

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082918\
 Data File : VX004282.D
 Acq On : 29 Aug 2018 10:30
 Operator : JC/MD
 Sample : J4682-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB1-082218

Quant Time: Aug 30 10:48:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	291106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	449269	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	396877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	224755	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	194914	51.37	ug/l	0.00
Spiked Amount						
			Recovery	=	102.74%	
35) Dibromofluoromethane	5.50	113	172140	51.50	ug/l	0.00
Spiked Amount						
			Recovery	=	103.00%	
50) Toluene-d8	8.71	98	628525	49.82	ug/l	0.00
Spiked Amount						
			Recovery	=	99.64%	
62) 4-Bromofluorobenzene	11.14	95	221270	47.01	ug/l	0.00
Spiked Amount						
			Recovery	=	94.02%	

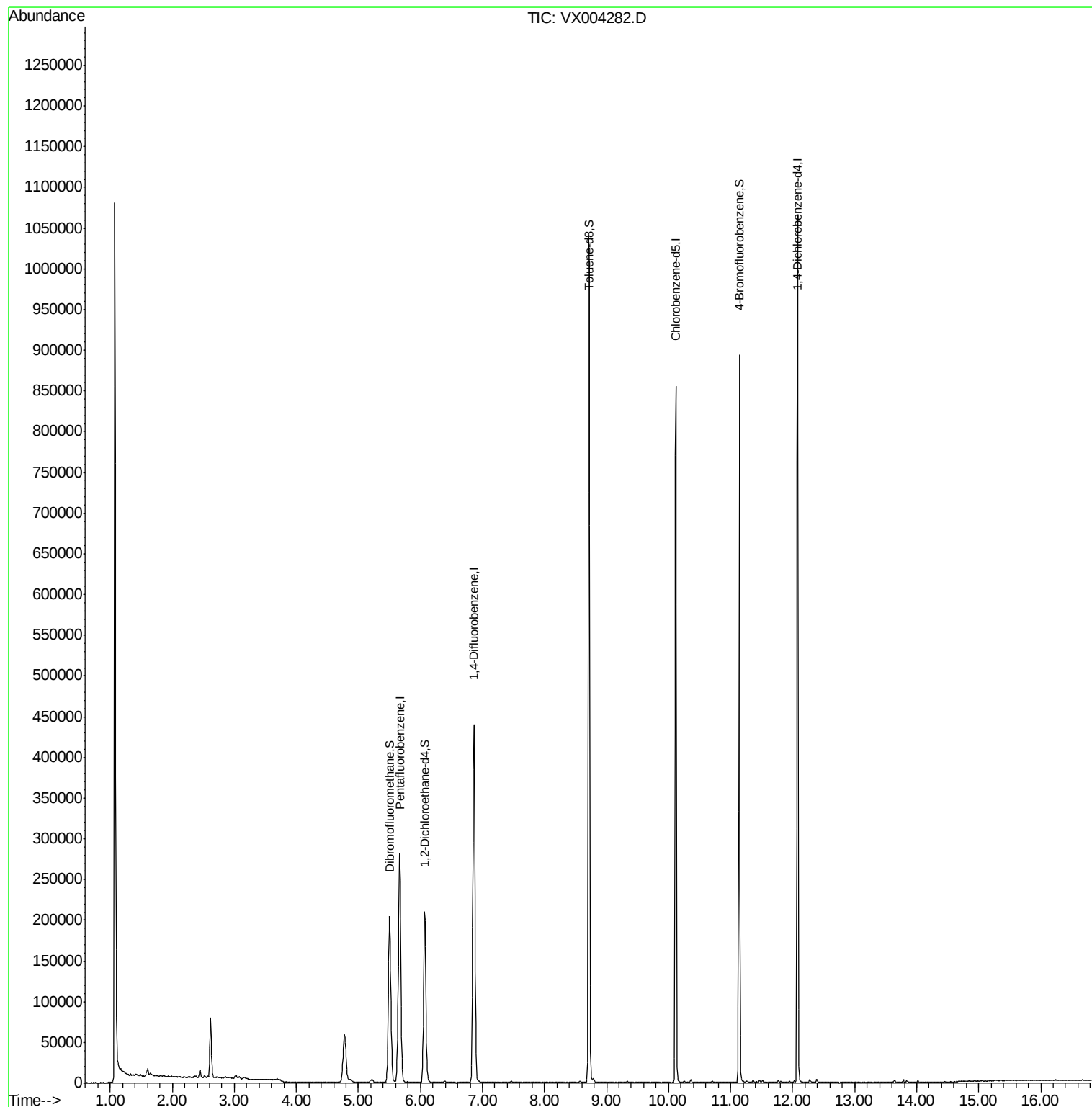
Target Compounds	Qvalue

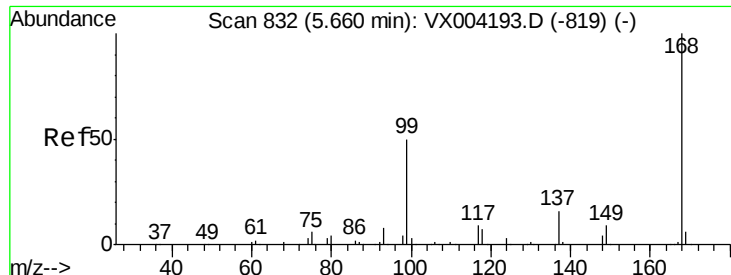
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX004282.D

Acq: 29 Aug 2018 10:30

Instrument :

MSVOA_X

ClientSampleId :

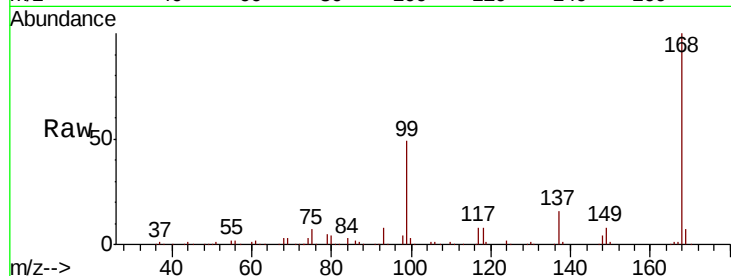
TB1-082218

Tot Ion:168 Resp: 291106

Ion Ratio Lower Upper

168 100

99 49.1 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

120000

100000

80000

60000

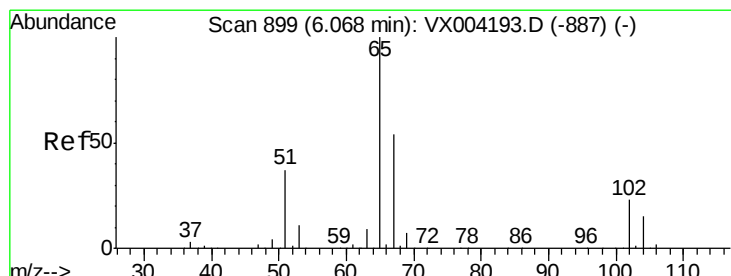
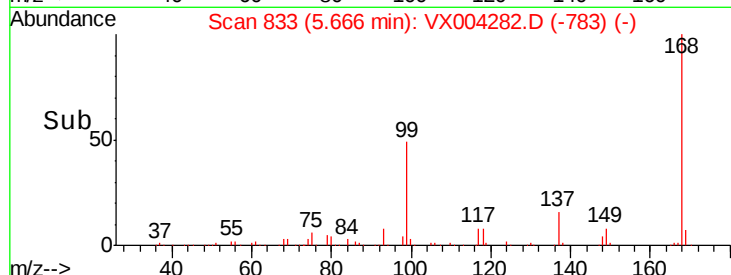
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: 51.37 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004282.D

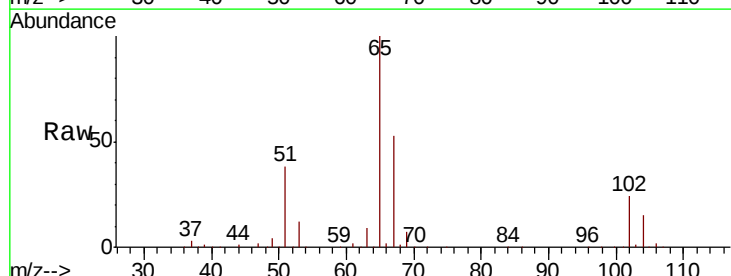
Acq: 29 Aug 2018 10:30

Tgt Ion: 65 Resp: 194914

Ion Ratio Lower Upper

65 100

67 53.0 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

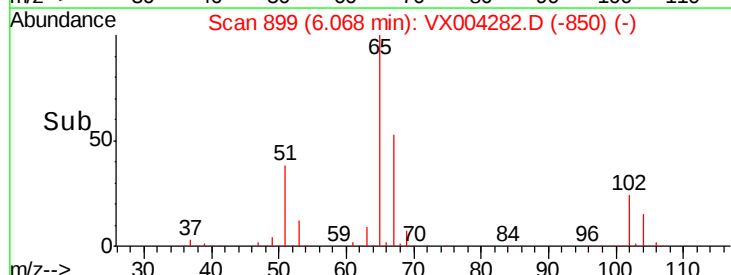
40000

20000

0

Time-->

6.00 6.10 6.20

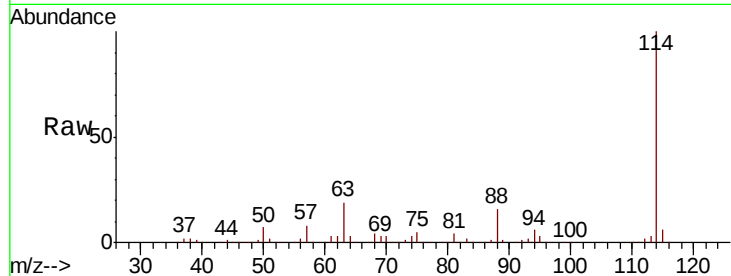




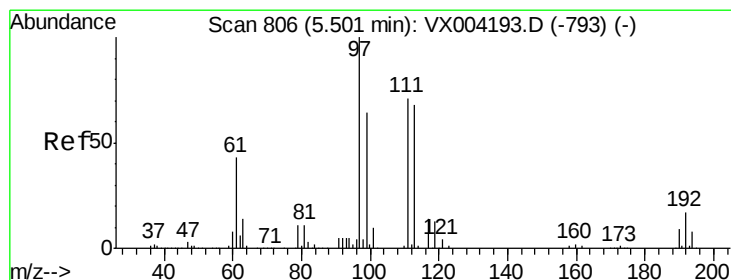
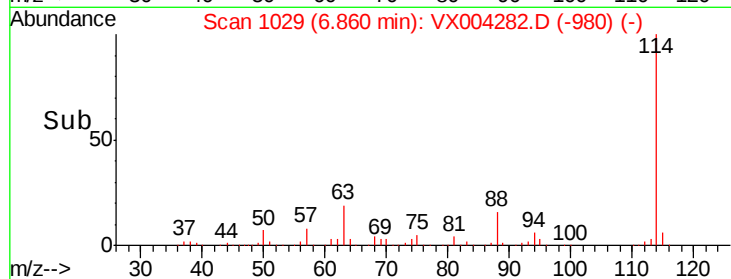
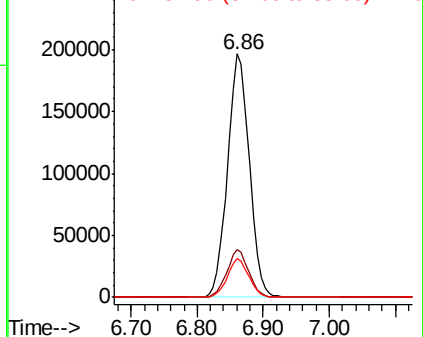
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004282.D
 Acq: 29 Aug 2018 10:30

Instrument :
 MSVOA_X
 ClientSampleID :
 TB1-082218

Tot Ion:114 Resp: 449269
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.7 0.0 30.4

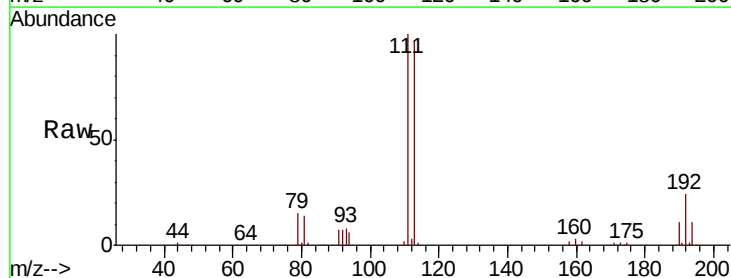


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

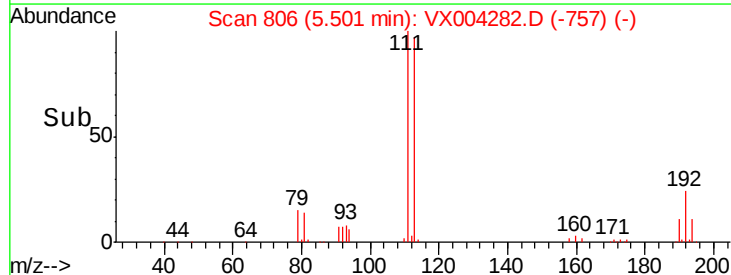
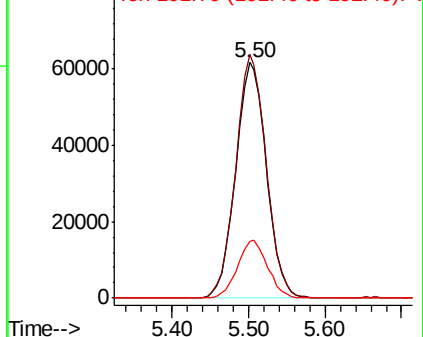


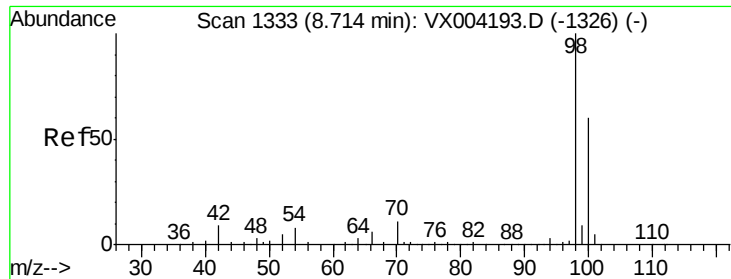
#35
 Dibromofluoromethane
 Concen: 51.50 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004282.D
 Acq: 29 Aug 2018 10:30

Tgt Ion:113 Resp: 172140
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.4 123.6
 192 24.0 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

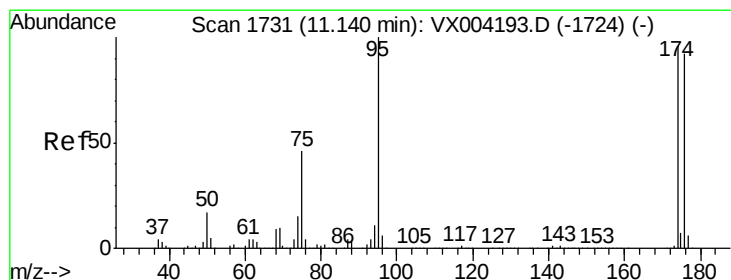
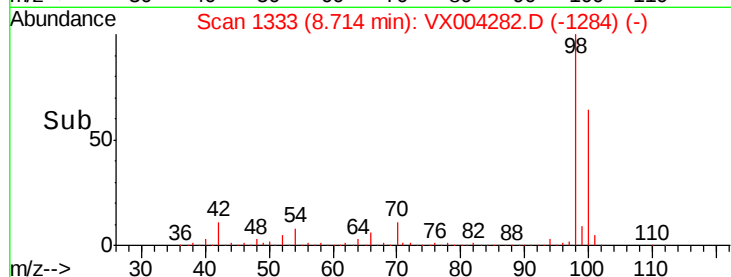
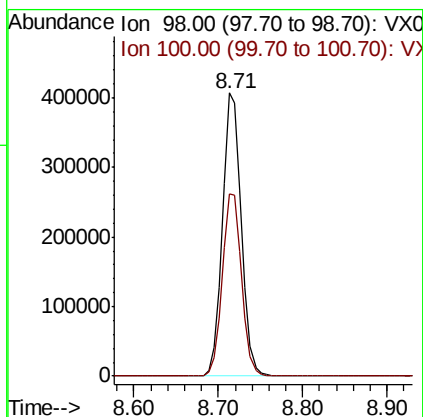
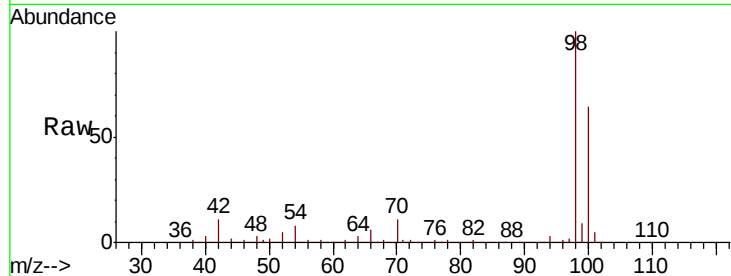




#50
Toluene-d8
Concen: 49.82 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004282.D
Acq: 29 Aug 2018 10:30

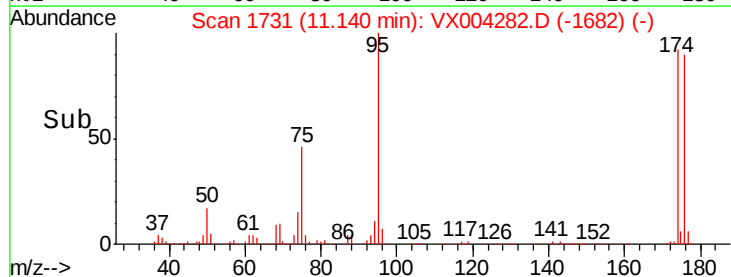
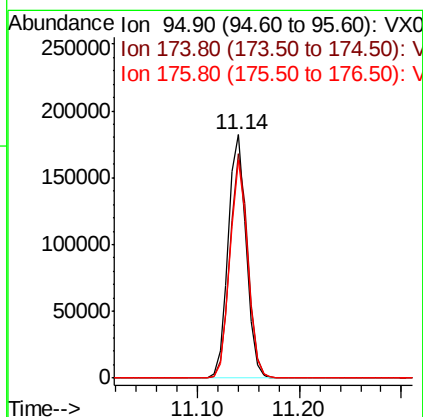
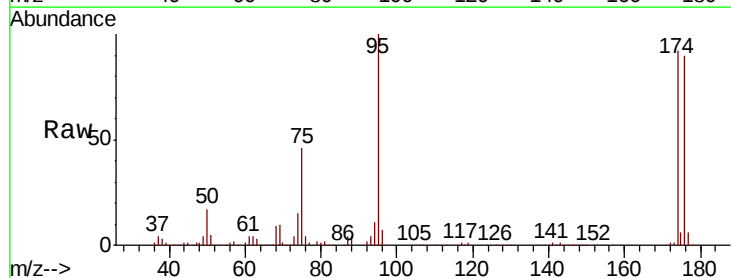
Instrument :
MSVOA_X
ClientSampleId :
TB1-082218

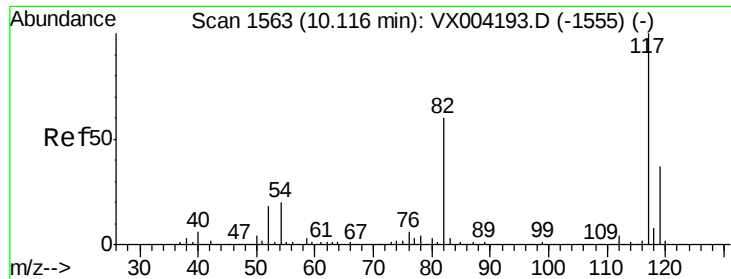
Tot Ion: 98 Resp: 628525
Ion Ratio Lower Upper
98 100
100 65.7 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 47.01 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004282.D
Acq: 29 Aug 2018 10:30

Tgt Ion: 95 Resp: 221270
Ion Ratio Lower Upper
95 100
174 91.5 0.0 185.2
176 88.4 0.0 178.6

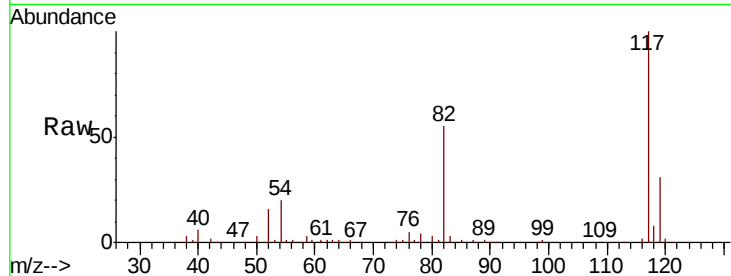




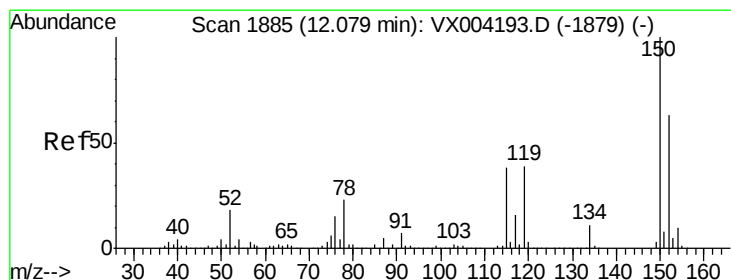
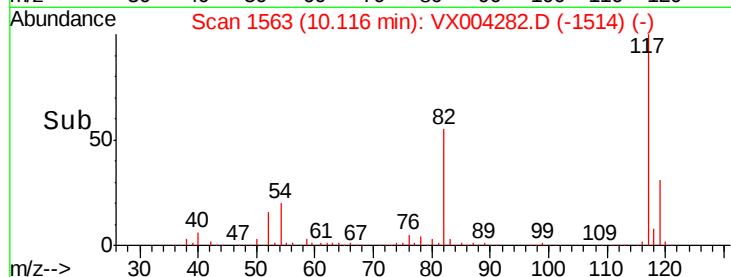
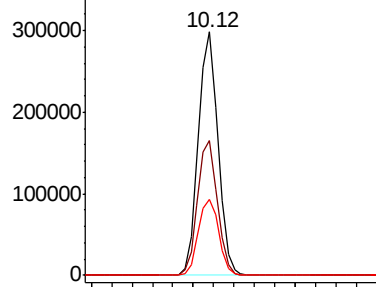
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004282.D
Acq: 29 Aug 2018 10:30

Instrument :
MSVOA_X
ClientSampleId :
TB1-082218

Tot Ion:117 Resp: 396877
Ion Ratio Lower Upper
117 100
82 55.2 47.8 71.6
119 31.4 29.3 43.9

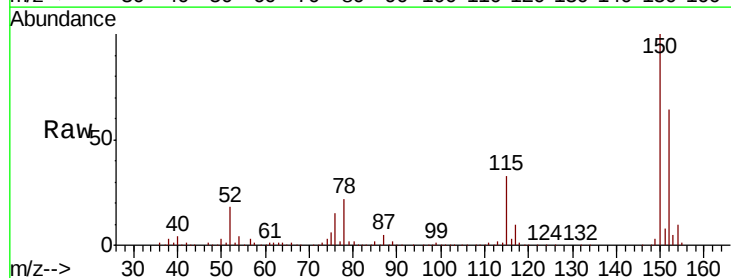


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004282.D
Acq: 29 Aug 2018 10:30

Tgt Ion:152 Resp: 224755
Ion Ratio Lower Upper
152 100
115 53.0 39.0 117.0
150 154.6 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

