

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062718\
 Data File : VW003579.D
 Acq On : 26 Jun 2018 19:47
 Operator : SY/AP
 Sample : VW0626SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBL01

Quant Time: Jun 27 07:56:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	186464	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	310978	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	288315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	138903	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	96263	47.66	ug/l	0.00
Spiked Amount			Recovery	=	95.32%	
35) Dibromofluoromethane	7.88	113	83280	43.10	ug/l	0.00
Spiked Amount			Recovery	=	86.20%	
50) Toluene-d8	10.33	98	311291	40.63	ug/l	0.00
Spiked Amount			Recovery	=	81.26%	
62) 4-Bromofluorobenzene	12.63	95	100208	36.96	ug/l	0.00
Spiked Amount			Recovery	=	73.92%	

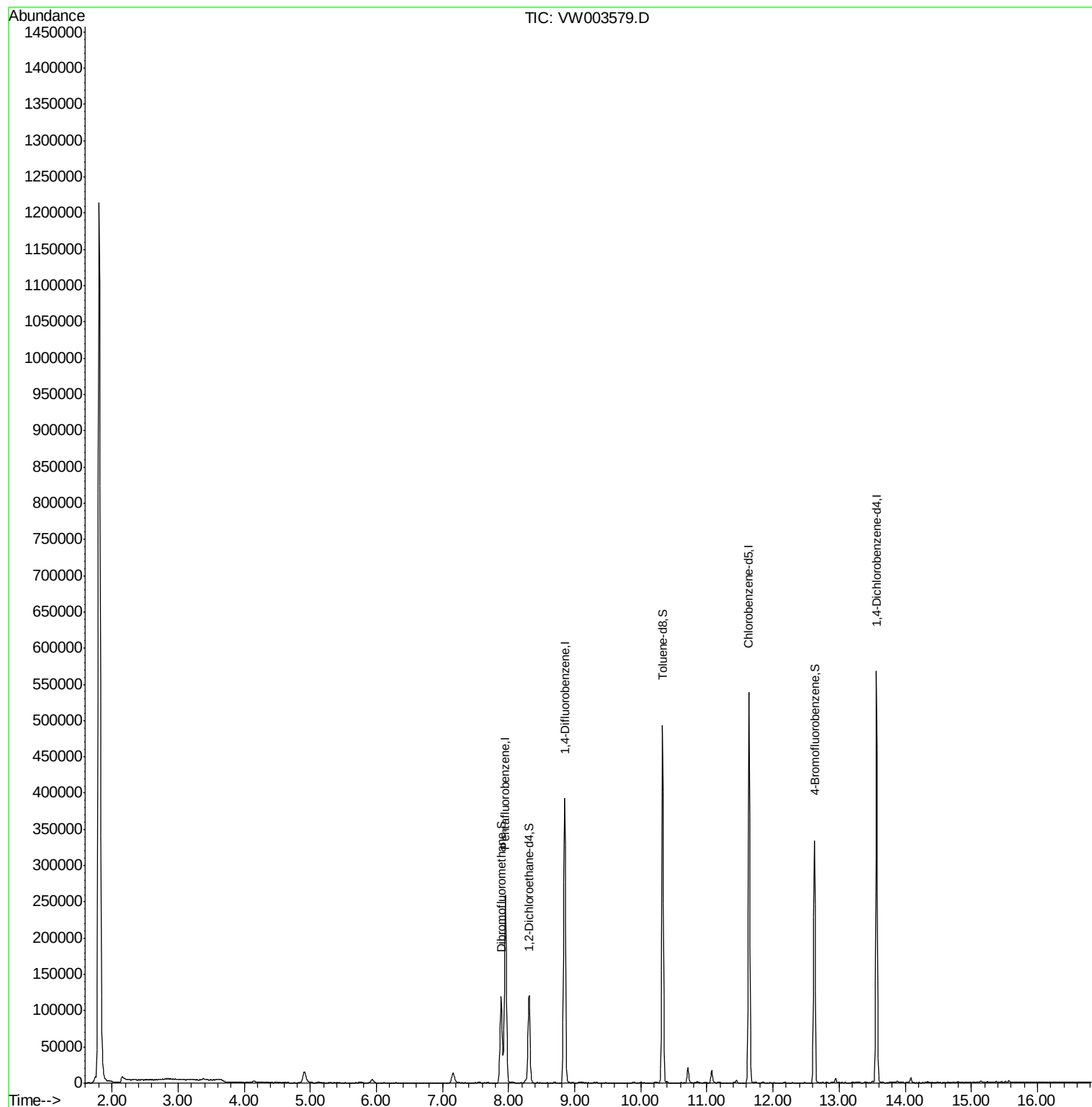
Target Compounds	Qvalue
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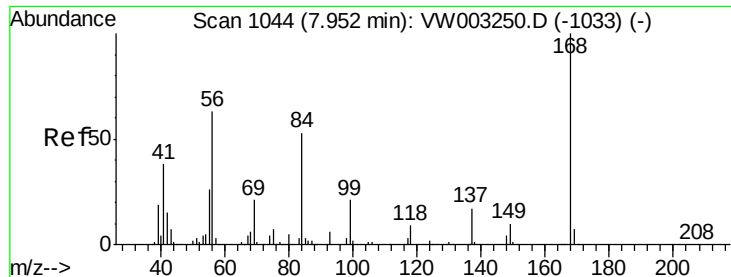
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003579.D

Acq: 26 Jun 2018 19:47

Instrument :

MSVOA_W

ClientSampleId :

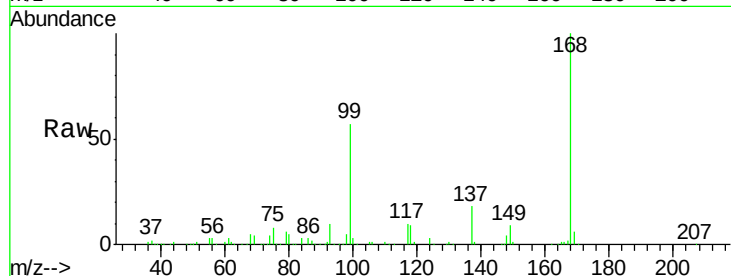
VW0627SBL01

Tot Ion:168 Resp: 186464

Ion Ratio Lower Upper

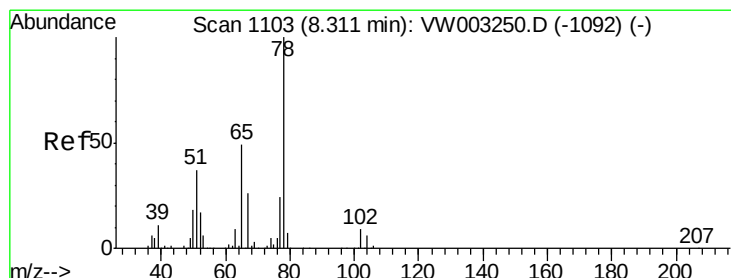
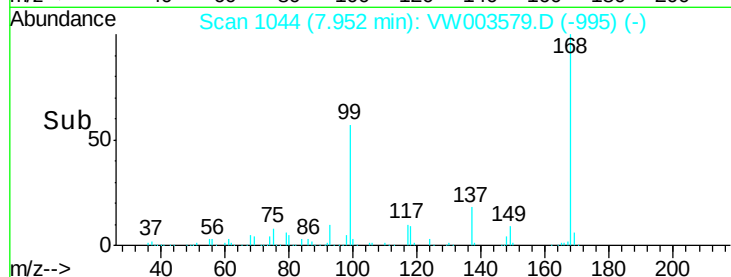
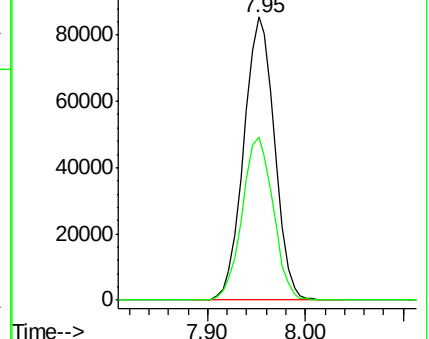
168 100

99 57.4 45.5 68.3



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: 47.66 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003579.D

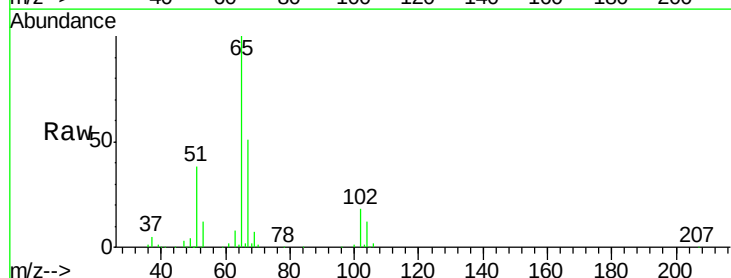
Acq: 26 Jun 2018 19:47

Tgt Ion: 65 Resp: 96263

Ion Ratio Lower Upper

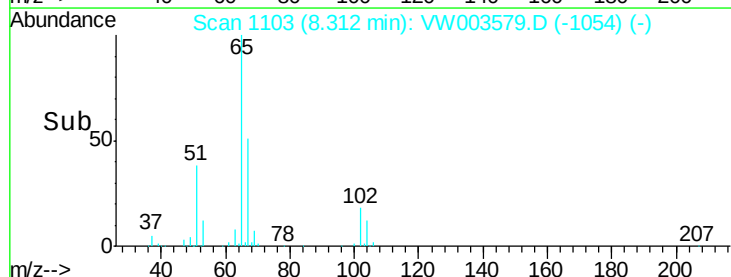
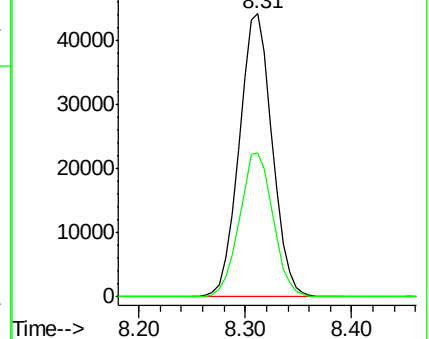
65 100

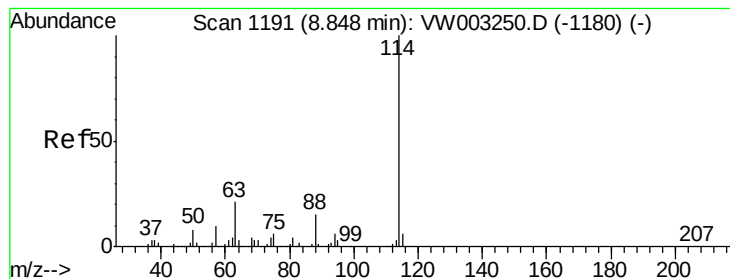
67 51.9 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003579.D

Acq: 26 Jun 2018 19:47

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBL01

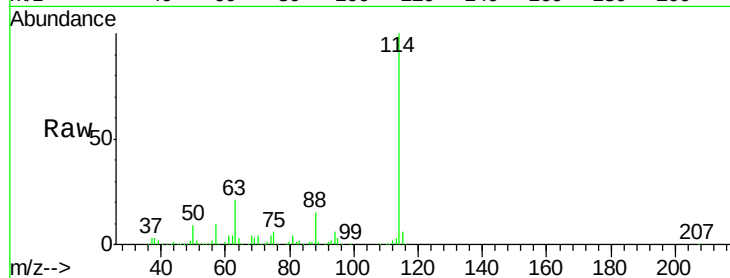
Tot Ion:114 Resp: 310978

Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.0

88 15.0 0.0 29.6



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

200000

150000

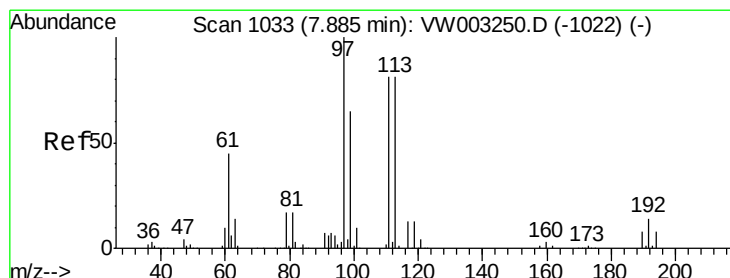
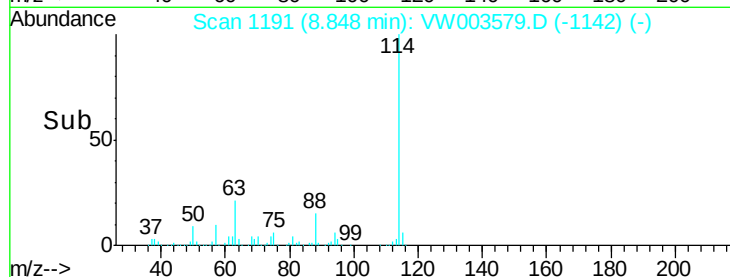
100000

50000

0

8.80 8.85 8.90

Time-->



#35

Dibromofluoromethane

Concen: 43.10 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW003579.D

Acq: 26 Jun 2018 19:47

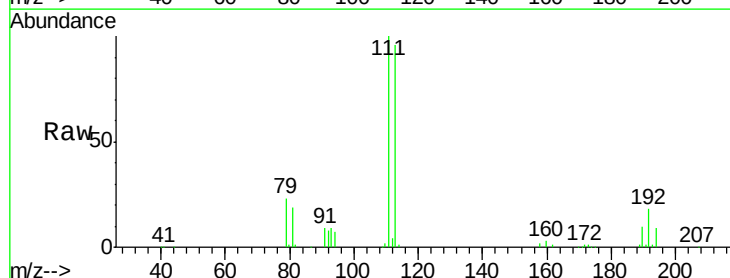
Tgt Ion:113 Resp: 83280

Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.2

192 19.9 16.2 24.2



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

50000

40000

30000

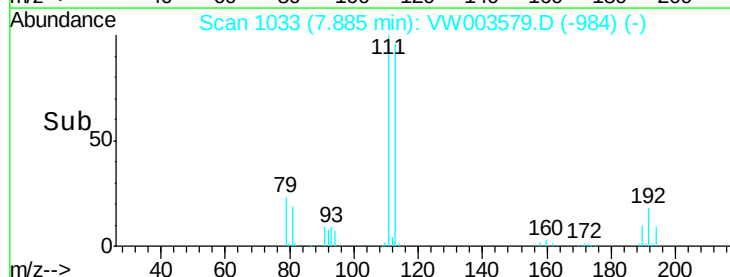
20000

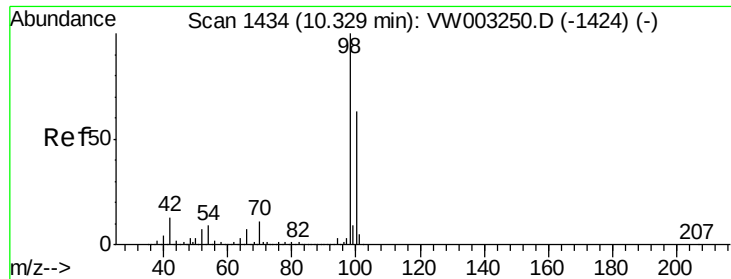
10000

0

7.80 7.88 7.90 8.00

Time-->





#50

Toluene-d8

Concen: 40.63 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003579.D

Acq: 26 Jun 2018 19:47

Instrument :

MSVOA_W

ClientSampleId :

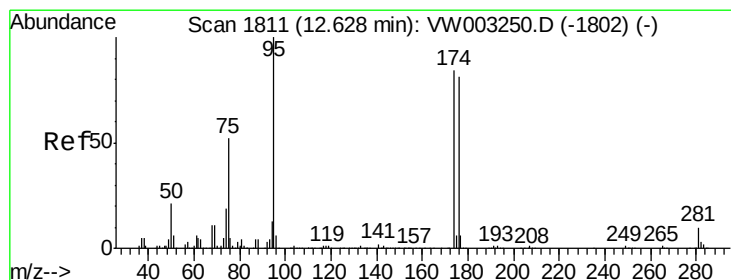
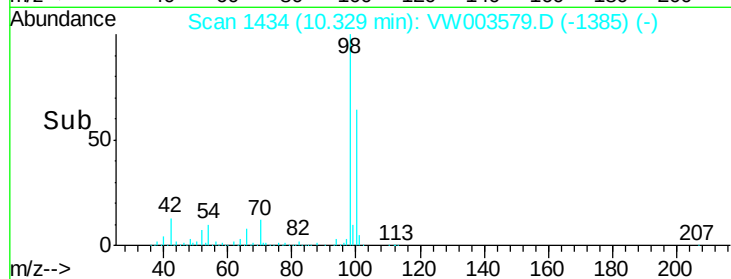
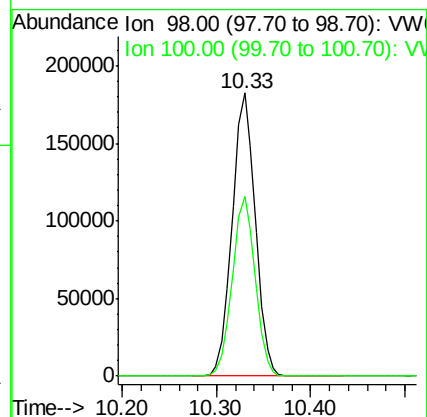
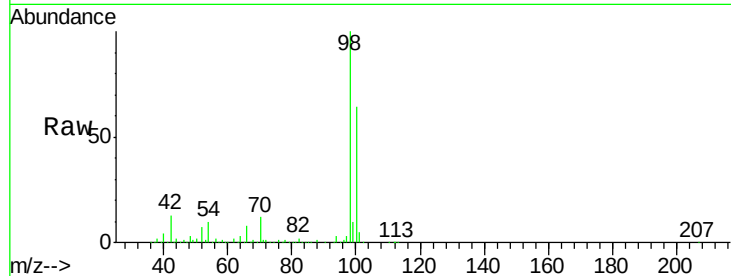
VW0627SBL01

Tot Ion: 98 Resp: 311291

Ion Ratio Lower Upper

98 100

100 62.7 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 36.96 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003579.D

Acq: 26 Jun 2018 19:47

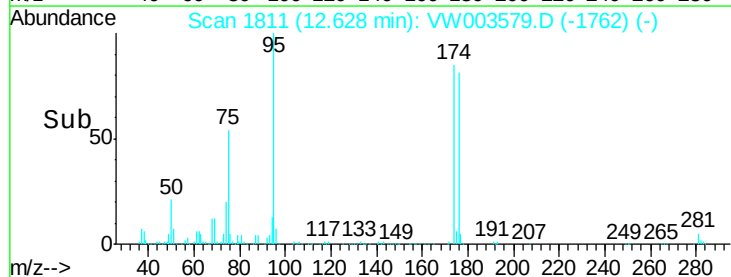
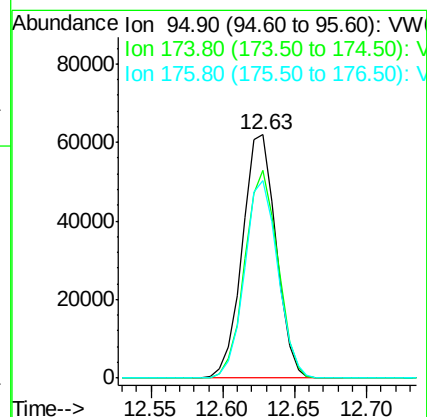
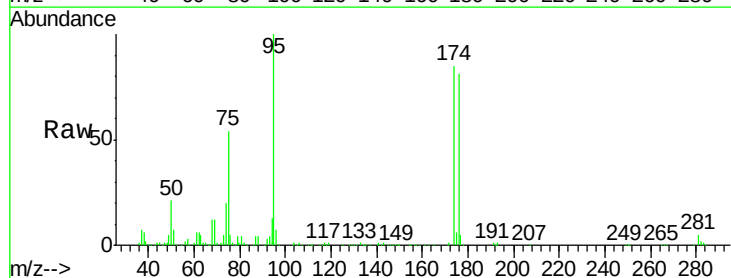
Tgt Ion: 95 Resp: 100208

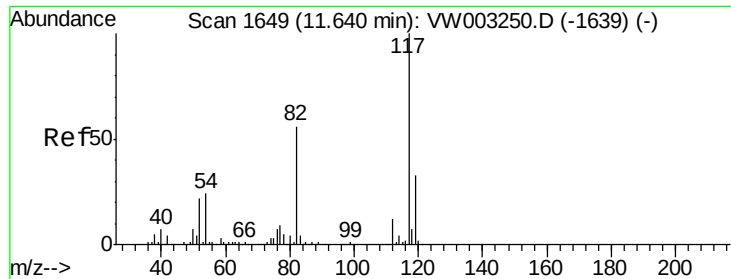
Ion Ratio Lower Upper

95 100

174 83.8 0.0 166.4

176 80.3 0.0 162.0

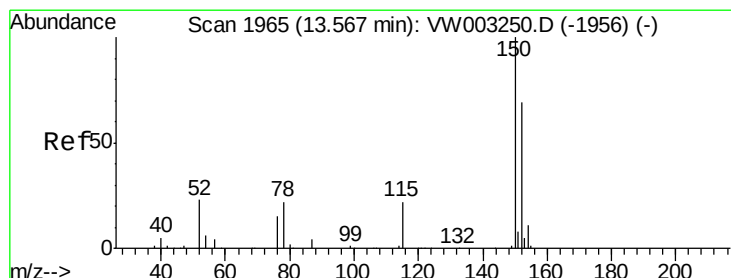
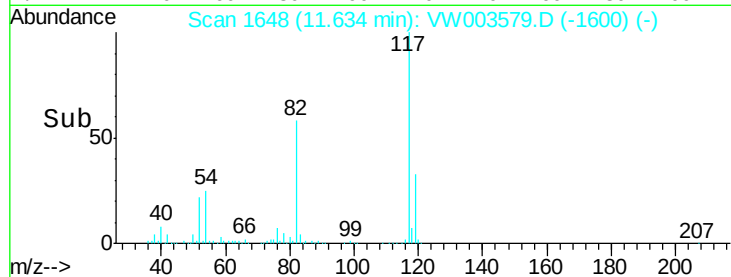
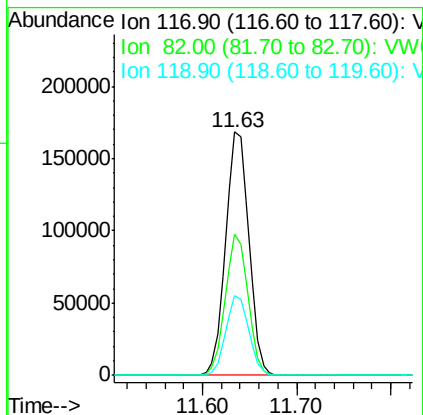
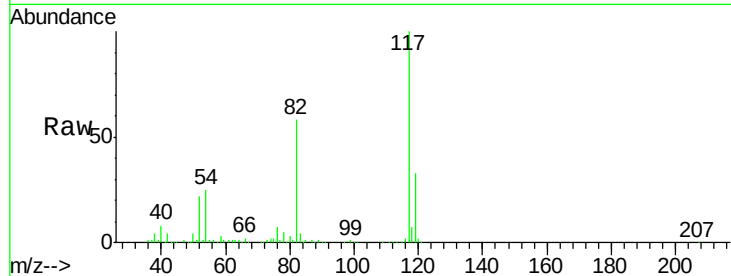




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003579.D
Acq: 26 Jun 2018 19:47

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBL01

Tot Ion:117 Resp: 288315
Ion Ratio Lower Upper
117 100
82 57.8 44.6 67.0
119 32.7 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003579.D
Acq: 26 Jun 2018 19:47

Tgt Ion:152 Resp: 138903
Ion Ratio Lower Upper
152 100
115 58.5 29.3 88.0
150 157.6 0.0 349.6

