

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
 Data File : VW005895.D
 Acq On : 08 Oct 2018 14:58
 Operator : SY/AP
 Sample : VW1008SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBL01

Quant Time: Oct 09 07:00:39 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	319839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	462186	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	422377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	224515	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	143565	46.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.48%	
35) Dibromofluoromethane	7.88	113	144936	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
50) Toluene-d8	10.32	98	570397	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
62) 4-Bromofluorobenzene	12.62	95	206926	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.82%	

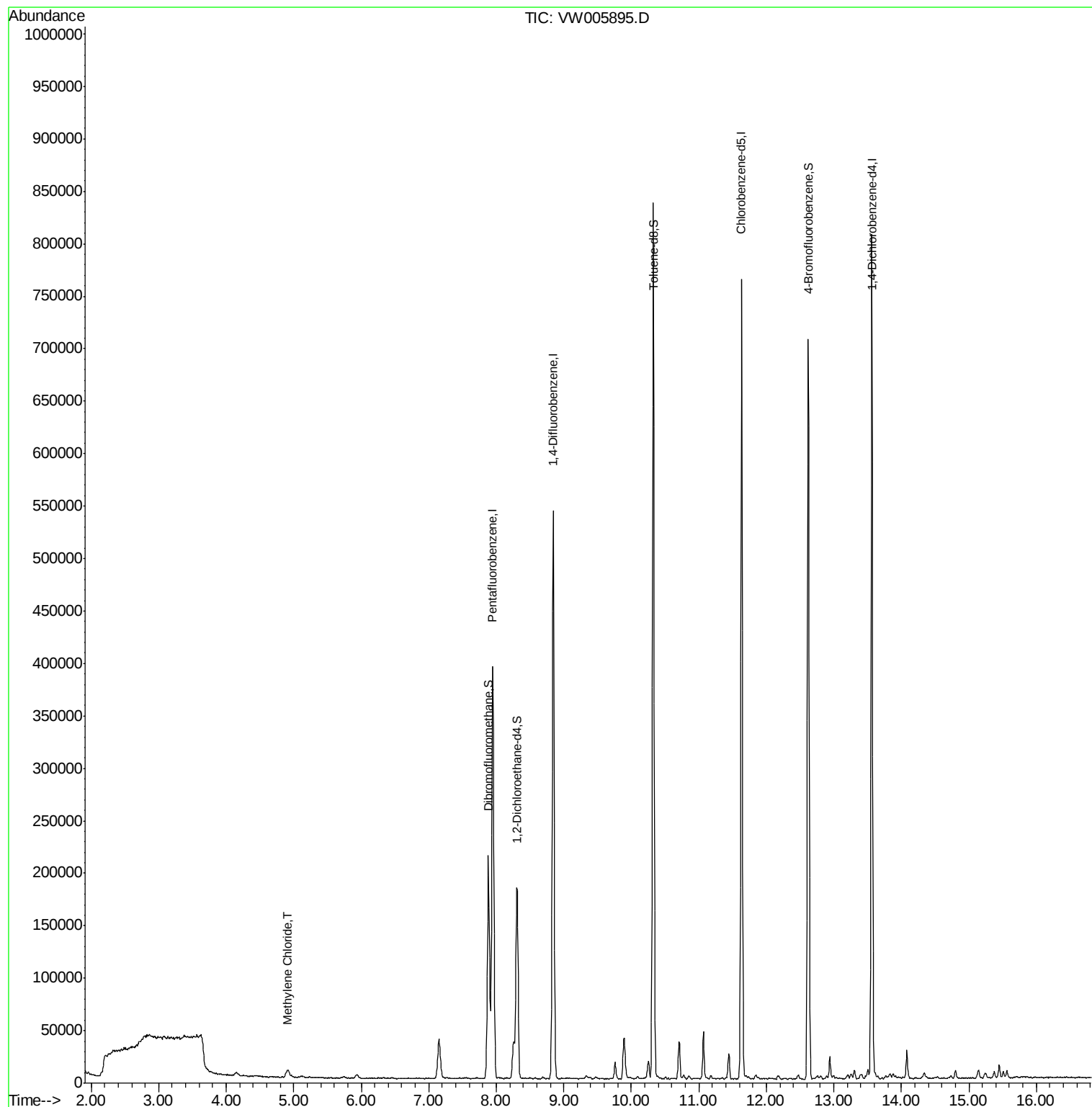
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.91	84	6224	2.00	ug/l	92

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

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QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

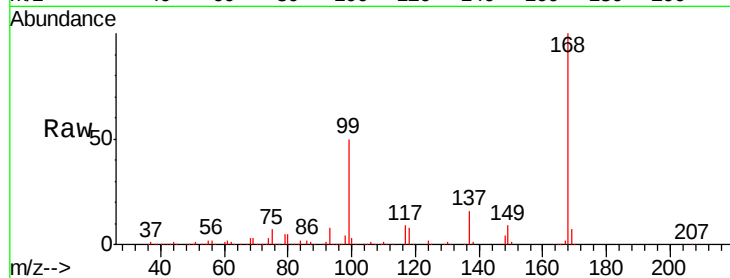
VW1008SBL01

Tgt Ion:168 Resp: 319839

Ion Ratio Lower Upper

168 100

99 49.5 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

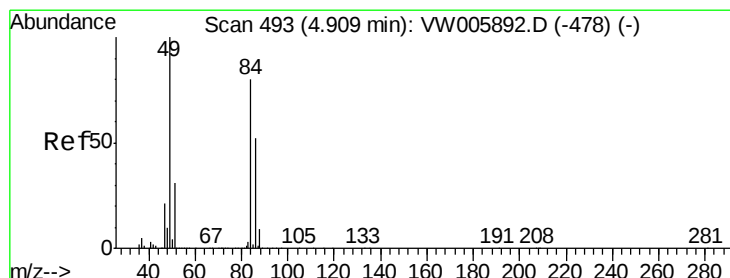
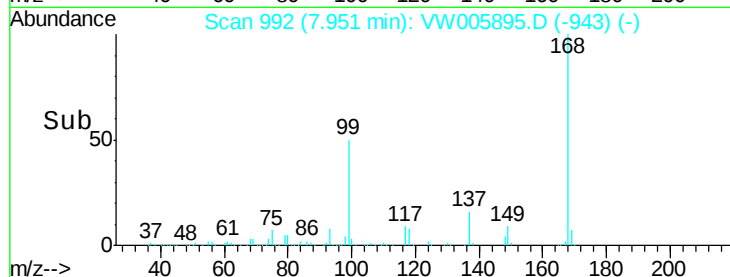
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 2.00 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.00 min

Lab File: VW005895.D

Acq: 08 Oct 2018 14:58

Tgt Ion: 84 Resp: 6224

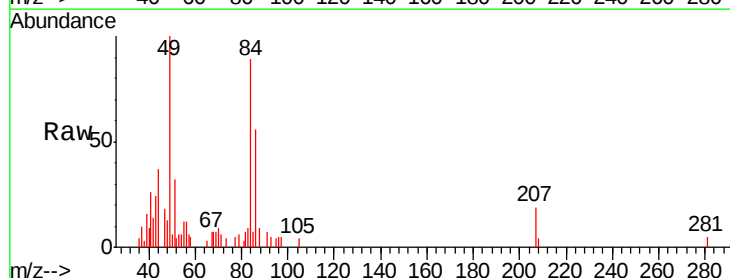
Ion Ratio Lower Upper

84 100

49 113.0 99.9 149.9

51 31.1 31.1 46.7

86 63.6 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

4.91

3000

2500

2000

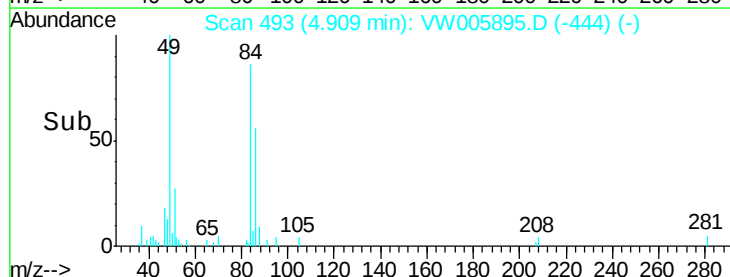
1500

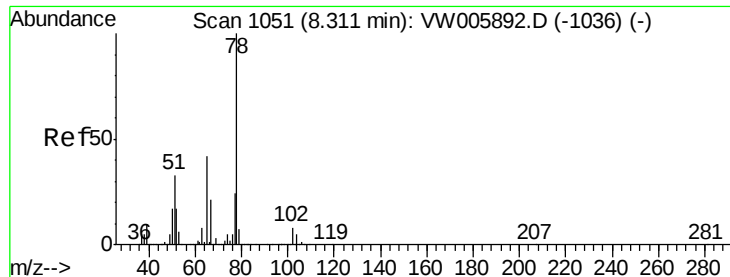
1000

500

0

Time--> 4.80 4.90 5.00

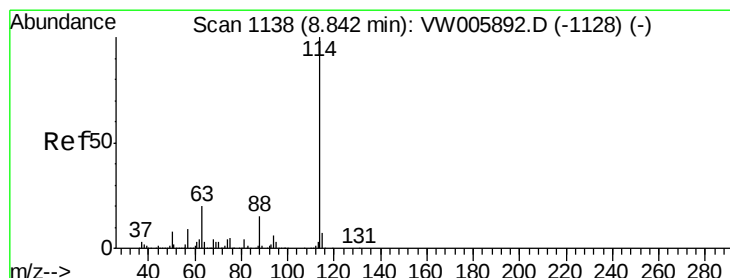
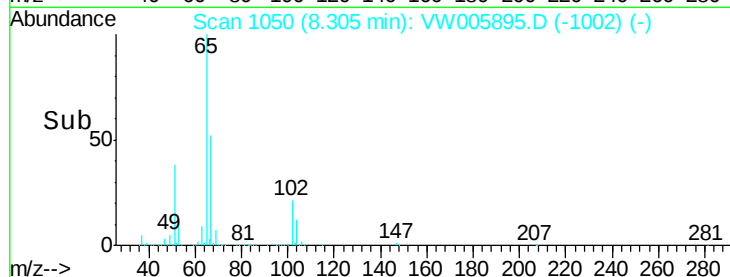
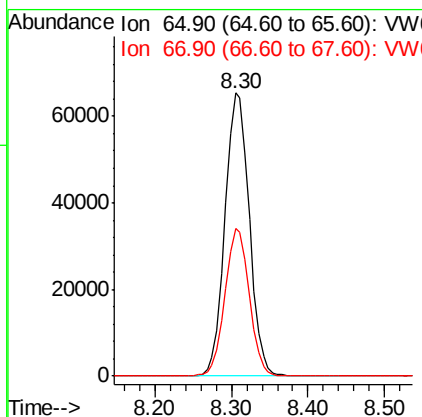
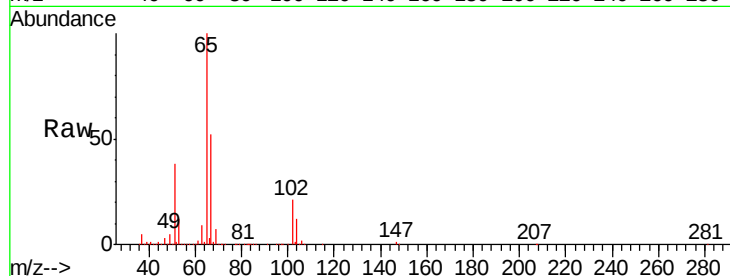




#33
 1,2-Dichloroethane-d4
 Concen: 46.24 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW005895.D
 Acq: 08 Oct 2018 14:58

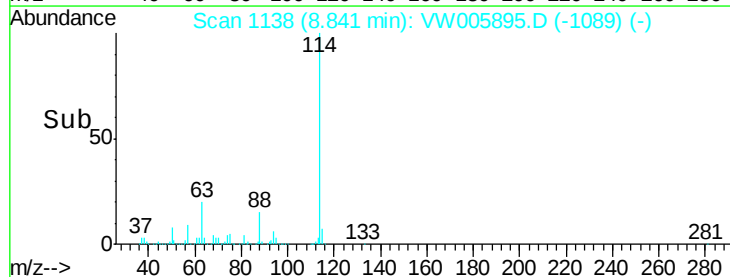
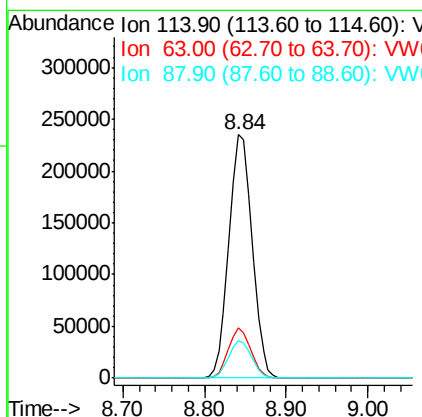
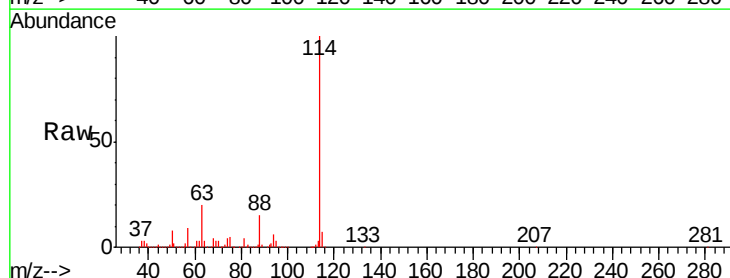
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBL01

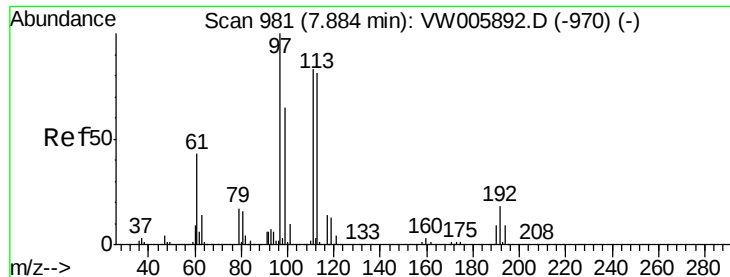
Tgt Ion: 65 Resp: 143565
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW005895.D
 Acq: 08 Oct 2018 14:58

Tgt Ion: 114 Resp: 462186
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.2
 88 15.3 0.0 30.8





#35

Dibromofluoromethane

Concen: 49.12 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW005895.D

Acq: 08 Oct 2018 14:58

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBL01

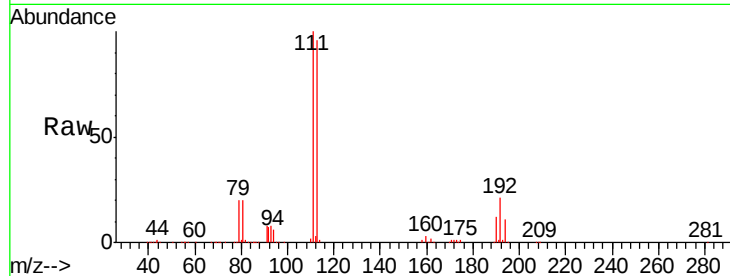
Tgt Ion:113 Resp: 144936

Ion Ratio Lower Upper

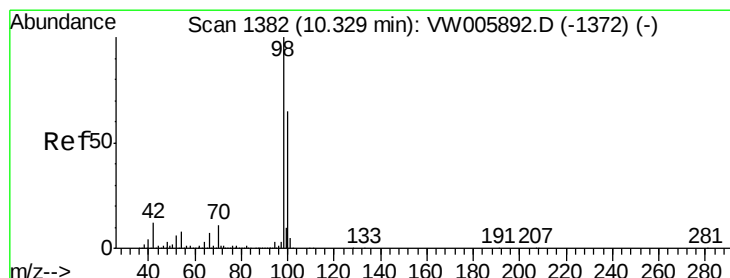
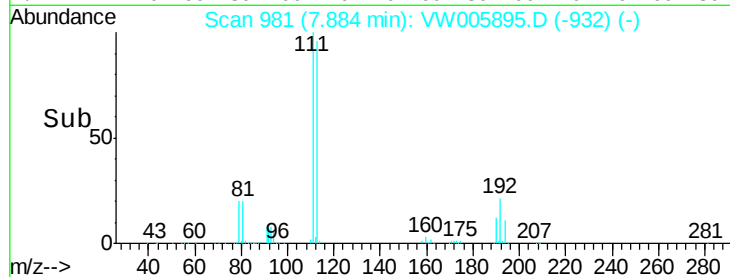
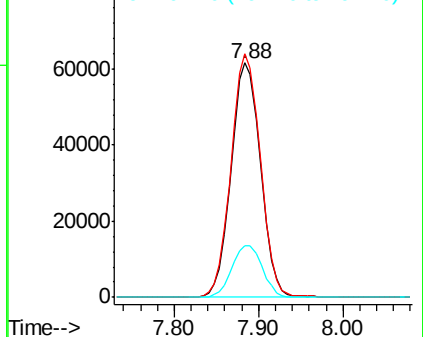
113 100

111 103.9 82.0 123.0

192 23.0 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: 50.24 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW005895.D

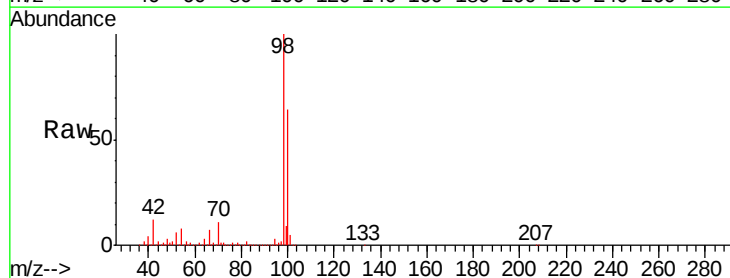
Acq: 08 Oct 2018 14:58

Tgt Ion: 98 Resp: 570397

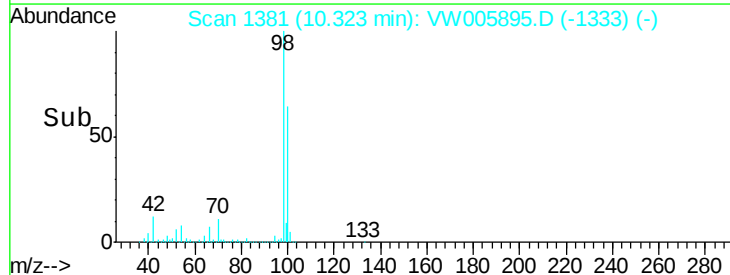
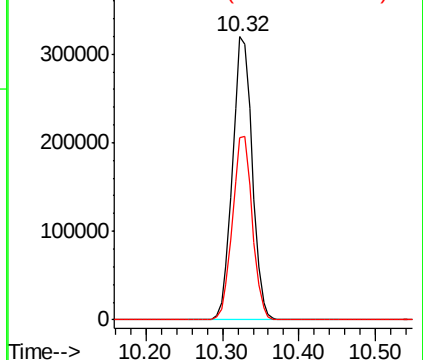
Ion Ratio Lower Upper

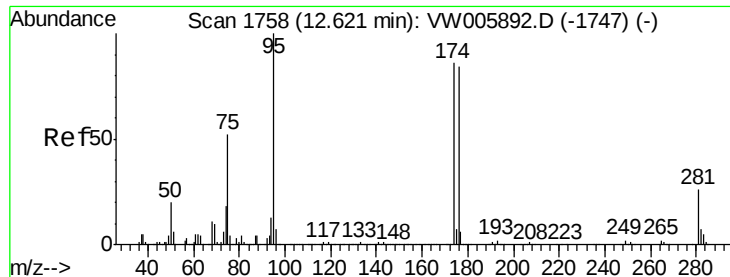
98 100

100 64.9 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: 47.91 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005895.D

Acq: 08 Oct 2018 14:58

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBL01

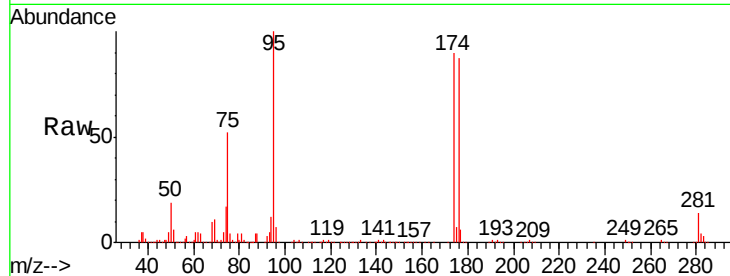
Tgt Ion: 95 Resp: 206926

Ion Ratio Lower Upper

95 100

174 91.7 0.0 176.4

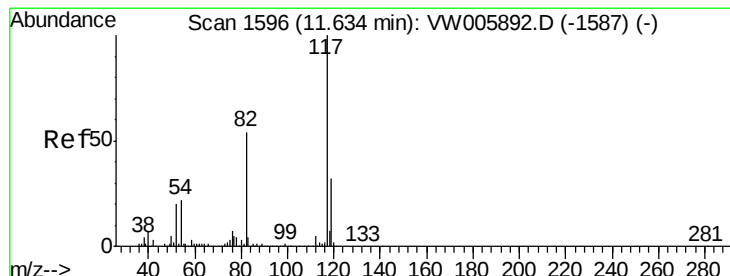
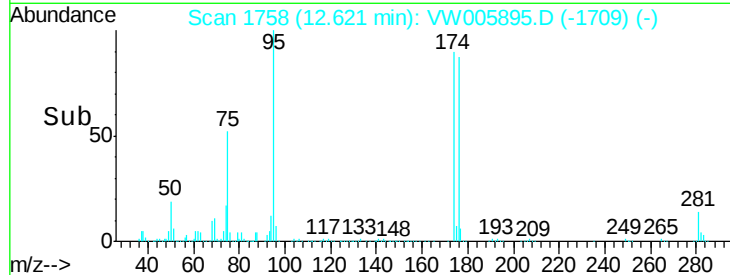
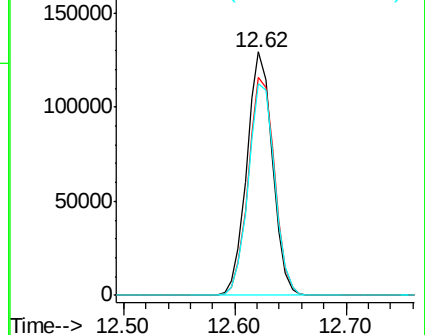
176 89.1 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW005895.D

Acq: 08 Oct 2018 14:58

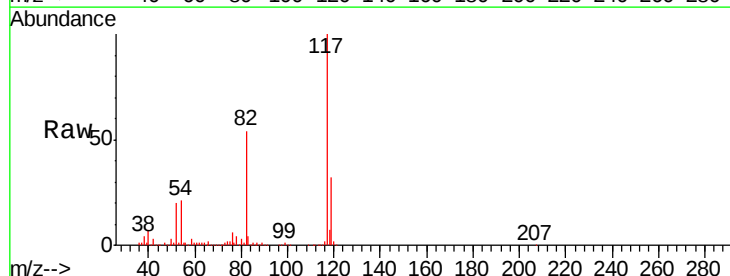
Tgt Ion: 117 Resp: 422377

Ion Ratio Lower Upper

117 100

82 54.1 43.5 65.3

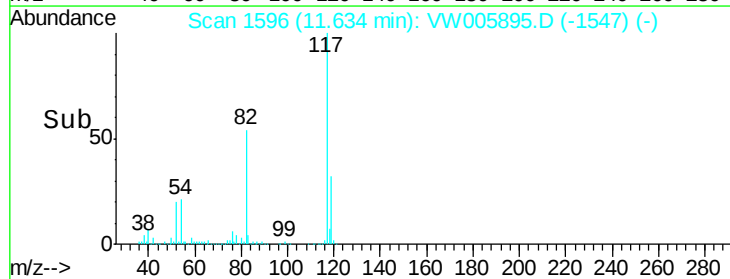
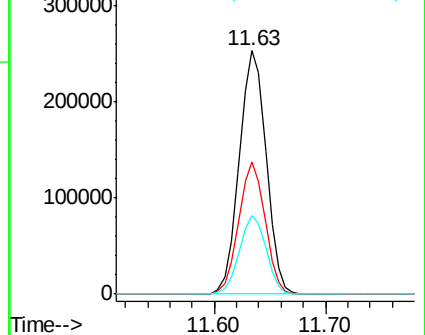
119 32.5 25.4 38.2

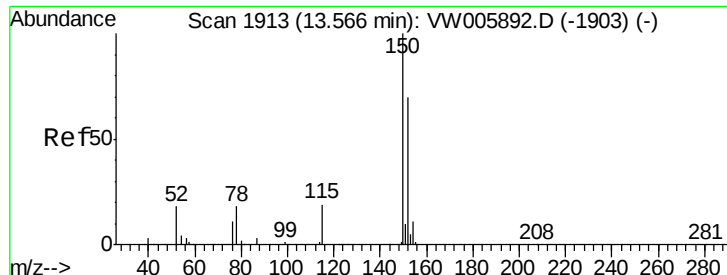


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005895.D

Acq: 08 Oct 2018 14:58

Instrument :

MSVOA_W

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VW1008SBL01

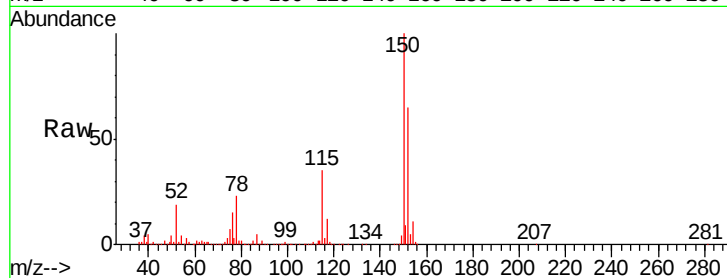
Tgt Ion:152 Resp: 224515

Ion Ratio Lower Upper

152 100

115 55.0 28.3 85.0

150 154.0 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

