

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121518\
 Data File : VW007450.D
 Acq On : 12 Dec 2018 21:03
 Operator : SY/AP
 Sample : VW1215SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1215SBL01

Quant Time: Dec 13 04:31:36 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	82198	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	137773	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	124149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	60692	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	45193	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
35) Dibromofluoromethane	7.88	113	41409	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
50) Toluene-d8	10.32	98	157015	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
62) 4-Bromofluorobenzene	12.62	95	58249	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	

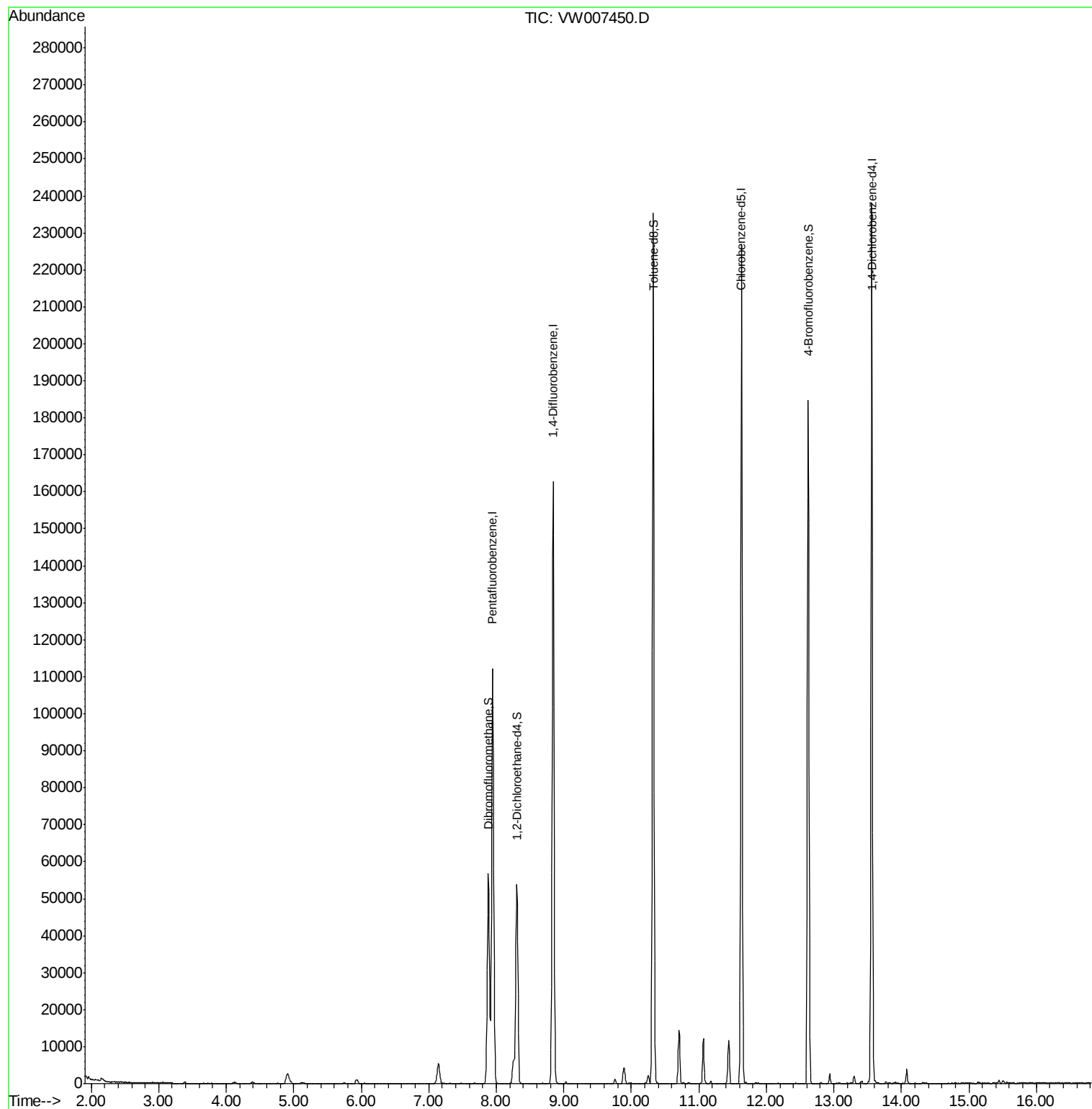
Target Compounds	Qvalue

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121518\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007450.D

Acq: 12 Dec 2018 21:03

Instrument :

MSVOA_W

ClientSampleId :

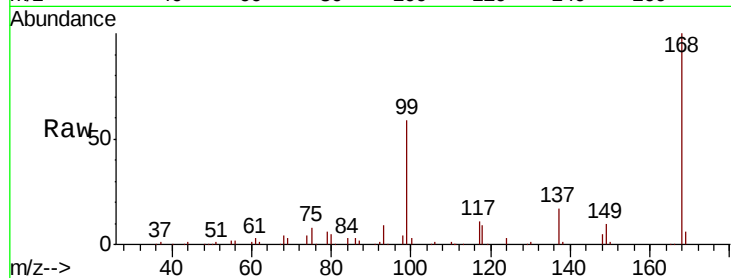
VW1215SBL01

Tot Ion:168 Resp: 82198

Ion Ratio Lower Upper

168 100

99 59.1 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

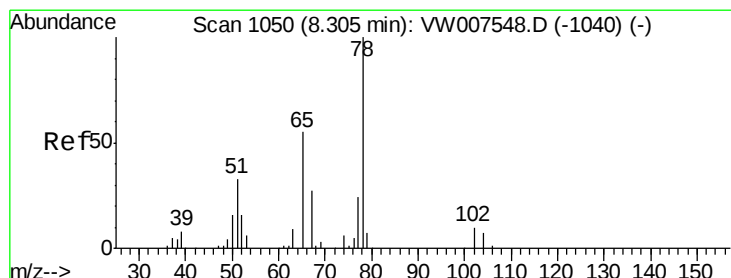
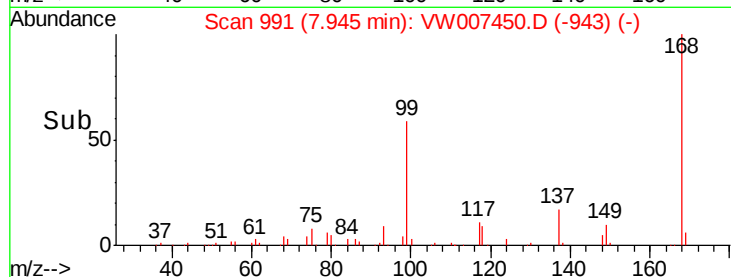
20000

10000

0

7.90 8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.558 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007450.D

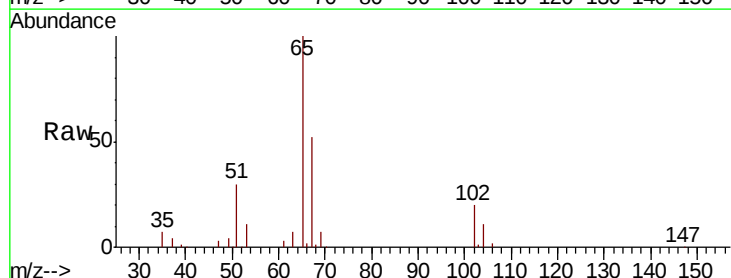
Acq: 12 Dec 2018 21:03

Tgt Ion: 65 Resp: 45193

Ion Ratio Lower Upper

65 100

67 49.3 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

20000

15000

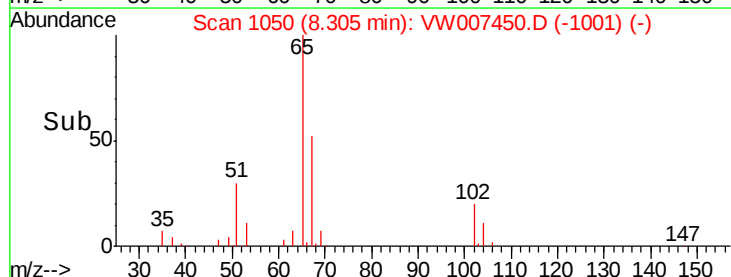
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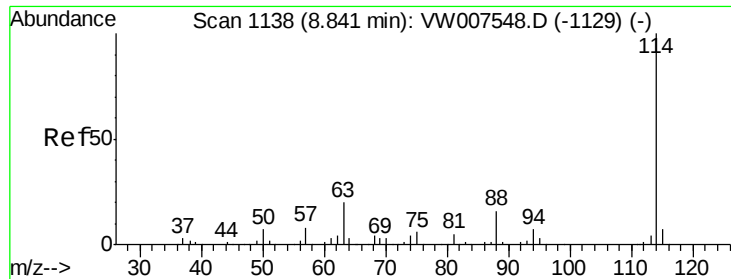
5000

0

8.20 8.25 8.30 8.35 8.40

Time-->

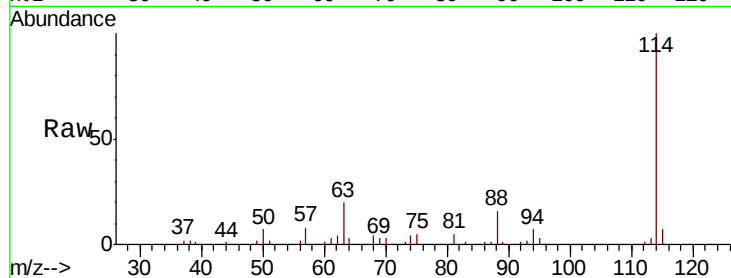




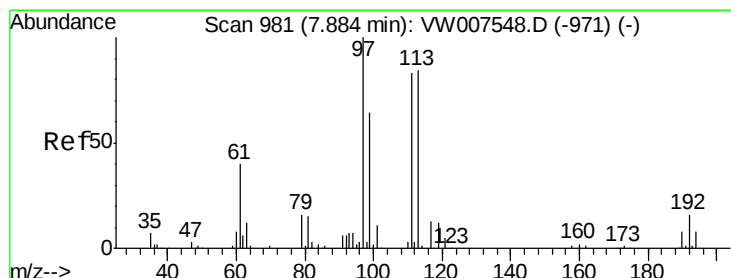
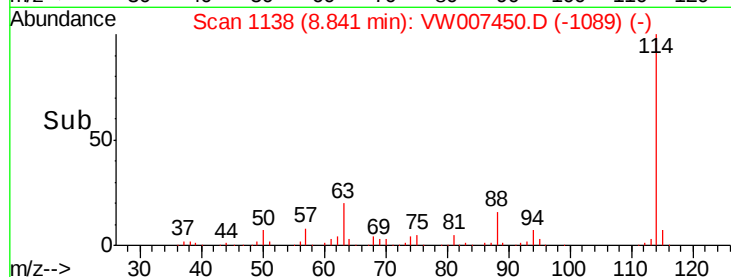
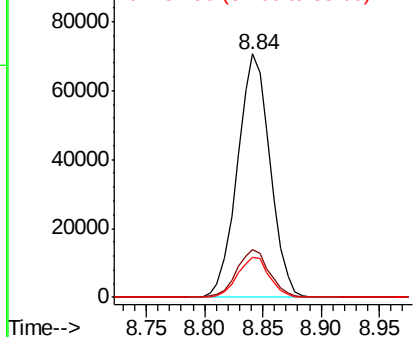
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007450.D
 Acq: 12 Dec 2018 21:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1215SBL01

Tot Ion:114 Resp: 137773
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.6
 88 16.3 0.0 31.4

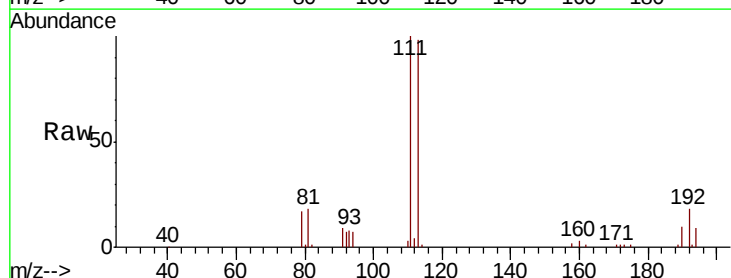


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

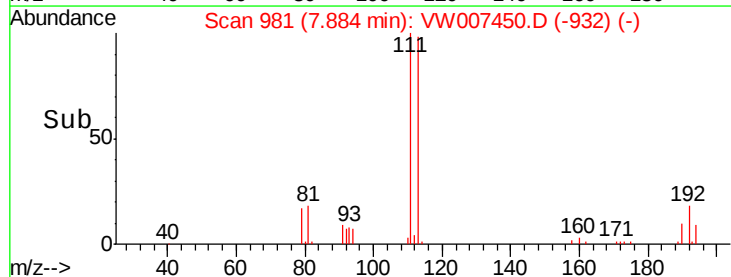
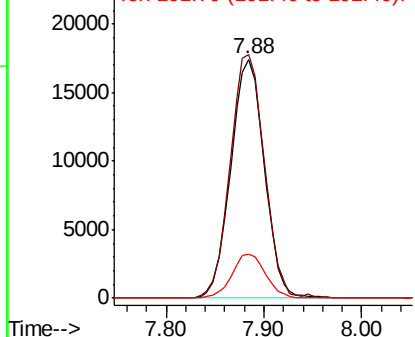


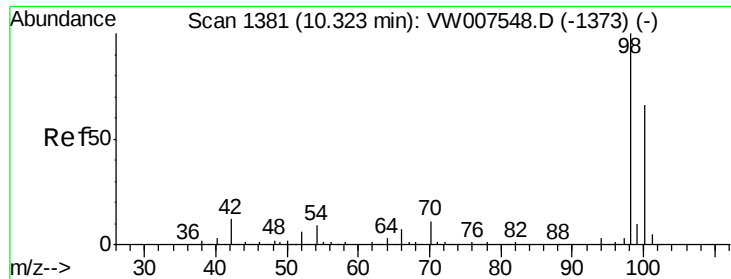
#35
 Dibromofluoromethane
 Concen: 49.651 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007450.D
 Acq: 12 Dec 2018 21:03

Tgt Ion:113 Resp: 41409
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.1 121.7
 192 18.5 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: 50.212 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007450.D

Acq: 12 Dec 2018 21:03

Instrument :

MSVOA_W

ClientSampleId :

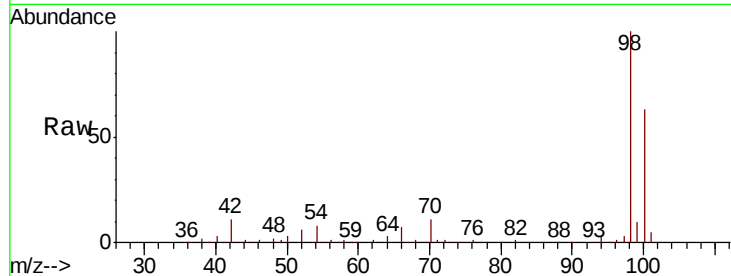
VW1215SBL01

Tot Ion: 98 Resp: 157015

Ion Ratio Lower Upper

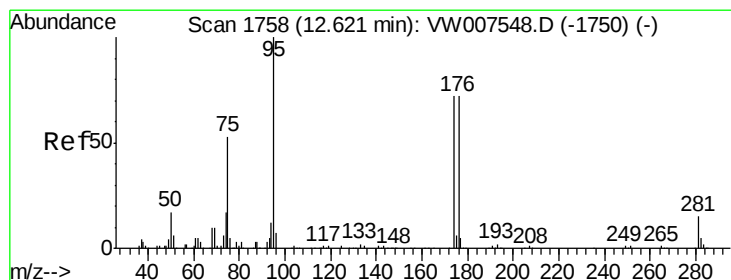
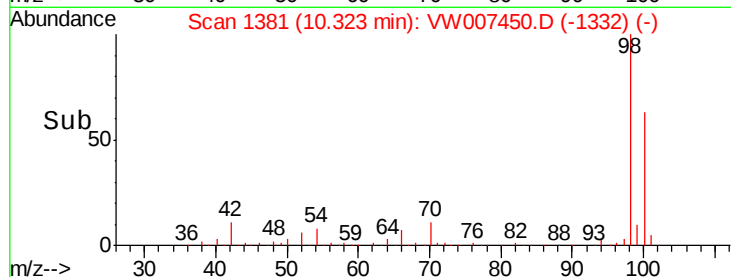
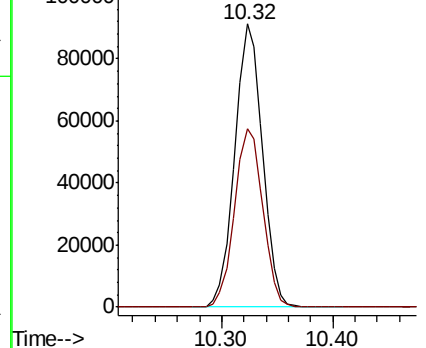
98 100

100 64.3 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: 50.663 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007450.D

Acq: 12 Dec 2018 21:03

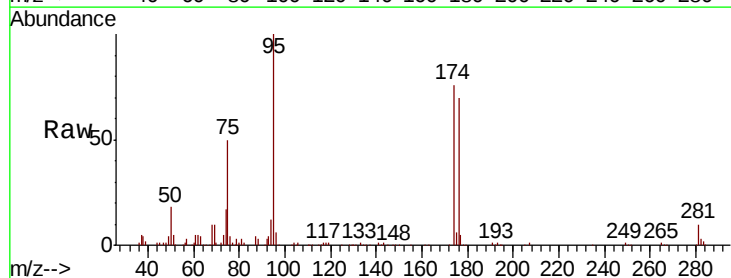
Tgt Ion: 95 Resp: 58249

Ion Ratio Lower Upper

95 100

174 76.9 0.0 147.2

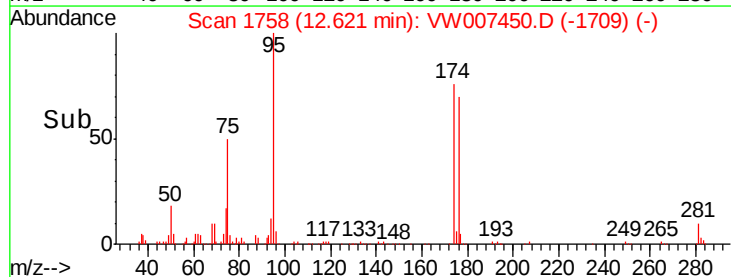
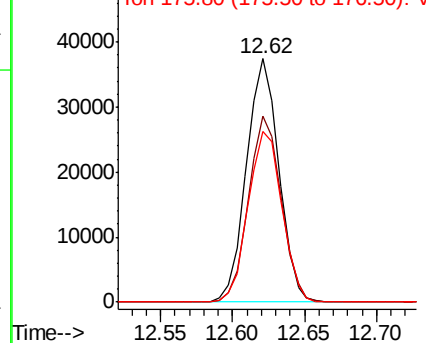
176 73.2 0.0 138.8

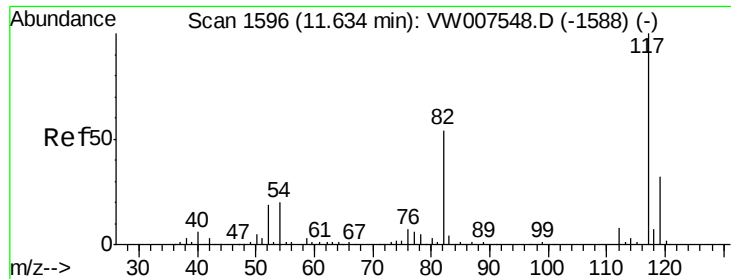


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

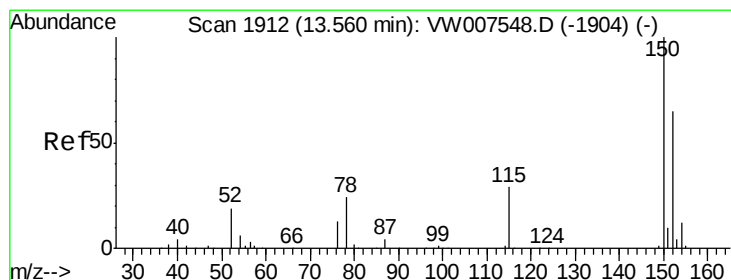
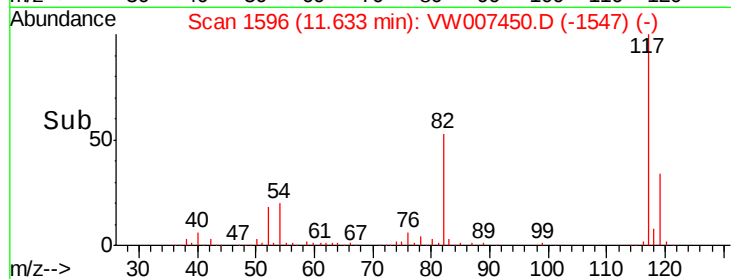
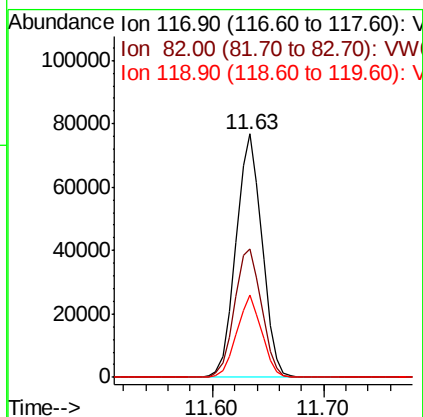
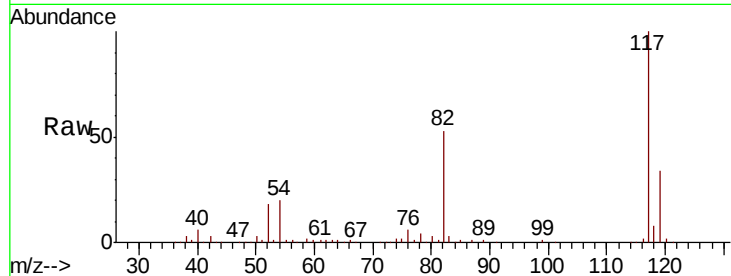




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007450.D
Acq: 12 Dec 2018 21:03

Instrument :
MSVOA_W
ClientSampleId :
VW1215SBL01

Tot Ion:117 Resp: 124149
Ion Ratio Lower Upper
117 100
82 52.9 42.3 63.5
119 33.9 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: VW007450.D
Acq: 12 Dec 2018 21:03

Tgt Ion:152 Resp: 60692
Ion Ratio Lower Upper
152 100
115 62.6 31.4 94.2
150 157.1 0.0 358.4

