

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051518\
 Data File : VW002559.D
 Acq On : 15 May 2018 19:04
 Operator : JC/SY
 Sample : J2888-21
 Misc : 5.05G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 26KV-N2

Quant Time: May 16 07:03:48 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	146298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	224324	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	213139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	109513	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	68878	45.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.12%	
35) Dibromofluoromethane	7.88	113	7144	5.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.04%	
50) Toluene-d8	10.33	98	201317	37.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.36%	
62) 4-Bromofluorobenzene	12.63	95	76780	38.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.56%	

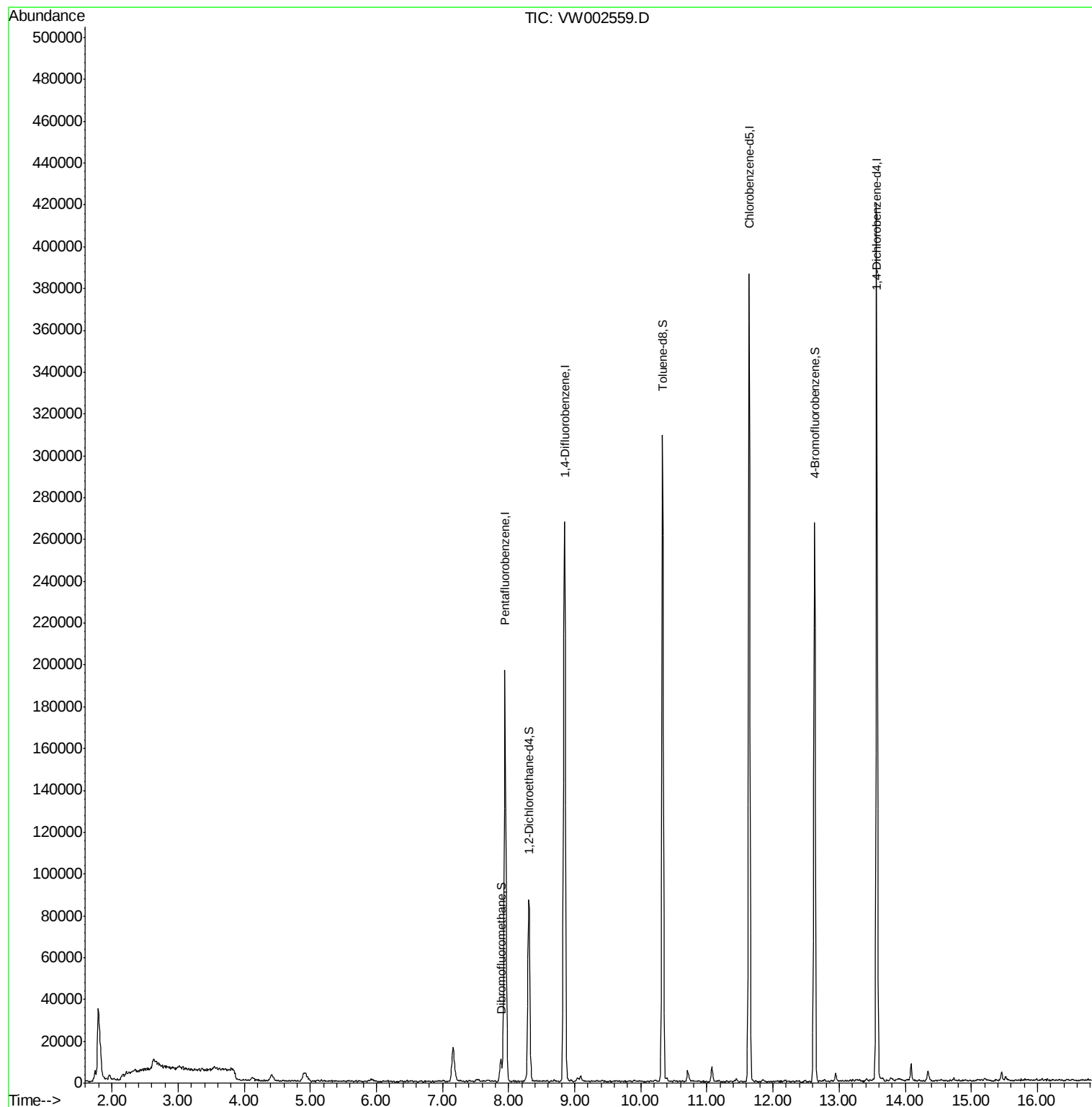
Target Compounds	Qvalue

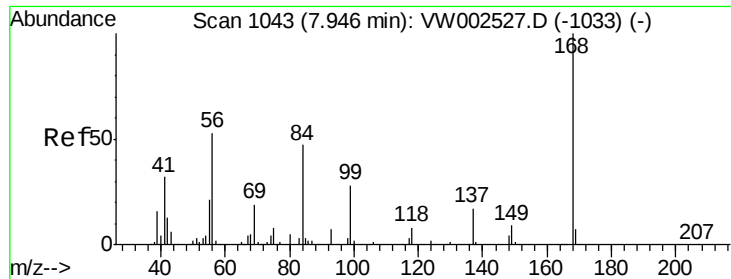
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW002559.D

Acq: 15 May 2018 19:04

Instrument :

MSVOA_W

ClientSampleId :

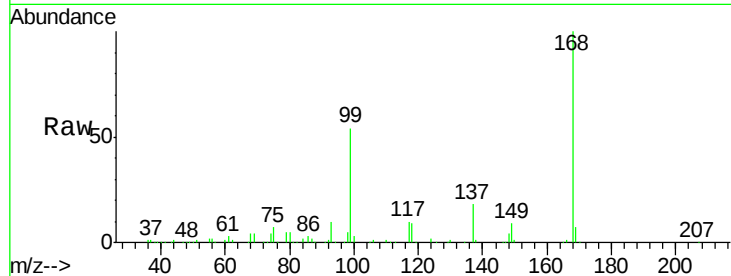
26KV-N2

Tot Ion:168 Resp: 146298

Ion Ratio Lower Upper

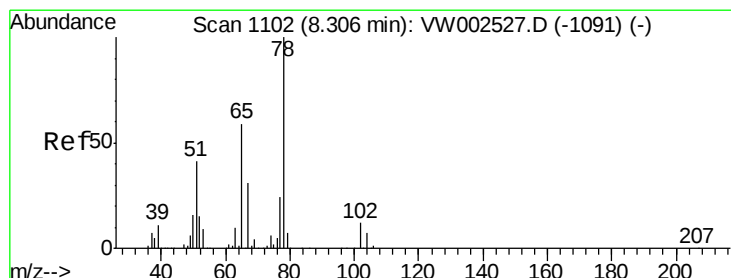
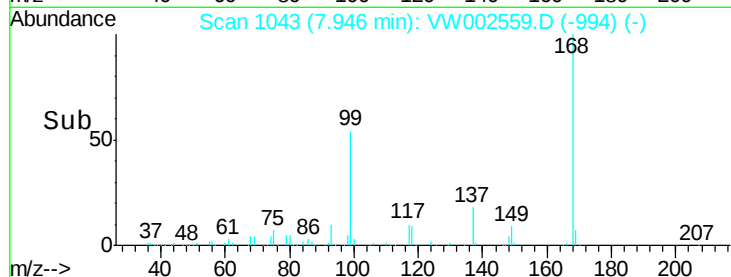
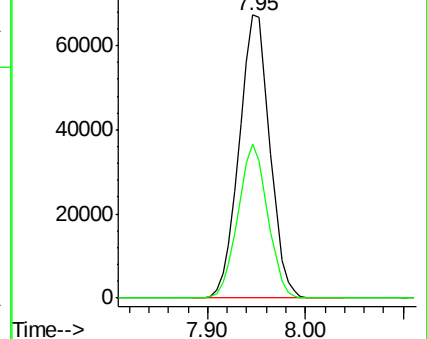
168 100

99 54.5 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: 45.56 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VW002559.D

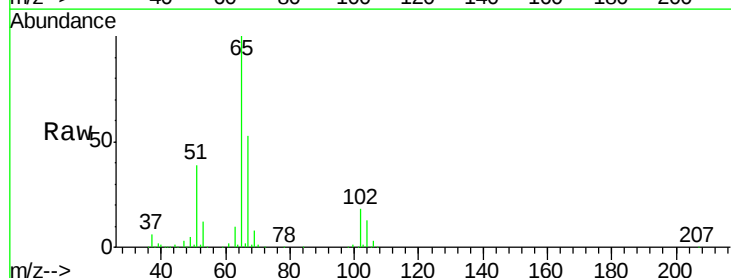
Acq: 15 May 2018 19:04

Tgt Ion: 65 Resp: 68878

Ion Ratio Lower Upper

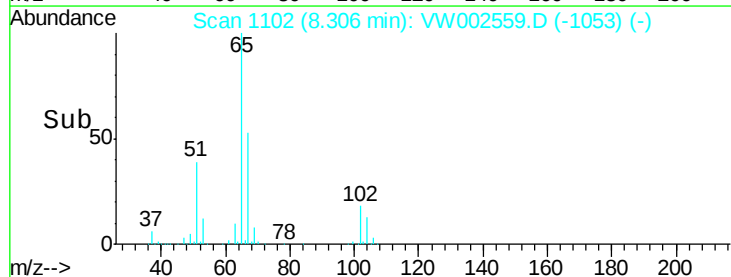
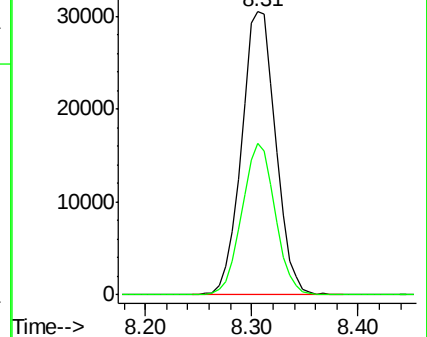
65 100

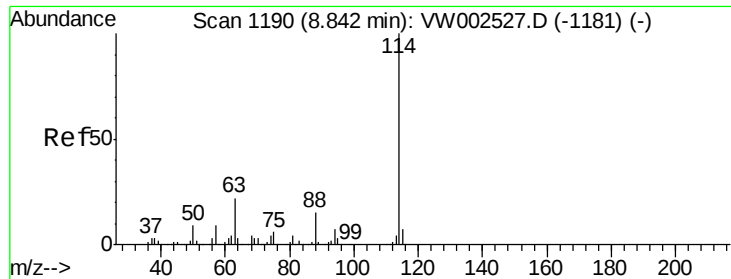
67 51.9 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

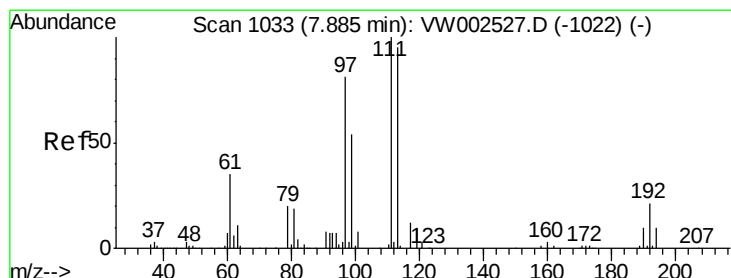
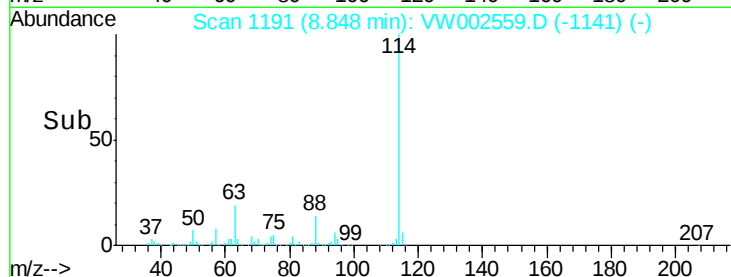
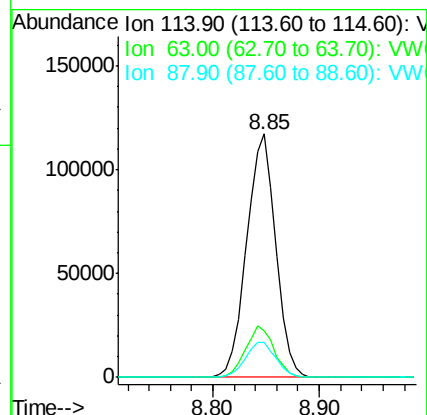
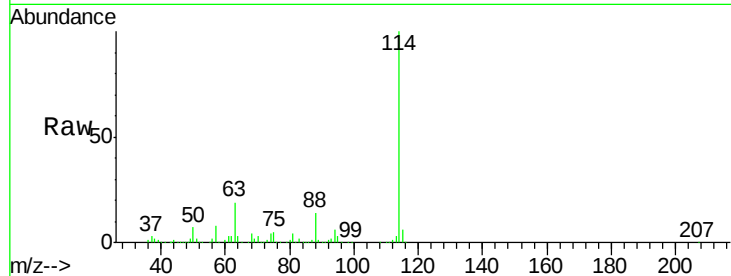




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: VW002559.D
 Acq: 15 May 2018 19:04

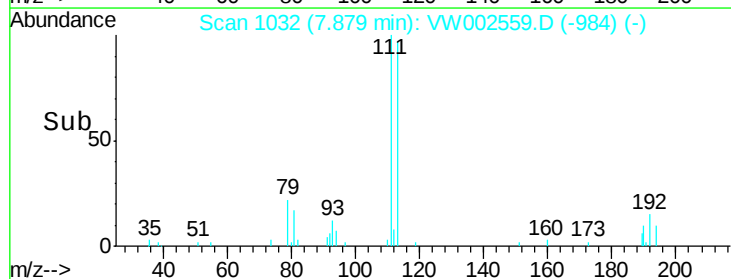
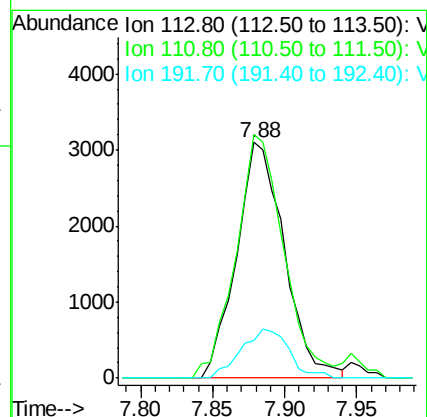
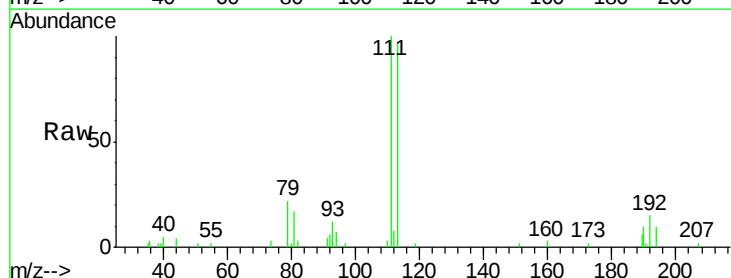
Instrument :
 MSVOA_W
 ClientSampleId :
 26KV-N2

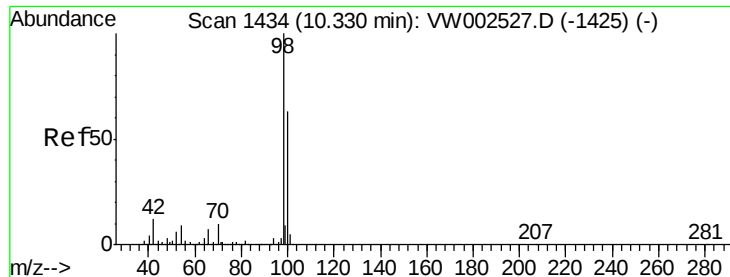
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	43.2
88	14.4	0.0	29.2



#35
 Dibromofluoromethane
 Concen: 5.02 ug/l
 RT: 7.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: VW002559.D
 Acq: 15 May 2018 19:04

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.8	122.8
192	20.8	17.5	26.3





#50

Toluene-d8

Concen: 37.18 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW002559.D

Acq: 15 May 2018 19:04

Instrument :

MSVOA_W

ClientSampleId :

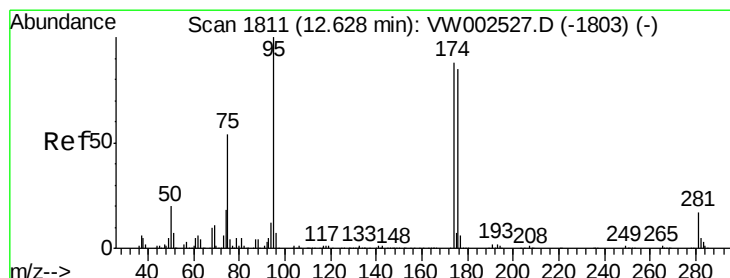
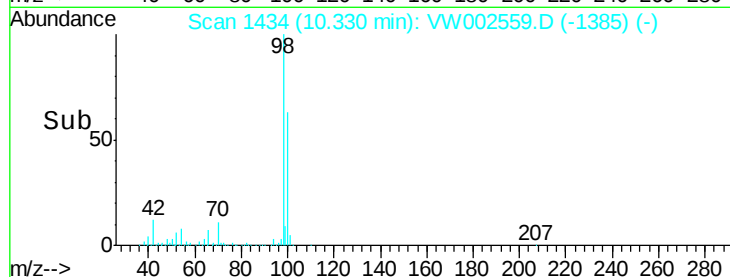
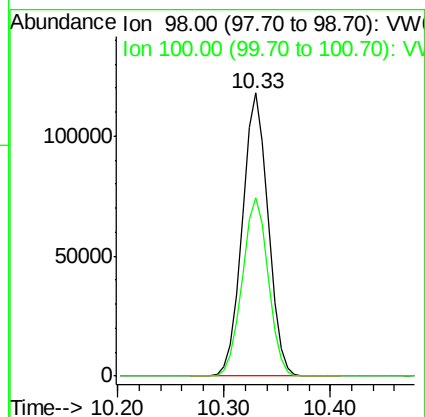
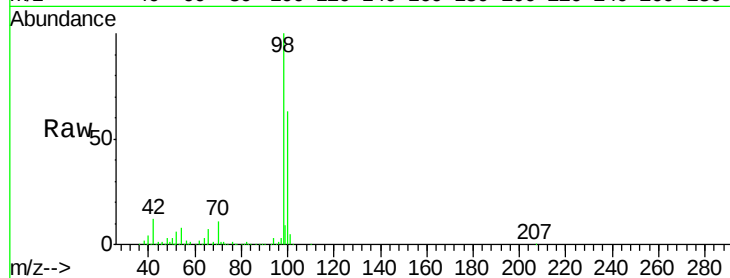
26KV-N2

Tot Ion: 98 Resp: 201317

Ion Ratio Lower Upper

98 100

100 63.5 51.0 76.4



#62

4-Bromofluorobenzene

Concen: 38.78 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW002559.D

Acq: 15 May 2018 19:04

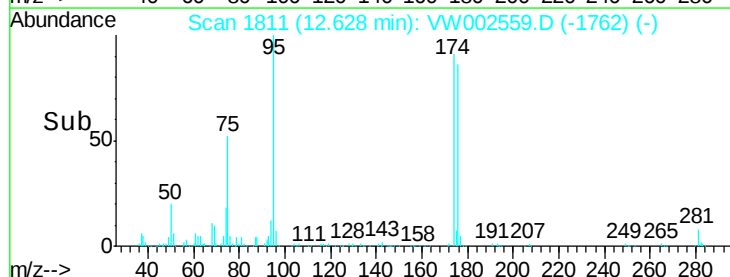
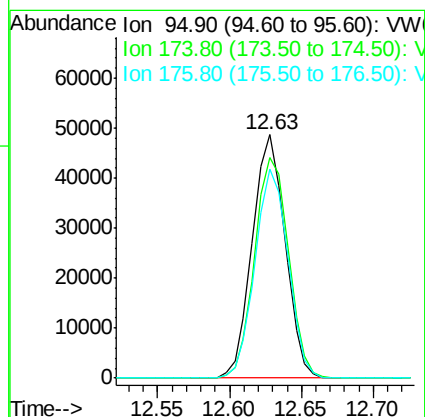
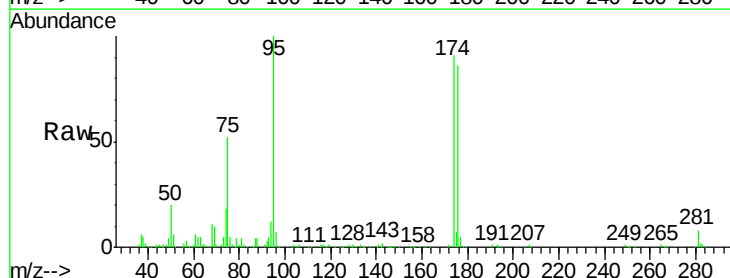
Tgt Ion: 95 Resp: 76780

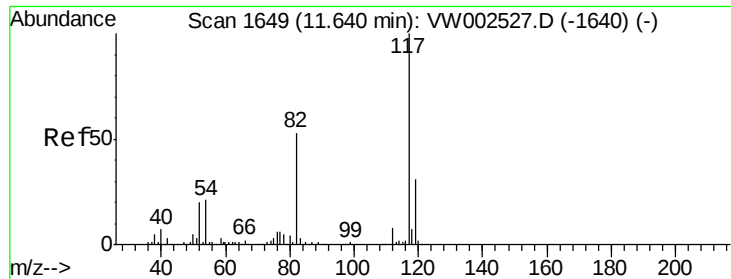
Ion Ratio Lower Upper

95 100

174 93.4 0.0 176.6

176 86.7 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: VW002559.D

Acq: 15 May 2018 19:04

Instrument :

MSVOA_W

ClientSampleId :

26KV-N2

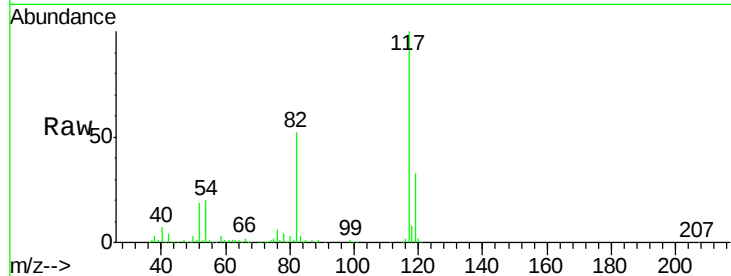
Tot Ion:117 Resp: 213139

Ion Ratio Lower Upper

117 100

82 51.7 42.6 64.0

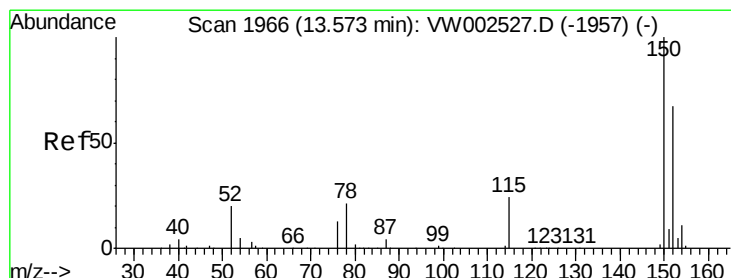
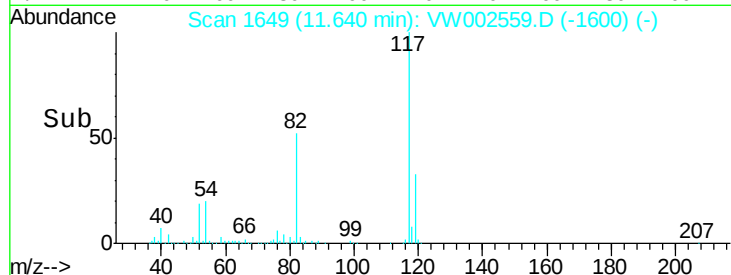
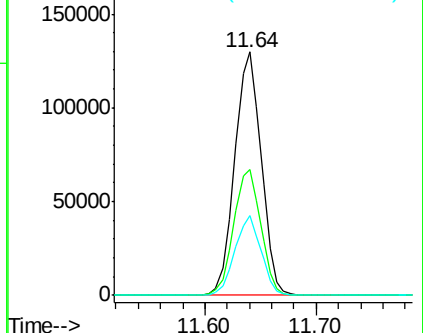
119 32.7 25.0 37.6



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# 1966

Delta R.T. 0.00 min

Lab File: VW002559.D

Acq: 15 May 2018 19:04

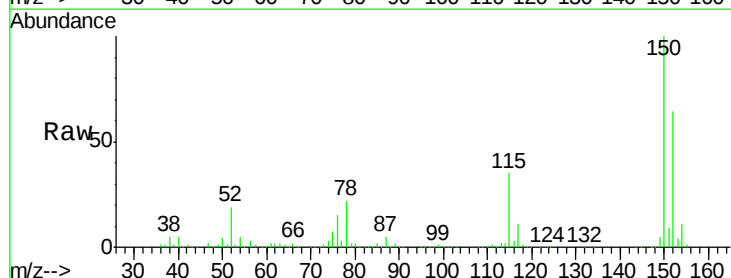
Tgt Ion:152 Resp: 109513

Ion Ratio Lower Upper

152 100

115 56.0 28.0 84.0

150 158.7 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

