

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW122418\
 Data File : VW007855.D
 Acq On : 22 Dec 2018 20:37
 Operator : SY/AP
 Sample : J6389-01RE
 Misc : 6.11G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS012-0006-01RE

Quant Time: Mar 01 04:38:53 2019
 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

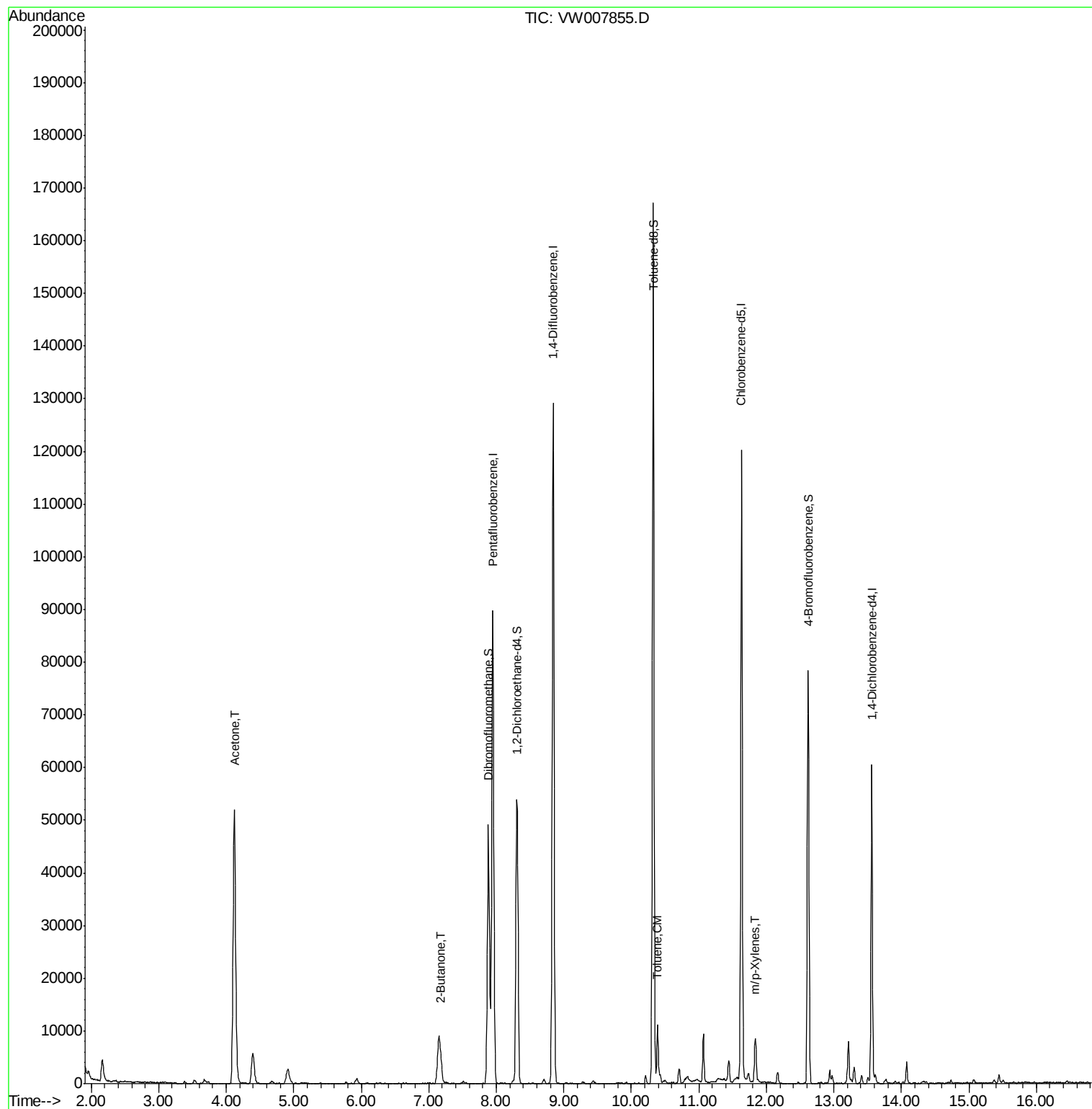
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	65387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	111053	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	68673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	15875	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	45398	63.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.70%	
35) Dibromofluoromethane	7.88	113	36426	53.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.54%	
50) Toluene-d8	10.32	98	111529	43.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.34%	
62) 4-Bromofluorobenzene	12.62	95	25437	25.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	51.56%	
Target Compounds						
16) Acetone	4.12	43	90691	675.772	ug/l	95
25) 2-Butanone	7.18	43	6556	41.707	ug/l #	88
52) Toluene	10.39	92	5005	2.608	ug/l	96
68) m/p-Xylenes	11.83	106	2716	2.745	ug/l	98

(#) = 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: VW007855.D

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MSVOA_W

ClientSampleId :

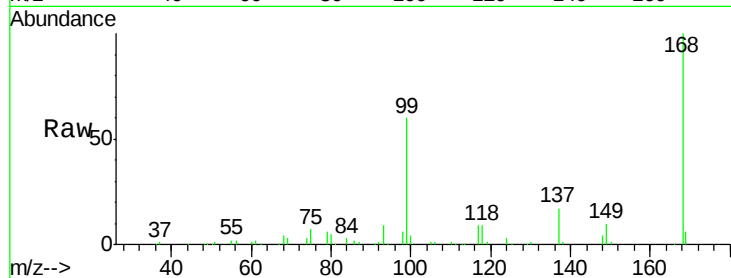
P001-SS012-0006-01RE

Tot Ion:168 Resp: 65387

Ion Ratio Lower Upper

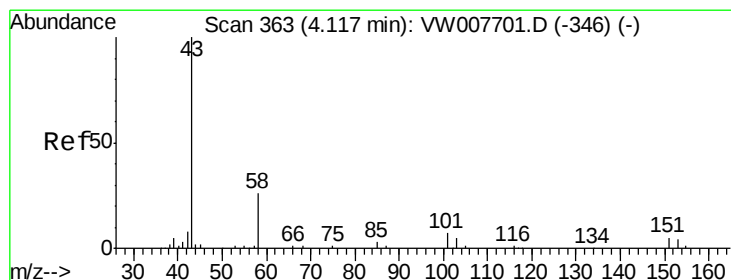
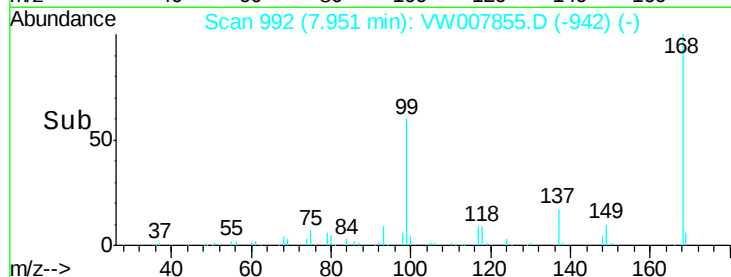
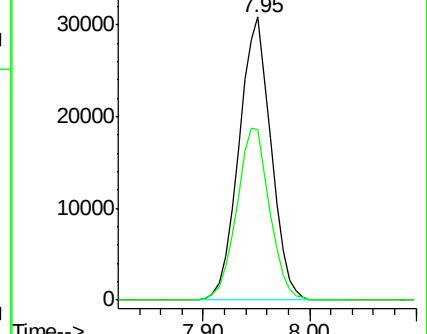
168 100

99 60.2 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: 675.772 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007855.D

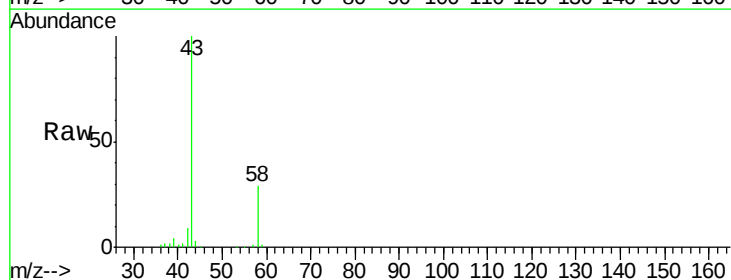
Acq: 22 Dec 2018 20:37

Tgt Ion: 43 Resp: 90691

Ion Ratio Lower Upper

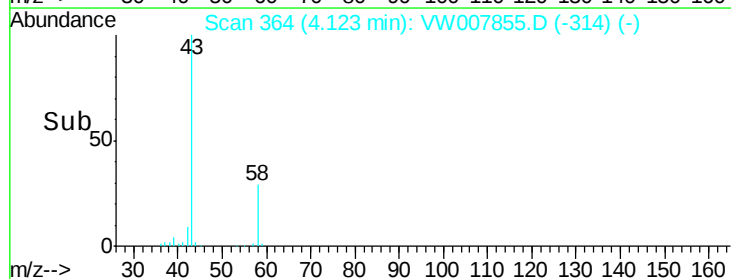
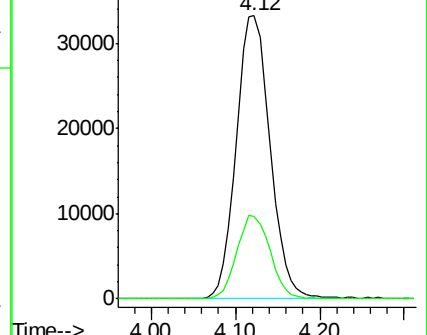
43 100

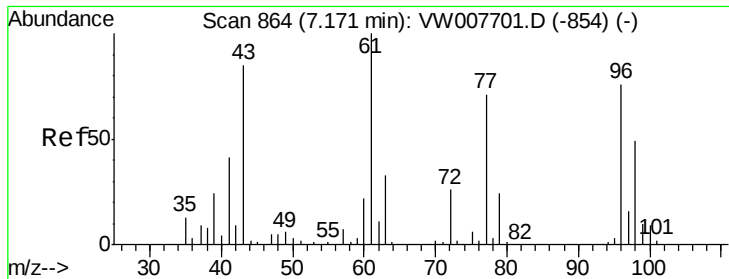
58 29.0 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#25

2-Butanone

Concen: 41.707 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW007855.D

Acq: 22 Dec 2018 20:37

Instrument :

MSVOA_W

ClientSampleId :

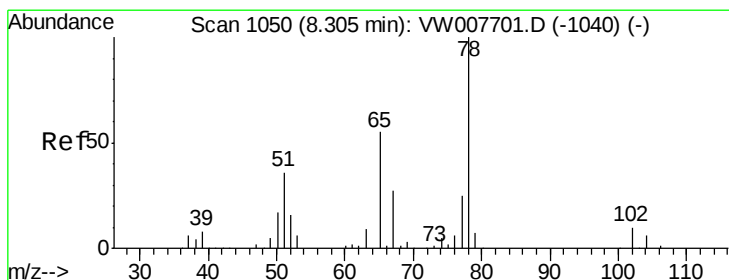
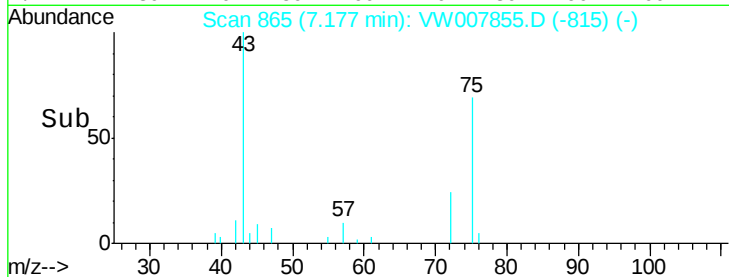
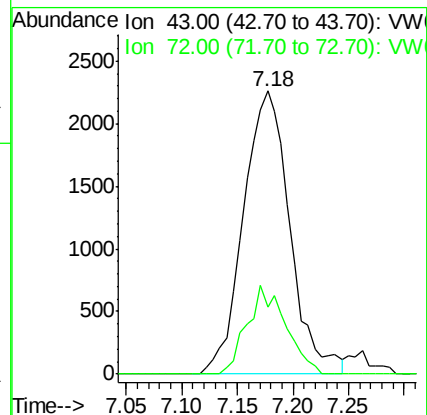
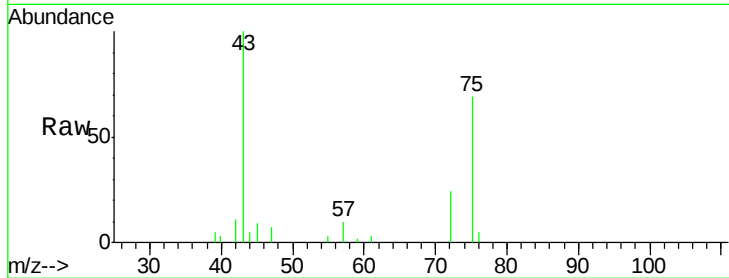
P001-SS012-0006-01RE

Tot Ion: 43 Resp: 6556

Ion Ratio Lower Upper

43 100

72 23.9 24.5 36.7#



#33

1,2-Dichloroethane-d4

Concen: 63.346 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VW007855.D

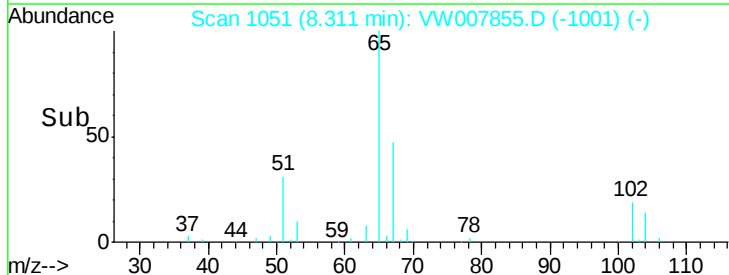
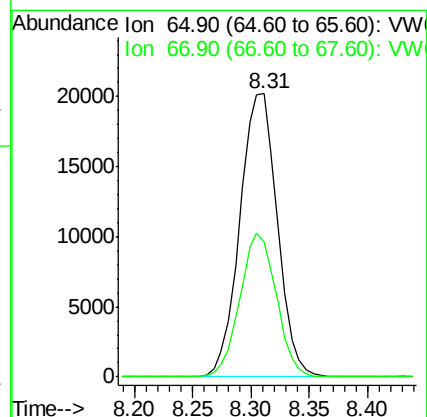
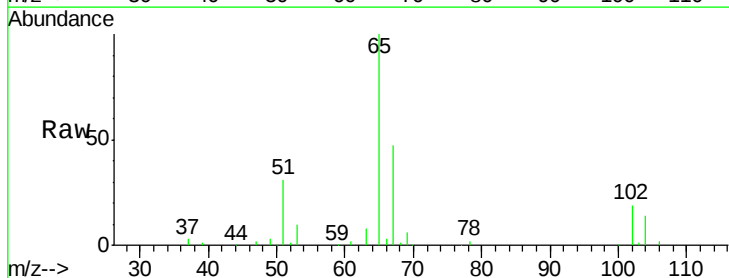
Acq: 22 Dec 2018 20:37

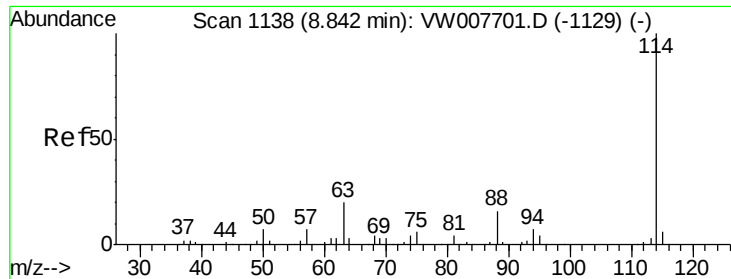
Tgt Ion: 65 Resp: 45398

Ion Ratio Lower Upper

65 100

67 49.3 0.0 100.6

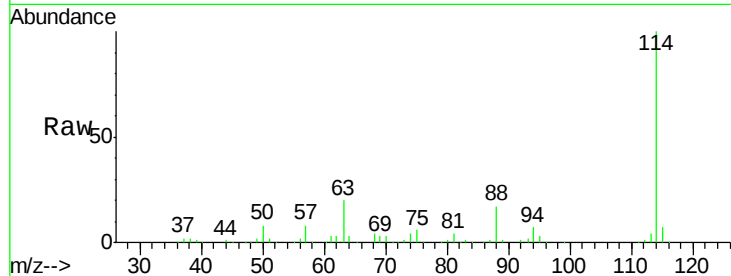




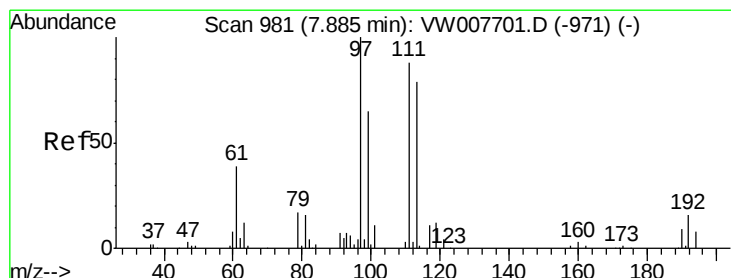
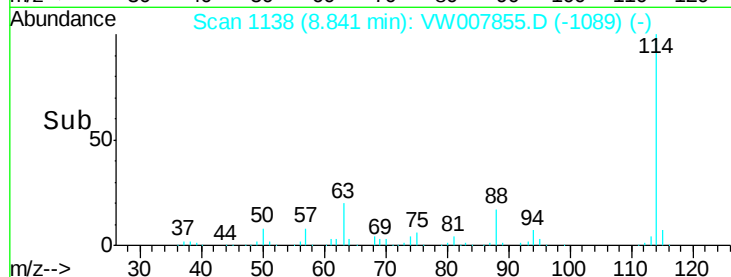
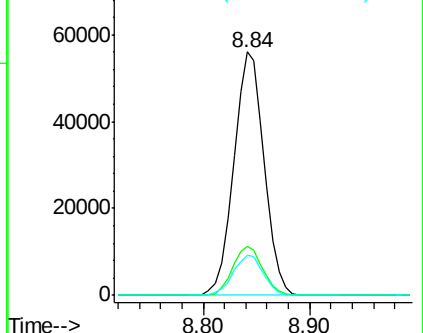
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007855.D
 Acq: 22 Dec 2018 20:37

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS012-0006-01RE

Tot Ion:114 Resp: 111053
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.0
 88 16.7 0.0 32.6

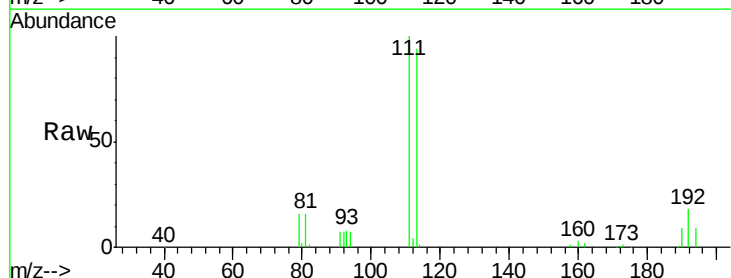


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

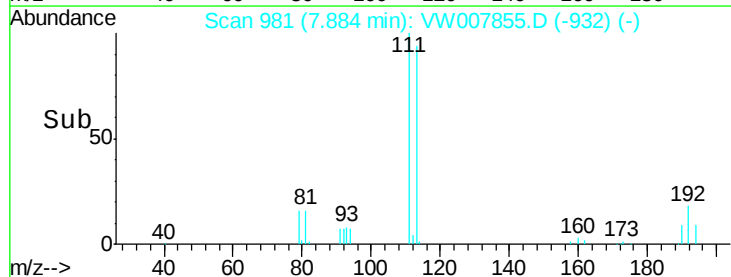
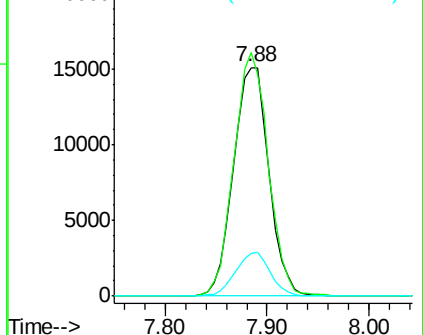


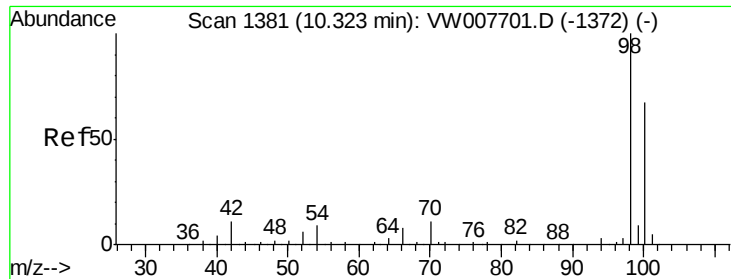
#35
 Dibromofluoromethane
 Concen: 53.767 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007855.D
 Acq: 22 Dec 2018 20:37

Tgt Ion:113 Resp: 36426
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.6 124.0
 192 18.7 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: 43.668 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007855.D

Acq: 22 Dec 2018 20:37

Instrument :

MSVOA_W

ClientSampleId :

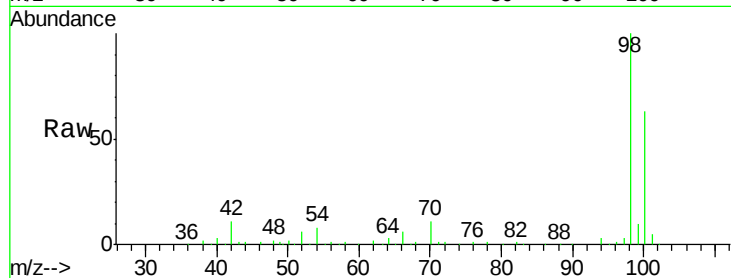
P001-SS012-0006-01RE

Tot Ion: 98 Resp: 111529

Ion Ratio Lower Upper

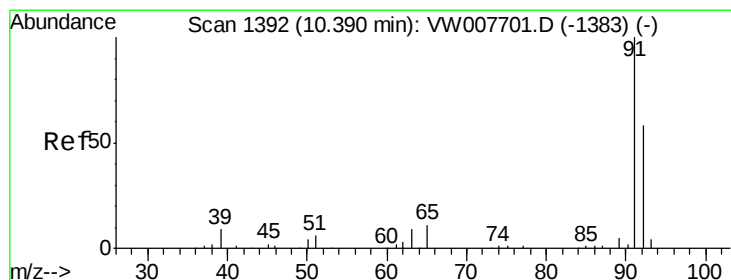
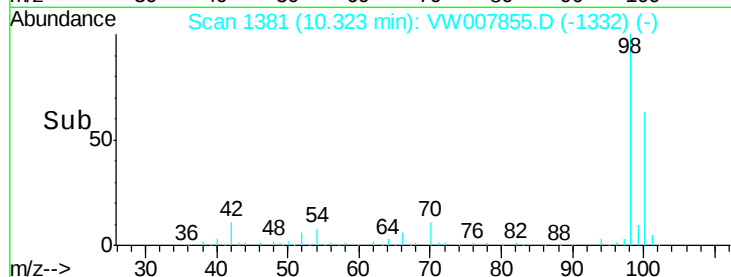
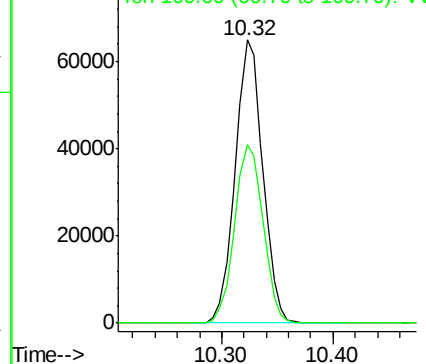
98 100

100 64.9 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: 2.608 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007855.D

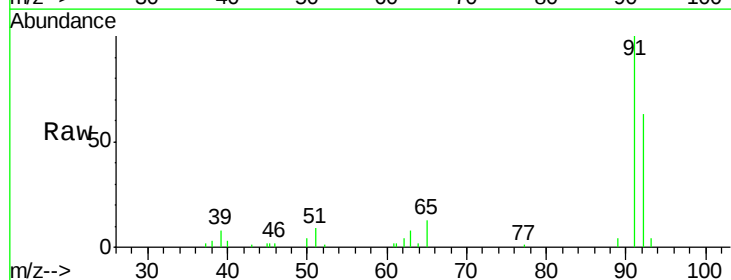
Acq: 22 Dec 2018 20:37

Tgt Ion: 92 Resp: 5005

Ion Ratio Lower Upper

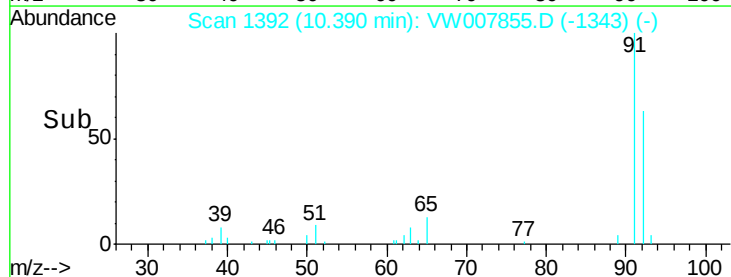
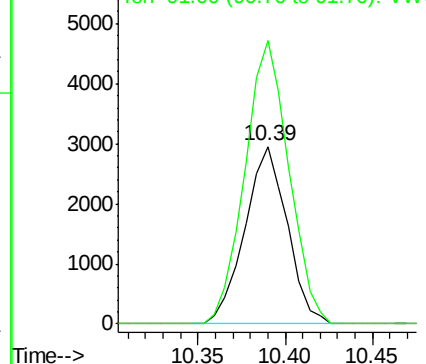
92 100

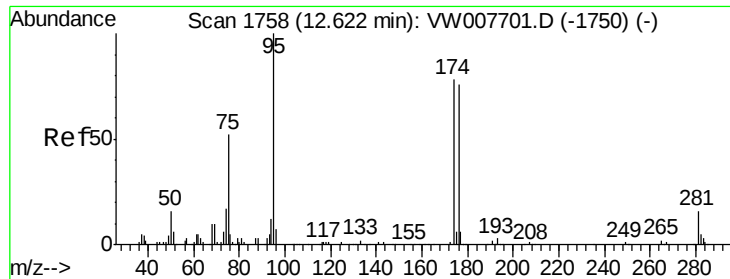
91 165.2 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#62

4-Bromofluorobenzene

Concen: 25.781 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007855.D

Acq: 22 Dec 2018 20:37

Instrument :

MSVOA_W

ClientSampleId :

P001-SS012-0006-01RE

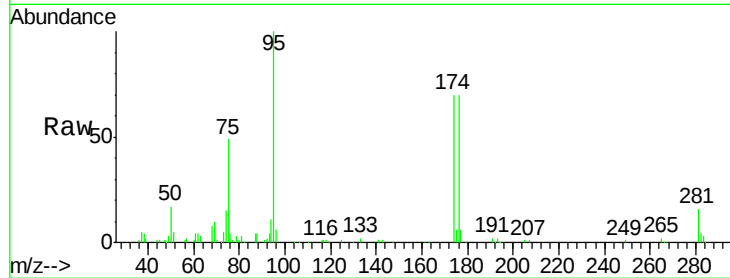
Tot Ion: 95 Resp: 25437

Ion Ratio Lower Upper

95 100

174 72.3 0.0 152.2

176 69.4 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

12.62

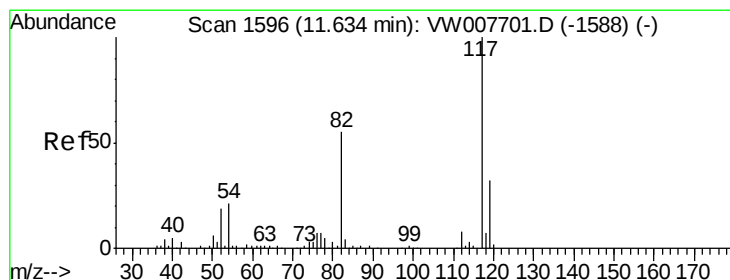
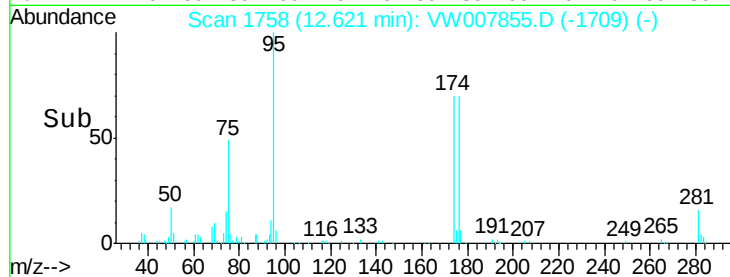
15000

10000

5000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW007855.D

Acq: 22 Dec 2018 20:37

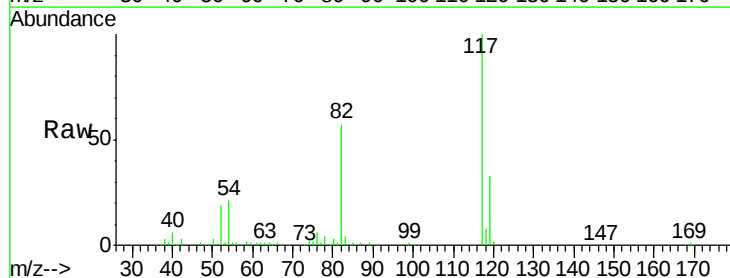
Tgt Ion: 117 Resp: 68673

Ion Ratio Lower Upper

117 100

82 57.2 44.3 66.5

119 32.1 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

11.63

50000

40000

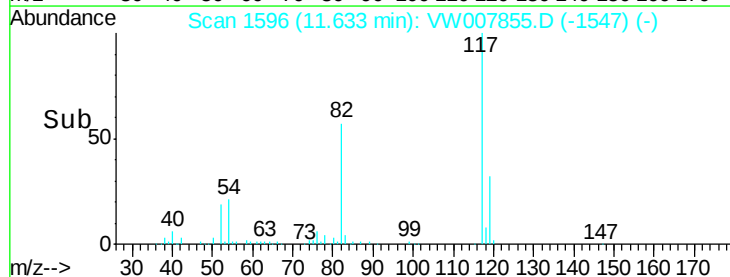
30000

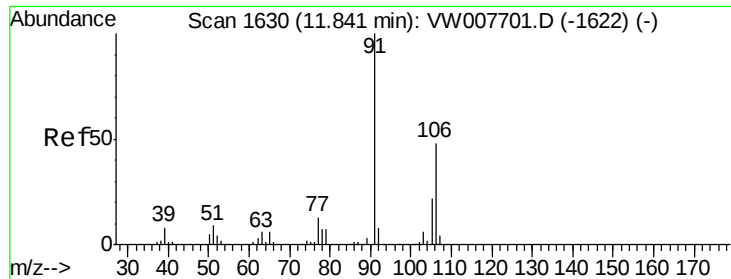
20000

10000

0

Time-->

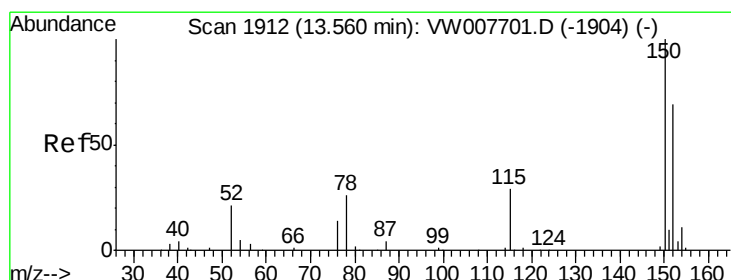
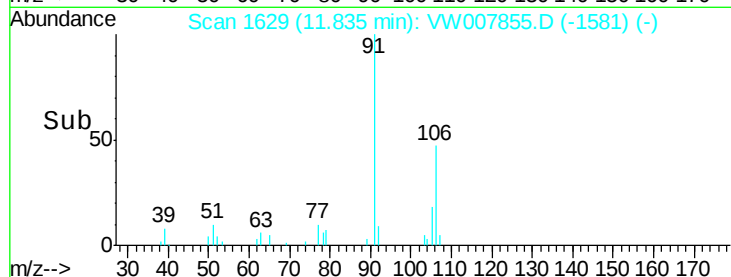
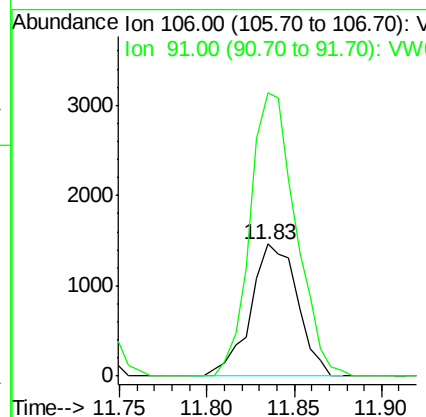
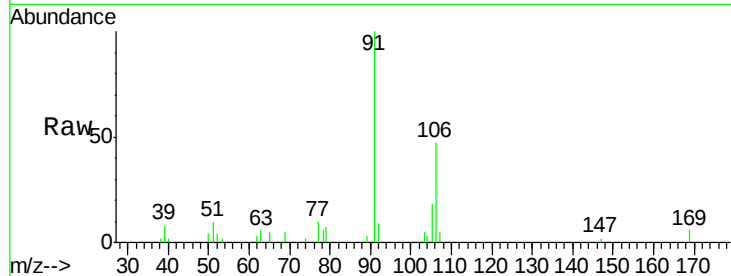




#68
m/p-Xvlenes
Concen: 2.745 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007855.D
Acq: 22 Dec 2018 20:37

Instrument :
MSVOA_W
ClientSampleId :
P001-SS012-0006-01RE

Tot Ion:106 Resp: 2716
Ion Ratio Lower Upper
106 100
91 209.6 165.2 247.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007855.D
Acq: 22 Dec 2018 20:37

Tgt Ion:152 Resp: 15875
Ion Ratio Lower Upper
152 100
115 63.5 31.8 95.4
150 154.6 0.0 350.8

