

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051518\
 Data File : VW002578.D
 Acq On : 16 May 2018 04:43
 Operator : JC/SY
 Sample : J2785-05
 Misc : 5.02G/10ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BP-2B

Quant Time: May 16 08:00:53 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	123992	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	187756	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	130354	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	48473	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	63165	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
35) Dibromofluoromethane	7.88	113	59327	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
50) Toluene-d8	10.33	98	129581	28.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	57.18%	
62) 4-Bromofluorobenzene	12.63	95	47326	28.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	57.12%	

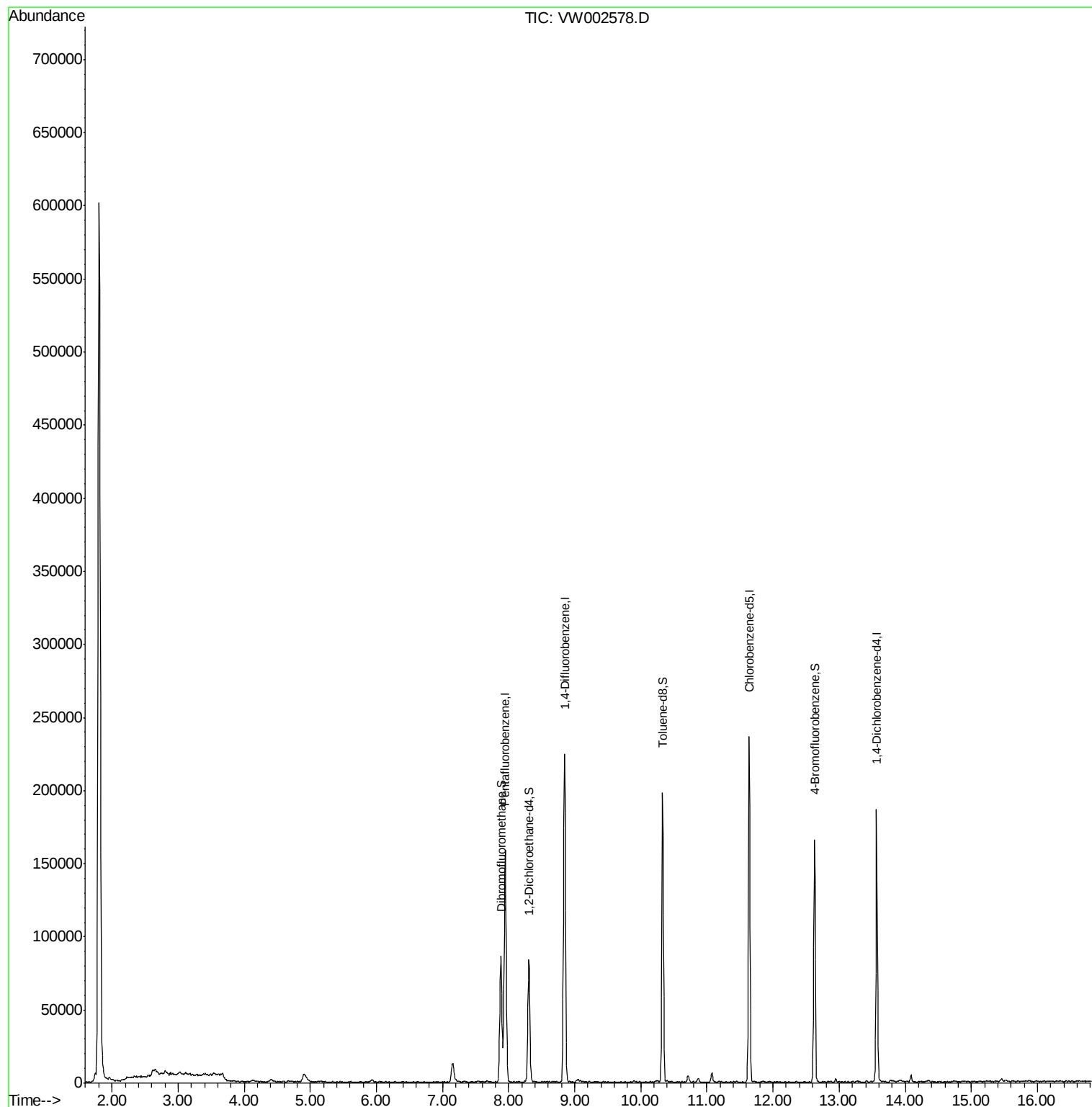
Target Compounds	Qvalue
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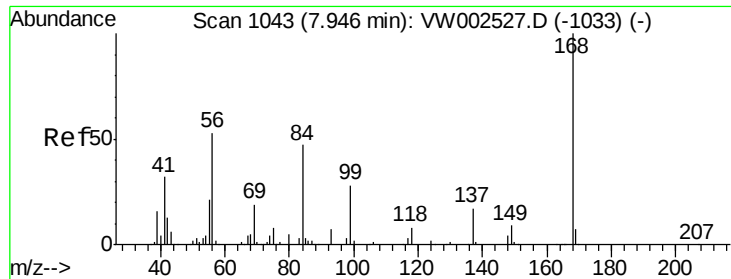
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VW002578.D

Acq: 16 May 2018 04:43

Instrument :

MSVOA_W

ClientSampleId :

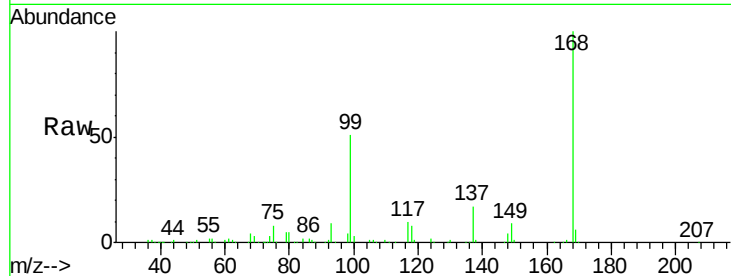
BP-2B

Tot Ion:168 Resp: 123992

Ion Ratio Lower Upper

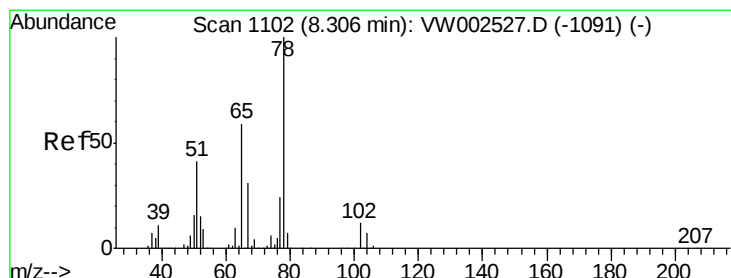
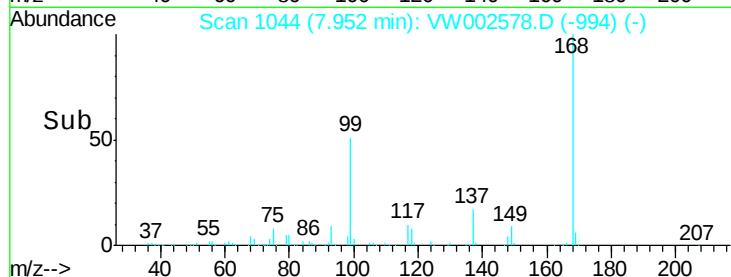
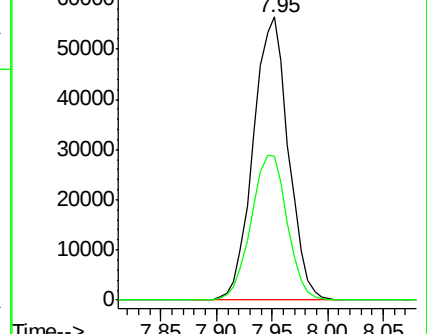
168 100

99 50.8 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: 49.30 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW002578.D

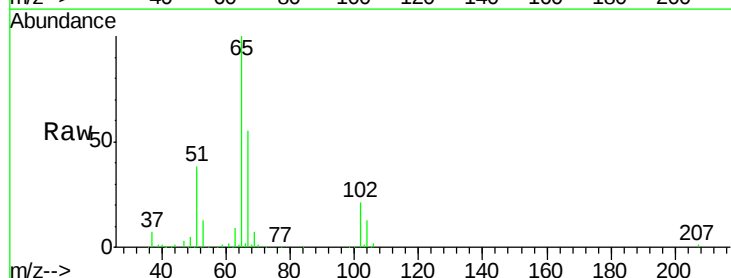
Acq: 16 May 2018 04:43

Tgt Ion: 65 Resp: 63165

Ion Ratio Lower Upper

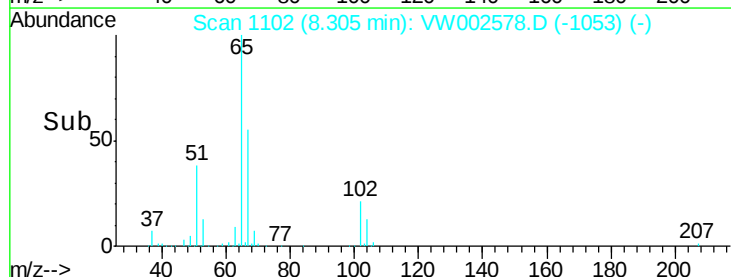
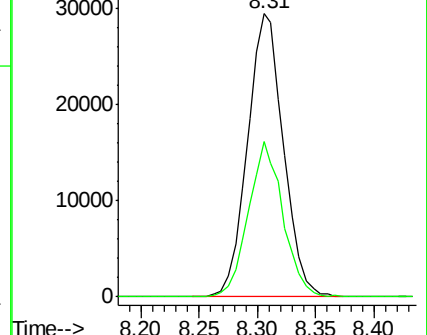
65 100

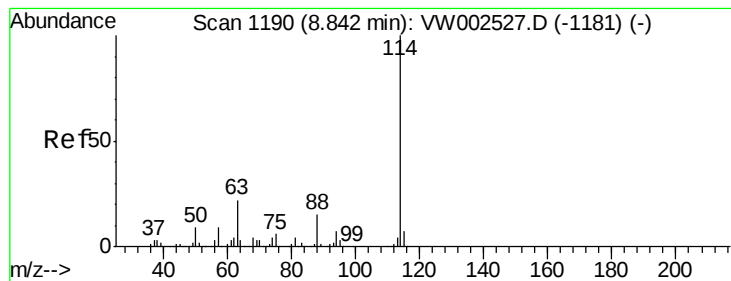
67 52.9 0.0 104.4



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: VW002578.D

Acq: 16 May 2018 04:43

Instrument :

MSVOA_W

ClientSampleId :

BP-2B

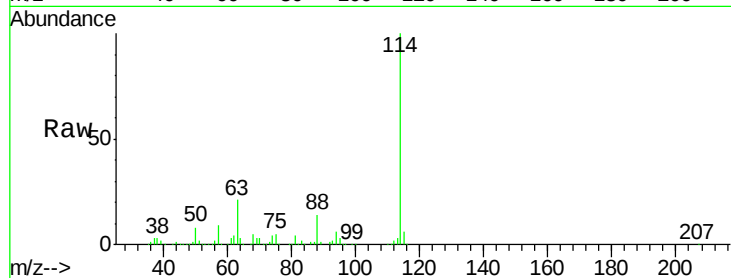
Tot Ion:114 Resp: 187756

Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.2

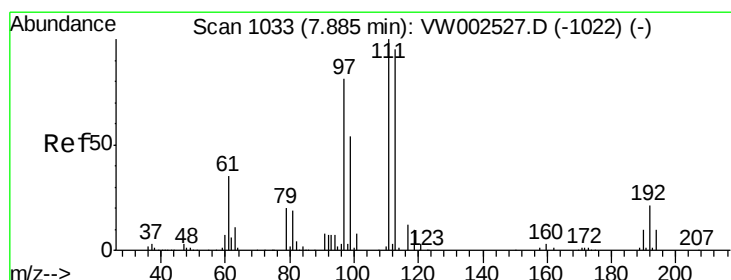
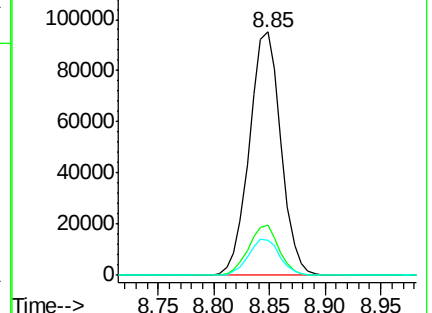
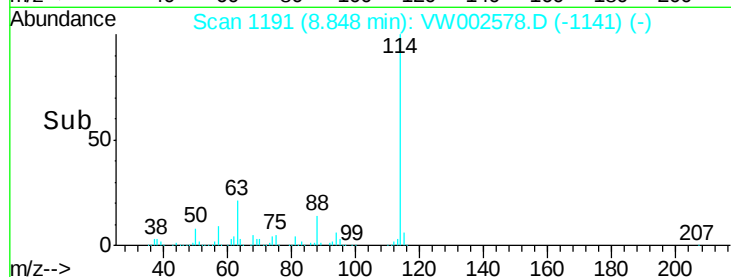
88 14.5 0.0 29.2



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: 49.81 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW002578.D

Acq: 16 May 2018 04:43

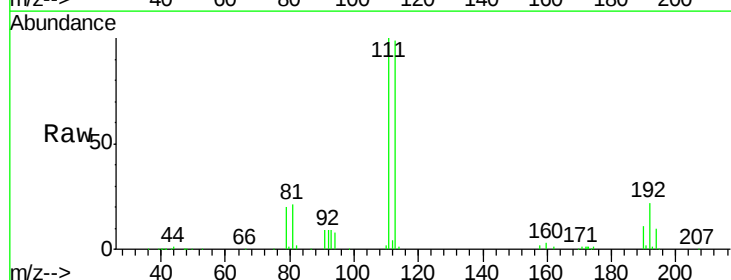
Tgt Ion:113 Resp: 59327

Ion Ratio Lower Upper

113 100

111 102.1 81.8 122.8

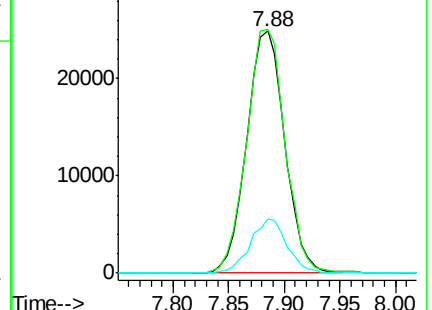
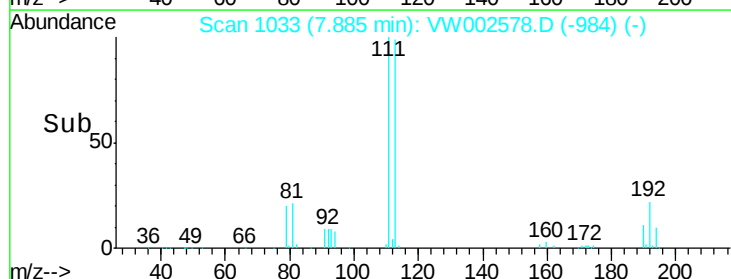
192 21.4 17.5 26.3

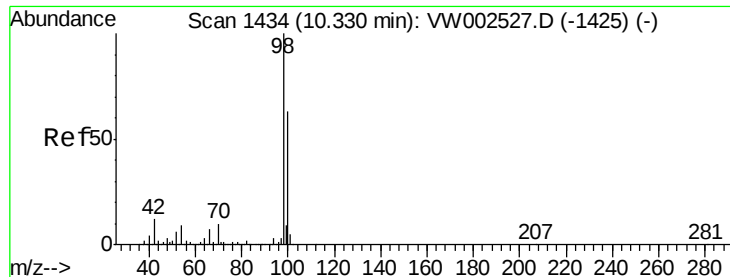


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 28.59 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002578.D

Acq: 16 May 2018 04:43

Instrument :

MSVOA_W

ClientSampleId :

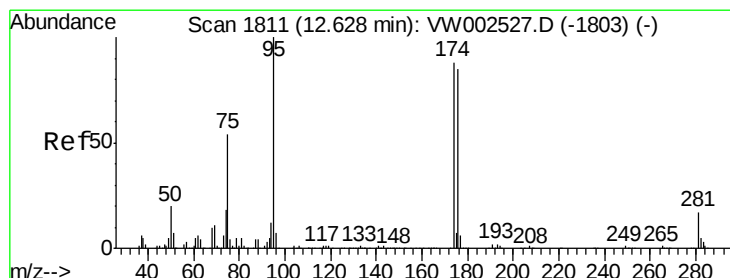
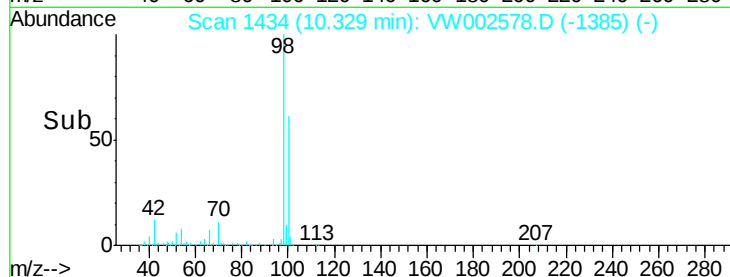
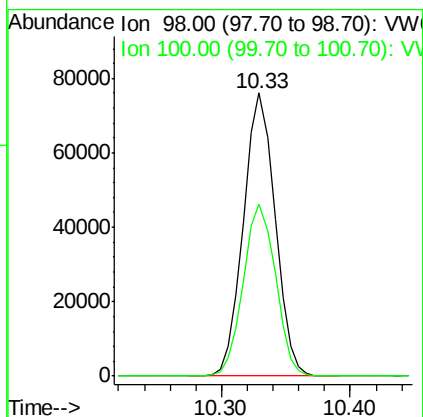
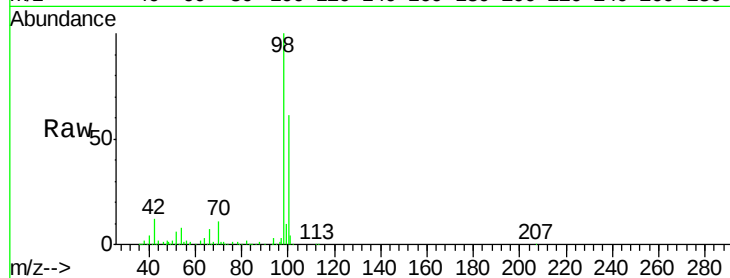
BP-2B

Tot Ion: 98 Resp: 129581

Ion Ratio Lower Upper

98 100

100 61.6 51.0 76.4



#62

4-Bromofluorobenzene

Concen: 28.56 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002578.D

Acq: 16 May 2018 04:43

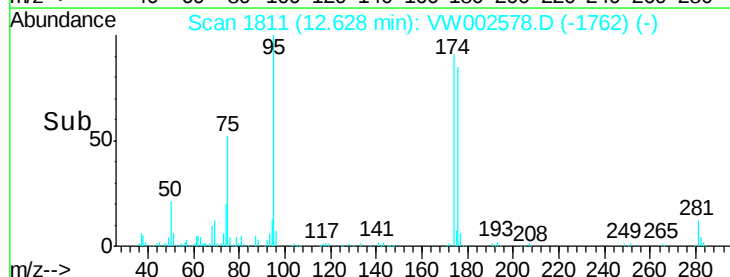
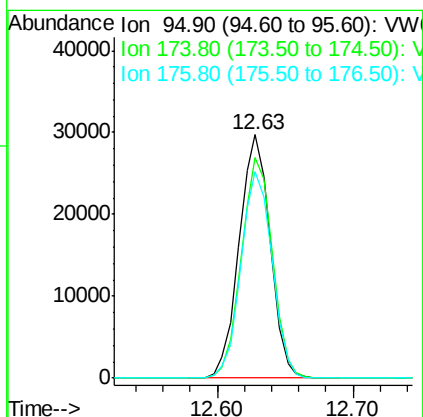
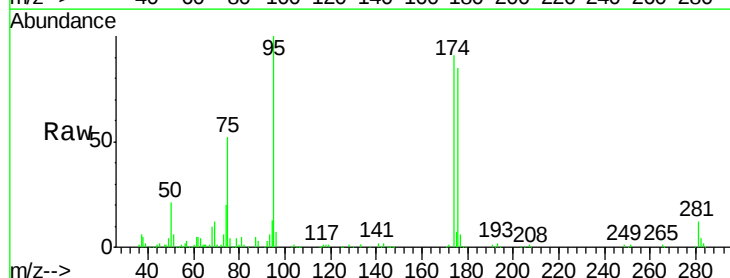
Tgt Ion: 95 Resp: 47326

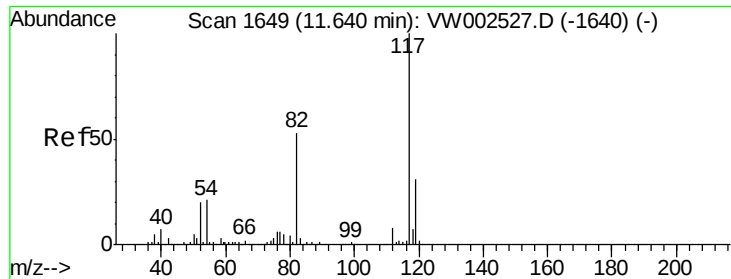
Ion Ratio Lower Upper

95 100

174 91.0 0.0 176.6

176 85.4 0.0 172.2

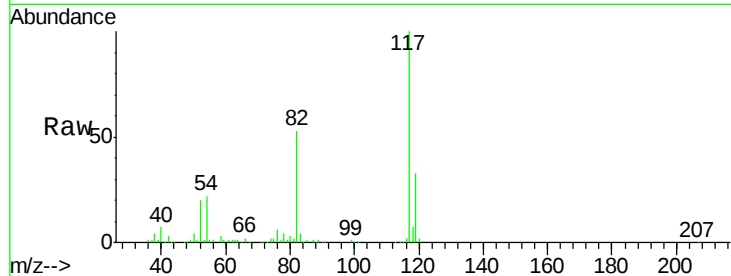




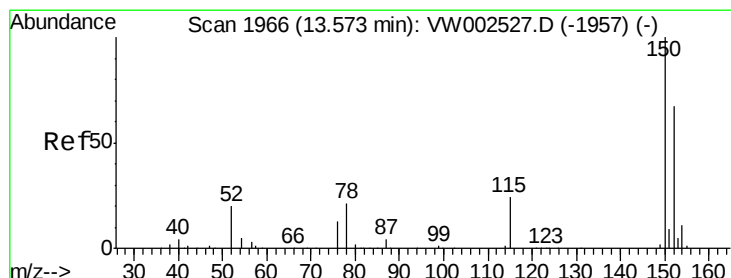
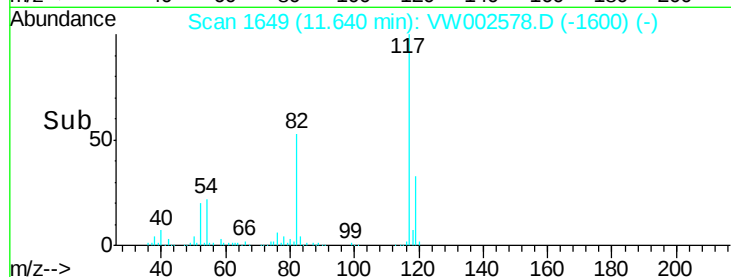
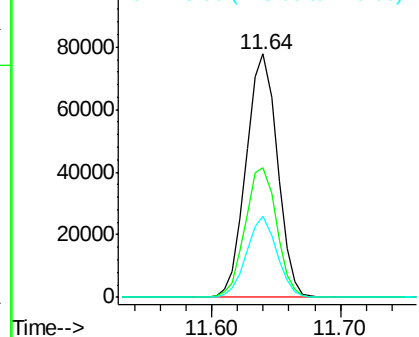
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002578.D
Acq: 16 May 2018 04:43

Instrument :
MSVOA_W
ClientSampleId :
BP-2B

Tot Ion:117 Resp: 130354
Ion Ratio Lower Upper
117 100
82 53.2 42.6 64.0
119 33.2 25.0 37.6

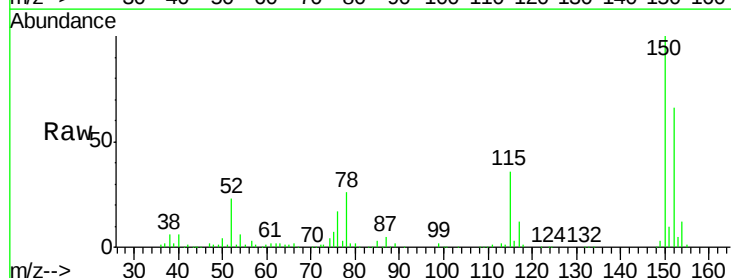


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.01 min
Lab File: VW002578.D
Acq: 16 May 2018 04:43

Tgt Ion:152 Resp: 48473
Ion Ratio Lower Upper
152 100
115 55.8 28.0 84.0
150 157.8 0.0 345.4



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

