

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110418\
 Data File : VW006608.D
 Acq On : 02 Nov 2018 18:16
 Operator : SY/AP
 Sample : J5724-04
 Misc : 5.03G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RED-SHALE

Quant Time: Nov 03 00:03:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	233966	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	344773	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	310106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	149187	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	90749	45.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.24%	
35) Dibromofluoromethane	7.88	113	92099	42.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.14%	
50) Toluene-d8	10.33	98	319419	38.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.56%	
62) 4-Bromofluorobenzene	12.62	95	105406	35.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.60%	

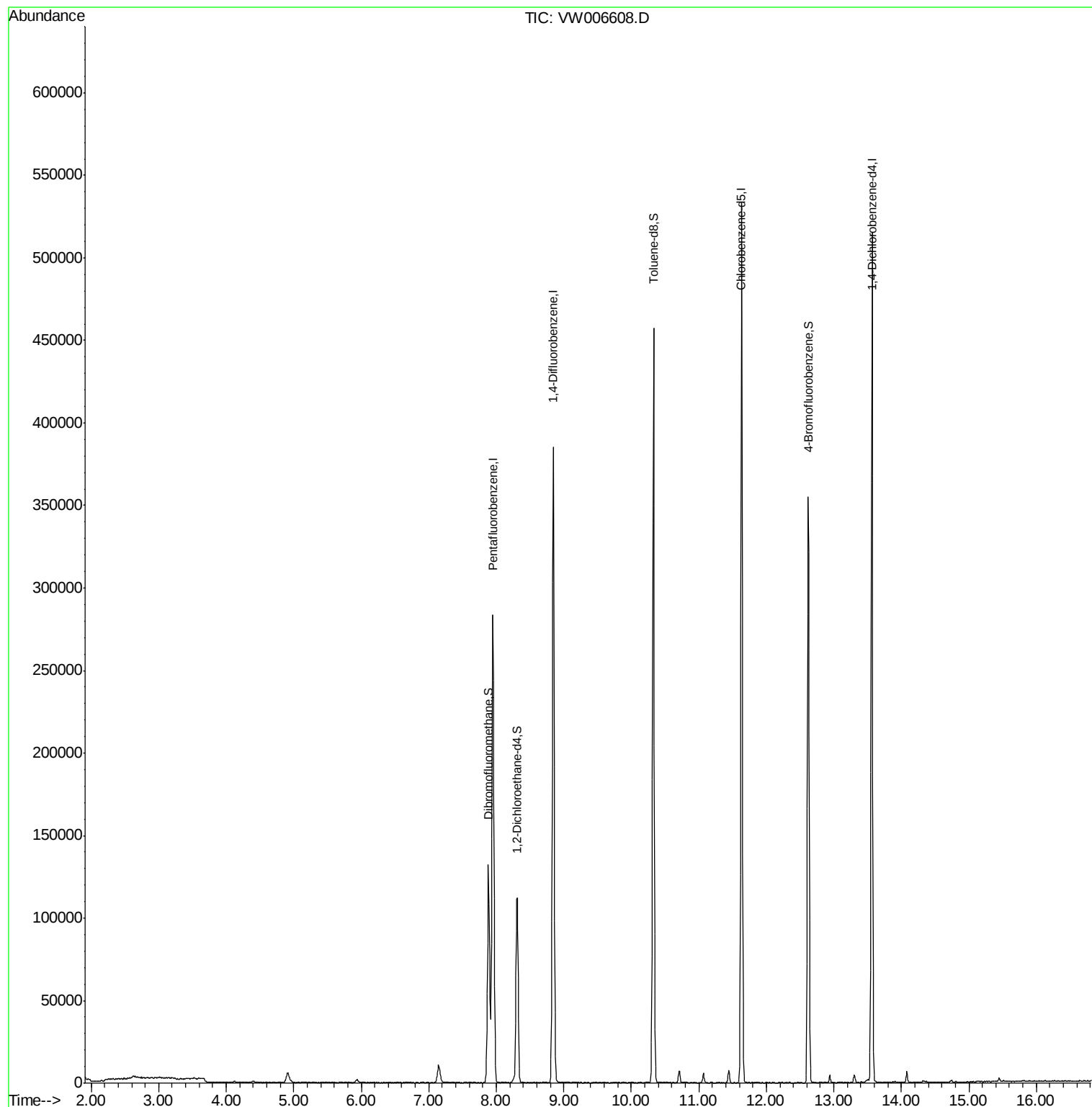
Target Compounds	Qvalue

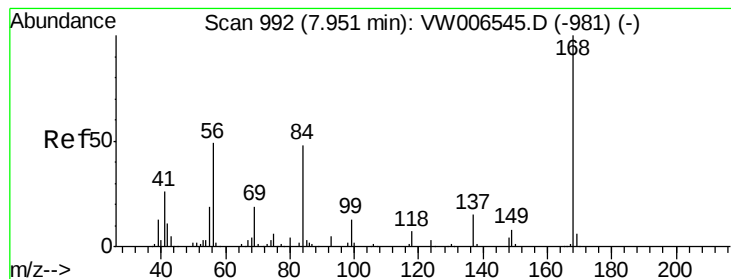
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006608.D

Acq: 02 Nov 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

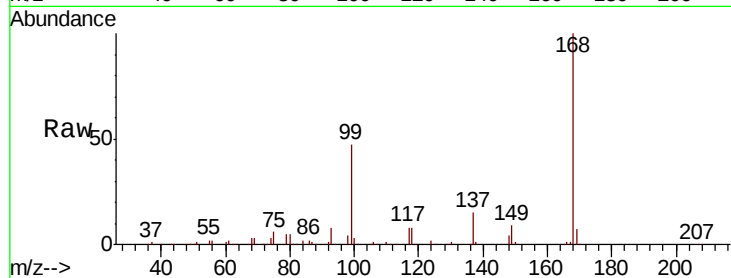
RED-SHALE

Tot Ion:168 Resp: 233966

Ion Ratio Lower Upper

168 100

99 47.2 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

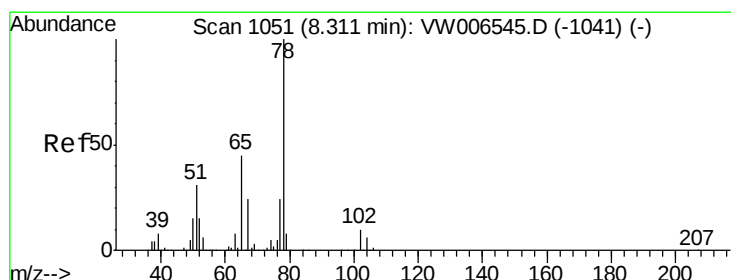
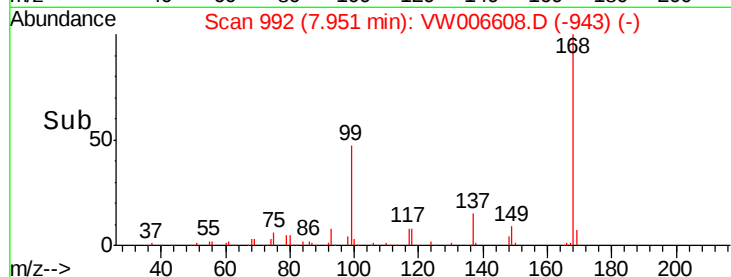
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.123 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006608.D

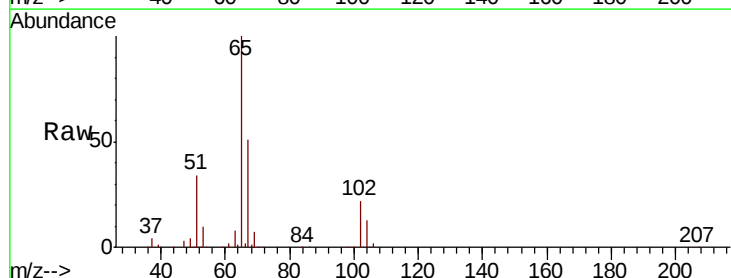
Acq: 02 Nov 2018 18:16

Tgt Ion: 65 Resp: 90749

Ion Ratio Lower Upper

65 100

67 51.2 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

40000

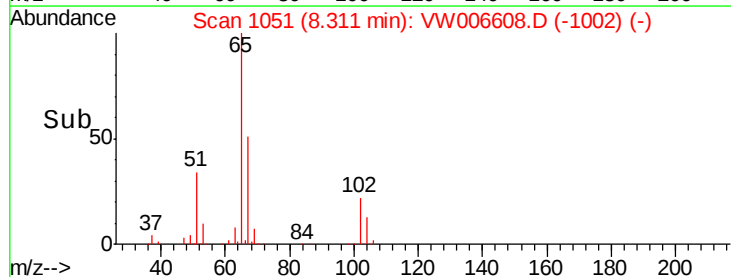
30000

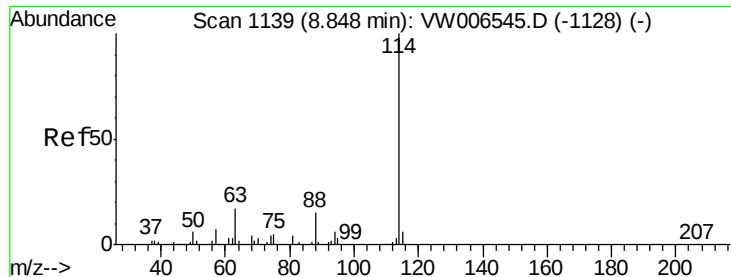
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW006608.D

Acq: 02 Nov 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

RED-SHALE

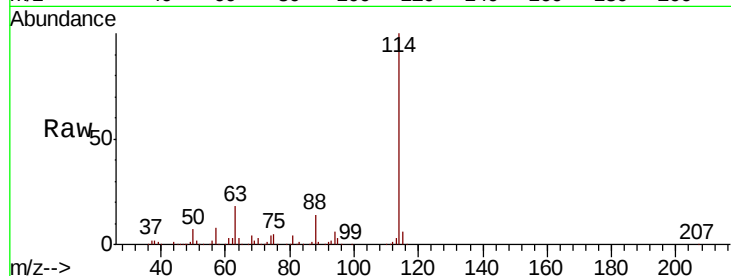
Tot Ion:114 Resp: 344773

Ion Ratio Lower Upper

114 100

63 18.5 0.0 34.4

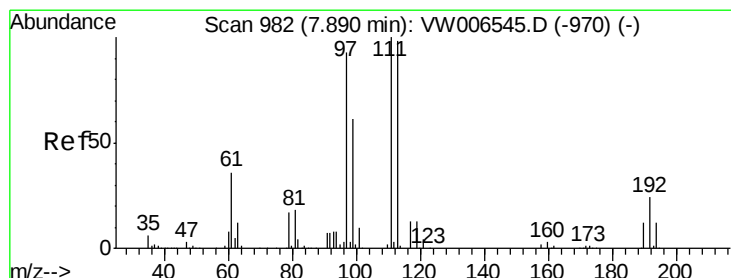
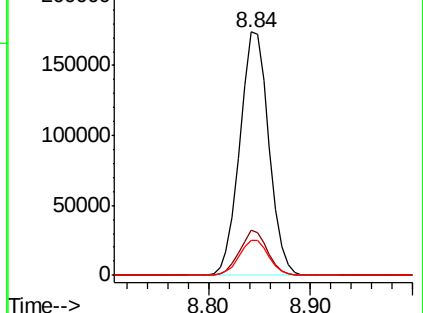
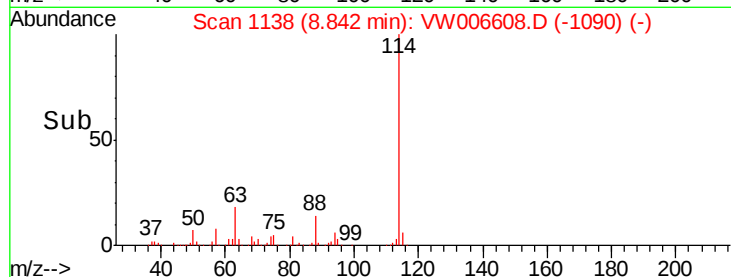
88 14.4 0.0 29.0



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: 42.565 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006608.D

Acq: 02 Nov 2018 18:16

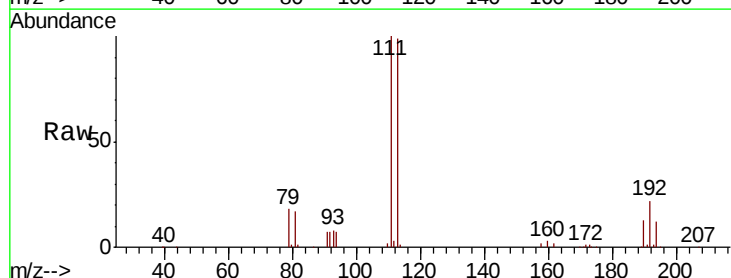
Tgt Ion:113 Resp: 92099

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.2

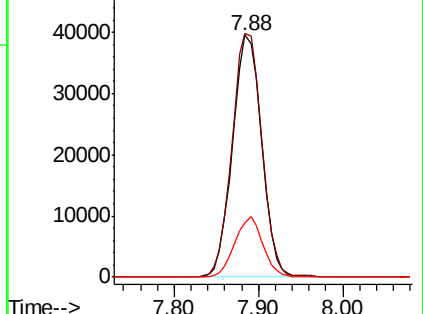
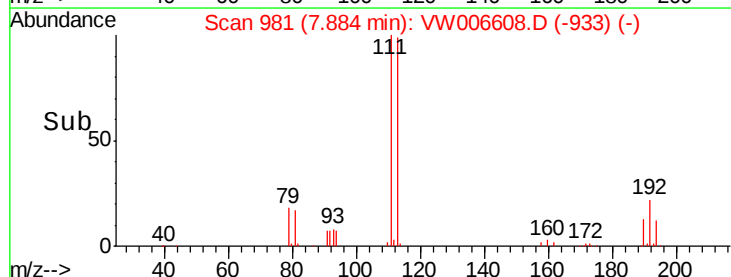
192 23.6 19.0 28.6

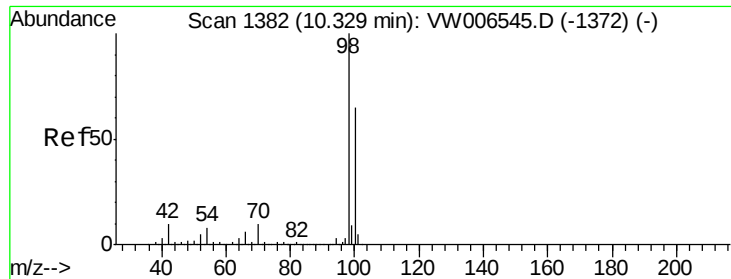


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 38.779 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006608.D

Acq: 02 Nov 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

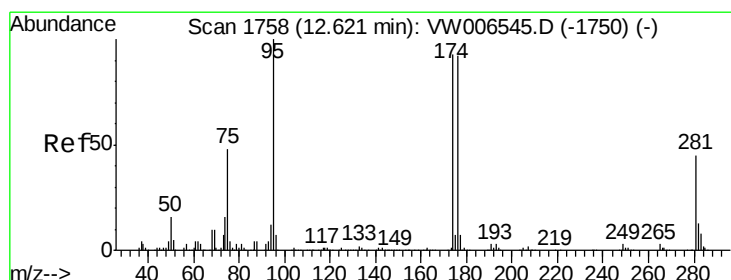
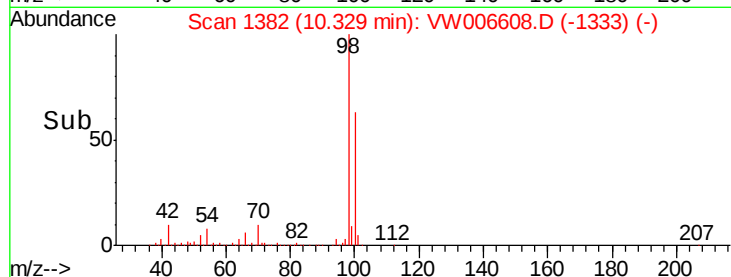
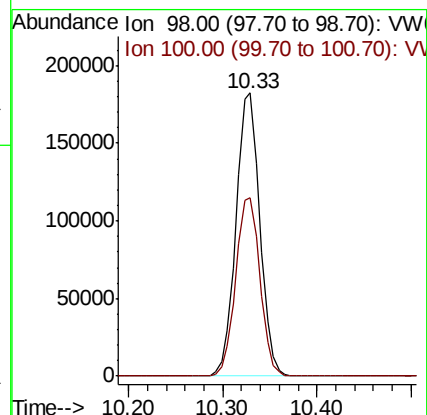
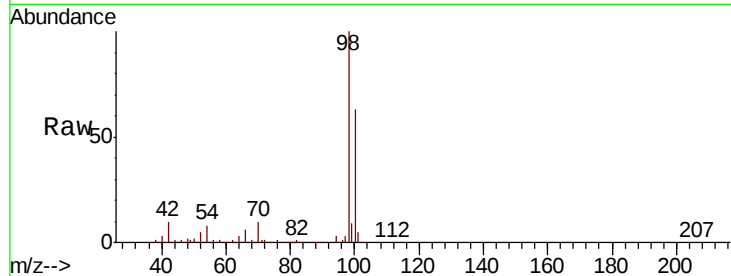
RED-SHALE

Tot Ion: 98 Resp: 319419

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 35.298 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006608.D

Acq: 02 Nov 2018 18:16

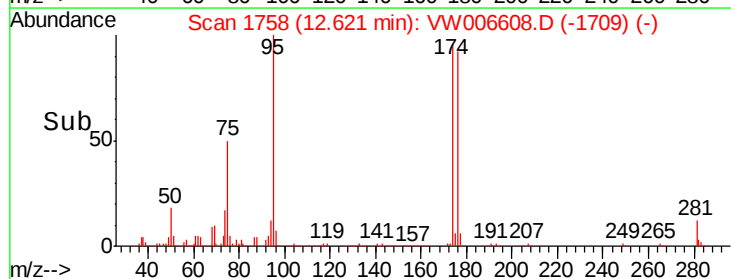
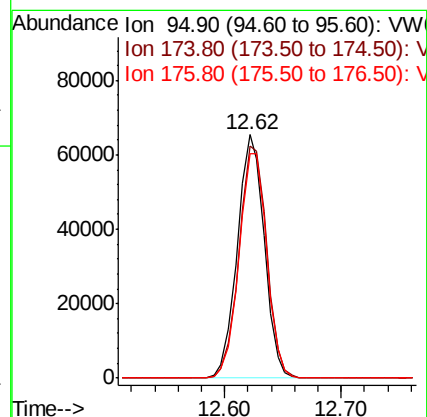
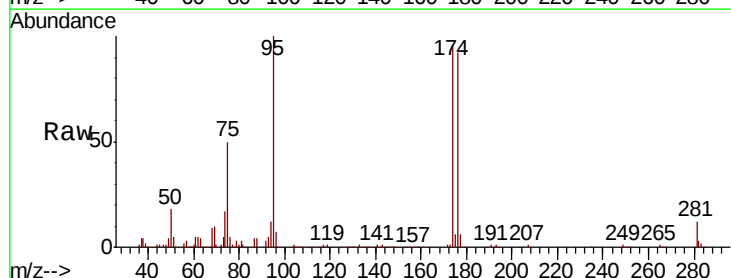
Tgt Ion: 95 Resp: 105406

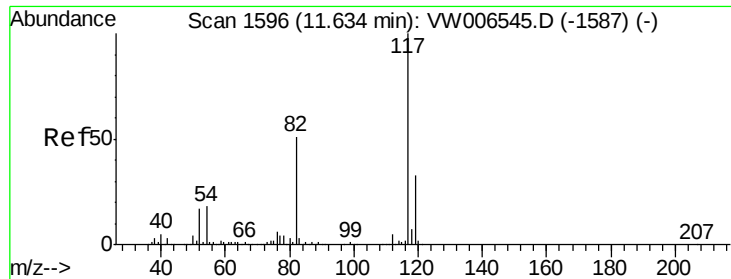
Ion Ratio Lower Upper

95 100

174 98.3 0.0 192.4

176 95.4 0.0 187.4

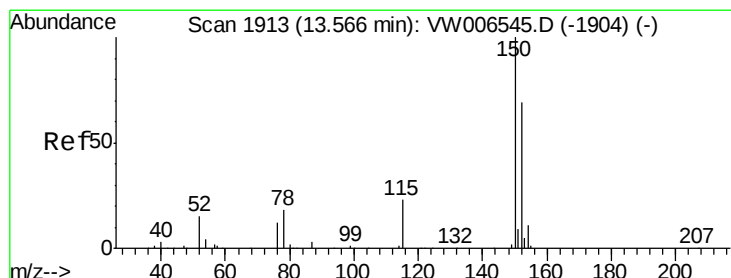
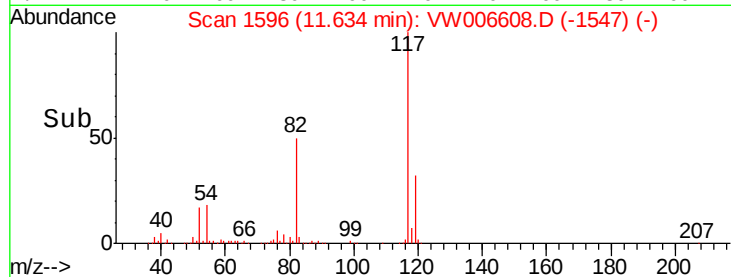
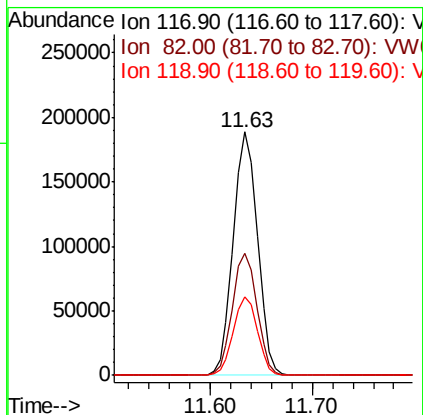
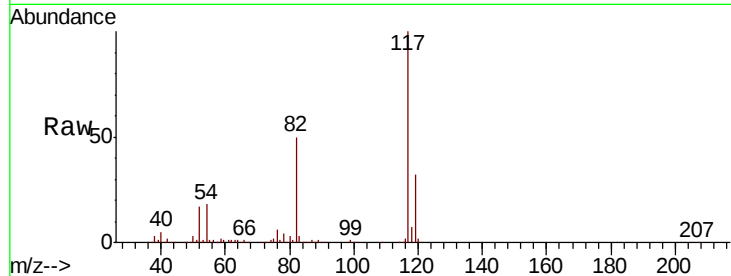




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006608.D
Acq: 02 Nov 2018 18:16

Instrument :
MSVOA_W
ClientSampleId :
RED-SHALE

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.2	40.8	61.2
119	32.4	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006608.D
Acq: 02 Nov 2018 18:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.5	26.6	79.8
150	155.6	0.0	344.6

