

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003856.D
 Acq On : 11 Jul 2018 06:22
 Operator : SY/AP
 Sample : J3914-05
 Misc : 3.71G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B3

Quant Time: Jul 11 07:08:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

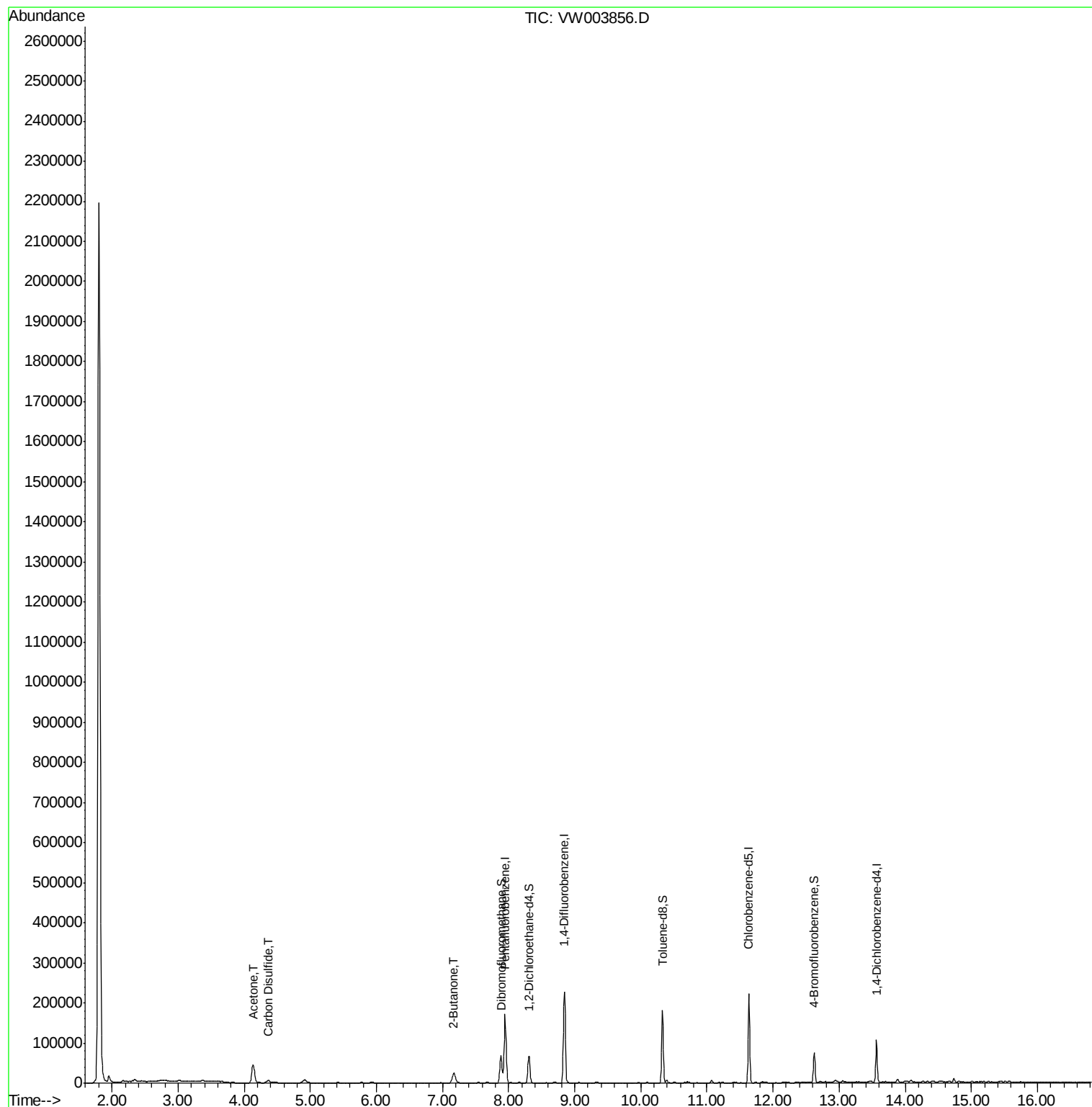
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	121161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	182720	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	116682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	26528	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	52992	33.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.90%	
35) Dibromofluoromethane	7.88	113	47902	37.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.92%	
50) Toluene-d8	10.33	98	119468	24.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	48.84%	
62) 4-Bromofluorobenzene	12.62	95	21885	12.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	24.72%	
Target Compounds						
16) Acetone	4.14	43	86680	315.32	ug/l	98
17) Carbon Disulfide	4.36	76	13787	3.69	ug/l #	94
25) 2-Butanone	7.18	43	24880	57.78	ug/l	96

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW003856.D

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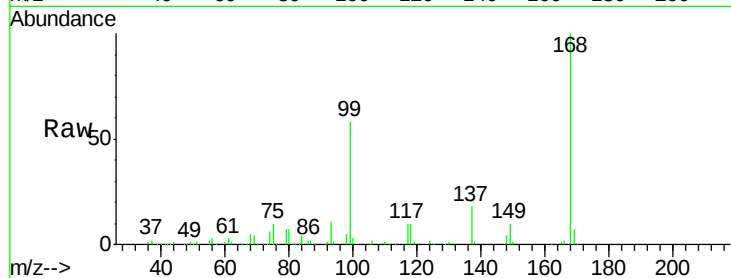
Instrument :
MSVOA_W
ClientSampleId :
B3

Tot Ion:168 Resp: 121161

Ion Ratio Lower Upper

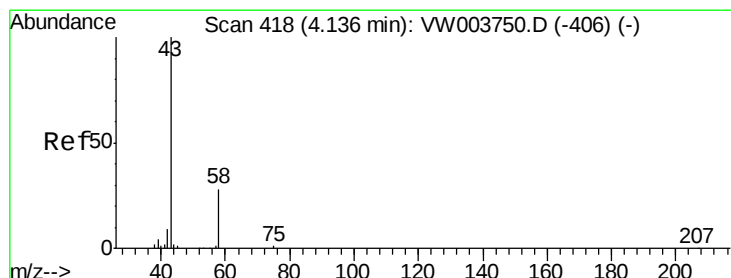
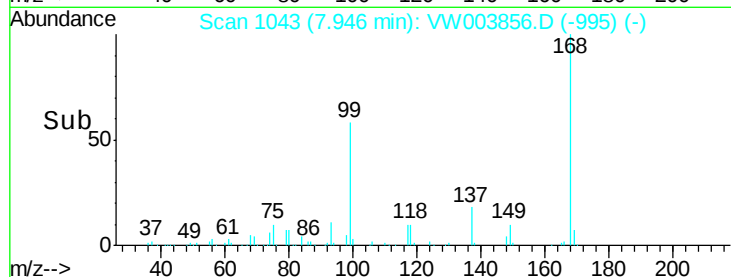
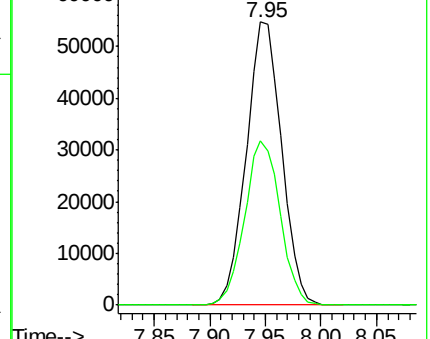
168 100

99 58.3 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 315.32 ug/l

RT: 4.14 min Scan# 418

Delta R.T. -0.00 min

Lab File: VW003856.D

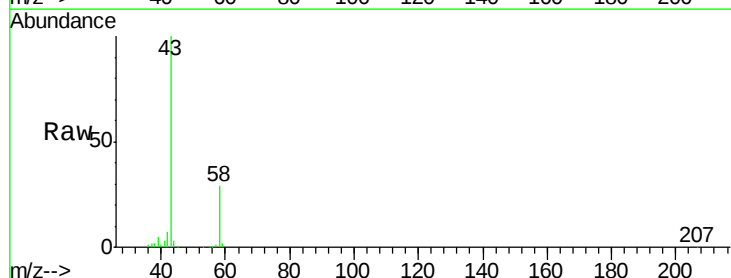
Acq: 11 Jul 2018 06:22

Tgt Ion: 43 Resp: 86680

Ion Ratio Lower Upper

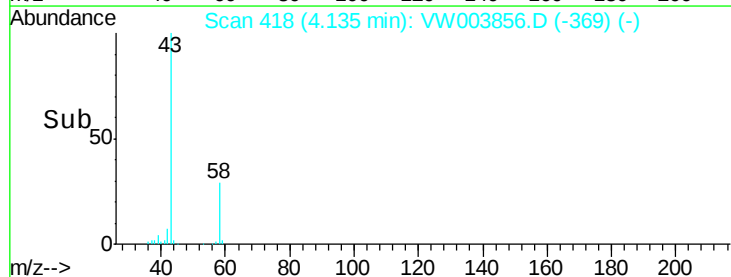
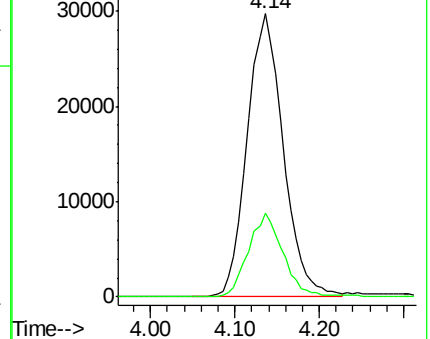
43 100

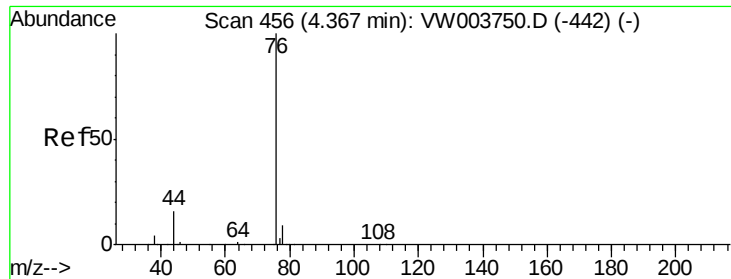
58 29.4 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

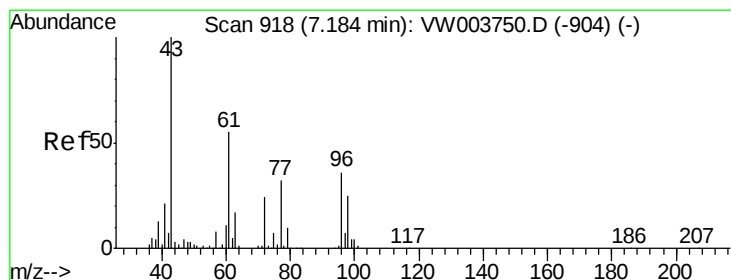
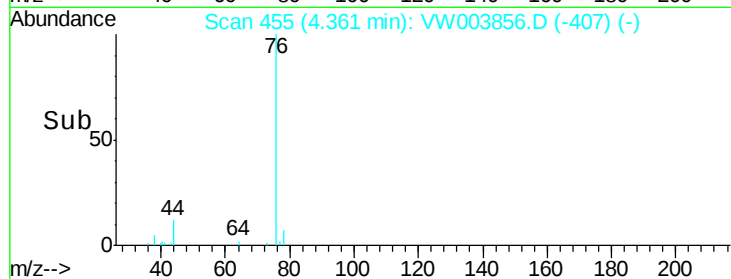
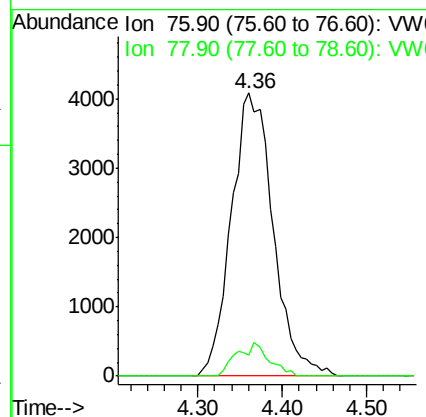
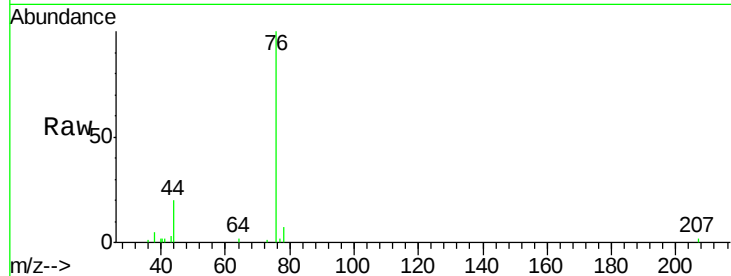




#17
Carbon Disulfide
Concen: 3.69 ug/l
RT: 4.36 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW003856.D
Acq: 11 Jul 2018 06:22

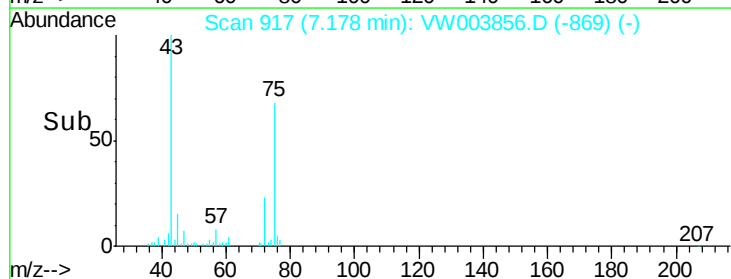
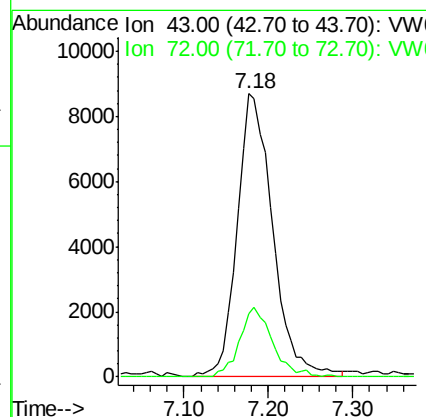
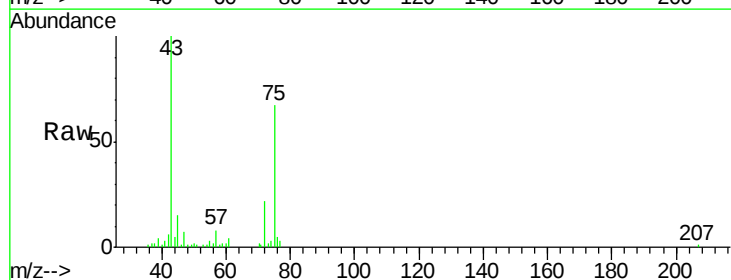
Instrument :
MSVOA_W
ClientSampled :
B3

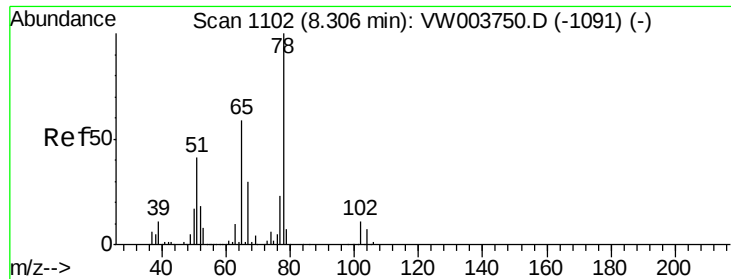
Tot Ion: 76 Resp: 13787
Ion Ratio Lower Upper
76 100
78 7.2 7.4 11.2#



#25
2-Butanone
Concen: 57.78 ug/l
RT: 7.18 min Scan# 917
Delta R.T. -0.01 min
Lab File: VW003856.D
Acq: 11 Jul 2018 06:22

Tgt Ion: 43 Resp: 24880
Ion Ratio Lower Upper
43 100
72 22.4 19.4 29.2

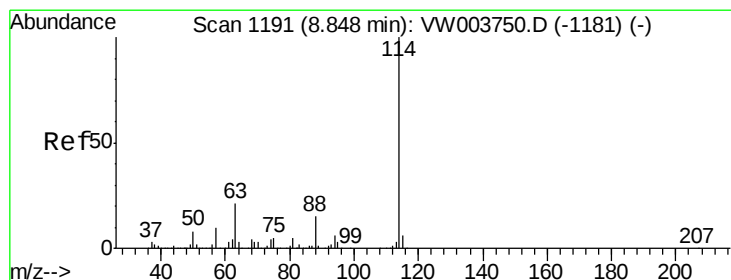
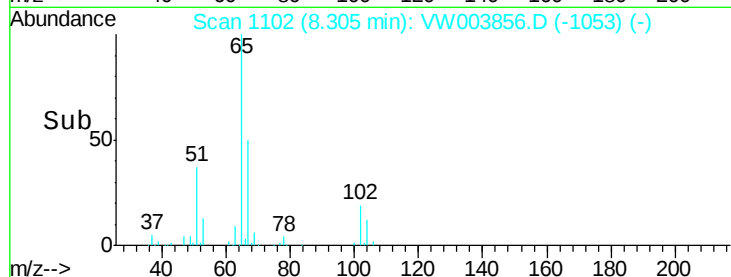
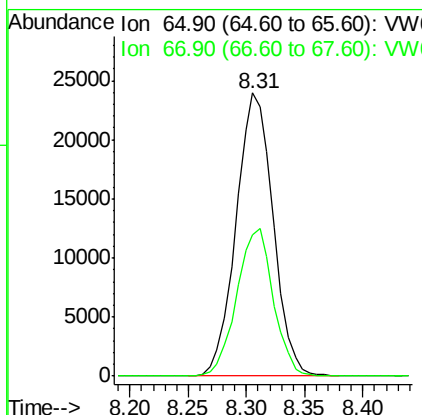
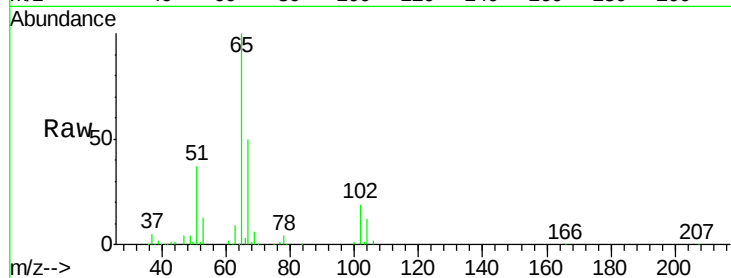




#33
 1,2-Dichloroethane-d4
 Concen: 33.45 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003856.D
 Acq: 11 Jul 2018 06:22

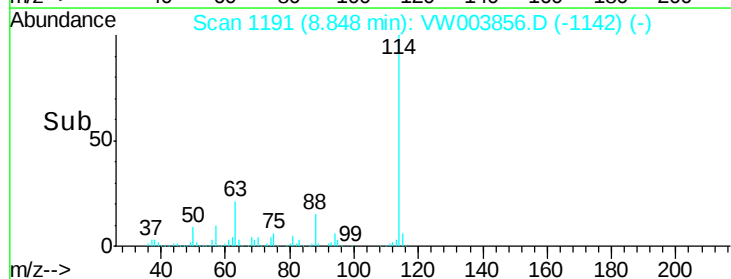
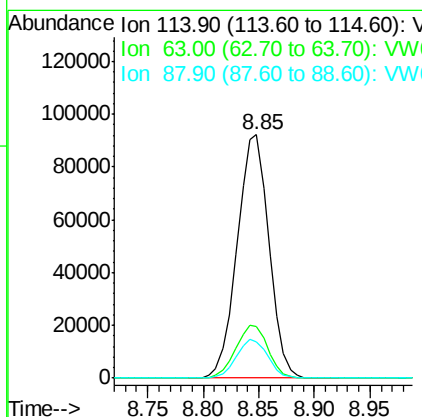
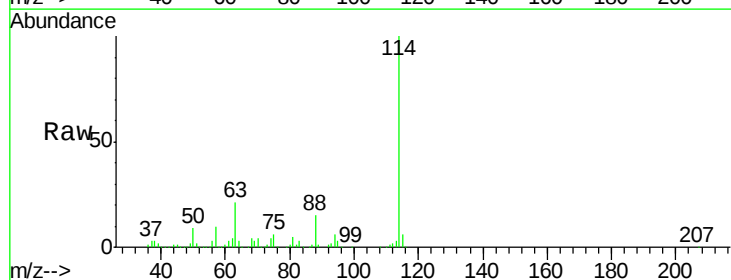
Instrument :
 MSVOA_W
 ClientSampleId :
 B3

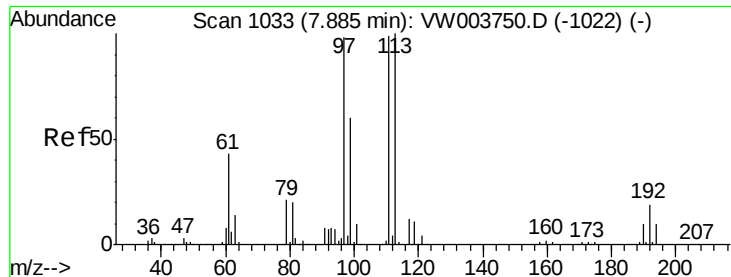
Tot Ion: 65 Resp: 52992
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003856.D
 Acq: 11 Jul 2018 06:22

Tgt Ion: 114 Resp: 182720
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 41.8
 88 15.1 0.0 30.2

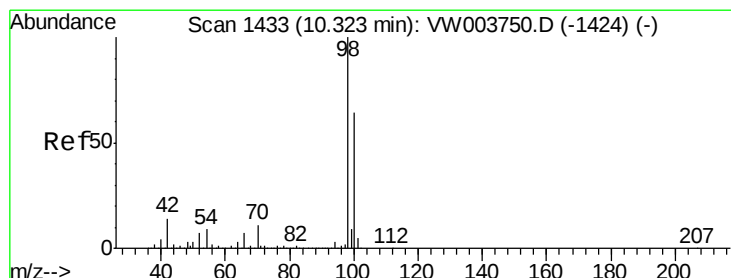
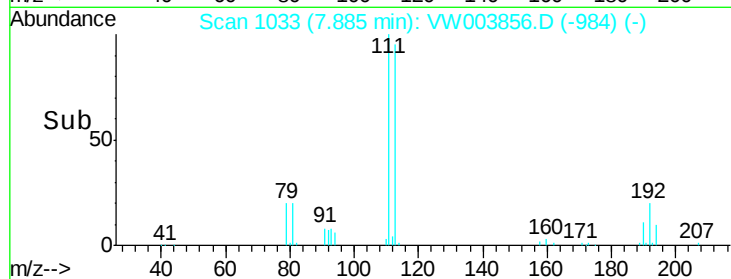
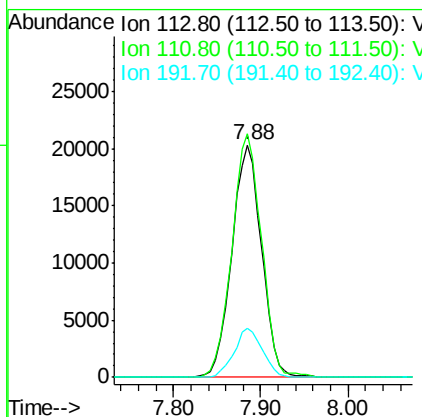
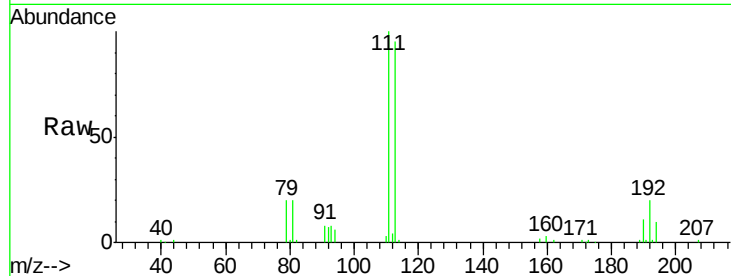




#35
 Dibromofluoromethane
 Concen: 37.46 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003856.D
 Acq: 11 Jul 2018 06:22

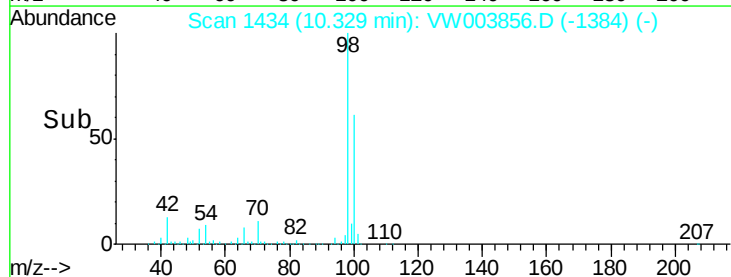
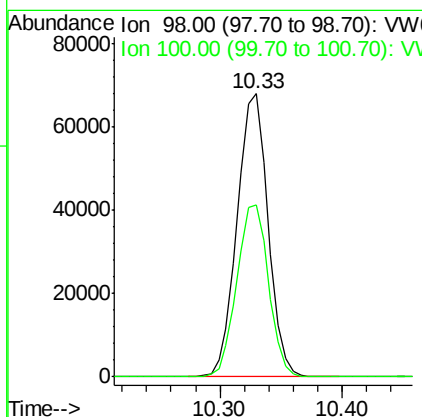
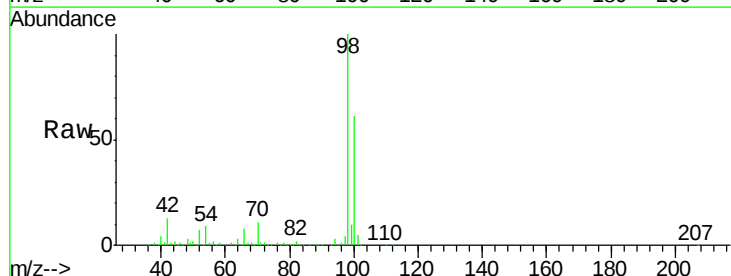
Instrument :
 MSVOA_W
 ClientSampled :
 B3

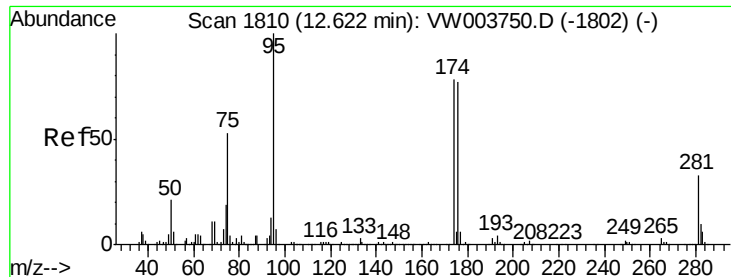
Tot Ion:113 Resp: 47902
 Ion Ratio Lower Upper
 113 100
 111 104.4 81.7 122.5
 192 20.2 15.8 23.8



#50
 Toluene-d8
 Concen: 24.42 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: VW003856.D
 Acq: 11 Jul 2018 06:22

Tgt Ion: 98 Resp: 119468
 Ion Ratio Lower Upper
 98 100
 100 62.0 50.8 76.2





#62

4-Bromofluorobenzene

Concen: 12.36 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003856.D

Acq: 11 Jul 2018 06:22

Instrument :

MSVOA_W

ClientSampleId :

B3

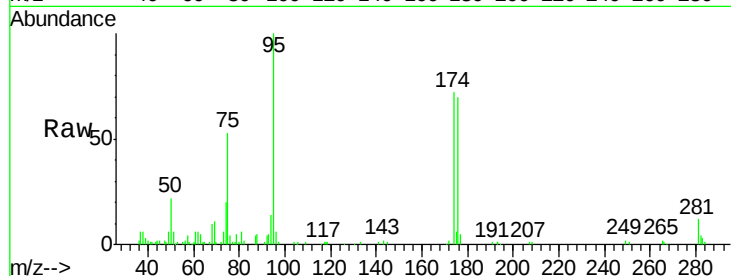
Tot Ion: 95 Resp: 21885

Ion Ratio Lower Upper

95 100

174 79.7 0.0 163.4

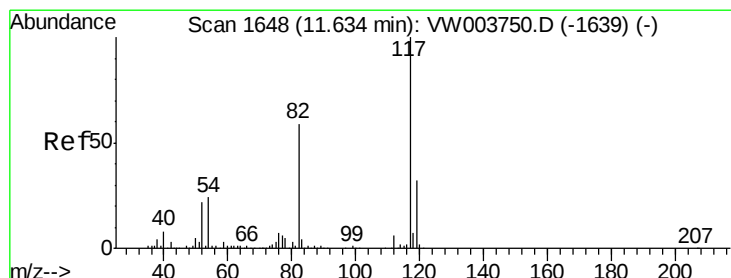
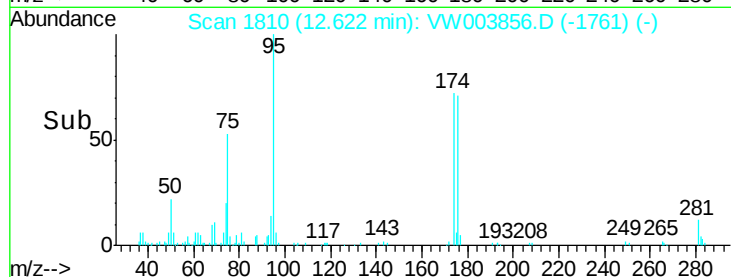
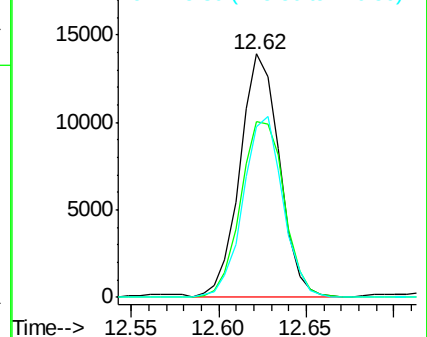
176 74.7 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VW003856.D

Acq: 11 Jul 2018 06:22

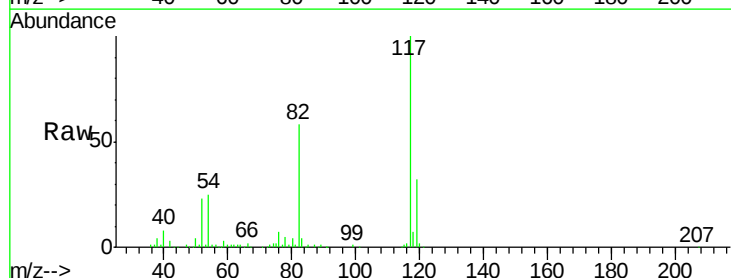
Tgt Ion: 117 Resp: 116682

Ion Ratio Lower Upper

117 100

82 57.9 46.9 70.3

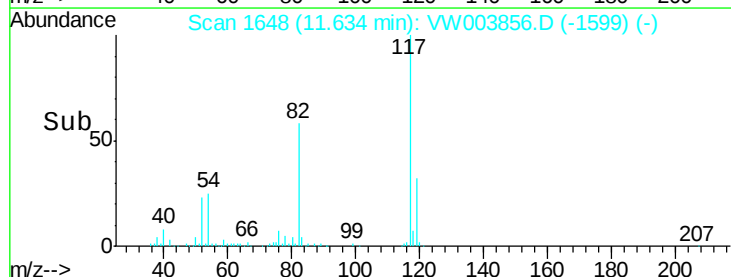
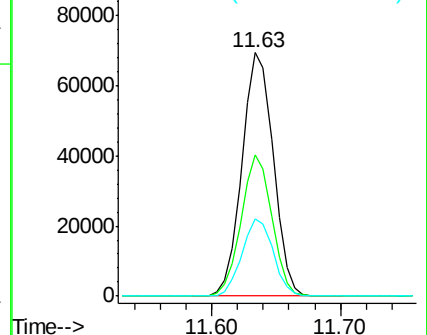
119 31.9 25.5 38.3

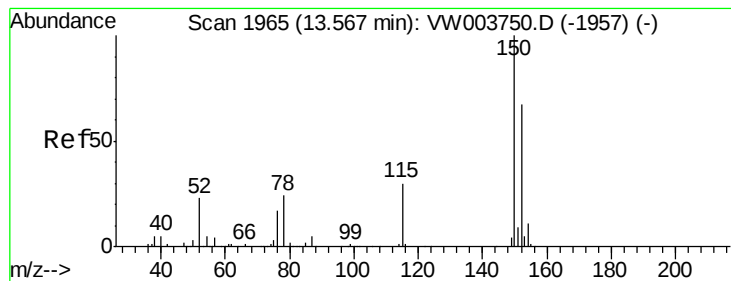


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003856.D

Acq: 11 Jul 2018 06:22

Instrument :

MSVOA_W

ClientSampleId :

B3

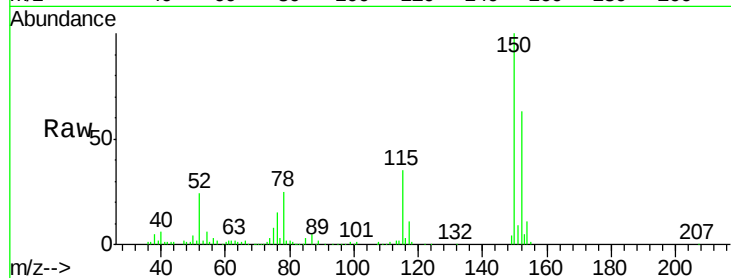
Tot Ion:152 Resp: 26528

Ion Ratio Lower Upper

152 100

115 59.2 28.9 86.8

150 158.2 0.0 342.4



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

