

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122118\
 Data File : VW007731.D
 Acq On : 20 Dec 2018 07:15
 Operator : SY/AP
 Sample : J6379-07
 Misc : 5.26G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS004-0612-01

Quant Time: Dec 20 08:12:31 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	77563	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	129542	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	96366	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	31565	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	40277	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	
35) Dibromofluoromethane	7.88	113	35836	45.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.70%	
50) Toluene-d8	10.32	98	113114	37.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.94%	
62) 4-Bromofluorobenzene	12.62	95	33784	29.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	58.70%	

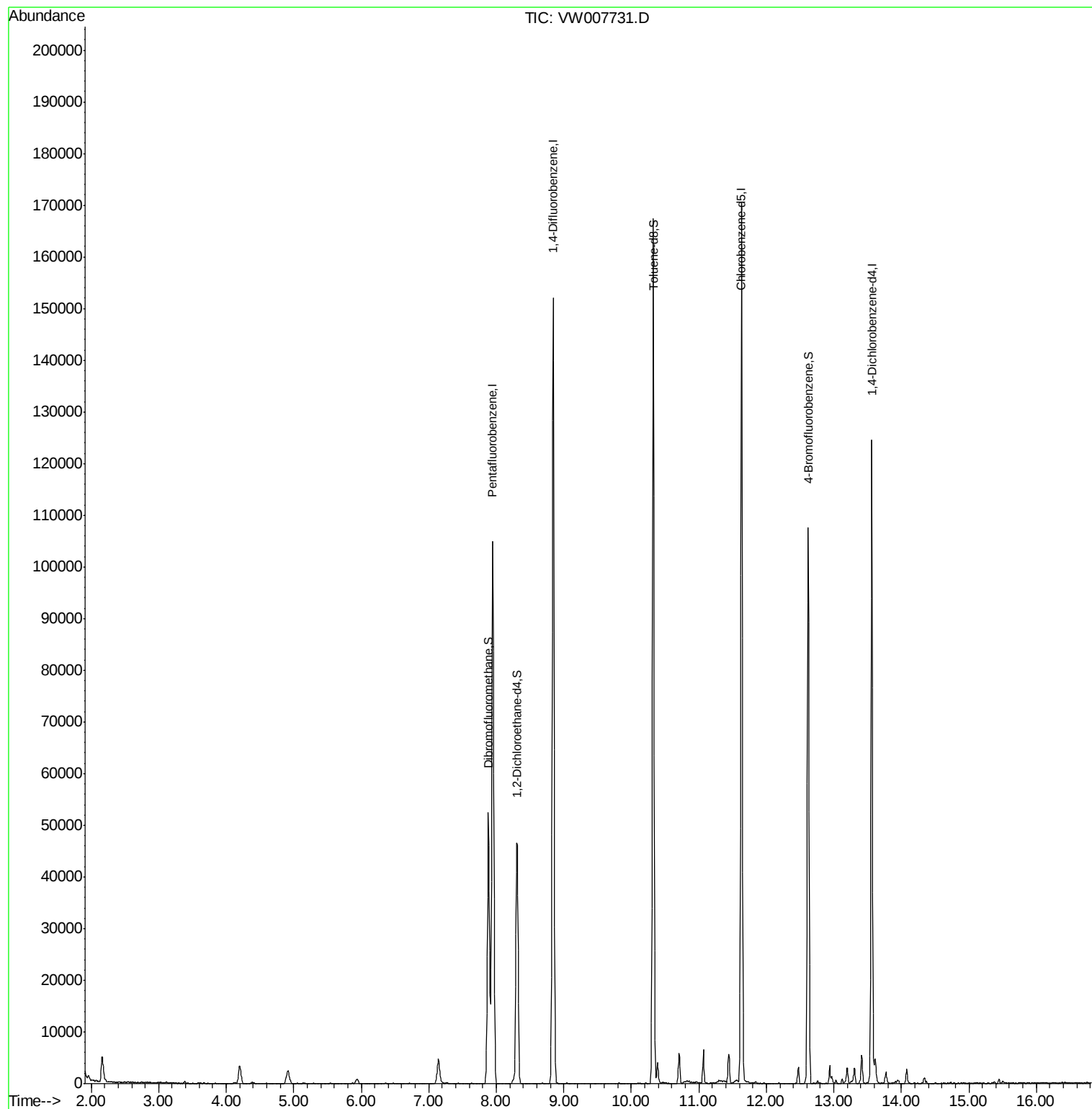
Target Compounds	Qvalue
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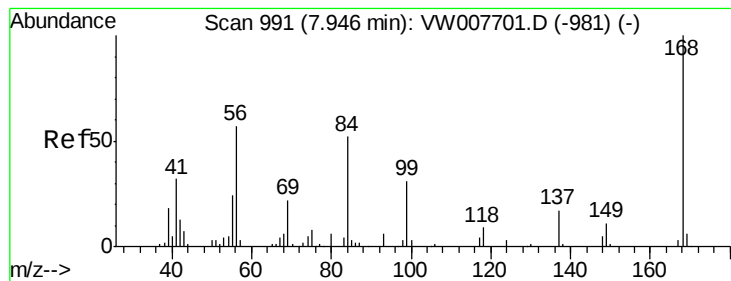
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW007731.D

Acq: 20 Dec 2018 07:15

Instrument :

MSVOA_W

ClientSampleId :

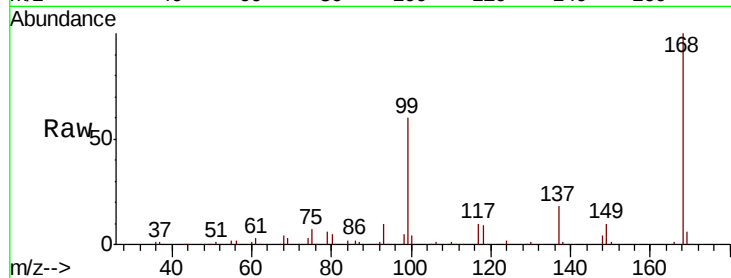
P001-SS004-0612-01

Tot Ion:168 Resp: 77563

Ion Ratio Lower Upper

168 100

99 59.8 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

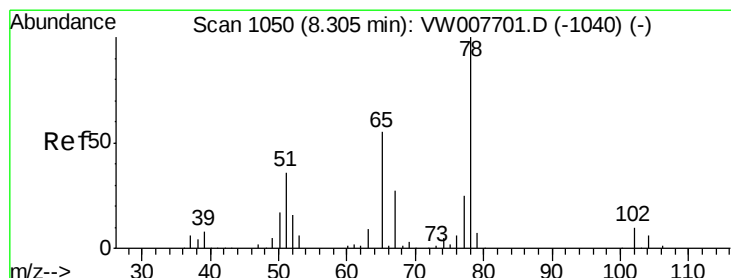
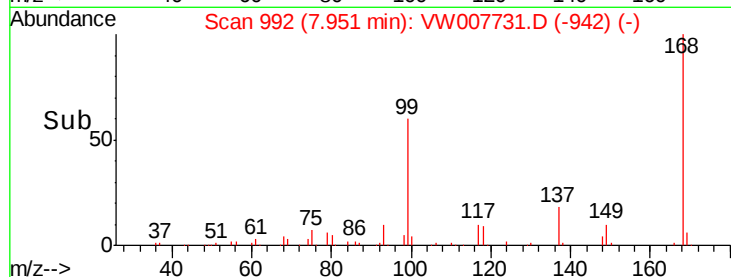
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.378 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VW007731.D

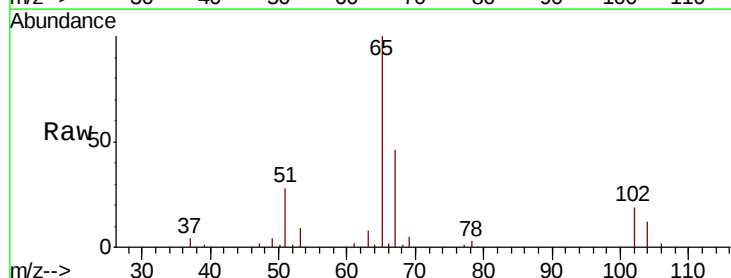
Acq: 20 Dec 2018 07:15

Tgt Ion: 65 Resp: 40277

Ion Ratio Lower Upper

65 100

67 48.5 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

20000

15000

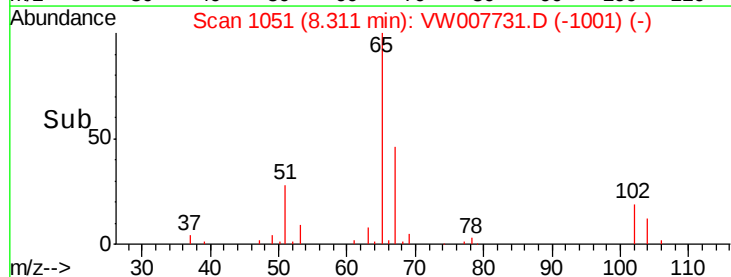
10000

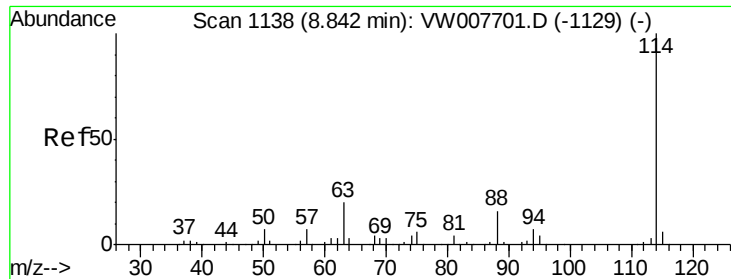
5000

0

8.20 8.25 8.30 8.35 8.40

Time-->

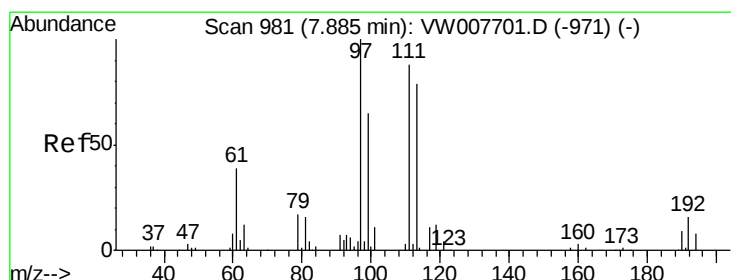
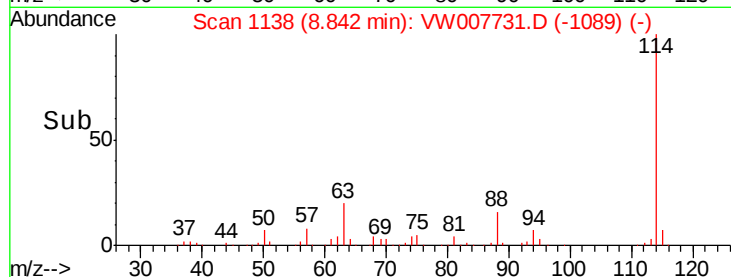
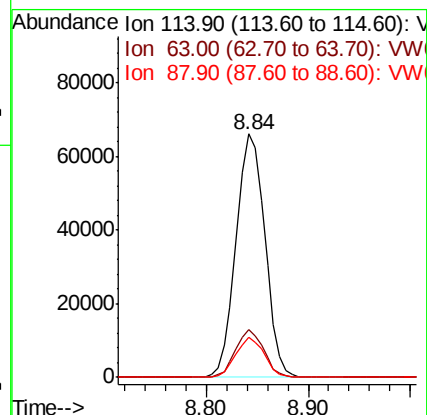
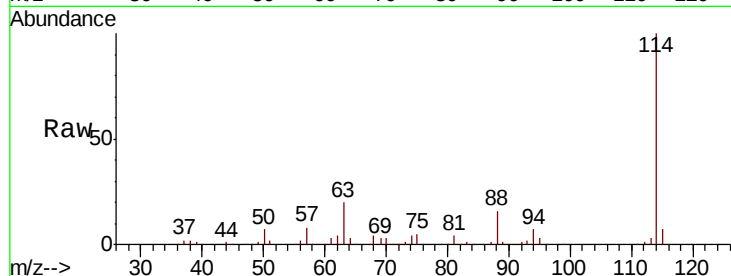




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007731.D
 Acq: 20 Dec 2018 07:15

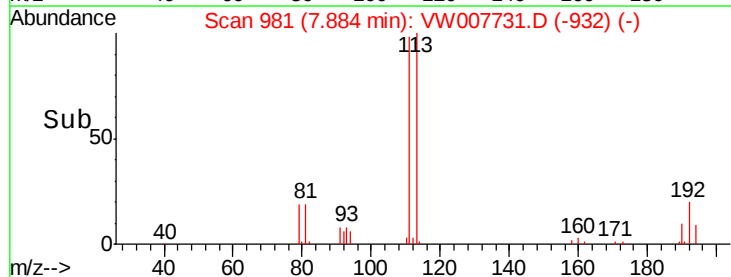
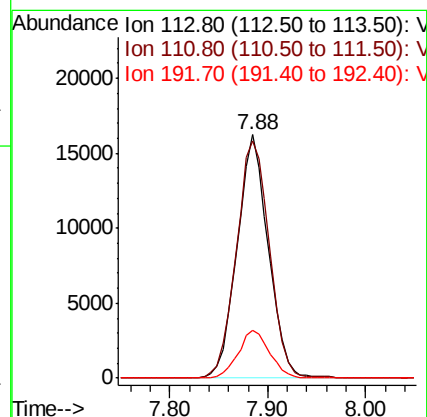
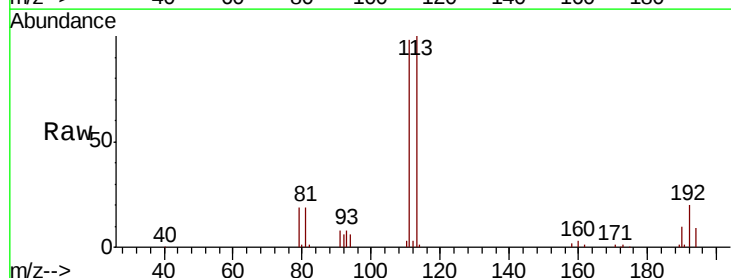
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS004-0612-01

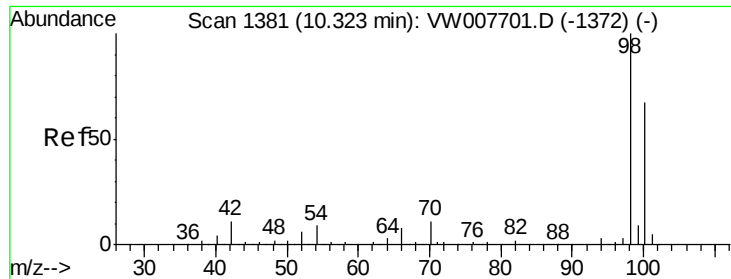
Tot Ion:114 Resp: 129542
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 16.3 0.0 32.6



#35
 Dibromofluoromethane
 Concen: 45.346 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007731.D
 Acq: 20 Dec 2018 07:15

Tgt Ion:113 Resp: 35836
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.6 124.0
 192 19.7 15.5 23.3





#50

Toluene-d8

Concen: 37.968 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007731.D

Acq: 20 Dec 2018 07:15

Instrument :

MSVOA_W

ClientSampleId :

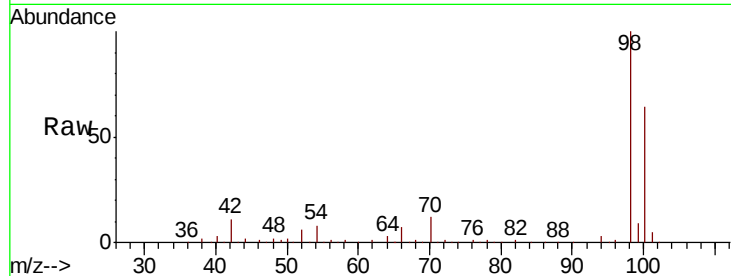
P001-SS004-0612-01

Tot Ion: 98 Resp: 113114

Ion Ratio Lower Upper

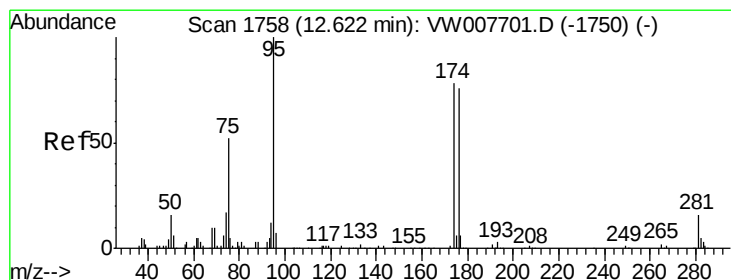
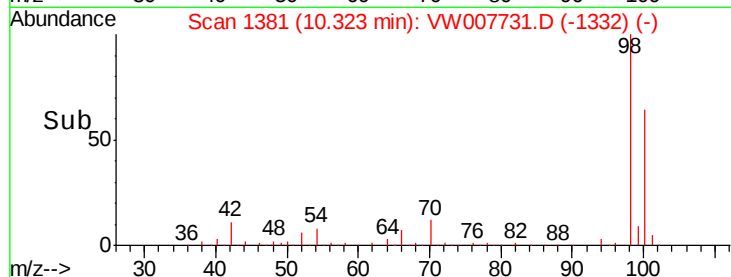
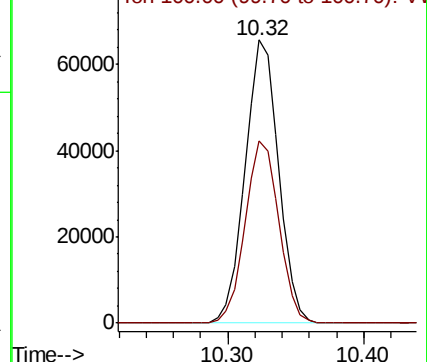
98 100

100 65.0 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: 29.354 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007731.D

Acq: 20 Dec 2018 07:15

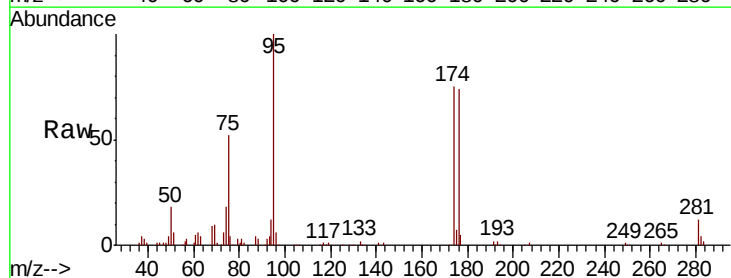
Tgt Ion: 95 Resp: 33784

Ion Ratio Lower Upper

95 100

174 76.9 0.0 152.2

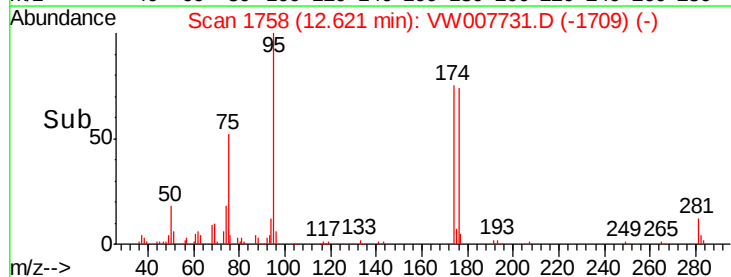
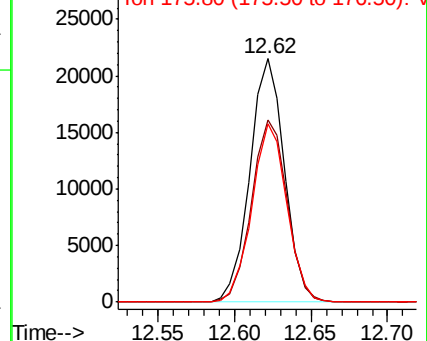
176 74.1 0.0 146.8

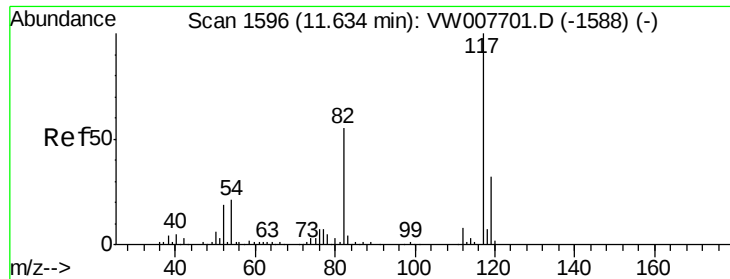


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

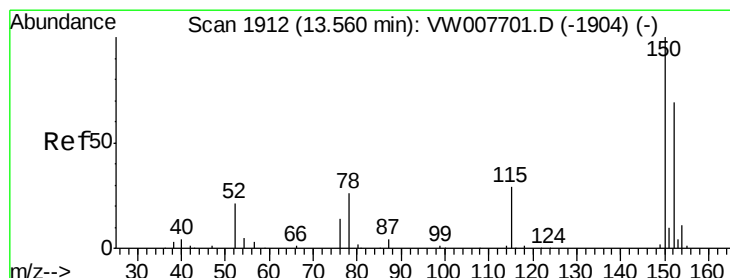
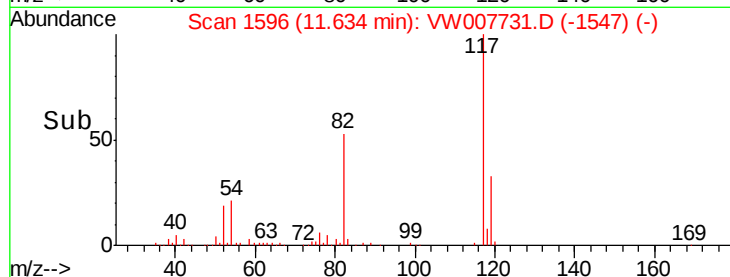
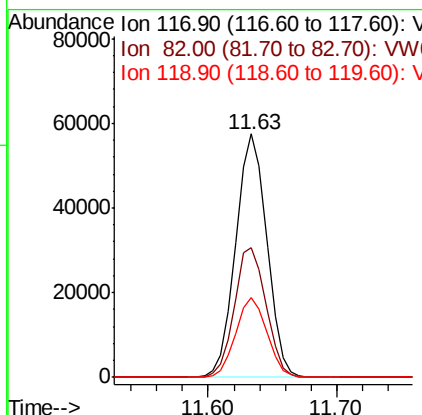
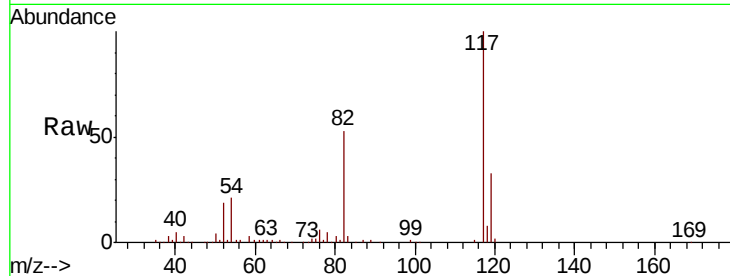




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007731.D
Acq: 20 Dec 2018 07:15

Instrument :
MSVOA_W
ClientSampleId :
P001-SS004-0612-01

Tot Ion:117 Resp: 96366
Ion Ratio Lower Upper
117 100
82 53.1 44.3 66.5
119 32.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007731.D
Acq: 20 Dec 2018 07:15

Tgt Ion:152 Resp: 31565
Ion Ratio Lower Upper
152 100
115 63.6 31.8 95.4
150 160.1 0.0 350.8

