

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW004013.D
 Acq On : 18 Jul 2018 05:36
 Operator : VA/AP
 Sample : J3829-01RE
 Misc : 6.92G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-01-071318-ARE

Quant Time: Jul 18 07:51:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	168657	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	300557	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	256413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	106046	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	121017	64.19	ug/l	0.00
Spiked Amount			Recovery	=	128.38%	
35) Dibromofluoromethane	7.89	113	106117	55.03	ug/l	0.00
Spiked Amount			Recovery	=	110.06%	
50) Toluene-d8	10.33	98	337837	45.15	ug/l	0.00
Spiked Amount			Recovery	=	90.30%	
62) 4-Bromofluorobenzene	12.63	95	109334	40.52	ug/l	0.00
Spiked Amount			Recovery	=	81.04%	

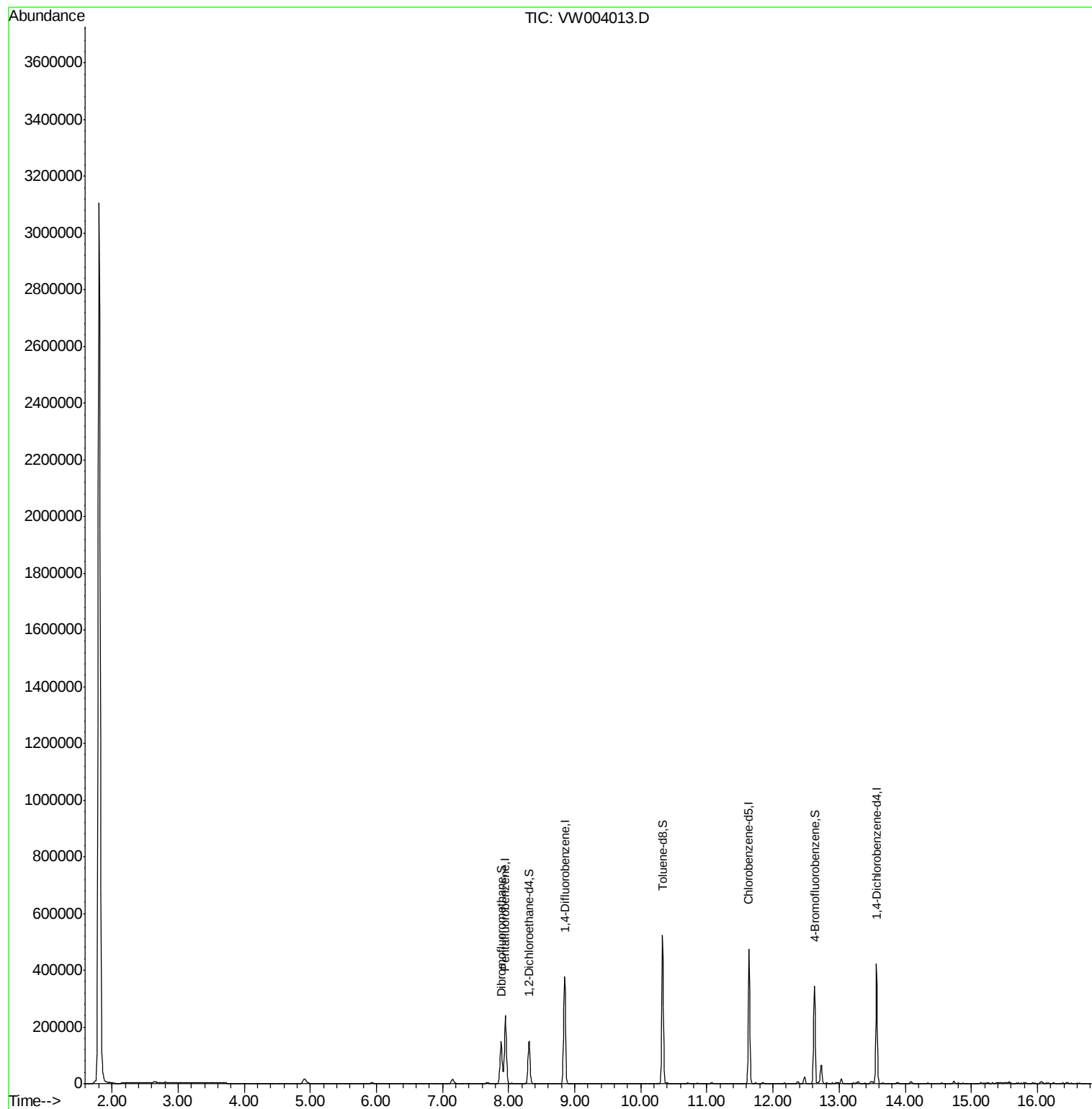
Target Compounds	Qvalue
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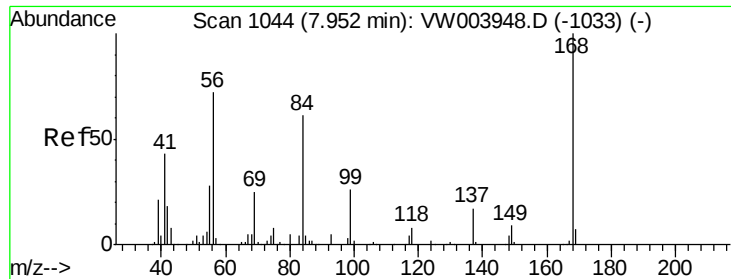
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW004013.D

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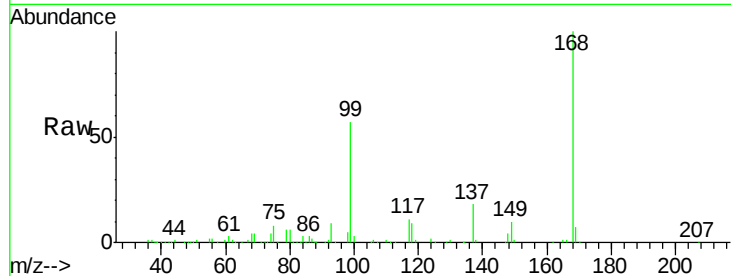
Instrument :
MSVOA_W
ClientSampleId :
PL-01-071318-ARE

Tot Ion:168 Resp: 168657

Ion Ratio Lower Upper

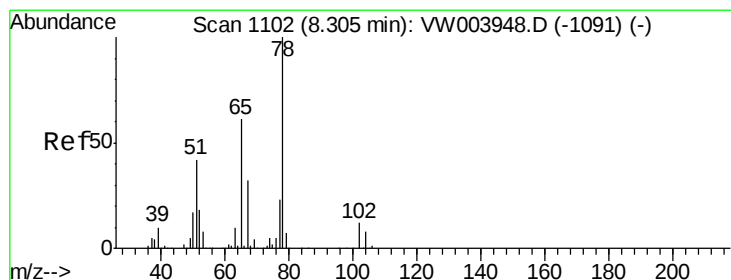
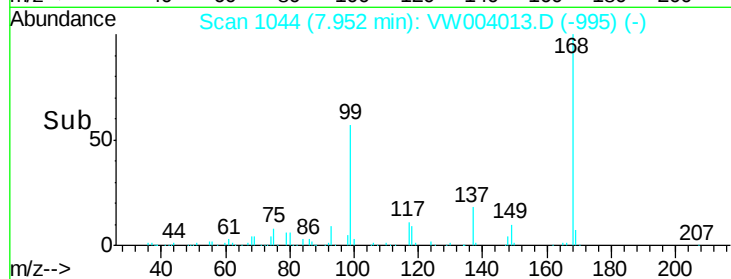
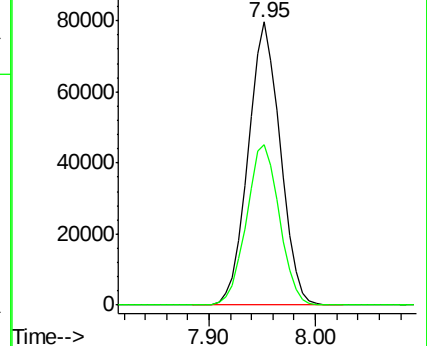
168 100

99 56.6 43.8 65.6



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: 64.19 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW004013.D

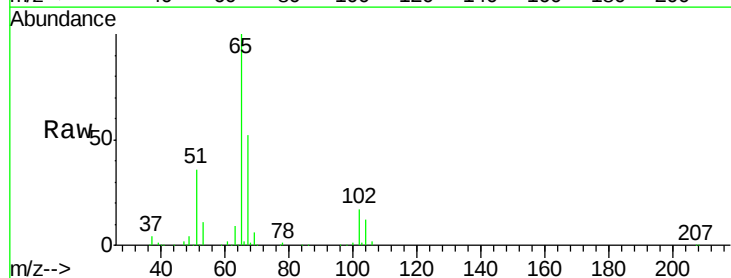
Acq: 18 Jul 2018 05:36

Tgt Ion: 65 Resp: 121017

Ion Ratio Lower Upper

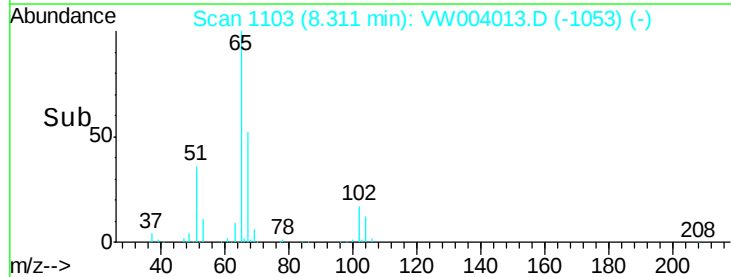
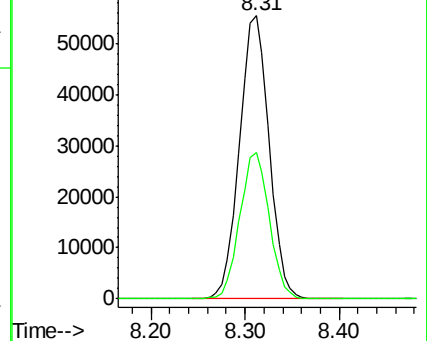
65 100

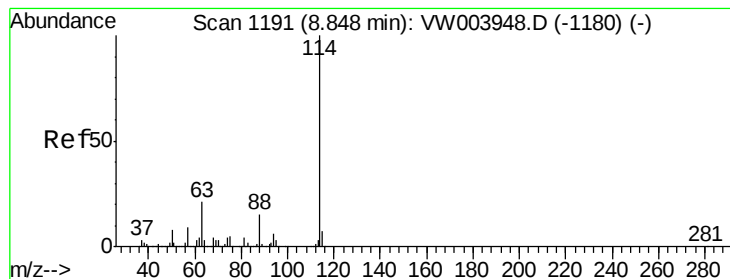
67 51.3 0.0 105.0



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: VW004013.D

Acq: 18 Jul 2018 05:36

Instrument :

MSVOA_W

ClientSampleId :

PL-01-071318-ARE

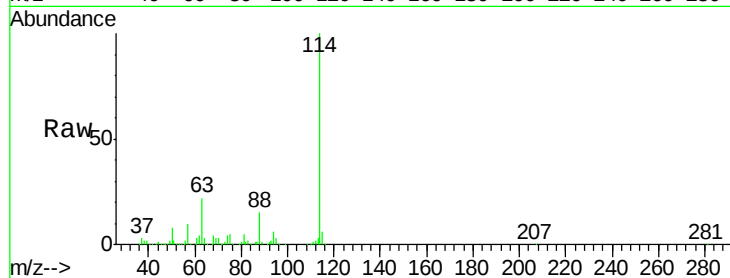
Tot Ion:114 Resp: 300557

Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.8

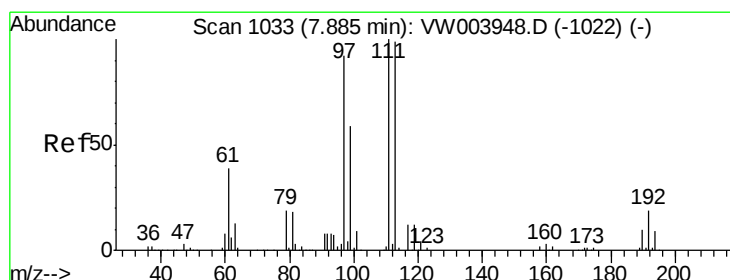
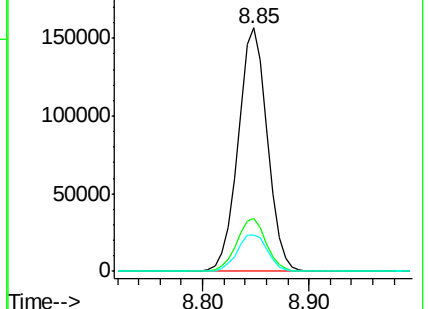
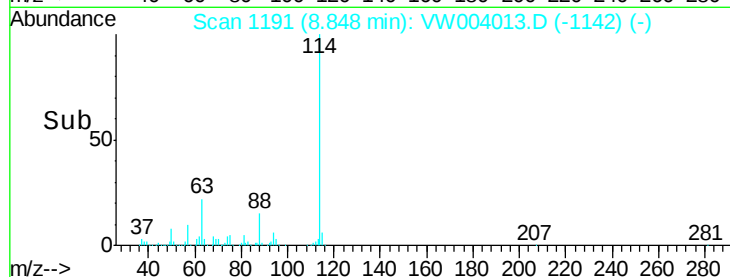
88 15.1 0.0 30.4



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: 55.03 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW004013.D

Acq: 18 Jul 2018 05:36

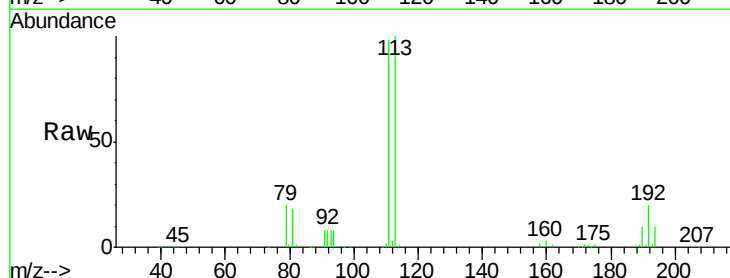
Tgt Ion:113 Resp: 106117

Ion Ratio Lower Upper

113 100

111 101.2 81.3 121.9

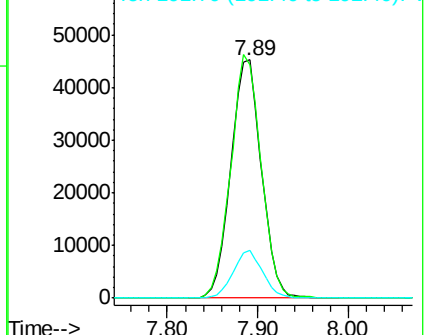
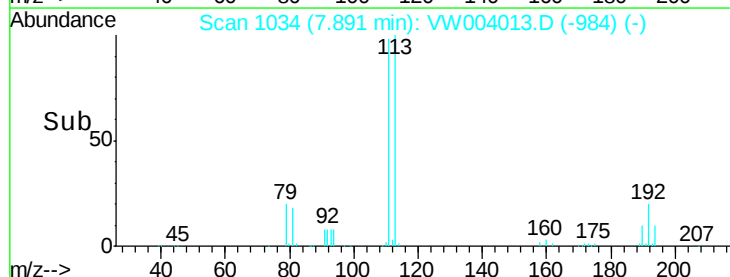
192 19.2 15.8 23.6

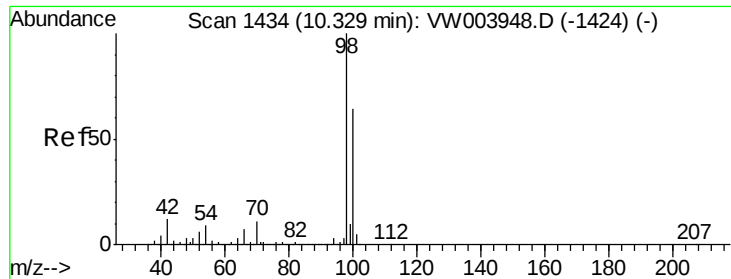


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 45.15 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004013.D

Acq: 18 Jul 2018 05:36

Instrument :

MSVOA_W

ClientSampleId :

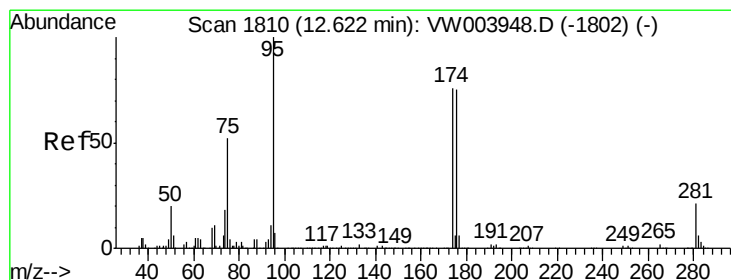
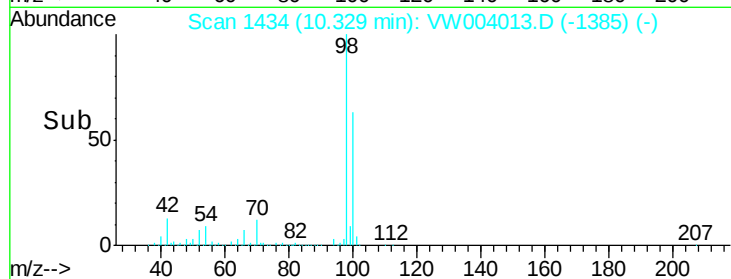
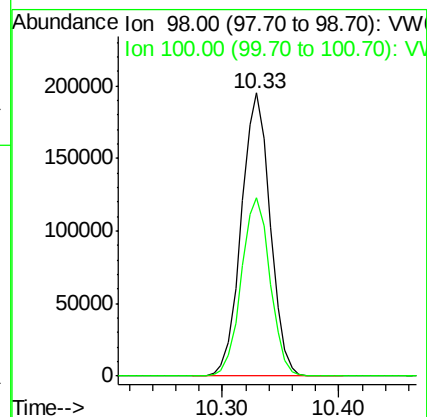
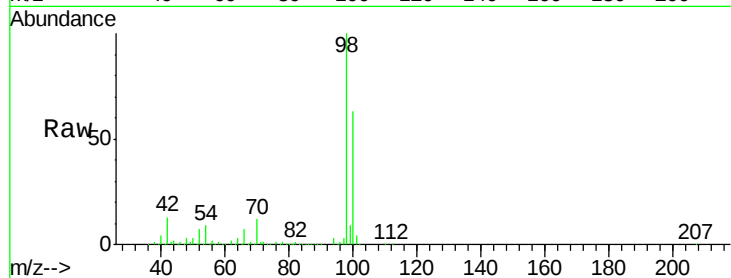
PL-01-071318-ARE

Tot Ion: 98 Resp: 337837

Ion Ratio Lower Upper

98 100

100 63.0 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 40.52 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW004013.D

Acq: 18 Jul 2018 05:36

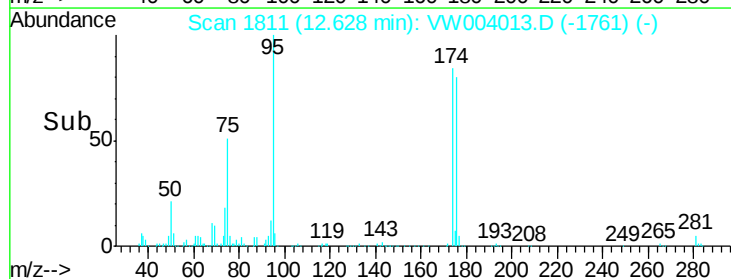
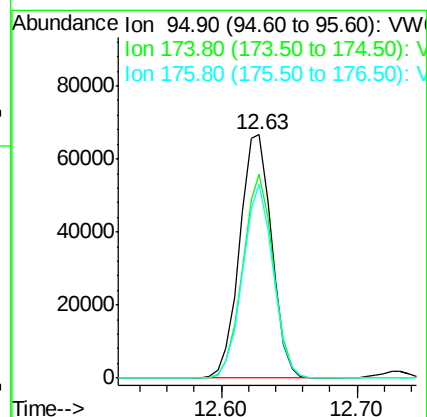
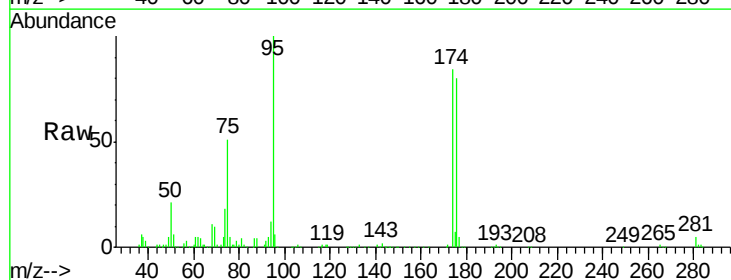
Tgt Ion: 95 Resp: 109334

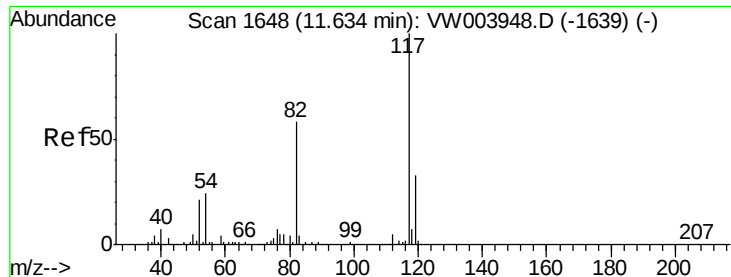
Ion Ratio Lower Upper

95 100

174 79.8 0.0 160.2

176 75.6 0.0 155.8

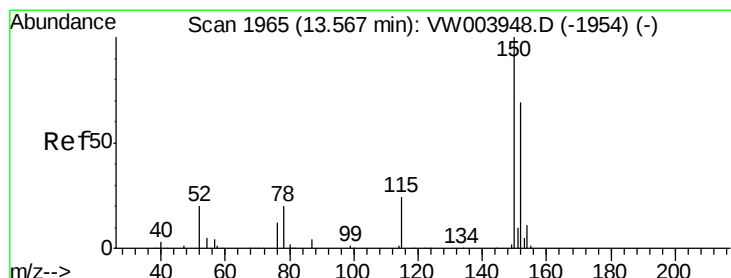
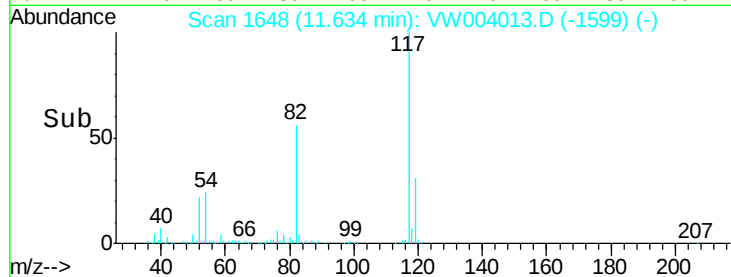
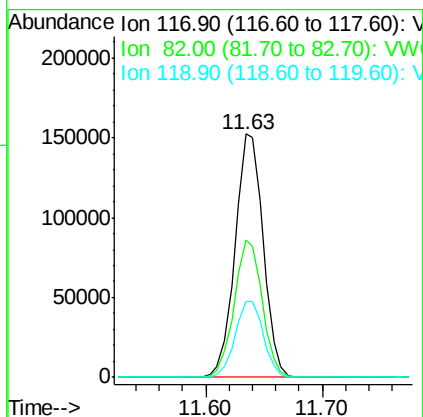
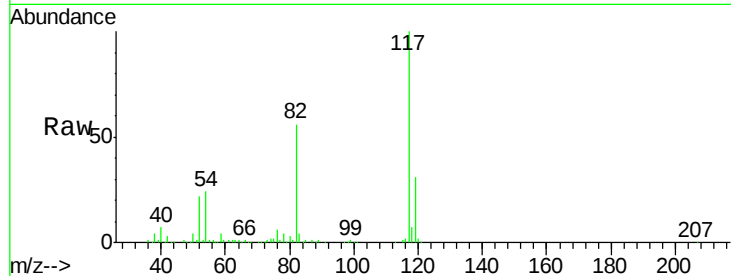




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004013.D
Acq: 18 Jul 2018 05:36

Instrument :
MSVOA_W
ClientSampleId :
PL-01-071318-ARE

Tot Ion:117 Resp: 256413
Ion Ratio Lower Upper
117 100
82 56.3 46.5 69.7
119 31.0 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004013.D
Acq: 18 Jul 2018 05:36

Tgt Ion:152 Resp: 106046
Ion Ratio Lower Upper
152 100
115 57.7 29.2 87.6
150 157.4 0.0 345.2

