

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012418\
 Data File : VW000951.D
 Acq On : 24 Jan 2018 17:00
 Operator : JC/SY
 Sample : J1015-12RE
 Misc : 6.59G/5.0ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-012218-ARE

Quant Time: Jan 25 05:44:22 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012318S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 13:31:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	2723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	3639	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	2892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	1231	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	1495	57.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.56%	
35) Dibromofluoromethane	7.90	113	408	18.30	ug/l	0.01
Spiked Amount	50.000		Recovery	=	36.60%	
50) Toluene-d8	10.34	98	4450	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
62) 4-Bromofluorobenzene	12.63	95	1301	40.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.30%	

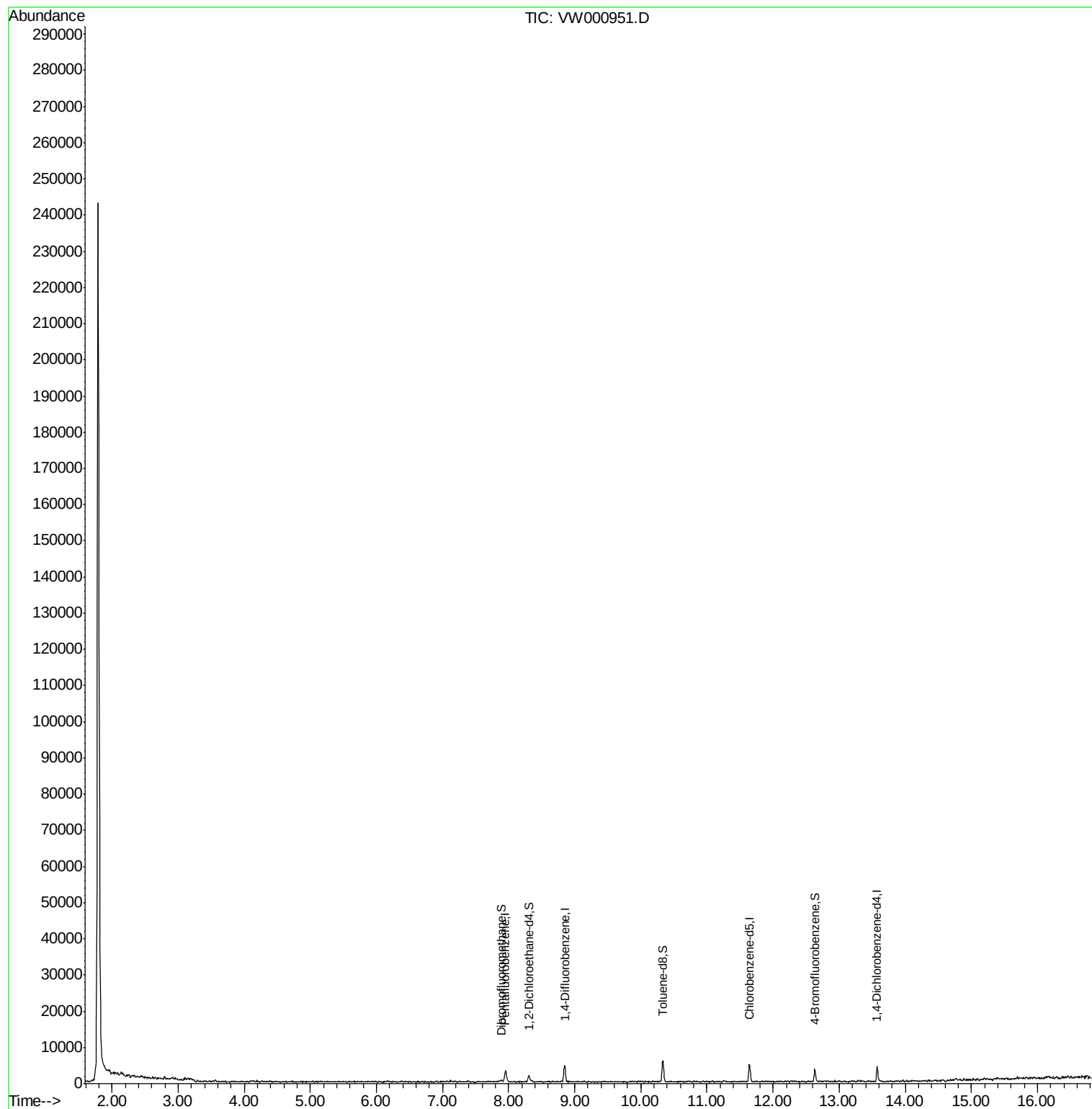
Target Compounds Qvalue

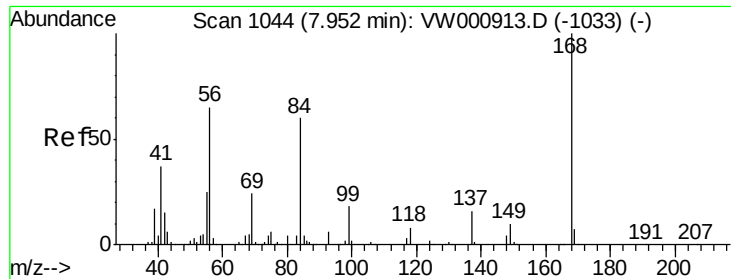
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW000951.D

Acq: 24 Jan 2018 17:00

Instrument :

MSVOA_W

ClientSampleId :

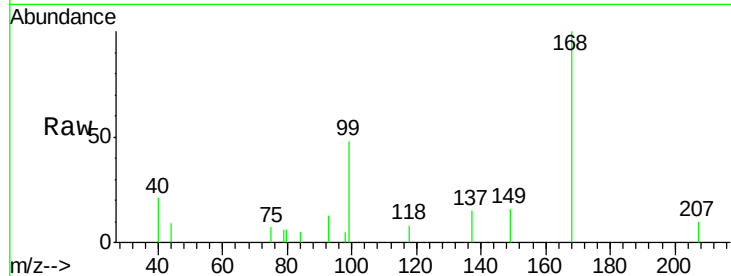
CL-01-012218-ARE

Tot Ion:168 Resp: 2723

Ion Ratio Lower Upper

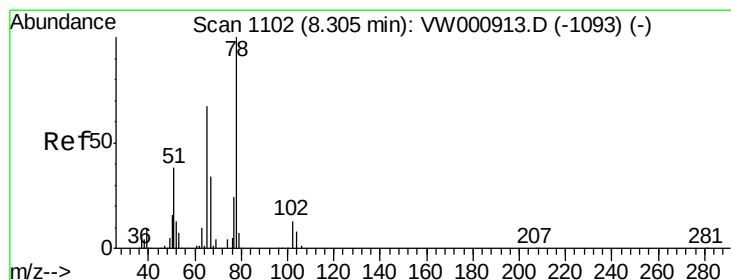
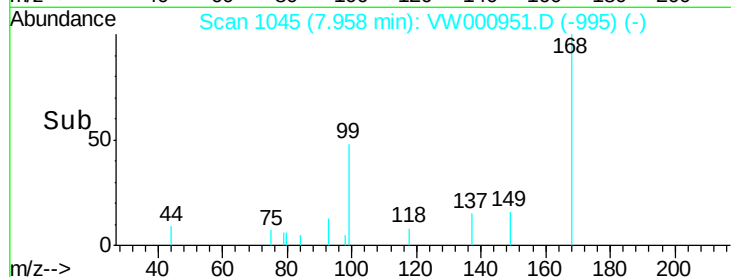
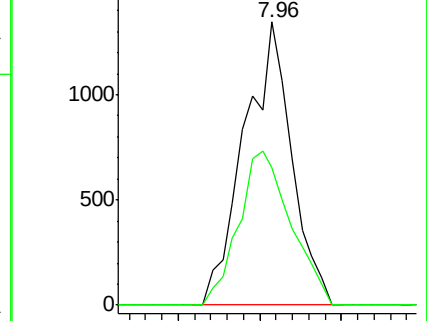
168 100

99 48.4 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 57.28 ug/l

RT: 8.30 min Scan# 1101

Delta R.T. -0.01 min

Lab File: VW000951.D

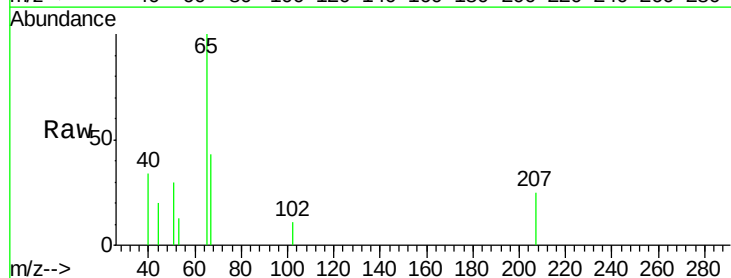
Acq: 24 Jan 2018 17:00

Tgt Ion: 65 Resp: 1495

Ion Ratio Lower Upper

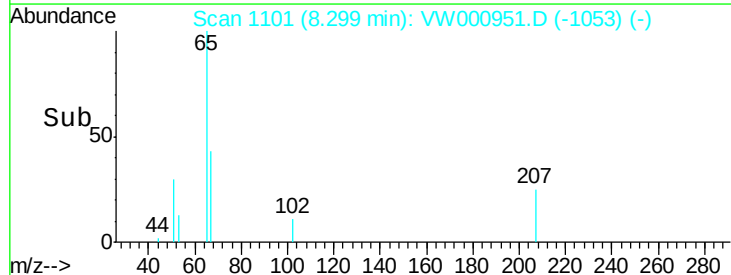
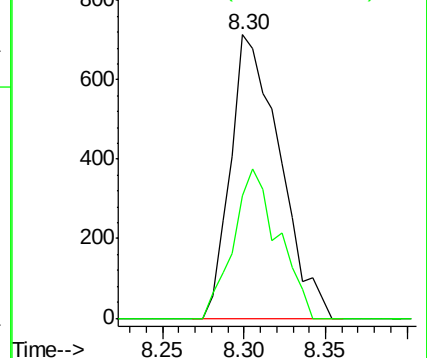
65 100

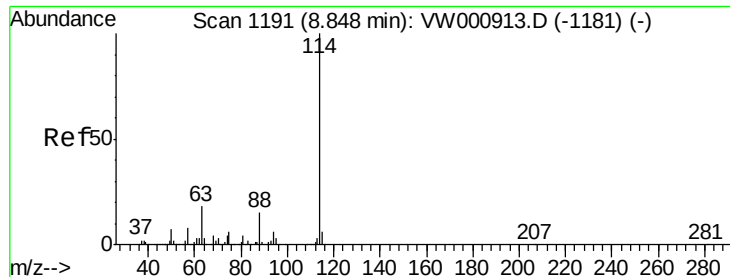
67 47.9 0.0 105.8



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: 8.84 min Scan# 1190

Delta R.T. -0.01 min

Lab File: VW000951.D

Acq: 24 Jan 2018 17:00

Instrument :

MSVOA_W

ClientSampleId :

CL-01-012218-ARE

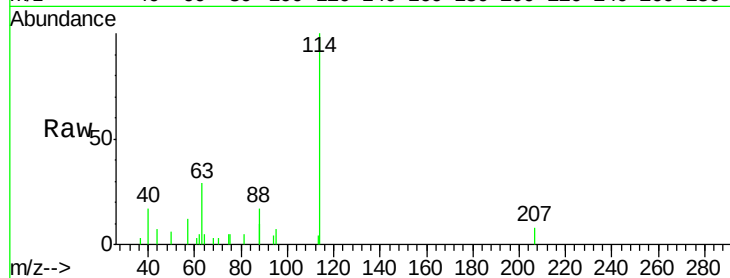
Tot Ion:114 Resp: 3639

Ion Ratio Lower Upper

114 100

63 28.6 0.0 36.8

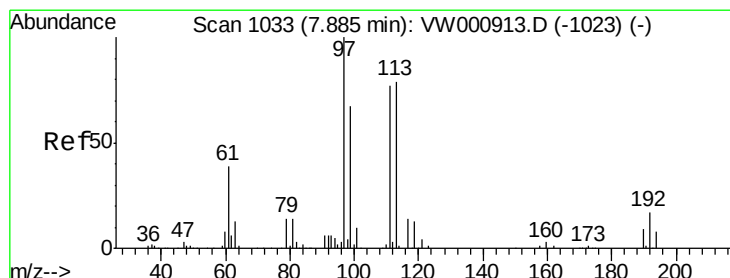
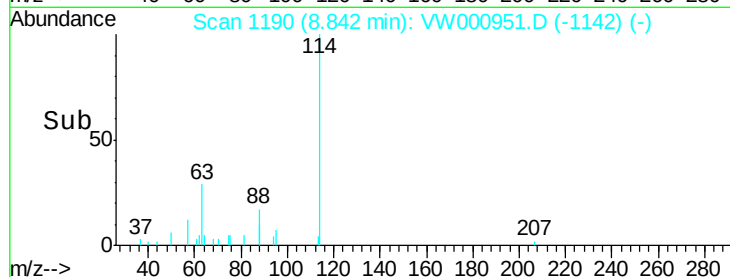
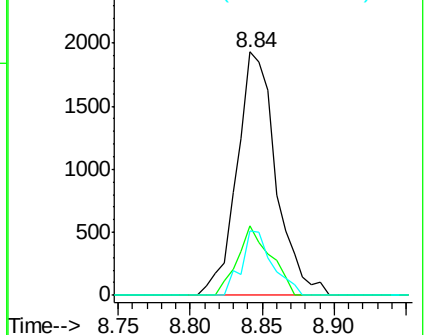
88 26.3 0.0 29.8



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: 18.30 ug/l

RT: 7.90 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VW000951.D

Acq: 24 Jan 2018 17:00

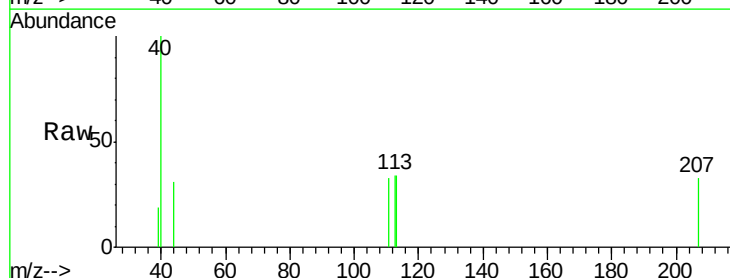
Tgt Ion:113 Resp: 408

Ion Ratio Lower Upper

113 100

111 111.5 80.4 120.6

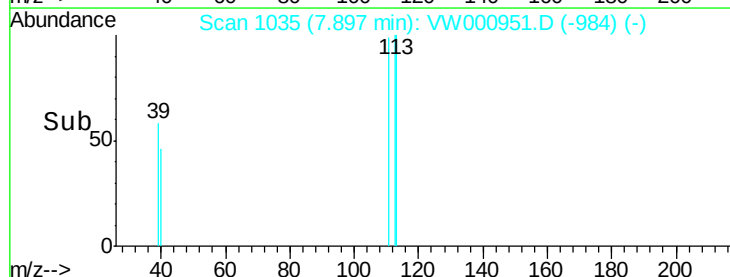
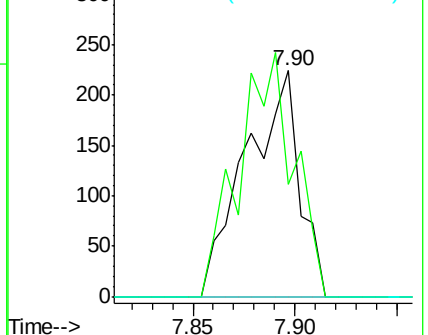
192 0.0 17.0 25.4#

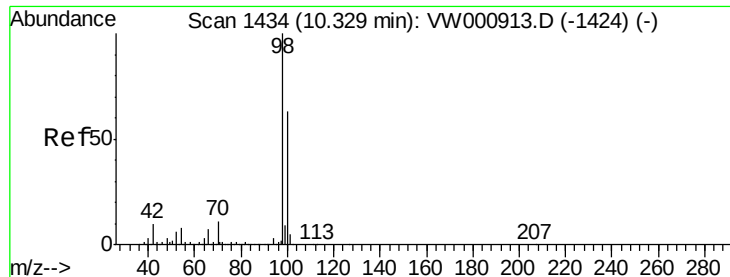


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.63 ug/l

RT: 10.34 min Scan# 1435

Delta R.T. 0.01 min

Lab File: VW000951.D

Acq: 24 Jan 2018 17:00

Instrument :

MSVOA_W

ClientSampleId :

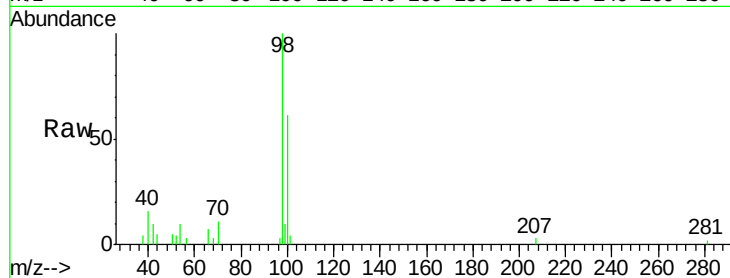
CL-01-012218-ARE

Tot Ion: 98 Resp: 4450

Ion Ratio Lower Upper

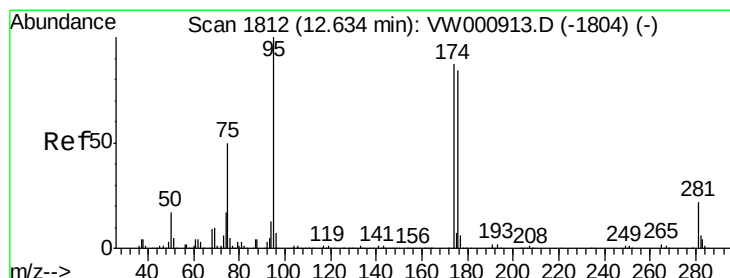
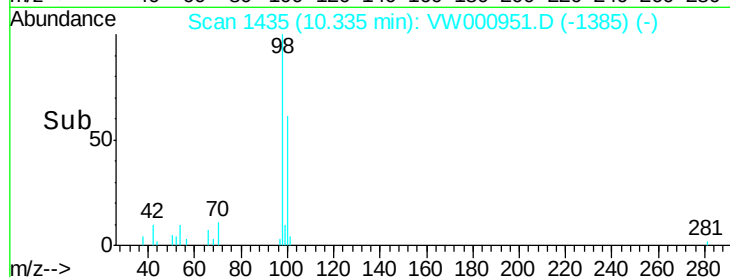
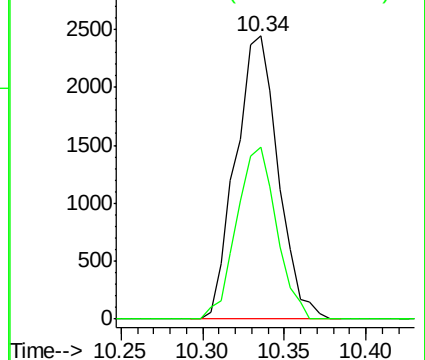
98 100

100 56.9 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 40.65 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.01 min

Lab File: VW000951.D

Acq: 24 Jan 2018 17:00

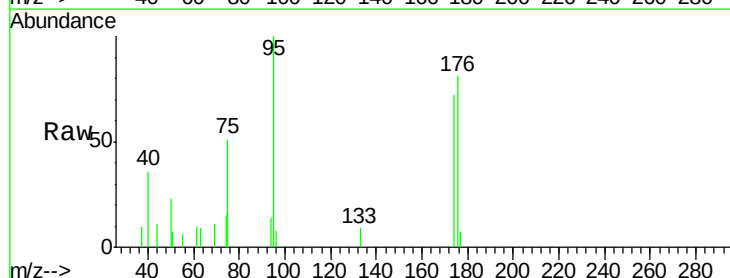
Tgt Ion: 95 Resp: 1301

Ion Ratio Lower Upper

95 100

174 88.9 0.0 176.8

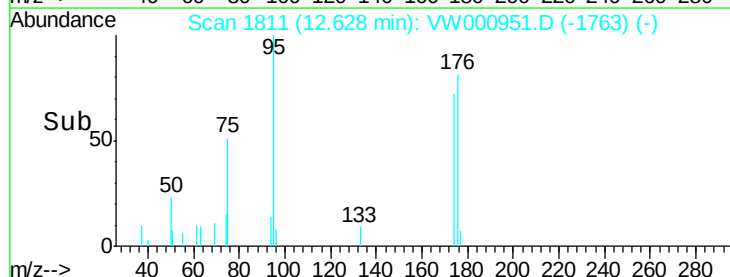
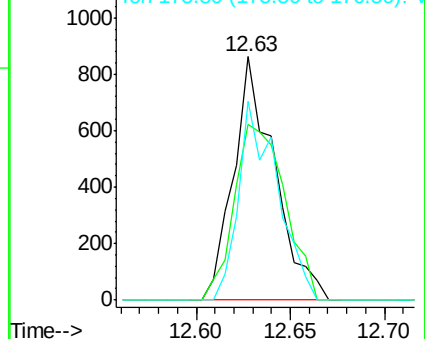
176 77.1 0.0 171.8

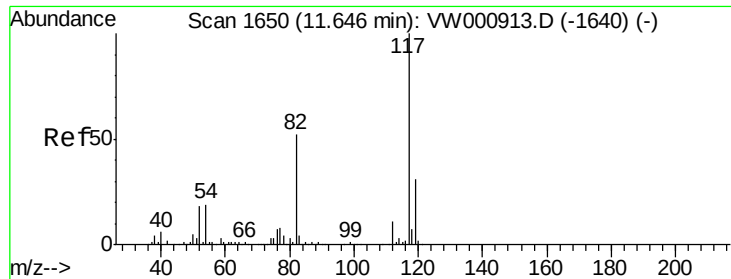


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

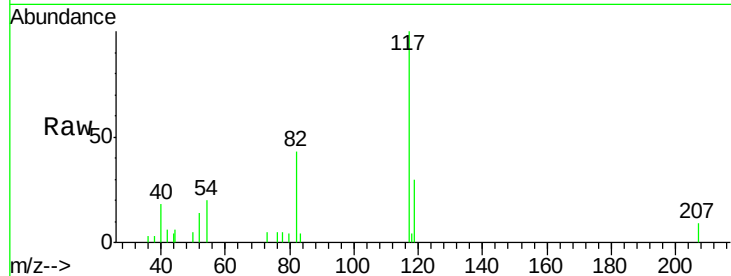




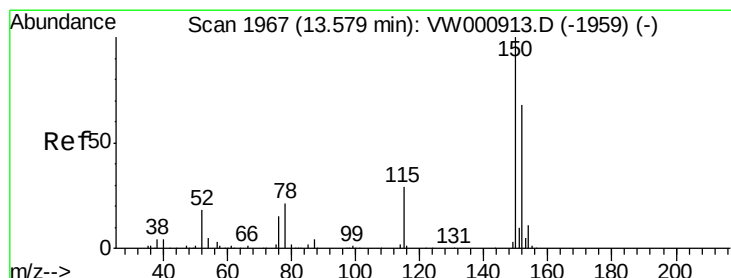
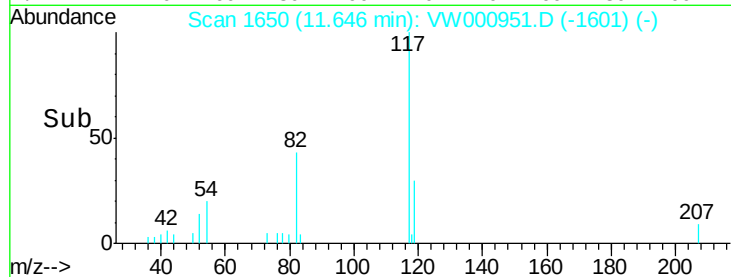
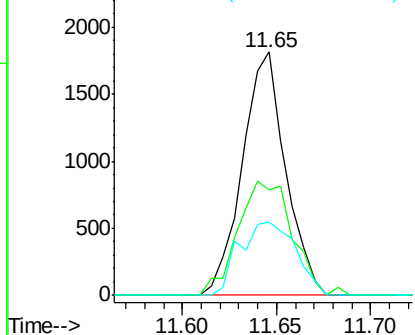
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1650
Delta R.T. -0.00 min
Lab File: VW000951.D
Acq: 24 Jan 2018 17:00

Instrument :
MSVOA_W
ClientSampleId :
CL-01-012218-ARE

Tot Ion:117 Resp: 2892
Ion Ratio Lower Upper
117 100
82 43.1 41.8 62.6
119 30.2 25.2 37.8

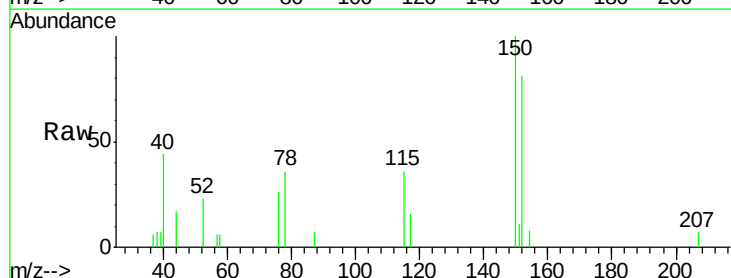


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. -0.01 min
Lab File: VW000951.D
Acq: 24 Jan 2018 17:00

Tgt Ion:152 Resp: 1231
Ion Ratio Lower Upper
152 100
115 57.8 28.5 85.5
150 141.8 0.0 342.0



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

