

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007549.D
 Acq On : 14 Dec 2018 23:20
 Operator : SY/AP
 Sample : VW1217SBL02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBL02

Quant Time: Dec 15 03:49:52 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	72357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	123791	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	109787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	52966	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	40795	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
35) Dibromofluoromethane	7.88	113	36958	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
50) Toluene-d8	10.32	98	141188	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
62) 4-Bromofluorobenzene	12.62	95	52762	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	

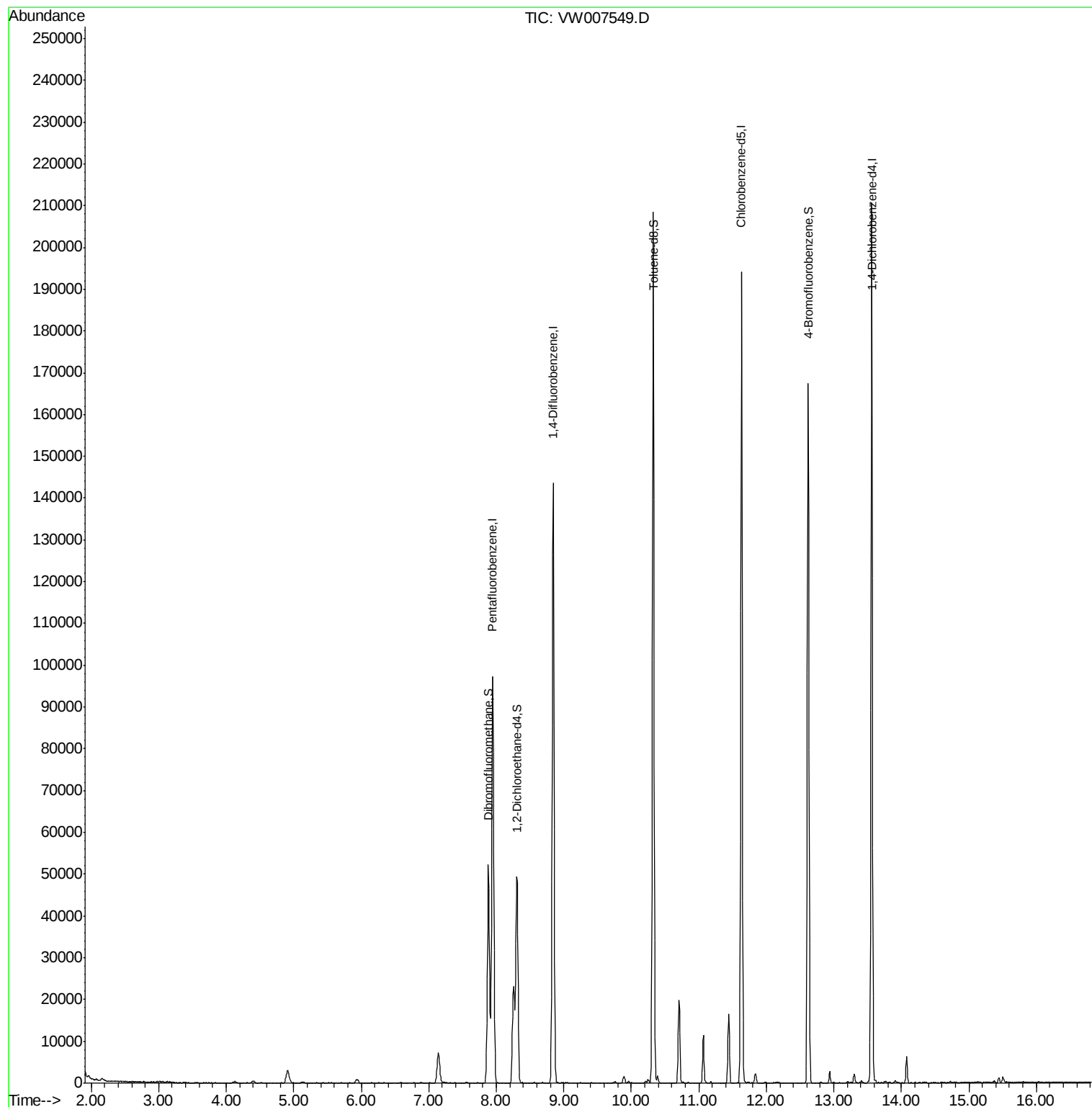
Target Compounds	Qvalue

(#) = 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# 991

Delta R.T. -0.01 min

Lab File: VW007549.D

Acq: 14 Dec 2018 23:20

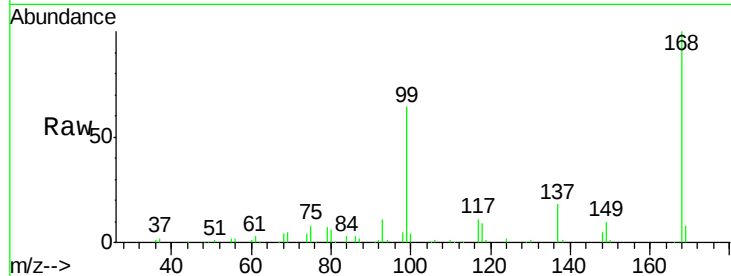
Instrument :
MSVOA_W
ClientSampleId :
VW1217SBL02

Tgt Ion:168 Resp: 72357

Ion Ratio Lower Upper

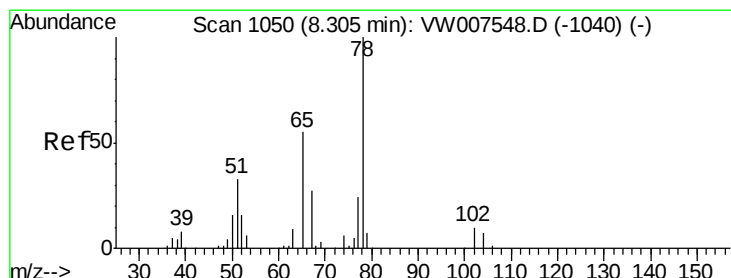
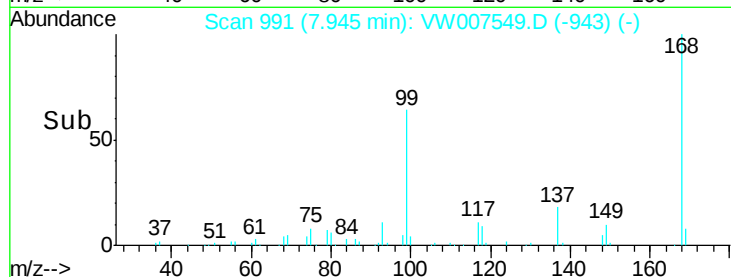
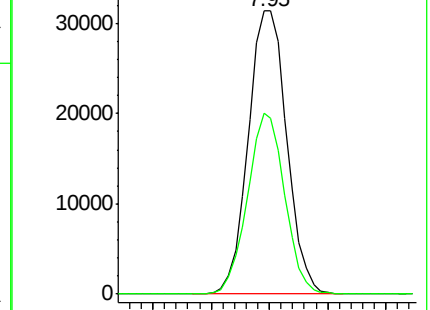
168 100

99 63.9 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: 50.820 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007549.D

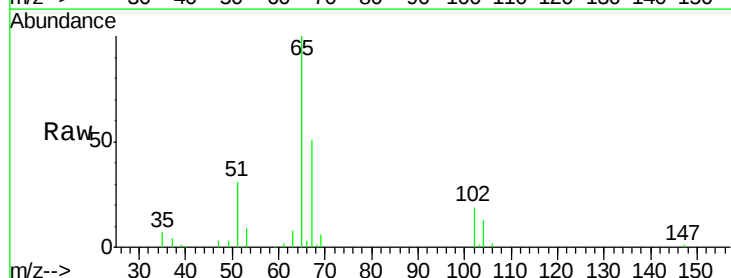
Acq: 14 Dec 2018 23:20

Tgt Ion: 65 Resp: 40795

Ion Ratio Lower Upper

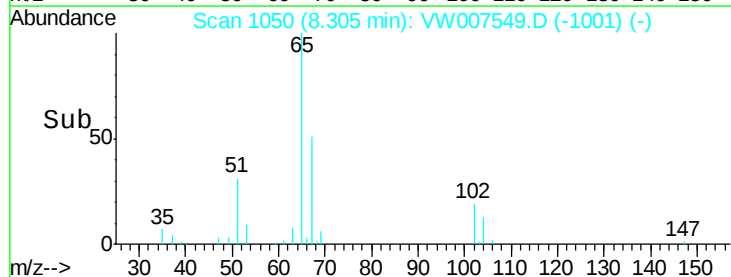
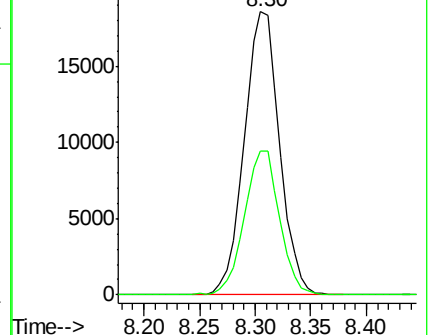
65 100

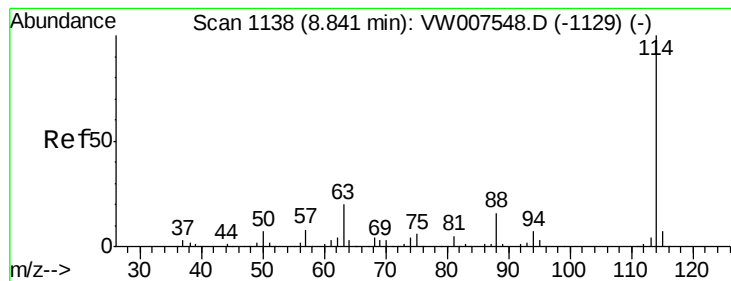
67 50.9 0.0 101.6



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: VW007549.D

Acq: 14 Dec 2018 23:20

Instrument :

MSVOA_W

ClientSampleId :

VW1217SBL02

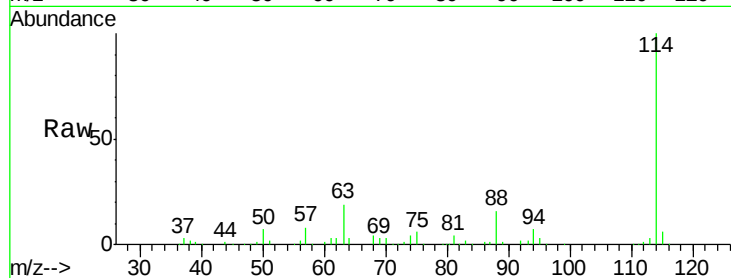
Tgt Ion:114 Resp: 123791

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.6

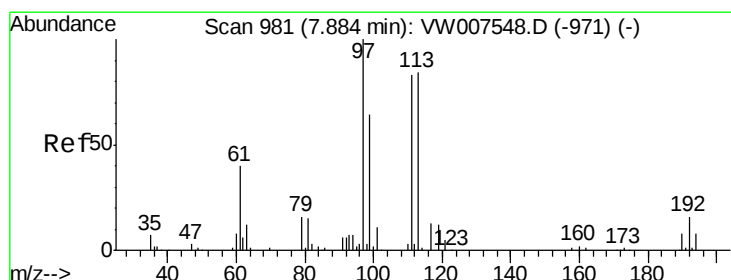
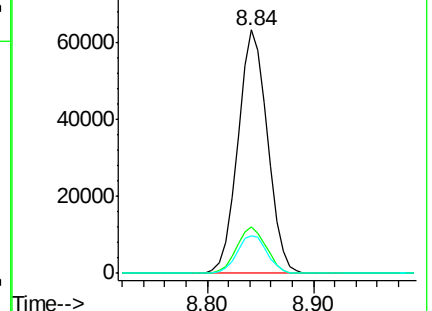
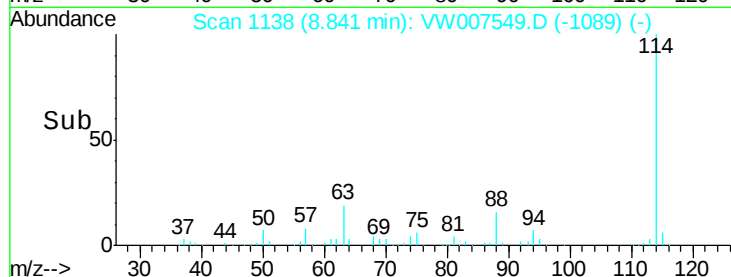
88 15.7 0.0 31.4



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: 49.320 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007549.D

Acq: 14 Dec 2018 23:20

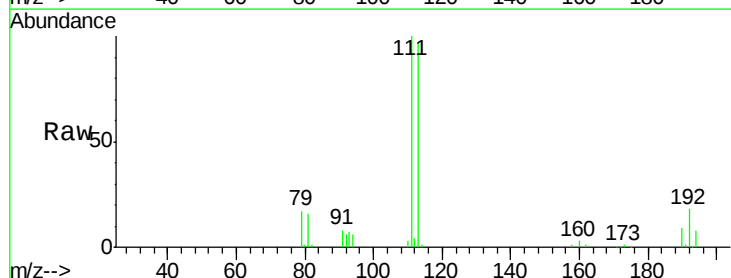
Tgt Ion:113 Resp: 36958

Ion Ratio Lower Upper

113 100

111 101.7 81.1 121.7

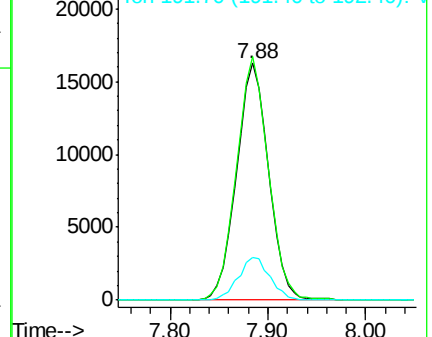
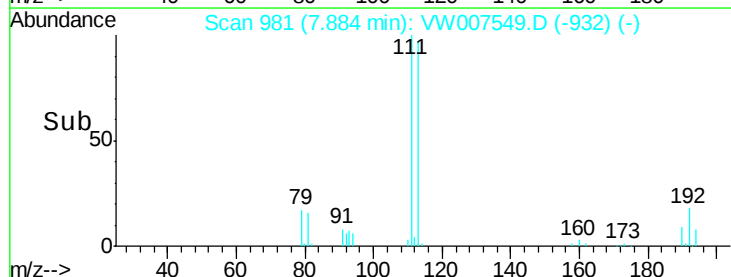
192 17.7 14.6 21.8

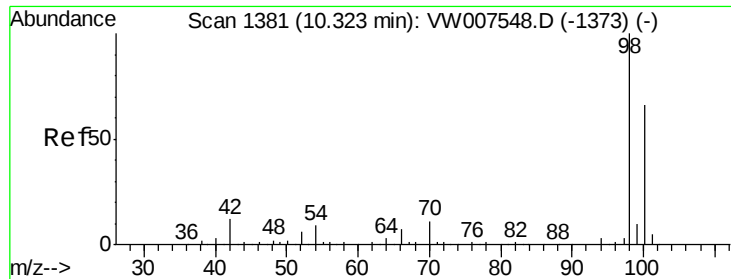


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.251 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007549.D

Acq: 14 Dec 2018 23:20

Instrument :

MSVOA_W

ClientSampleId :

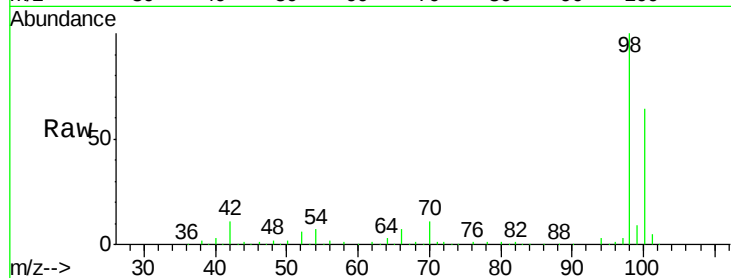
VW1217SBL02

Tgt Ion: 98 Resp: 141188

Ion Ratio Lower Upper

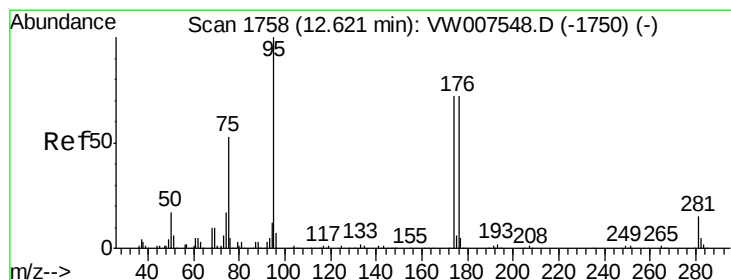
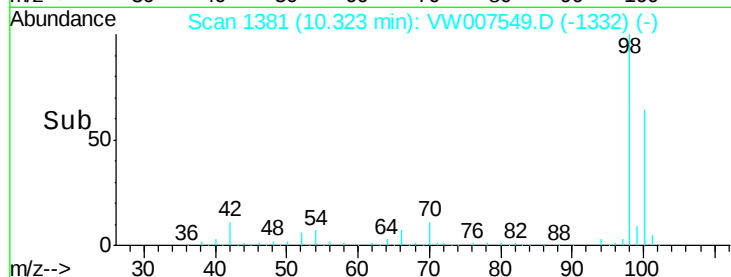
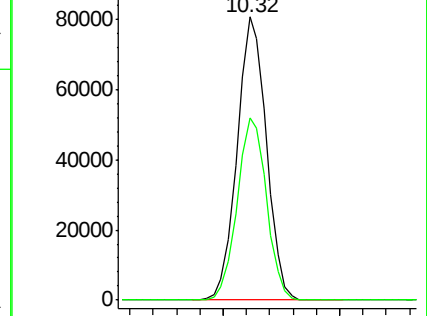
98 100

100 64.4 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: 51.074 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007549.D

Acq: 14 Dec 2018 23:20

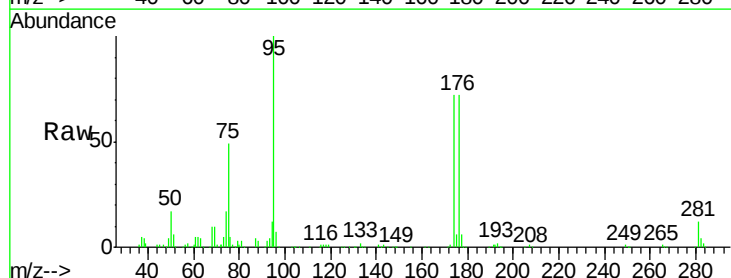
Tgt Ion: 95 Resp: 52762

Ion Ratio Lower Upper

95 100

174 75.1 0.0 147.2

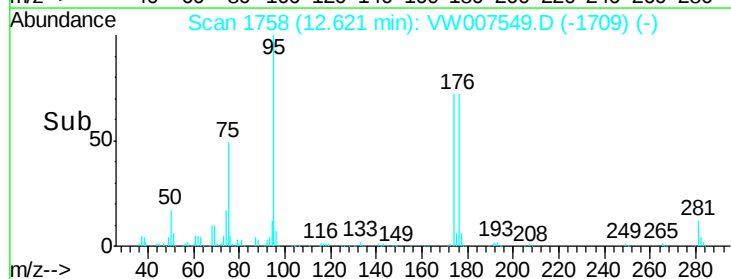
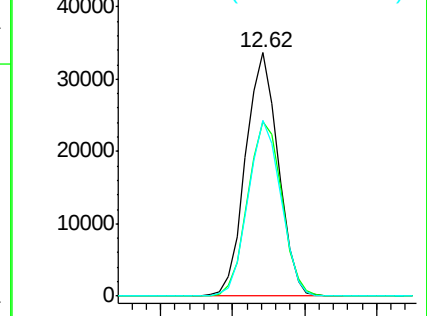
176 72.6 0.0 138.8

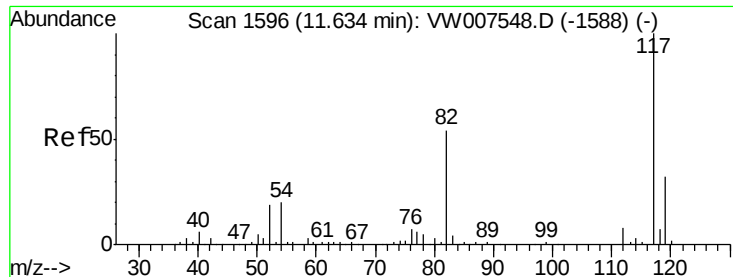


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

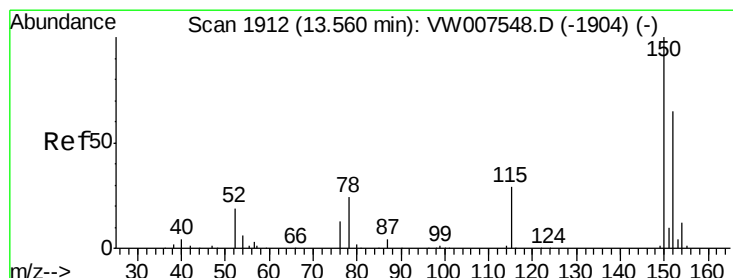
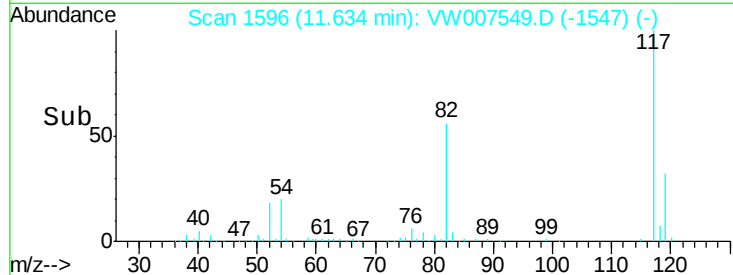
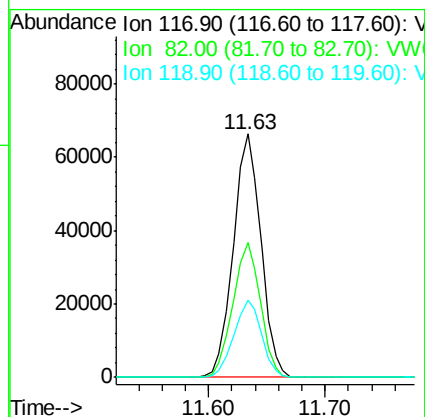
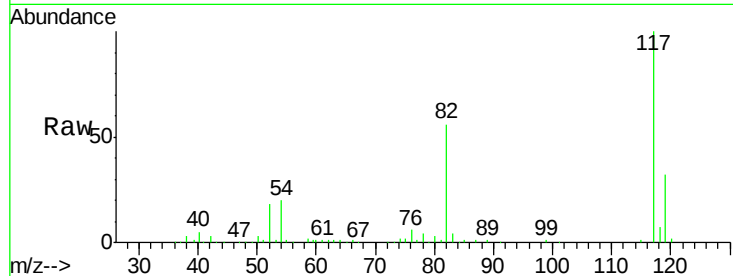




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007549.D
Acq: 14 Dec 2018 23:20

Instrument :
MSVOA_W
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VW1217SBL02

Tgt Ion:117 Resp: 109787
Ion Ratio Lower Upper
117 100
82 55.6 42.3 63.5
119 31.6 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: VW007549.D
Acq: 14 Dec 2018 23:20

Tgt Ion:152 Resp: 52966
Ion Ratio Lower Upper
152 100
115 62.4 31.4 94.2
150 158.4 0.0 358.4

