

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
 Data File : VW005917.D
 Acq On : 09 Oct 2018 02:45
 Operator : SY/AP
 Sample : J5306-01
 Misc : 6.46G/5ML/MSVOA_W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S-10-V

Quant Time: Oct 09 08:06:27 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	205524	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	301528	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	262811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	130044	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	62109	31.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.26%	
35) Dibromofluoromethane	7.88	113	61576	31.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.98%	
50) Toluene-d8	10.33	98	206026	27.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	55.64%	
62) 4-Bromofluorobenzene	12.62	95	77955	27.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	55.32%	

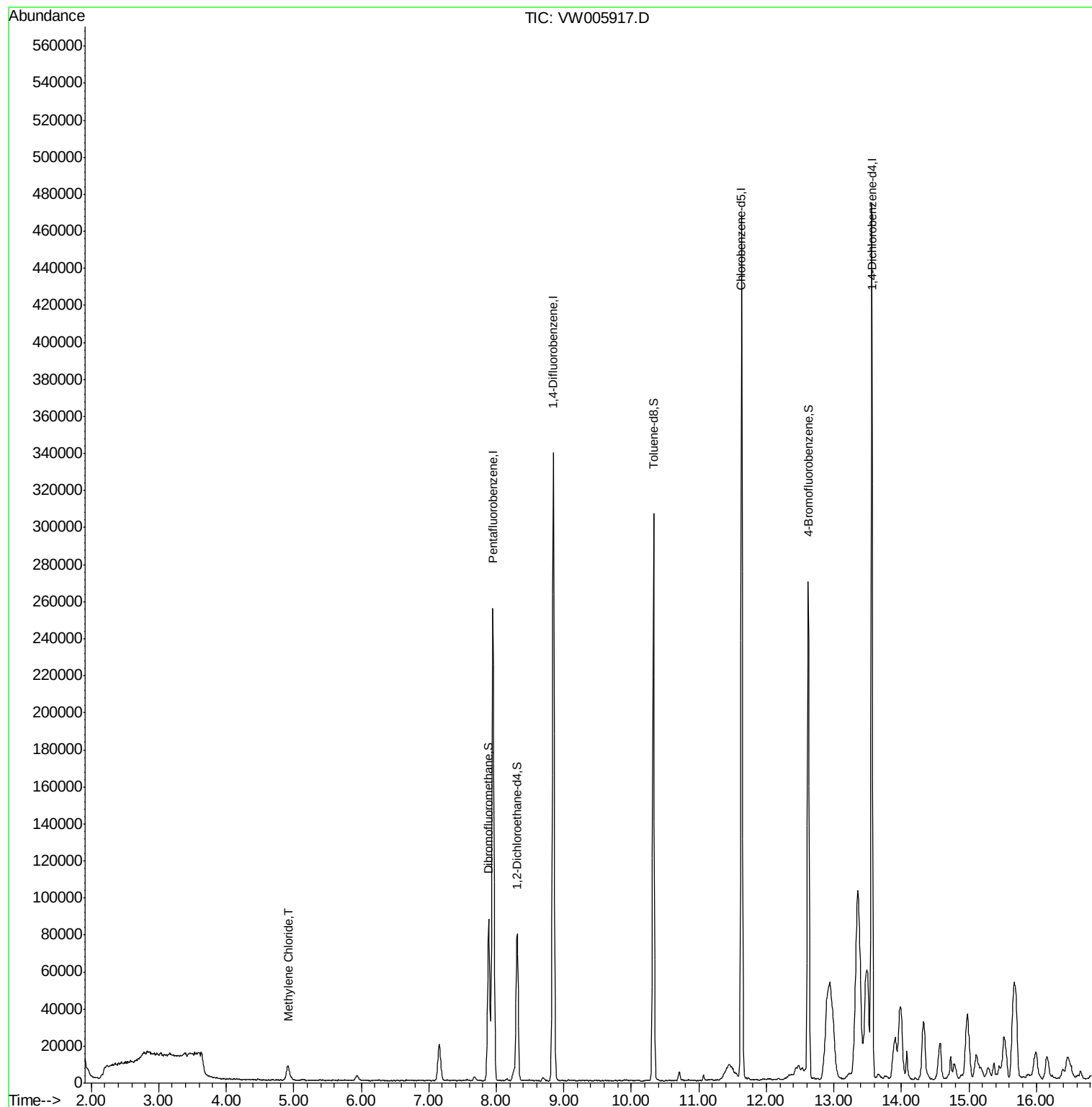
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.92	84	6401	3.21	ug/l	92

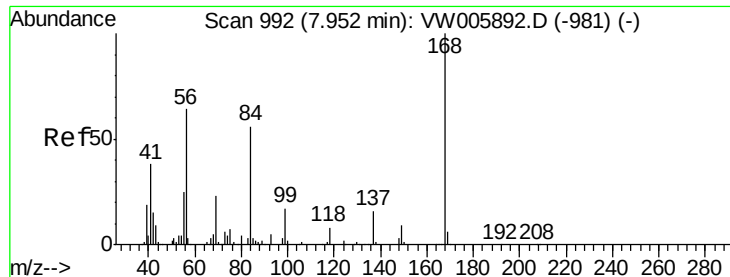
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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

Lab File: VW005917.D

Acq: 09 Oct 2018 02:45

Instrument :

MSVOA_W

ClientSampleId :

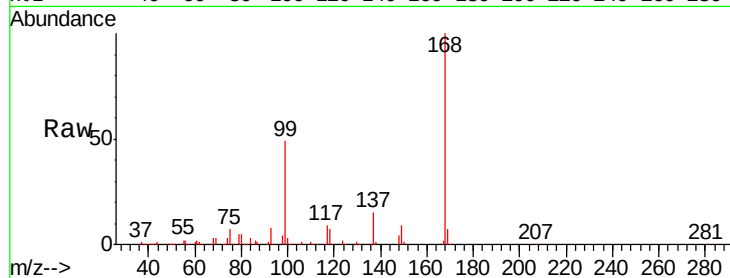
S-10-V

Tgt Ion:168 Resp: 205524

Ion Ratio Lower Upper

168 100

99 49.0 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

100000

80000

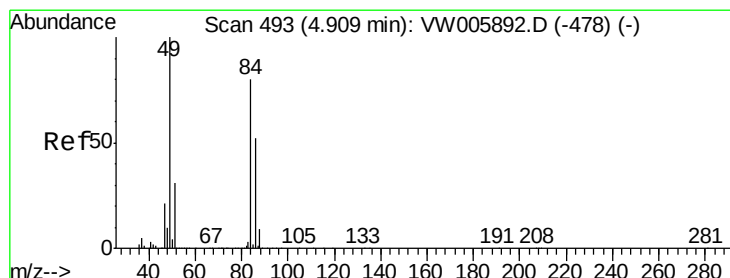
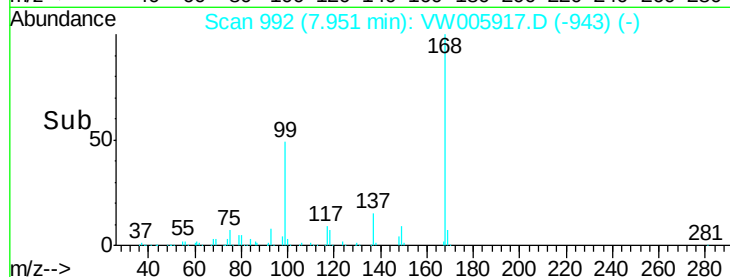
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 3.21 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW005917.D

Acq: 09 Oct 2018 02:45

Tgt Ion: 84 Resp: 6401

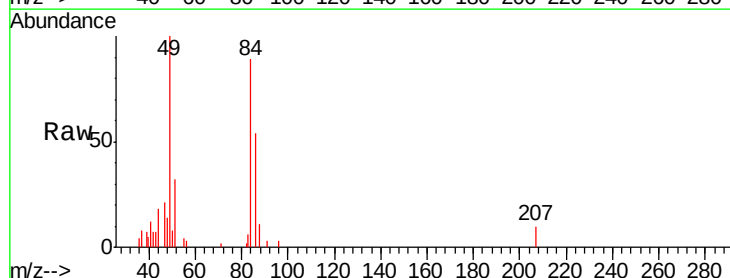
Ion Ratio Lower Upper

84 100

49 112.9 99.9 149.9

51 35.6 31.1 46.7

86 61.5 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

4.92

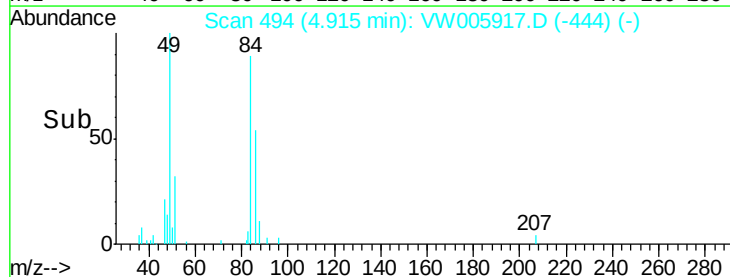
3000

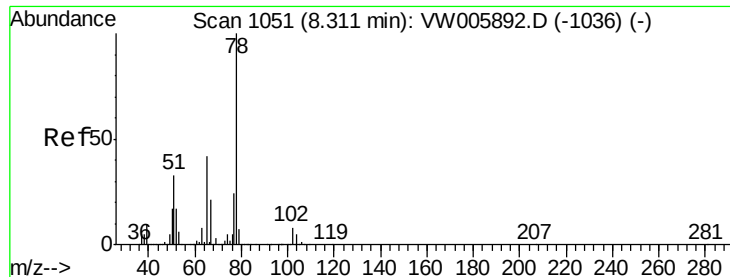
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 31.13 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005917.D

Acq: 09 Oct 2018 02:45

Instrument :

MSVOA_W

ClientSampleId :

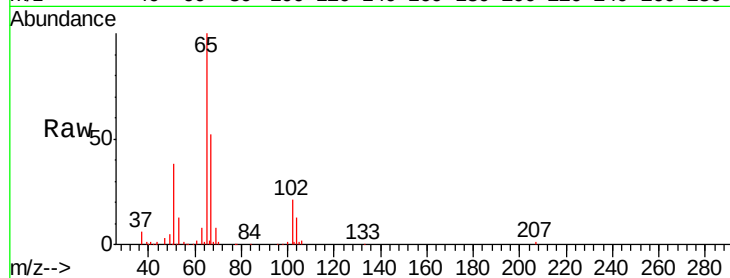
S-10-V

Tgt Ion: 65 Resp: 62109

Ion Ratio Lower Upper

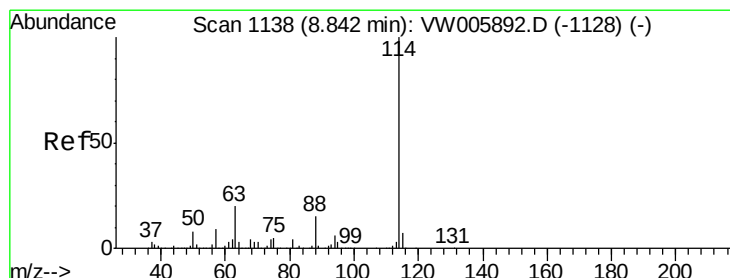
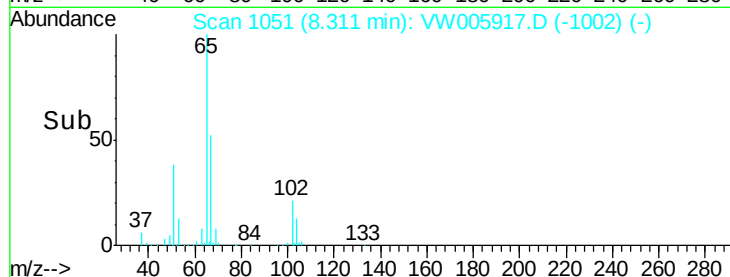
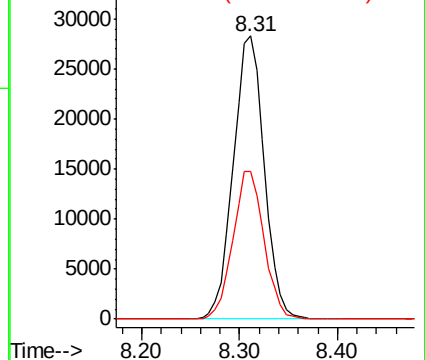
65 100

67 52.7 0.0 104.6



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# 1139

Delta R.T. 0.01 min

Lab File: VW005917.D

Acq: 09 Oct 2018 02:45

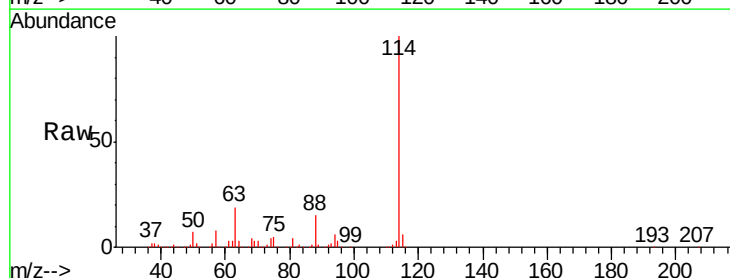
Tgt Ion: 114 Resp: 301528

Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.2

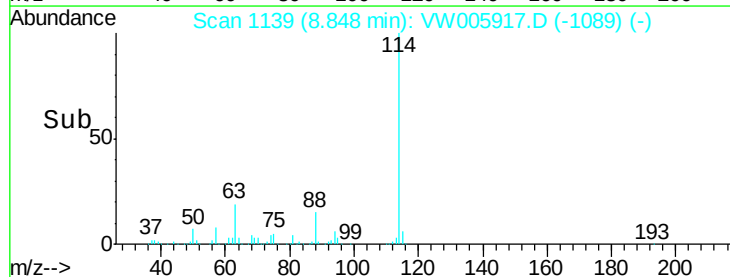
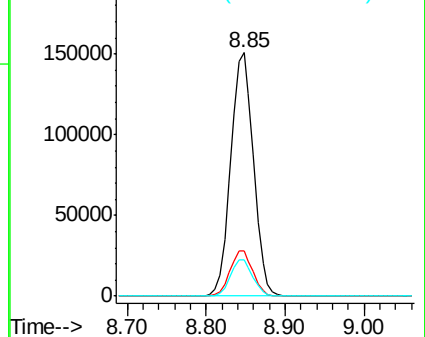
88 15.0 0.0 30.8

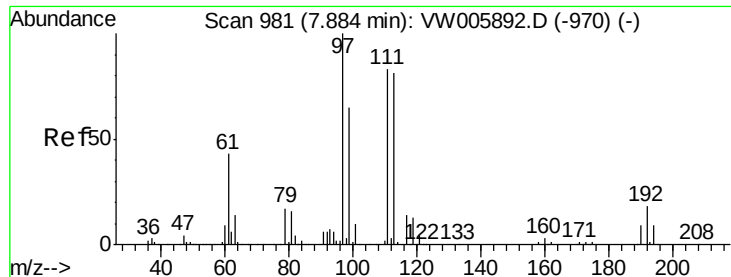


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 31.99 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW005917.D

Acq: 09 Oct 2018 02:45

Instrument :
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ClientSampleId :
S-10-V

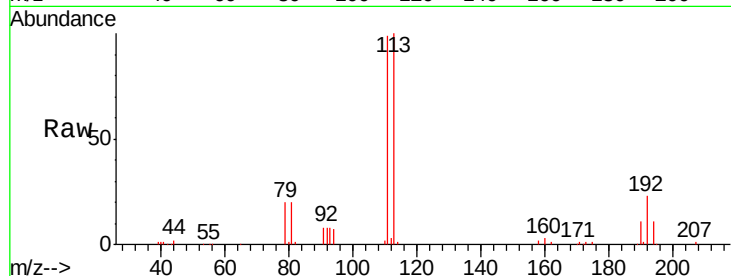
Tgt Ion: 113 Resp: 61576

Ion Ratio Lower Upper

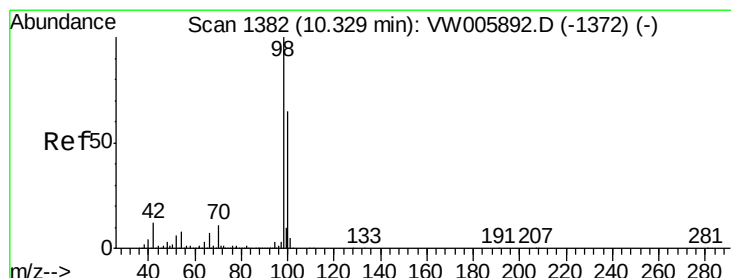
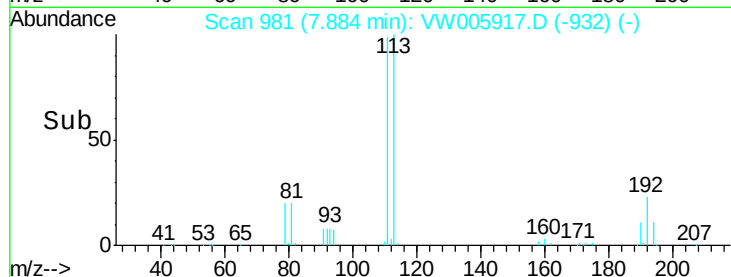
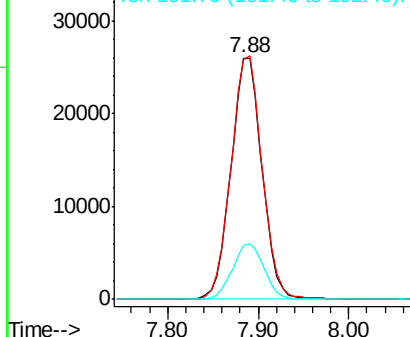
113 100

111 101.4 82.0 123.0

192 23.4 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: 27.82 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005917.D

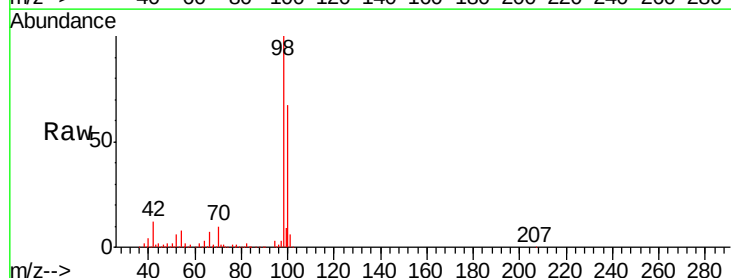
Acq: 09 Oct 2018 02:45

Tgt Ion: 98 Resp: 206026

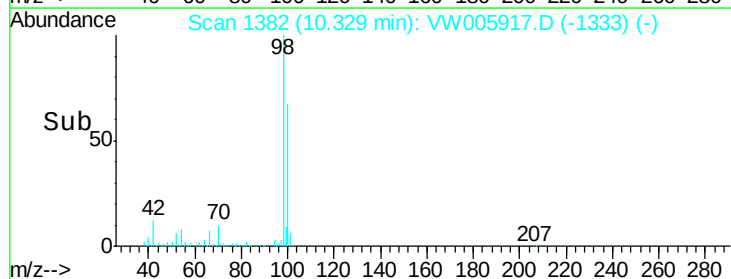
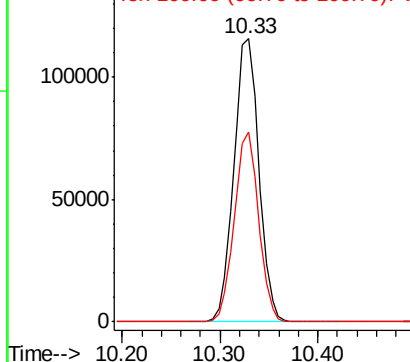
Ion Ratio Lower Upper

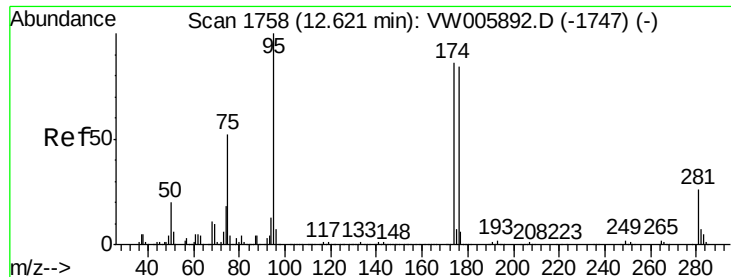
98 100

100 65.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 27.66 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005917.D

Acq: 09 Oct 2018 02:45

Instrument :

MSVOA_W

ClientSampleId :

S-10-V

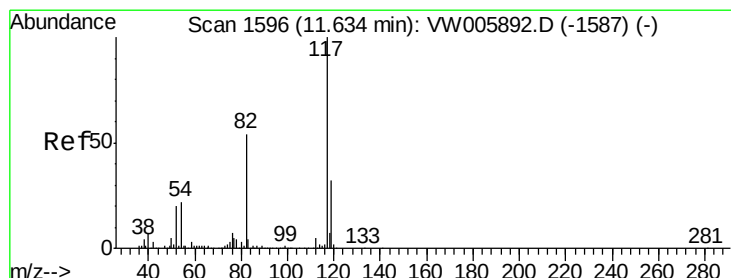
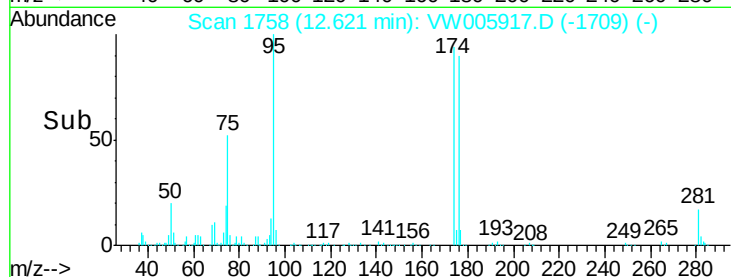
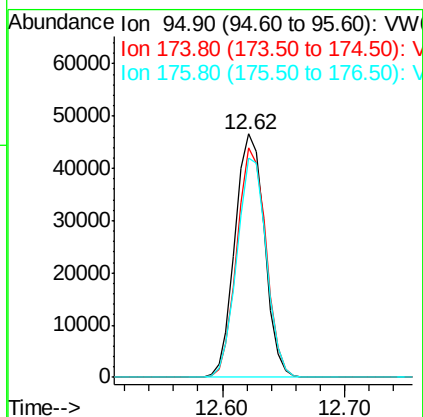
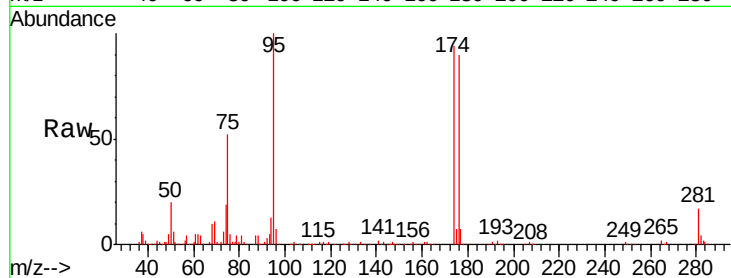
Tgt Ion: 95 Resp: 77955

Ion Ratio Lower Upper

95 100

174 92.8 0.0 176.4

176 89.5 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: VW005917.D

Acq: 09 Oct 2018 02:45

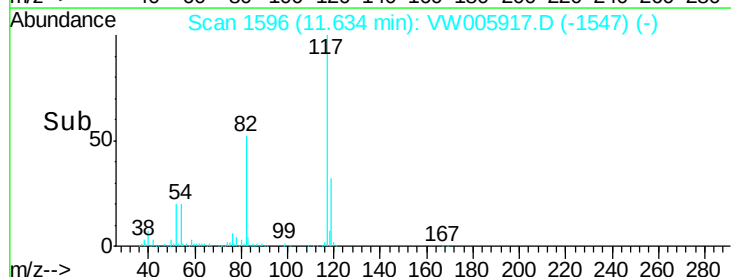
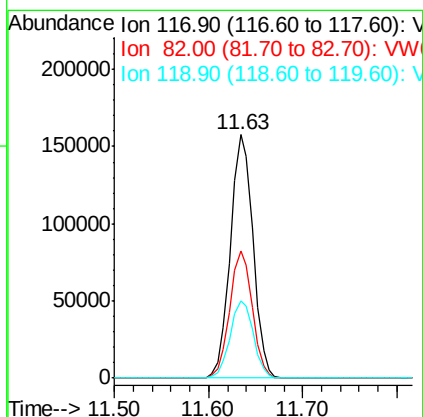
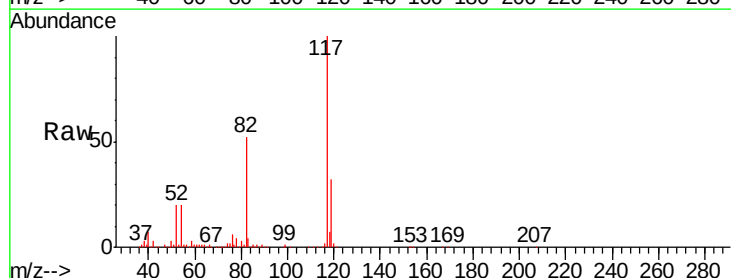
Tgt Ion: 117 Resp: 262811

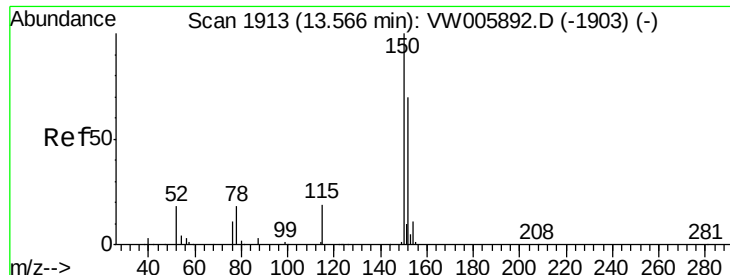
Ion Ratio Lower Upper

117 100

82 52.4 43.5 65.3

119 31.9 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005917.D

Acq: 09 Oct 2018 02:45

Instrument :

MSVOA_W

ClientSampleId :

S-10-V

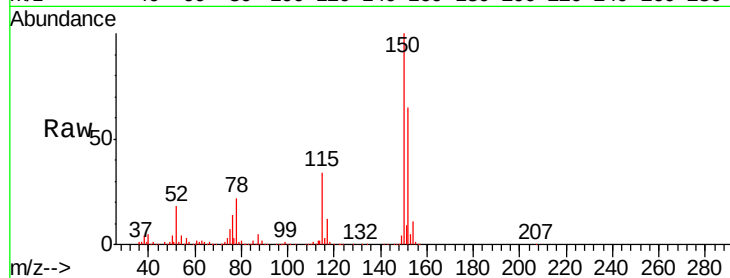
Tgt Ion:152 Resp: 130044

Ion Ratio Lower Upper

152 100

115 54.9 28.3 85.0

150 155.6 0.0 349.2



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

