

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\
 Data File : VW004792.D
 Acq On : 20 Aug 2018 15:45
 Operator : SY/AP
 Sample : J4538-01
 Misc : 17.63G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSS1

Quant Time: Aug 21 01:13:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	626020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1036320	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	900841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	349054	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	321696	53.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.30%	
35) Dibromofluoromethane	7.88	113	300585	45.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.76%	
50) Toluene-d8	10.33	98	1138507	44.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.06%	
62) 4-Bromofluorobenzene	12.62	95	364208	39.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.30%	

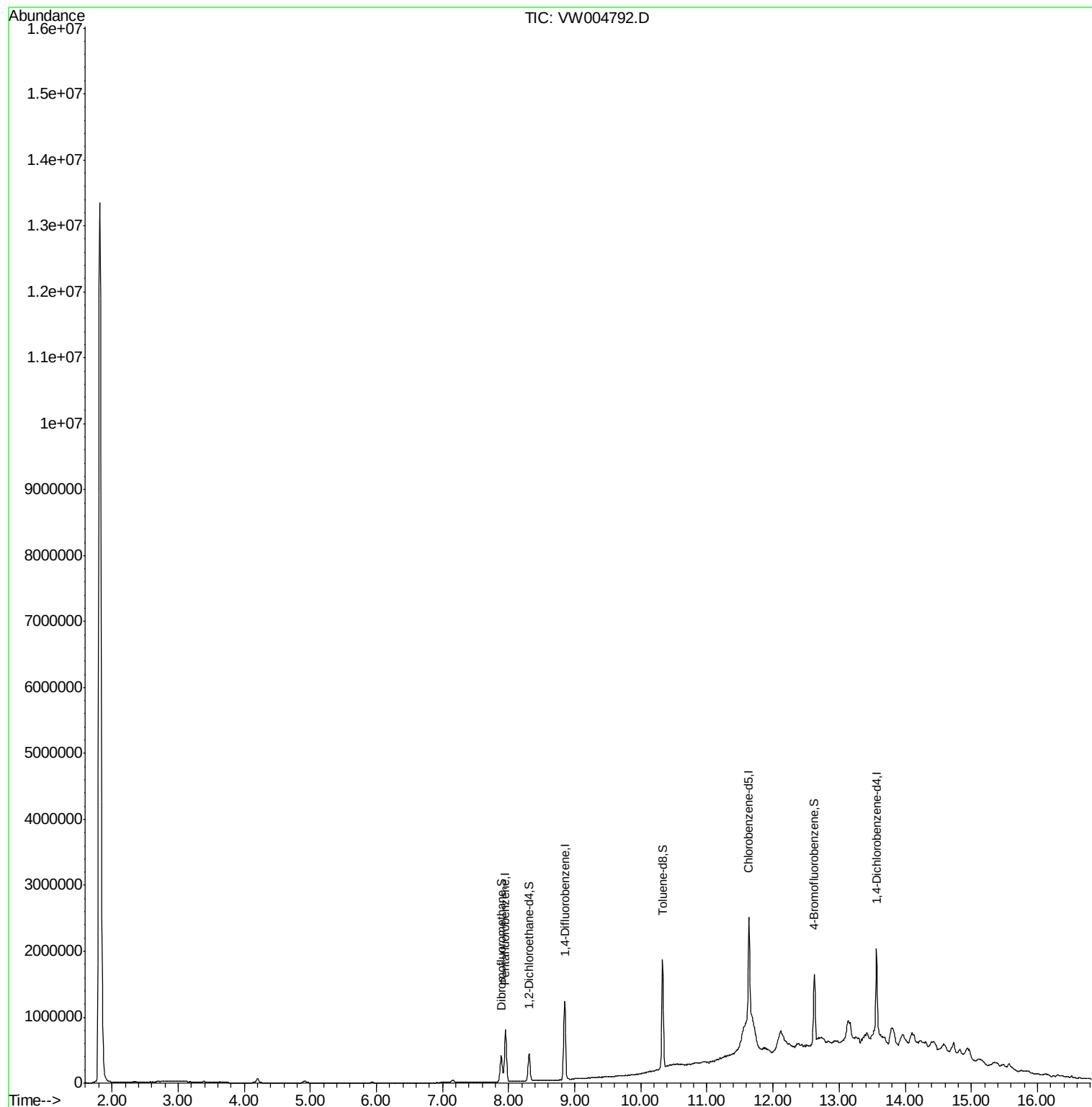
Target Compounds	Qvalue
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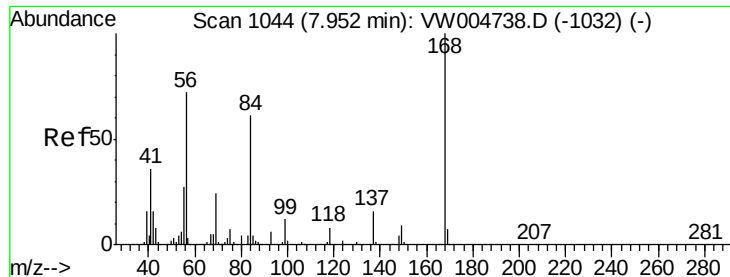
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004792.D

Acq: 20 Aug 2018 15:45

Instrument :

MSVOA_W

ClientSampled :

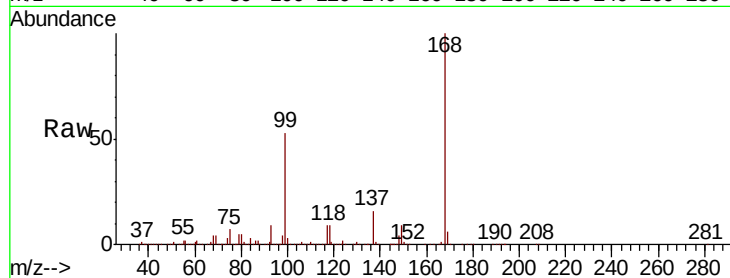
VSS1

Tot Ion:168 Resp: 626020

Ion Ratio Lower Upper

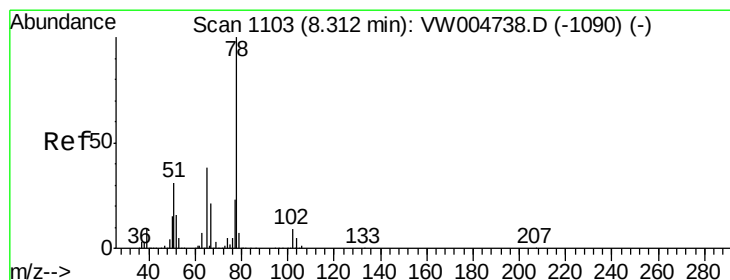
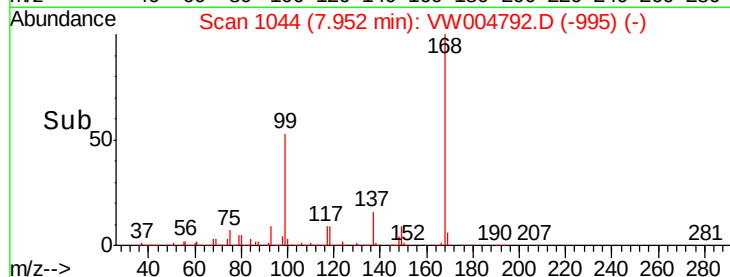
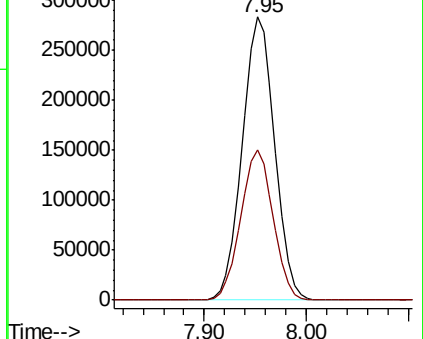
168 100

99 53.0 41.0 61.4



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: 53.15 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW004792.D

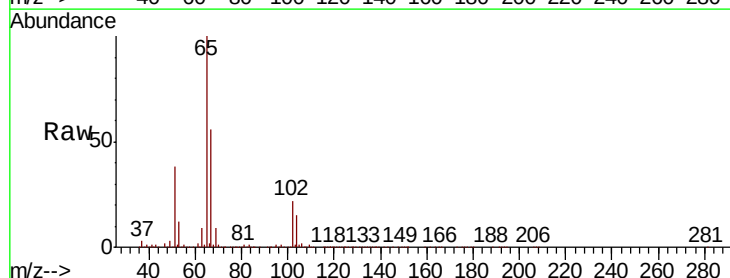
Acq: 20 Aug 2018 15:45

Tgt Ion: 65 Resp: 321696

Ion Ratio Lower Upper

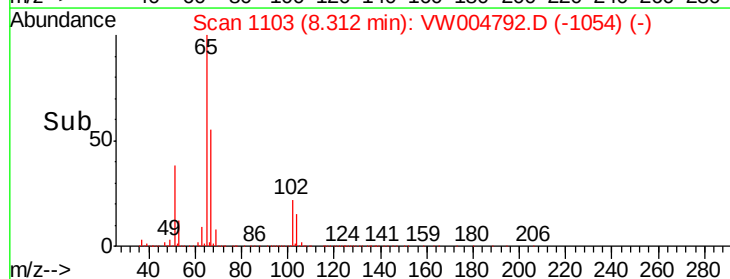
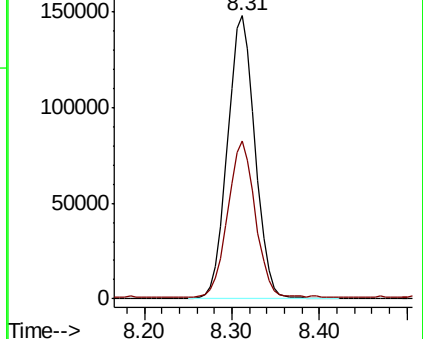
65 100

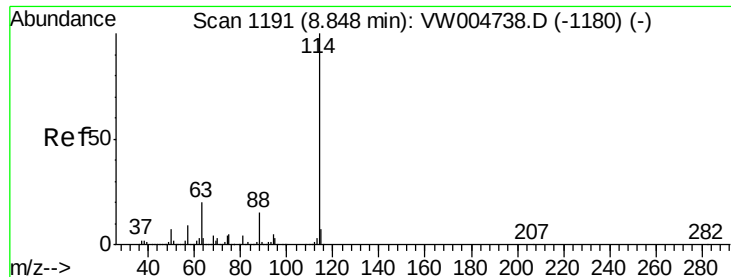
67 55.2 0.0 109.4



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: VW004792.D

Acq: 20 Aug 2018 15:45

Instrument :

MSVOA_W

ClientSampleId :

VSS1

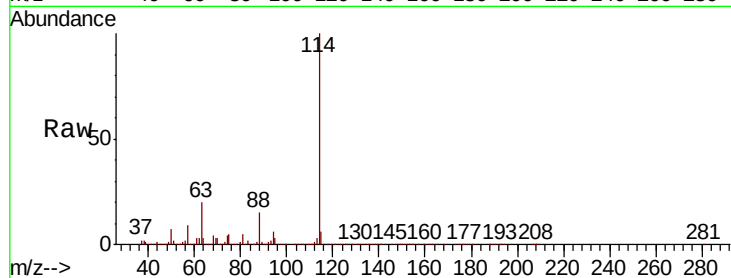
Tot Ion:114 Resp: 1036320

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.0

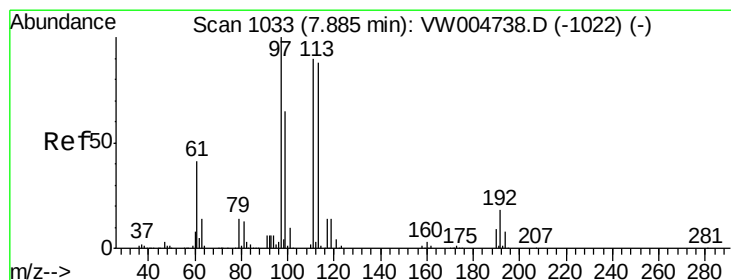
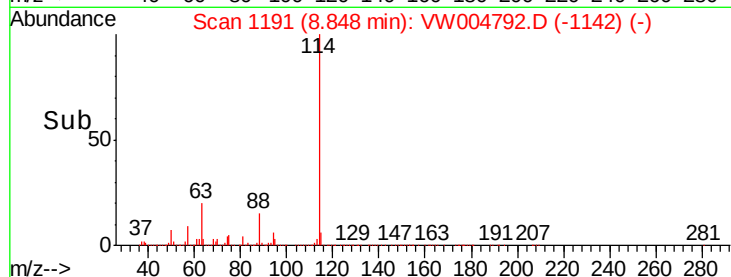
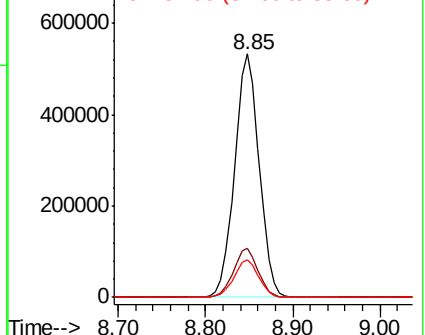
88 15.5 0.0 30.0



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: 45.38 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW004792.D

Acq: 20 Aug 2018 15:45

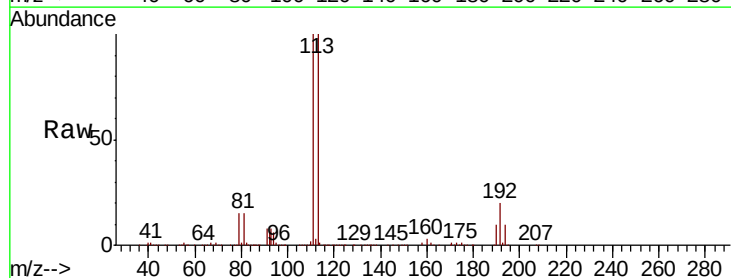
Tgt Ion:113 Resp: 300585

Ion Ratio Lower Upper

113 100

111 101.6 82.4 123.6

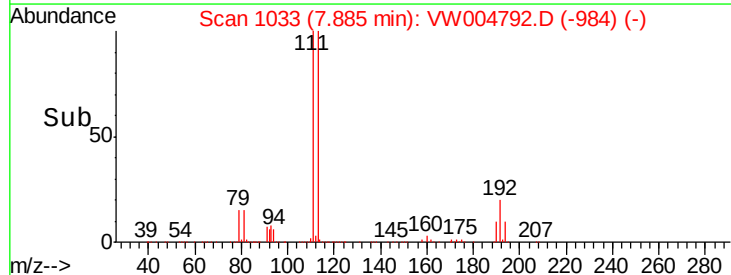
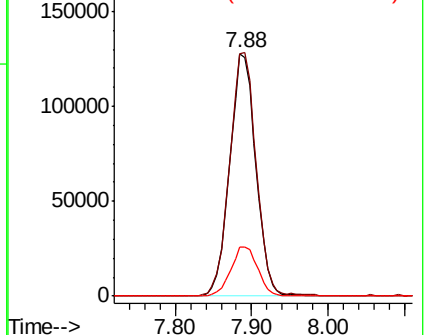
192 21.0 16.7 25.1

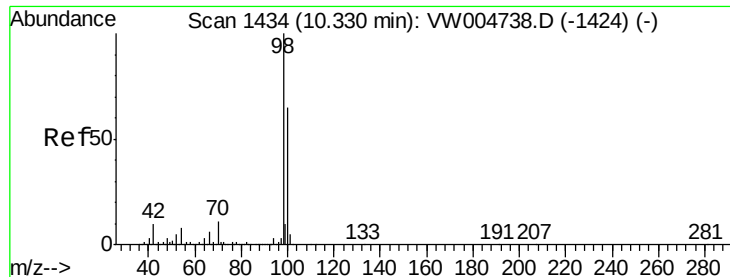


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 44.03 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004792.D

Acq: 20 Aug 2018 15:45

Instrument :

MSVOA_W

ClientSampleId :

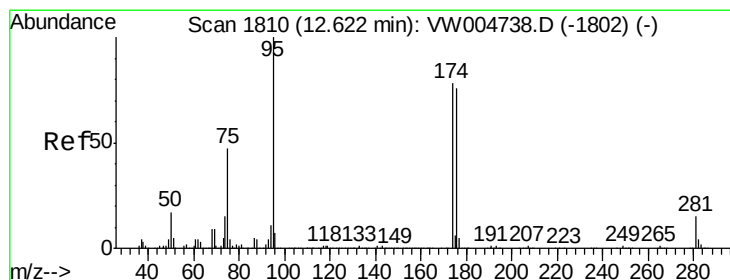
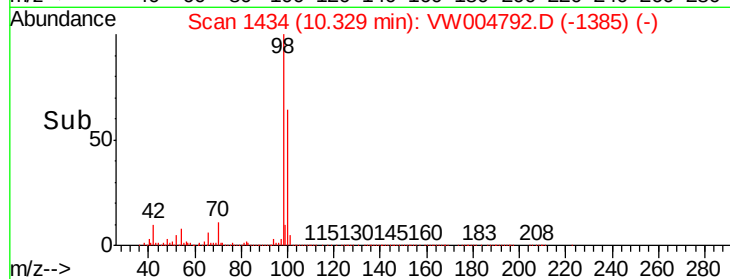
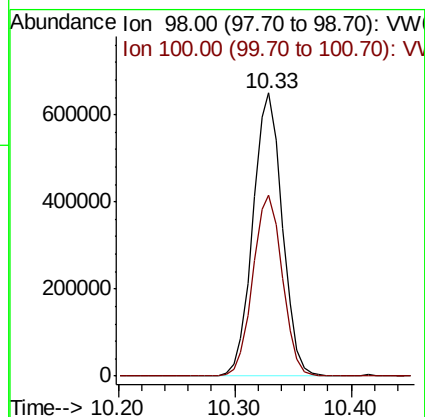
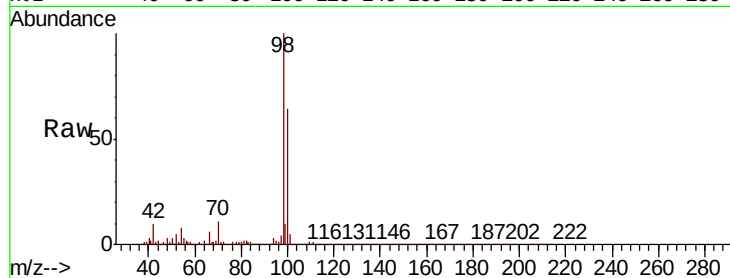
VSS1

Tot Ion: 98 Resp: 1138507

Ion Ratio Lower Upper

98 100

100 64.5 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 39.15 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004792.D

Acq: 20 Aug 2018 15:45

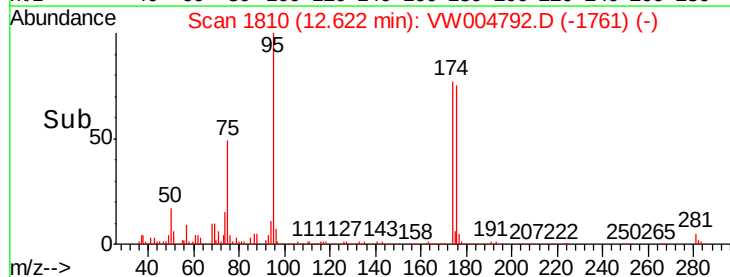
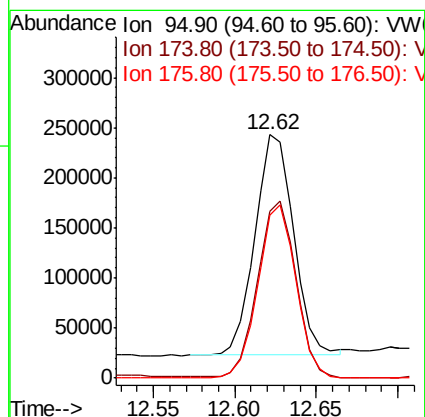
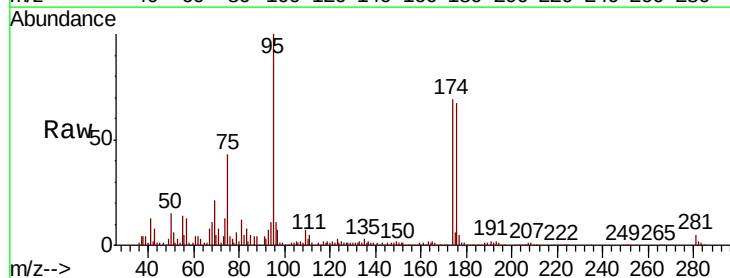
Tgt Ion: 95 Resp: 364208

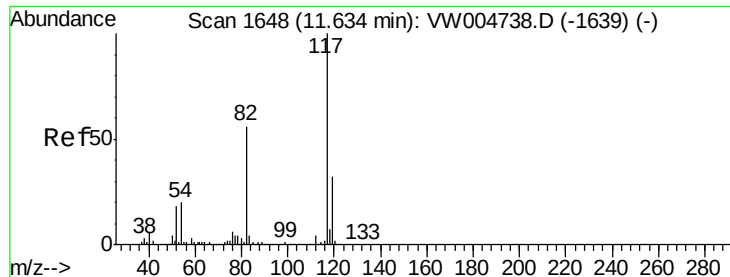
Ion Ratio Lower Upper

95 100

174 79.0 0.0 165.8

176 76.4 0.0 159.8

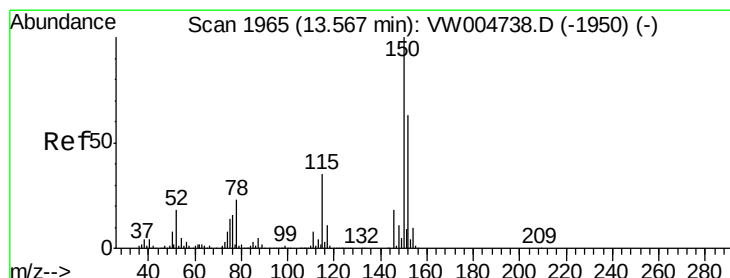
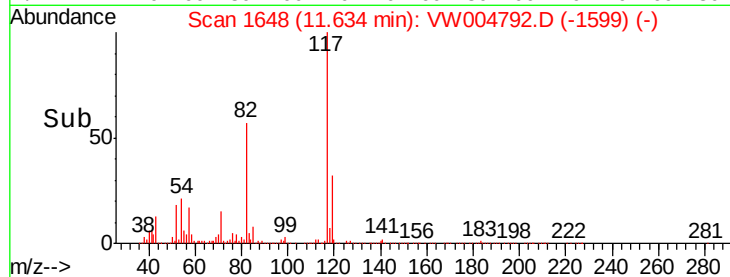
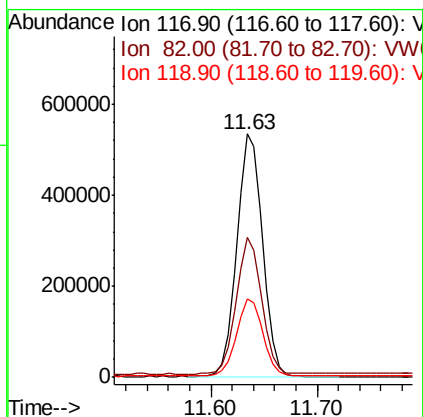
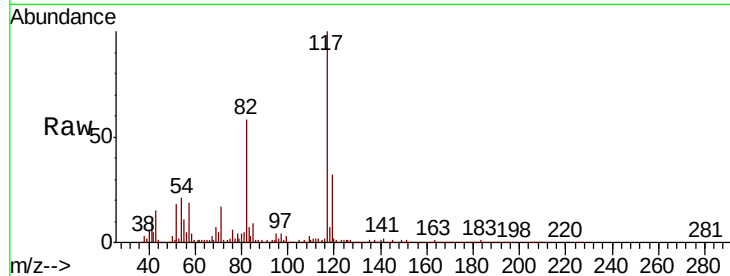




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004792.D
Acq: 20 Aug 2018 15:45

Instrument :
MSVOA_W
ClientSampleId :
VSS1

Tot Ion:117 Resp: 900841
Ion Ratio Lower Upper
117 100
82 56.4 44.6 67.0
119 31.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004792.D
Acq: 20 Aug 2018 15:45

Tgt Ion:152 Resp: 349054
Ion Ratio Lower Upper
152 100
115 60.1 28.5 85.5
150 155.4 0.0 344.8

