

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007191.D
 Acq On : 04 Dec 2018 16:56
 Operator : SY/AP
 Sample : J6168-10
 Misc : 4.47G/5ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S2

Quant Time: Dec 05 05:57:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 14:18:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	9009	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	14526	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	11555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	3256	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	3724	44.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.80%	
35) Dibromofluoromethane	7.89	113	3765	45.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.54%	
50) Toluene-d8	10.33	98	12678	34.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.20%	
62) 4-Bromofluorobenzene	12.62	95	3790	27.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	54.82%	

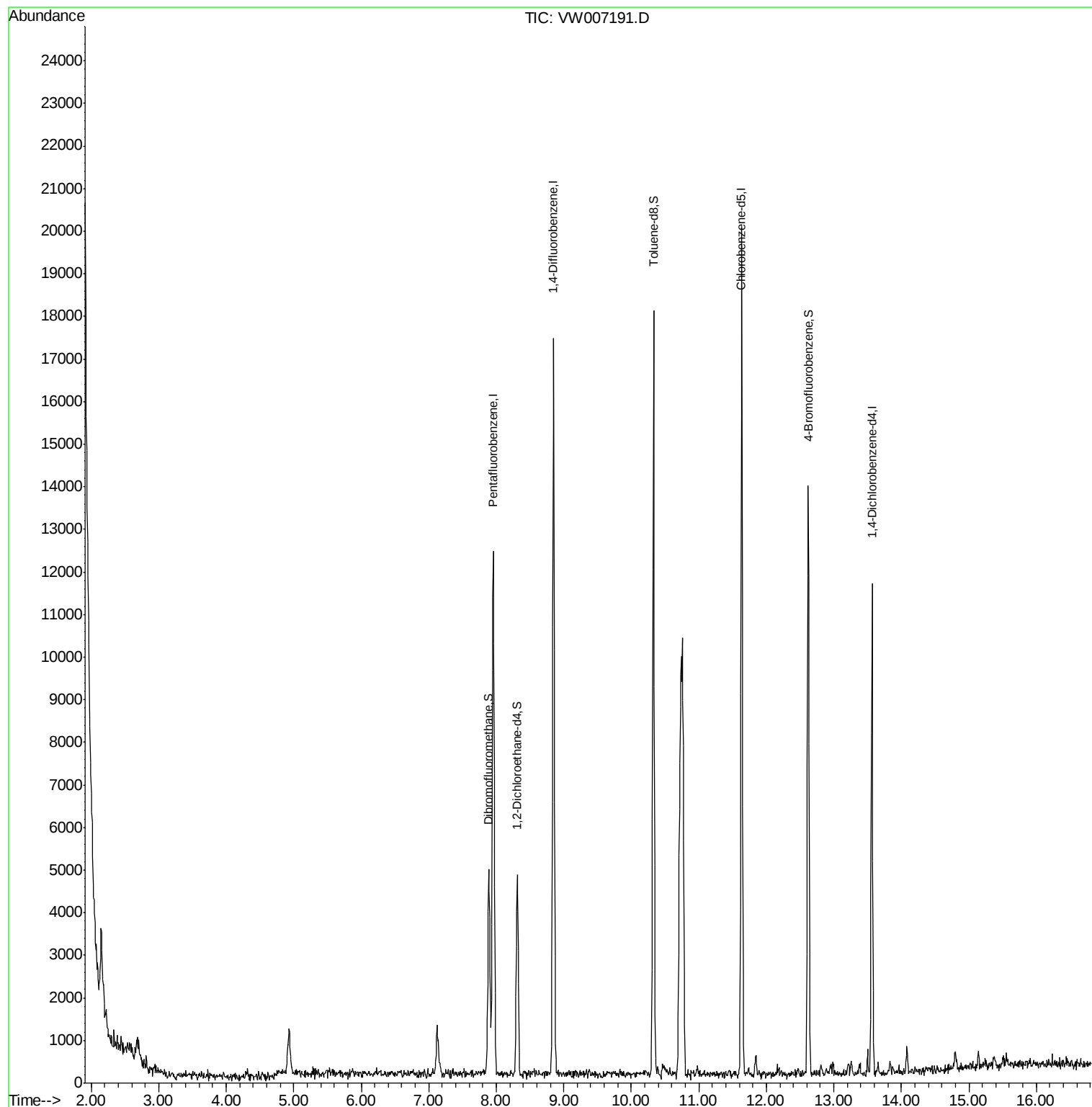
Target Compounds	Qvalue
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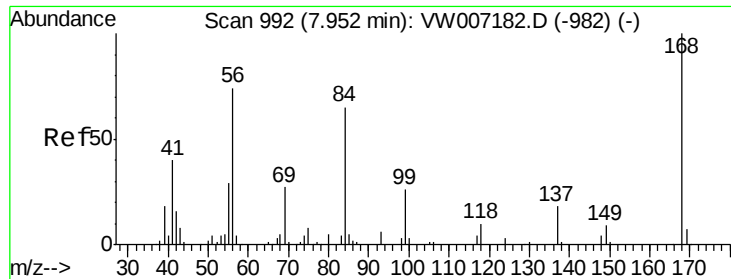
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW007191.D

Acq: 04 Dec 2018 16:56

Instrument :

MSVOA_W

ClientSampleId :

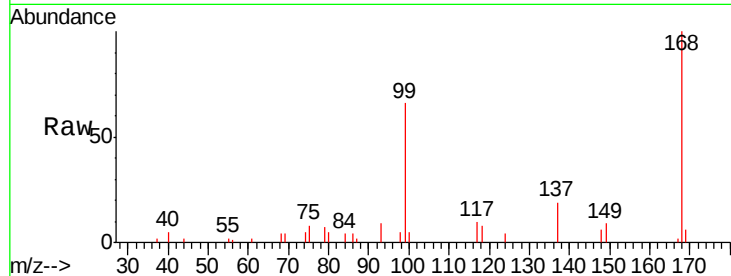
S2

Tgt Ion:168 Resp: 9009

Ion Ratio Lower Upper

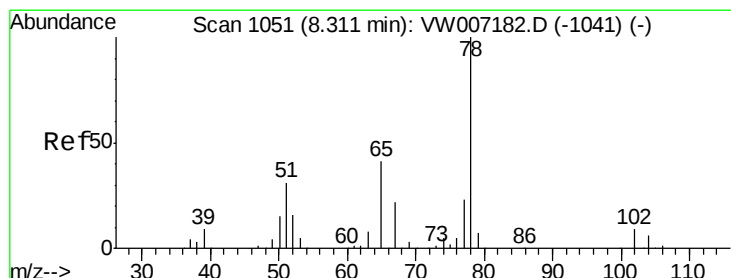
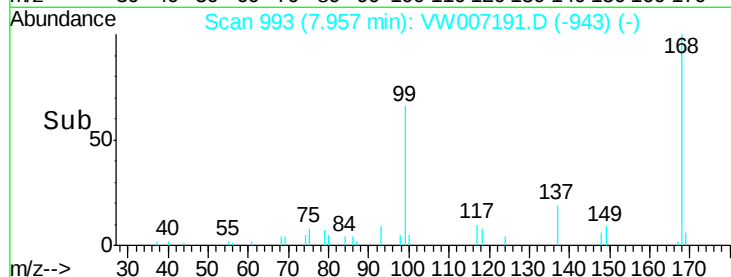
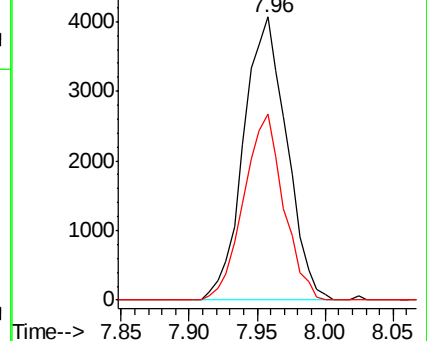
168 100

99 65.9 47.8 71.8



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: 44.398 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW007191.D

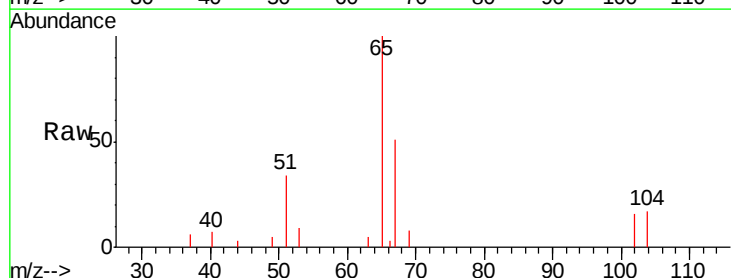
Acq: 04 Dec 2018 16:56

Tgt Ion: 65 Resp: 3724

Ion Ratio Lower Upper

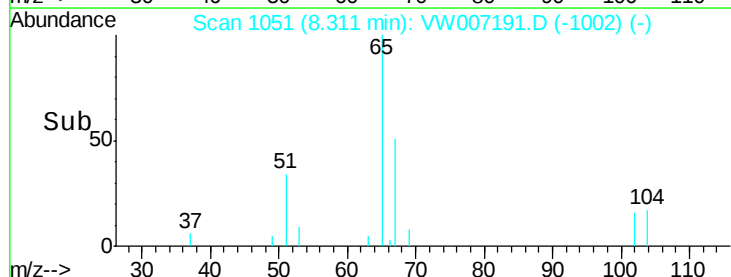
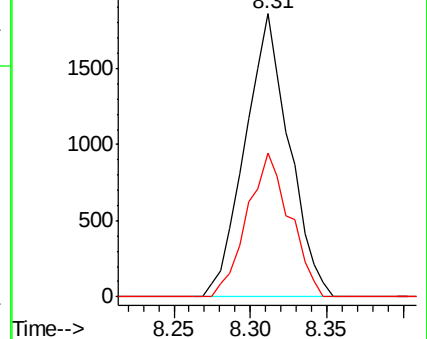
65 100

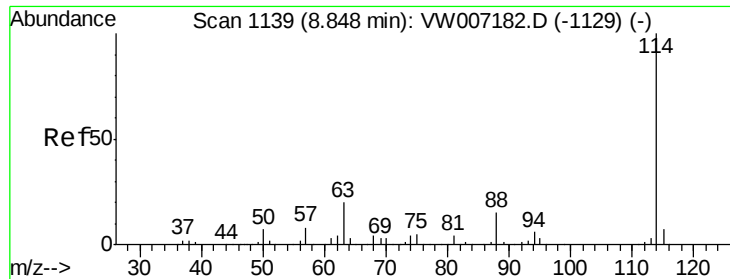
67 49.6 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

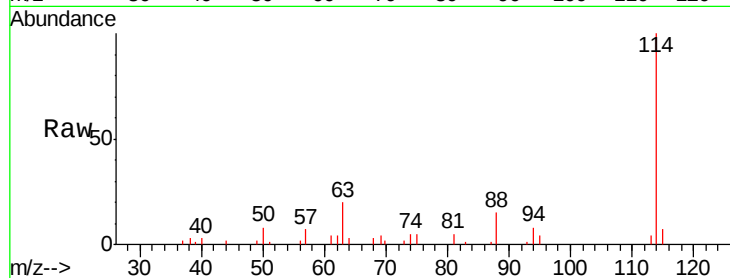




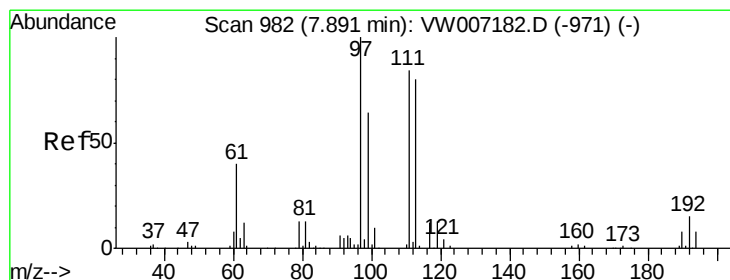
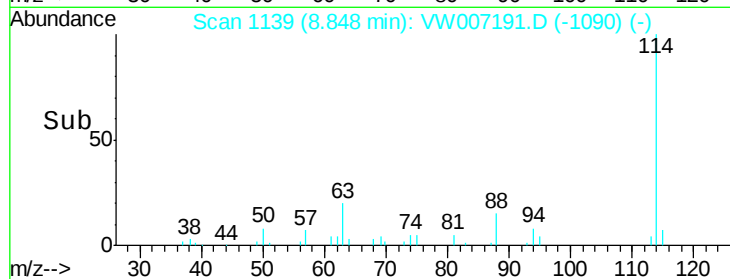
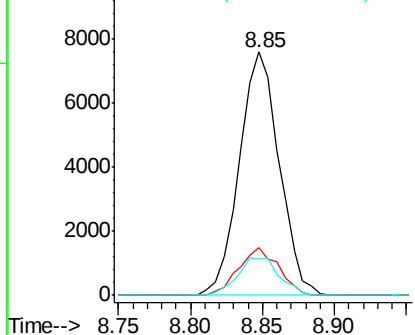
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007191.D
 Acq: 04 Dec 2018 16:56

Instrument :
 MSVOA_W
 ClientSampleId :
 S2

Tgt Ion:114 Resp: 14526
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.2
 88 14.7 0.0 30.0

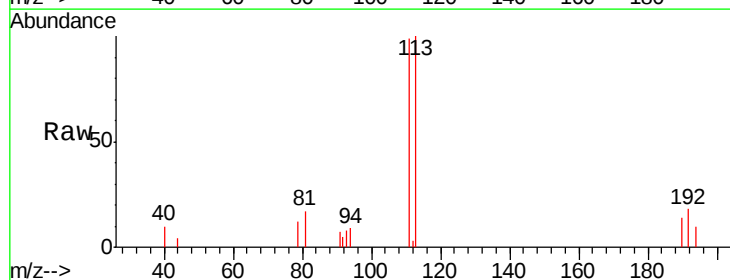


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

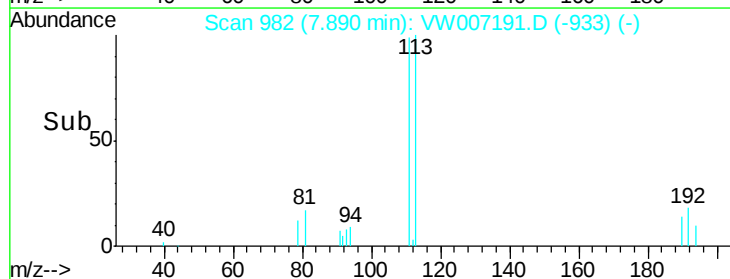
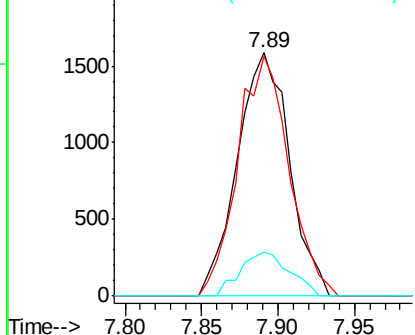


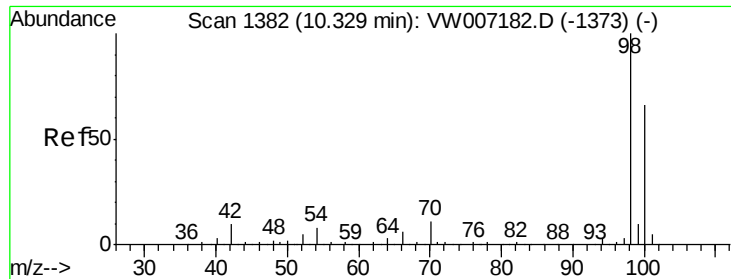
#35
 Dibromofluoromethane
 Concen: 45.266 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007191.D
 Acq: 04 Dec 2018 16:56

Tgt Ion:113 Resp: 3765
 Ion Ratio Lower Upper
 113 100
 111 96.9 82.2 123.4
 192 17.1 14.4 21.6



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: 34.603 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007191.D

Acq: 04 Dec 2018 16:56

Instrument :

MSVOA_W

ClientSampleId :

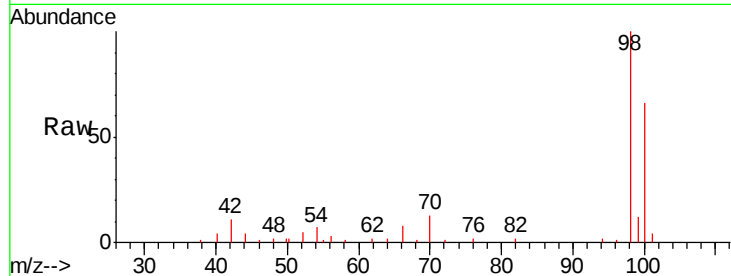
S2

Tgt Ion: 98 Resp: 12678

Ion Ratio Lower Upper

98 100

100 63.0 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.33

8000

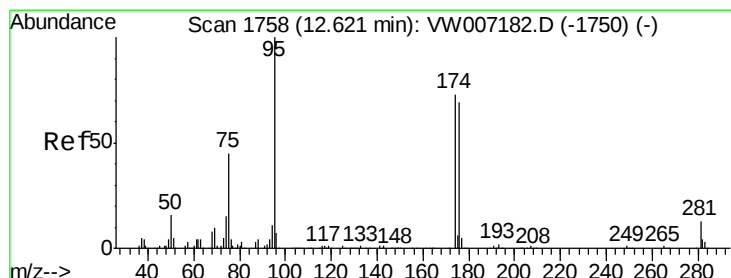
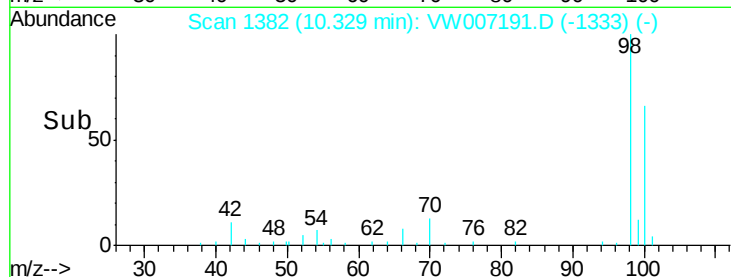
6000

4000

2000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 27.406 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007191.D

Acq: 04 Dec 2018 16:56

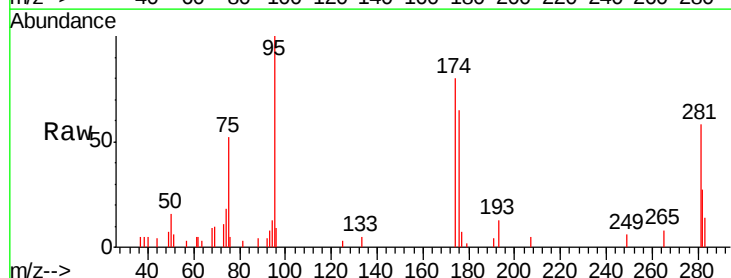
Tgt Ion: 95 Resp: 3790

Ion Ratio Lower Upper

95 100

174 71.2 0.0 148.0

176 72.4 0.0 139.4



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

3000

2500

2000

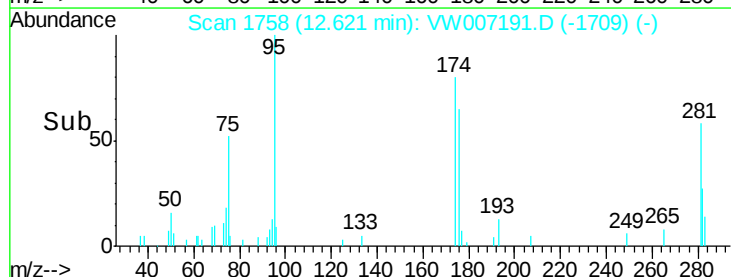
1500

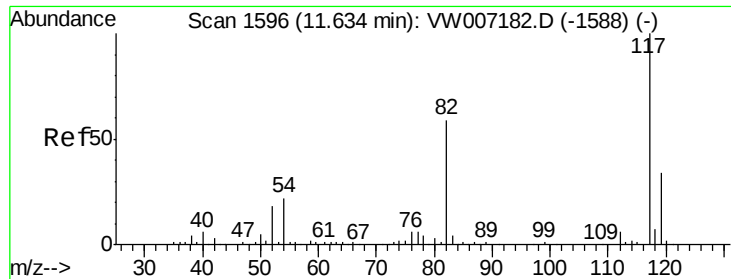
1000

500

0

Time-->

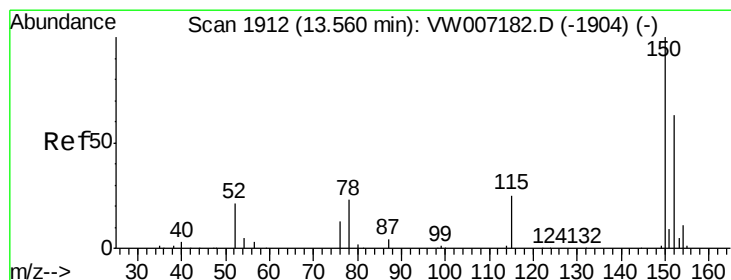
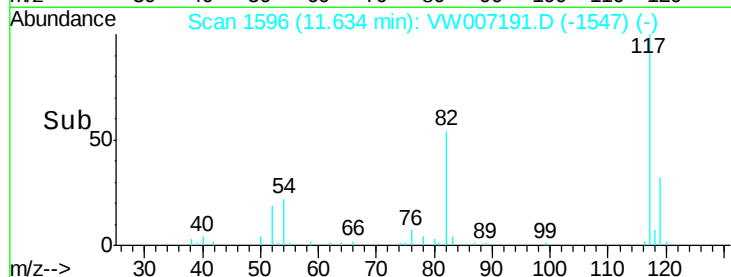
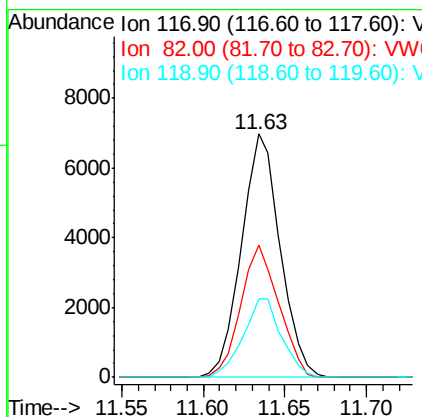
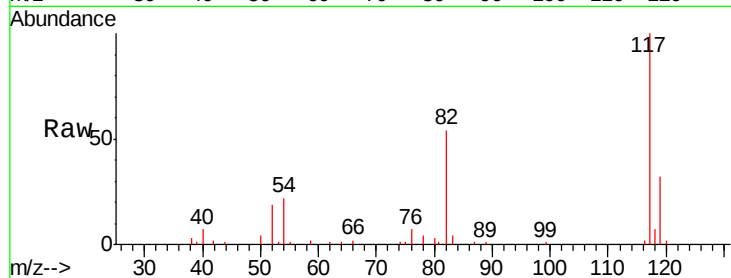




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007191.D
Acq: 04 Dec 2018 16:56

Instrument :
MSVOA_W
ClientSampled :
S2

Tgt Ion:117 Resp: 11555
Ion Ratio Lower Upper
117 100
82 54.4 47.4 71.2
119 32.3 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007191.D
Acq: 04 Dec 2018 16:56

Tgt Ion:152 Resp: 3256
Ion Ratio Lower Upper
152 100
115 66.6 31.3 93.8
150 156.3 0.0 358.0

