

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW050818\
 Data File : VW002303.D
 Acq On : 08 May 2018 18:58
 Operator : JC/SY
 Sample : J2723-10
 Misc : 5.171G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 Q-5(1.0)

Quant Time: May 08 19:18:00 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 08 03:57:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	186185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	290823	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	263761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	132118	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	82407	41.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.36%	
35) Dibromofluoromethane	7.88	113	81446	43.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.38%	
50) Toluene-d8	10.33	98	256863	36.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.28%	
62) 4-Bromofluorobenzene	12.63	95	100450	39.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.20%	

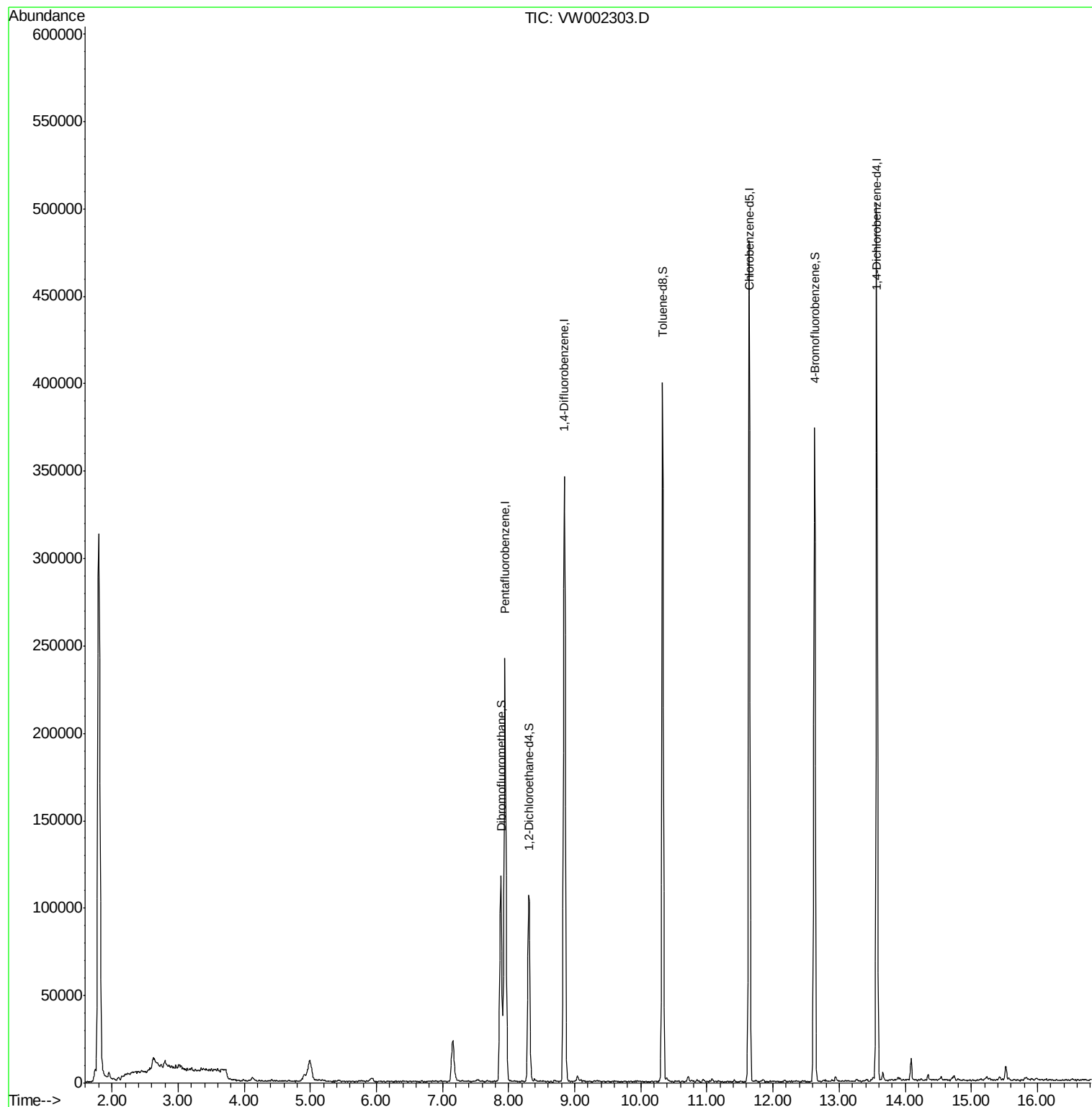
Target Compounds	Qvalue

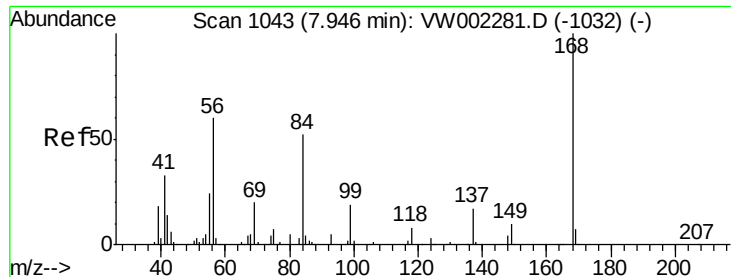
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW002303.D

Acq: 08 May 2018 18:58

Instrument :

MSVOA_W

ClientSampleId :

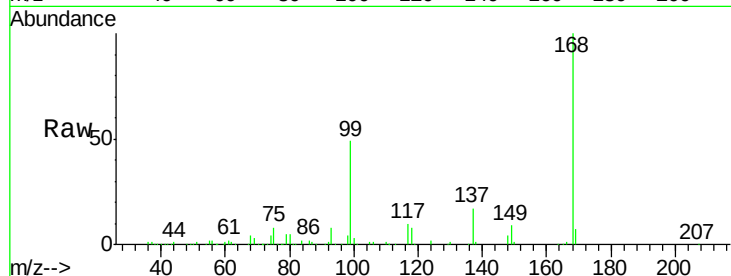
Q-5(1.0)

Tot Ion:168 Resp: 186185

Ion Ratio Lower Upper

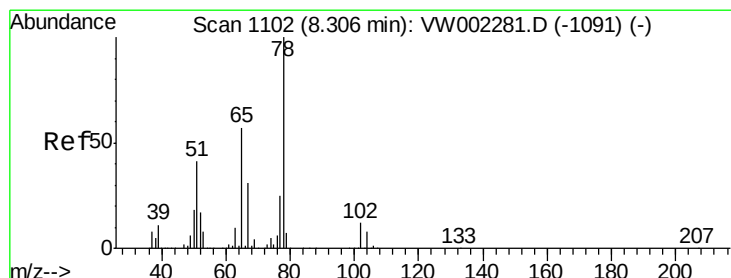
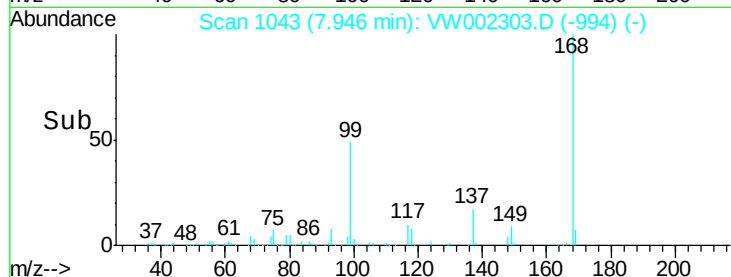
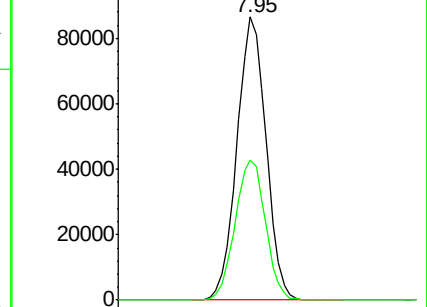
168 100

99 49.4 43.7 65.5



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: 41.68 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW002303.D

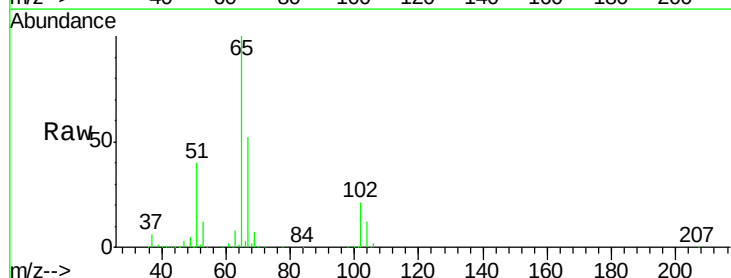
Acq: 08 May 2018 18:58

Tgt Ion: 65 Resp: 82407

Ion Ratio Lower Upper

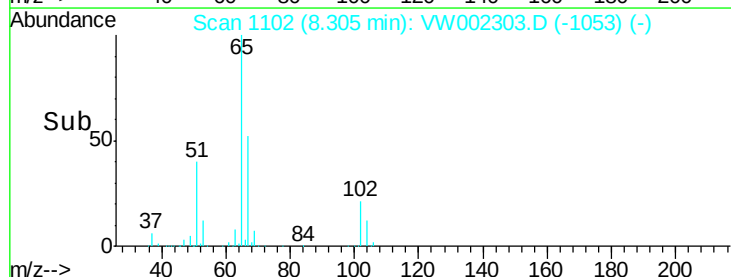
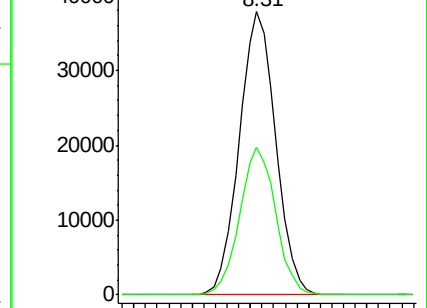
65 100

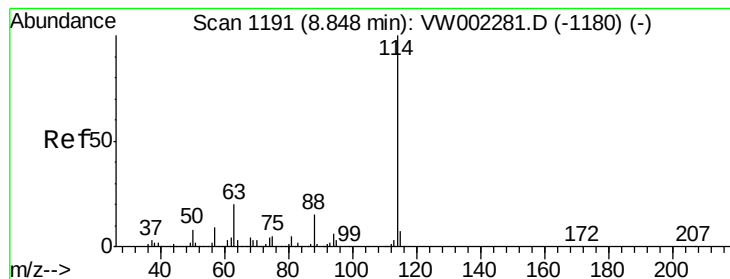
67 51.5 0.0 107.2



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: VW002303.D

Acq: 08 May 2018 18:58

Instrument :

MSVOA_W

ClientSampleId :

Q-5(1.0)

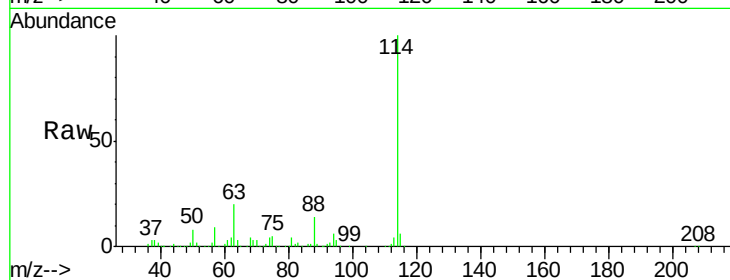
Tot Ion:114 Resp: 290823

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.0

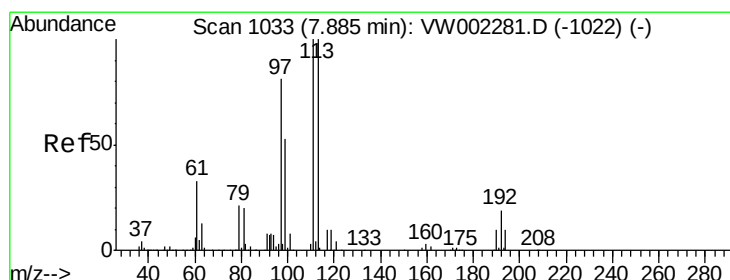
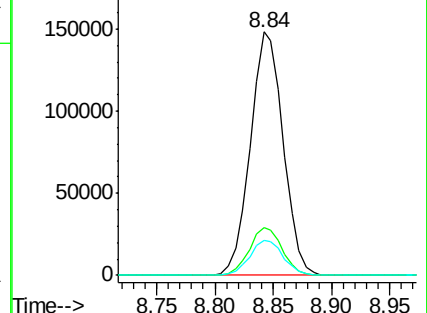
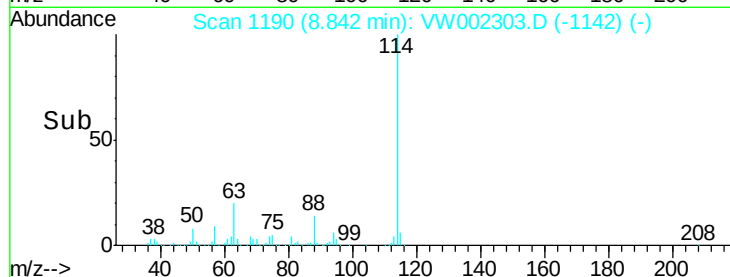
88 14.3 0.0 29.6



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: 43.69 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW002303.D

Acq: 08 May 2018 18:58

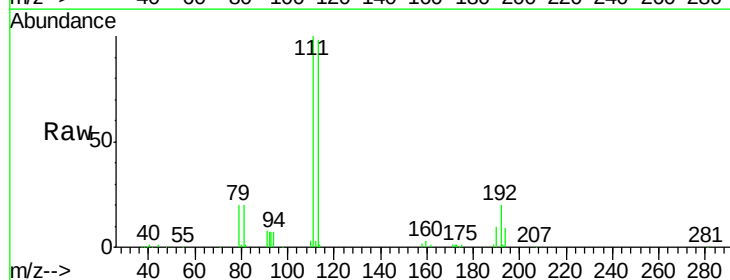
Tgt Ion:113 Resp: 81446

Ion Ratio Lower Upper

113 100

111 100.3 81.5 122.3

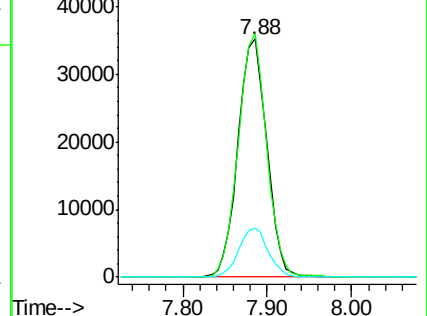
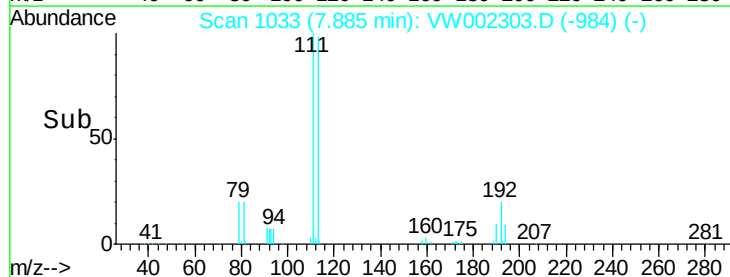
192 20.8 16.4 24.6

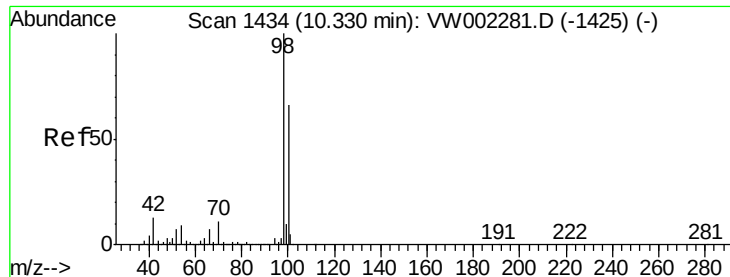


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 36.14 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002303.D

Acq: 08 May 2018 18:58

Instrument :

MSVOA_W

ClientSampleId :

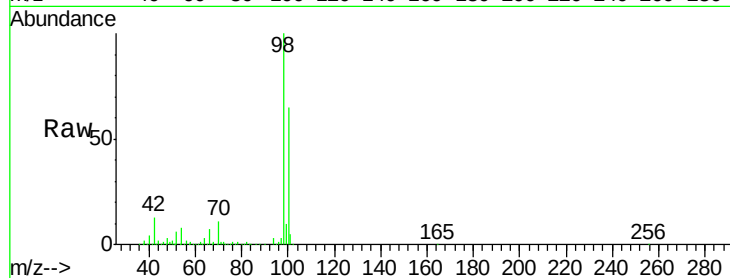
Q-5(1.0)

Tot Ion: 98 Resp: 256863

Ion Ratio Lower Upper

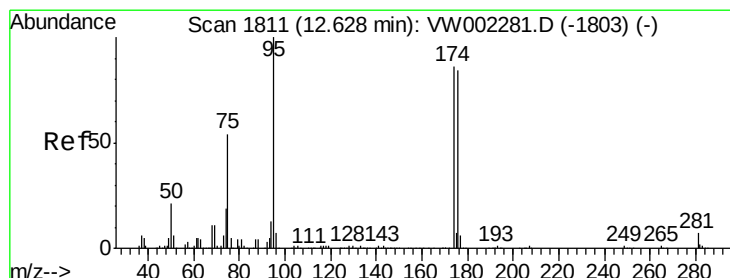
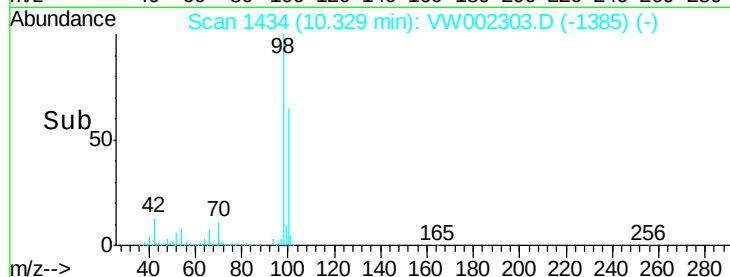
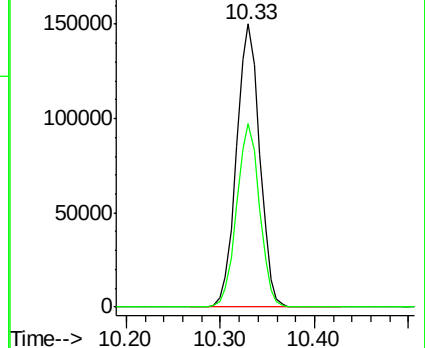
98 100

100 63.8 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 39.10 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002303.D

Acq: 08 May 2018 18:58

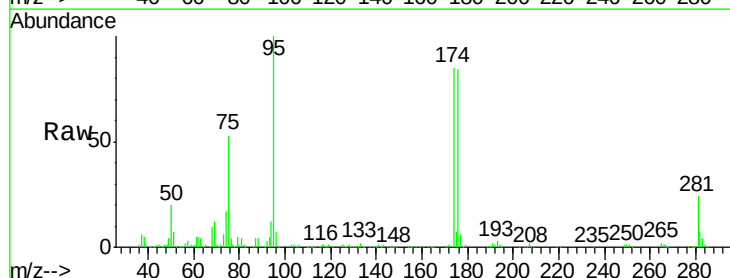
Tgt Ion: 95 Resp: 100450

Ion Ratio Lower Upper

95 100

174 88.4 0.0 176.8

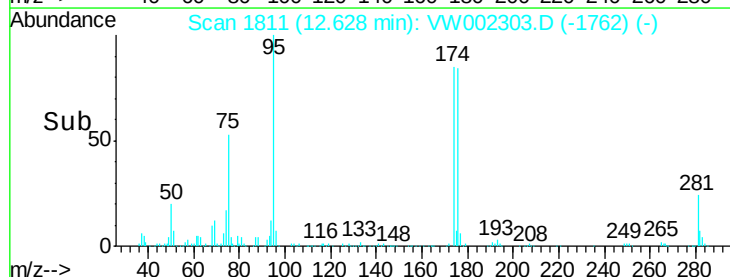
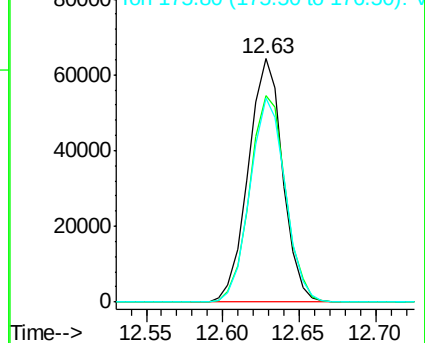
176 86.3 0.0 170.4

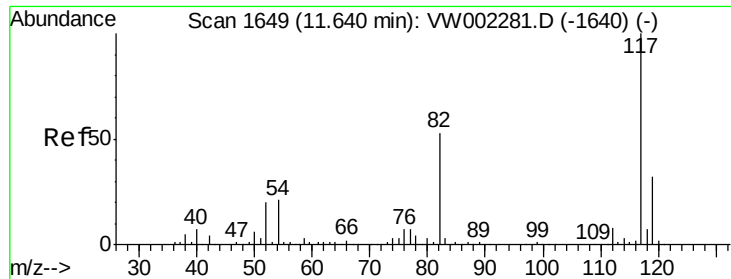


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

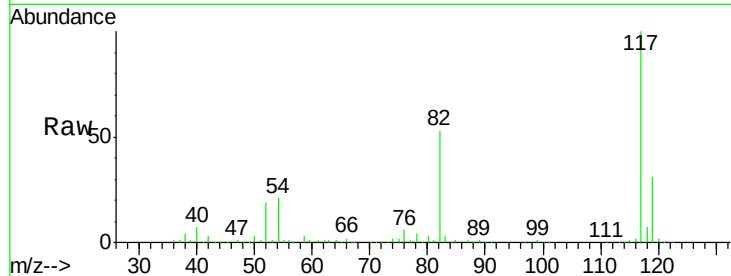




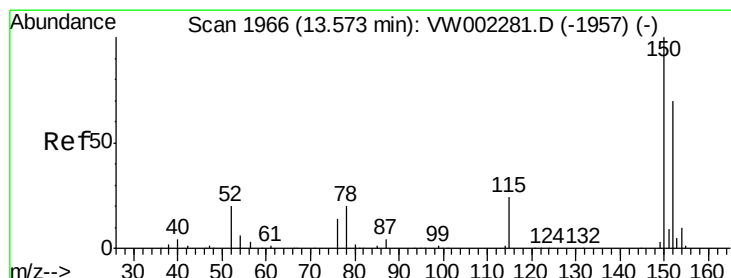
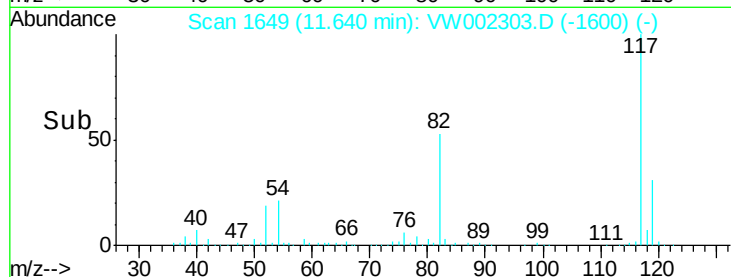
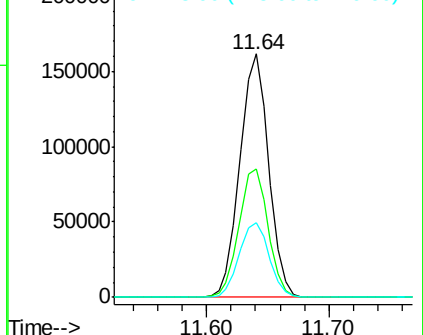
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002303.D
Acq: 08 May 2018 18:58

Instrument :
MSVOA_W
ClientSampleId :
Q-5(1.0)

Tot Ion:117 Resp: 263761
Ion Ratio Lower Upper
117 100
82 52.8 42.6 63.8
119 30.7 25.2 37.8

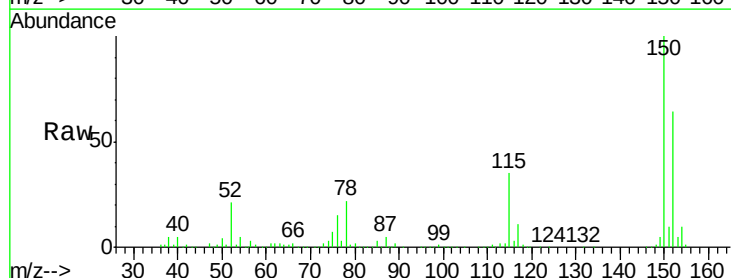


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. -0.00 min
Lab File: VW002303.D
Acq: 08 May 2018 18:58

Tgt Ion:152 Resp: 132118
Ion Ratio Lower Upper
152 100
115 57.1 28.5 85.5
150 156.6 0.0 342.6



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

