

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060619\
 Data File : VW010710.D
 Acq On : 06 Jun 2019 15:22
 Operator : SY/VA
 Sample : K3211-07
 Misc : 6.27G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200052

Quant Time: Jun 07 08:27:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	210997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	365812	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	317677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	135544	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	146338	58.84	ug/l	0.00
Spiked Amount			Recovery	=	117.68%	
35) Dibromofluoromethane	7.88	113	109614	55.21	ug/l	0.00
Spiked Amount			Recovery	=	110.42%	
50) Toluene-d8	10.32	98	478897	55.00	ug/l	0.00
Spiked Amount			Recovery	=	110.00%	
62) 4-Bromofluorobenzene	12.62	95	164003	51.76	ug/l	0.00
Spiked Amount			Recovery	=	103.52%	

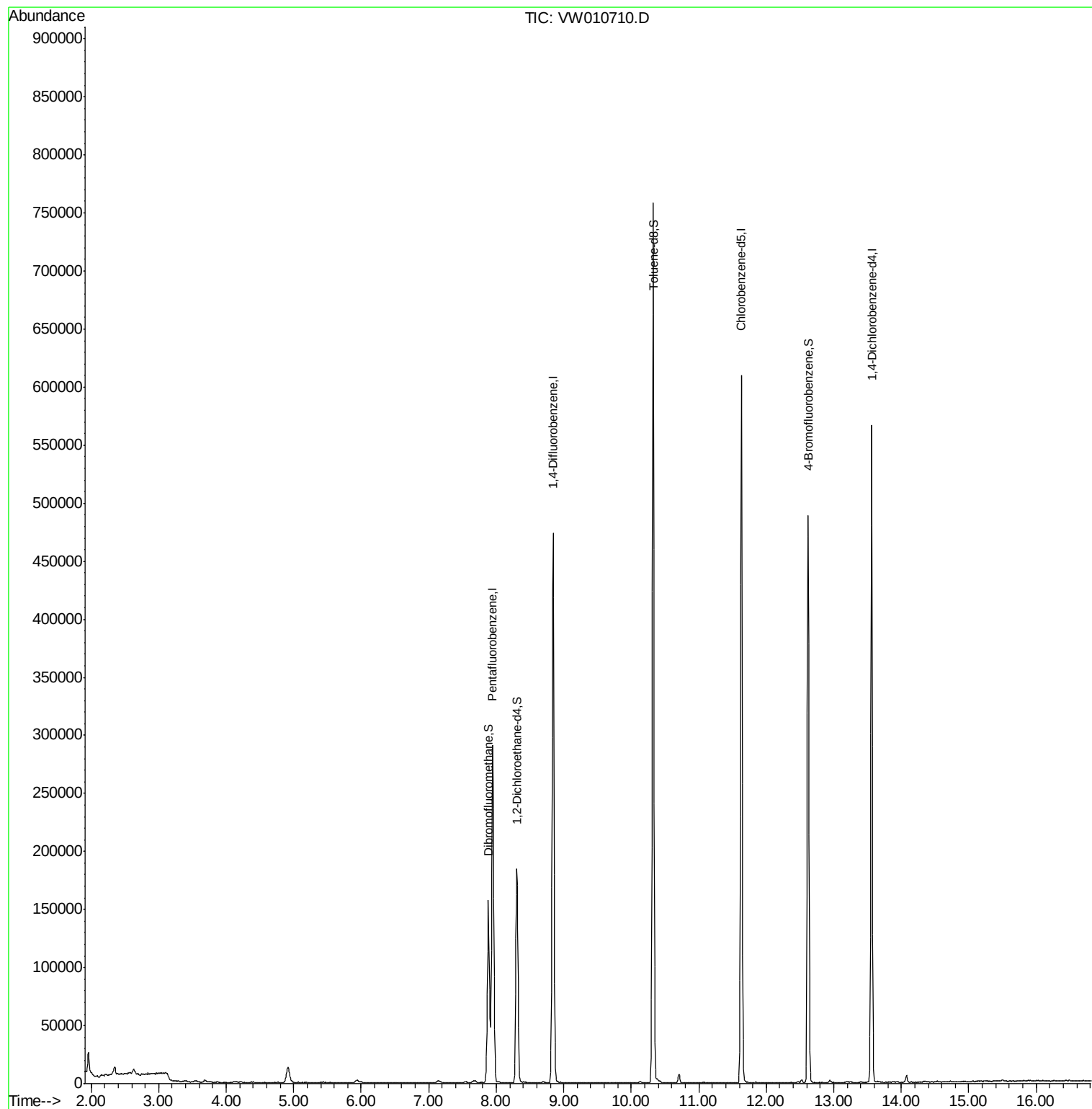
Target Compounds	Qvalue
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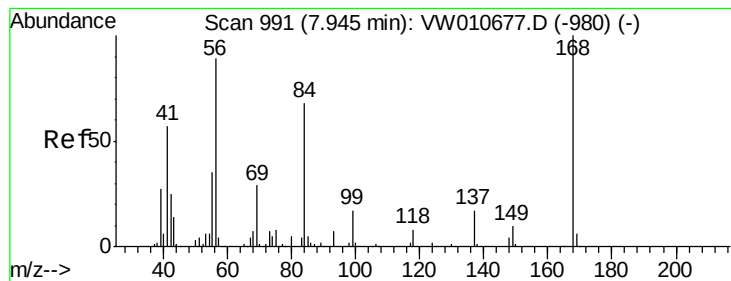
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010710.D

Acq: 06 Jun 2019 15:22

Instrument :

MSVOA_W

ClientSampled :

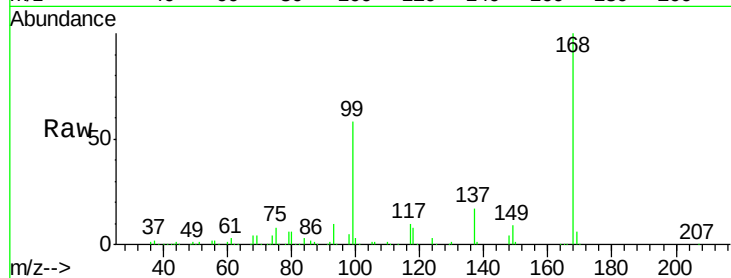
RBR-200052

Tot Ion:168 Resp: 210997

Ion Ratio Lower Upper

168 100

99 58.4 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

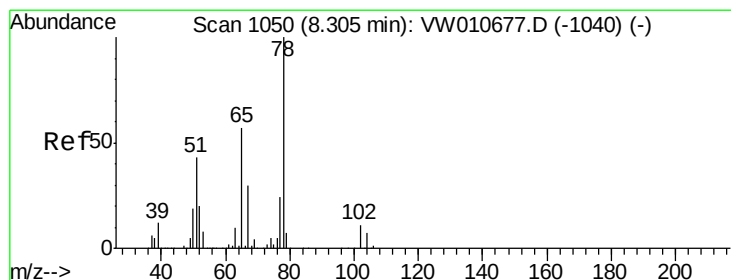
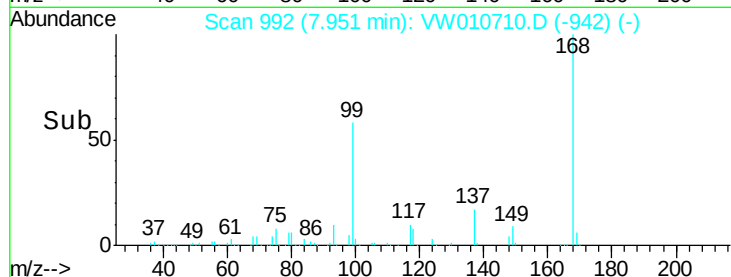
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 58.842 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010710.D

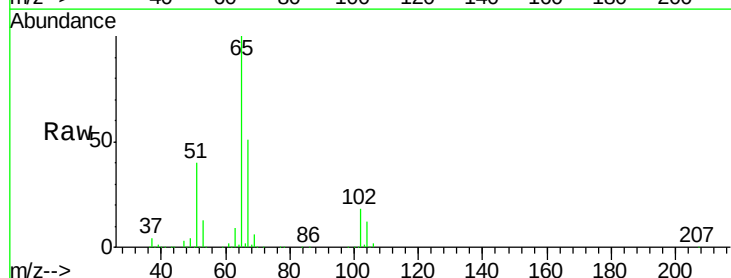
Acq: 06 Jun 2019 15:22

Tgt Ion: 65 Resp: 146338

Ion Ratio Lower Upper

65 100

67 51.3 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

80000

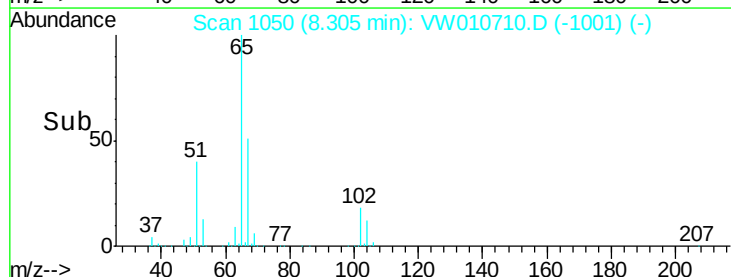
60000

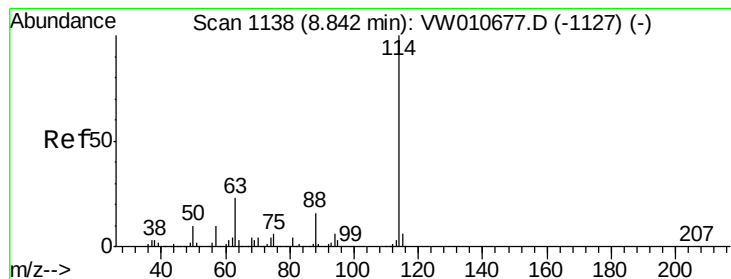
40000

20000

0

Time--> 8.20 8.30 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: VW010710.D

Acq: 06 Jun 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

RBR-200052

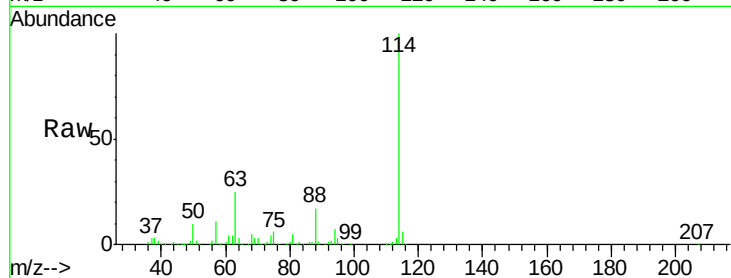
Tot Ion:114 Resp: 365812

Ion Ratio Lower Upper

114 100

63 24.6 0.0 46.4

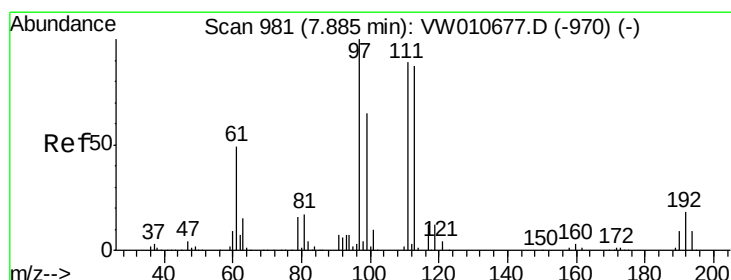
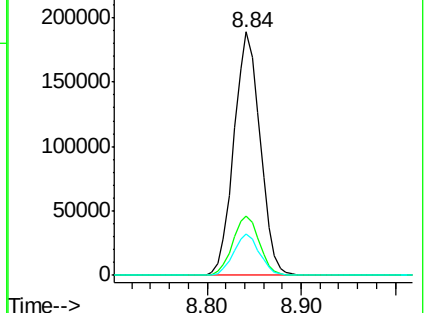
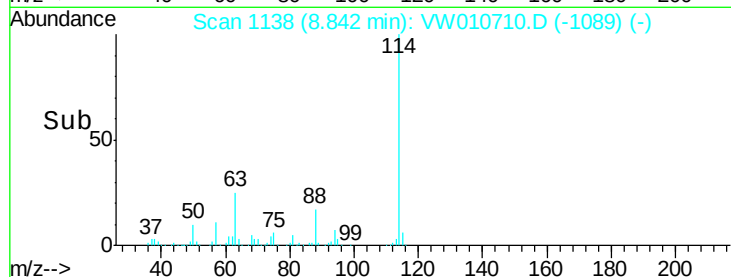
88 16.9 0.0 32.2



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: 55.206 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010710.D

Acq: 06 Jun 2019 15:22

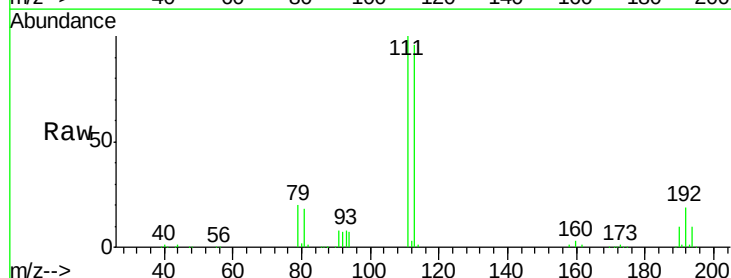
Tgt Ion:113 Resp: 109614

Ion Ratio Lower Upper

113 100

111 102.6 82.6 123.8

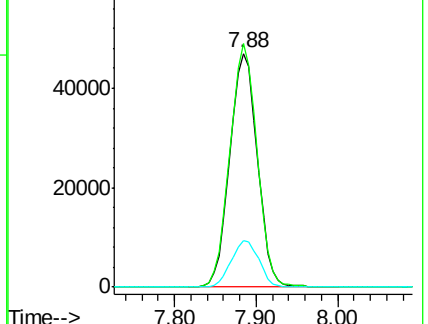
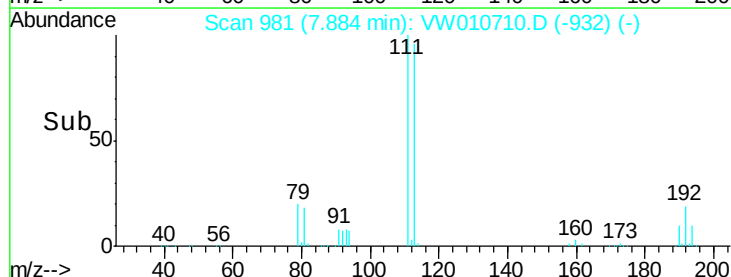
192 20.0 16.4 24.6

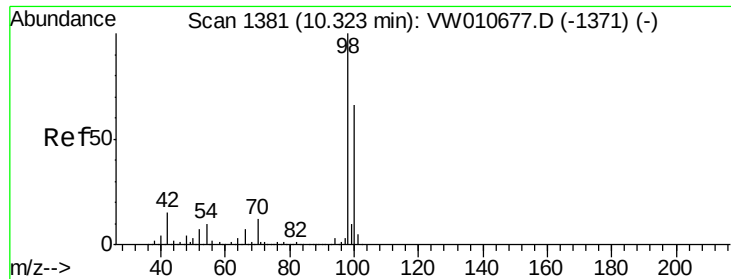


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 55.002 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010710.D

Acq: 06 Jun 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

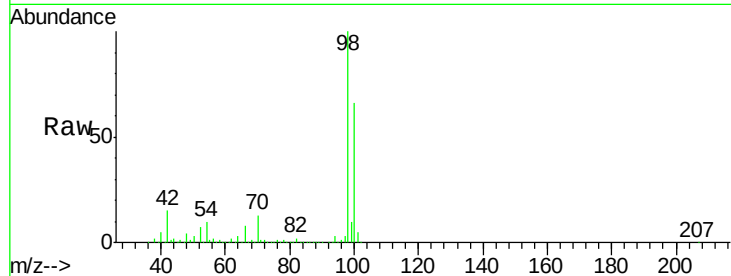
RBR-200052

Tot Ion: 98 Resp: 478897

Ion Ratio Lower Upper

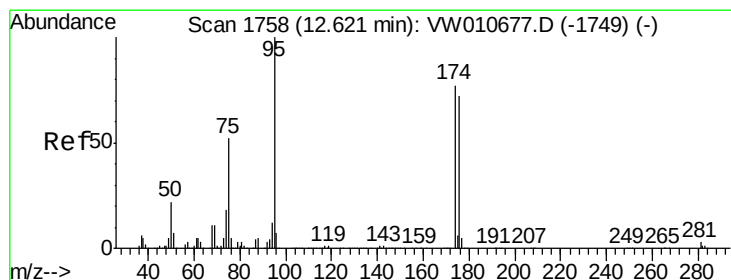
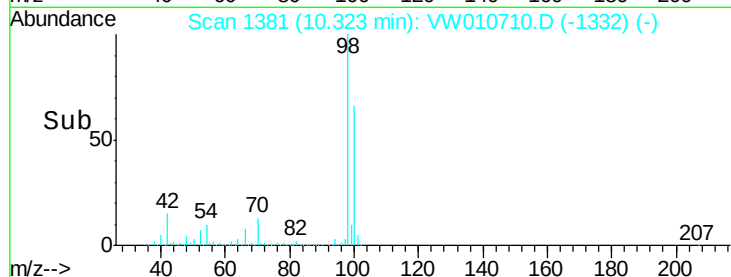
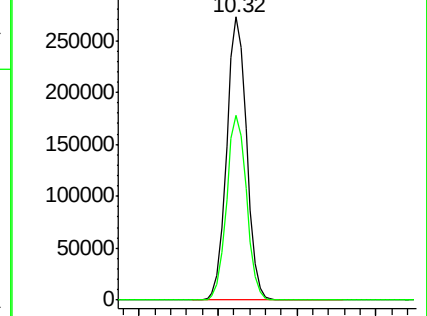
98 100

100 65.3 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 51.764 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010710.D

Acq: 06 Jun 2019 15:22

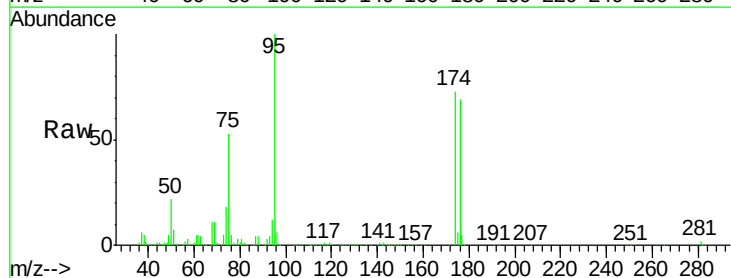
Tgt Ion: 95 Resp: 164003

Ion Ratio Lower Upper

95 100

174 73.9 0.0 150.4

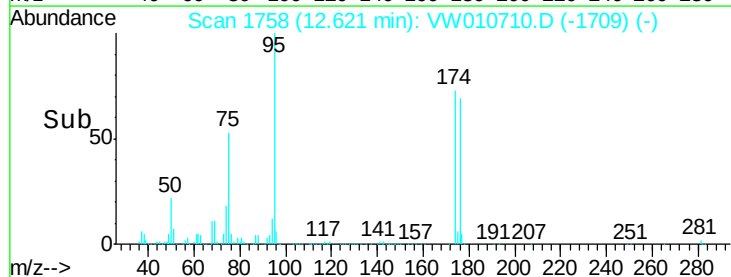
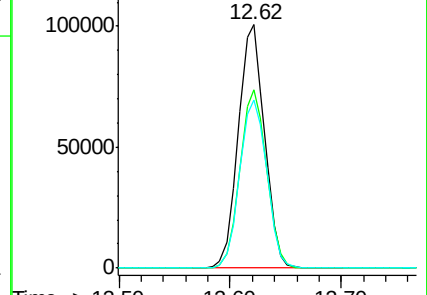
176 71.3 0.0 144.8

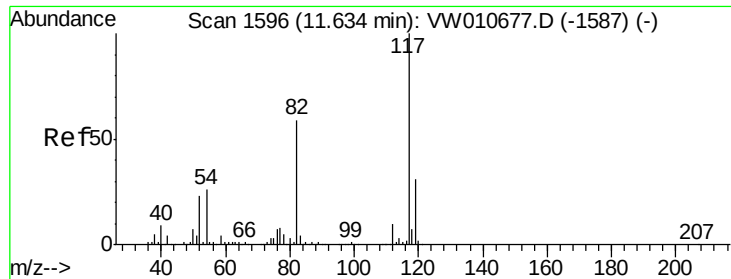


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

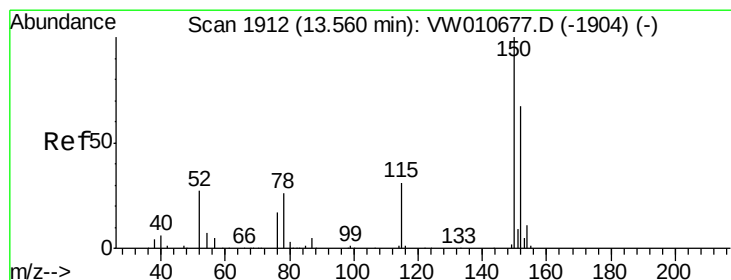
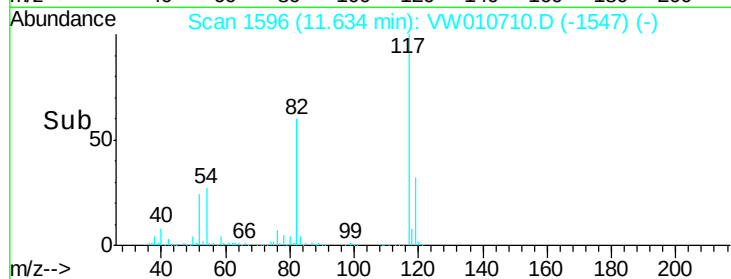
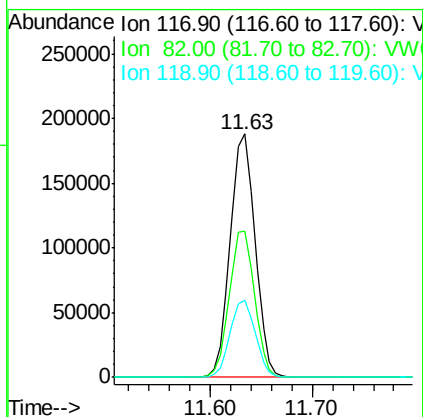
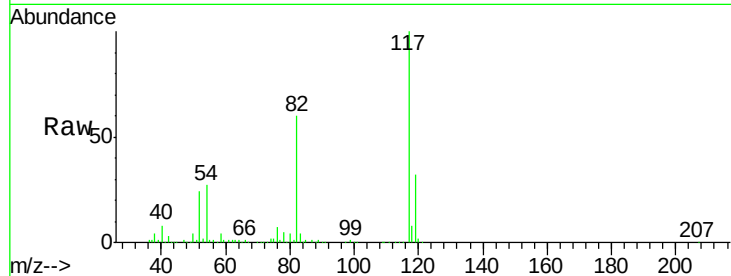




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010710.D
Acq: 06 Jun 2019 15:22

Instrument :
MSVOA_W
ClientSampleId :
RBR-200052

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.0	47.0	70.4
119	31.9	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010710.D
Acq: 06 Jun 2019 15:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.3	29.8	89.3
150	157.1	0.0	345.0

