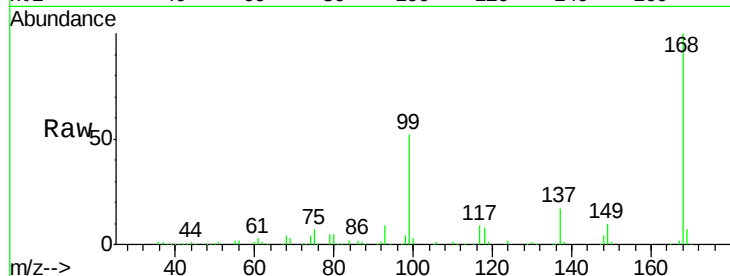
TB-061318-03

Tot Ion:168 Resp: 207913

Ion Ratio Lower Upper

168 100

99 51.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

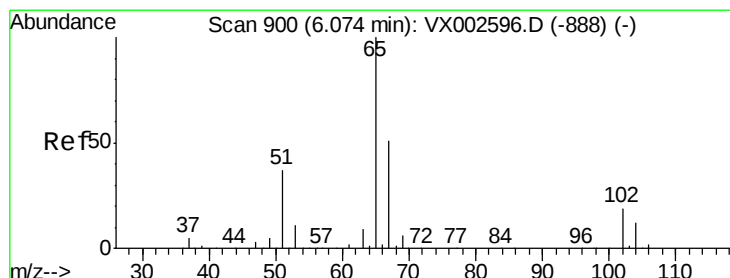
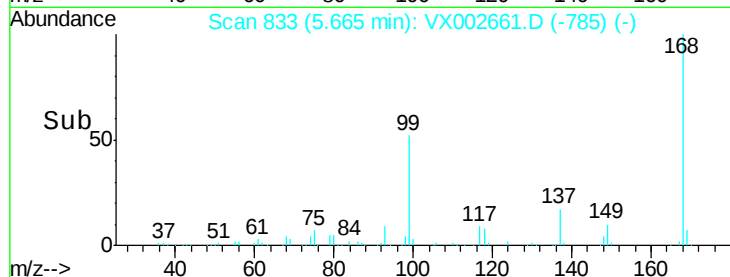
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 44.696 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002661.D

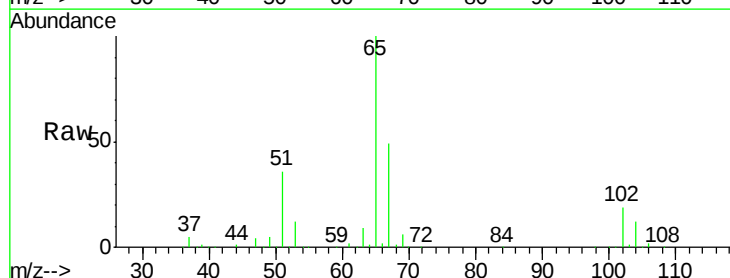
Acq: 16 Jun 2018 21:38

Tgt Ion: 65 Resp: 141218

Ion Ratio Lower Upper

65 100

67 50.9 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

50000

40000

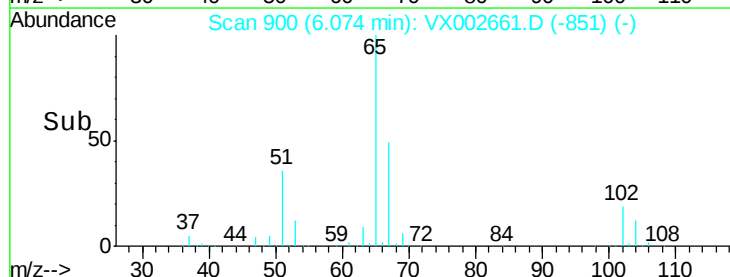
30000

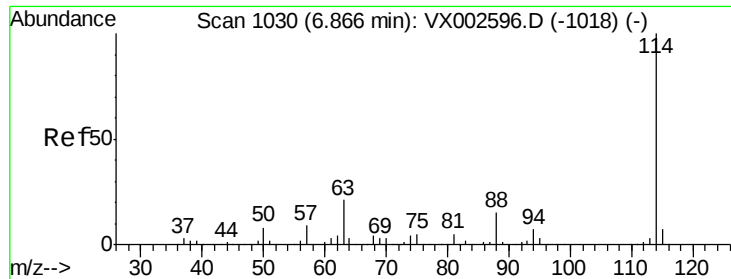
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

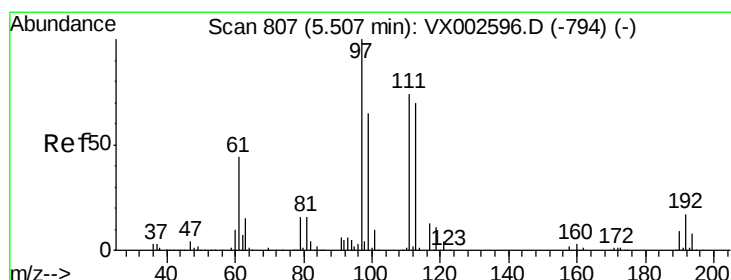
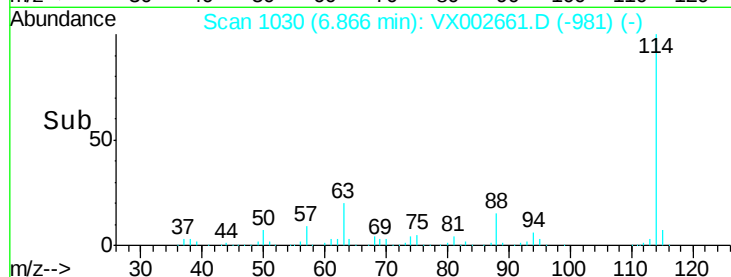
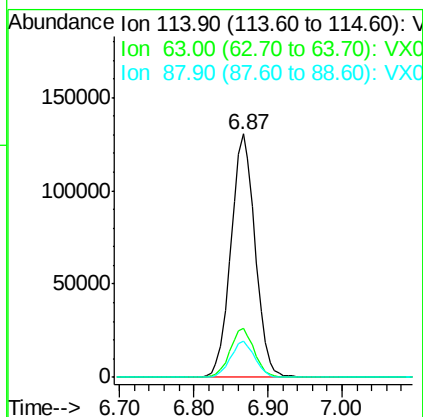
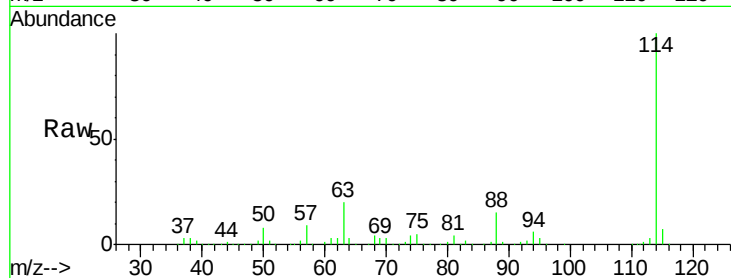




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002661.D
 Acq: 16 Jun 2018 21:38

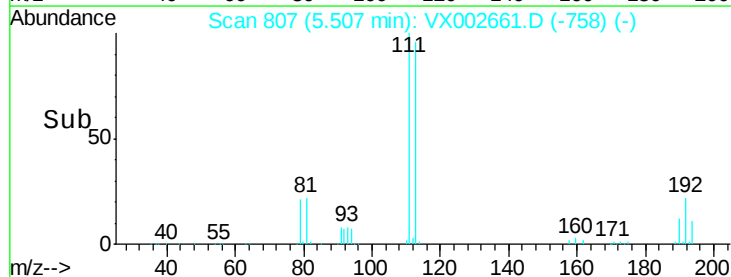
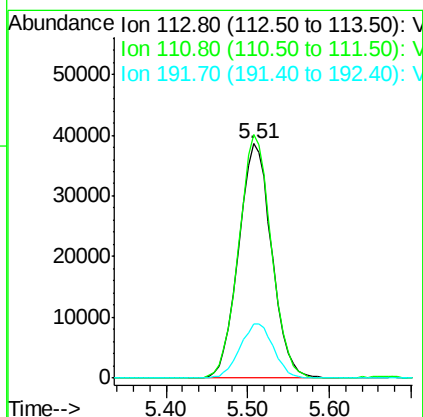
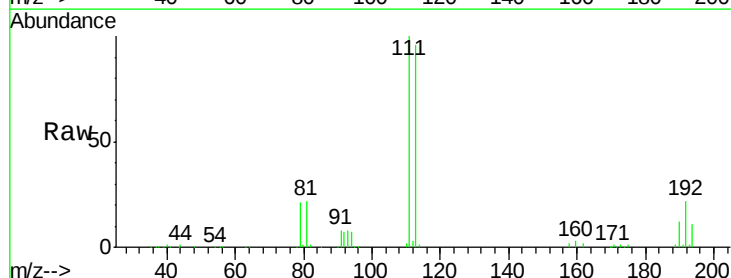
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-061318-03

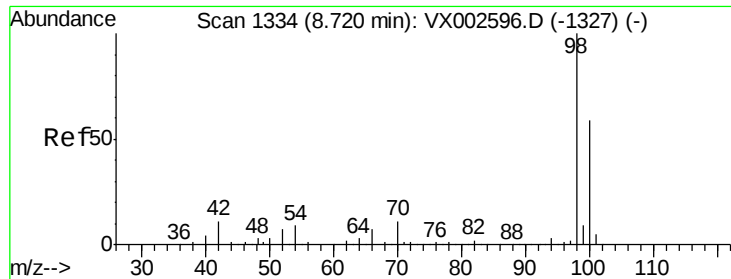
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	41.4
88	15.0	0.0	30.0



#35
 Dibromofluoromethane
 Concen: 45.860 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX002661.D
 Acq: 16 Jun 2018 21:38

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.4	122.0
192	23.3	19.1	28.7

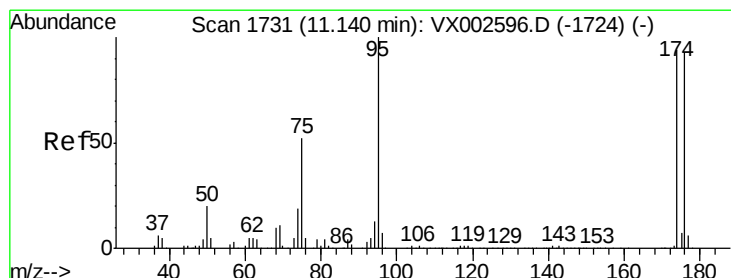
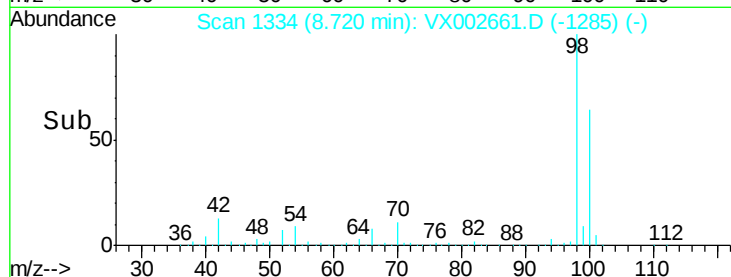
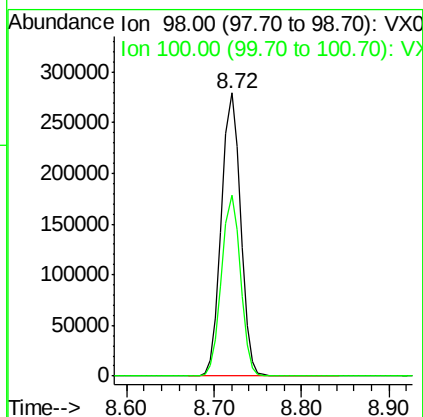
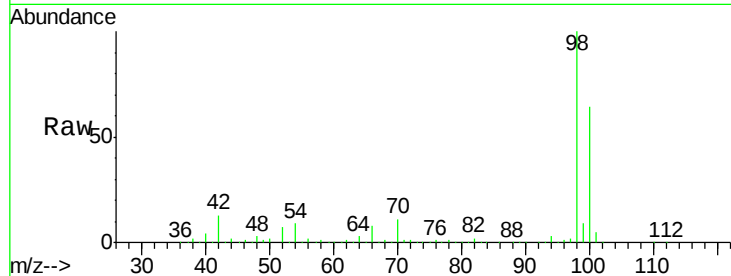




#50
Toluene-d8
Concen: 47.209 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002661.D
Acq: 16 Jun 2018 21:38

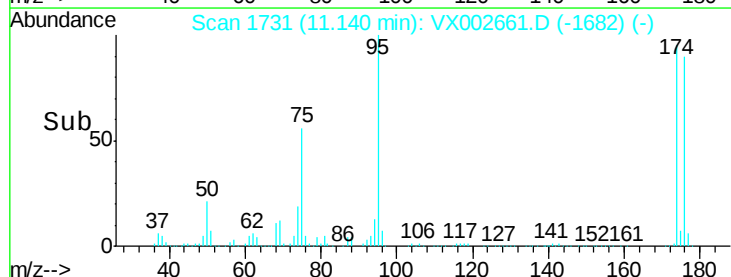
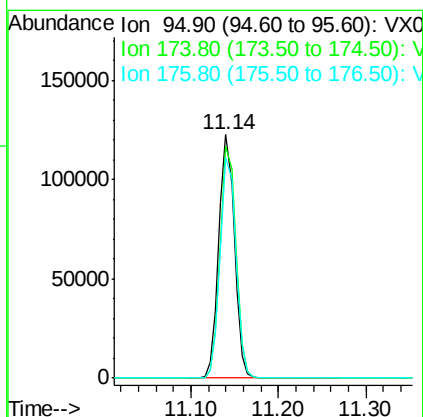
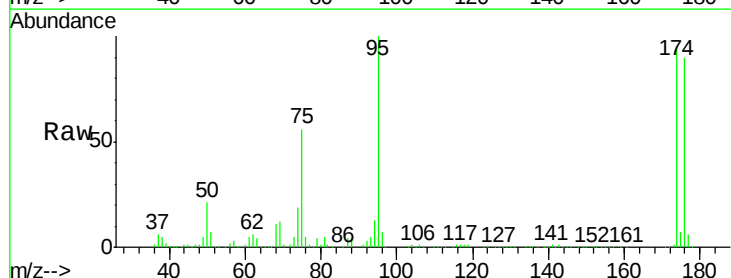
Instrument :
MSVOA_X
ClientSampleId :
TB-061318-03

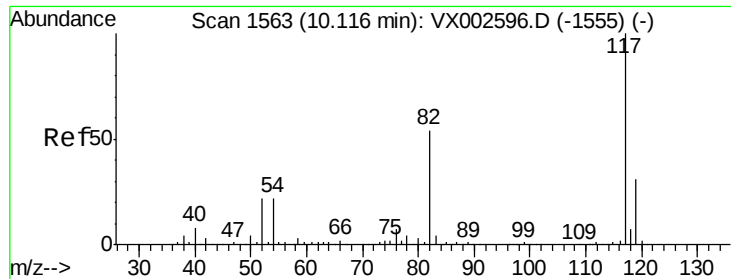
Tot Ion: 98 Resp: 425578
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 44.061 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002661.D
Acq: 16 Jun 2018 21:38

Tgt Ion: 95 Resp: 150511
Ion Ratio Lower Upper
95 100
174 96.8 0.0 187.4
176 92.1 0.0 181.0

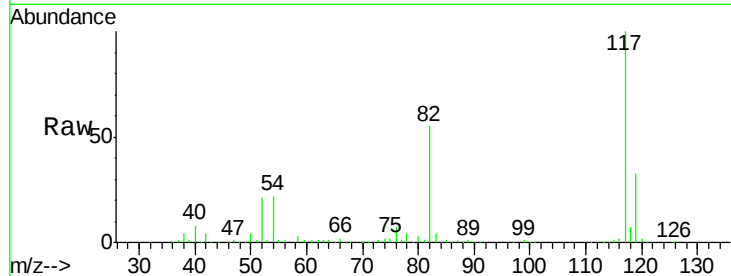




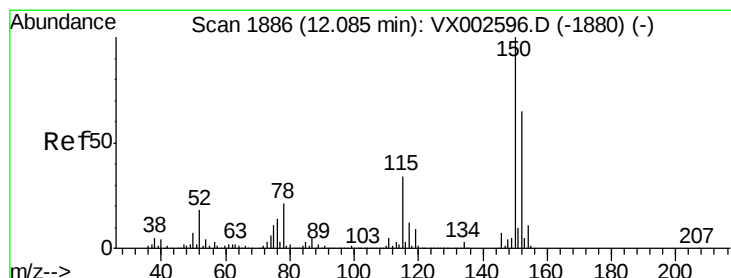
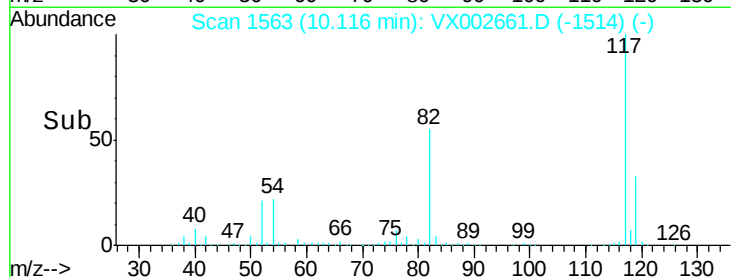
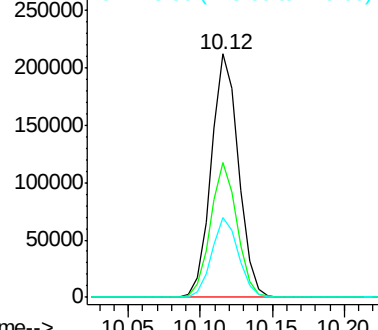
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002661.D
Acq: 16 Jun 2018 21:38

Instrument :
MSVOA_X
ClientSampleId :
TB-061318-03

Tot Ion:117 Resp: 279112
Ion Ratio Lower Upper
117 100
82 55.1 45.0 67.4
119 33.0 25.8 38.6

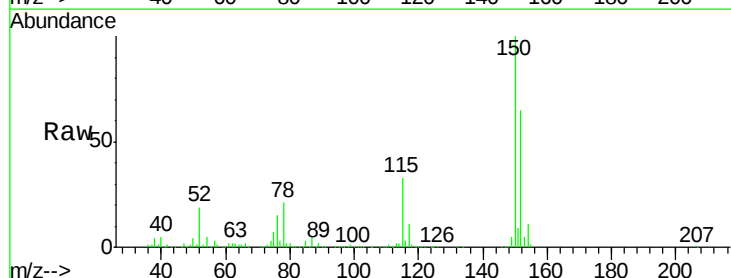


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002661.D
Acq: 16 Jun 2018 21:38

Tgt Ion:152 Resp: 161000
Ion Ratio Lower Upper
152 100
115 54.2 40.1 120.2
150 155.1 0.0 347.2



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

