

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071218\
 Data File : VW003896.D
 Acq On : 12 Jul 2018 14:43
 Operator : SY/AP
 Sample : VW0712SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0712SBL01

Quant Time: Jul 12 15:09:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	210095	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	348255	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	316693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	153060	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	133582	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
35) Dibromofluoromethane	7.88	113	115402	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	
50) Toluene-d8	10.33	98	440798	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	
62) 4-Bromofluorobenzene	12.62	95	143979	42.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.36%	

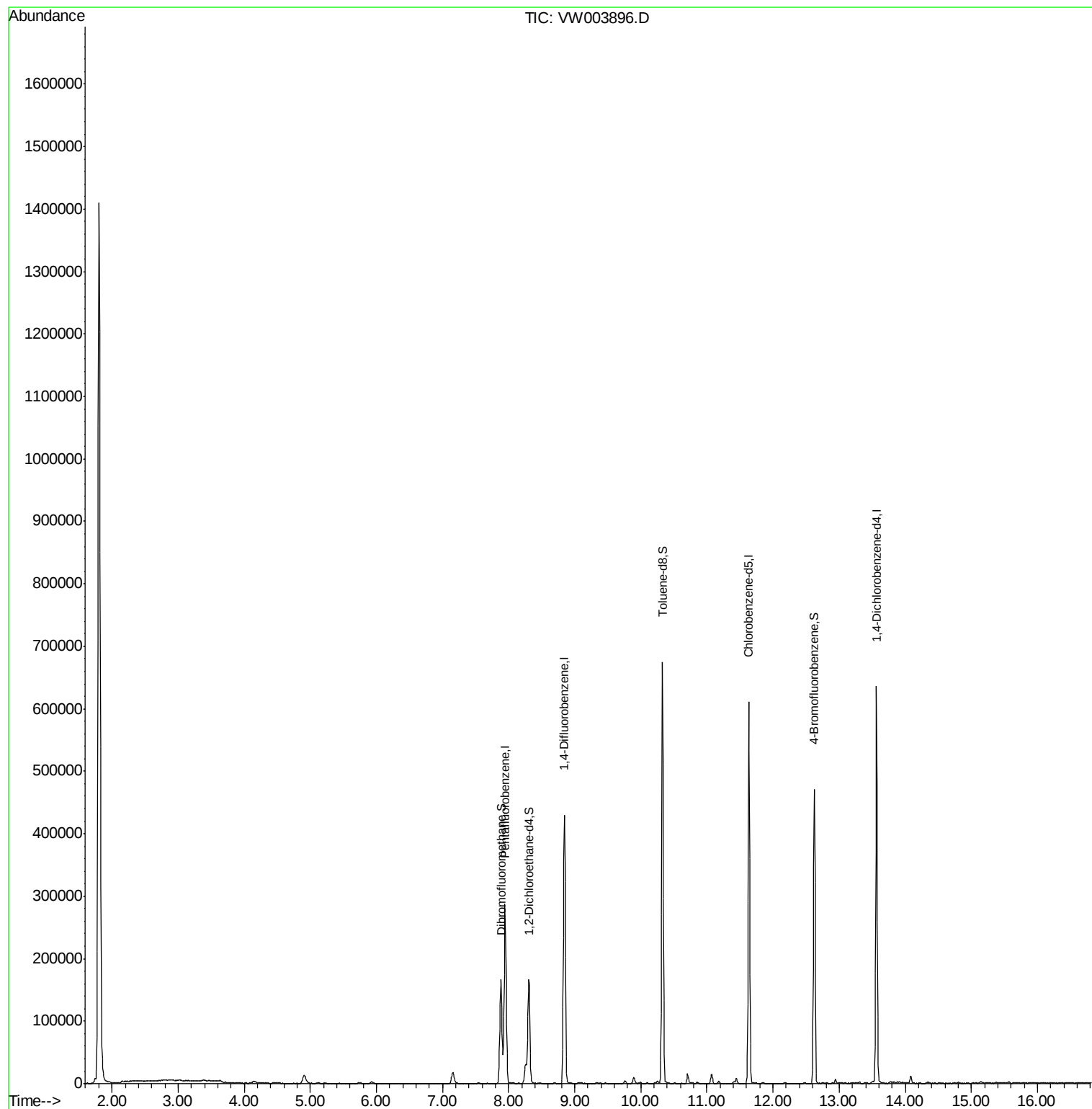
Target Compounds	Qvalue

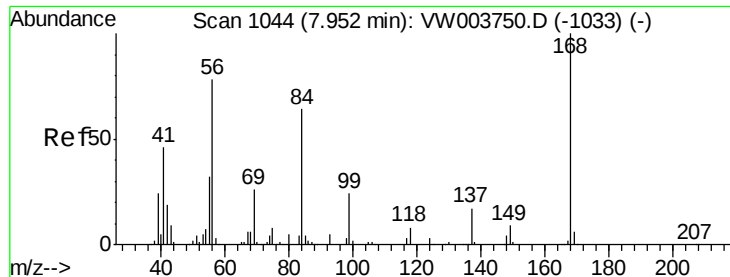
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 07 05:07:25 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003896.D

Acq: 12 Jul 2018 14:43

Instrument :

MSVOA_W

ClientSampleId :

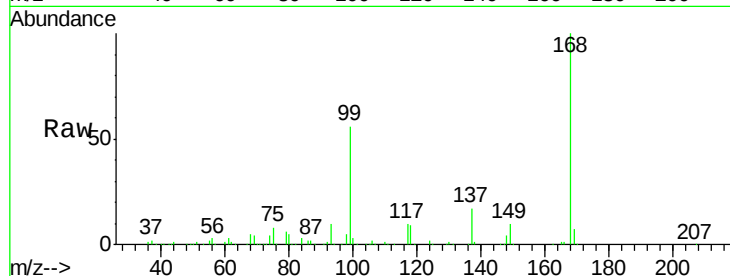
VW0712SBL01

Tot Ion:168 Resp: 210095

Ion Ratio Lower Upper

168 100

99 56.3 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

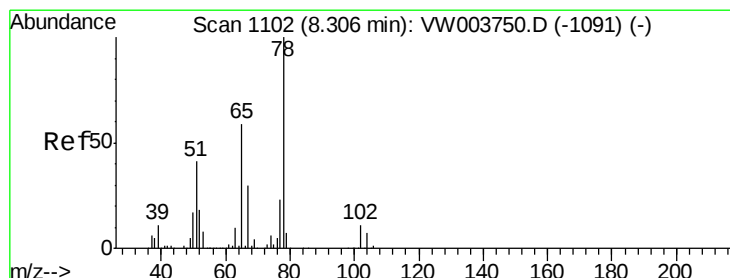
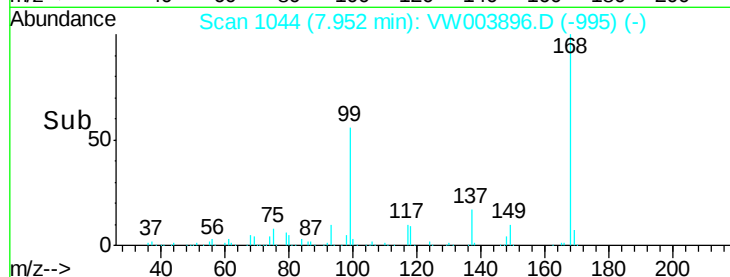
40000

20000

0

7.90 8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.620 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW003896.D

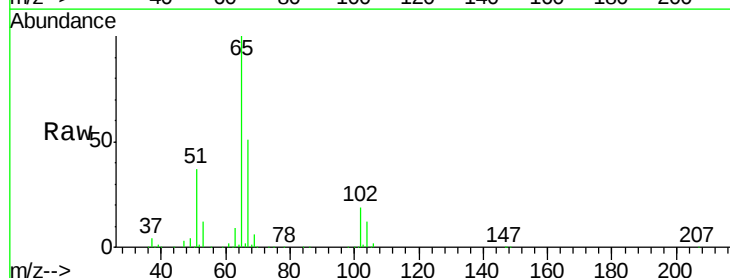
Acq: 12 Jul 2018 14:43

Tgt Ion: 65 Resp: 133582

Ion Ratio Lower Upper

65 100

67 51.9 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

60000

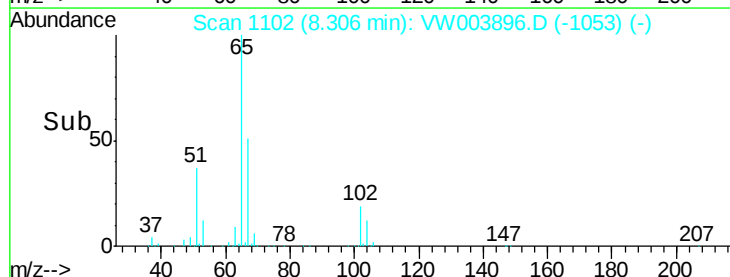
40000

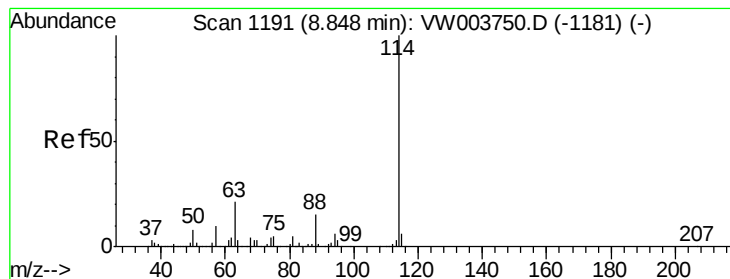
20000

0

8.20 8.30 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1190

Delta R.T. -0.01 min

Lab File: VW003896.D

Acq: 12 Jul 2018 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0712SBL01

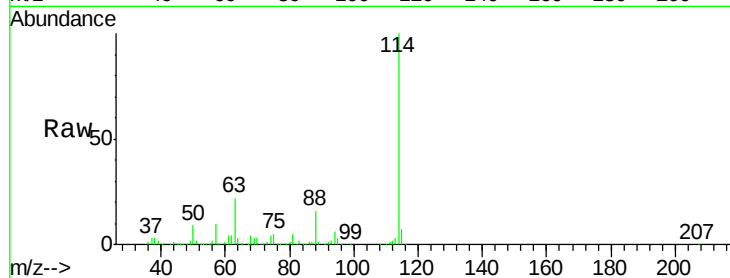
Tot Ion:114 Resp: 348255

Ion Ratio Lower Upper

114 100

63 22.2 0.0 41.8

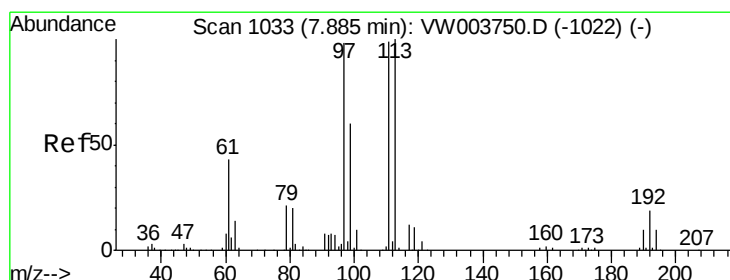
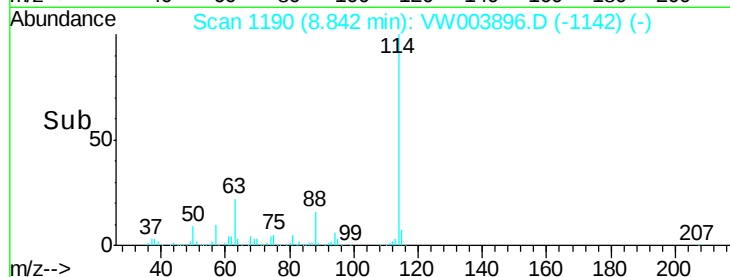
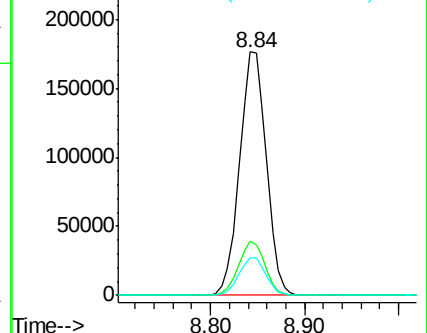
88 15.7 0.0 30.2



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: 47.347 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW003896.D

Acq: 12 Jul 2018 14:43

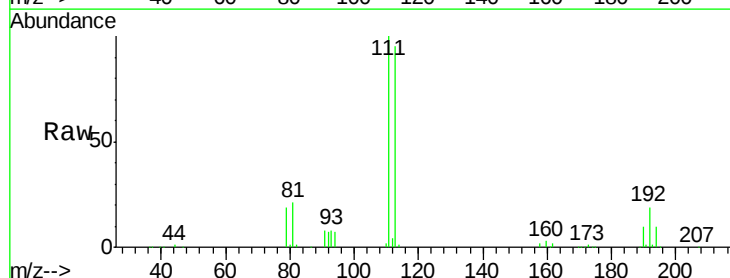
Tgt Ion:113 Resp: 115402

Ion Ratio Lower Upper

113 100

111 103.7 81.7 122.5

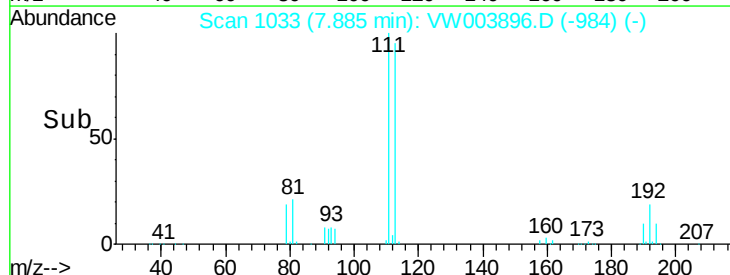
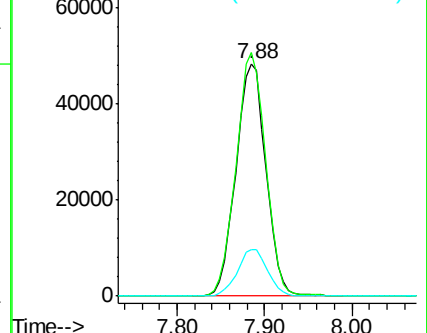
192 20.2 15.8 23.8

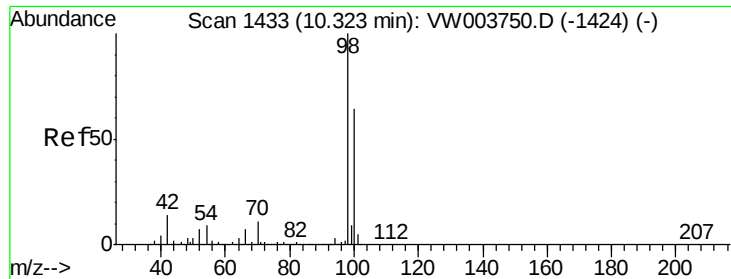


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.278 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003896.D

Acq: 12 Jul 2018 14:43

Instrument :

MSVOA_W

ClientSampleId :

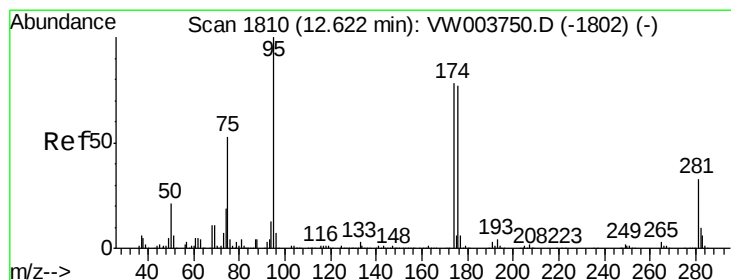
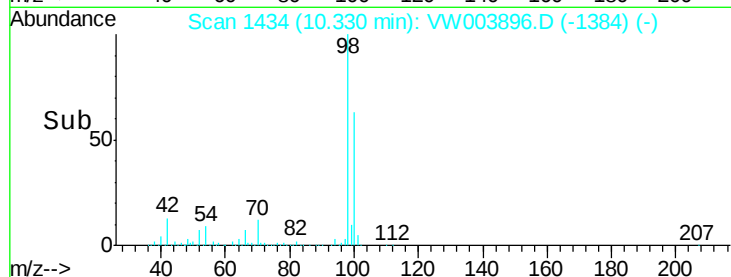
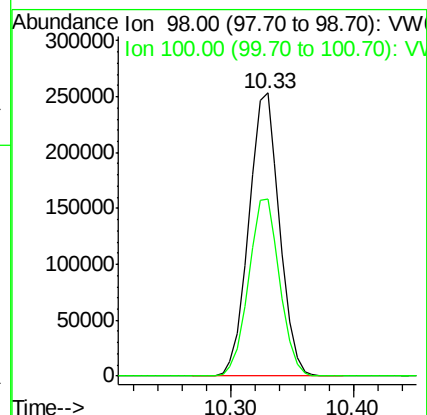
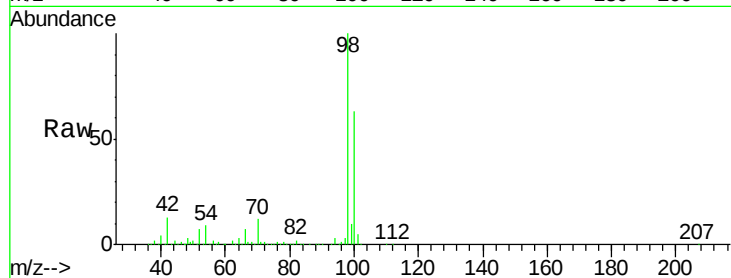
VW0712SBL01

Tot Ion: 98 Resp: 440798

Ion Ratio Lower Upper

98 100

100 63.4 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 42.680 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003896.D

Acq: 12 Jul 2018 14:43

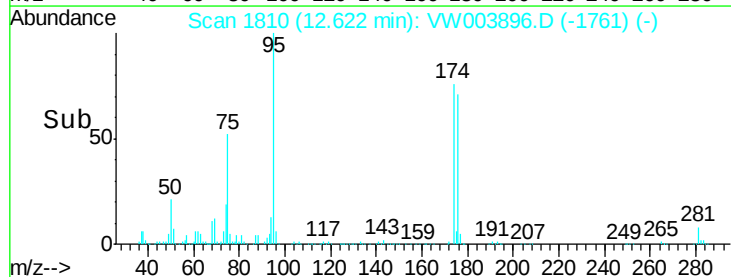
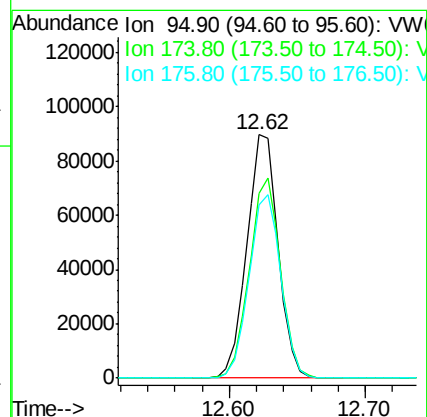
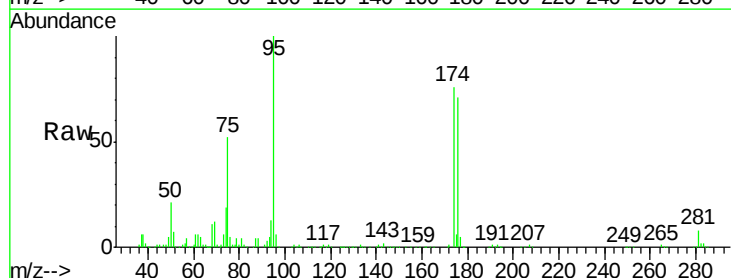
Tgt Ion: 95 Resp: 143979

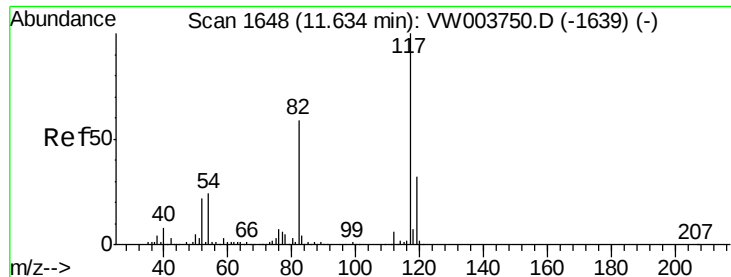
Ion Ratio Lower Upper

95 100

174 82.0 0.0 163.4

176 76.8 0.0 156.8

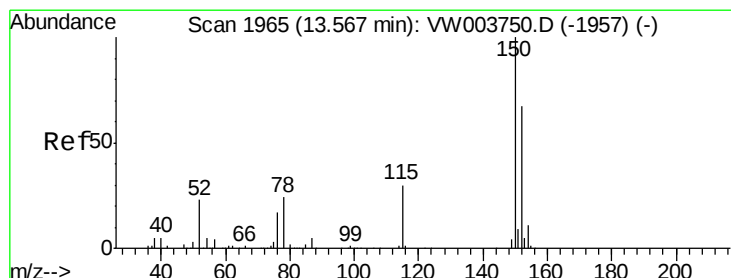
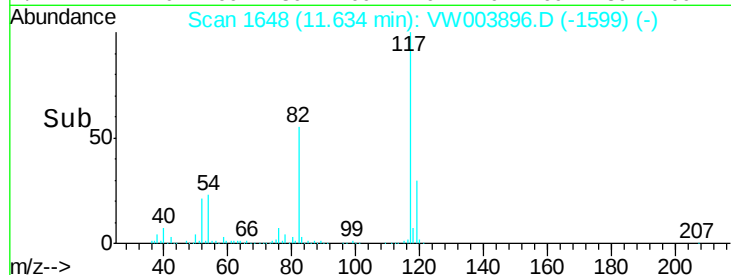
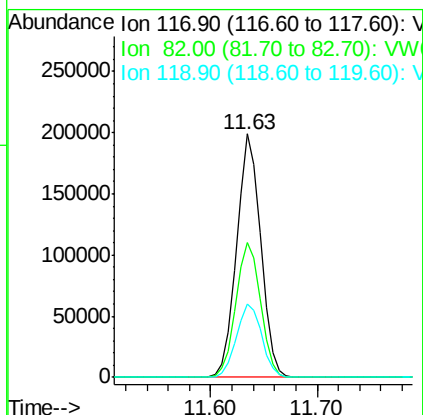
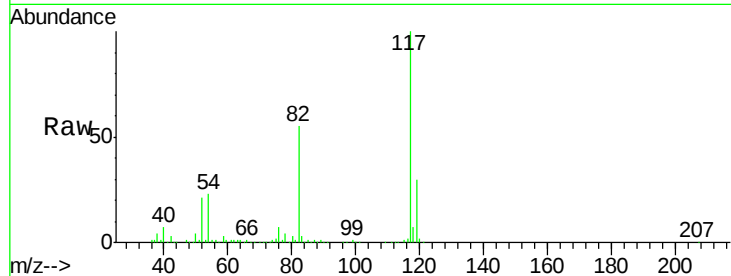




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003896.D
Acq: 12 Jul 2018 14:43

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBL01

Tot Ion:117 Resp: 316693
Ion Ratio Lower Upper
117 100
82 55.4 46.9 70.3
119 30.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003896.D
Acq: 12 Jul 2018 14:43

Tgt Ion:152 Resp: 153060
Ion Ratio Lower Upper
152 100
115 59.1 28.9 86.8
150 157.3 0.0 342.4

