

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082118\
 Data File : VW004838.D
 Acq On : 21 Aug 2018 13:54
 Operator : SY/AP
 Sample : J4538-02
 Misc : 11.25G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSS2

Quant Time: Aug 22 11:28:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	542092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	865178	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	792866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	315634	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	317966	60.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.34%	
35) Dibromofluoromethane	7.88	113	298658	54.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.02%	
50) Toluene-d8	10.33	98	1021931	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	
62) 4-Bromofluorobenzene	12.63	95	305845	39.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.76%	

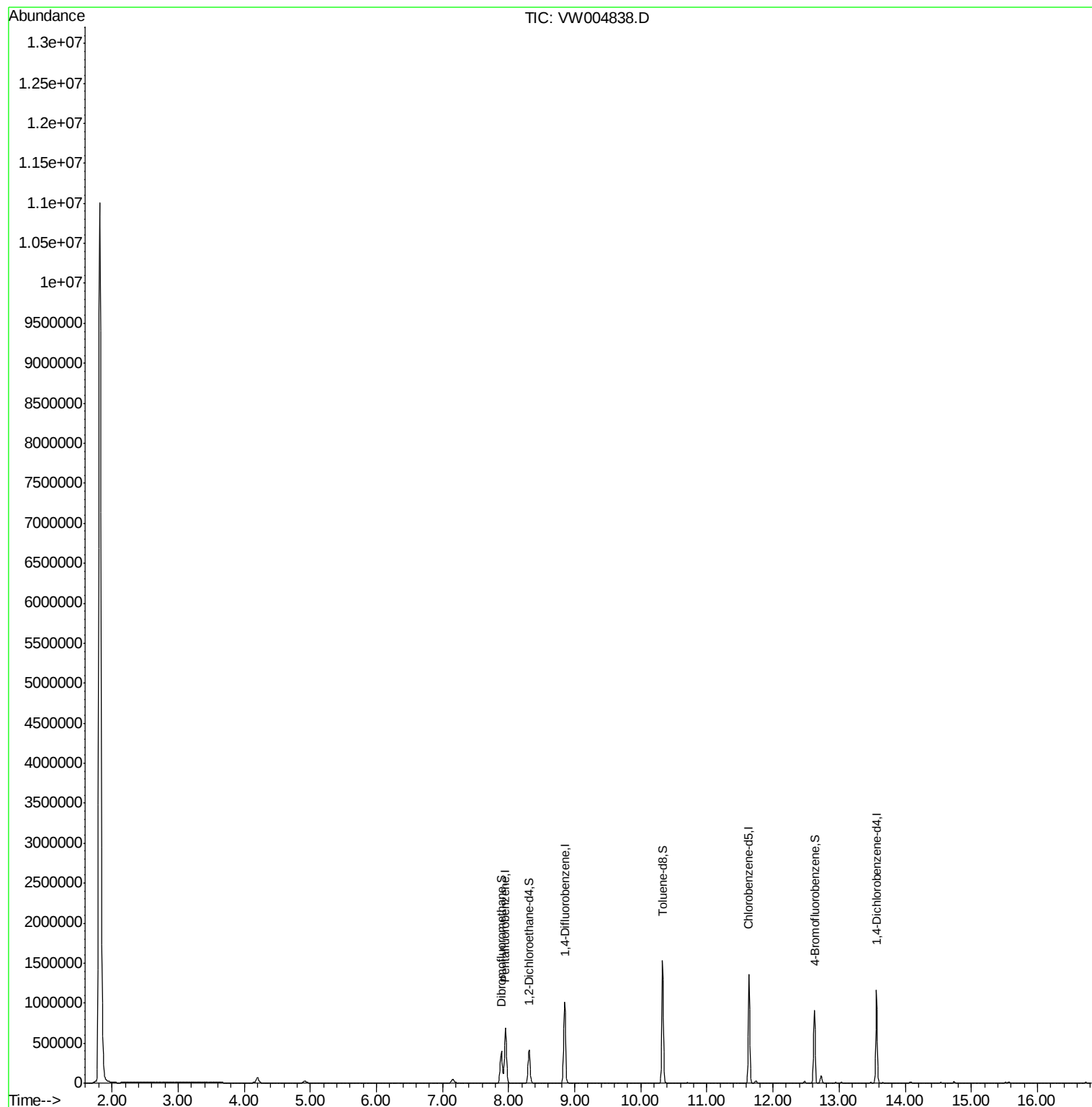
Target Compounds	Qvalue

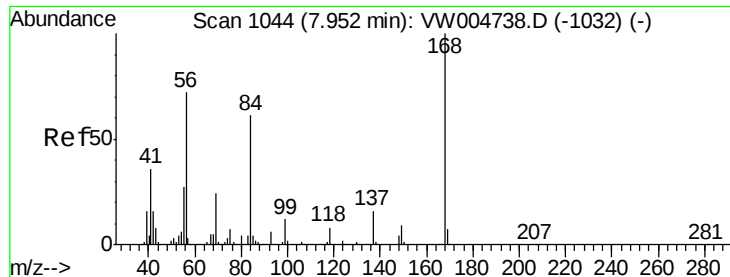
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004838.D

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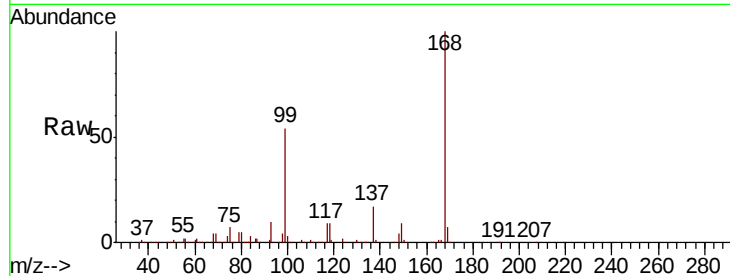
Instrument :
MSVOA_W
ClientSampled :
VSS2

Tot Ion:168 Resp: 542092

Ion Ratio Lower Upper

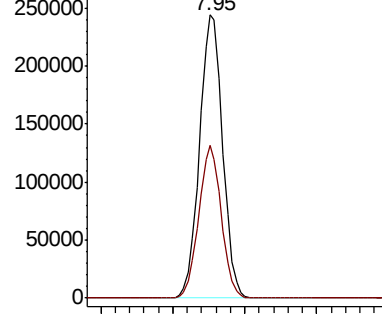
168 100

99 53.8 41.0 61.4

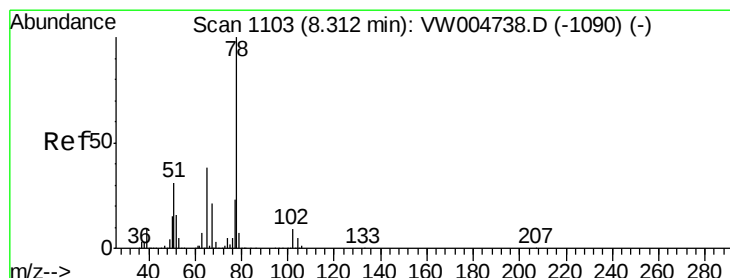
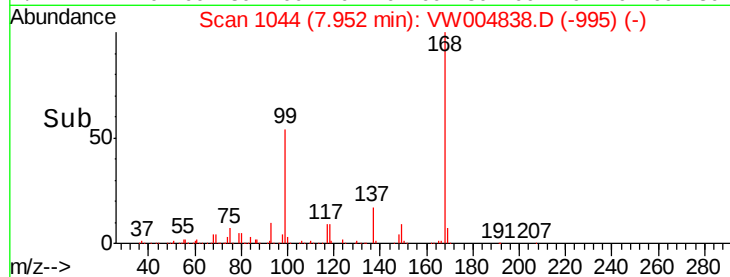


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



Time-->



#33

1,2-Dichloroethane-d4

Concen: 60.67 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW004838.D

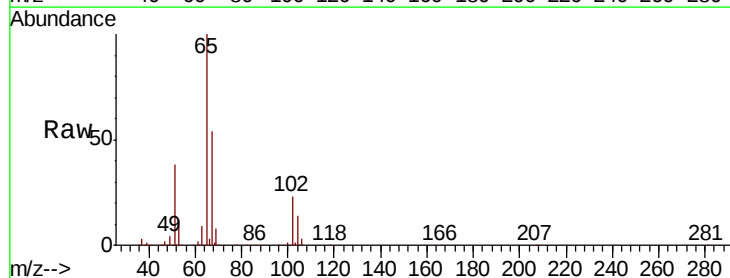
Acq: 21 Aug 2018 13:54

Tgt Ion: 65 Resp: 317966

Ion Ratio Lower Upper

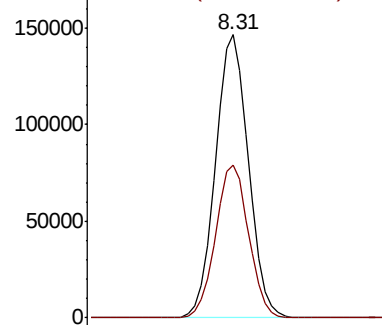
65 100

67 54.4 0.0 109.4

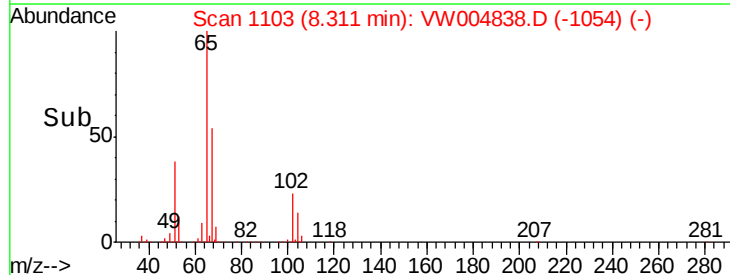


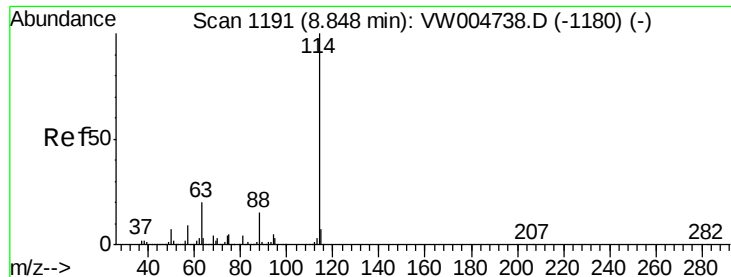
Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



Time-->

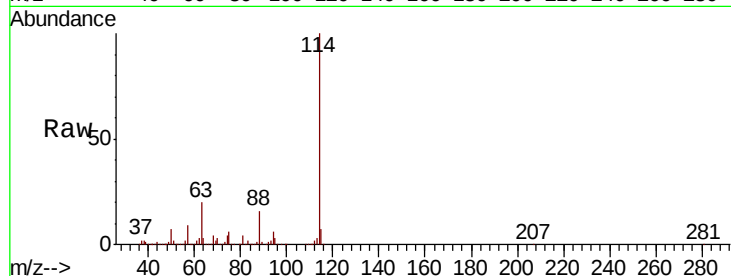




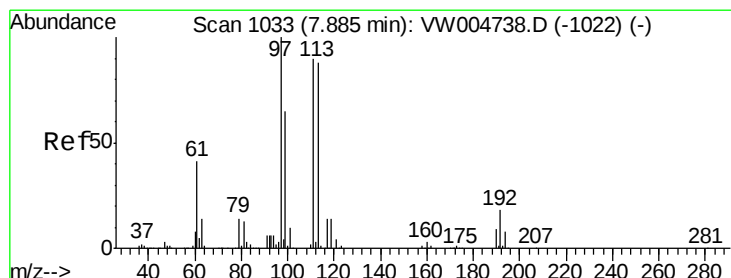
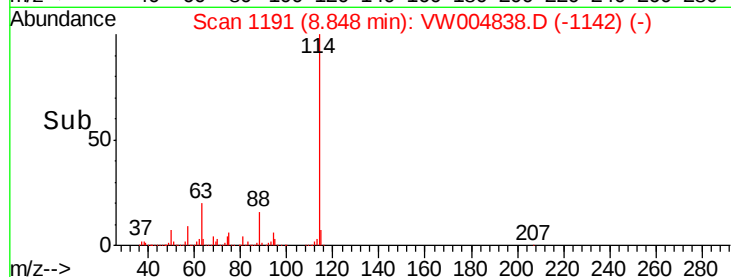
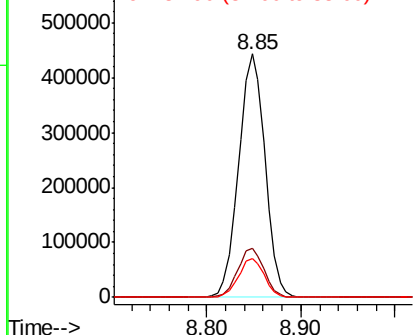
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004838.D
 Acq: 21 Aug 2018 13:54

Instrument :
 MSVOA_W
 ClientSampled :
 VSS2

Tot Ion:114	Resp:	865178
Ion Ratio	Lower	Upper
114	100	
63	20.3	0.0 39.0
88	15.7	0.0 30.0

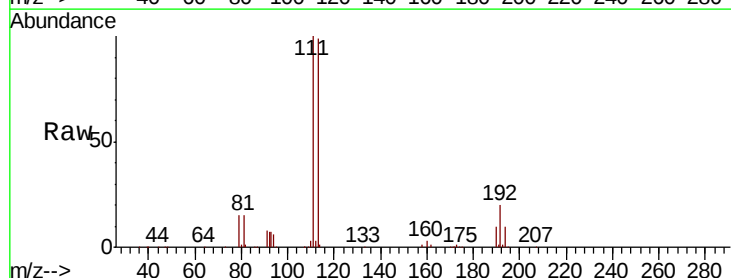


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

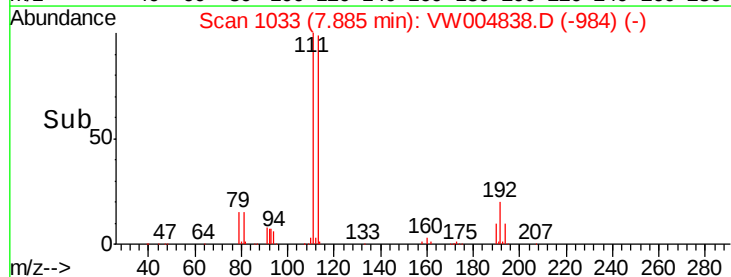
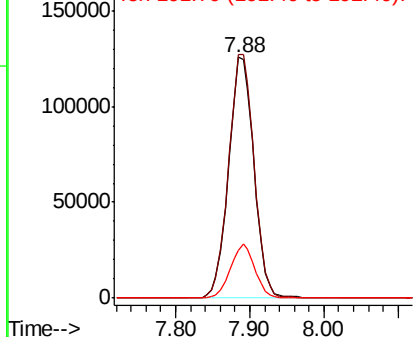


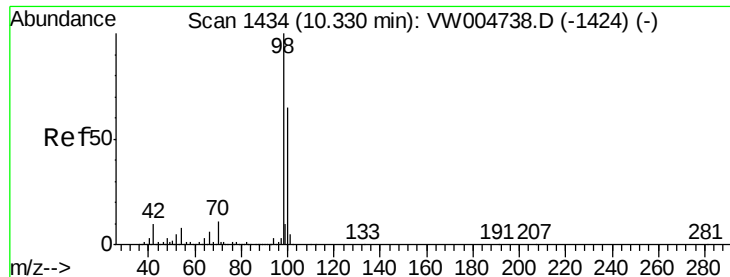
#35
 Dibromofluoromethane
 Concen: 54.01 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004838.D
 Acq: 21 Aug 2018 13:54

Tgt Ion:113	Resp:	298658
Ion Ratio	Lower	Upper
113	100	
111	101.8	82.4 123.6
192	21.6	16.7 25.1



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: 47.34 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004838.D

Acq: 21 Aug 2018 13:54

Instrument :

MSVOA_W

ClientSampleId :

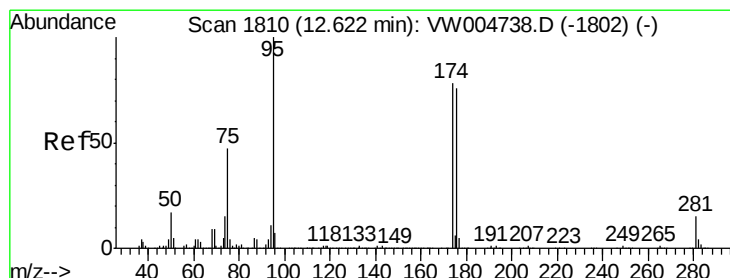
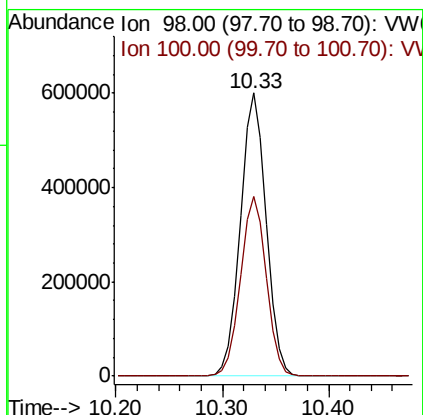
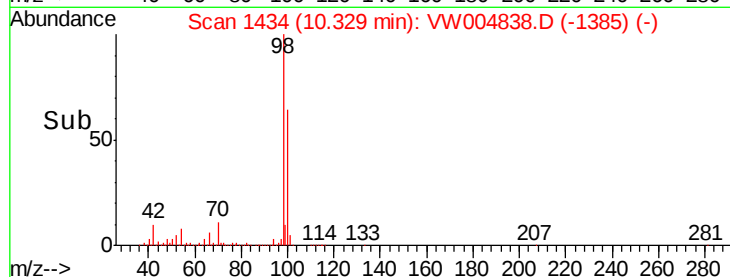
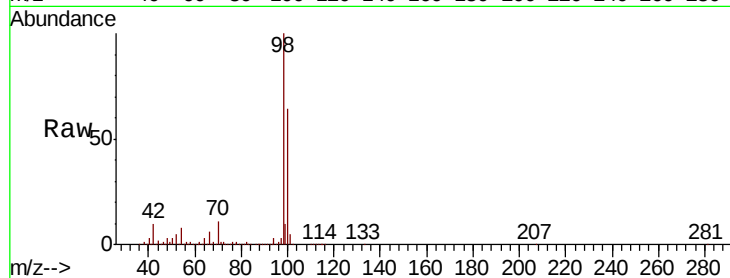
VSS2

Tot Ion: 98 Resp: 1021931

Ion Ratio Lower Upper

98 100

100 63.6 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 39.38 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW004838.D

Acq: 21 Aug 2018 13:54

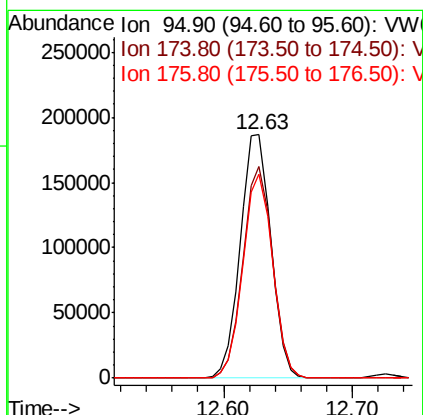
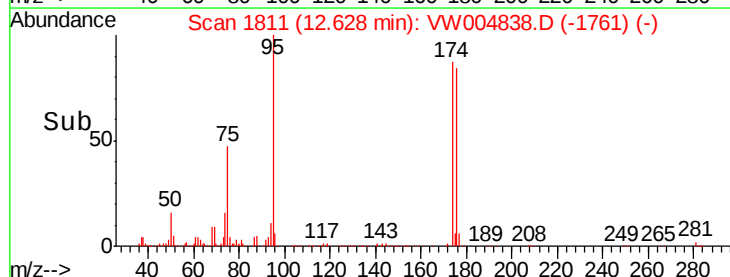
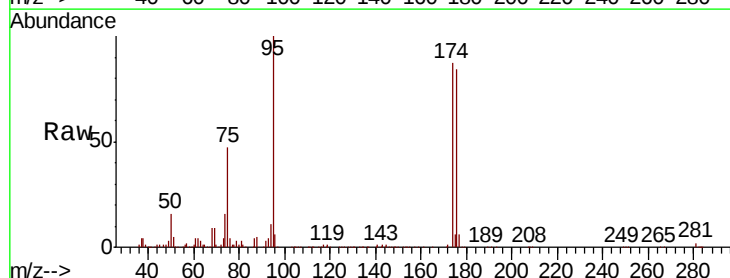
Tgt Ion: 95 Resp: 305845

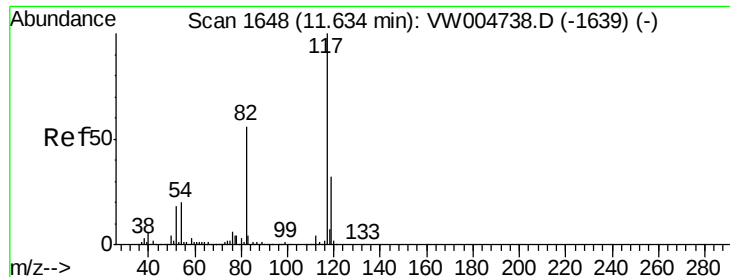
Ion Ratio Lower Upper

95 100

174 84.1 0.0 165.8

176 81.3 0.0 159.8

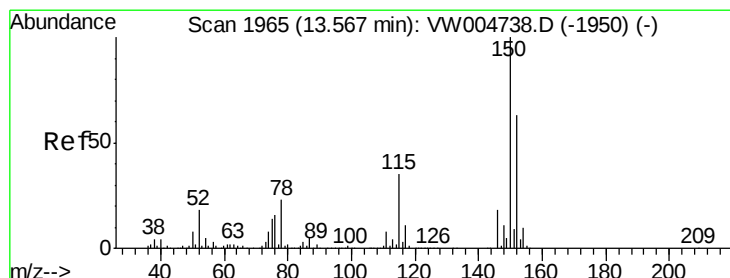
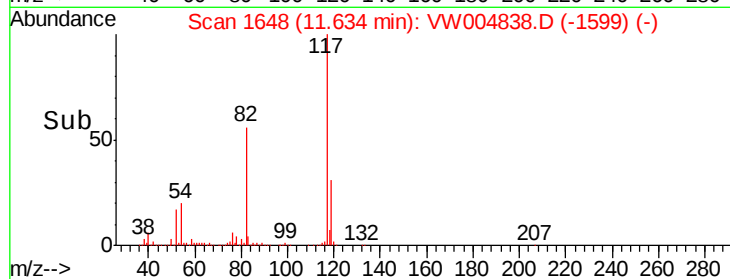
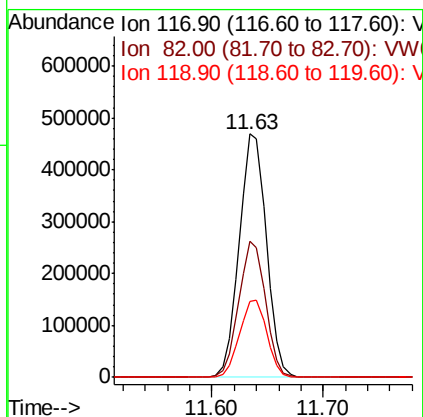
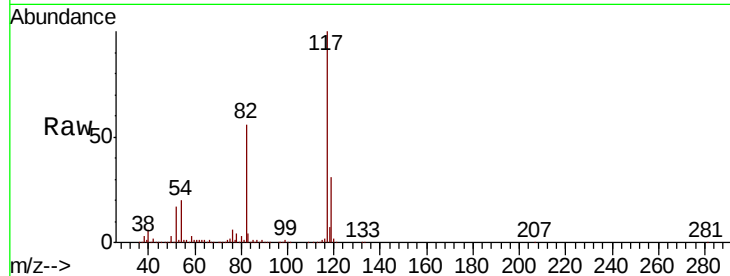




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004838.D
Acq: 21 Aug 2018 13:54

Instrument :
MSVOA_W
ClientSampleId :
VSS2

Tot Ion:117 Resp: 792866
Ion Ratio Lower Upper
117 100
82 55.8 44.6 67.0
119 31.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004838.D
Acq: 21 Aug 2018 13:54

Tgt Ion:152 Resp: 315634
Ion Ratio Lower Upper
152 100
115 56.3 28.5 85.5
150 156.7 0.0 344.8

