

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102218\
 Data File : VX005500.D
 Acq On : 23 Oct 2018 05:26
 Operator : JC/MD
 Sample : J5621-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PA-SW-01

Quant Time: Oct 23 13:18:25 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	226736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	320534	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	286214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	134613	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	140158	55.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.40%	
35) Dibromofluoromethane	5.51	113	109740	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
50) Toluene-d8	8.72	98	383477	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	
62) 4-Bromofluorobenzene	11.14	95	125340	45.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.56%	

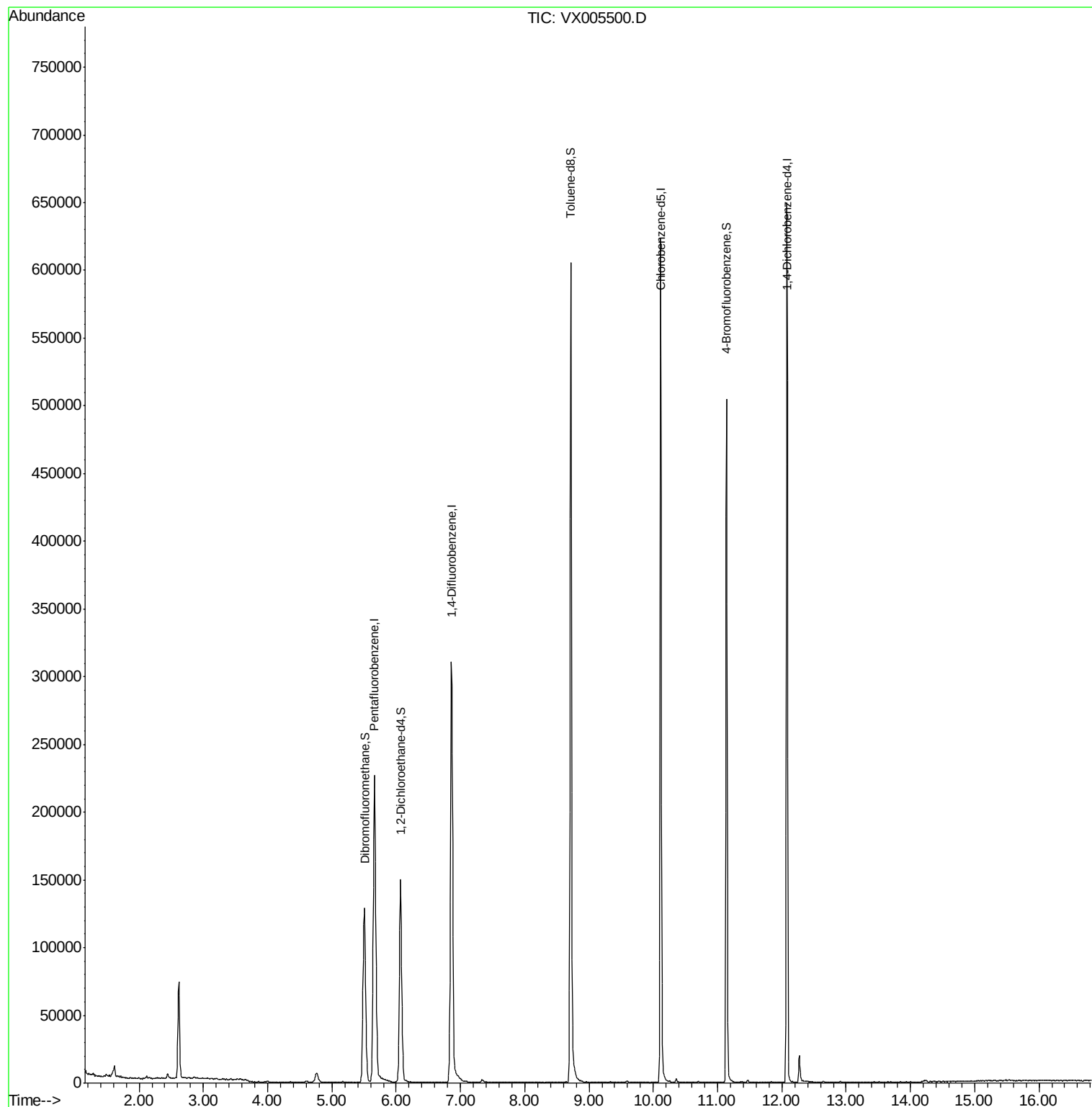
Target Compounds	Qvalue

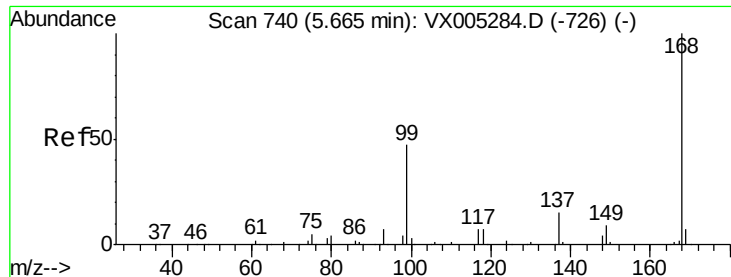
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005500.D

Acq: 23 Oct 2018 05:26

Instrument :

MSVOA_X

ClientSampleId :

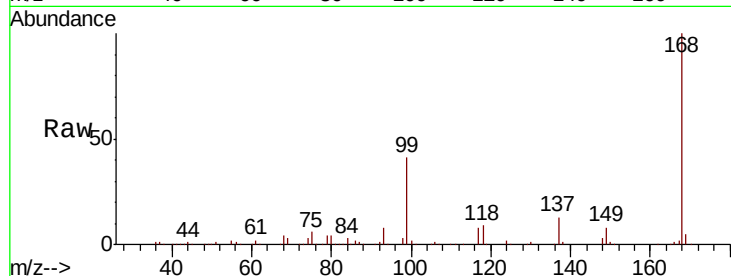
PA-SW-01

Tot Ion:168 Resp: 226736

Ion Ratio Lower Upper

168 100

99 41.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

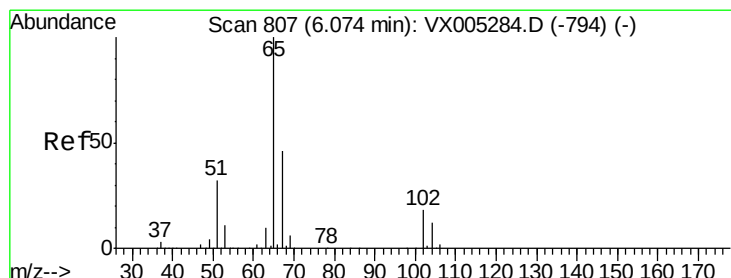
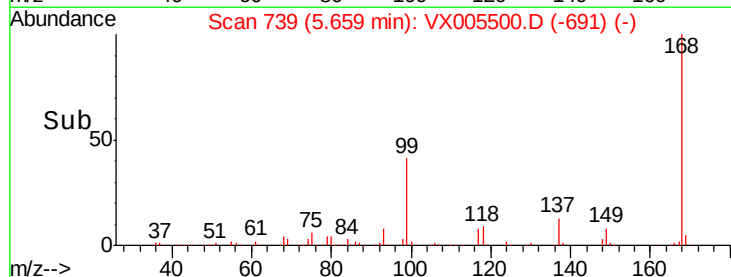
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 55.697 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX005500.D

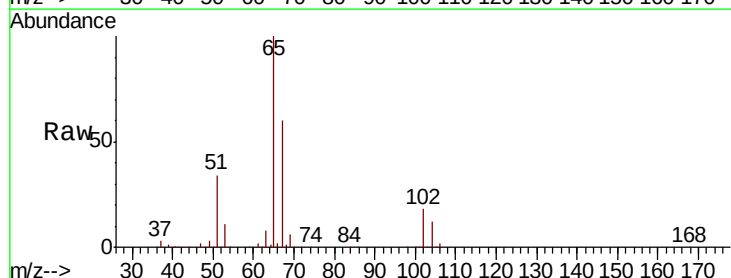
Acq: 23 Oct 2018 05:26

Tgt Ion: 65 Resp: 140158

Ion Ratio Lower Upper

65 100

67 54.2 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

60000

50000

40000

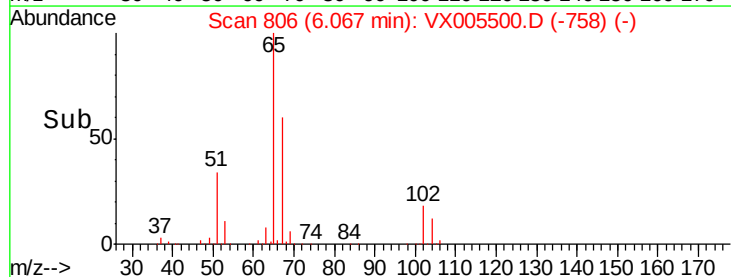
30000

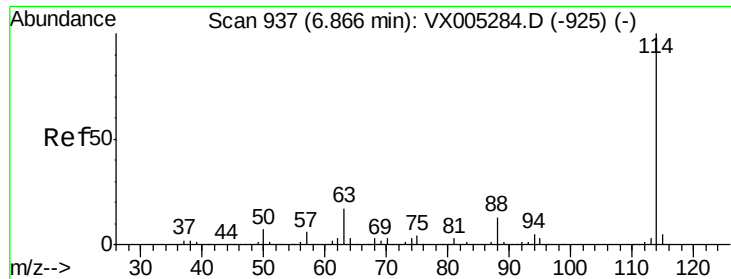
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

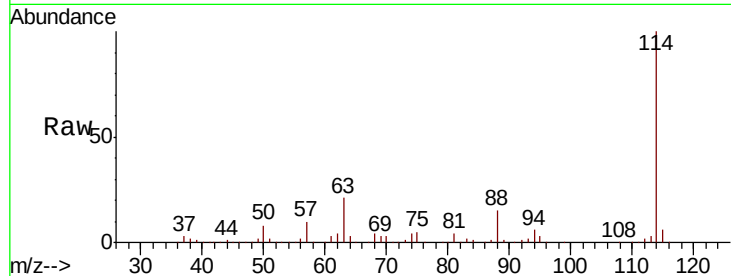




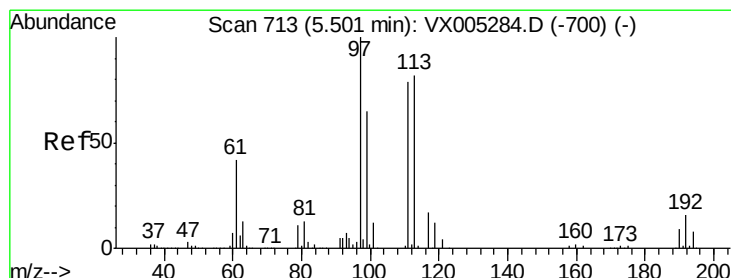
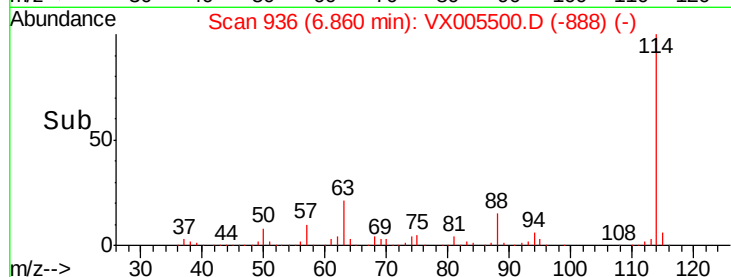
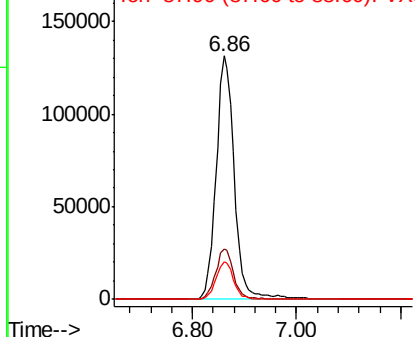
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005500.D
 Acq: 23 Oct 2018 05:26

Instrument :
 MSVOA_X
 ClientSampleId :
 PA-SW-01

Tot Ion:114 Resp: 320534
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.0
 88 15.2 0.0 30.4

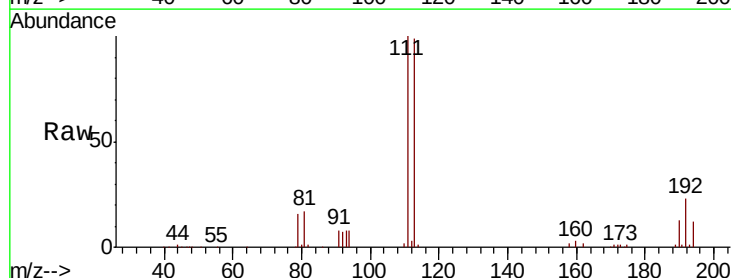


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

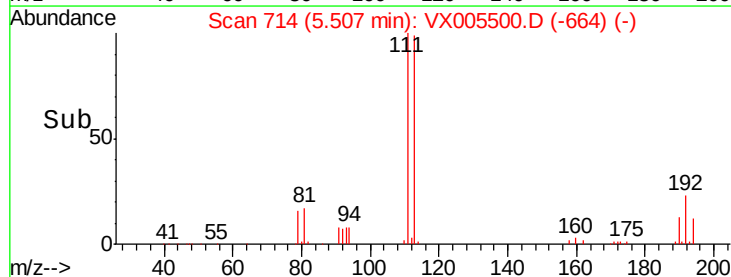
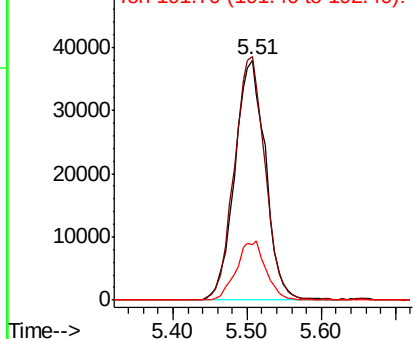


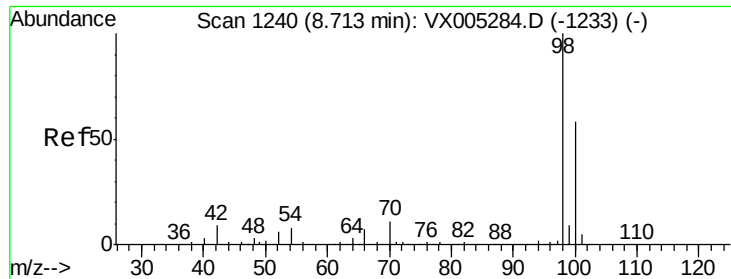
#35
 Dibromofluoromethane
 Concen: 51.692 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005500.D
 Acq: 23 Oct 2018 05:26

Tgt Ion:113 Resp: 109740
 Ion Ratio Lower Upper
 113 100
 111 101.2 82.4 123.6
 192 23.6 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

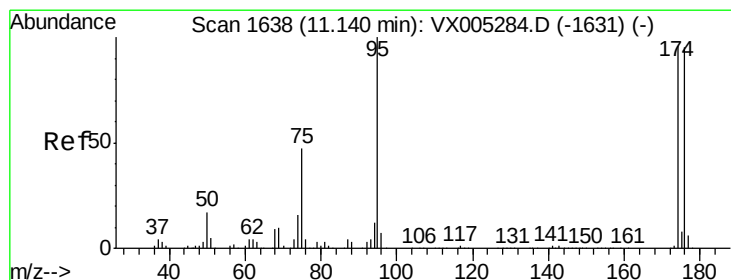
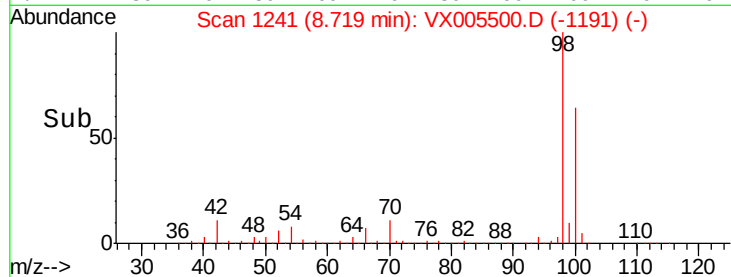
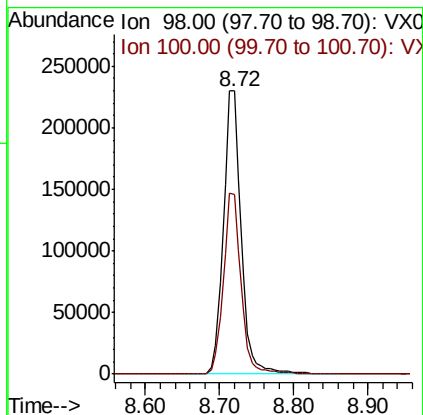
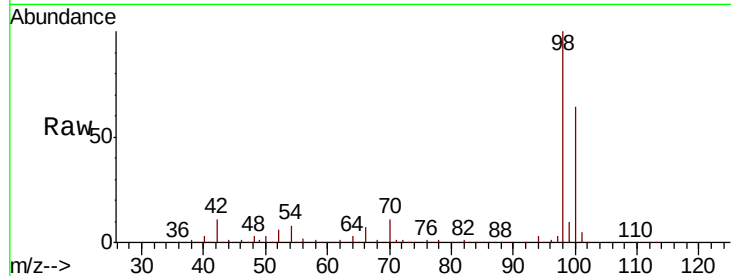




#50
Toluene-d8
Concen: 52.615 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005500.D
Acq: 23 Oct 2018 05:26

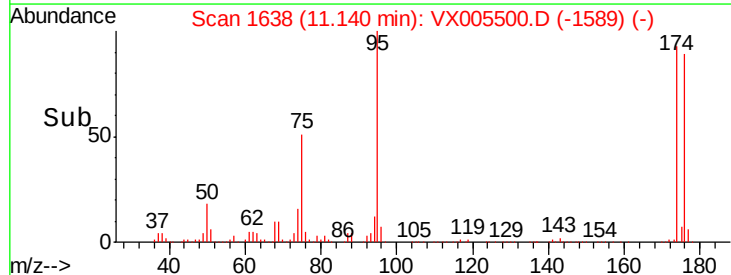
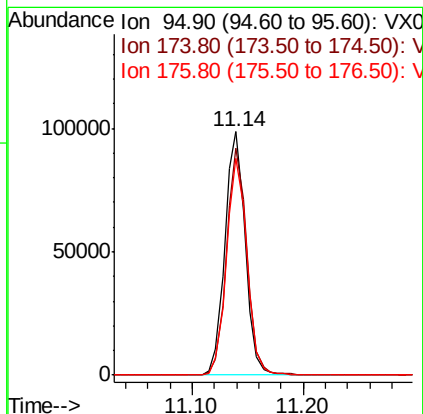
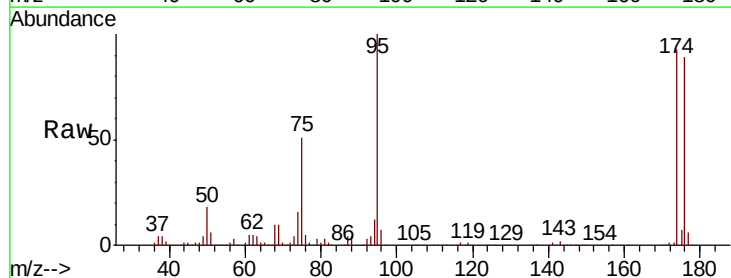
Instrument :
MSVOA_X
ClientSampleId :
PA-SW-01

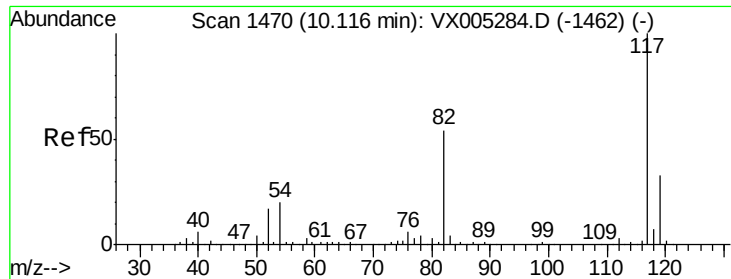
Tot Ion: 98 Resp: 383477
Ion Ratio Lower Upper
98 100
100 63.5 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 45.779 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005500.D
Acq: 23 Oct 2018 05:26

Tgt Ion: 95 Resp: 125340
Ion Ratio Lower Upper
95 100
174 92.6 0.0 185.2
176 89.4 0.0 178.6

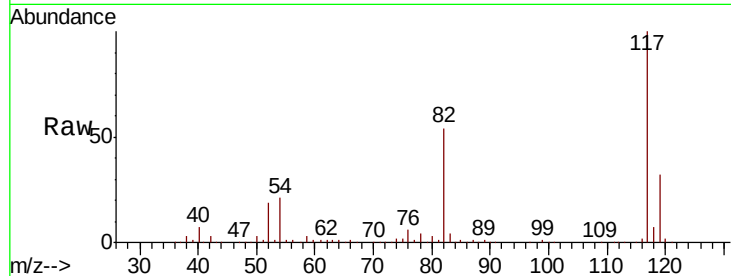




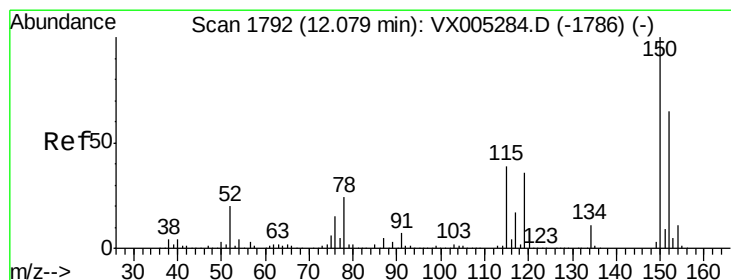
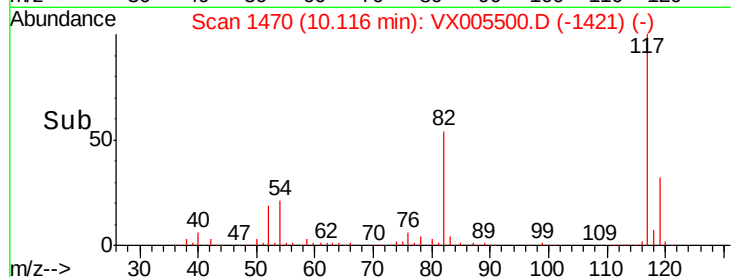
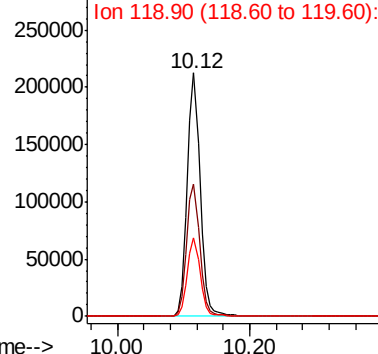
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005500.D
Acq: 23 Oct 2018 05:26

Instrument :
MSVOA_X
ClientSampled :
PA-SW-01

Tot Ion:117 Resp: 286214
Ion Ratio Lower Upper
117 100
82 54.1 47.8 71.6
119 32.0 29.3 43.9

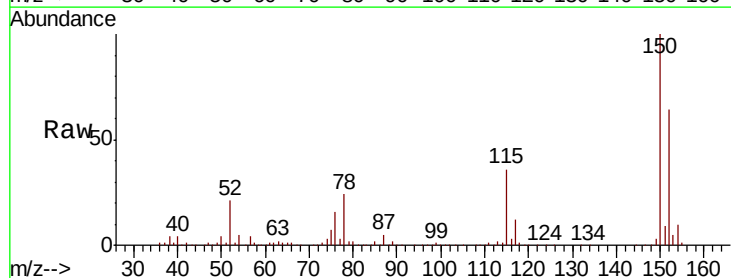


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005500.D
Acq: 23 Oct 2018 05:26

Tgt Ion:152 Resp: 134613
Ion Ratio Lower Upper
152 100
115 55.0 39.0 117.0
150 156.3 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

