

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003836.D
 Acq On : 10 Jul 2018 19:59
 Operator : SY/AP
 Sample : J3880-08RE
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-14RE

Quant Time: Jul 11 05:31:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	146711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	245508	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	201303	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	65237	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	71423	37.23	ug/l	0.00
Spiked Amount			Recovery	=	74.46%	
35) Dibromofluoromethane	7.88	113	61733	35.93	ug/l	0.00
Spiked Amount			Recovery	=	71.86%	
50) Toluene-d8	10.33	98	175091	26.64	ug/l	0.00
Spiked Amount			Recovery	=	53.28%	
62) 4-Bromofluorobenzene	12.62	95	47189	19.84	ug/l	0.00
Spiked Amount			Recovery	=	39.68%	

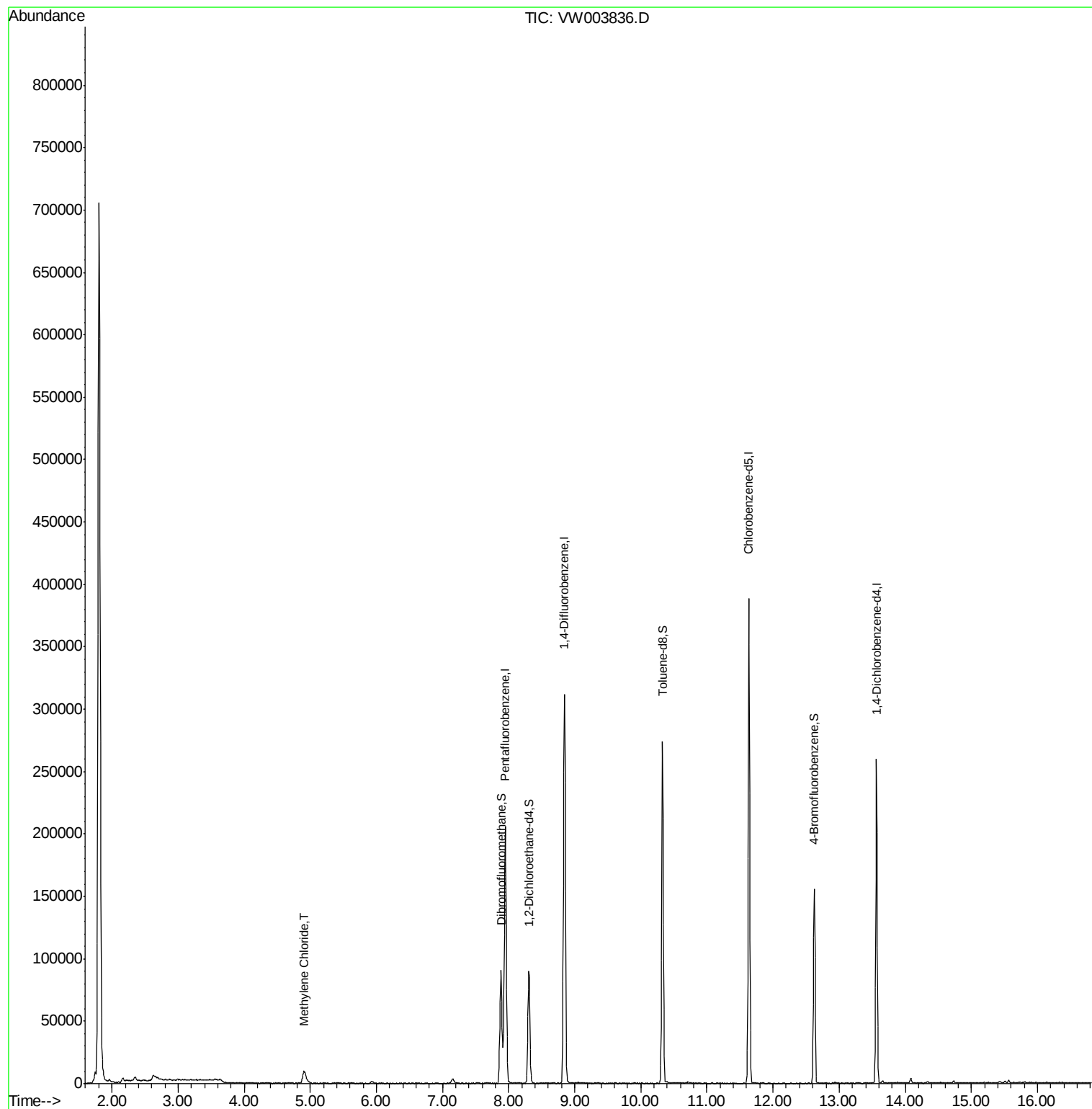
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.90	84	8924	1.22	ug/l	95

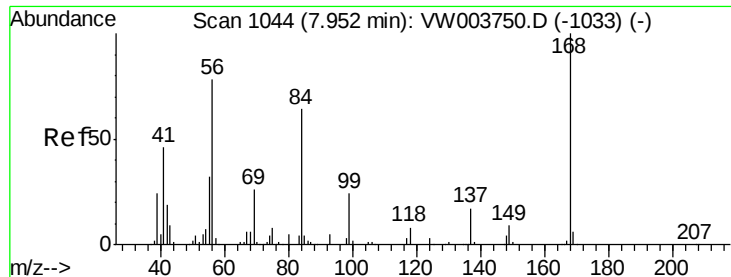
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:07:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003836.D

Acq: 10 Jul 2018 19:59

Instrument :

MSVOA_W

ClientSampleId :

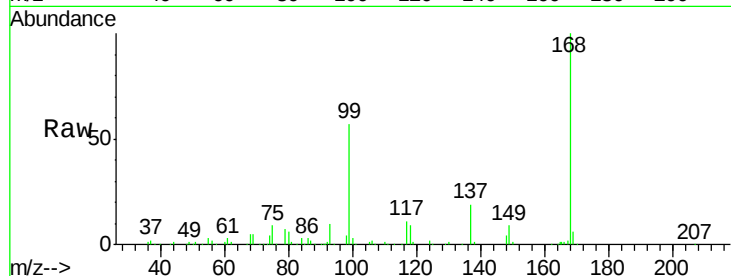
SURCHARGE-SP-14RE

Tot Ion:168 Resp: 146711

Ion Ratio Lower Upper

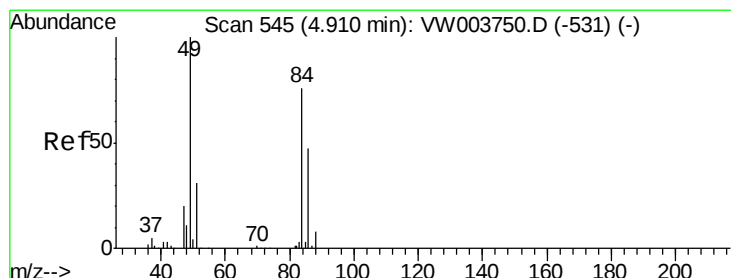
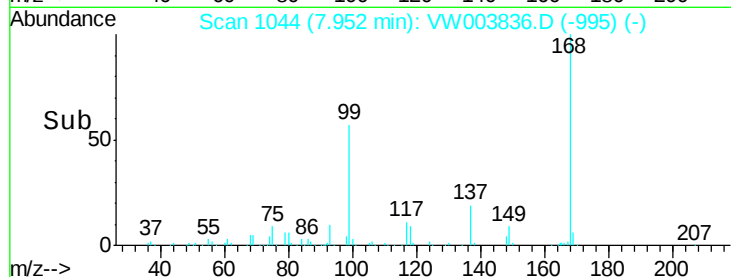
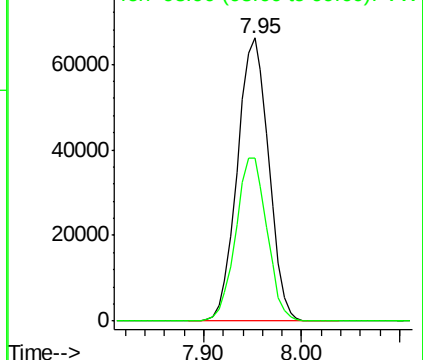
168 100

99 57.4 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 1.22 ug/l

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW003836.D

Acq: 10 Jul 2018 19:59

Tgt Ion: 84 Resp: 8924

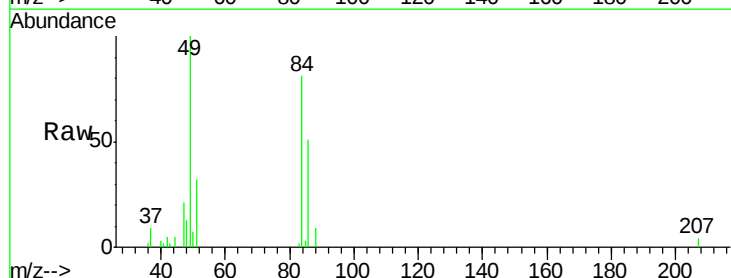
Ion Ratio Lower Upper

84 100

49 123.5 105.1 157.7

51 39.1 32.5 48.7

86 63.2 49.8 74.6

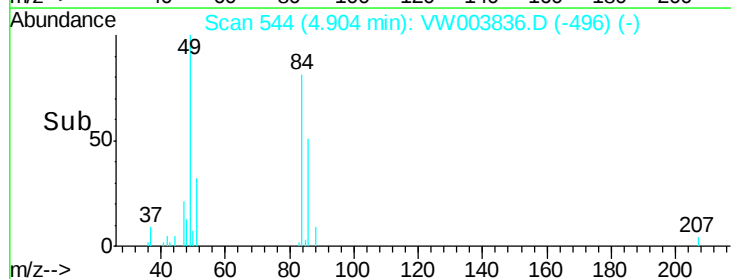
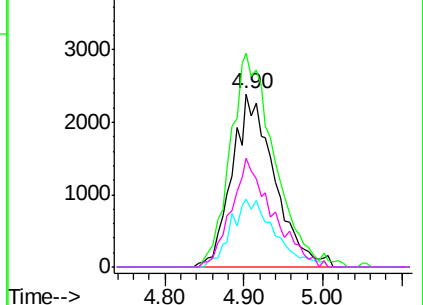


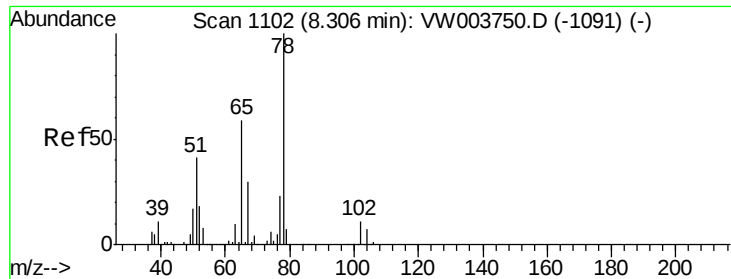
Abundance Ion 83.90 (83.60 to 84.60): VW

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





#33

1,2-Dichloroethane-d4

Concen: 37.23 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW003836.D

Acq: 10 Jul 2018 19:59

Instrument :

MSVOA_W

ClientSampleId :

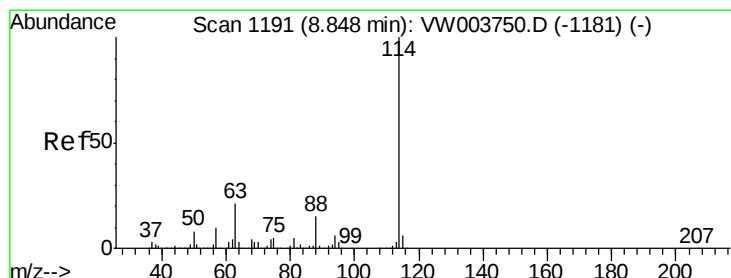
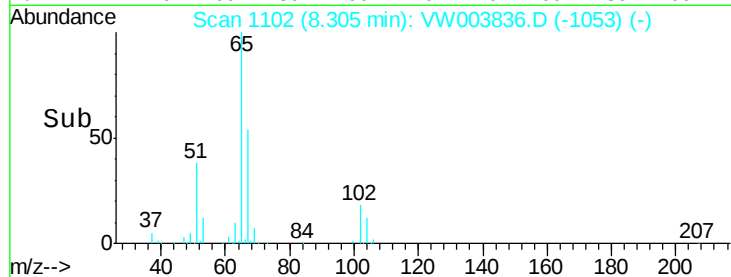
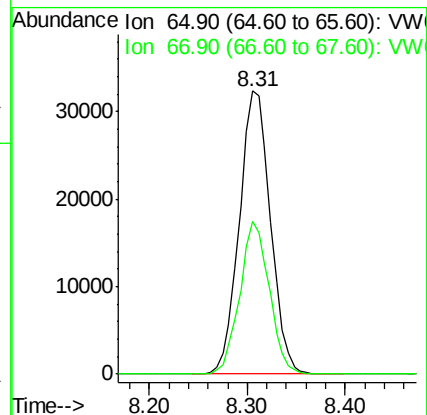
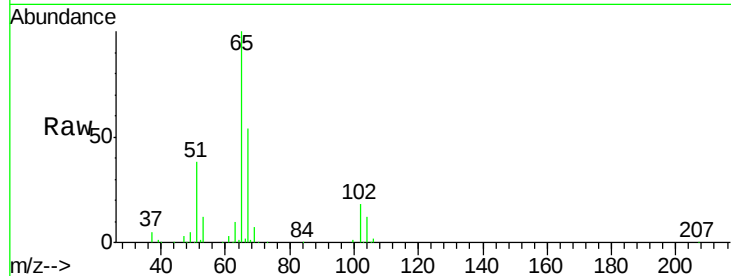
SURCHARGE-SP-14RE

Tot Ion: 65 Resp: 71423

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW003836.D

Acq: 10 Jul 2018 19:59

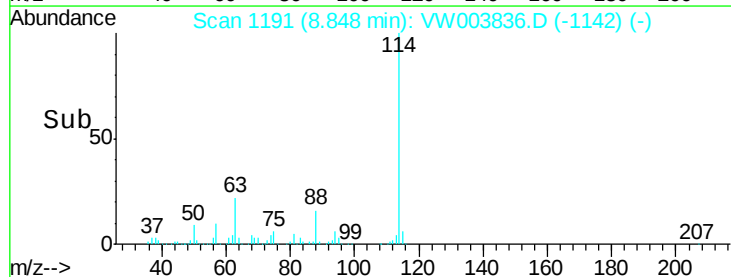
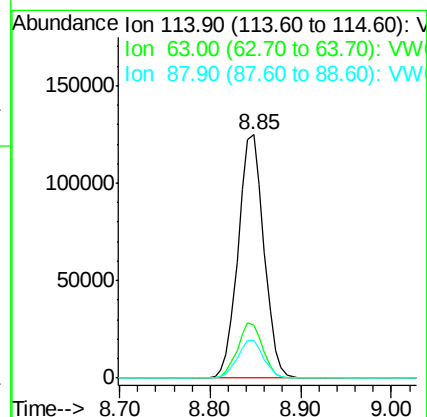
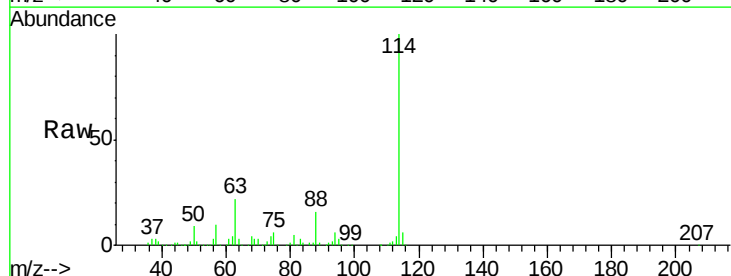
Tgt Ion: 114 Resp: 245508

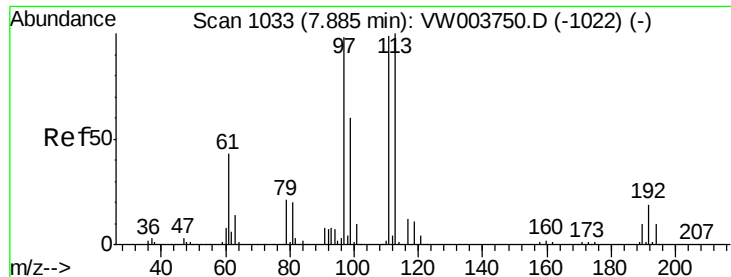
Ion Ratio Lower Upper

114 100

63 21.9 0.0 41.8

88 15.5 0.0 30.2





#35

Dibromofluoromethane

Concen: 35.93 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW003836.D

Acq: 10 Jul 2018 19:59

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-14RE

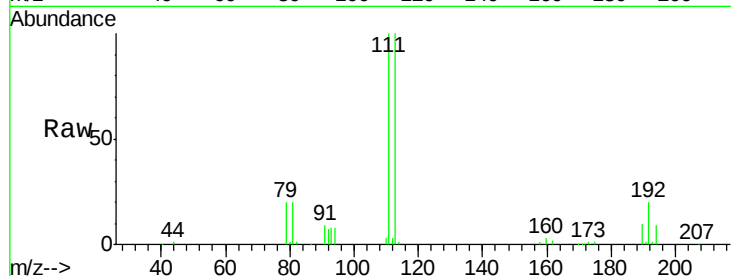
Tot Ion:113 Resp: 61733

Ion Ratio Lower Upper

113 100

111 102.1 81.7 122.5

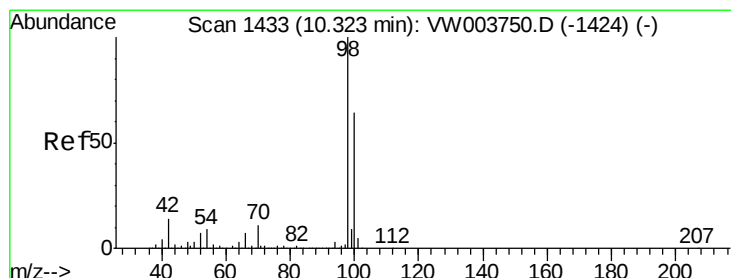
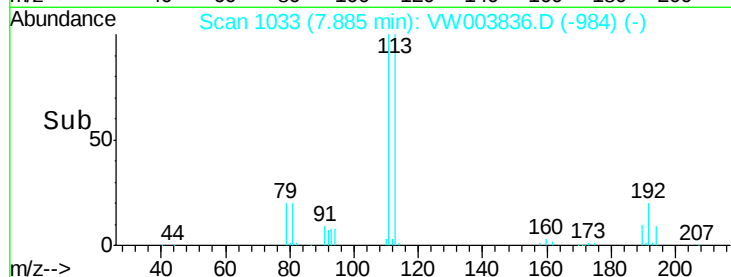
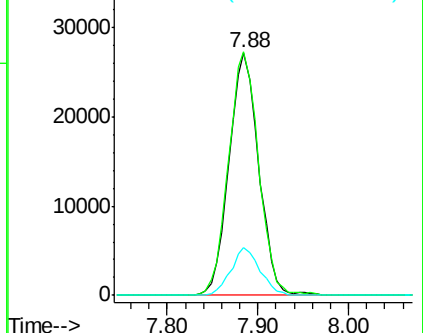
192 19.2 15.8 23.8



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: 26.64 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003836.D

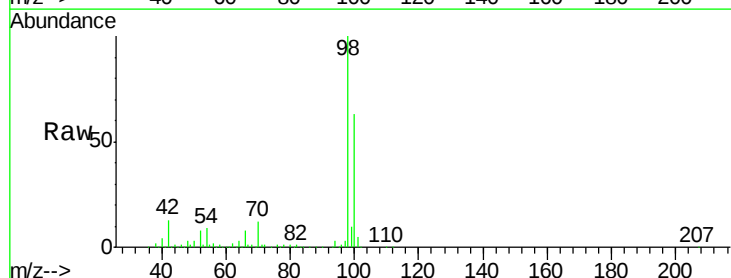
Acq: 10 Jul 2018 19:59

Tgt Ion: 98 Resp: 175091

Ion Ratio Lower Upper

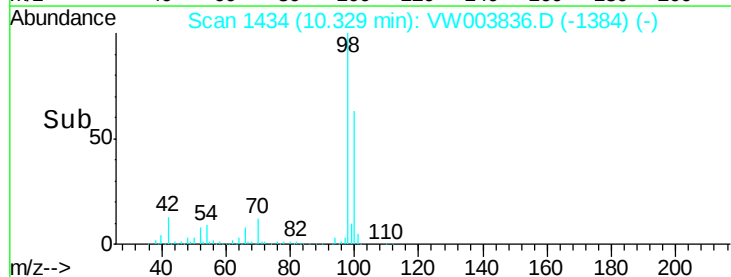
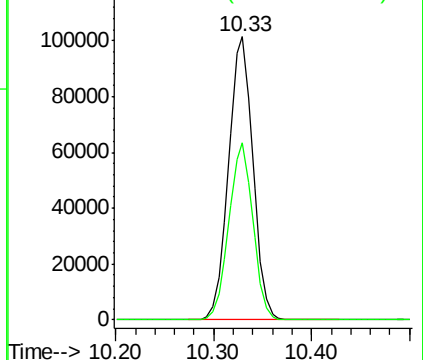
98 100

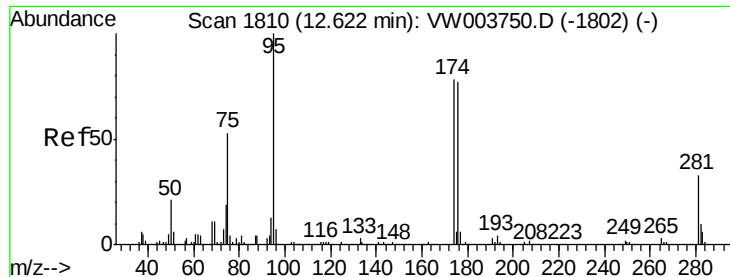
100 61.6 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 19.84 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003836.D

Acq: 10 Jul 2018 19:59

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-14RE

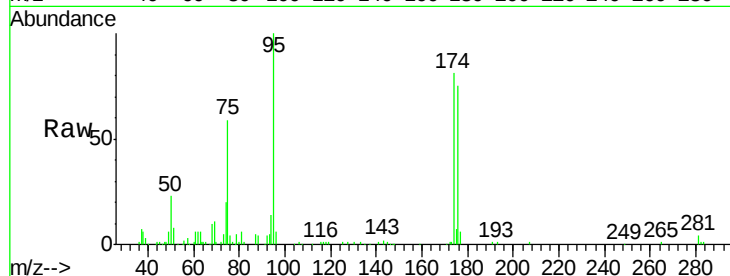
Tot Ion: 95 Resp: 47189

Ion Ratio Lower Upper

95 100

174 82.9 0.0 163.4

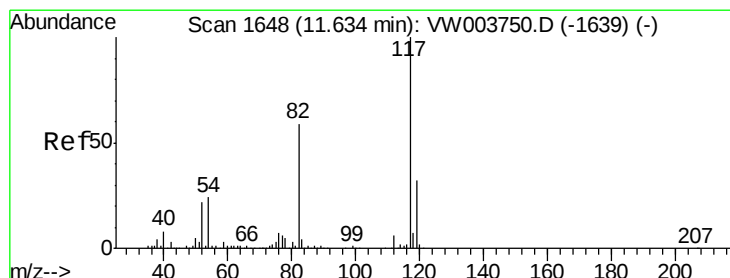
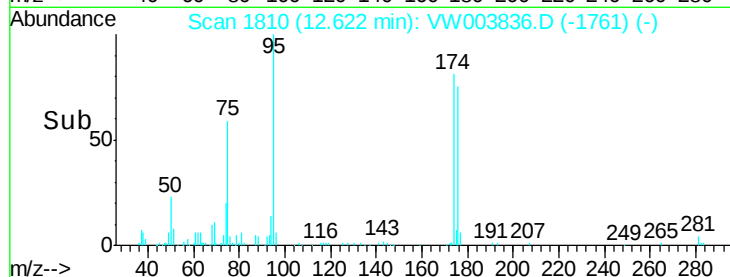
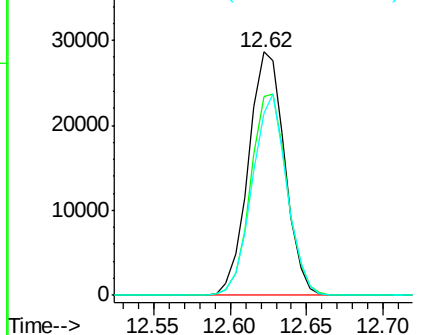
176 79.1 0.0 156.8



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# 1648

Delta R.T. -0.00 min

Lab File: VW003836.D

Acq: 10 Jul 2018 19:59

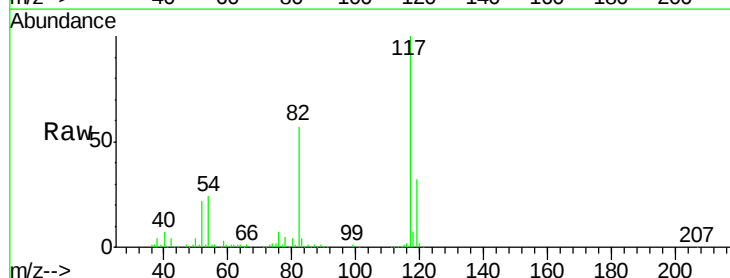
Tgt Ion: 117 Resp: 201303

Ion Ratio Lower Upper

117 100

82 57.4 46.9 70.3

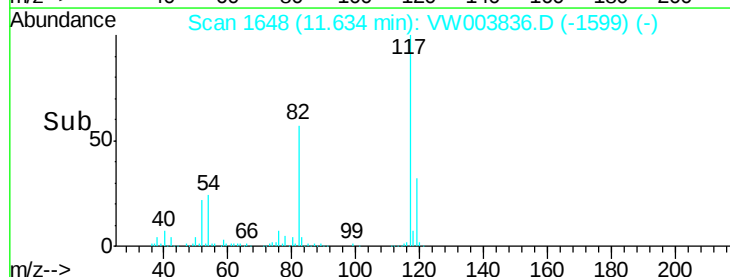
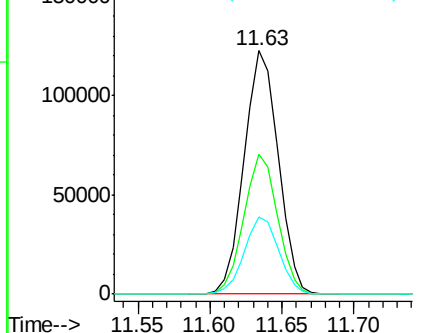
119 31.5 25.5 38.3

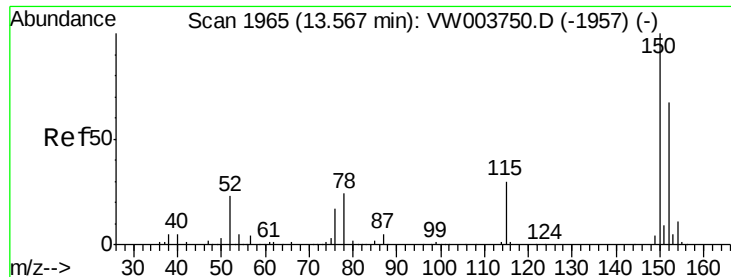


Abundance Ion 116.90 (116.60 to 117.60): VW

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# 1965

Delta R.T. -0.00 min

Lab File: VW003836.D

Acq: 10 Jul 2018 19:59

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-14RE

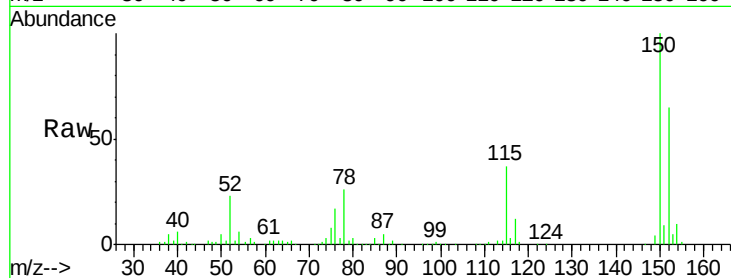
Tot Ion:152 Resp: 65237

Ion Ratio Lower Upper

152 100

115 57.7 28.9 86.8

150 155.9 0.0 342.4



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

