

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051518\
 Data File : VW002583.D
 Acq On : 16 May 2018 06:48
 Operator : JC/SY
 Sample : J2785-13
 Misc : 5.05G/10ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BP-5A

Quant Time: May 16 08:22:34 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 03:32:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	14046	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	19806	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	13459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	3982	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	8290	57.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.24%	
35) Dibromofluoromethane	7.88	113	6525	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
50) Toluene-d8	10.33	98	14830	31.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	62.04%	
62) 4-Bromofluorobenzene	12.63	95	4506	25.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	51.56%	

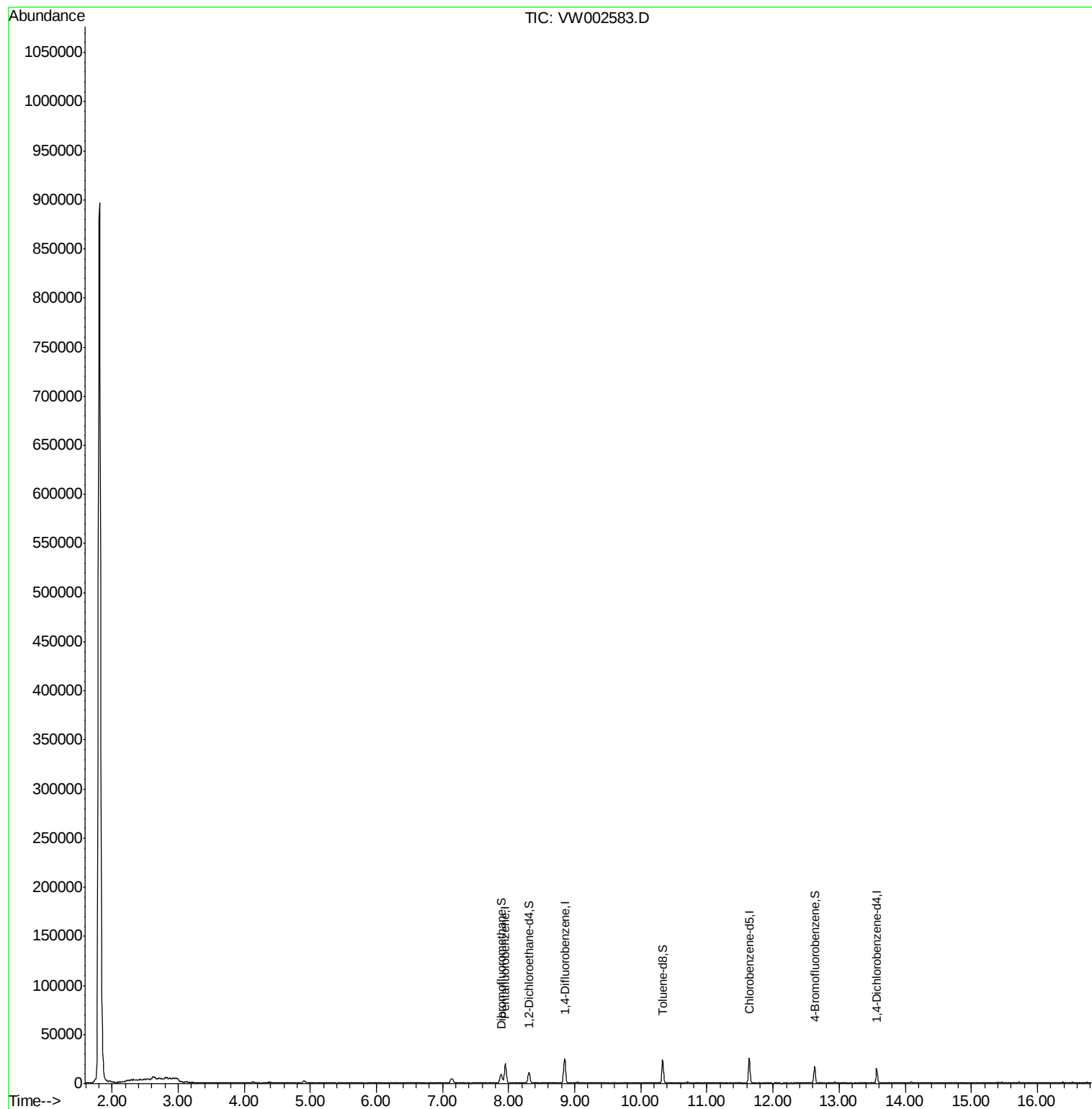
Target Compounds	Qvalue

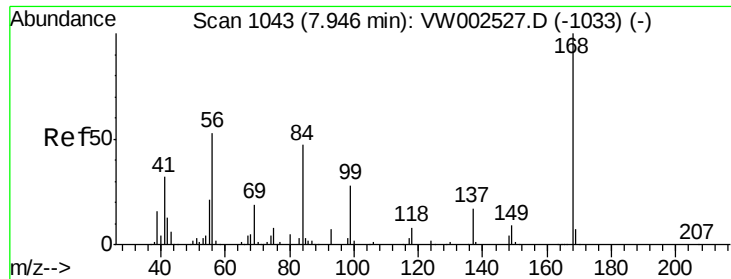
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VW002583.D

Acq: 16 May 2018 06:48

Instrument :

MSVOA_W

ClientSampled :

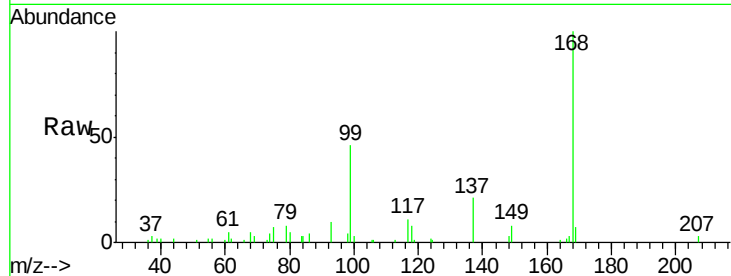
BP-5A

Tot Ion:168 Resp: 14046

Ion Ratio Lower Upper

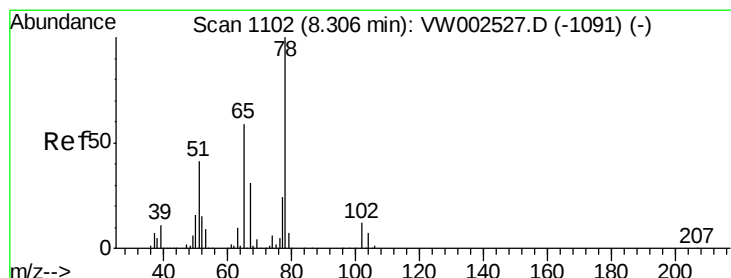
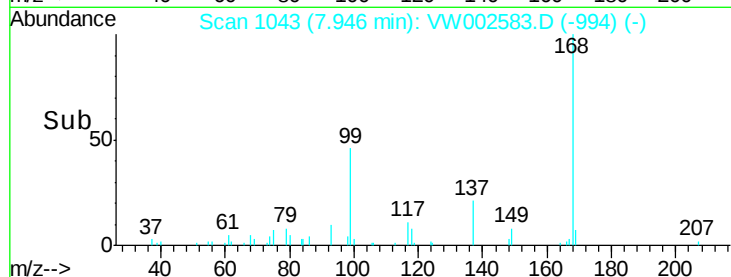
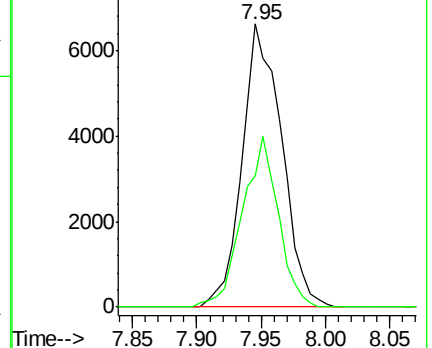
168 100

99 46.4 42.6 64.0



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: 57.12 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW002583.D

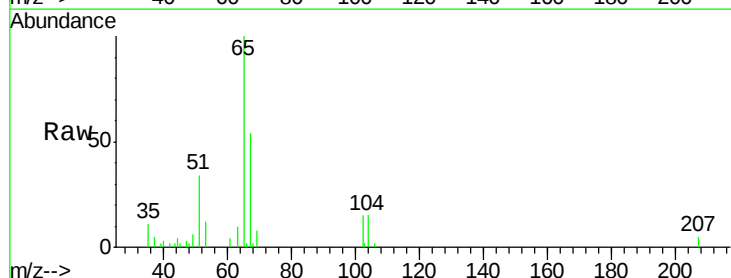
Acq: 16 May 2018 06:48

Tgt Ion: 65 Resp: 8290

Ion Ratio Lower Upper

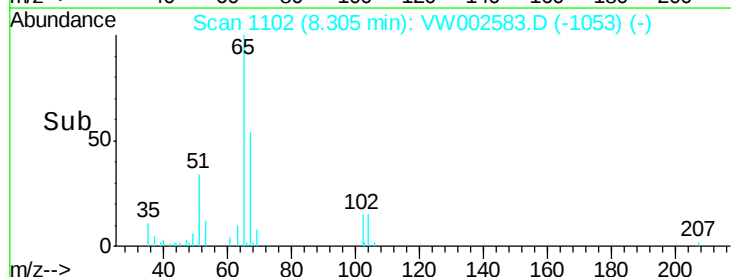
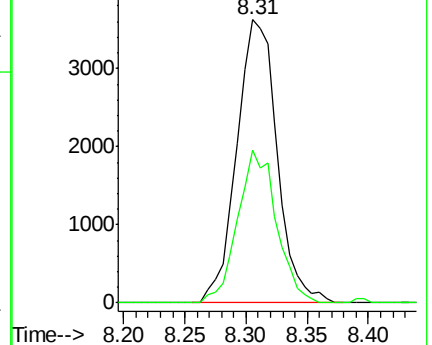
65 100

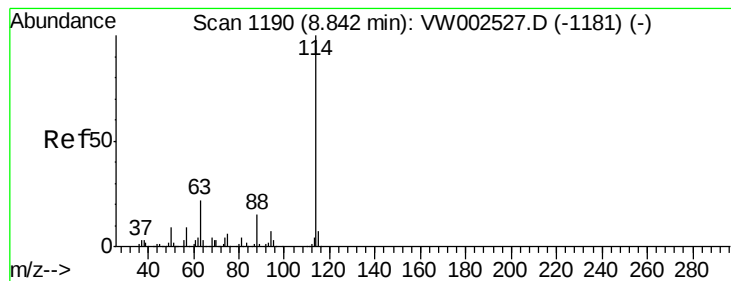
67 52.0 0.0 104.4



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. 0.01 min

Lab File: VW002583.D

Acq: 16 May 2018 06:48

Instrument :

MSVOA_W

ClientSampled :

BP-5A

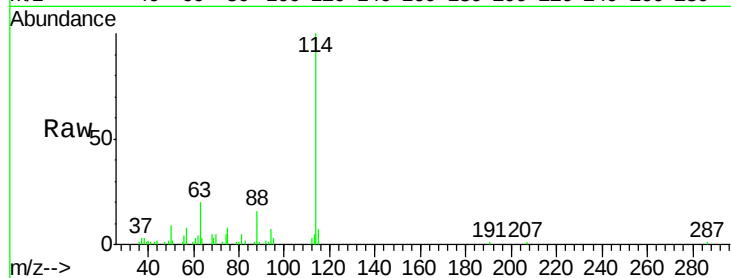
Tot Ion:114 Resp: 19806

Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.2

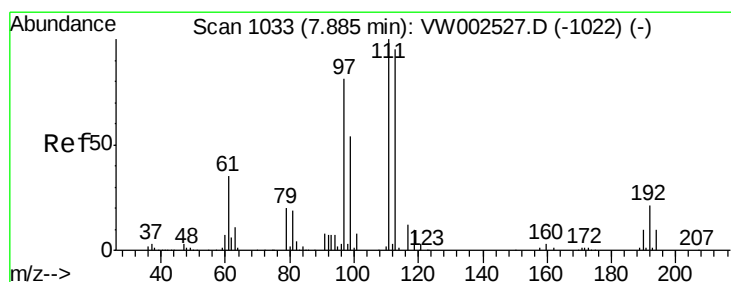
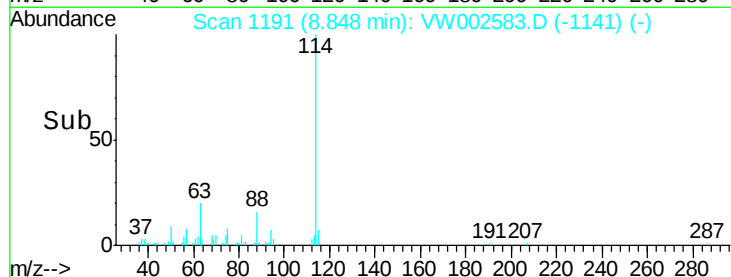
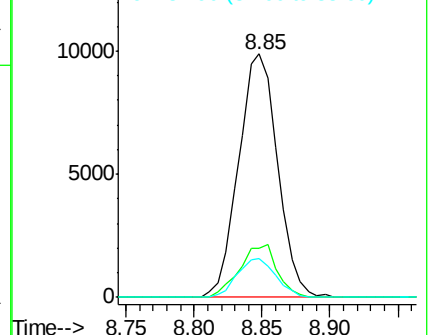
88 16.1 0.0 29.2



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: 51.93 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW002583.D

Acq: 16 May 2018 06:48

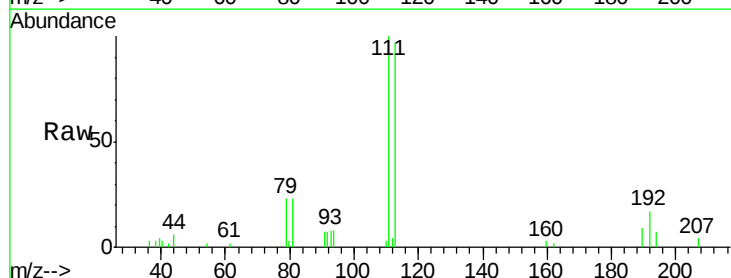
Tgt Ion:113 Resp: 6525

Ion Ratio Lower Upper

113 100

111 99.7 81.8 122.8

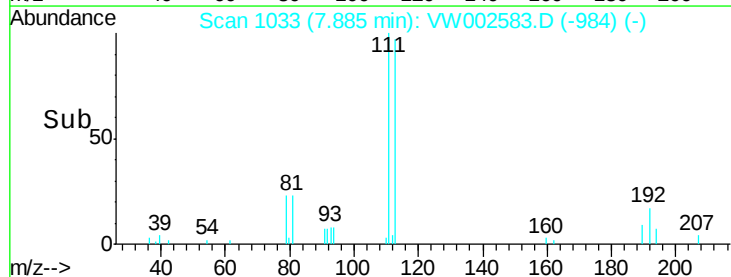
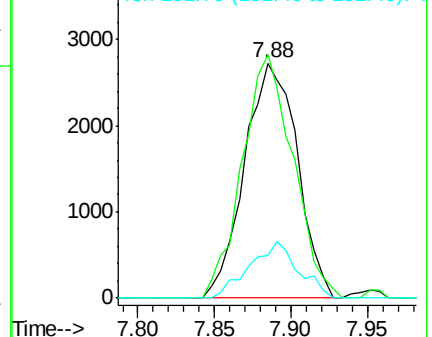
192 22.2 17.5 26.3

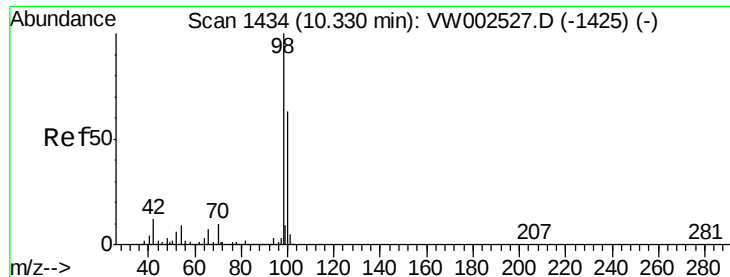


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 31.02 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002583.D

Acq: 16 May 2018 06:48

Instrument :

MSVOA_W

ClientSampleId :

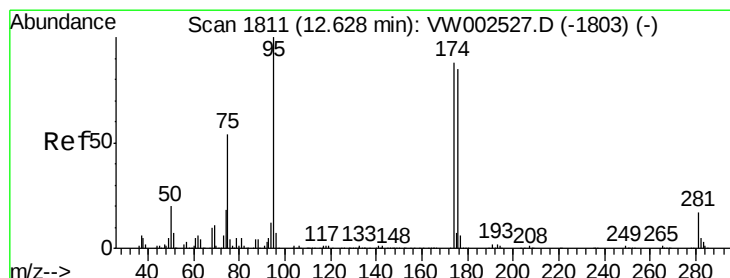
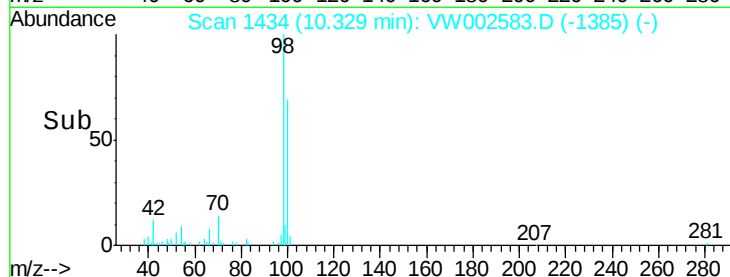
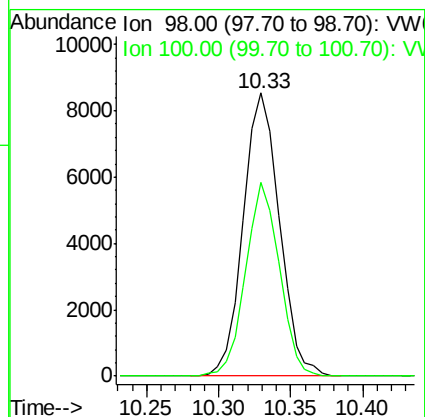
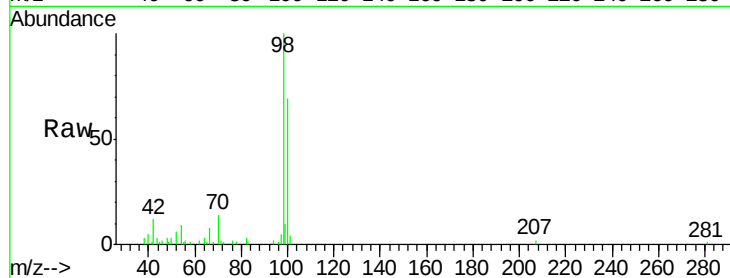
BP-5A

Tot Ion: 98 Resp: 14830

Ion Ratio Lower Upper

98 100

100 63.7 51.0 76.4



#62

4-Bromofluorobenzene

Concen: 25.78 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002583.D

Acq: 16 May 2018 06:48

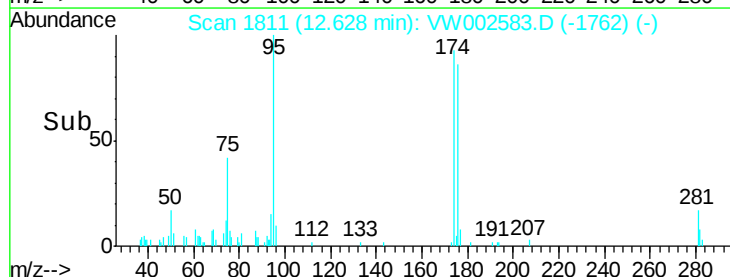
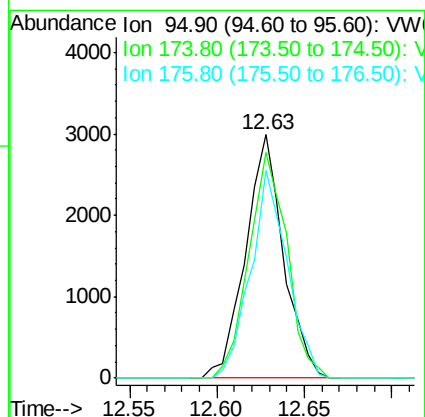
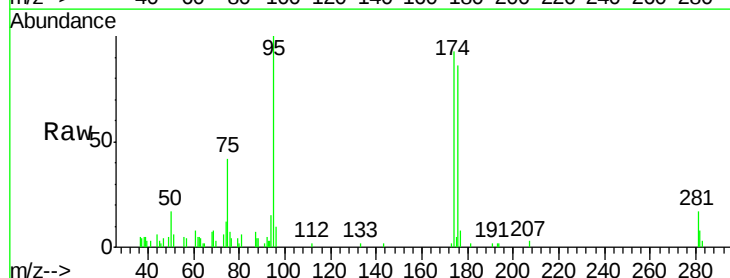
Tgt Ion: 95 Resp: 4506

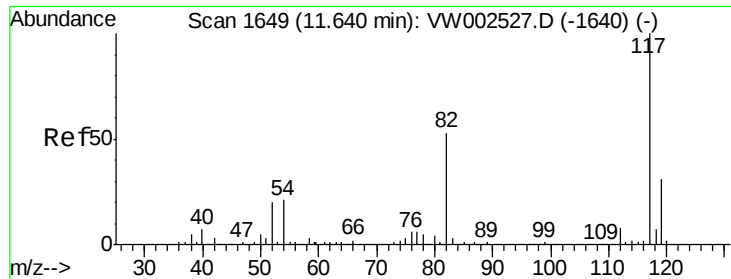
Ion Ratio Lower Upper

95 100

174 93.3 0.0 176.6

176 82.8 0.0 172.2

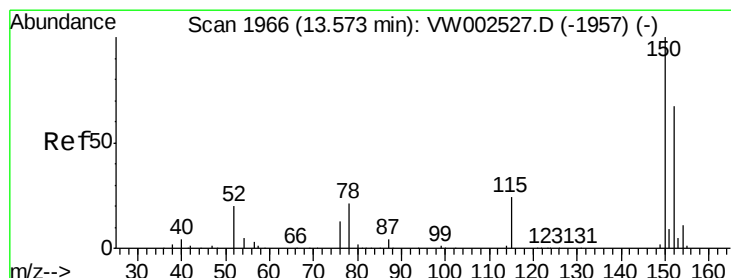
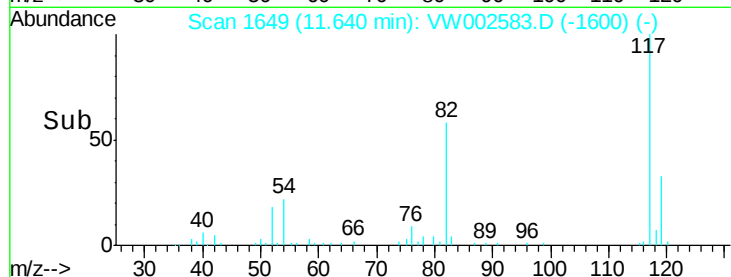
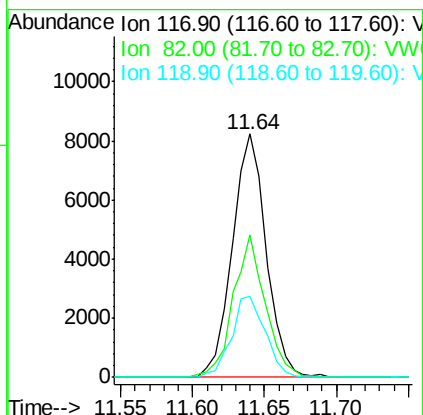
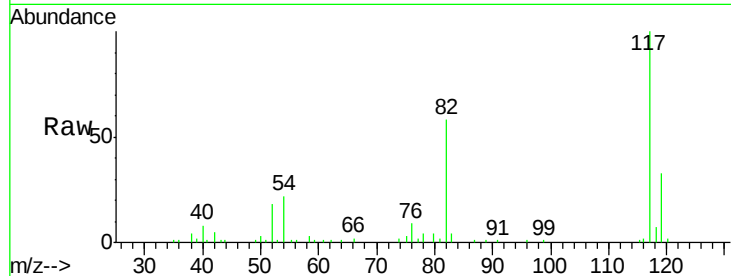




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002583.D
Acq: 16 May 2018 06:48

Instrument :
MSVOA_W
ClientSampled :
BP-5A

Tot Ion:117 Resp: 13459
Ion Ratio Lower Upper
117 100
82 58.3 42.6 64.0
119 33.5 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.01 min
Lab File: VW002583.D
Acq: 16 May 2018 06:48

Tgt Ion:152 Resp: 3982
Ion Ratio Lower Upper
152 100
115 58.9 28.0 84.0
150 150.7 0.0 345.4

