

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122218\
 Data File : VW007773.D
 Acq On : 21 Dec 2018 05:12
 Operator : SY/AP
 Sample : VW1222SBL02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBL02

Quant Time: Dec 21 06:07:13 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	76635	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	128664	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	115736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	57545	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	44682	53.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.40%	
35) Dibromofluoromethane	7.88	113	39719	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
50) Toluene-d8	10.32	98	162568	54.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.88%	
62) 4-Bromofluorobenzene	12.62	95	62294	54.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.98%	

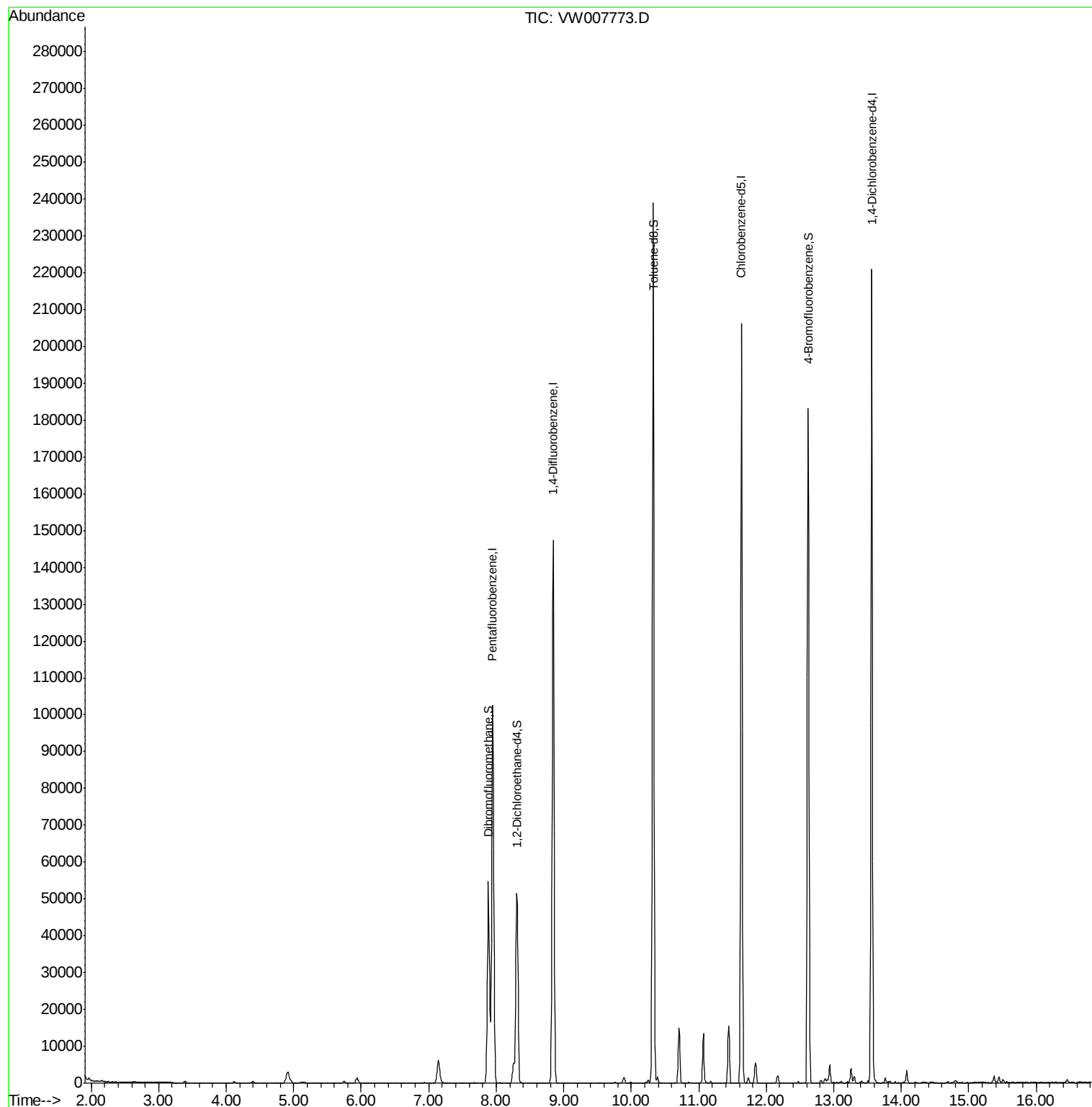
Target Compounds	Qvalue

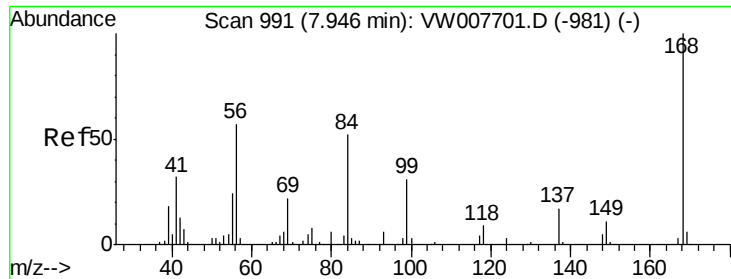
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 20 06:30:23 2018
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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: VW007773.D

Acq: 21 Dec 2018 05:12

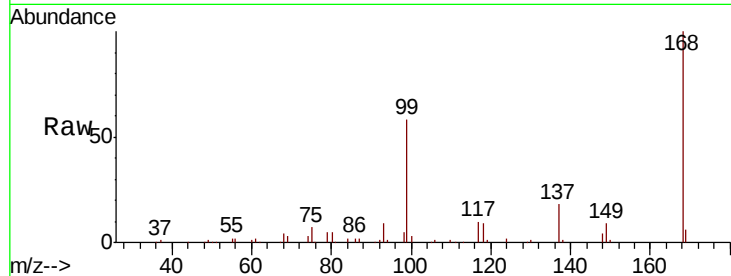
Instrument :
MSVOA_W
ClientSampleId :
VW1222SBL02

Tgt Ion:168 Resp: 76635

Ion Ratio Lower Upper

168 100

99 57.6 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

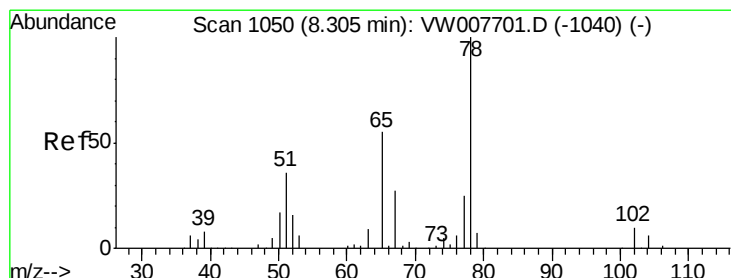
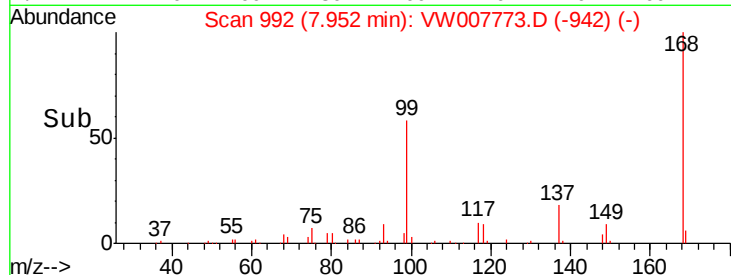
20000

10000

0

Time-->

7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 53.196 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007773.D

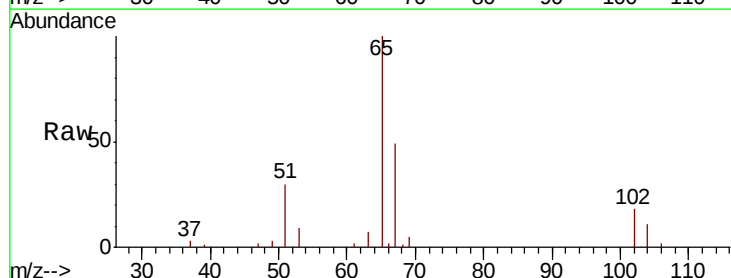
Acq: 21 Dec 2018 05:12

Tgt Ion: 65 Resp: 44682

Ion Ratio Lower Upper

65 100

67 49.6 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

25000

20000

15000

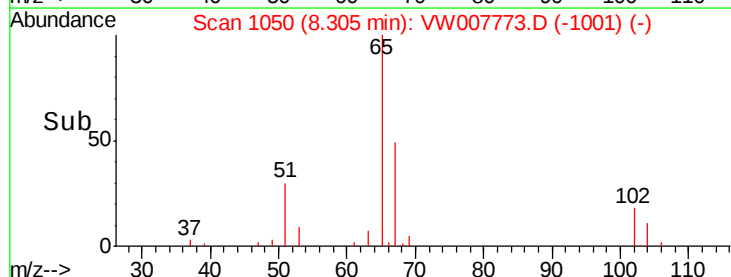
10000

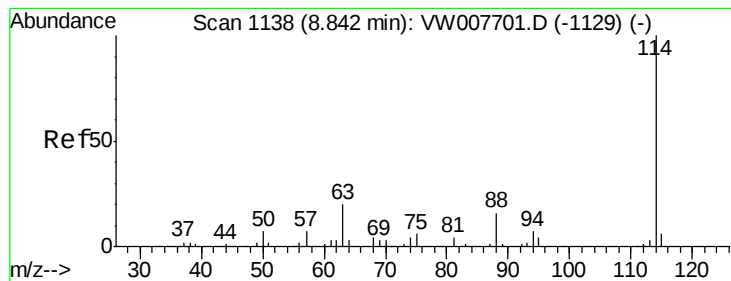
5000

0

Time-->

8.20 8.25 8.30 8.35 8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW007773.D

Acq: 21 Dec 2018 05:12

Instrument :

MSVOA_W

ClientSampleId :

VW1222SBL02

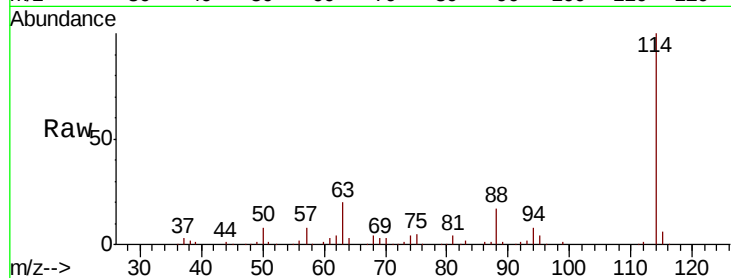
Tgt Ion:114 Resp: 128664

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.0

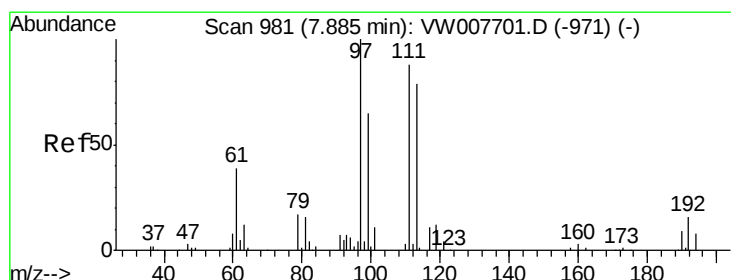
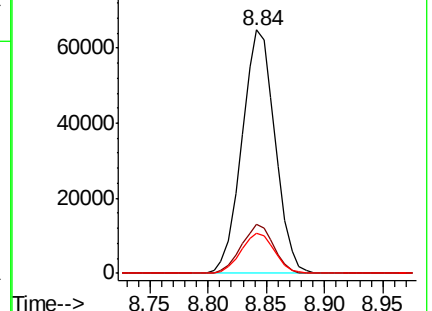
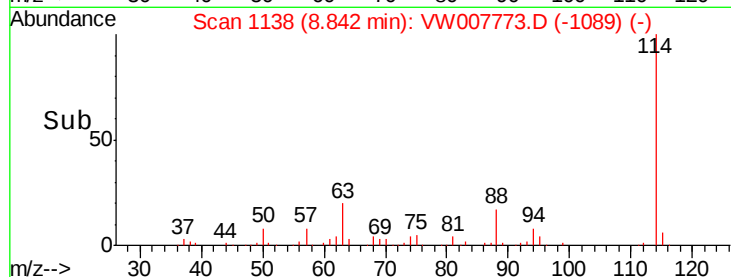
88 16.7 0.0 32.6



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: 50.603 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007773.D

Acq: 21 Dec 2018 05:12

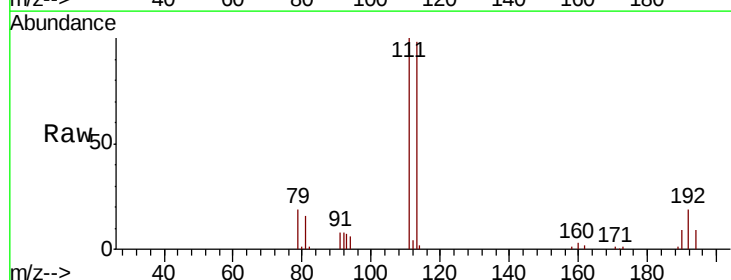
Tgt Ion:113 Resp: 39719

Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

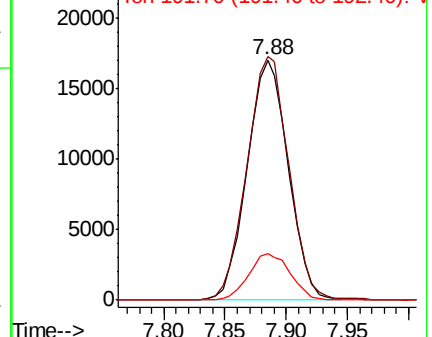
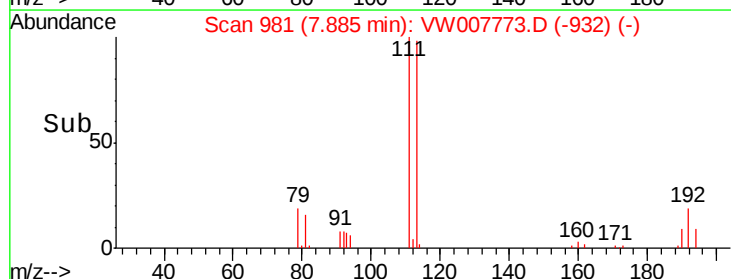
192 19.6 15.5 23.3

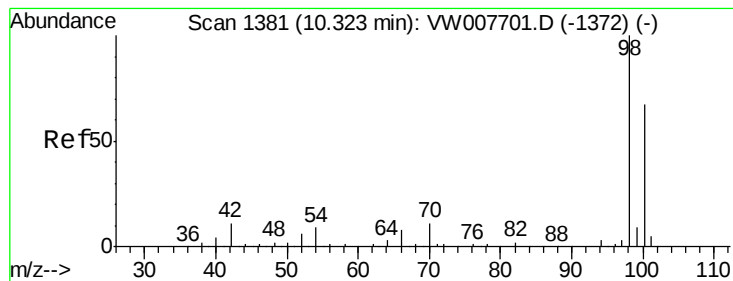


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.940 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007773.D

Acq: 21 Dec 2018 05:12

Instrument :

MSVOA_W

ClientSampleId :

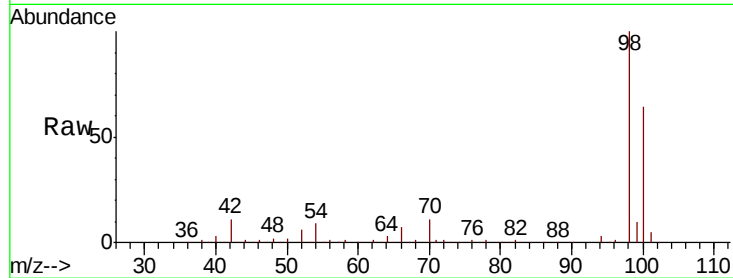
VW1222SBL02

Tgt Ion: 98 Resp: 162568

Ion Ratio Lower Upper

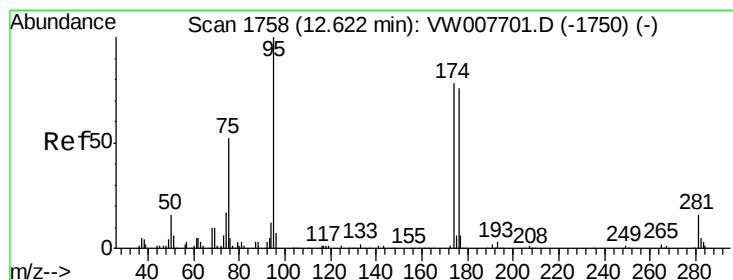
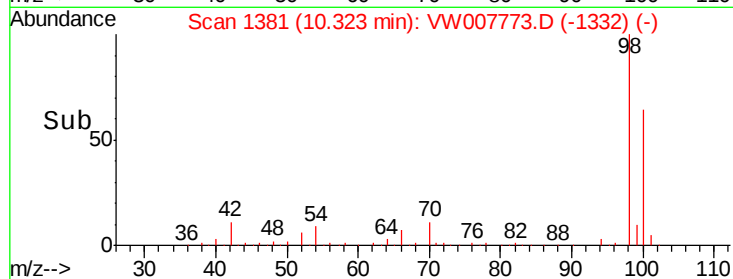
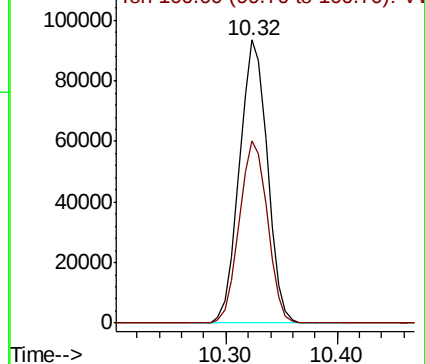
98 100

100 64.8 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: 54.494 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007773.D

Acq: 21 Dec 2018 05:12

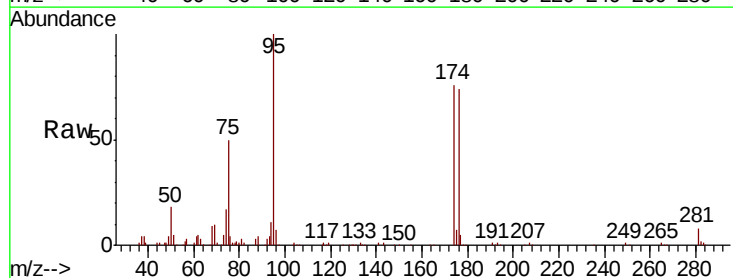
Tgt Ion: 95 Resp: 62294

Ion Ratio Lower Upper

95 100

174 73.3 0.0 152.2

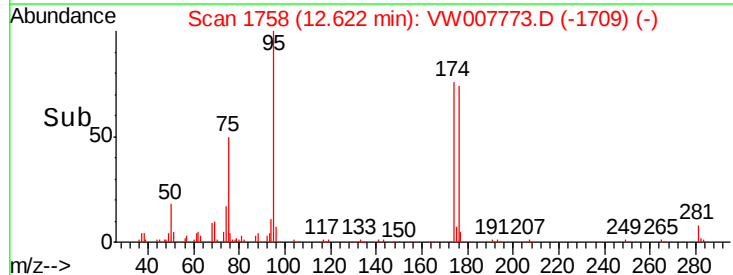
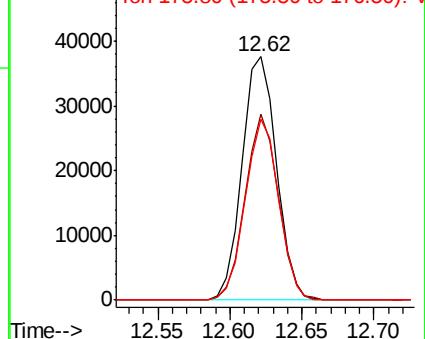
176 72.1 0.0 146.8

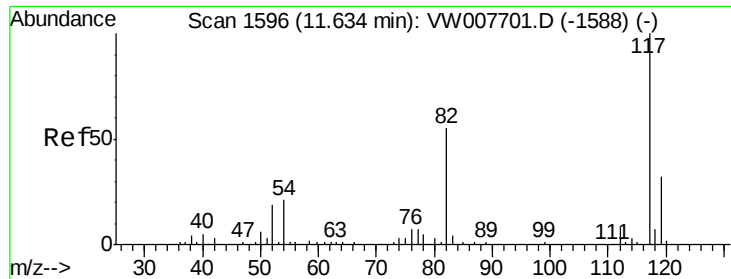


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

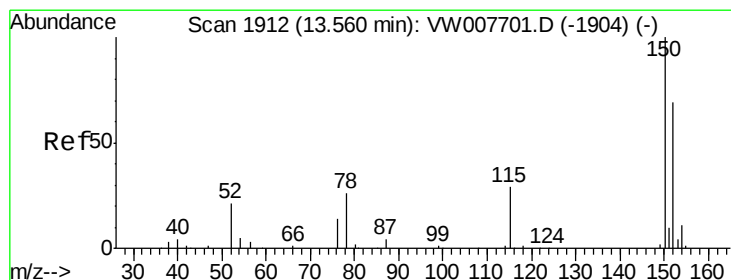
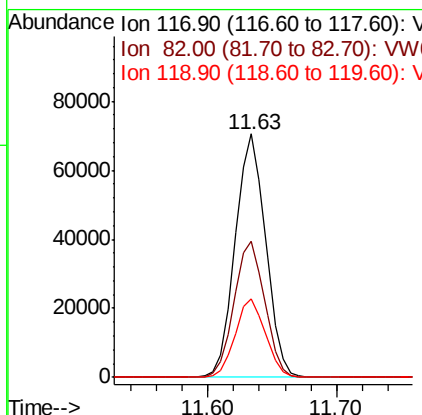
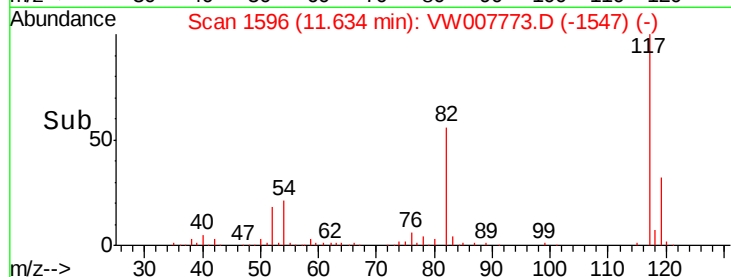
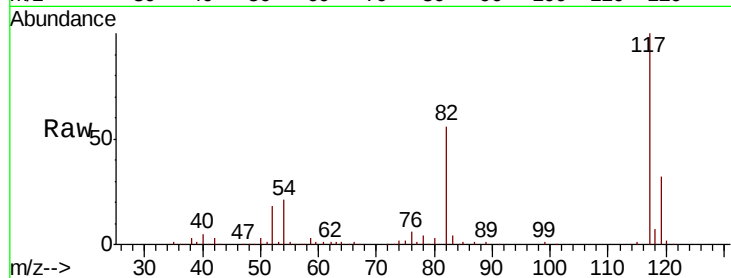




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007773.D
Acq: 21 Dec 2018 05:12

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBL02

Tgt Ion:117 Resp: 115736
Ion Ratio Lower Upper
117 100
82 56.1 44.3 66.5
119 32.2 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: VW007773.D
Acq: 21 Dec 2018 05:12

Tgt Ion:152 Resp: 57545
Ion Ratio Lower Upper
152 100
115 63.3 31.8 95.4
150 158.9 0.0 350.8

