

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007540.D
 Acq On : 14 Dec 2018 17:18
 Operator : SY/AP
 Sample : J6357-07RE
 Misc : 3.03G/5ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-08BRE

Quant Time: Dec 15 01:18:30 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	60007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	87120	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	57083	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	12987	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	40852	61.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.72%	
35) Dibromofluoromethane	7.88	113	38107	72.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	144.52%	
50) Toluene-d8	10.32	98	95276	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
62) 4-Bromofluorobenzene	12.62	95	18357	25.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	50.50%	

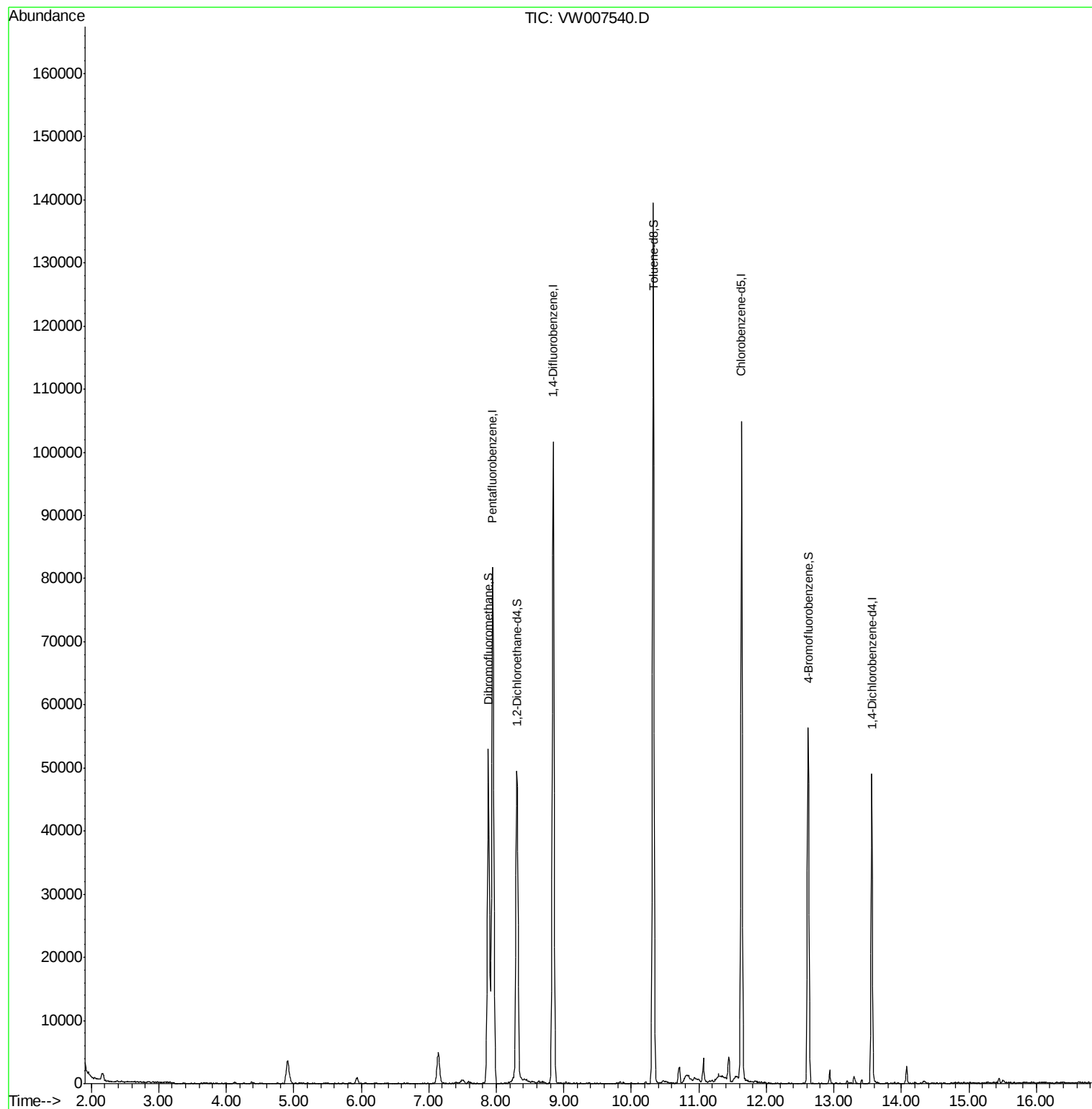
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW007540.D

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MSVOA_W

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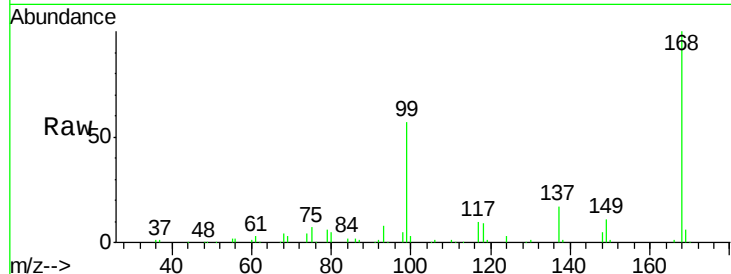
SB-08BRE

Tgt Ion:168 Resp: 60007

Ion Ratio Lower Upper

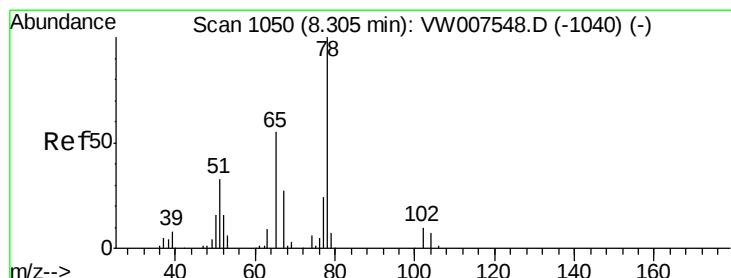
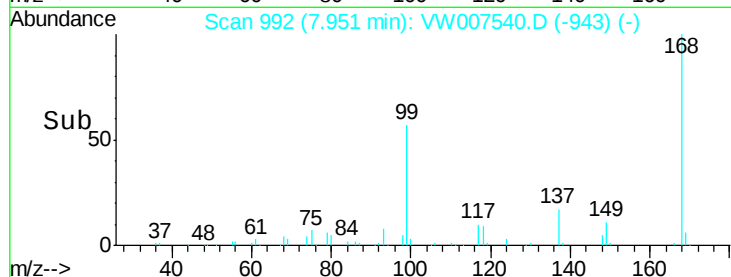
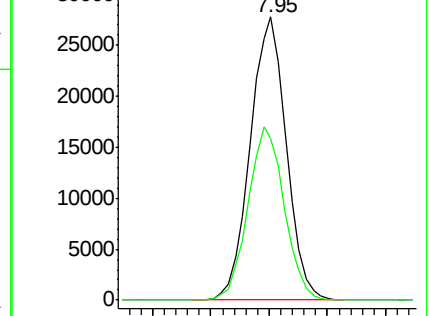
168 100

99 57.2 48.3 72.5



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: 61.364 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007540.D

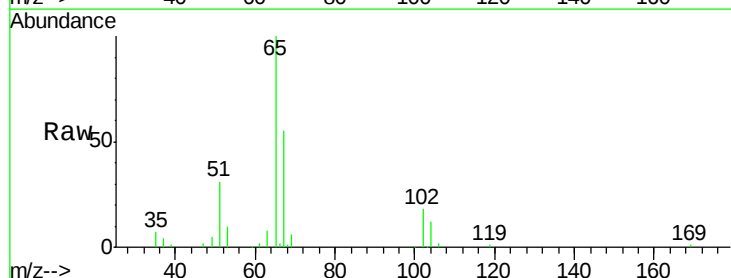
Acq: 14 Dec 2018 17:18

Tgt Ion: 65 Resp: 40852

Ion Ratio Lower Upper

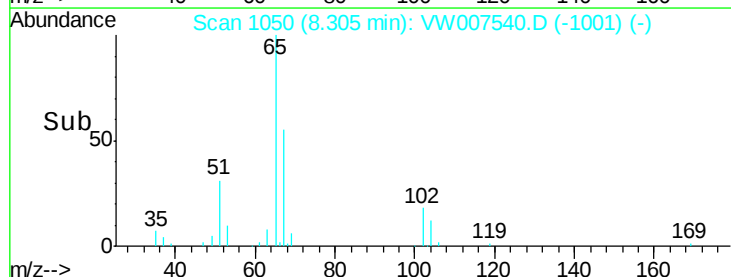
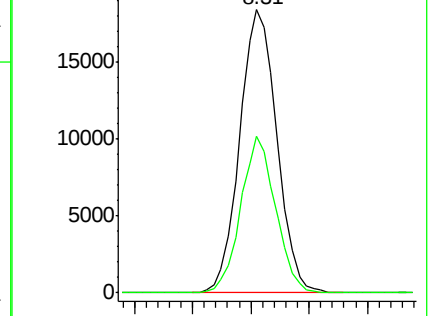
65 100

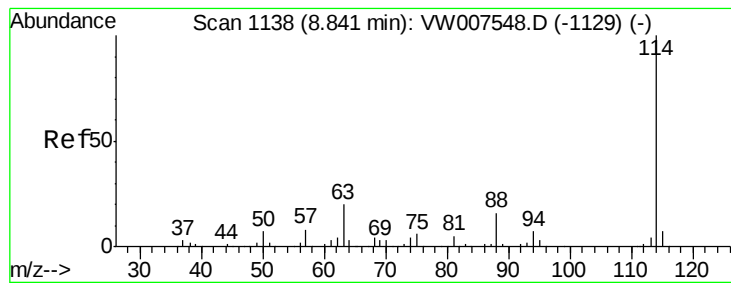
67 51.9 0.0 101.6



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: VW007540.D

Acq: 14 Dec 2018 17:18

Instrument :

MSVOA_W

ClientSampleId :

SB-08BRE

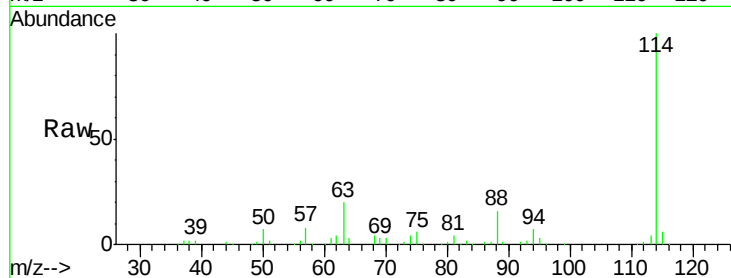
Tgt Ion:114 Resp: 87120

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

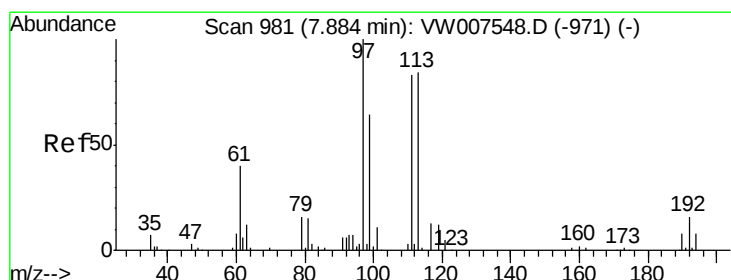
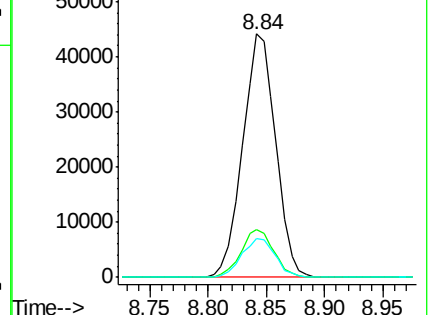
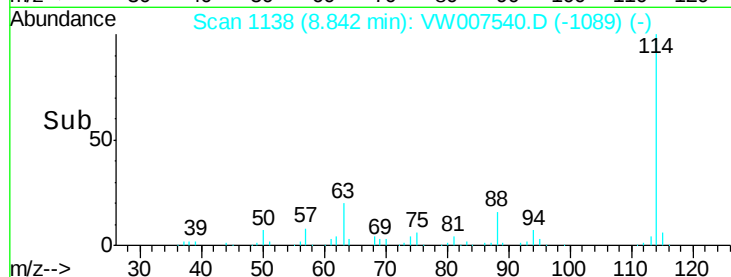
88 16.0 0.0 31.4



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: 72.258 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007540.D

Acq: 14 Dec 2018 17:18

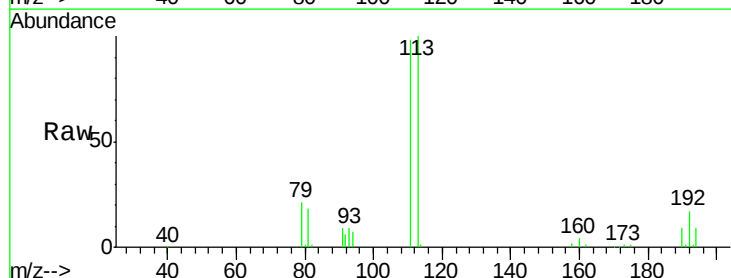
Tgt Ion:113 Resp: 38107

Ion Ratio Lower Upper

113 100

111 102.2 81.1 121.7

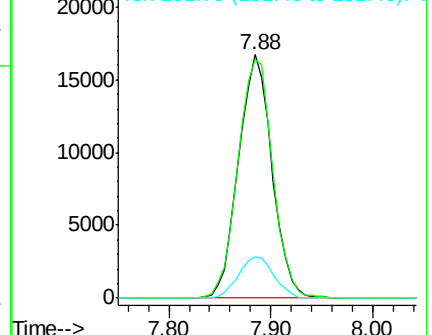
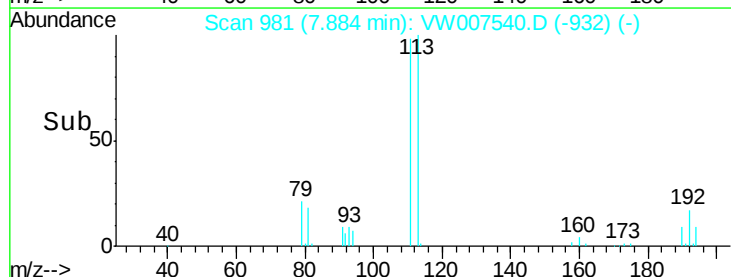
192 17.8 14.6 21.8

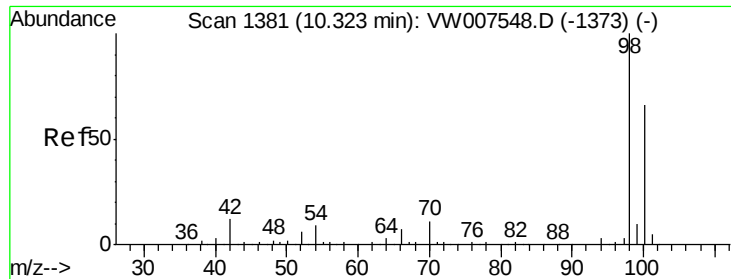


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.184 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007540.D

Acq: 14 Dec 2018 17:18

Instrument :

MSVOA_W

ClientSampleId :

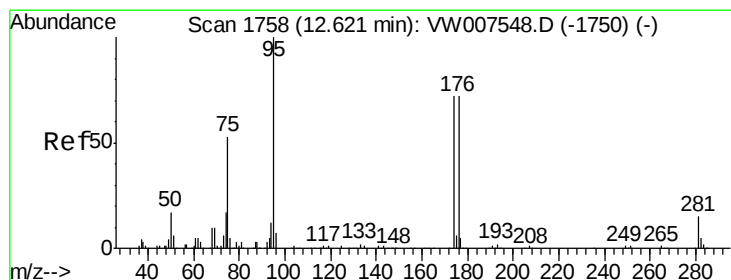
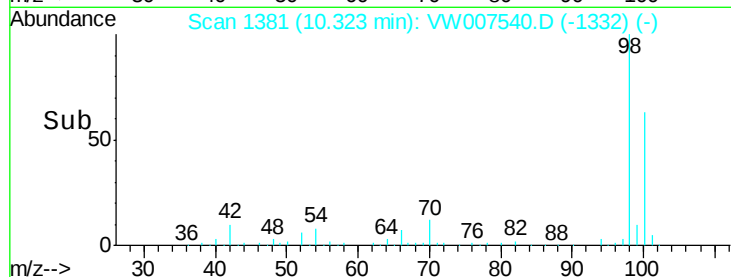
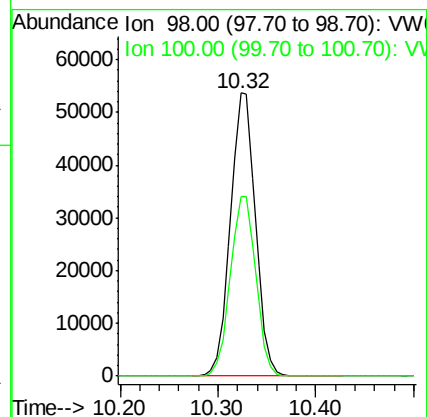
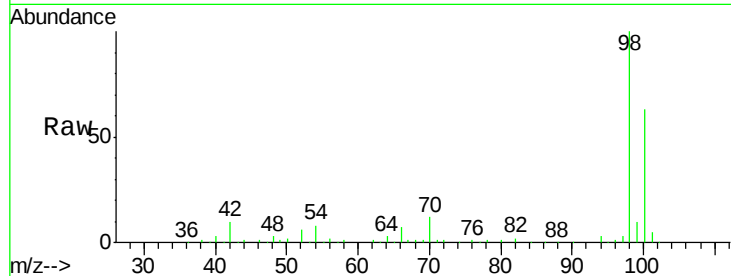
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Tgt Ion: 98 Resp: 95276

Ion Ratio Lower Upper

98 100

100 64.5 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 25.250 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007540.D

Acq: 14 Dec 2018 17:18

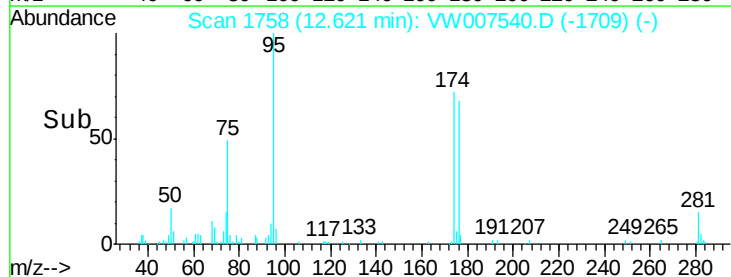
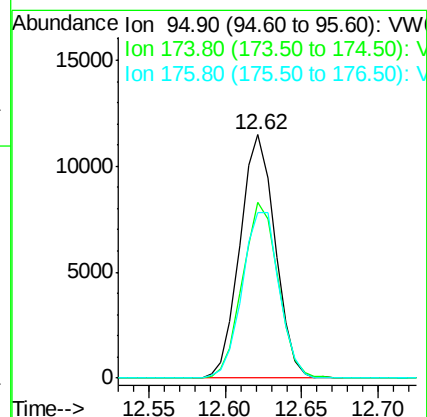
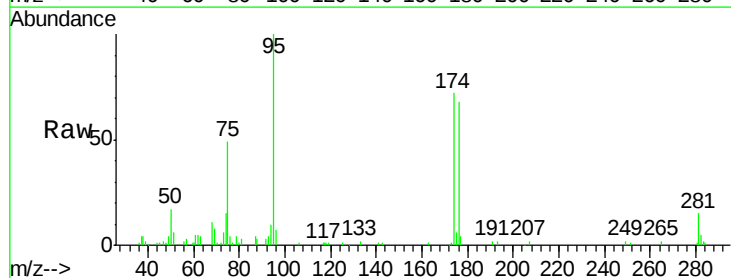
Tgt Ion: 95 Resp: 18357

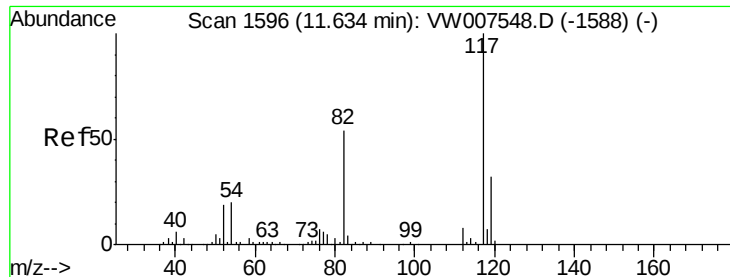
Ion Ratio Lower Upper

95 100

174 73.4 0.0 147.2

176 71.2 0.0 138.8

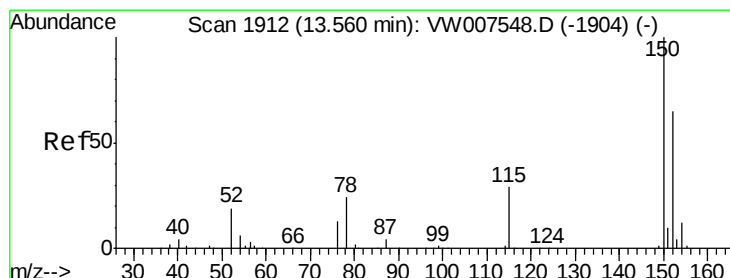
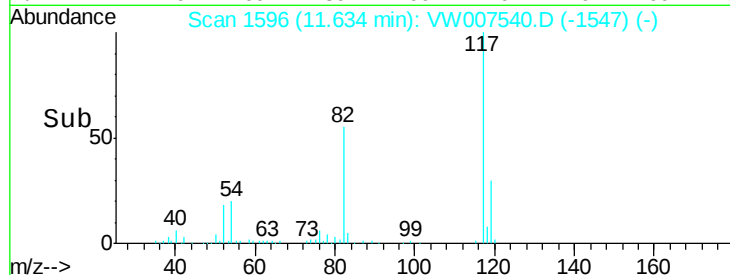
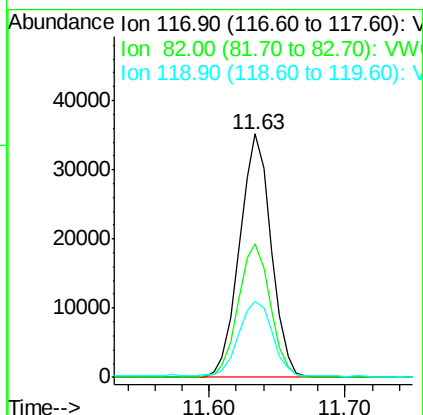
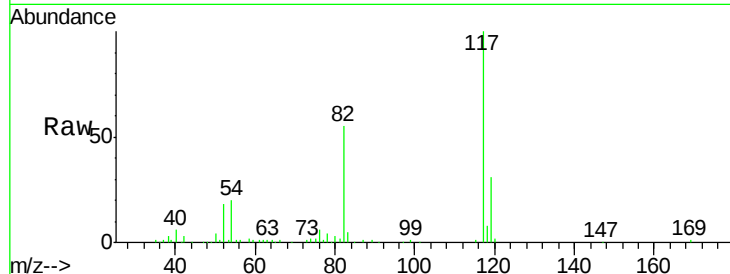




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007540.D
Acq: 14 Dec 2018 17:18

Instrument :
MSVOA_W
ClientSampleId :
SB-08BRE

Tgt Ion:117 Resp: 57083
Ion Ratio Lower Upper
117 100
82 55.0 42.3 63.5
119 30.5 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: VW007540.D
Acq: 14 Dec 2018 17:18

Tgt Ion:152 Resp: 12987
Ion Ratio Lower Upper
152 100
115 62.6 31.4 94.2
150 158.1 0.0 358.4

