

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
 Data File : VW005915.D
 Acq On : 09 Oct 2018 01:54
 Operator : SY/AP
 Sample : J5302-05
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-5-(14.5-15)

Quant Time: Oct 09 08:03:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	468730	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	700775	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	645313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	345825	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	150497	33.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.14%	
35) Dibromofluoromethane	7.88	113	163226	36.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.96%	
50) Toluene-d8	10.33	98	569248	33.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.14%	
62) 4-Bromofluorobenzene	12.62	95	224888	34.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.68%	

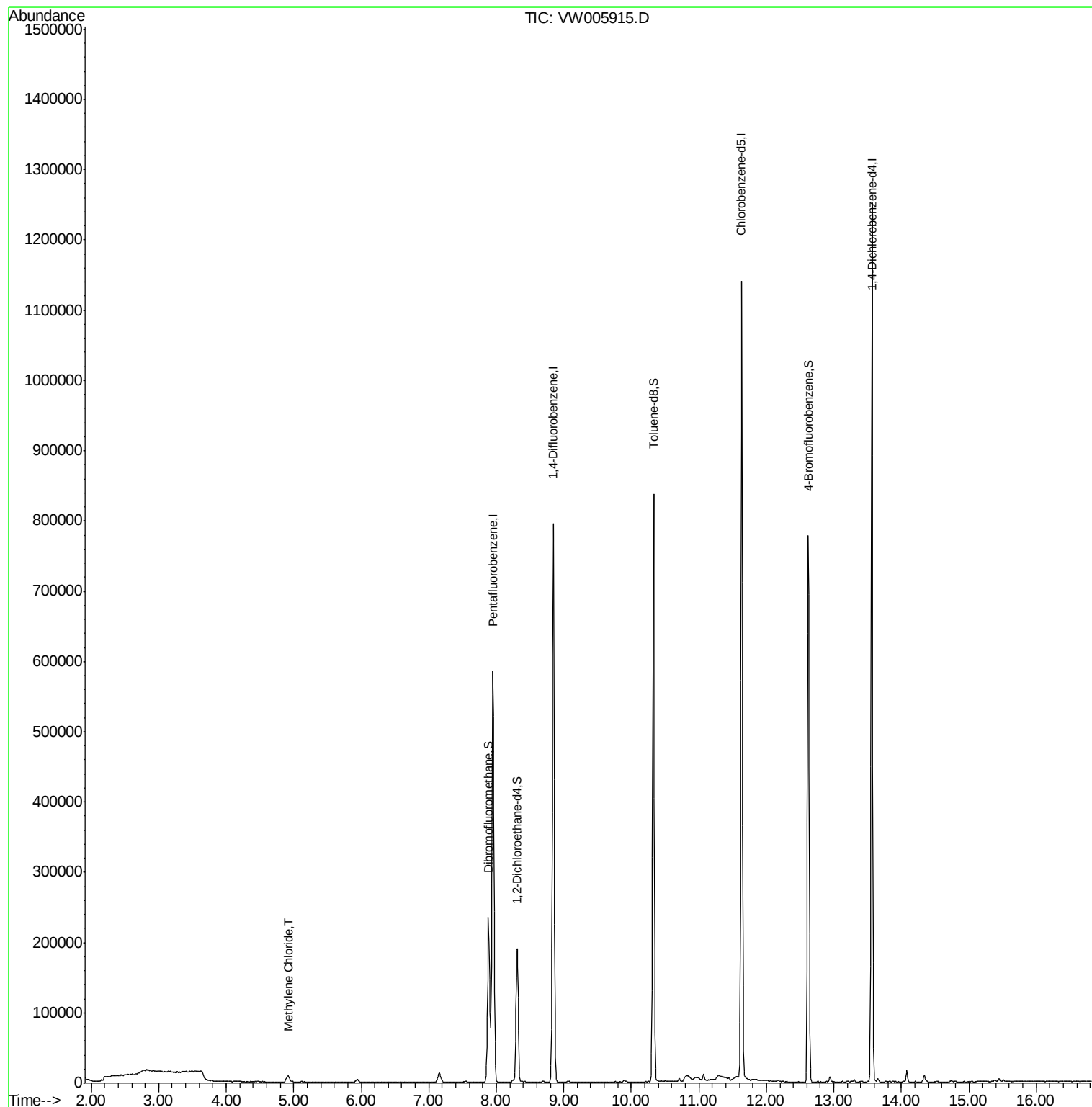
Target Compounds						Qvalue
20) Methylene Chloride	4.91	84	7546	1.66	ug/l	89

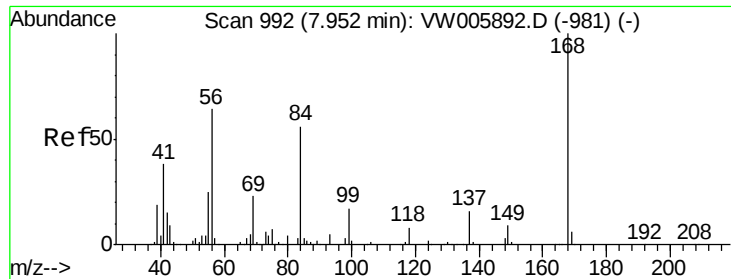
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 09 02:14:04 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

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Acq: 09 Oct 2018 01:54

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MSVOA_W

ClientSampleId :

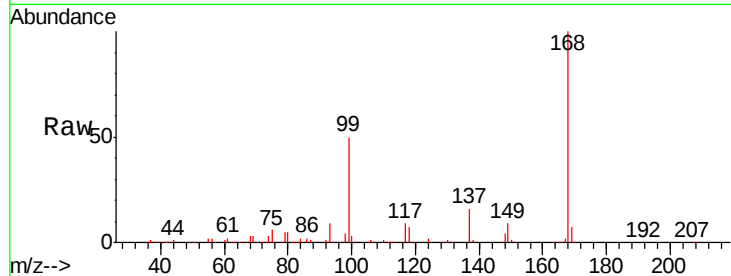
SB-5-(14.5-15)

Tgt Ion:168 Resp: 468730

Ion Ratio Lower Upper

168 100

99 50.1 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

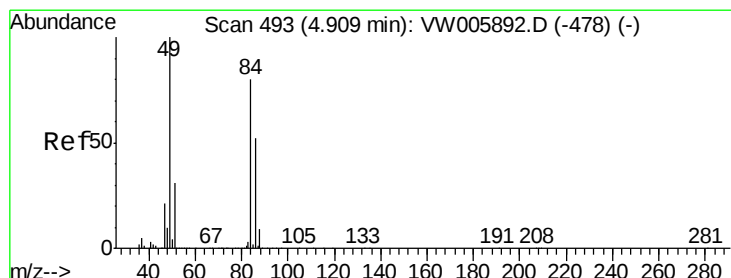
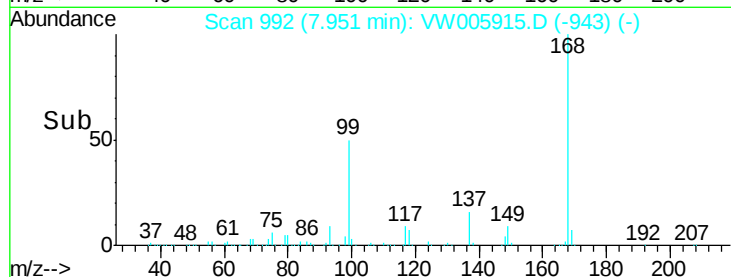
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.66 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.00 min

Lab File: VW005915.D

Acq: 09 Oct 2018 01:54

Tgt Ion: 84 Resp: 7546

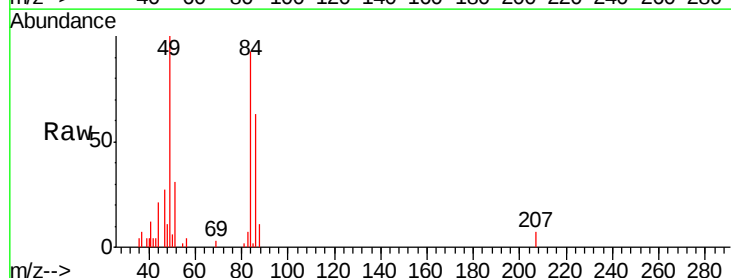
Ion Ratio Lower Upper

84 100

49 107.8 99.9 149.9

51 33.6 31.1 46.7

86 68.3 51.8 77.6



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

4000

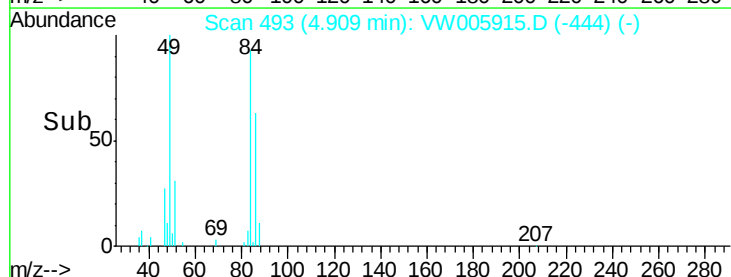
3000

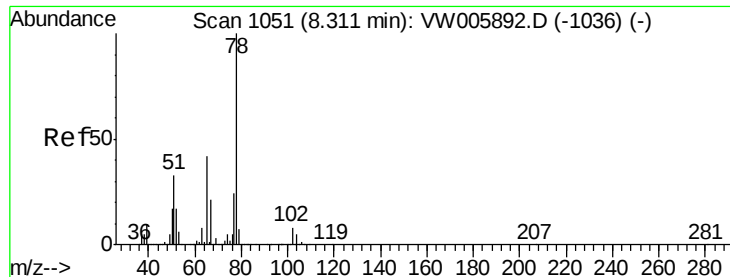
2000

1000

0

Time-->

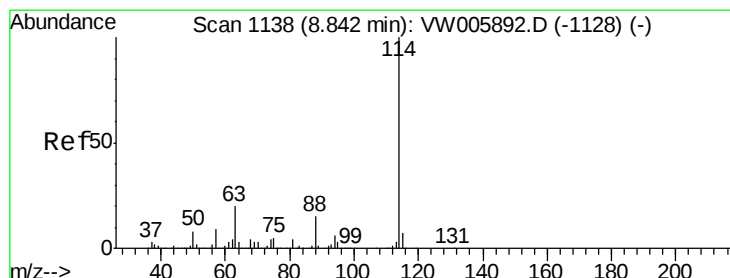
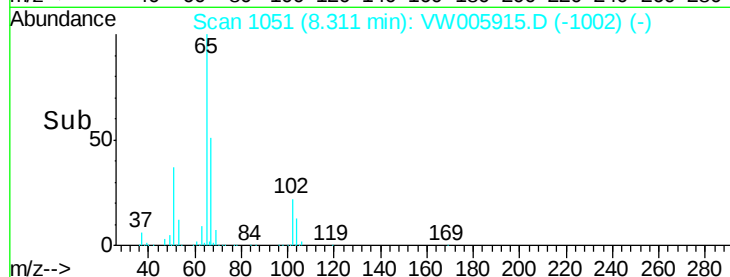
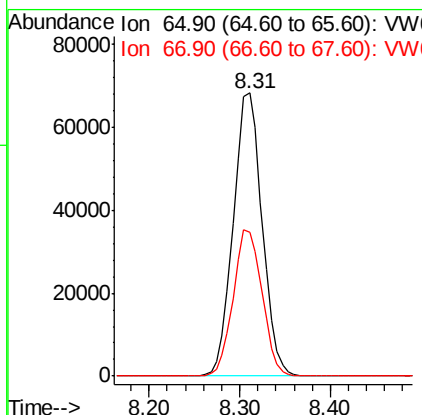
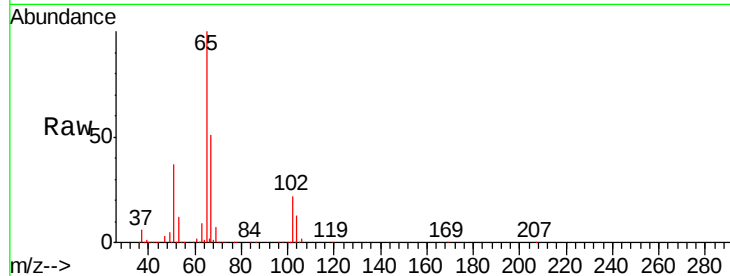




#33
 1,2-Dichloroethane-d4
 Concen: 33.07 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005915.D
 Acq: 09 Oct 2018 01:54

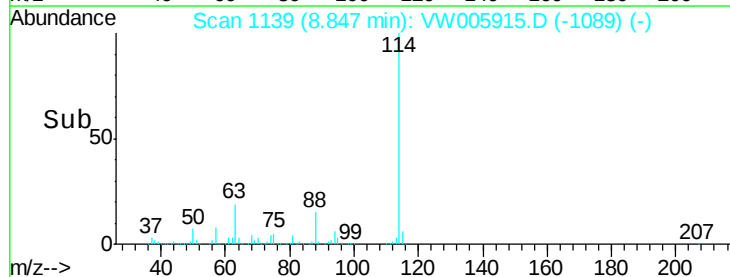
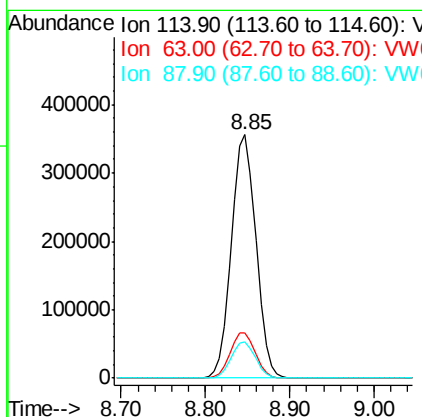
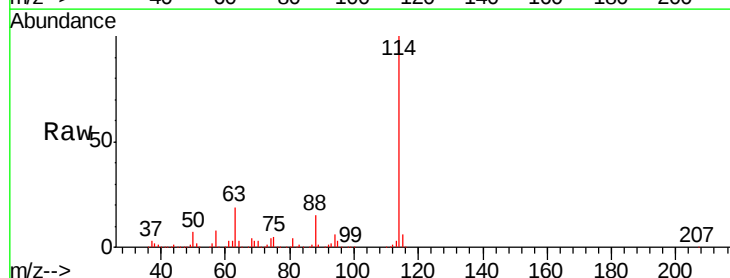
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-5-(14.5-15)

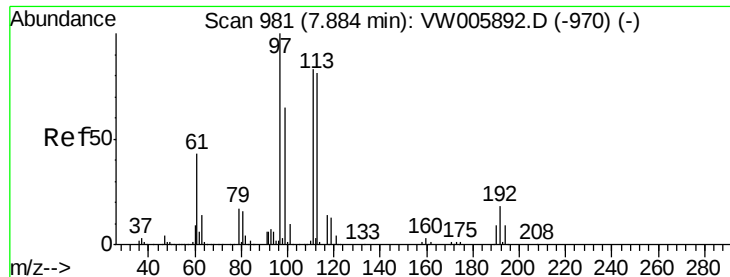
Tgt Ion: 65 Resp: 150497
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005915.D
 Acq: 09 Oct 2018 01:54

Tgt Ion: 114 Resp: 700775
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.2
 88 14.8 0.0 30.8





#35

Dibromofluoromethane

Concen: 36.48 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW005915.D

Acq: 09 Oct 2018 01:54

Instrument :

MSVOA_W

ClientSampleId :

SB-5-(14.5-15)

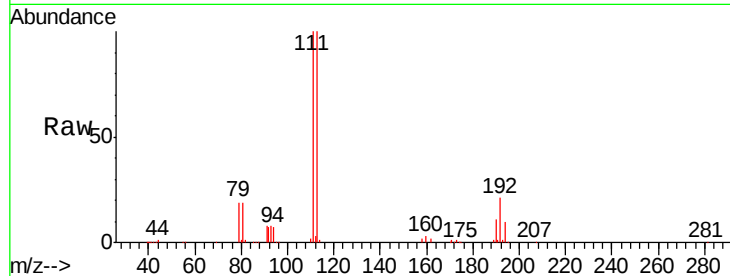
Tgt Ion:113 Resp: 163226

Ion Ratio Lower Upper

113 100

111 102.8 82.0 123.0

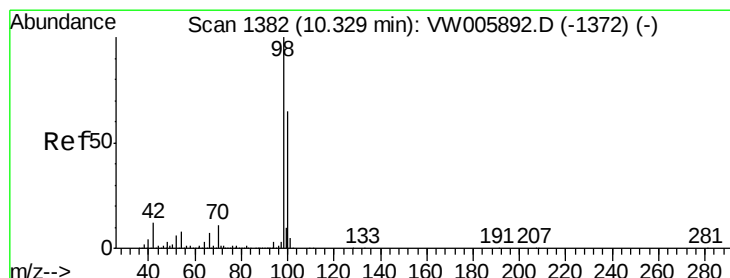
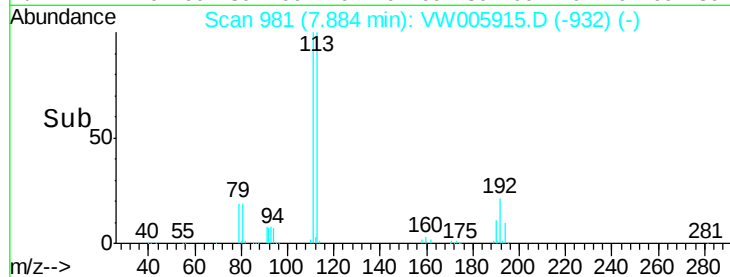
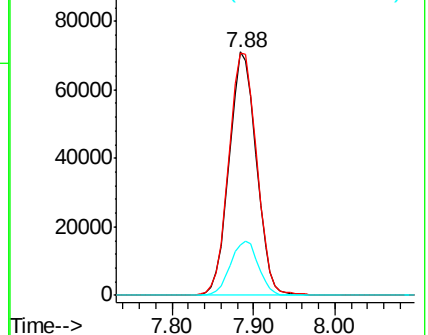
192 22.6 18.3 27.5



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: 33.07 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005915.D

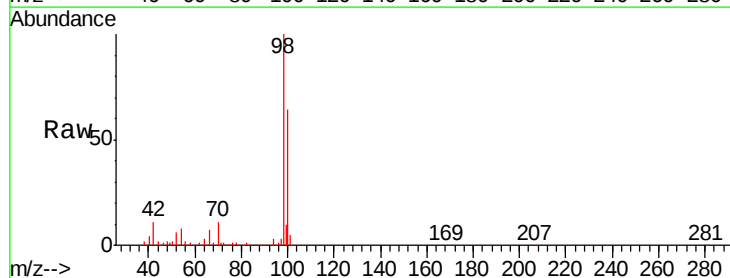
Acq: 09 Oct 2018 01:54

Tgt Ion: 98 Resp: 569248

Ion Ratio Lower Upper

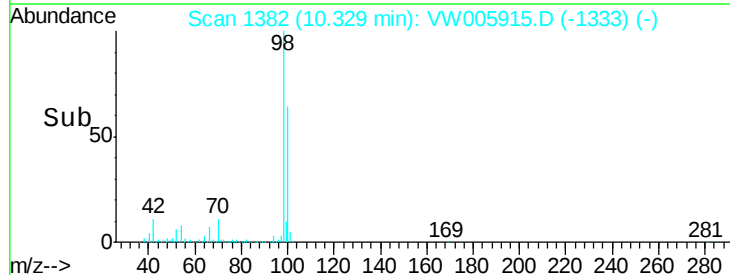
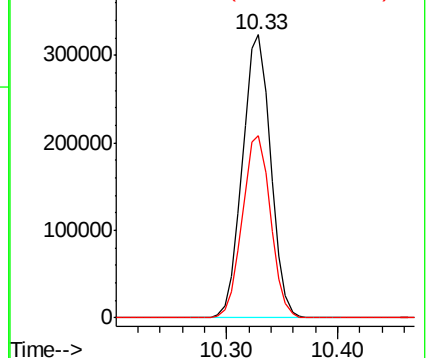
98 100

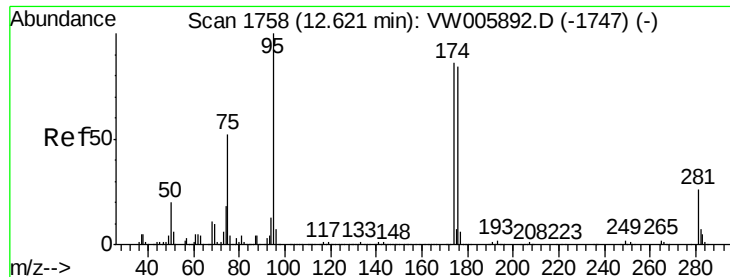
100 64.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

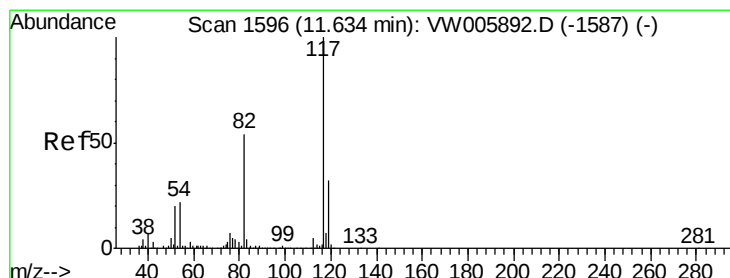
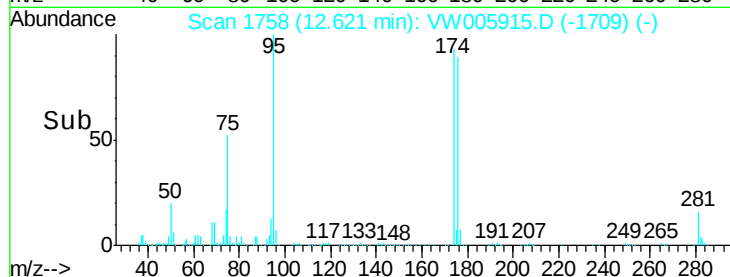
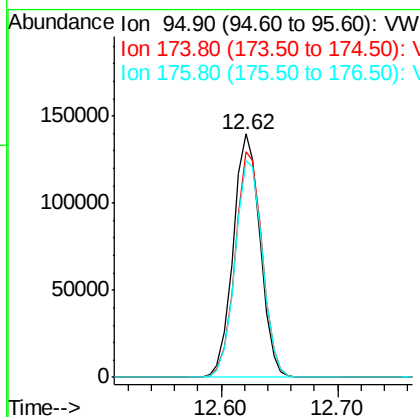
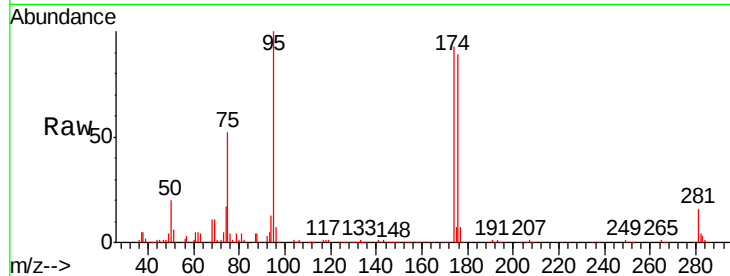




#62
4-Bromofluorobenzene
Concen: 34.34 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005915.D
Acq: 09 Oct 2018 01:54

Instrument :
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Tgt Ion: 95 Resp: 224888
Ion Ratio Lower Upper
95 100
174 93.0 0.0 176.4
176 90.3 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005915.D
Acq: 09 Oct 2018 01:54

Tgt Ion: 117 Resp: 645313
Ion Ratio Lower Upper
117 100
82 53.1 43.5 65.3
119 32.6 25.4 38.2

