

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
 Data File : VX004096.D
 Acq On : 16 Aug 2018 02:41
 Operator : JC/MD
 Sample : J4495-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z5TB01-180814

Quant Time: Aug 16 16:42:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	247270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	393567	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	362626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193704	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	182207	52.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.60%	
35) Dibromofluoromethane	5.51	113	157205	53.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.74%	
50) Toluene-d8	8.72	98	554186	46.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.80%	
62) 4-Bromofluorobenzene	11.14	95	184594	42.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.24%	

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

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ClientSampleId :

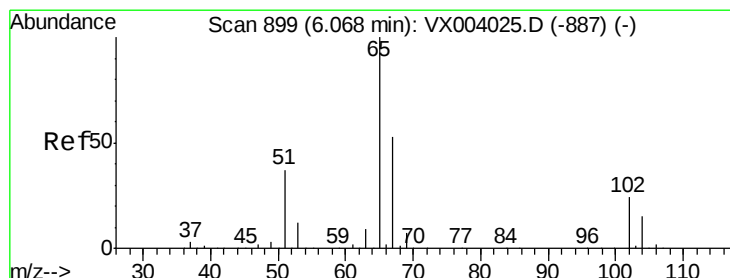
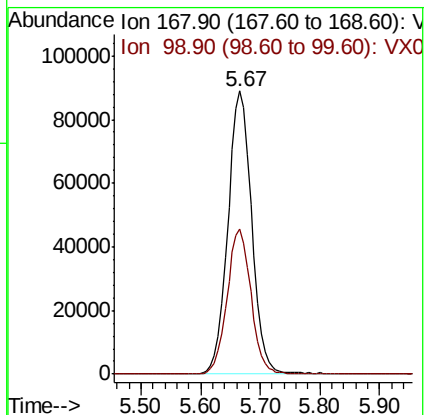
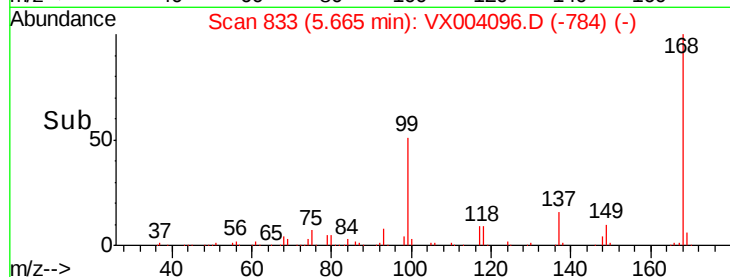
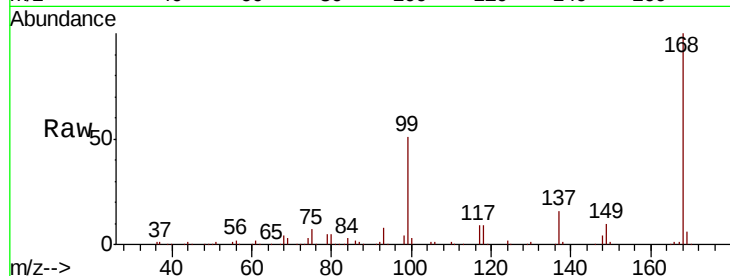
Z5TB01-180814

Tot Ion:168 Resp: 247270

Ion Ratio Lower Upper

168 100

99 51.3 40.1 60.1



#33

1,2-Dichloroethane-d4

Concen: 52.30 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004096.D

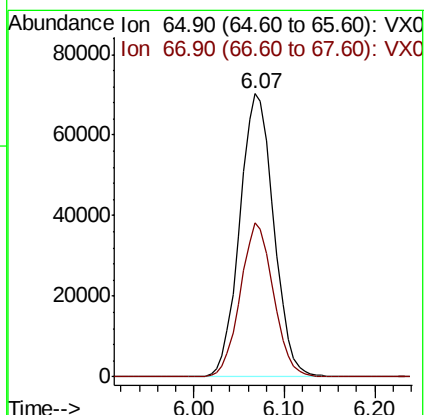
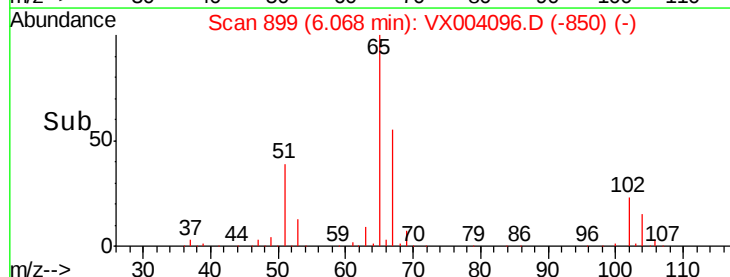
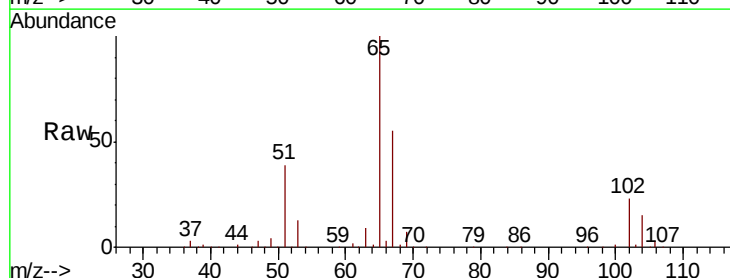
Acq: 16 Aug 2018 02:41

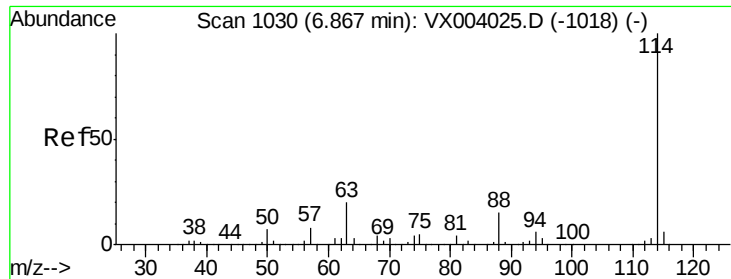
Tgt Ion: 65 Resp: 182207

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.8

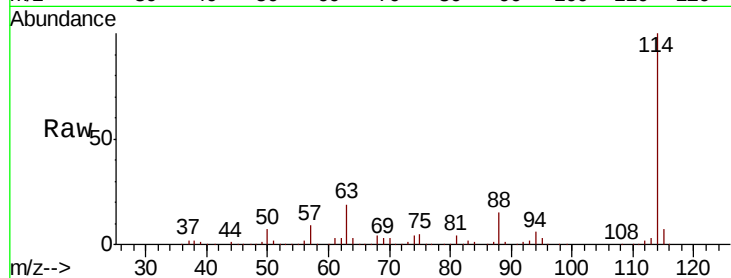




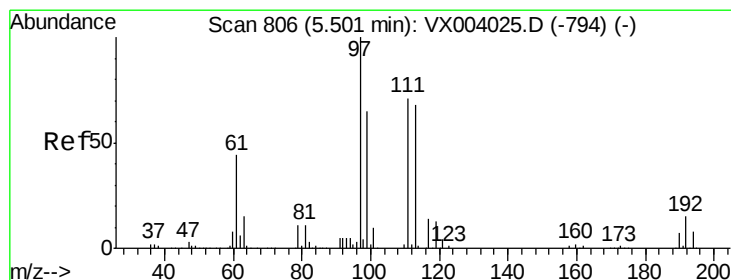
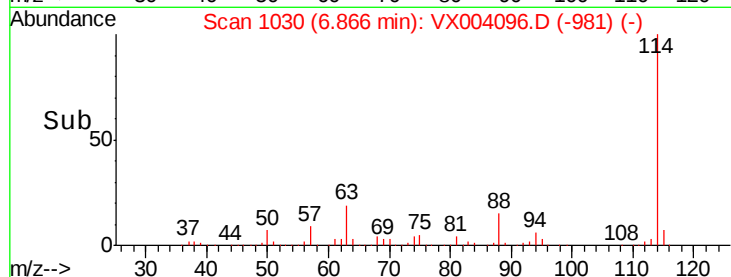
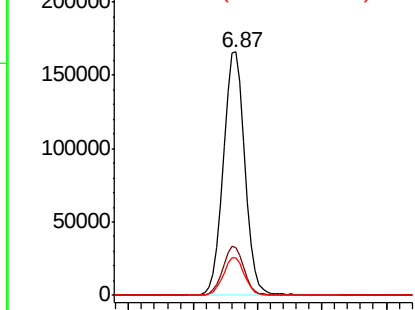
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX004096.D
 Acq: 16 Aug 2018 02:41

Instrument :
 MSVOA_X
 ClientSampleId :
 Z5TB01-180814

Tot Ion:114 Resp: 393567
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.2 0.0 32.0

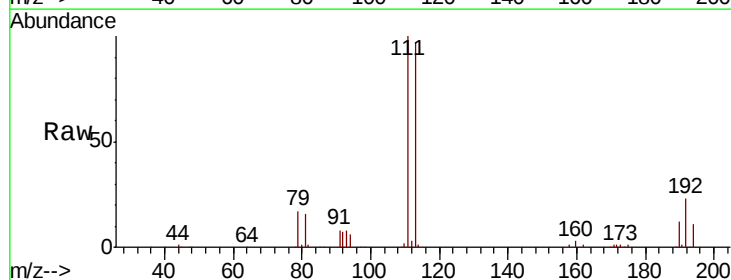


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

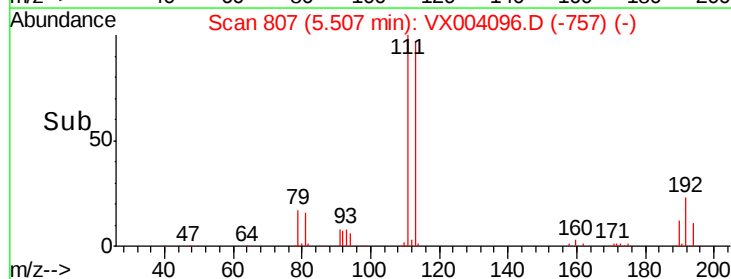
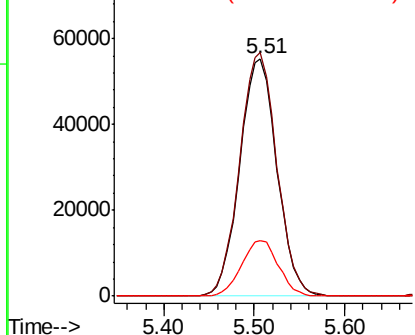


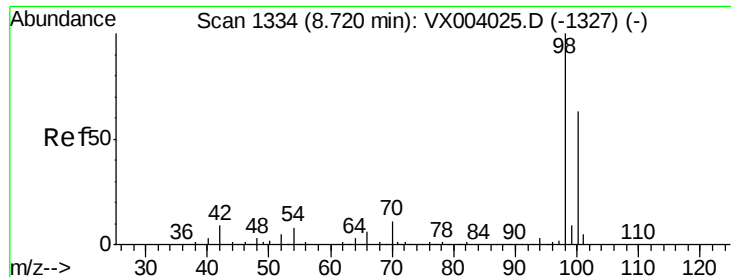
#35
 Dibromofluoromethane
 Concen: 53.37 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004096.D
 Acq: 16 Aug 2018 02:41

Tgt Ion:113 Resp: 157205
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.0 123.0
 192 23.2 19.0 28.4



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: 46.40 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX004096.D

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Instrument :

MSVOA_X

ClientSampleId :

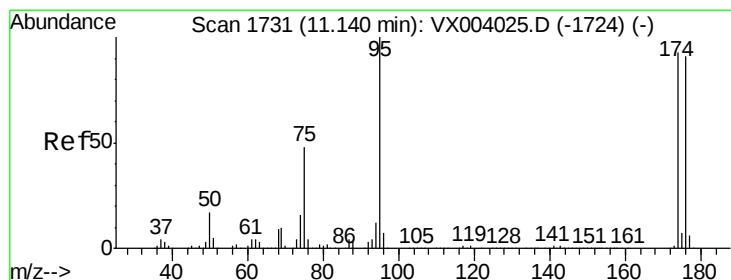
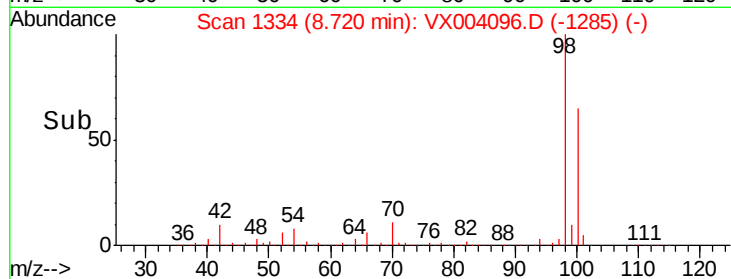
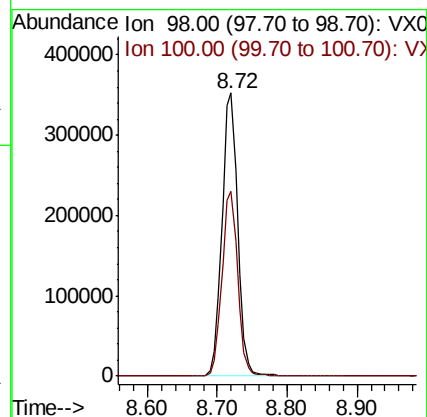
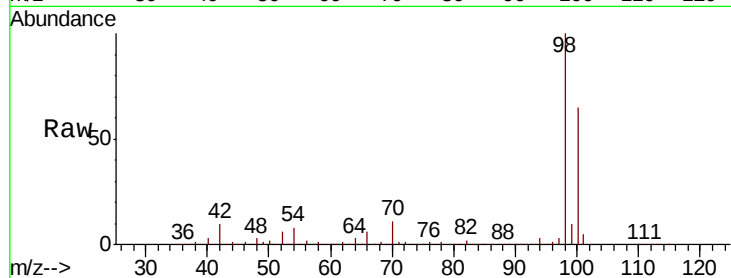
Z5TB01-180814

Tot Ion: 98 Resp: 554186

Ion Ratio Lower Upper

98 100

100 65.1 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 42.62 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004096.D

Acq: 16 Aug 2018 02:41

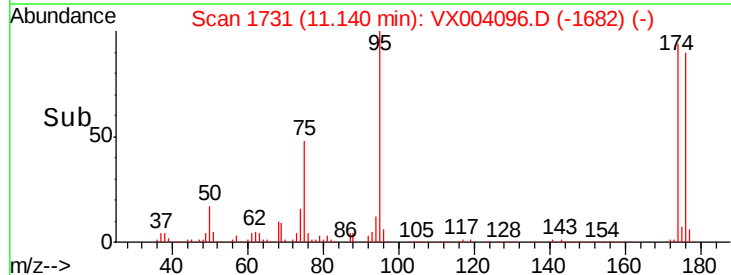
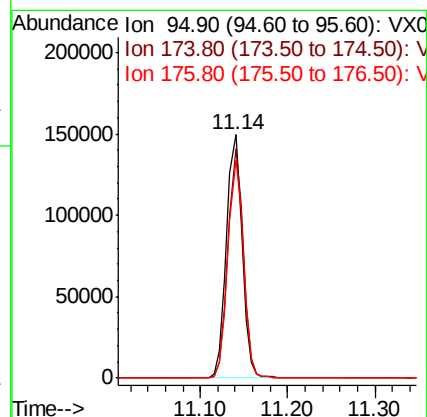
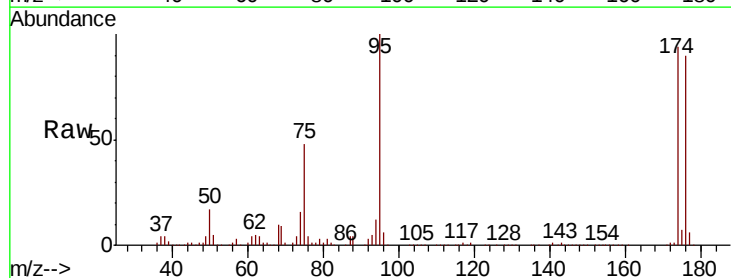
Tgt Ion: 95 Resp: 184594

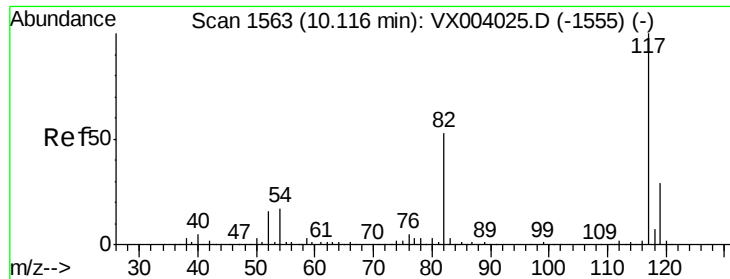
Ion Ratio Lower Upper

95 100

174 93.1 0.0 182.8

176 88.9 0.0 179.0

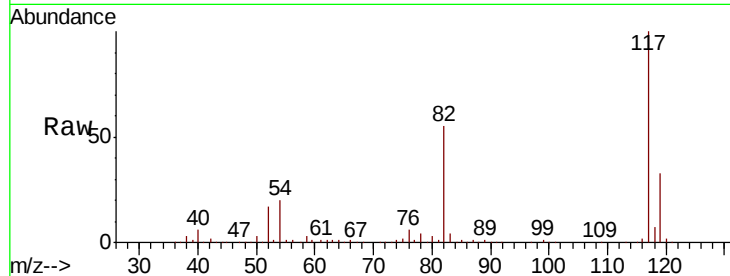




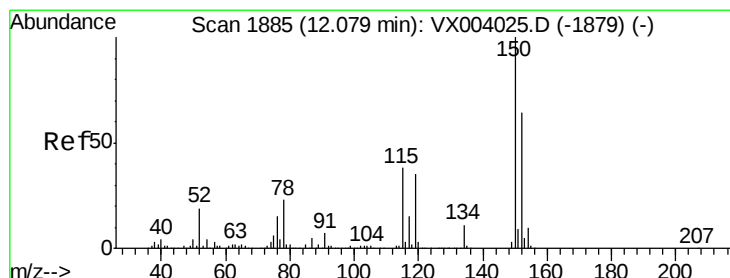
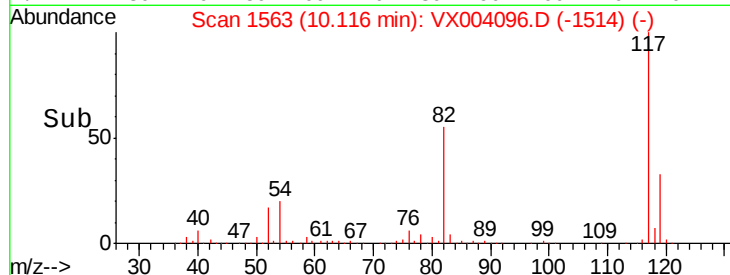
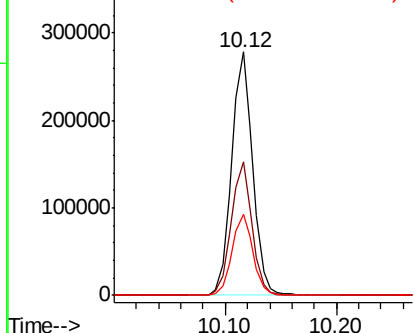
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004096.D
Acq: 16 Aug 2018 02:41

Instrument :
MSVOA_X
ClientSampleId :
Z5TB01-180814

Tot Ion:117 Resp: 362626
Ion Ratio Lower Upper
117 100
82 54.8 45.4 68.0
119 33.3 26.6 40.0

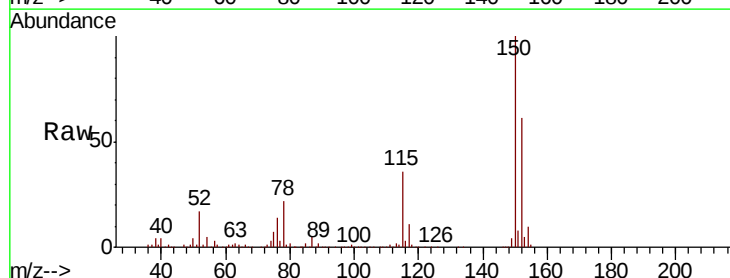


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004096.D
Acq: 16 Aug 2018 02:41

Tgt Ion:152 Resp: 193704
Ion Ratio Lower Upper
152 100
115 55.7 39.1 117.3
150 157.3 0.0 349.2



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

