

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122518\
 Data File : VW007897.D
 Acq On : 24 Dec 2018 18:53
 Operator : SY/AP
 Sample : J6446-18
 Misc : 5.17G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS023-0006-01

Quant Time: Dec 25 03:41:17 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

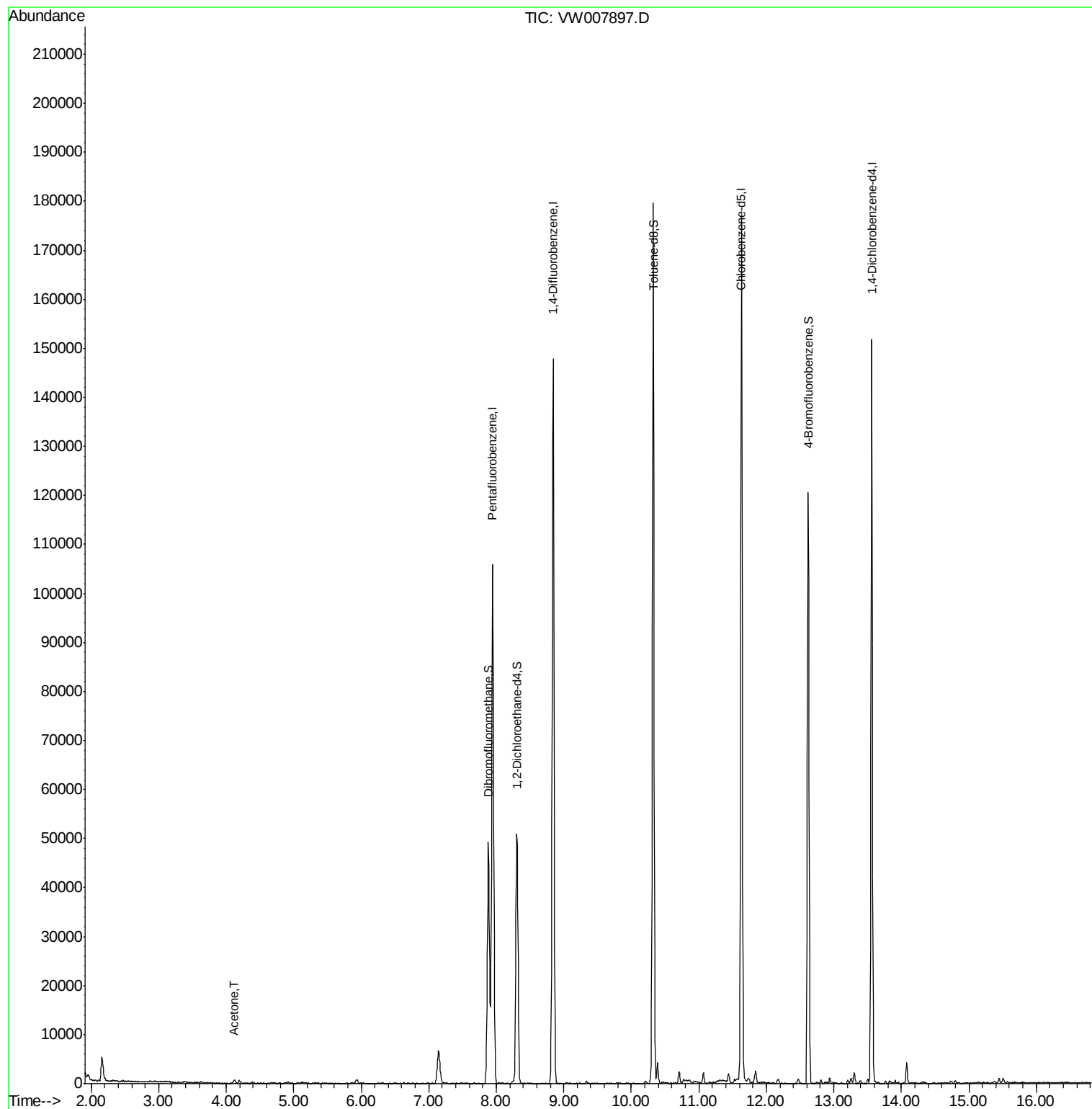
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	75724	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	125068	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	98563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	38954	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	42481	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.36%	
35) Dibromofluoromethane	7.88	113	35603	46.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.32%	
50) Toluene-d8	10.32	98	122306	42.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.04%	
62) 4-Bromofluorobenzene	12.62	95	39602	35.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.28%	
Target Compounds						
16) Acetone	4.12	43	1130	7.271	ug/l	Qvalue 98

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

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Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007897.D

Acq: 24 Dec 2018 18:53

Instrument :

MSVOA_W

ClientSampleId :

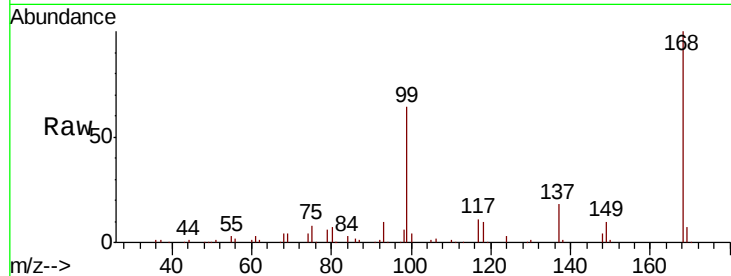
P001-SS023-0006-01

Tot Ion:168 Resp: 75724

Ion Ratio Lower Upper

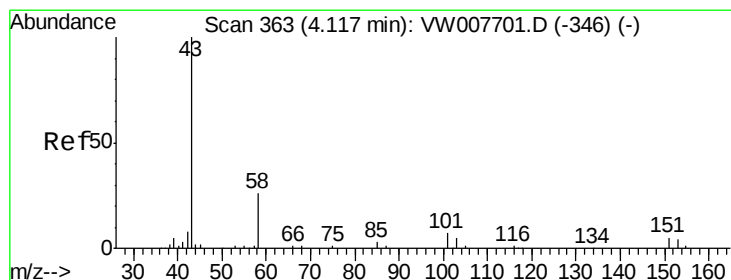
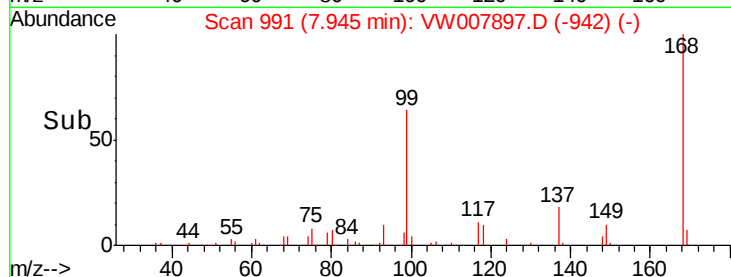
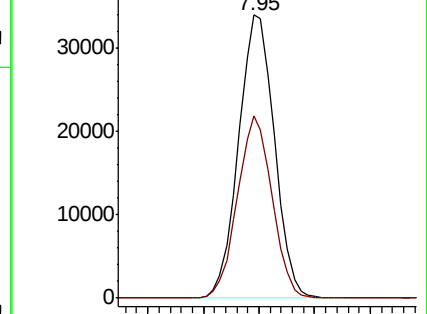
168 100

99 64.5 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 7.271 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007897.D

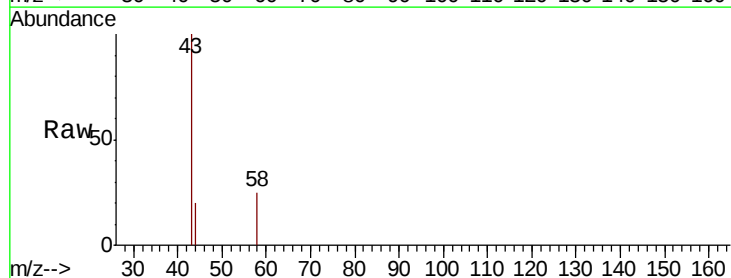
Acq: 24 Dec 2018 18:53

Tgt Ion: 43 Resp: 1130

Ion Ratio Lower Upper

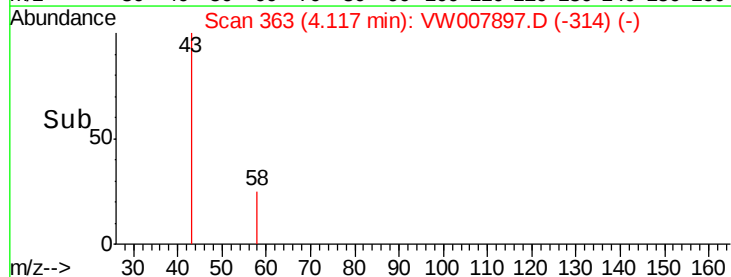
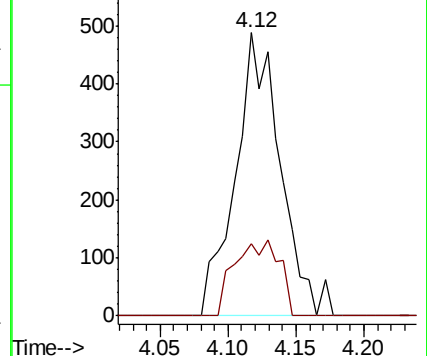
43 100

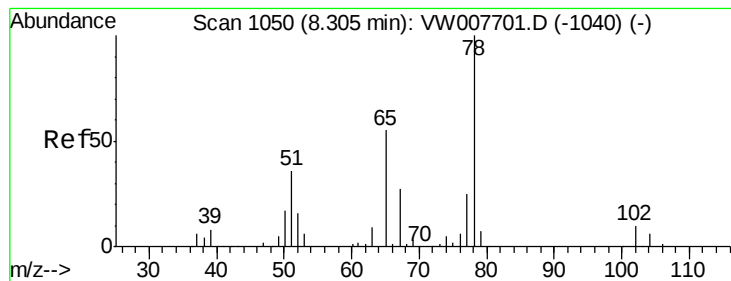
58 25.4 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#33

1,2-Dichloroethane-d4

Concen: 51.184 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007897.D

Acq: 24 Dec 2018 18:53

Instrument :

MSVOA_W

ClientSampleId :

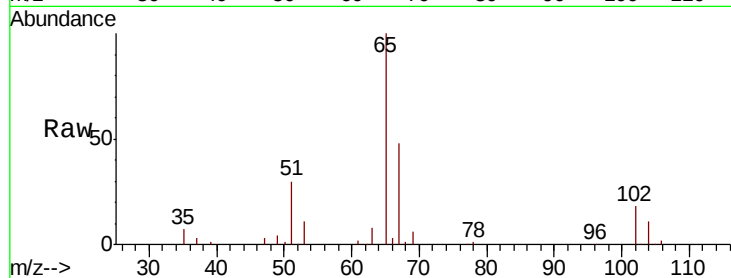
P001-SS023-0006-01

Tot Ion: 65 Resp: 42481

Ion Ratio Lower Upper

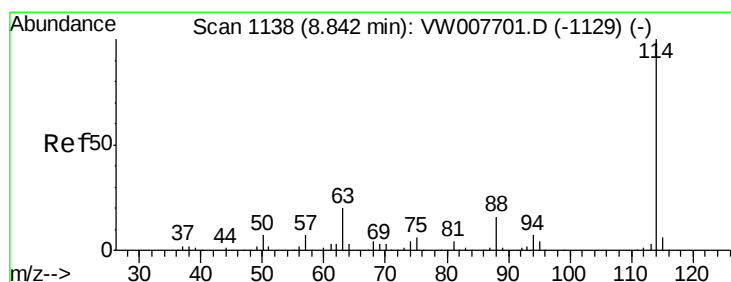
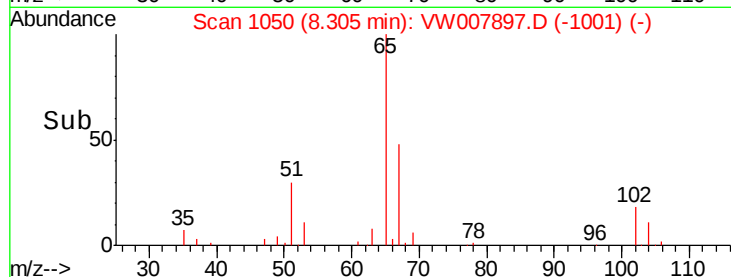
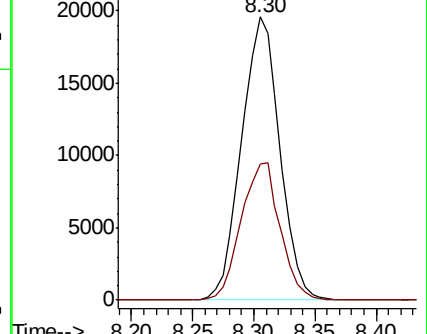
65 100

67 49.3 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW007897.D

Acq: 24 Dec 2018 18:53

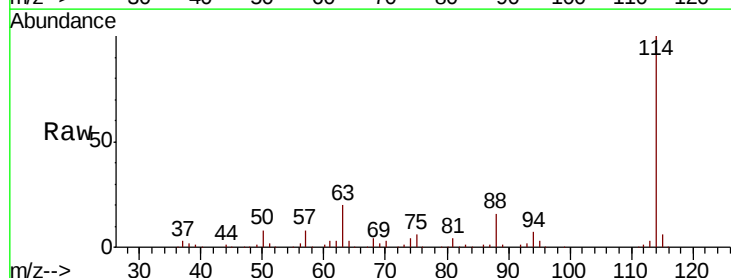
Tgt Ion: 114 Resp: 125068

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

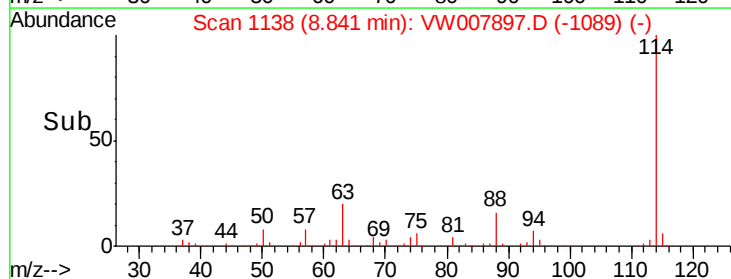
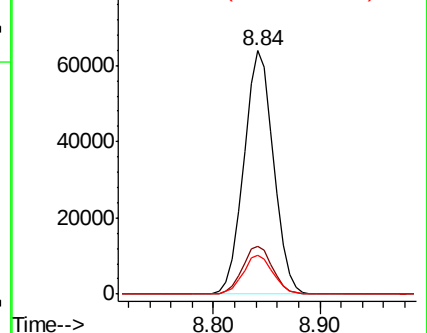
88 15.9 0.0 32.6

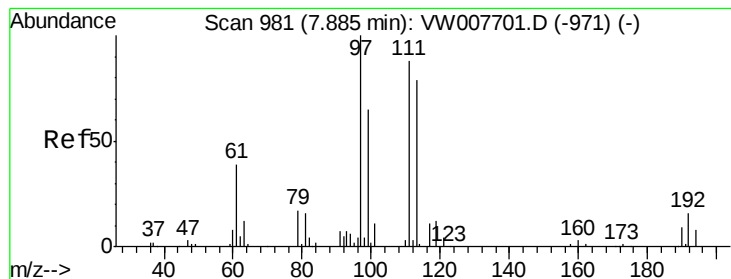


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 46.663 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007897.D

Acq: 24 Dec 2018 18:53

Instrument :

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ClientSampleId :

P001-SS023-0006-01

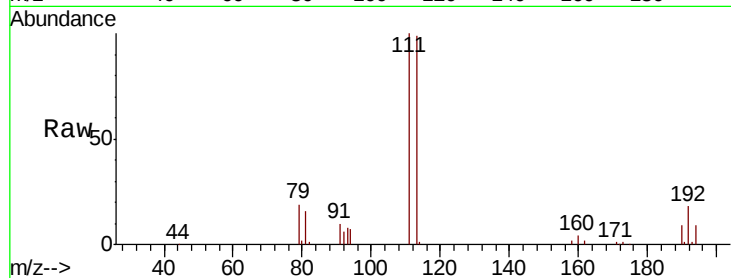
Tot Ion:113 Resp: 35603

Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

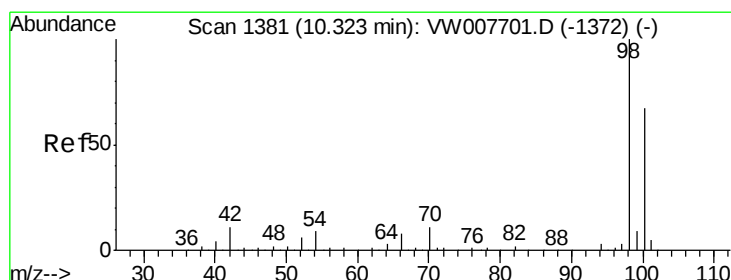
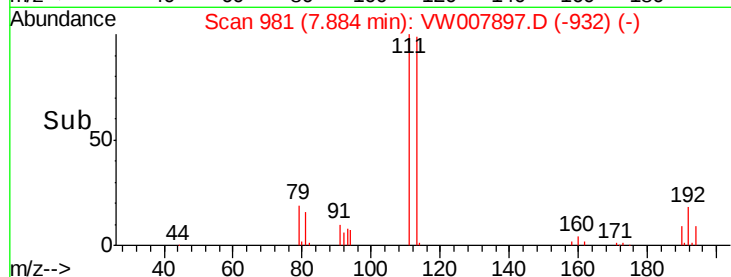
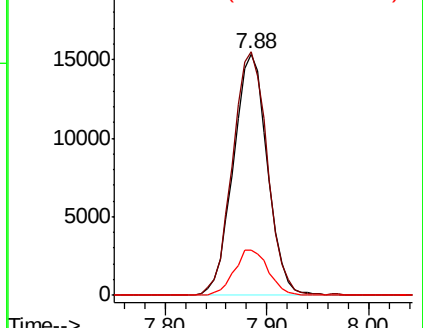
192 18.7 15.5 23.3



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: 42.522 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007897.D

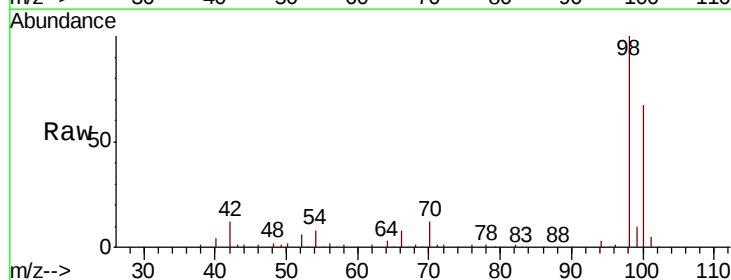
Acq: 24 Dec 2018 18:53

Tgt Ion: 98 Resp: 122306

Ion Ratio Lower Upper

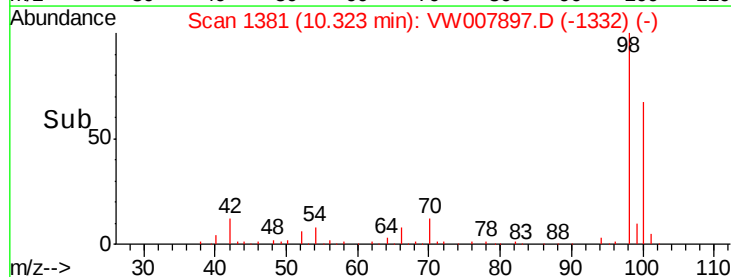
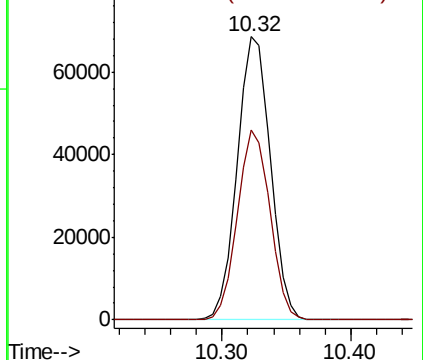
98 100

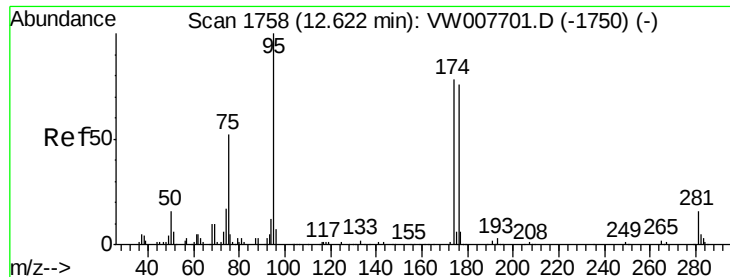
100 65.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 35.639 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007897.D

Acq: 24 Dec 2018 18:53

Instrument :

MSVOA_W

ClientSampleId :

P001-SS023-0006-01

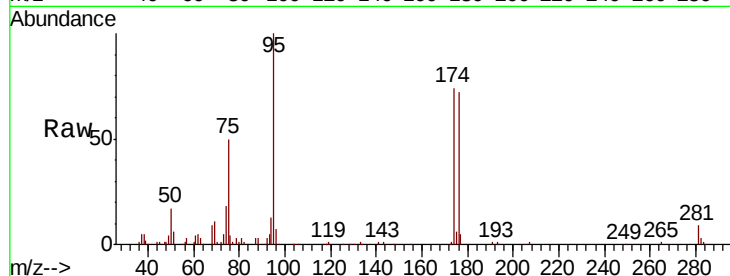
Tot Ion: 95 Resp: 39602

Ion Ratio Lower Upper

95 100

174 74.8 0.0 152.2

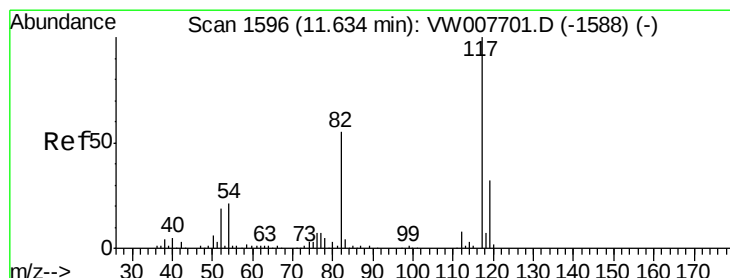
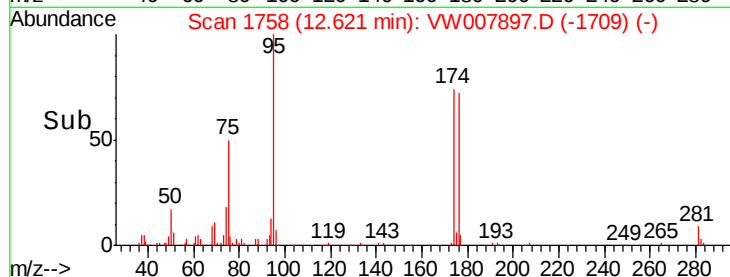
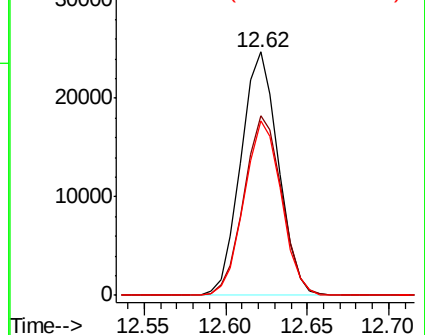
176 71.5 0.0 146.8



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: VW007897.D

Acq: 24 Dec 2018 18:53

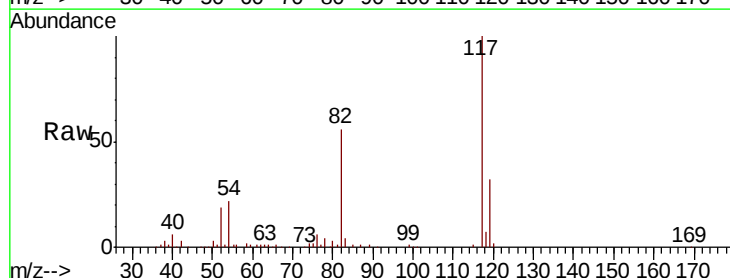
Tgt Ion: 117 Resp: 98563

Ion Ratio Lower Upper

117 100

82 56.2 44.3 66.5

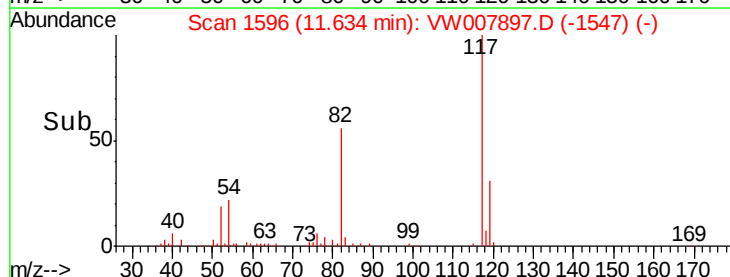
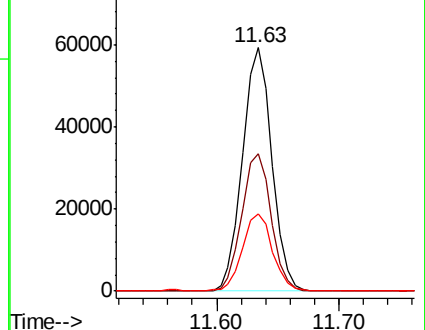
119 31.4 25.7 38.5

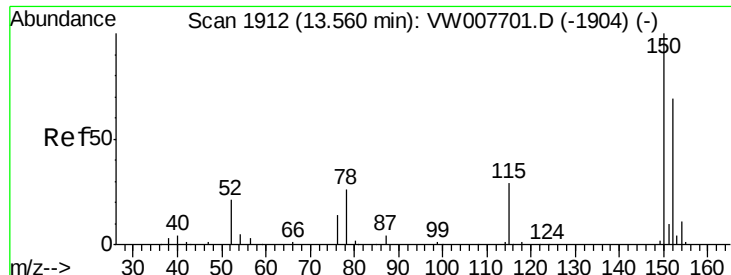


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007897.D

Acq: 24 Dec 2018 18:53

Instrument :

MSVOA_W

ClientSampleId :

P001-SS023-0006-01

Tot Ion:152 Resp: 38954

Ion Ratio Lower Upper

152 100

115 63.5 31.8 95.4

150 157.7 0.0 350.8

