

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122518\
 Data File : VW007899.D
 Acq On : 24 Dec 2018 19:44
 Operator : SY/AP
 Sample : J6446-20
 Misc : 5.58G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS023-1218-01

Quant Time: Dec 25 03:46:16 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	17970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	29970	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	24537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	9095	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	11436	58.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.12%	
35) Dibromofluoromethane	7.88	113	9662	52.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.70%	
50) Toluene-d8	10.32	98	30634	44.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.90%	
62) 4-Bromofluorobenzene	12.62	95	9762	36.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.32%	

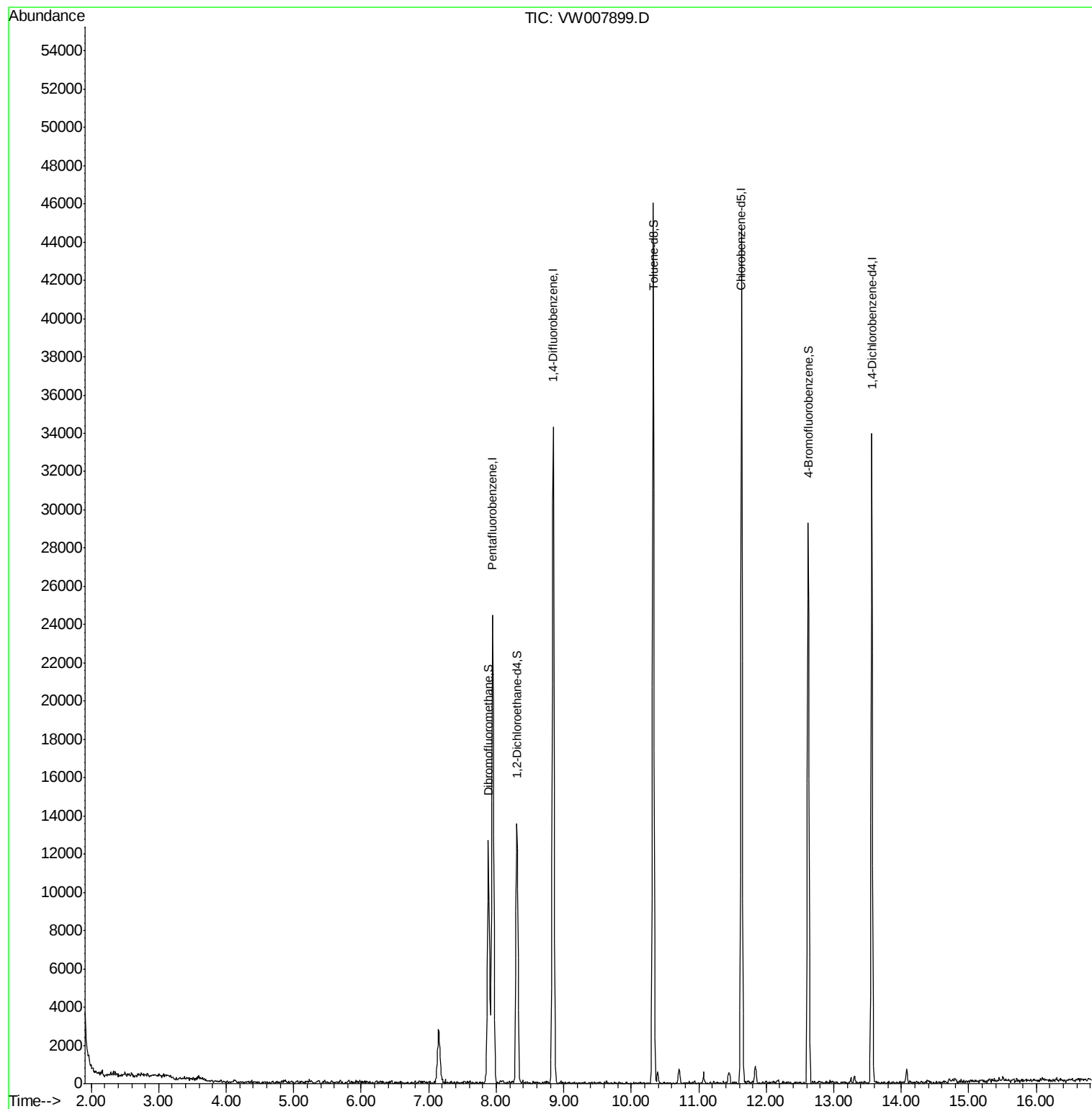
Target Compounds	Qvalue
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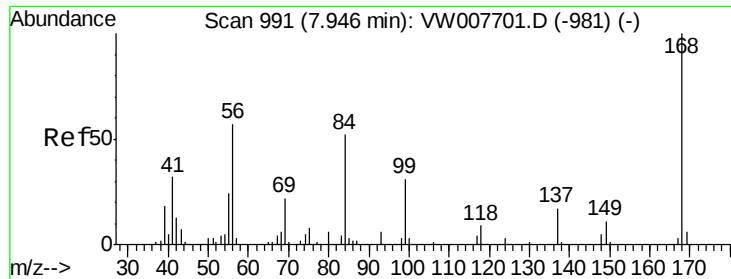
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW007899.D

Acq: 24 Dec 2018 19:44

Instrument :

MSVOA_W

ClientSampleId :

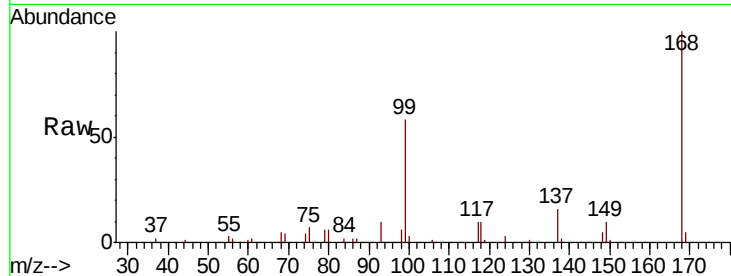
P001-SS023-1218-01

Tot Ion:168 Resp: 17970

Ion Ratio Lower Upper

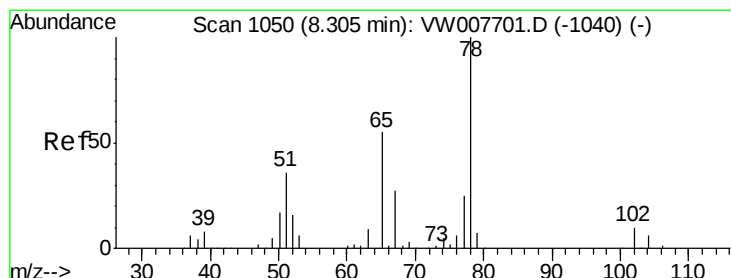
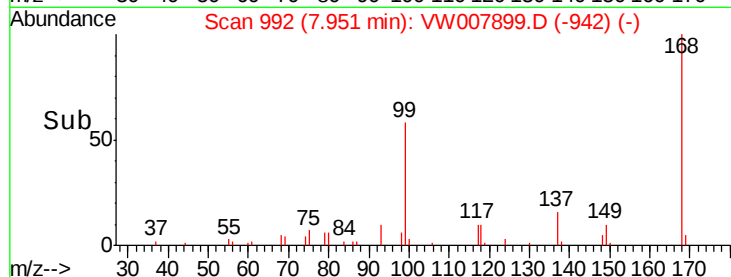
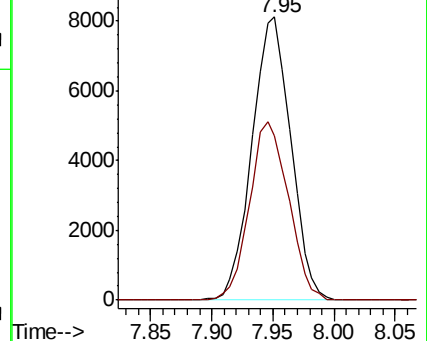
168 100

99 58.0 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 58.063 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007899.D

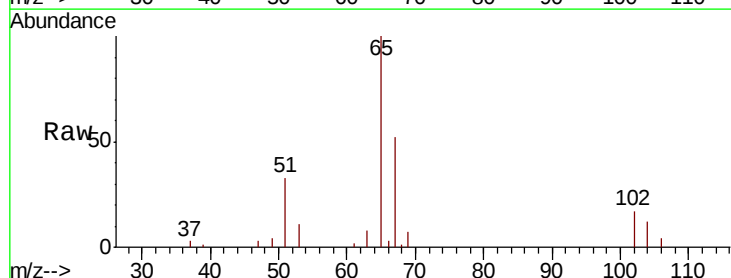
Acq: 24 Dec 2018 19:44

Tgt Ion: 65 Resp: 11436

Ion Ratio Lower Upper

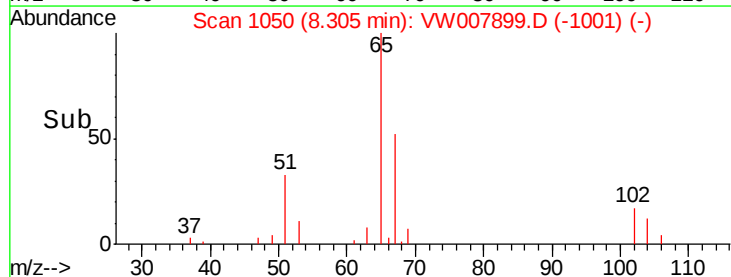
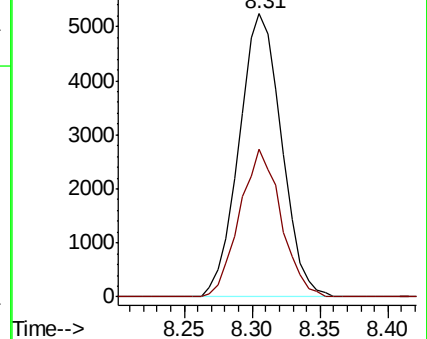
65 100

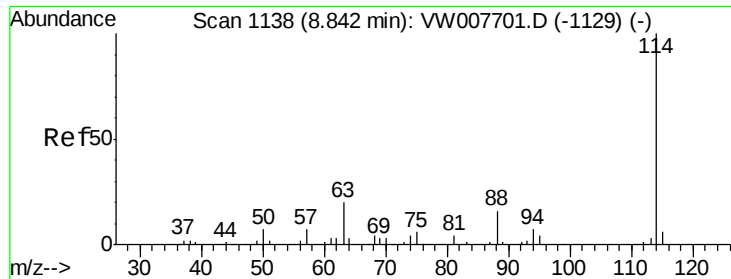
67 50.8 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

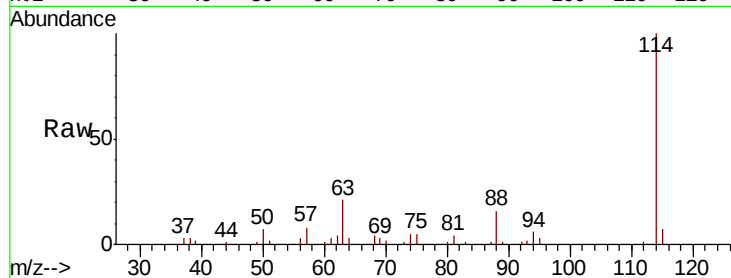




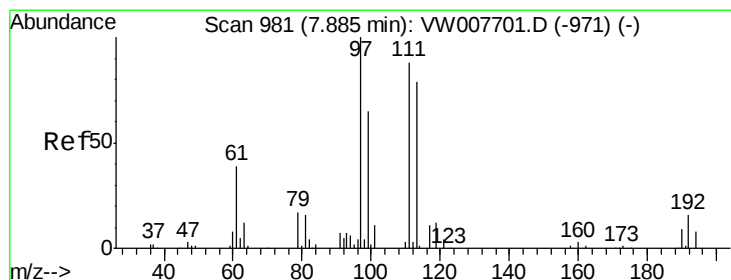
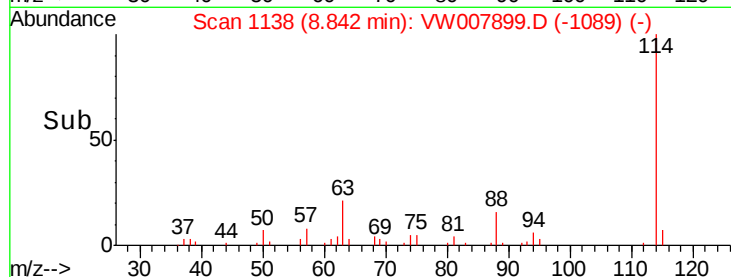
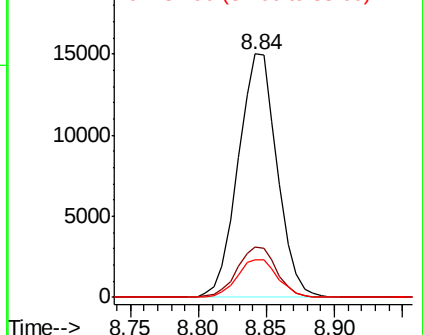
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007899.D
 Acq: 24 Dec 2018 19:44

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS023-1218-01

Tot Ion:114 Resp: 29970
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 40.0
 88 15.5 0.0 32.6

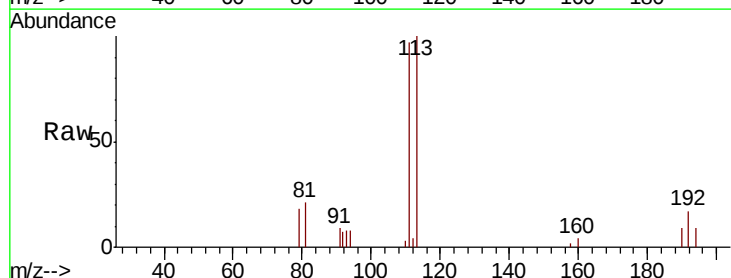


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

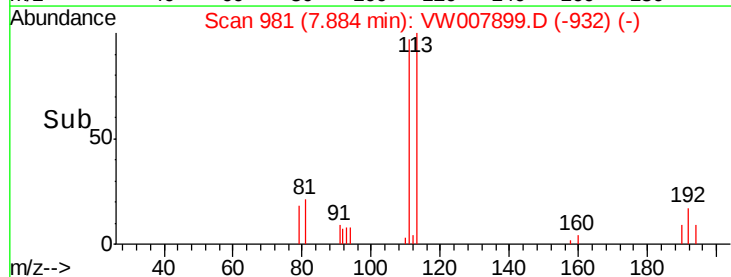
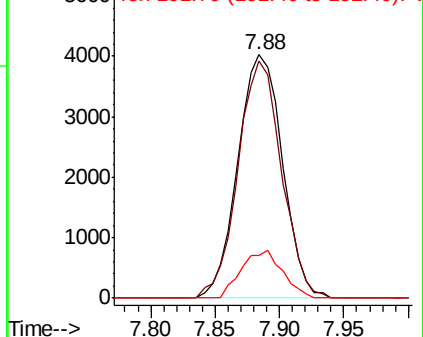


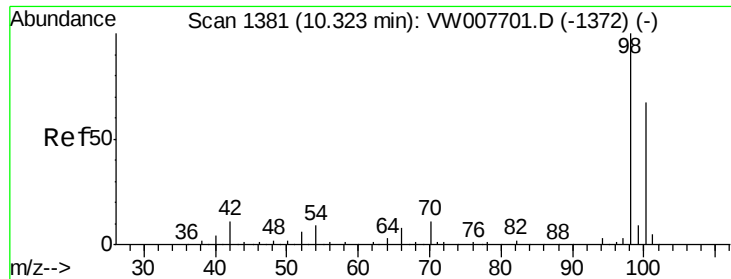
#35
 Dibromofluoromethane
 Concen: 52.846 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007899.D
 Acq: 24 Dec 2018 19:44

Tgt Ion:113 Resp: 9662
 Ion Ratio Lower Upper
 113 100
 111 95.0 82.6 124.0
 192 18.0 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: 44.445 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007899.D

Acq: 24 Dec 2018 19:44

Instrument :

MSVOA_W

ClientSampleId :

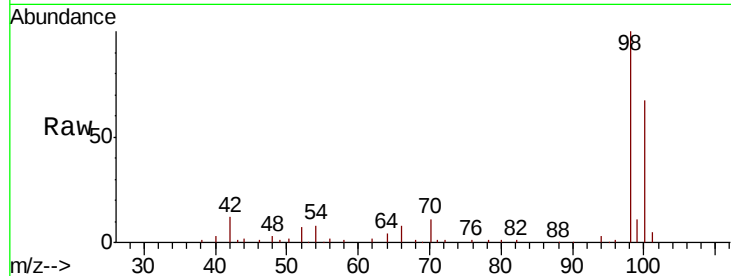
P001-SS023-1218-01

Tot Ion: 98 Resp: 30634

Ion Ratio Lower Upper

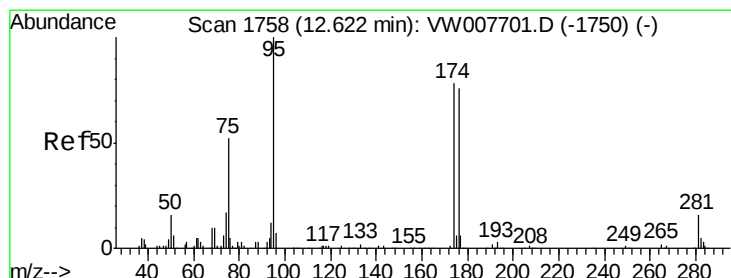
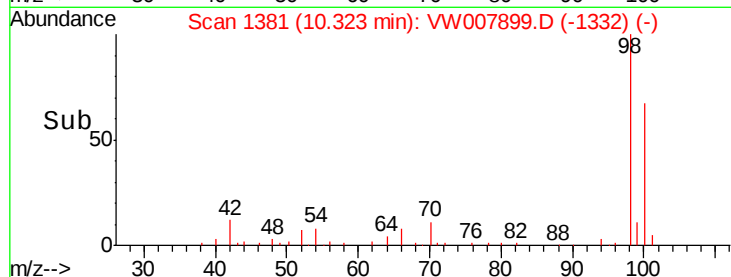
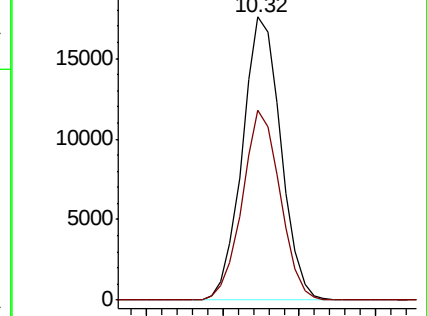
98 100

100 66.0 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: 36.662 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007899.D

Acq: 24 Dec 2018 19:44

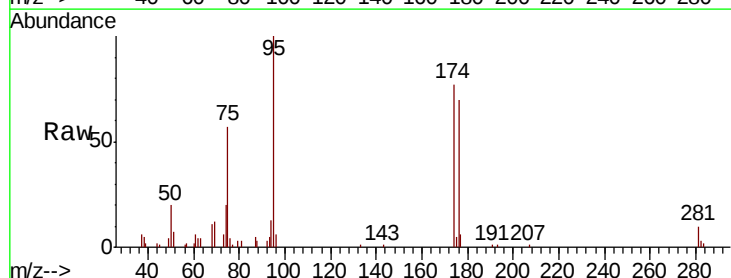
Tgt Ion: 95 Resp: 9762

Ion Ratio Lower Upper

95 100

174 76.6 0.0 152.2

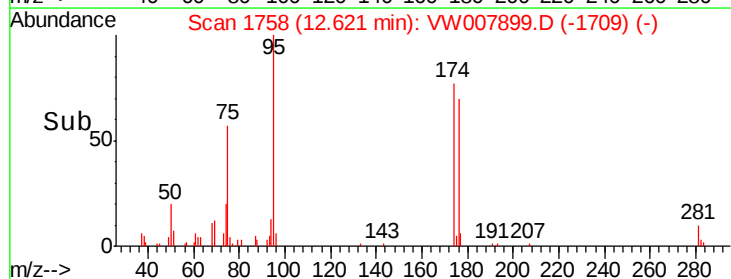
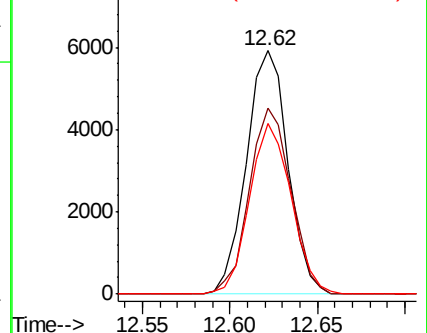
176 70.3 0.0 146.8

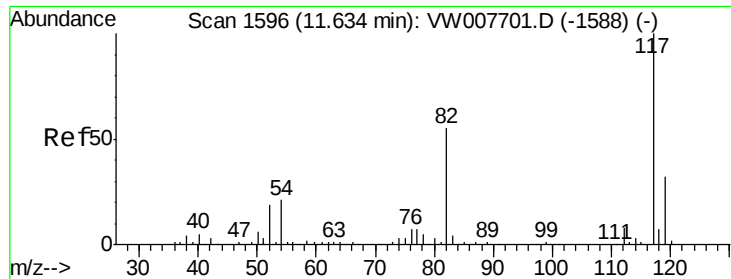


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

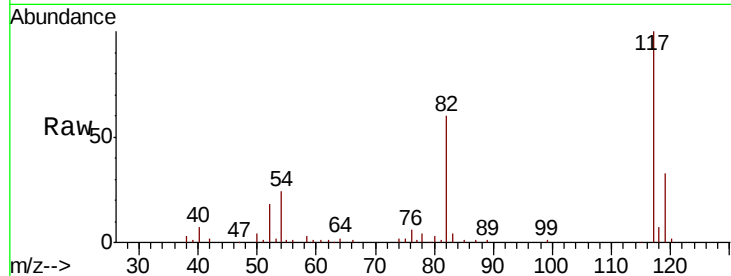




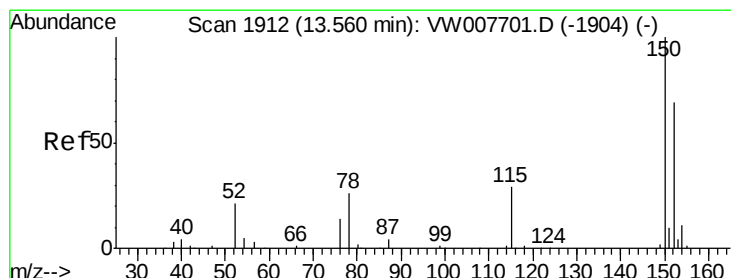
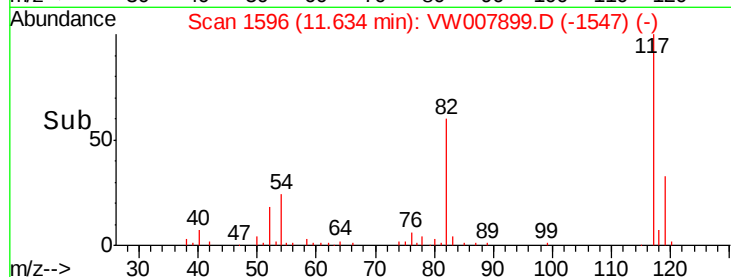
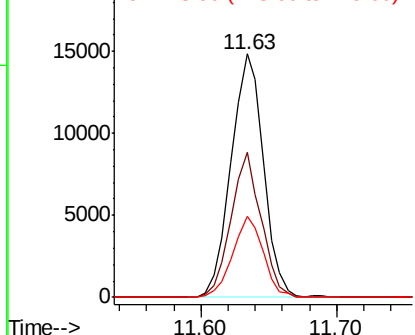
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007899.D
Acq: 24 Dec 2018 19:44

Instrument :
MSVOA_W
ClientSampleId :
P001-SS023-1218-01

Tot Ion:117 Resp: 24537
Ion Ratio Lower Upper
117 100
82 59.6 44.3 66.5
119 33.2 25.7 38.5

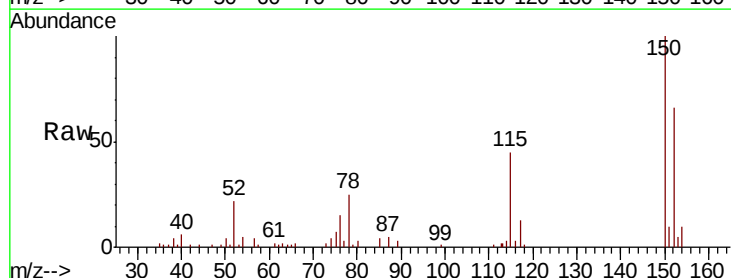


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007899.D
Acq: 24 Dec 2018 19:44

Tgt Ion:152 Resp: 9095
Ion Ratio Lower Upper
152 100
115 64.6 31.8 95.4
150 154.9 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

