

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122418\
 Data File : VW007856.D
 Acq On : 22 Dec 2018 21:03
 Operator : SY/AP
 Sample : J6389-03
 Misc : 5.72G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS012-1218-01

Quant Time: Dec 24 03:33:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

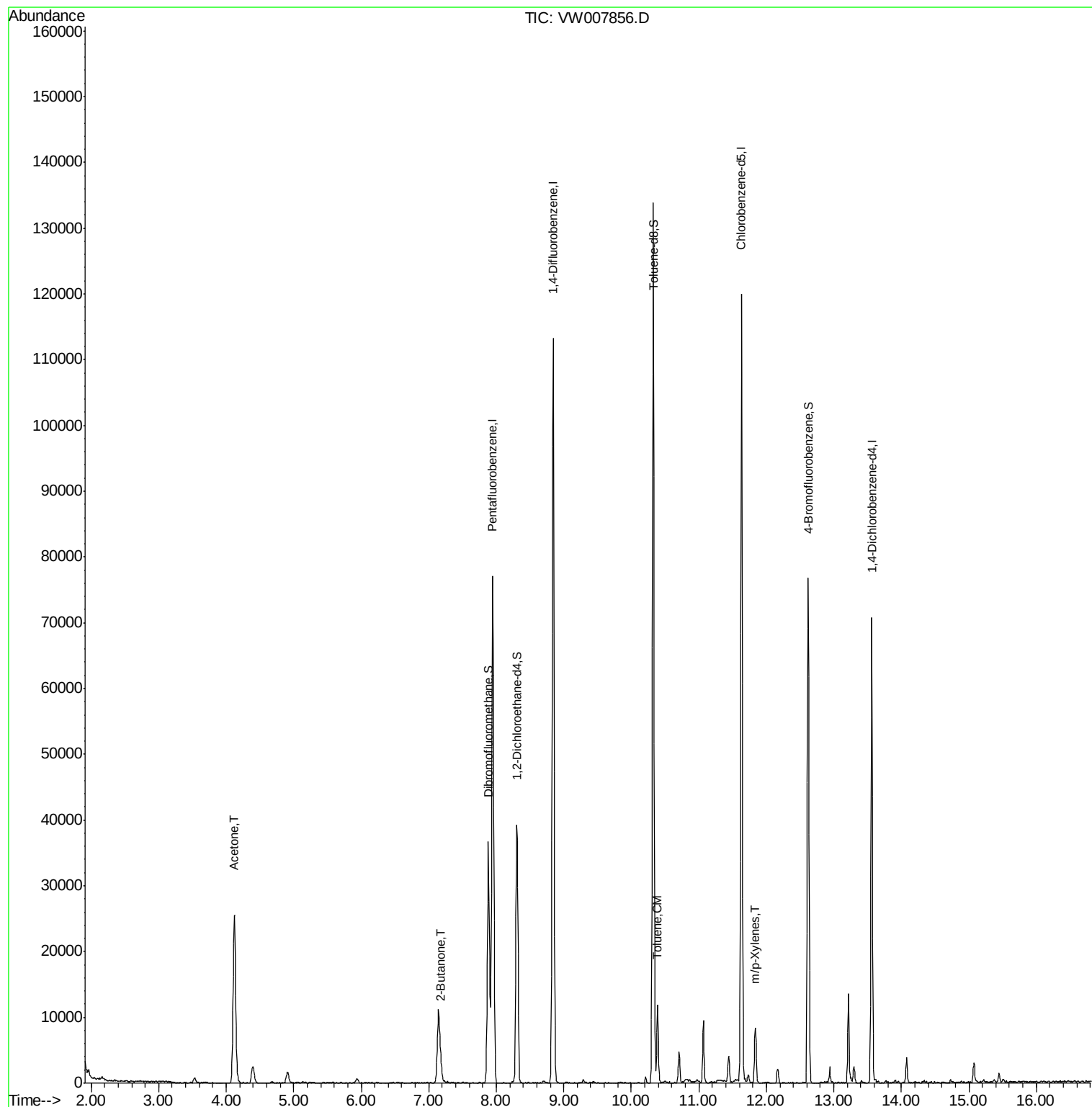
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	55975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	97185	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	66977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	18660	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	32815	53.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.98%	
35) Dibromofluoromethane	7.88	113	27374	46.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.34%	
50) Toluene-d8	10.32	98	90633	40.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.10%	
62) 4-Bromofluorobenzene	12.62	95	24786	28.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.42%	
Target Compounds						
16) Acetone	4.12	43	44181	384.564	ug/l	95
25) 2-Butanone	7.18	43	3698	27.481	ug/l	90
52) Toluene	10.39	92	5389	3.209	ug/l	99
68) m/p-Xylenes	11.83	106	2659	2.755	ug/l	99

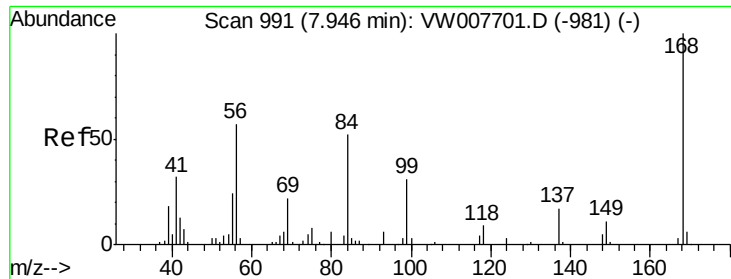
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW007856.D

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ClientSampleId :

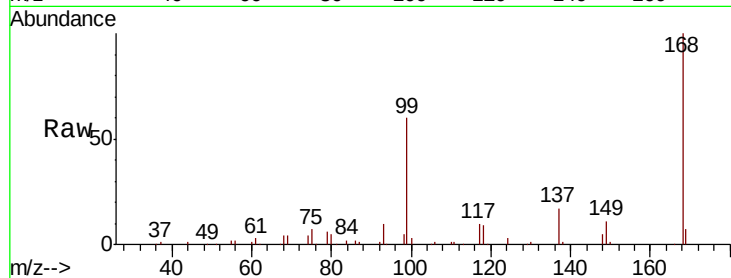
P001-SS012-1218-01

Tgt Ion:168 Resp: 55975

Ion Ratio Lower Upper

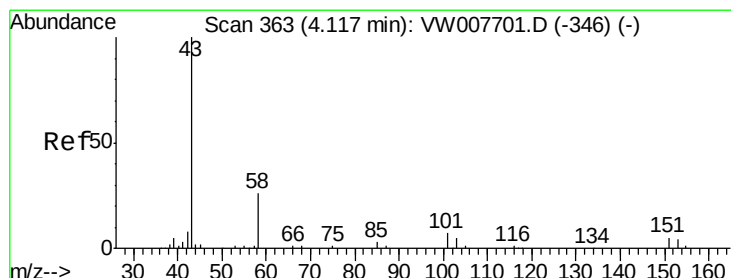
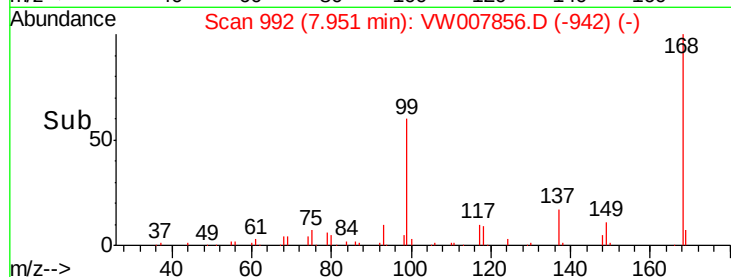
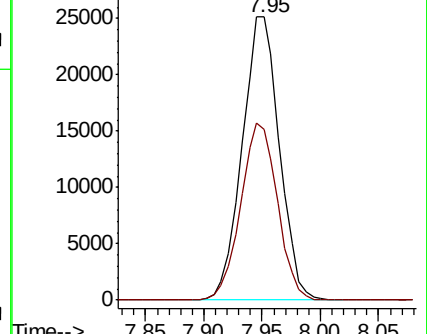
168 100

99 60.3 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 384.564 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007856.D

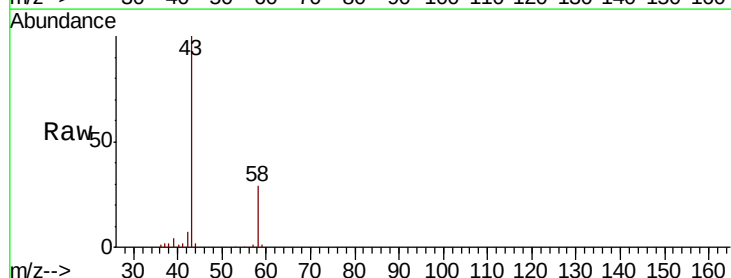
Acq: 22 Dec 2018 21:03

Tgt Ion: 43 Resp: 44181

Ion Ratio Lower Upper

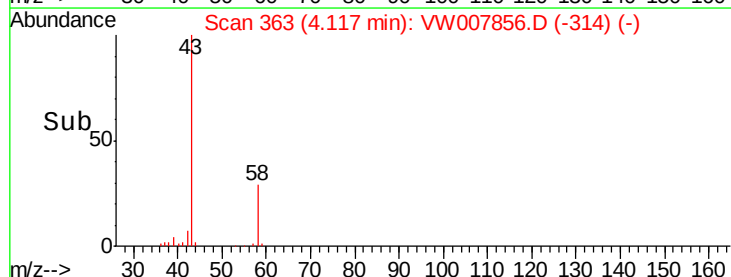
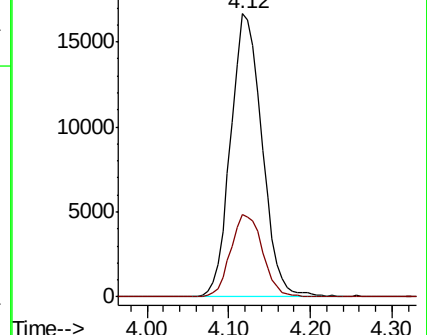
43 100

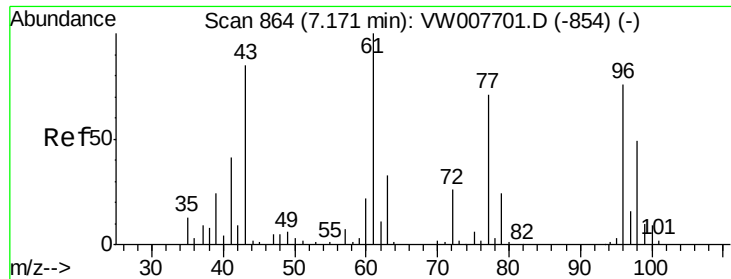
58 29.0 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

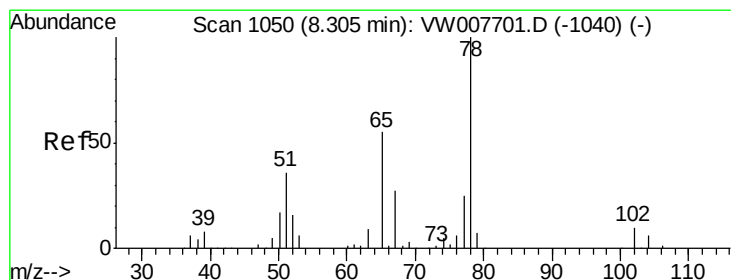
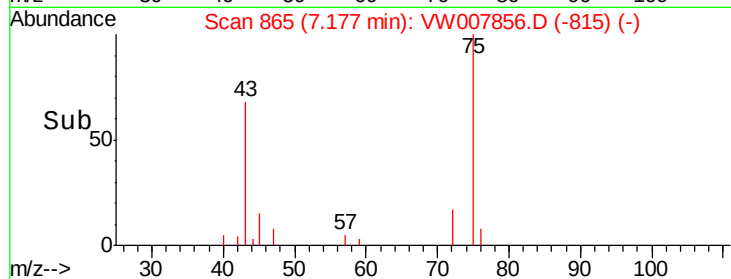
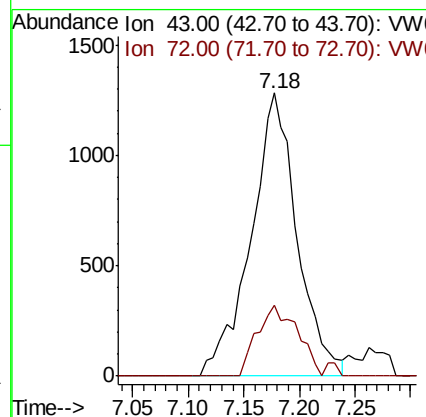
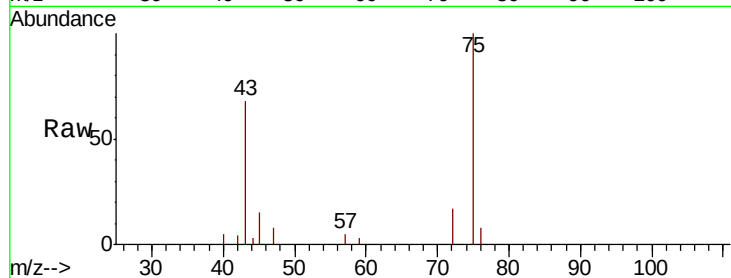




#25
 2-Butanone
 Concen: 27.481 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VW007856.D
 Acq: 22 Dec 2018 21:03

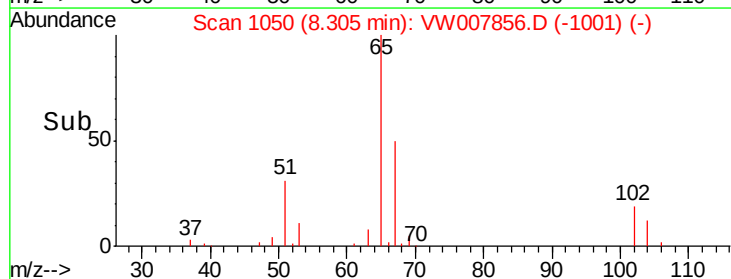
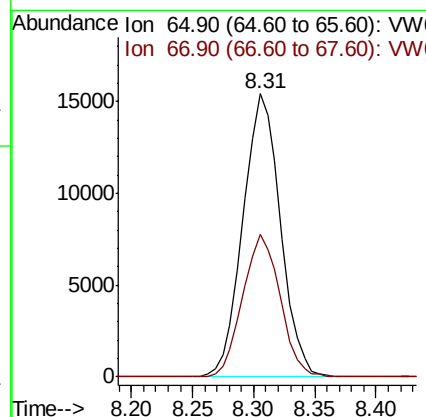
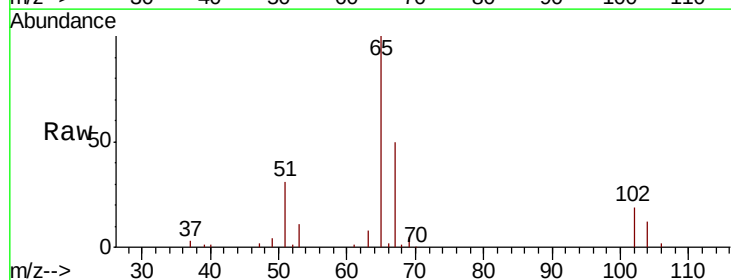
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS012-1218-01

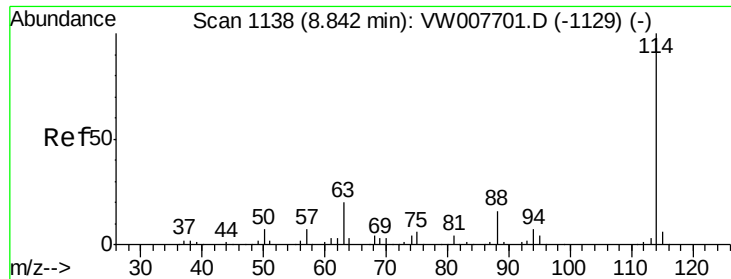
Tgt Ion: 43 Resp: 3698
 Ion Ratio Lower Upper
 43 100
 72 25.1 24.5 36.7



#33
 1,2-Dichloroethane-d4
 Concen: 53.487 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007856.D
 Acq: 22 Dec 2018 21:03

Tgt Ion: 65 Resp: 32815
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 100.6

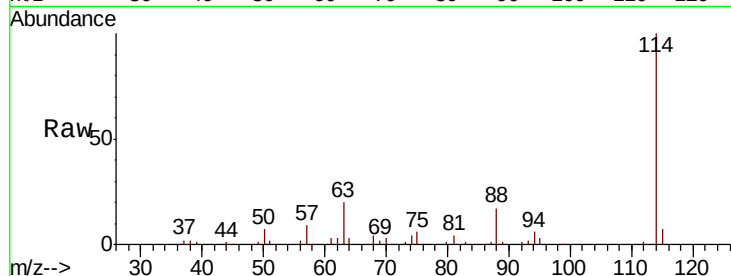




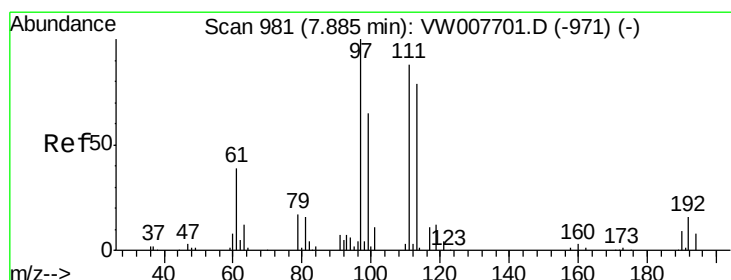
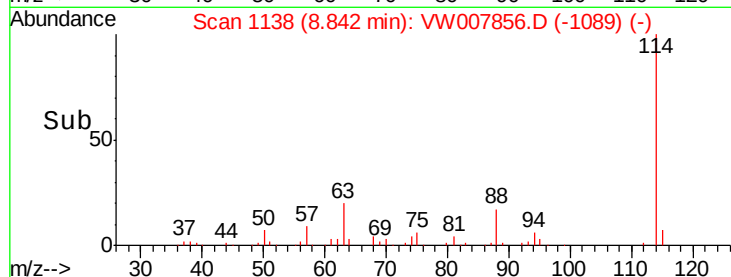
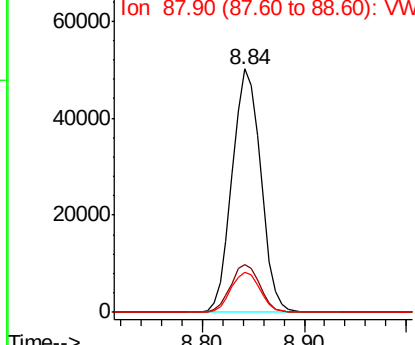
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW007856.D
Acq: 22 Dec 2018 21:03

Instrument :
MSVOA_W
ClientSampleId :
P001-SS012-1218-01

Tgt Ion:114 Resp: 97185
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.0
88 16.7 0.0 32.6

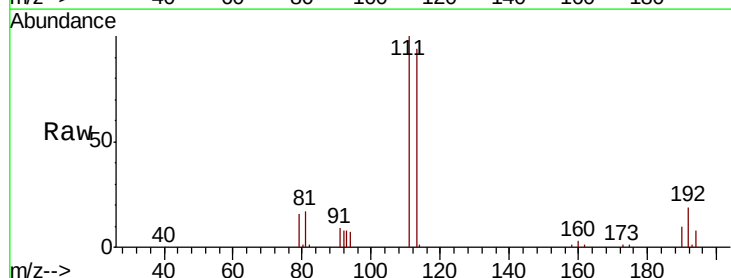


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

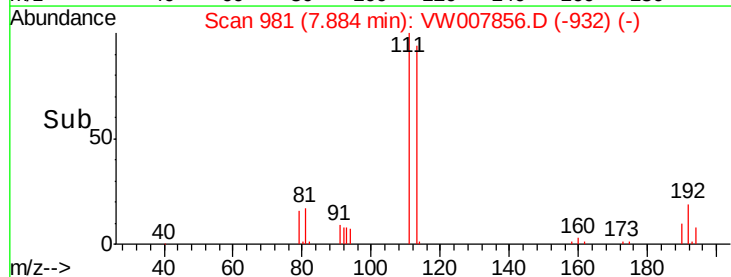
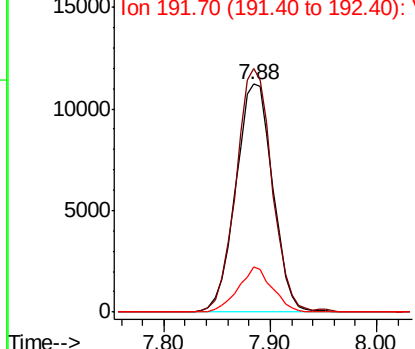


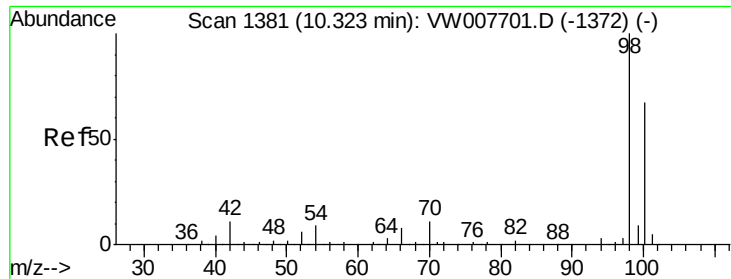
#35
Dibromofluoromethane
Concen: 46.171 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW007856.D
Acq: 22 Dec 2018 21:03

Tgt Ion:113 Resp: 27374
Ion Ratio Lower Upper
113 100
111 104.0 82.6 124.0
192 18.1 15.5 23.3



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: 40.550 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007856.D

Acq: 22 Dec 2018 21:03

Instrument :

MSVOA_W

ClientSampleId :

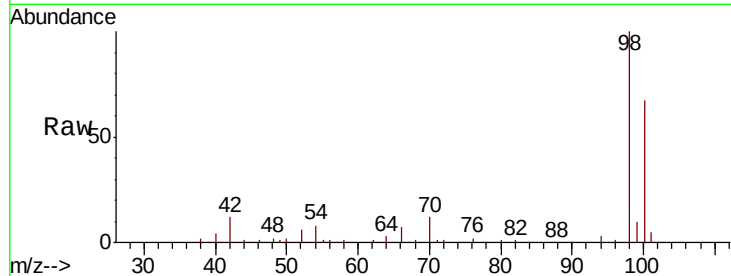
P001-SS012-1218-01

Tgt Ion: 98 Resp: 90633

Ion Ratio Lower Upper

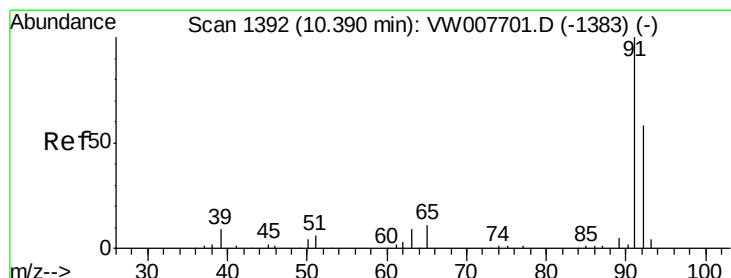
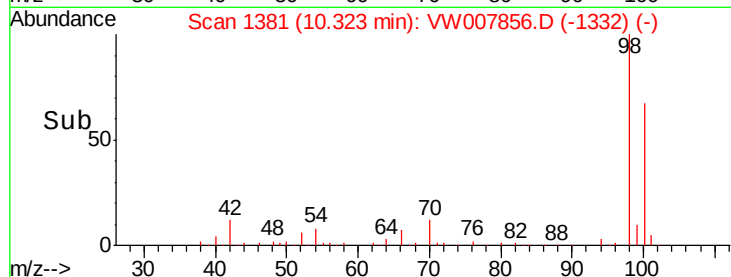
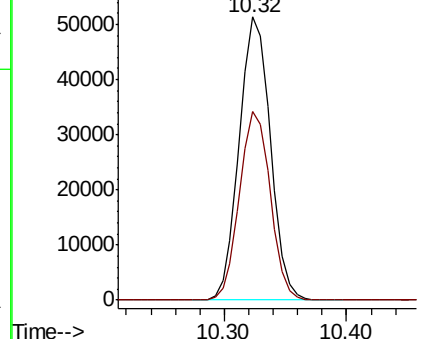
98 100

100 65.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#52

Toluene

Concen: 3.209 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007856.D

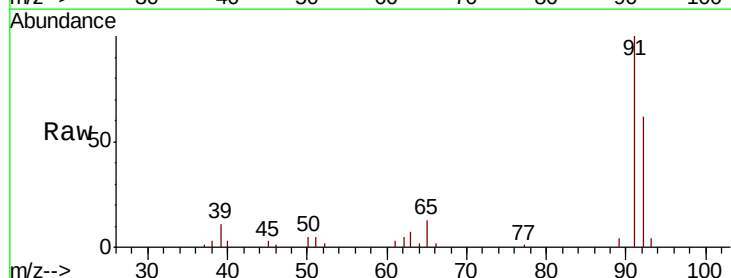
Acq: 22 Dec 2018 21:03

Tgt Ion: 92 Resp: 5389

Ion Ratio Lower Upper

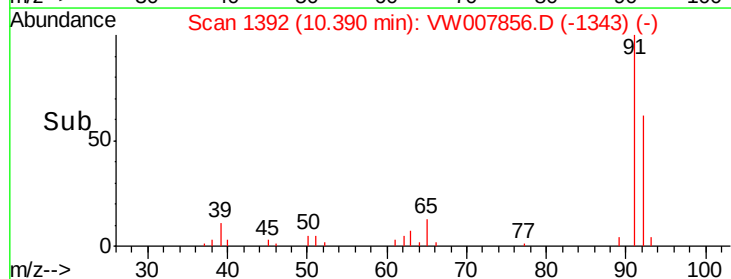
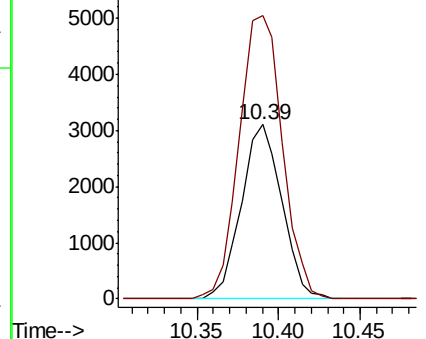
92 100

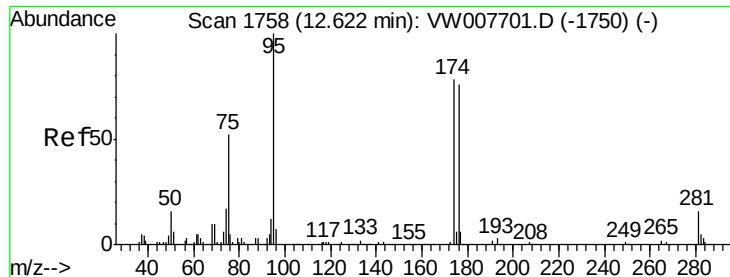
91 173.2 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#62

4-Bromofluorobenzene

Concen: 28.706 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007856.D

Acq: 22 Dec 2018 21:03

Instrument :

MSVOA_W

ClientSampleId :

P001-SS012-1218-01

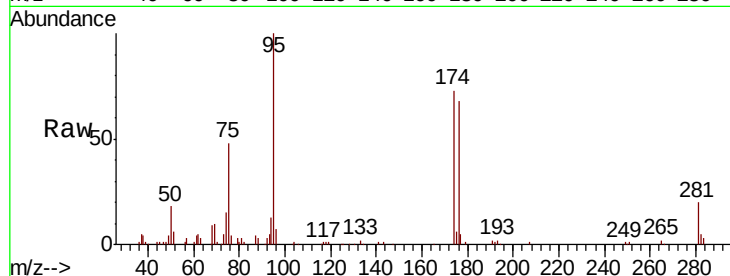
Tgt Ion: 95 Resp: 24786

Ion Ratio Lower Upper

95 100

174 72.8 0.0 152.2

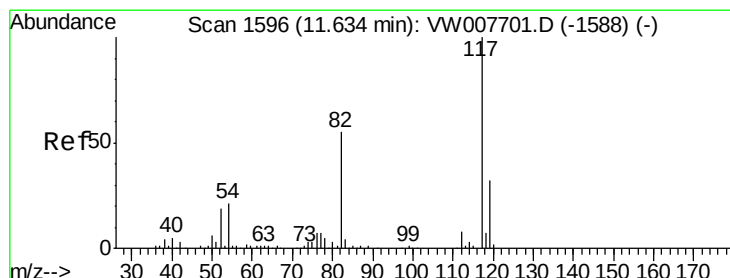
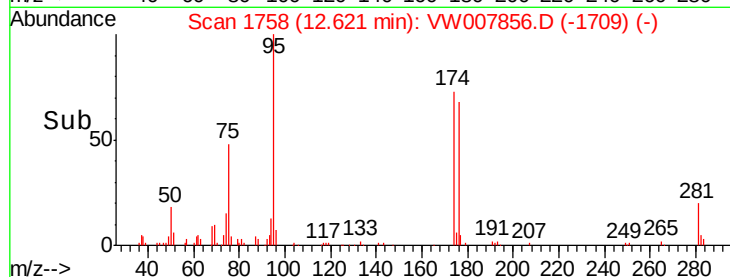
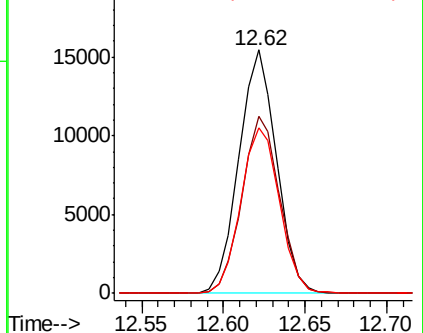
176 70.0 0.0 146.8



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: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW007856.D

Acq: 22 Dec 2018 21:03

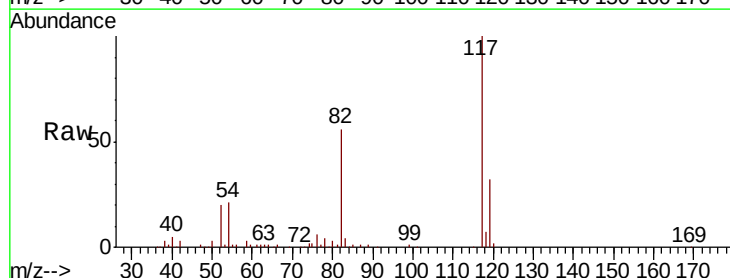
Tgt Ion: 117 Resp: 66977

Ion Ratio Lower Upper

117 100

82 55.9 44.3 66.5

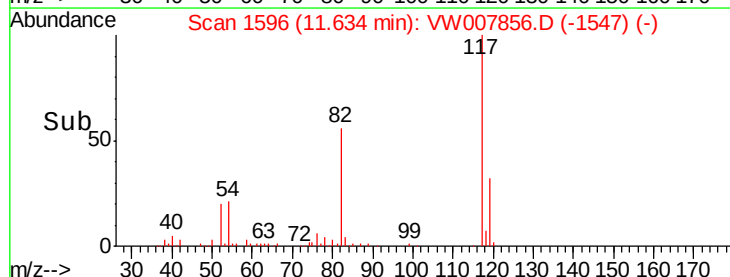
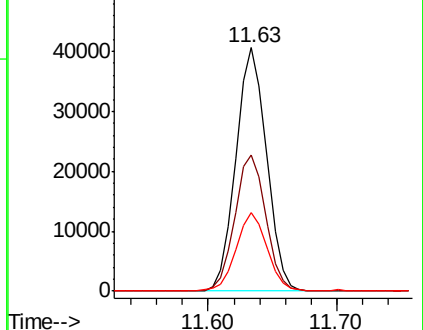
119 32.0 25.7 38.5

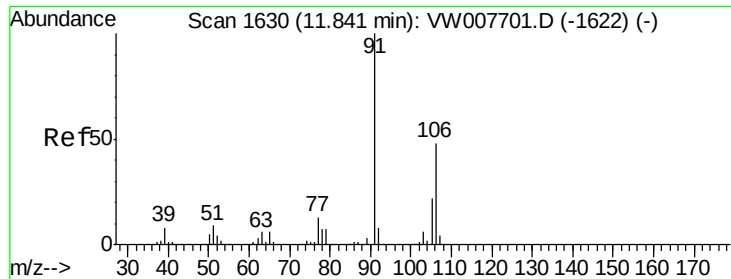


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

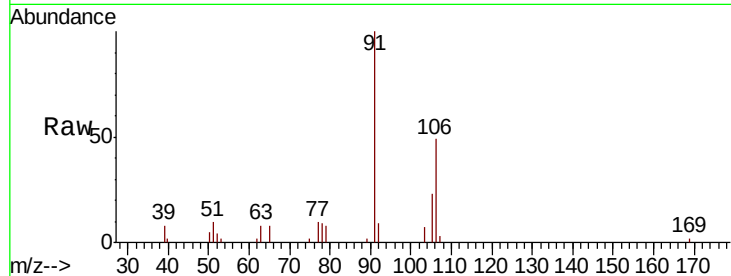




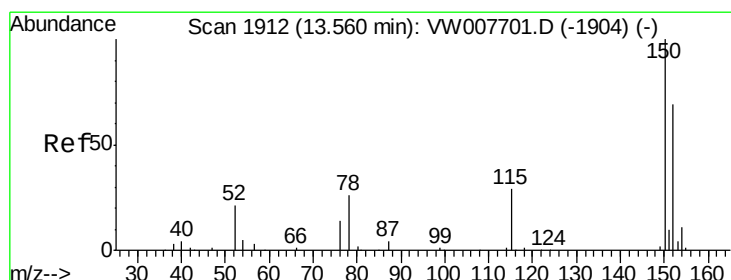
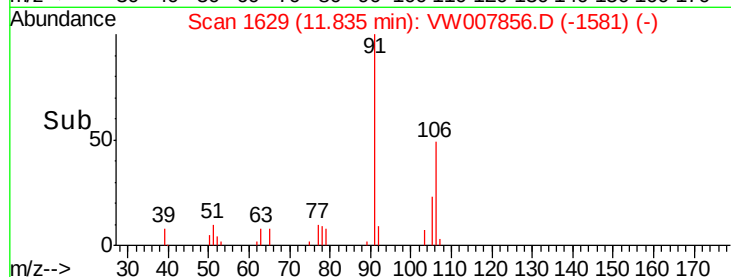
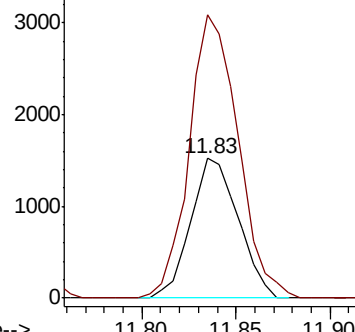
#68
m/p-Xylenes
Concen: 2.755 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007856.D
Acq: 22 Dec 2018 21:03

Instrument :
MSVOA_W
ClientSampleId :
P001-SS012-1218-01

Tgt Ion:106 Resp: 2659
Ion Ratio Lower Upper
106 100
91 208.6 165.2 247.8

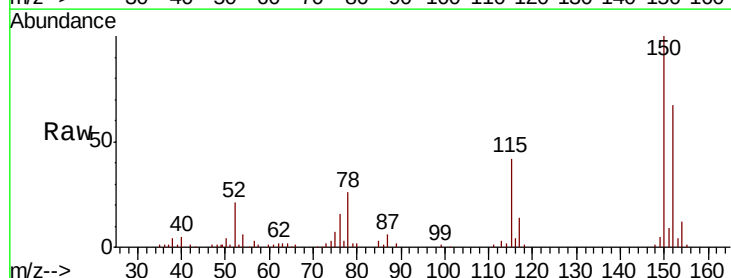


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007856.D
Acq: 22 Dec 2018 21:03

Tgt Ion:152 Resp: 18660
Ion Ratio Lower Upper
152 100
115 63.5 31.8 95.4
150 155.7 0.0 350.8



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

