

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082118\
 Data File : VW004867.D
 Acq On : 22 Aug 2018 04:28
 Operator : SY/AP
 Sample : J4275-17
 Misc : 6.41G/5ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-082018-E

Quant Time: Aug 22 08:18:02 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	7.96	168	23920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	35298	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	23904	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	7835	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	13551	58.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.20%	
35) Dibromofluoromethane	7.89	113	13131	58.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.40%	
50) Toluene-d8	10.33	98	18774	21.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.64%	
62) 4-Bromofluorobenzene	12.62	95	8436	26.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	53.26%	

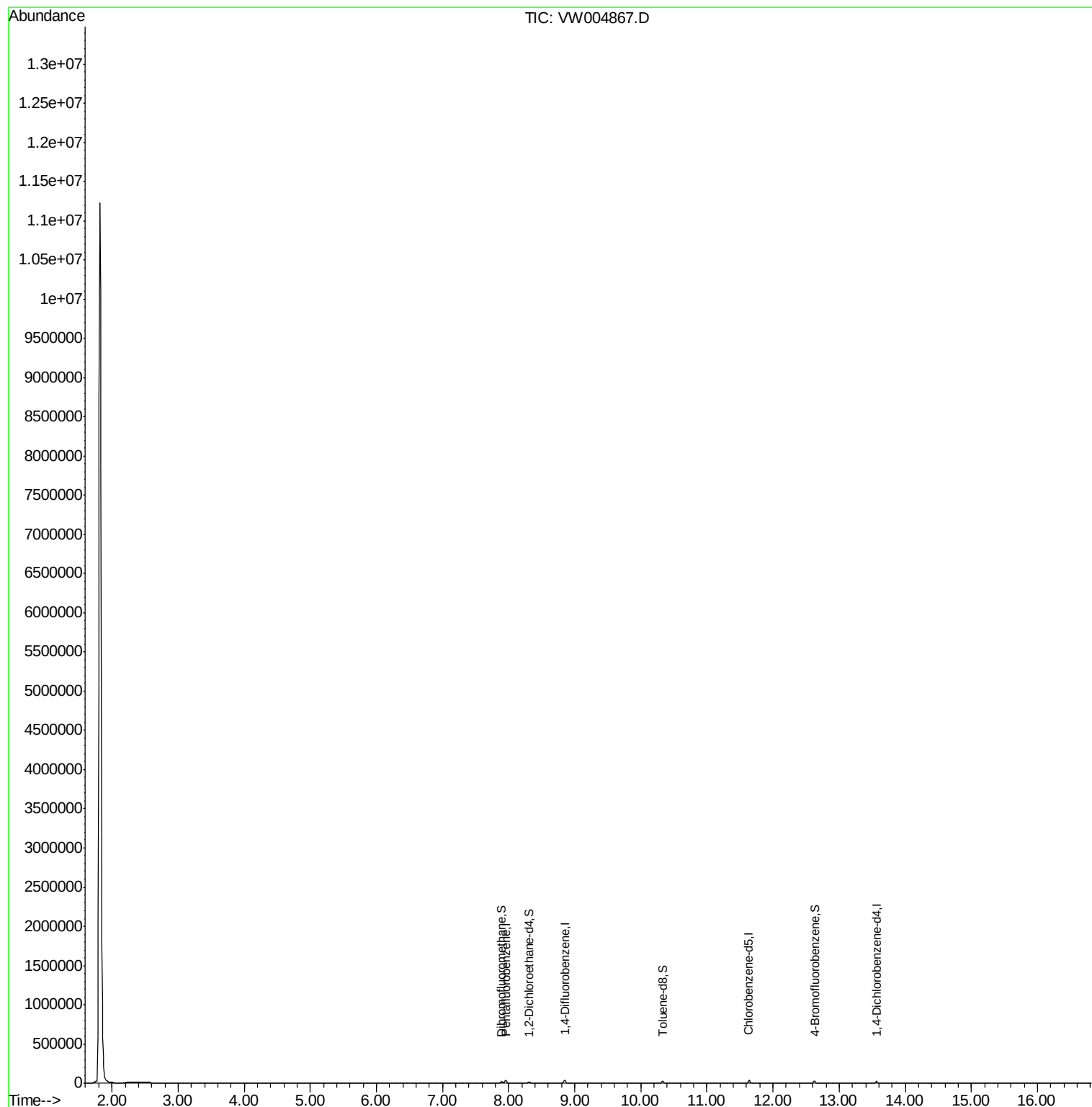
Target Compounds	Qvalue

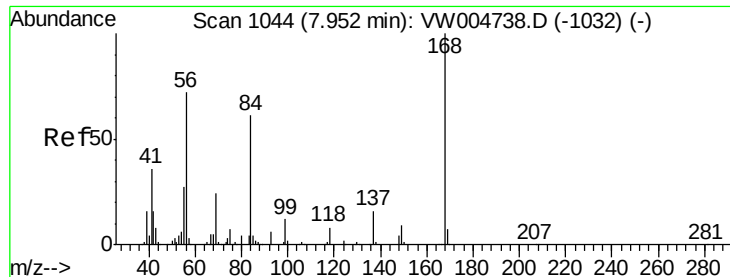
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.01 min

Lab File: VW004867.D

Acq: 22 Aug 2018 04:28

Instrument :

MSVOA_W

ClientSampleId :

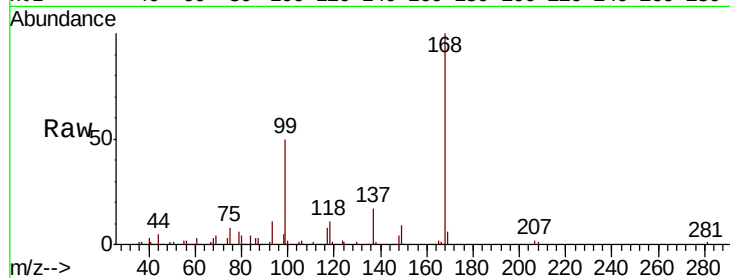
CL-01-082018-E

Tot Ion:168 Resp: 23920

Ion Ratio Lower Upper

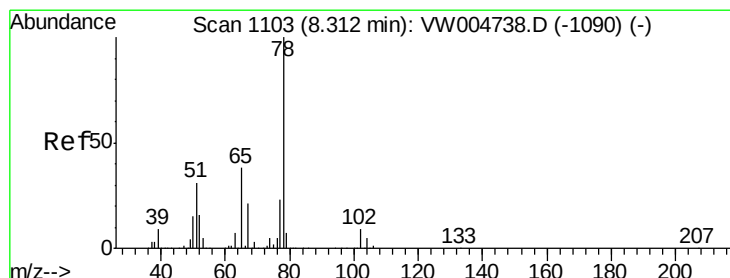
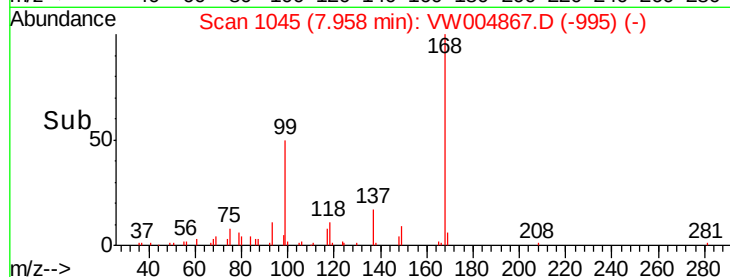
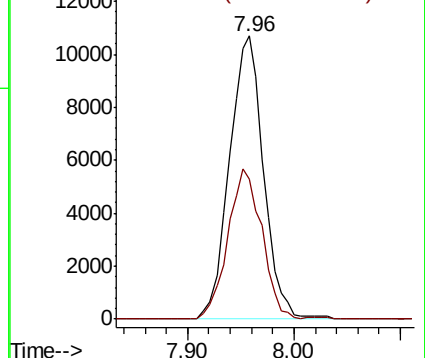
168 100

99 49.5 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: 58.60 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW004867.D

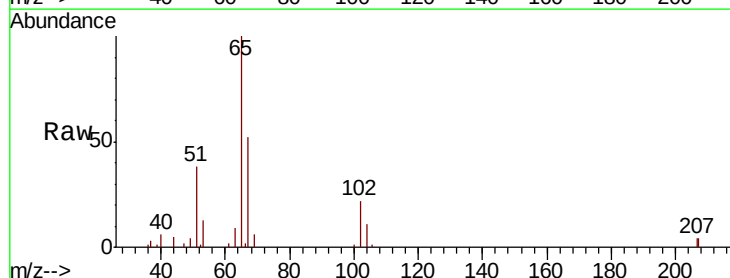
Acq: 22 Aug 2018 04:28

Tgt Ion: 65 Resp: 13551

Ion Ratio Lower Upper

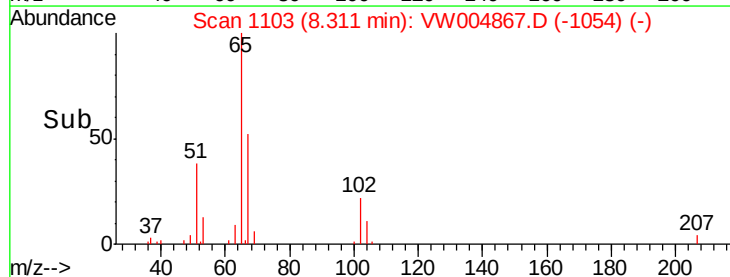
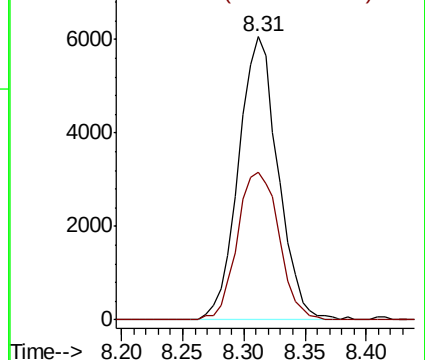
65 100

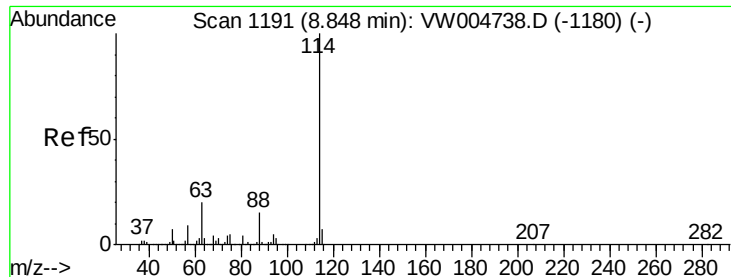
67 55.2 0.0 109.4



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: VW004867.D

Acq: 22 Aug 2018 04:28

Instrument :

MSVOA_W

ClientSampleId :

CL-01-082018-E

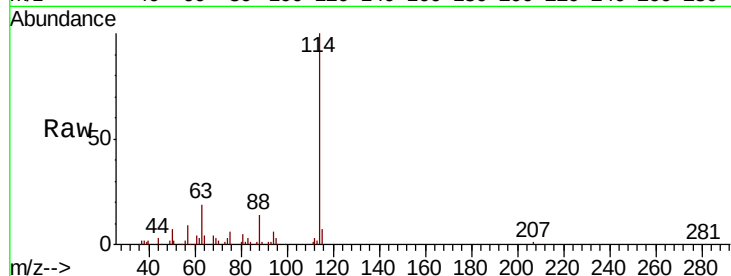
Tot Ion:114 Resp: 35298

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.0

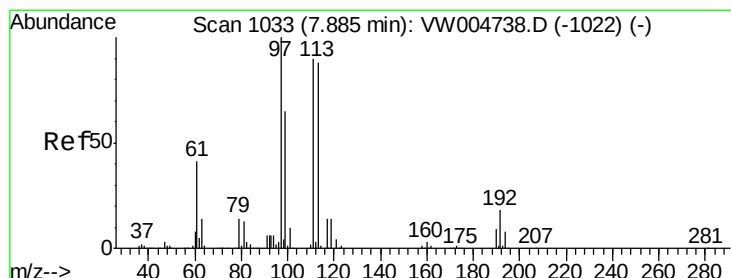
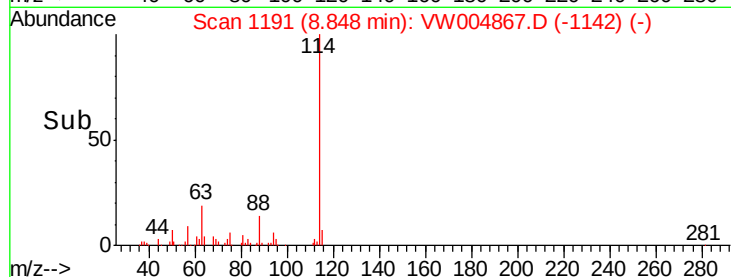
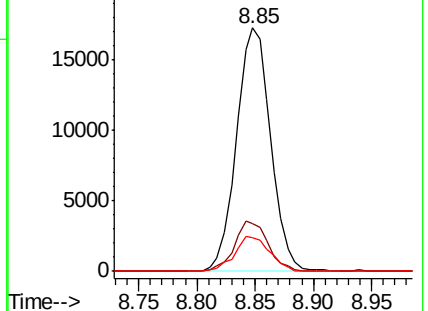
88 13.7 0.0 30.0



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: 58.20 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW004867.D

Acq: 22 Aug 2018 04:28

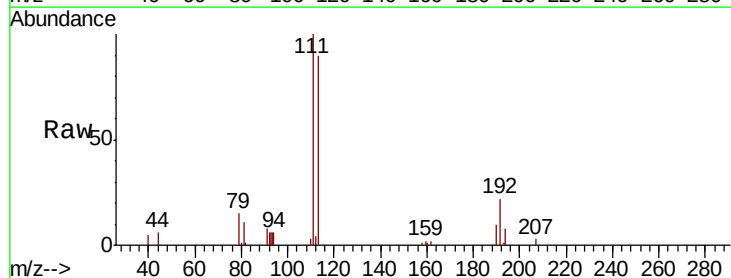
Tgt Ion:113 Resp: 13131

Ion Ratio Lower Upper

113 100

111 107.4 82.4 123.6

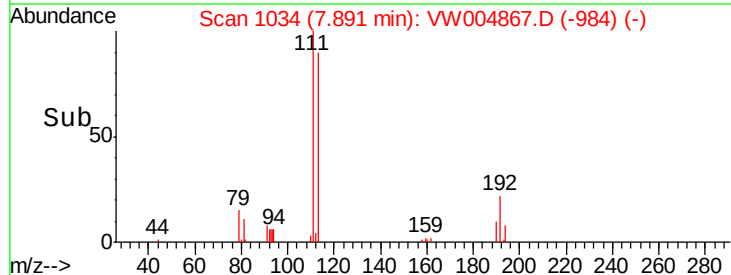
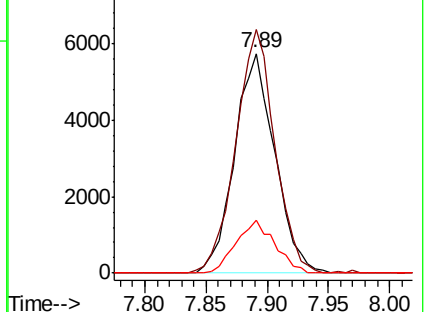
192 23.2 16.7 25.1

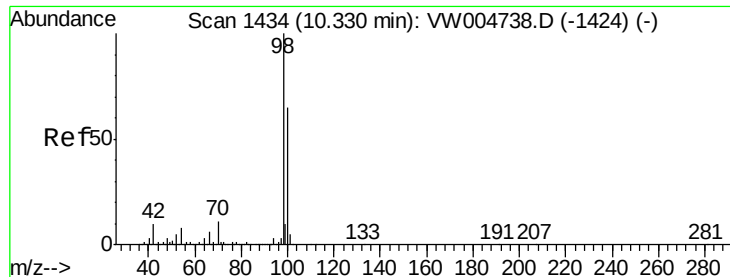


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 21.32 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004867.D

Acq: 22 Aug 2018 04:28

Instrument :

MSVOA_W

ClientSampleId :

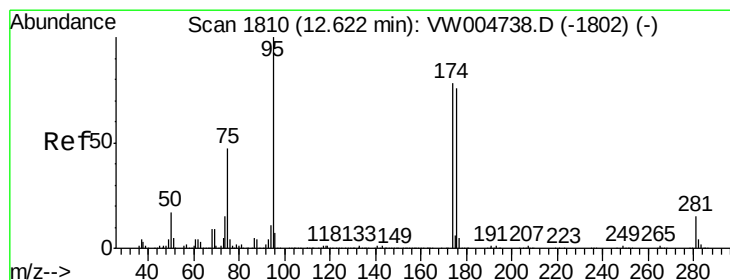
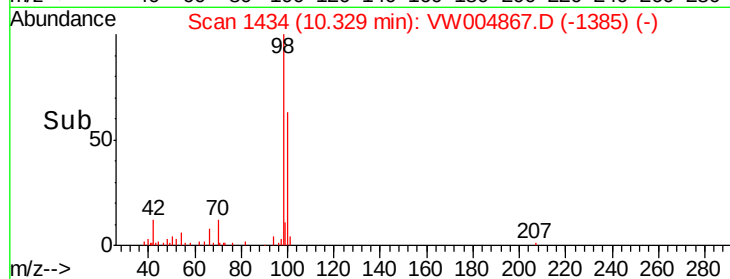
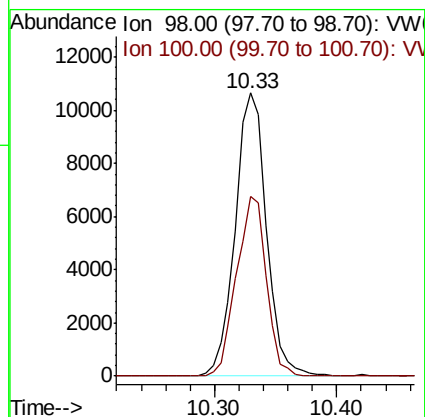
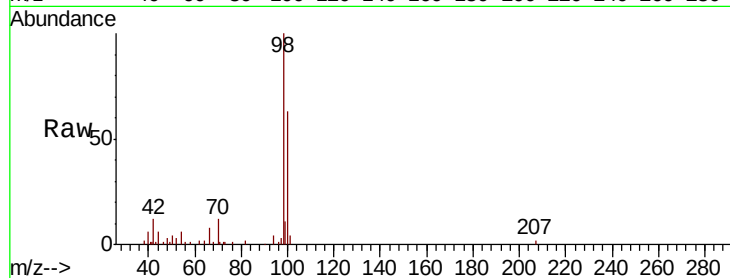
CL-01-082018-E

Tot Ion: 98 Resp: 18774

Ion Ratio Lower Upper

98 100

100 60.5 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 26.63 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004867.D

Acq: 22 Aug 2018 04:28

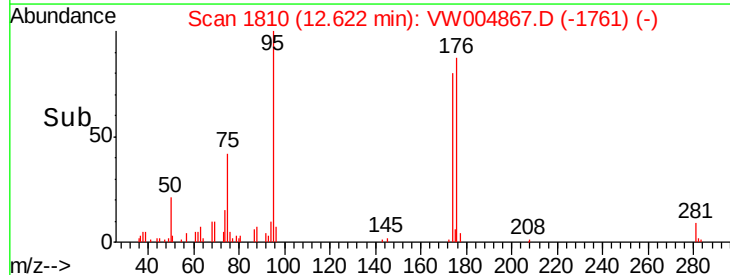
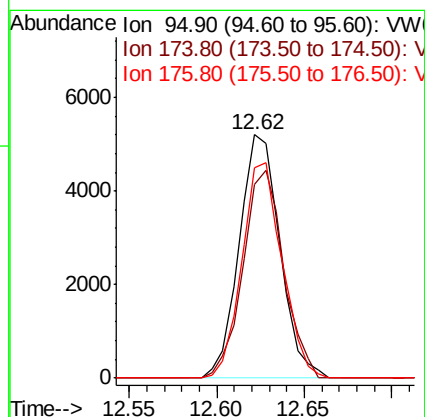
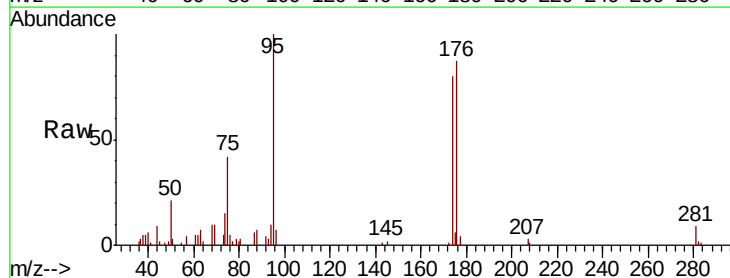
Tgt Ion: 95 Resp: 8436

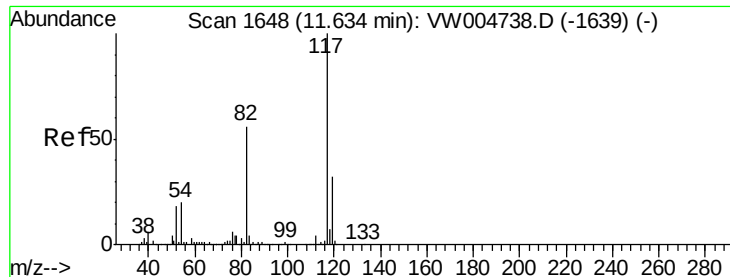
Ion Ratio Lower Upper

95 100

174 85.2 0.0 165.8

176 86.9 0.0 159.8

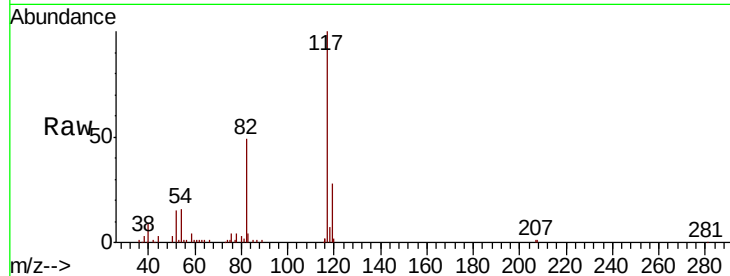




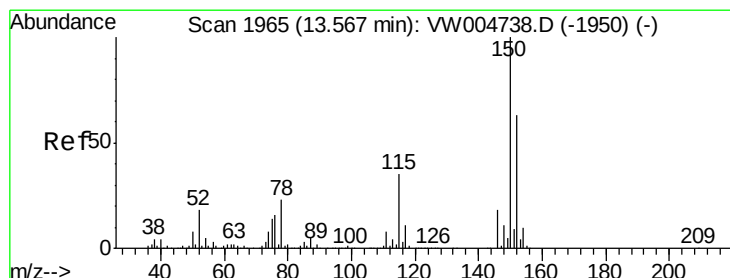
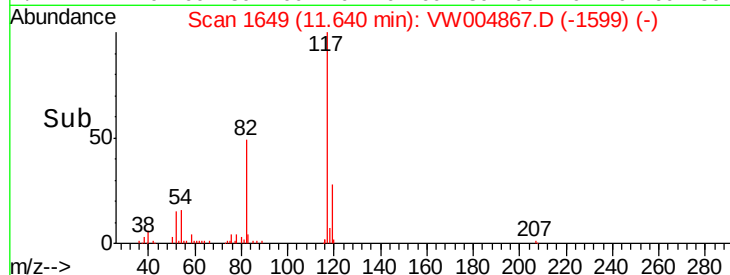
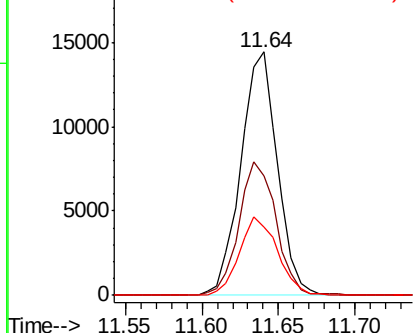
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW004867.D
Acq: 22 Aug 2018 04:28

Instrument :
MSVOA_W
ClientSampleId :
CL-01-082018-E

Tot Ion:117 Resp: 23904
Ion Ratio Lower Upper
117 100
82 48.5 44.6 67.0
119 27.8 25.6 38.4

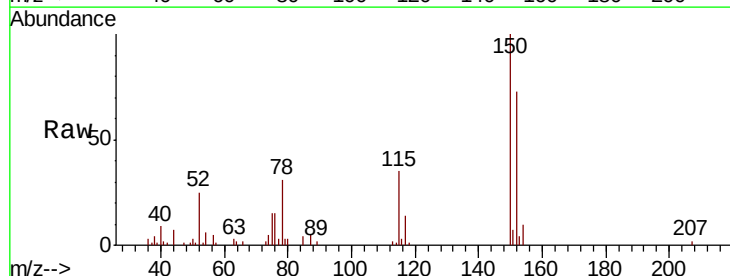


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.56 min Scan# 1964
Delta R.T. -0.01 min
Lab File: VW004867.D
Acq: 22 Aug 2018 04:28

Tgt Ion:152 Resp: 7835
Ion Ratio Lower Upper
152 100
115 58.3 28.5 85.5
150 147.0 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

