

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122018\
 Data File : VW007694.D
 Acq On : 19 Dec 2018 08:51
 Operator : SY/AP
 Sample : J6386-17
 Misc : 6.37G/5ML/MSVOA_W/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS007-1218-01

Quant Time: Dec 19 10:09:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	47501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	82959	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	60400	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	17085	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		8.30	65	28731	54.52	ug/l	0.00
Spiked Amount	50.000			Recovery	=	109.04%	
35) Dibromofluoromethane		7.88	113	23955	47.70	ug/l	0.00
Spiked Amount	50.000			Recovery	=	95.40%	
50) Toluene-d8		10.32	98	67505	35.85	ug/l	0.00
Spiked Amount	50.000			Recovery	=	71.70%	
62) 4-Bromofluorobenzene		12.62	95	18510	26.74	ug/l	0.00
Spiked Amount	50.000			Recovery	=	53.48%	

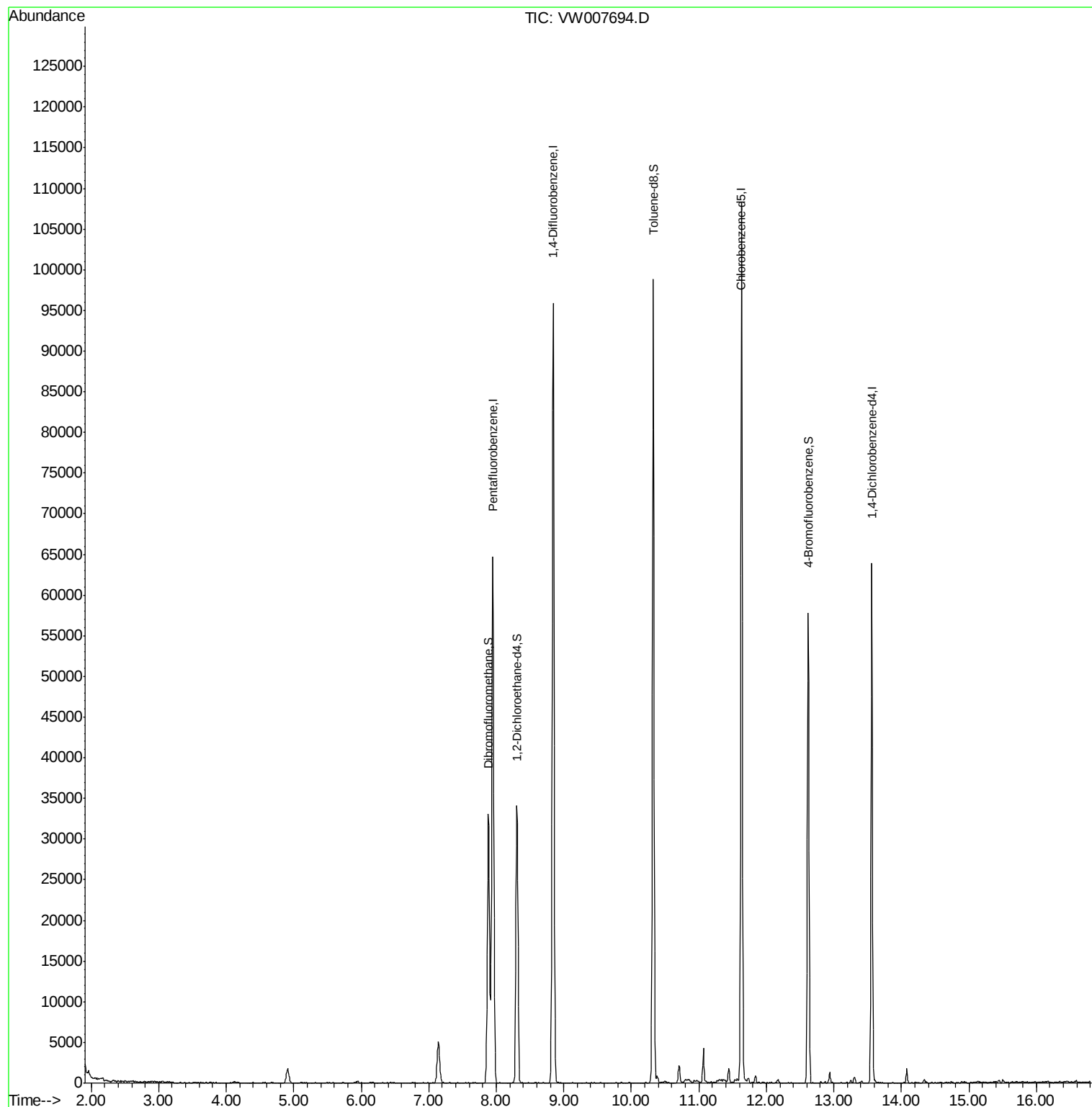
Target Compounds	Qvalue
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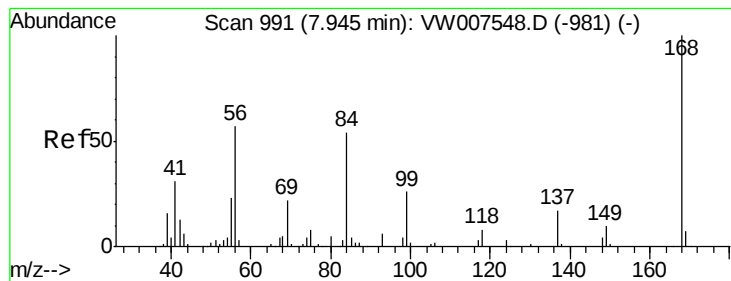
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007694.D

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Instrument :

MSVOA_W

ClientSampleId :

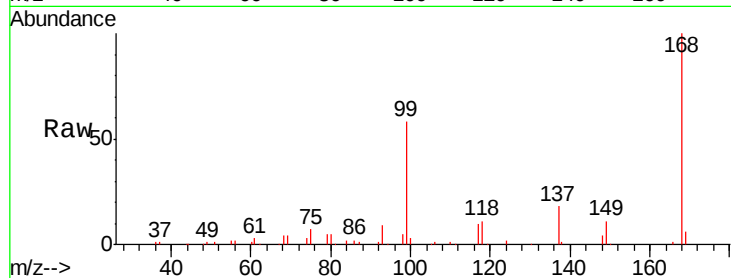
P001-SS007-1218-01

Tgt Ion: 168 Resp: 47501

Ion Ratio Lower Upper

168 100

99 58.5 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

25000

20000

15000

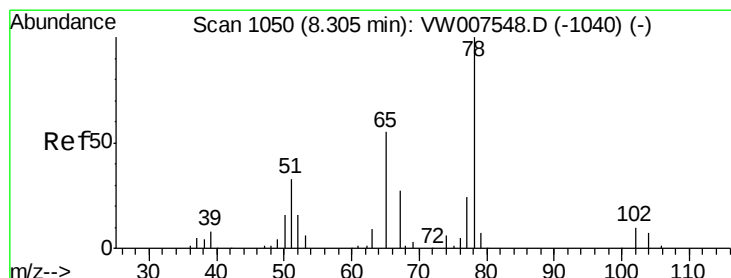
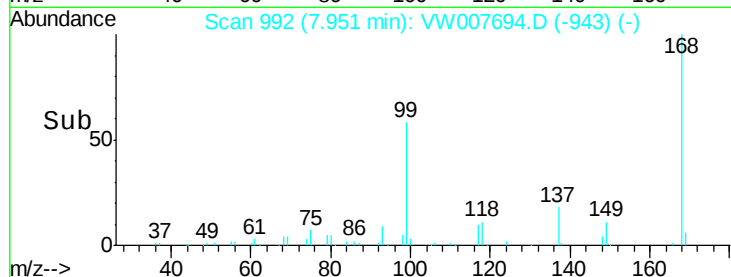
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#33

1,2-Dichloroethane-d4

Concen: 54.520 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007694.D

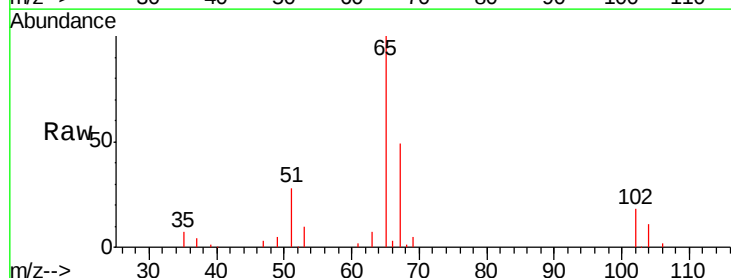
Acq: 19 Dec 2018 08:51

Tgt Ion: 65 Resp: 28731

Ion Ratio Lower Upper

65 100

67 49.1 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

15000

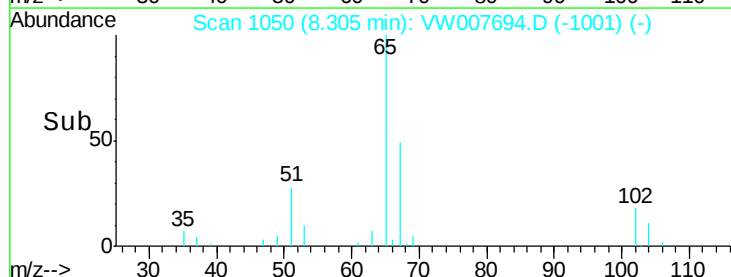
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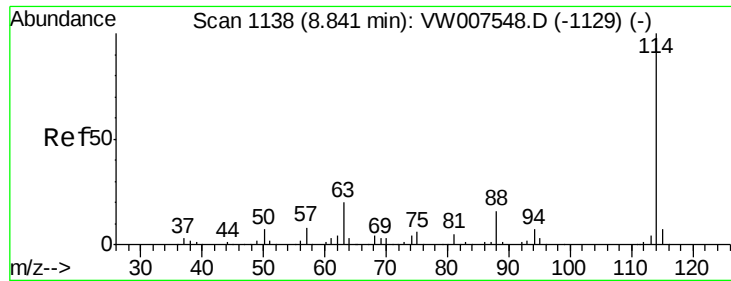
5000

0

Time-->

8.20 8.25 8.30 8.35 8.40

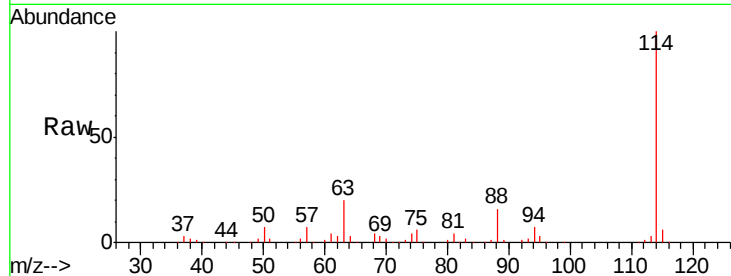




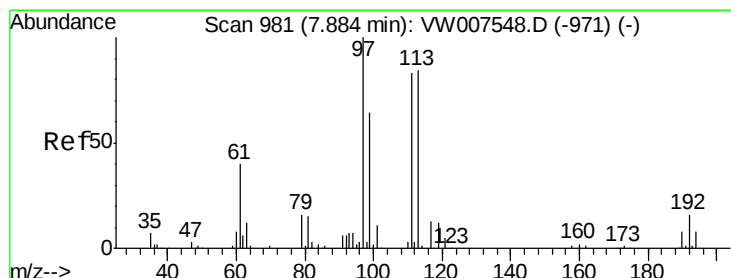
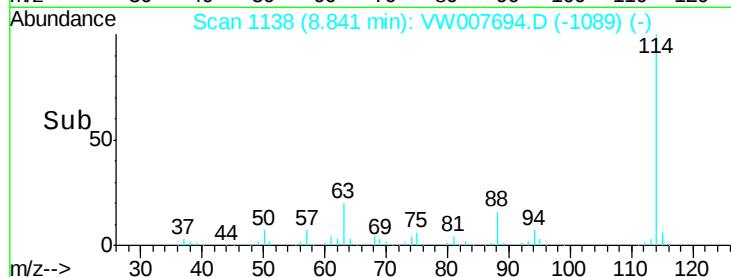
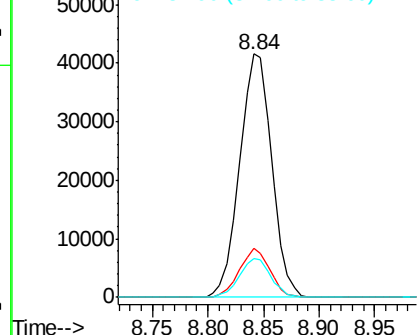
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007694.D
 Acq: 19 Dec 2018 08:51

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS007-1218-01

Tgt Ion:114 Resp: 82959
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.6
 88 15.8 0.0 31.4

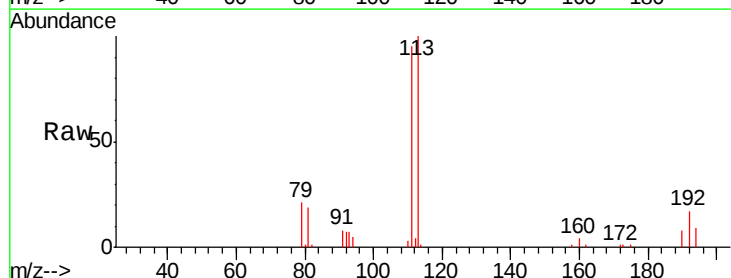


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

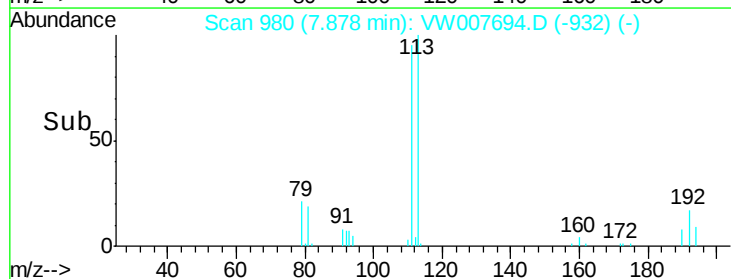
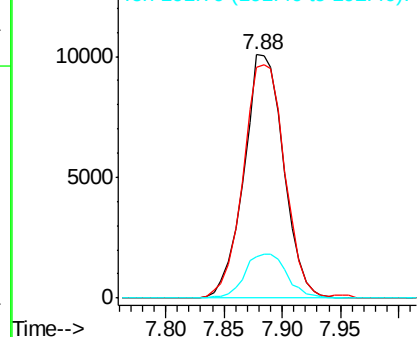


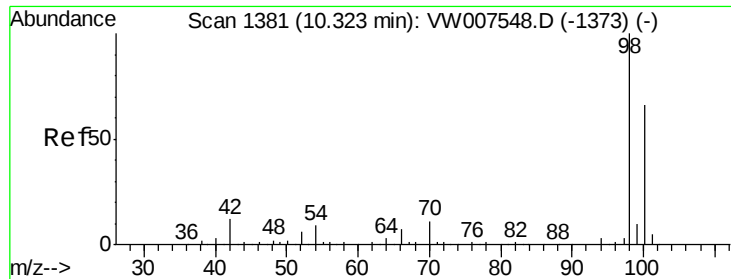
#35
 Dibromofluoromethane
 Concen: 47.702 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW007694.D
 Acq: 19 Dec 2018 08:51

Tgt Ion:113 Resp: 23955
 Ion Ratio Lower Upper
 113 100
 111 100.0 81.1 121.7
 192 19.2 14.6 21.8



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: 35.851 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007694.D

Acq: 19 Dec 2018 08:51

Instrument :

MSVOA_W

ClientSampleId :

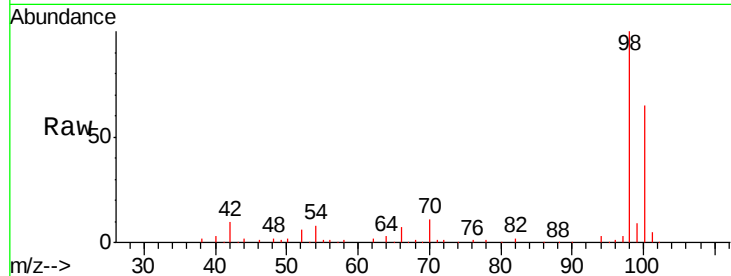
P001-SS007-1218-01

Tgt Ion: 98 Resp: 67505

Ion Ratio Lower Upper

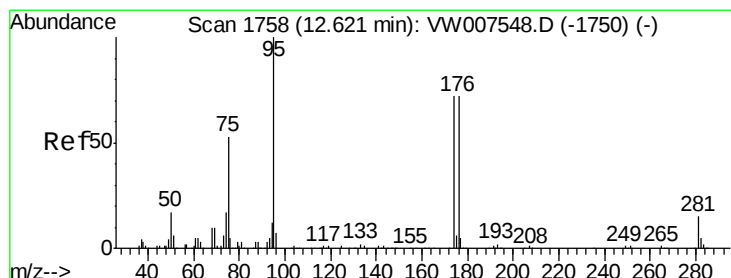
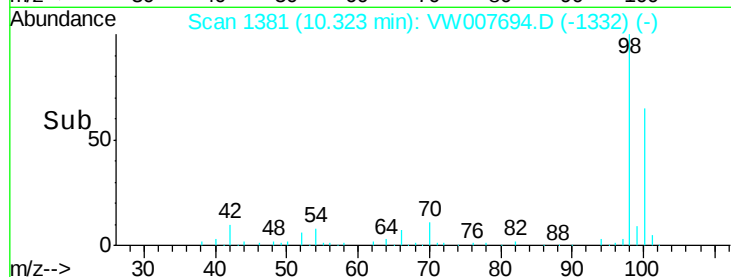
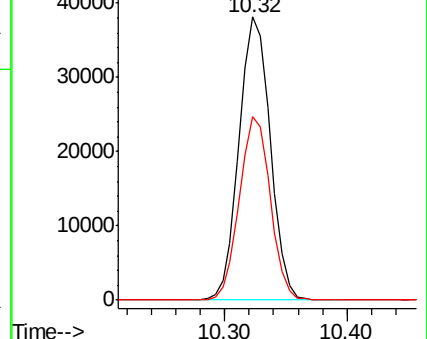
98 100

100 64.0 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 26.737 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007694.D

Acq: 19 Dec 2018 08:51

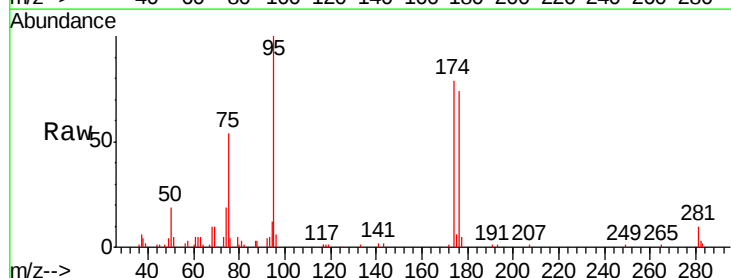
Tgt Ion: 95 Resp: 18510

Ion Ratio Lower Upper

95 100

174 78.0 0.0 147.2

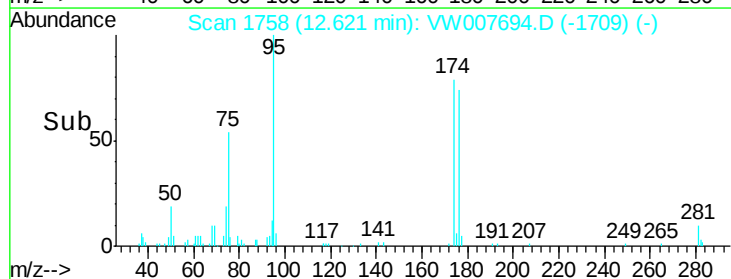
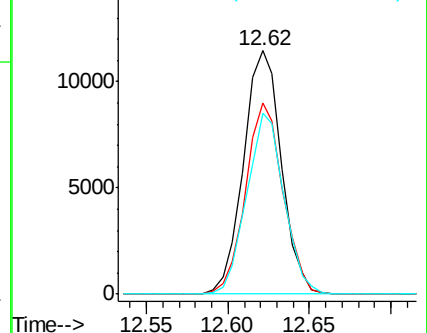
176 73.2 0.0 138.8

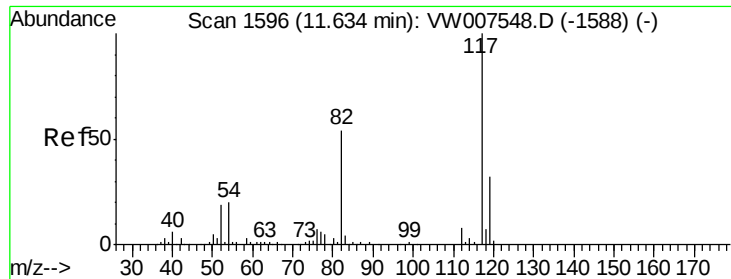


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

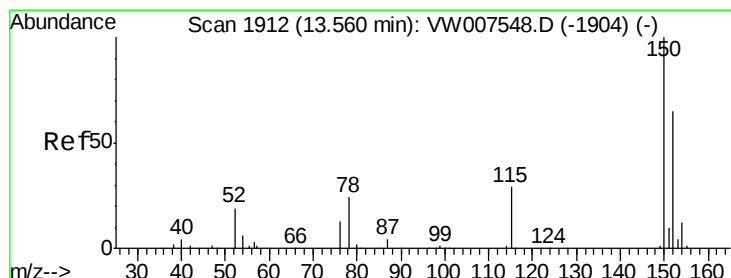
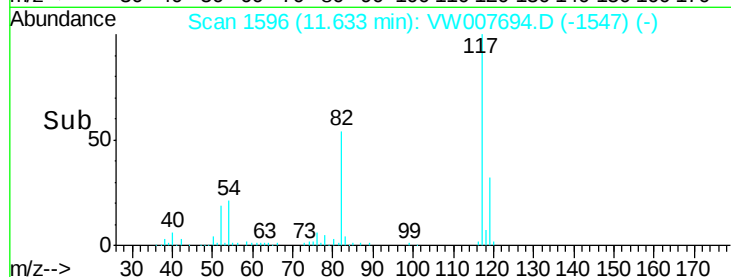
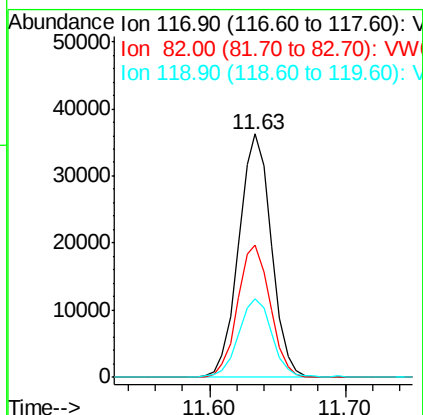
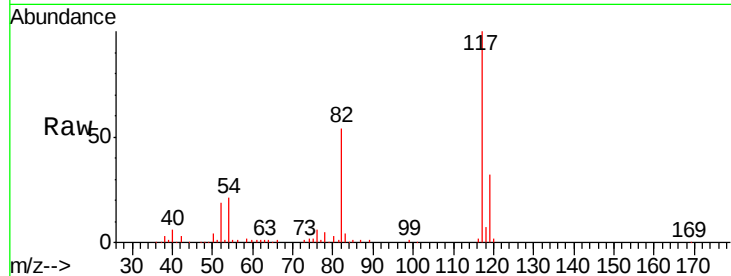




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007694.D
Acq: 19 Dec 2018 08:51

Instrument :
MSVOA_W
ClientSampleId :
P001-SS007-1218-01

Tgt Ion:117 Resp: 60400
Ion Ratio Lower Upper
117 100
82 54.4 42.3 63.5
119 31.8 23.0 34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007694.D
Acq: 19 Dec 2018 08:51

Tgt Ion:152 Resp: 17085
Ion Ratio Lower Upper
152 100
115 60.1 31.4 94.2
150 155.3 0.0 358.4

