

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081318\
 Data File : VW004636.D
 Acq On : 11 Aug 2018 09:43
 Operator : SY/AP
 Sample : J4272-13RE
 Misc : 6.20G/5ML/MSVOA W/SOIL
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-080918-GRE

Quant Time: Aug 13 01:25:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	616172	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1047642	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	826170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	293970	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	364415	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	
35) Dibromofluoromethane	7.88	113	334560	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
50) Toluene-d8	10.33	98	951549	35.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.46%	
62) 4-Bromofluorobenzene	12.63	95	285660	29.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	59.56%	

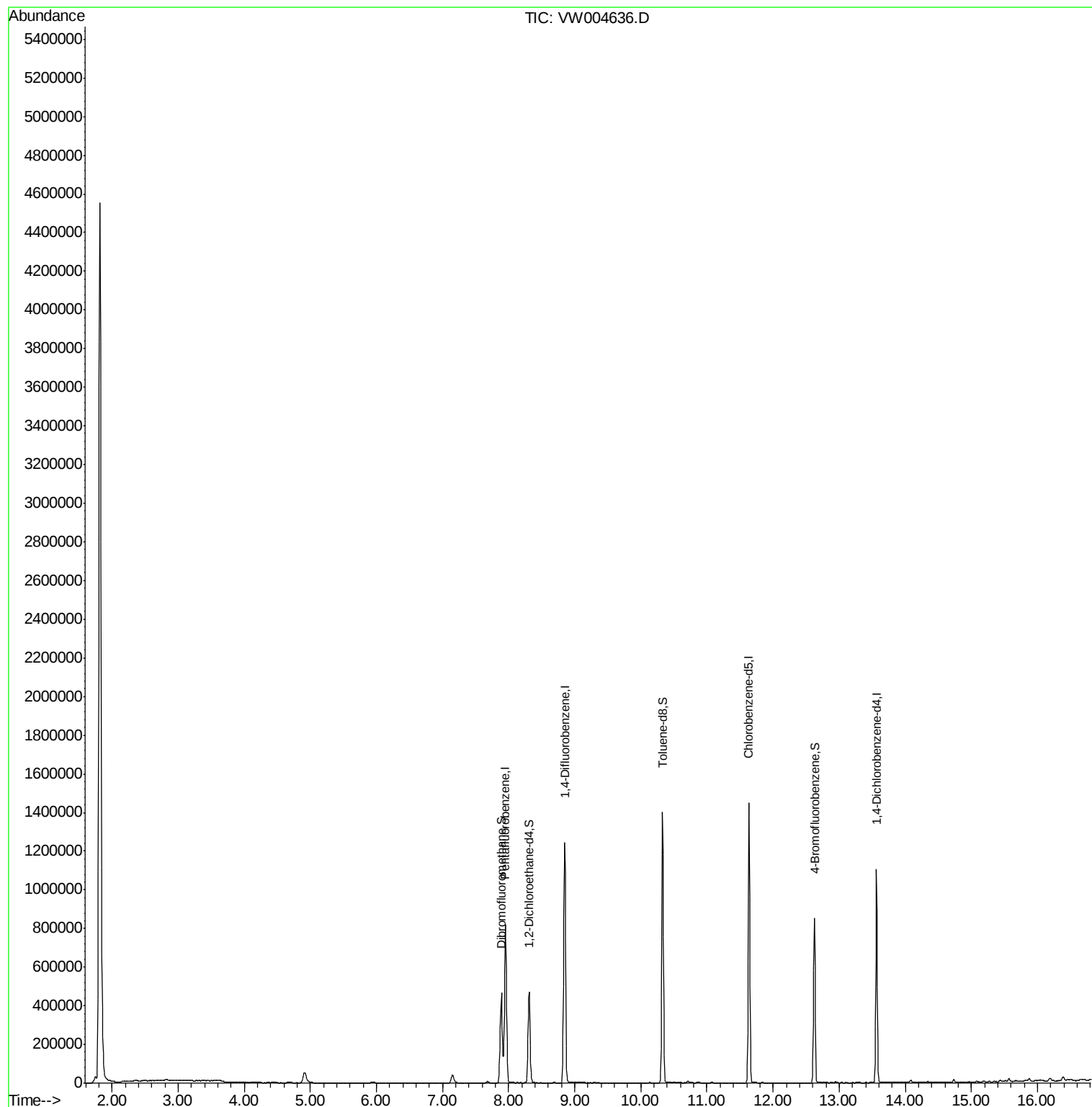
Target Compounds	Qvalue

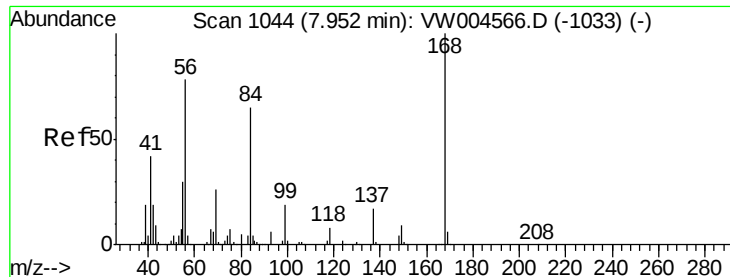
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

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Acq: 11 Aug 2018 09:43

Instrument :

MSVOA_W

ClientSampleId :

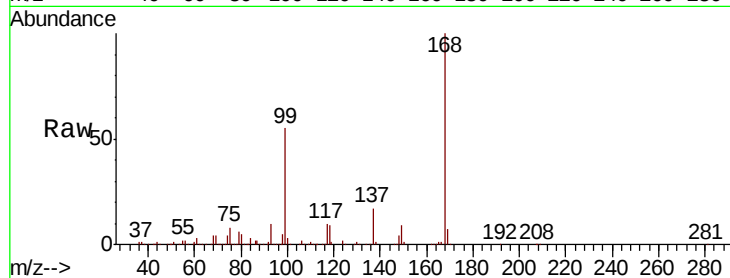
JC-03-080918-GRE

Tot Ion:168 Resp: 616172

Ion Ratio Lower Upper

168 100

99 55.4 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

300000

250000

200000

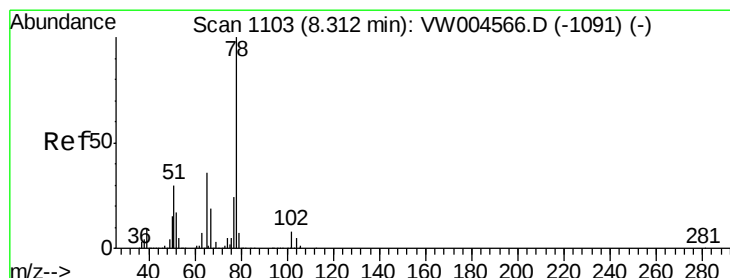
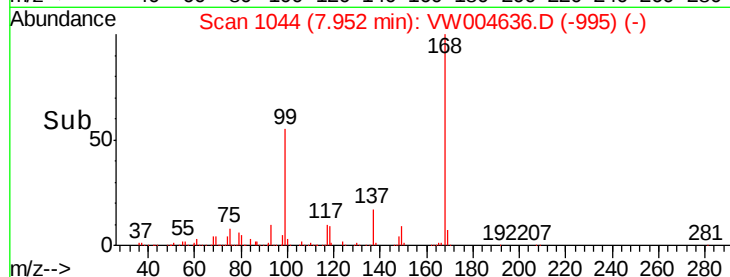
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 53.43 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW004636.D

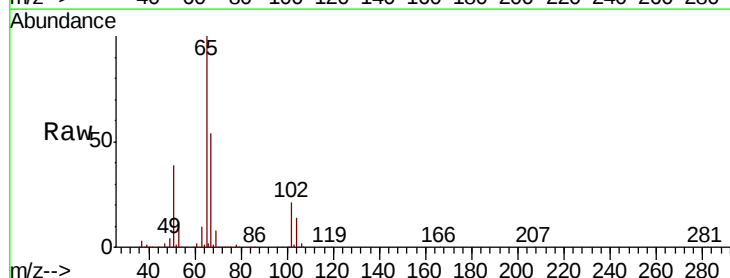
Acq: 11 Aug 2018 09:43

Tgt Ion: 65 Resp: 364415

Ion Ratio Lower Upper

65 100

67 54.0 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

200000

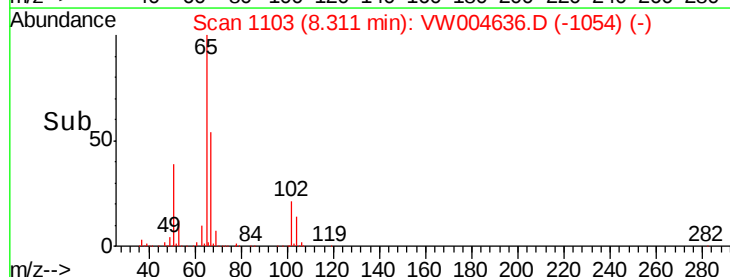
150000

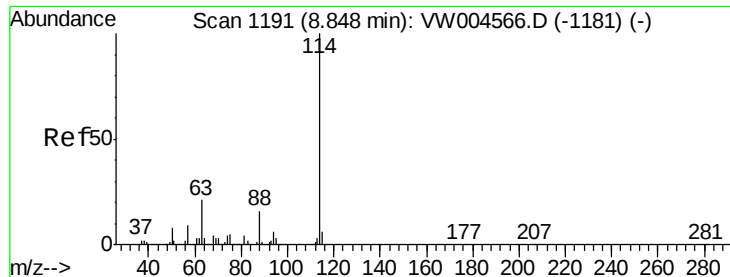
100000

50000

0

Time--> 8.20 8.30 8.40

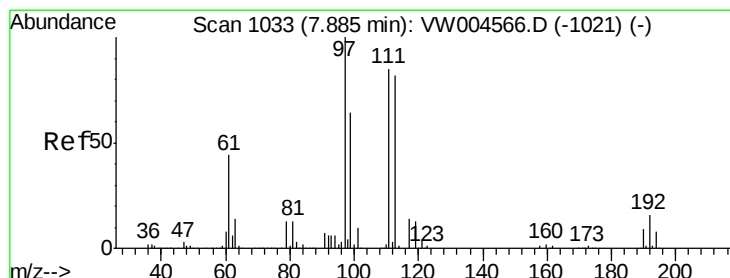
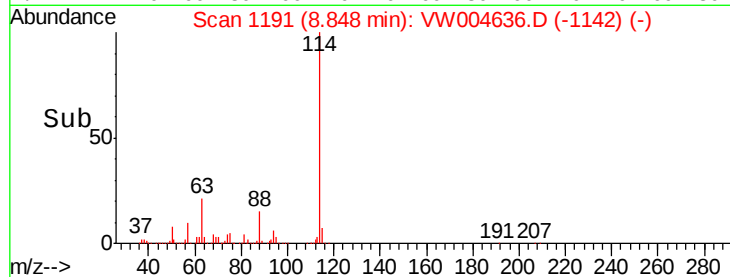
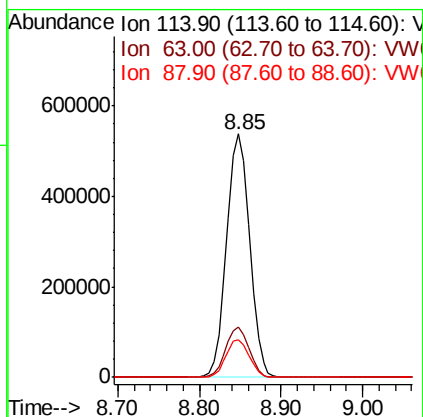
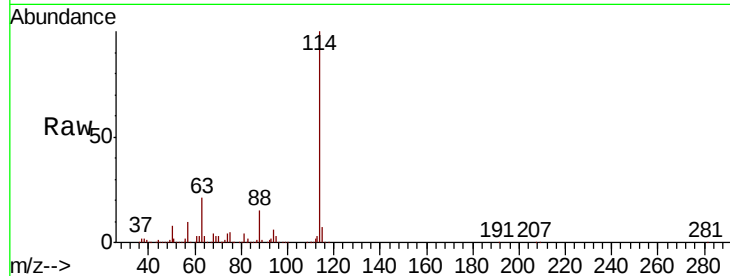




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004636.D
 Acq: 11 Aug 2018 09:43

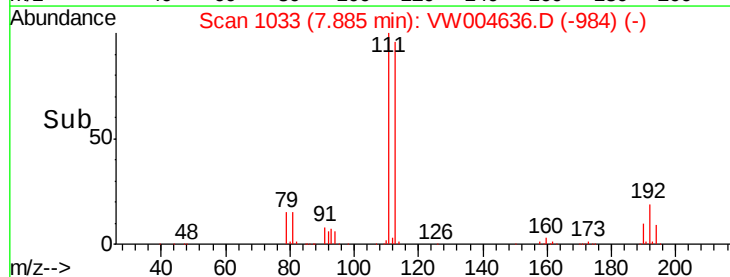
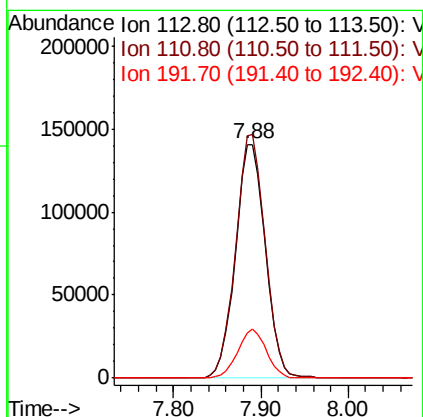
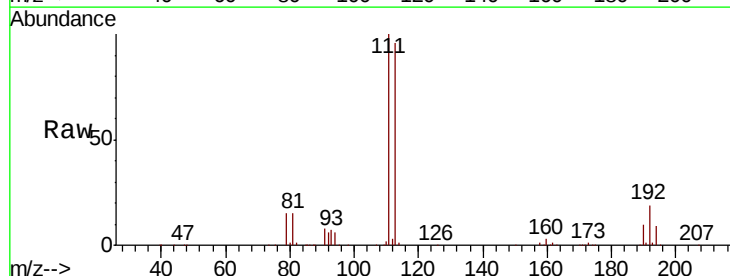
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-080918-GRE

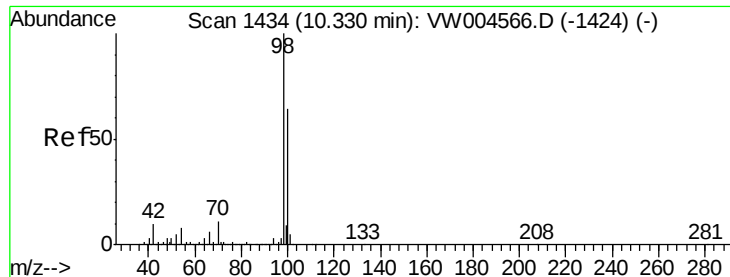
Tot Ion:114 Resp: 1047642
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.4
 88 15.4 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 47.89 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004636.D
 Acq: 11 Aug 2018 09:43

Tgt Ion:113 Resp: 334560
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.9 124.3
 192 20.3 15.8 23.6





#50

Toluene-d8

Concen: 35.73 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004636.D

Acq: 11 Aug 2018 09:43

Instrument :

MSVOA_W

ClientSampleId :

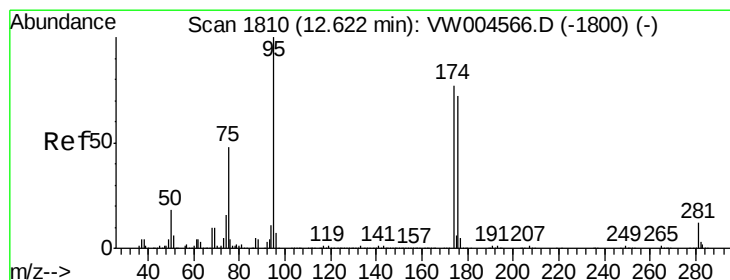
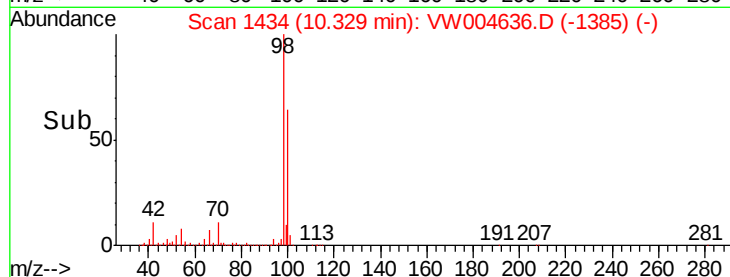
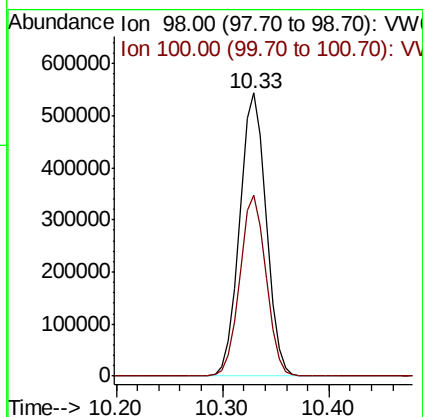
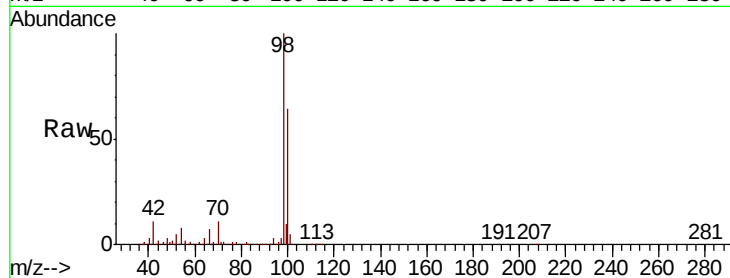
JC-03-080918-GRE

Tot Ion: 98 Resp: 951549

Ion Ratio Lower Upper

98 100

100 63.2 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 29.78 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW004636.D

Acq: 11 Aug 2018 09:43

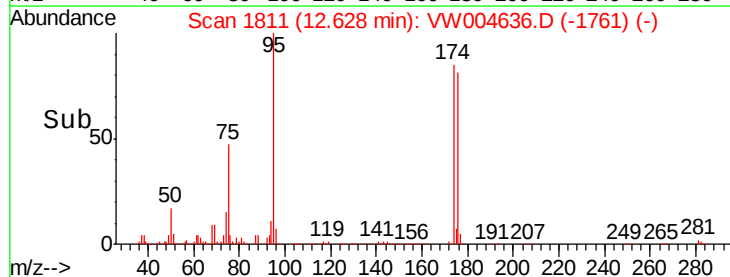
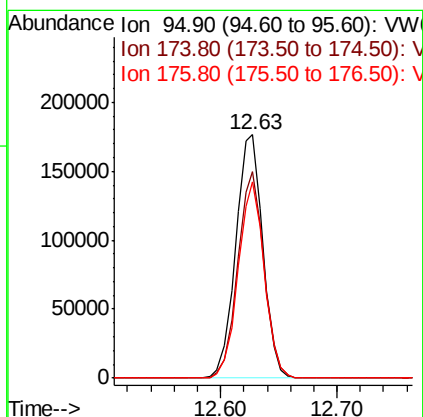
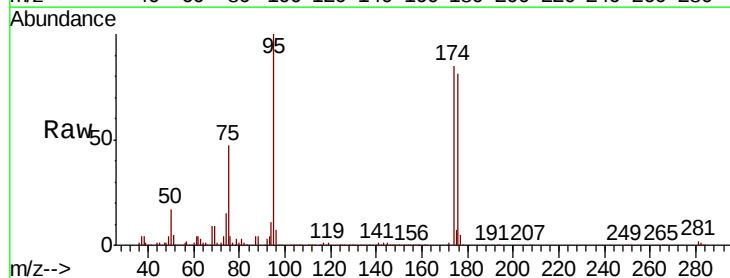
Tgt Ion: 95 Resp: 285660

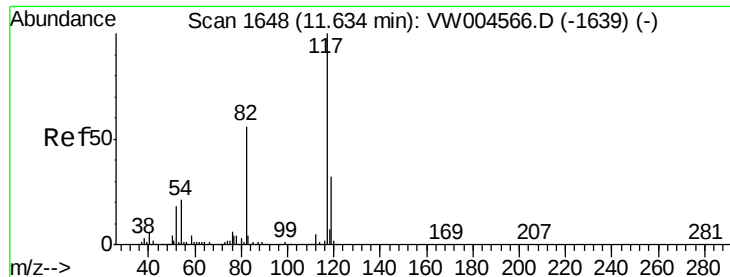
Ion Ratio Lower Upper

95 100

174 82.5 0.0 160.4

176 77.8 0.0 153.2

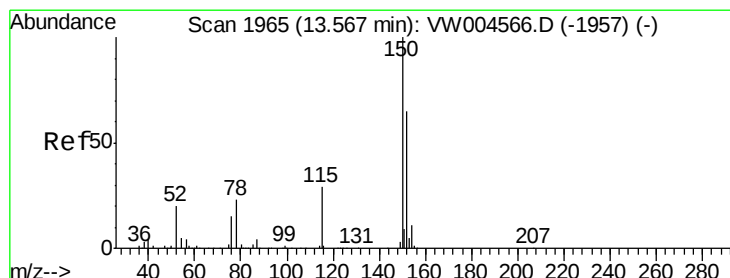
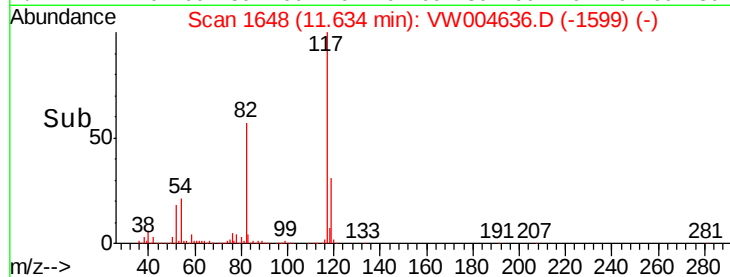
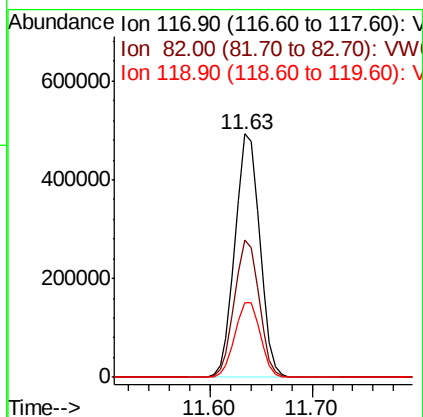
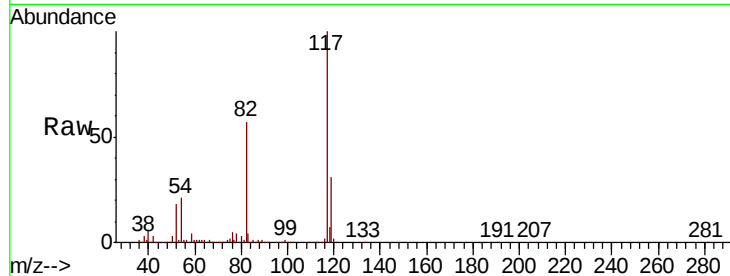




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004636.D
Acq: 11 Aug 2018 09:43

Instrument :
MSVOA_W
ClientSampleId :
JC-03-080918-GRE

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.6	45.3	67.9
119	30.6	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004636.D
Acq: 11 Aug 2018 09:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.8	29.1	87.3
150	155.5	0.0	349.6

