

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071118\
 Data File : VW003880.D
 Acq On : 11 Jul 2018 22:42
 Operator : SY/AP
 Sample : J3881-10RE
 Misc : 5.26G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-25RE

Quant Time: Jul 12 02:48:06 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

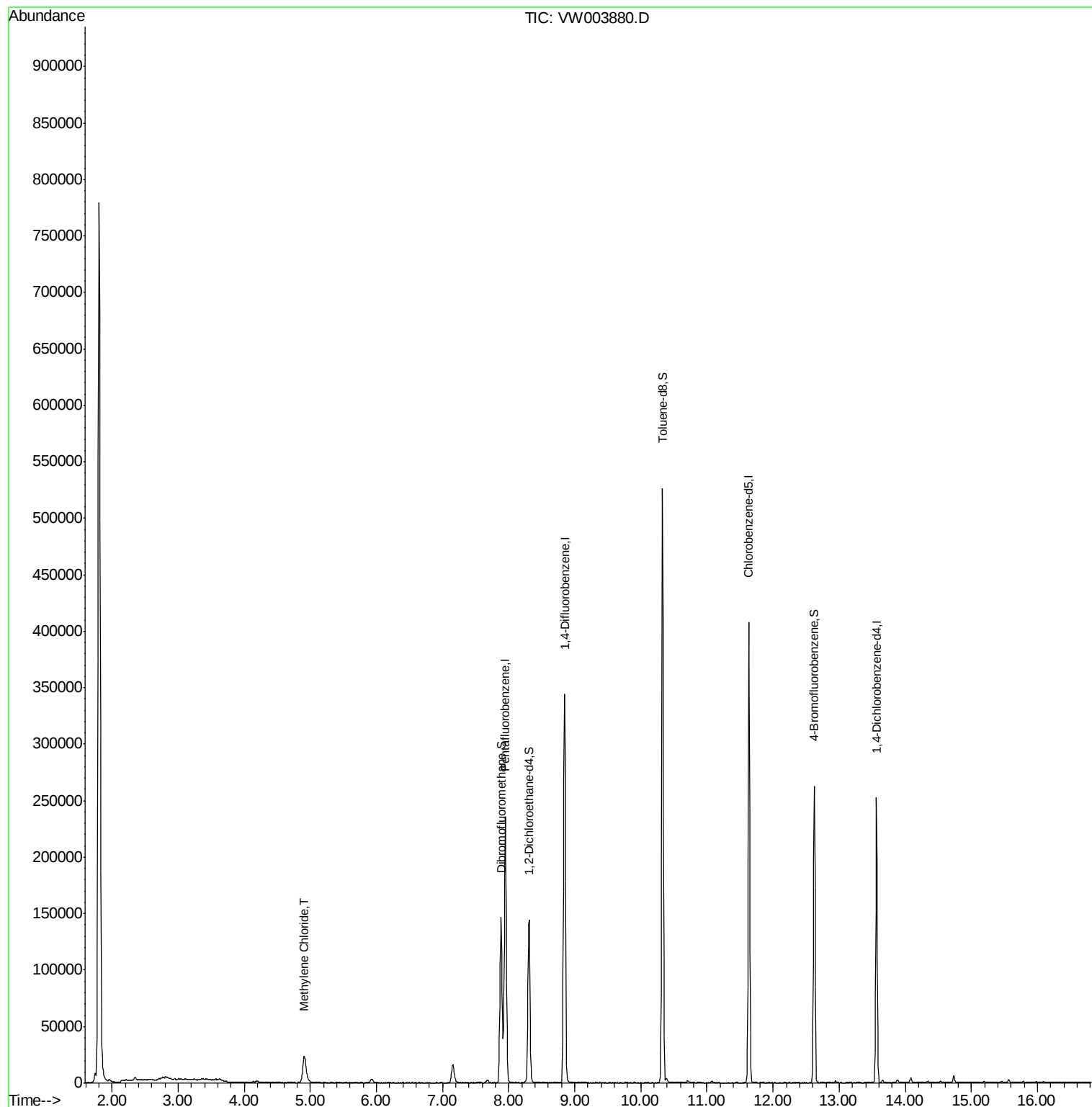
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	164474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	276079	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	213550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	61653	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	118123	54.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.84%	
35) Dibromofluoromethane	7.88	113	101730	52.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.30%	
50) Toluene-d8	10.33	98	336723	45.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.12%	
62) 4-Bromofluorobenzene	12.62	95	80332	30.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.08%	
Target Compounds						
20) Methylene Chloride	4.90	84	20465	7.529	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003880.D

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MSVOA_W

ClientSampleId :

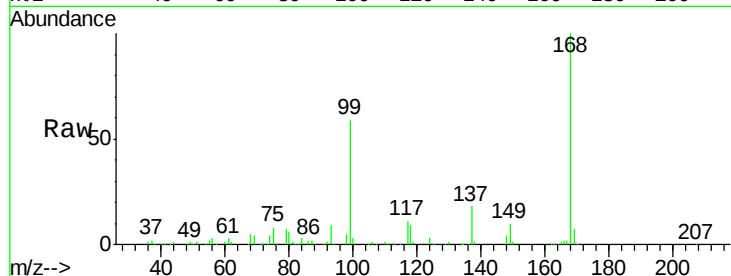
SURCHARGE-SP-25RE

Tot Ion:168 Resp: 164474

Ion Ratio Lower Upper

168 100

99 58.5 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

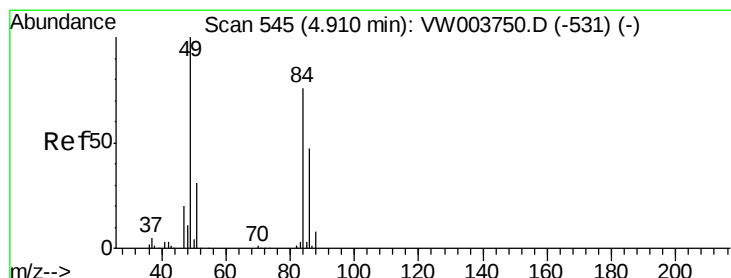
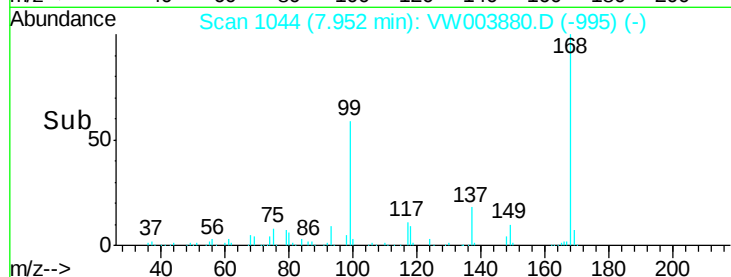
40000

20000

0

7.90 8.00

Time-->



#20

Methylene Chloride

Concen: 7.529 ug/l

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW003880.D

Acq: 11 Jul 2018 22:42

Tgt Ion: 84 Resp: 20465

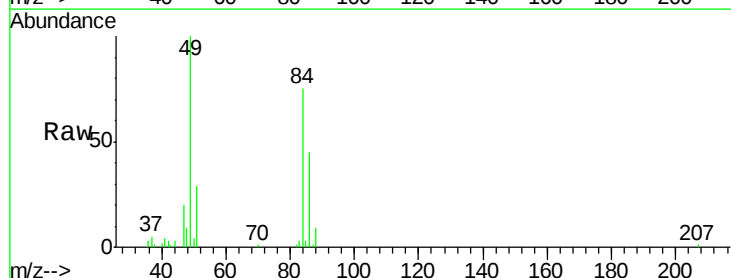
Ion Ratio Lower Upper

84 100

49 132.6 105.1 157.7

51 38.7 32.5 48.7

86 60.3 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

10000

8000

6000

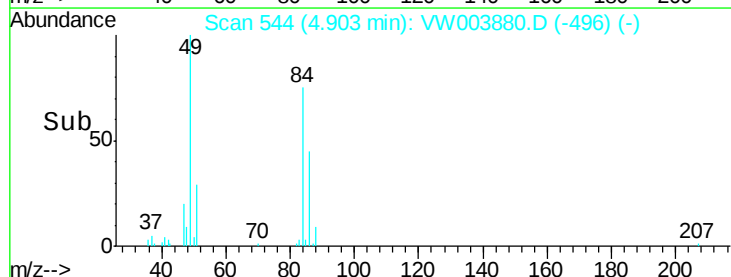
4000

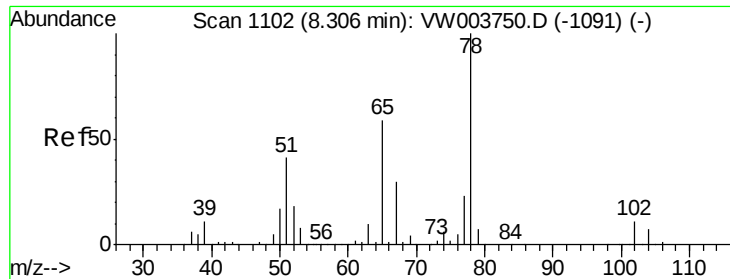
2000

0

4.80 4.90 5.00 5.10

Time-->

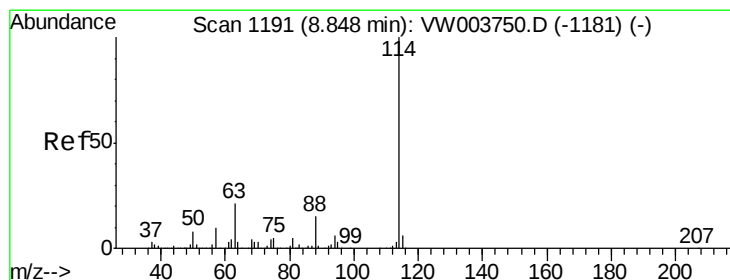
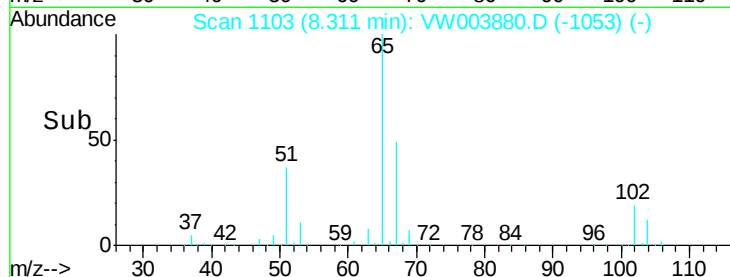
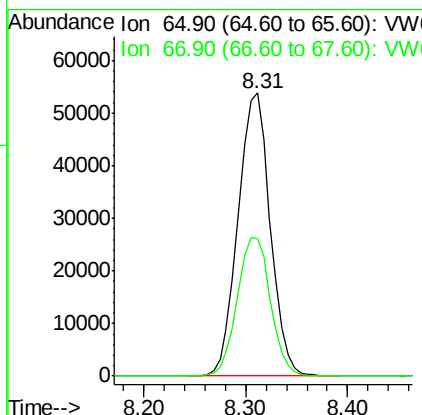
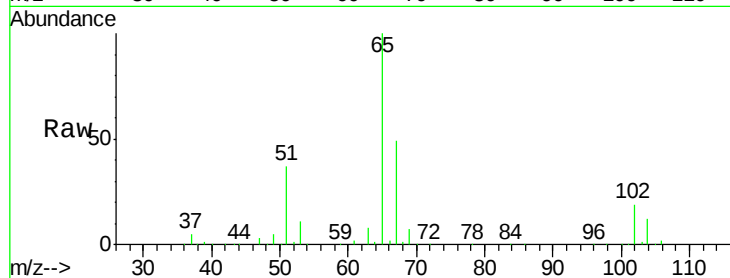




#33
 1,2-Dichloroethane-d4
 Concen: 54.919 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW003880.D
 Acq: 11 Jul 2018 22:42

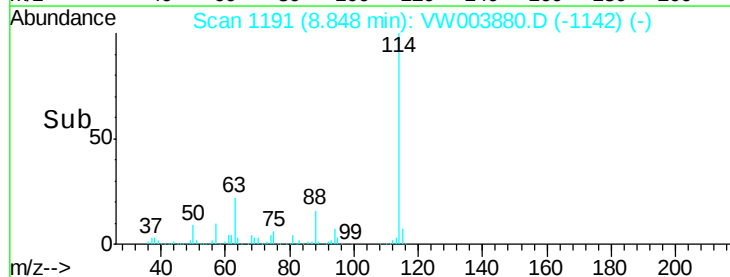
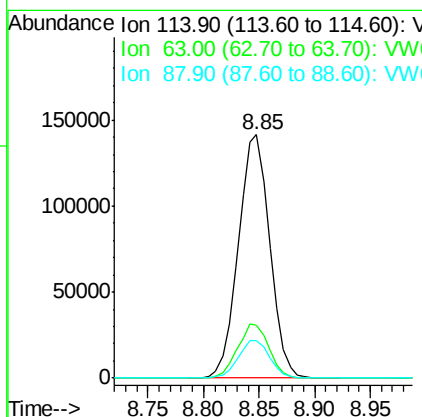
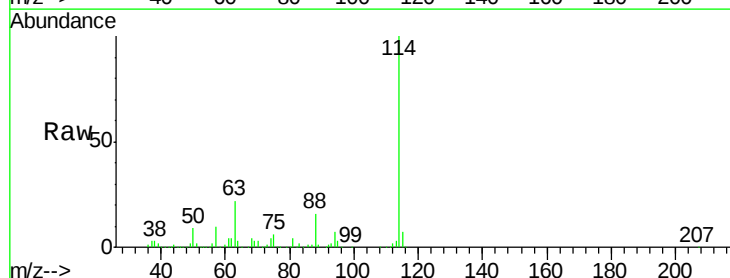
Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-25RE

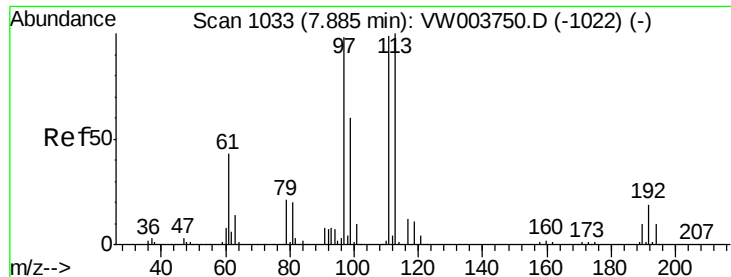
Tot Ion: 65 Resp: 118123
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003880.D
 Acq: 11 Jul 2018 22:42

Tgt Ion: 114 Resp: 276079
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 41.8
 88 15.5 0.0 30.2





#35

Dibromofluoromethane

Concen: 52.649 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW003880.D

Acq: 11 Jul 2018 22:42

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-25RE

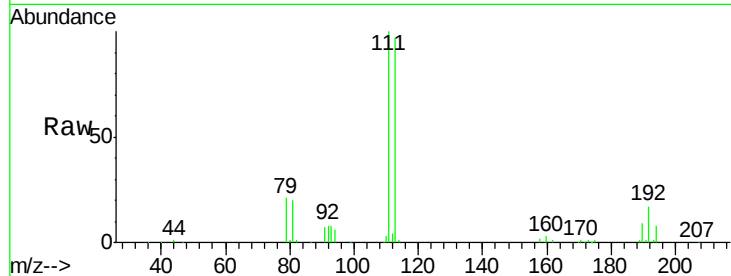
Tot Ion:113 Resp: 101730

Ion Ratio Lower Upper

113 100

111 103.3 81.7 122.5

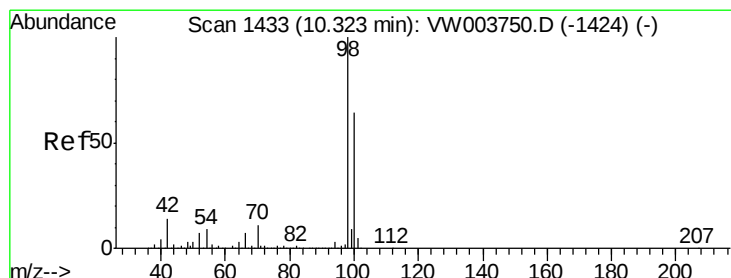
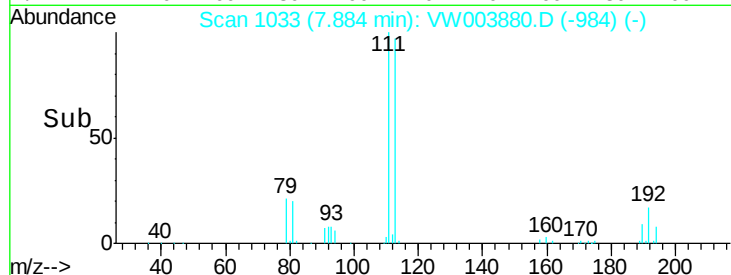
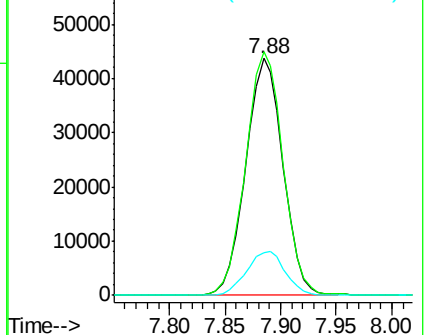
192 19.4 15.8 23.8



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: 45.557 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003880.D

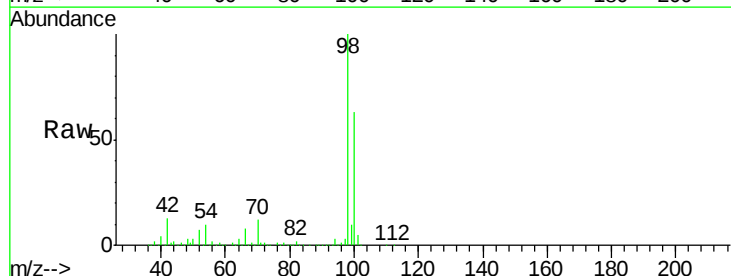
Acq: 11 Jul 2018 22:42

Tgt Ion: 98 Resp: 336723

Ion Ratio Lower Upper

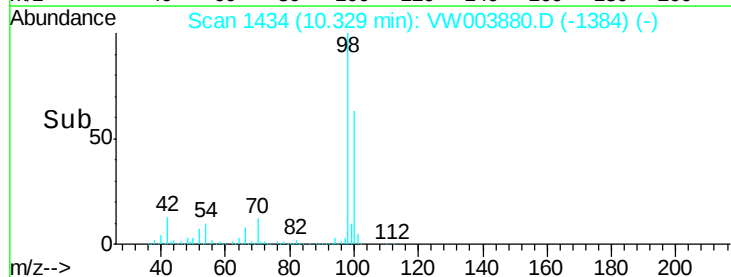
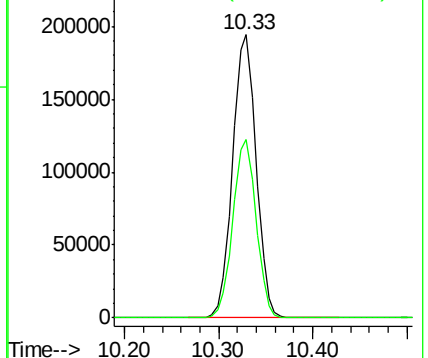
98 100

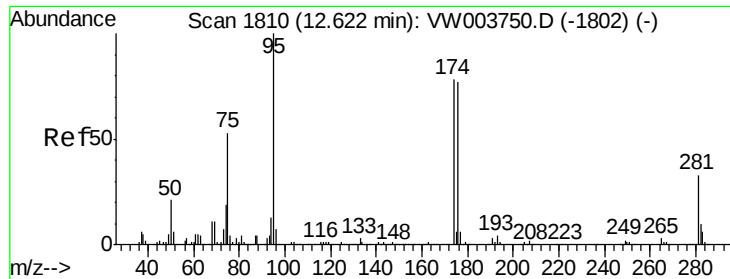
100 62.5 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 30.039 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003880.D

Acq: 11 Jul 2018 22:42

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-25RE

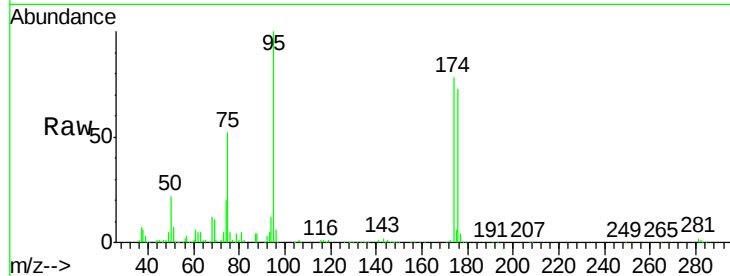
Tot Ion: 95 Resp: 80332

Ion Ratio Lower Upper

95 100

174 83.7 0.0 163.4

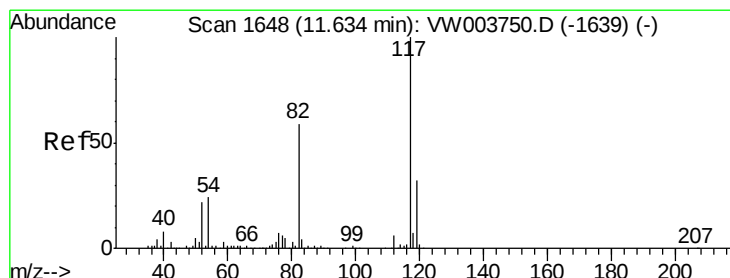
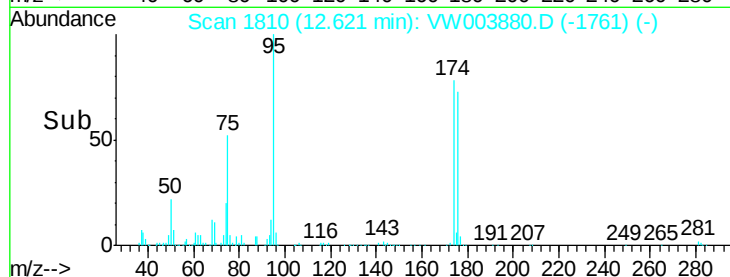
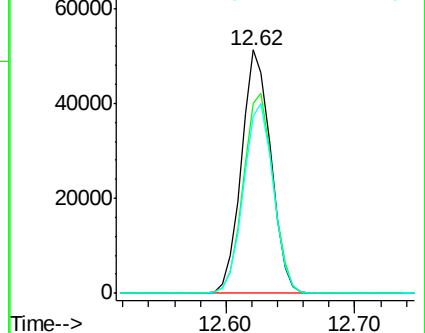
176 79.3 0.0 156.8



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: 50.000 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VW003880.D

Acq: 11 Jul 2018 22:42

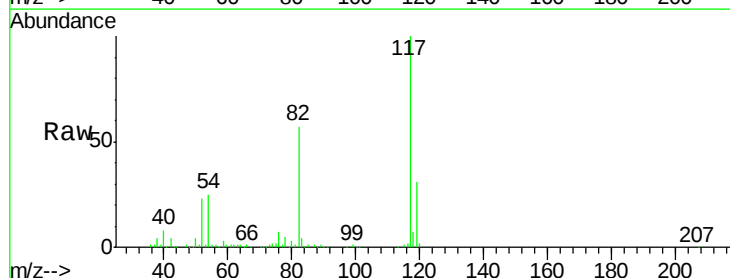
Tgt Ion: 117 Resp: 213550

Ion Ratio Lower Upper

117 100

82 56.6 46.9 70.3

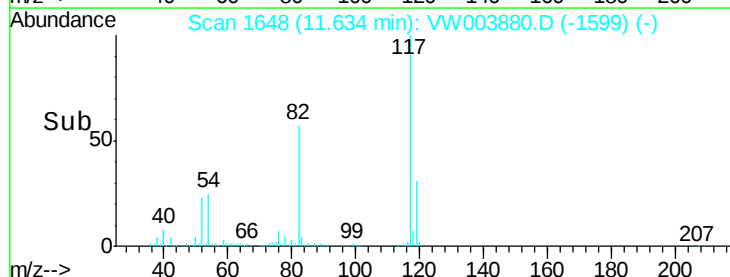
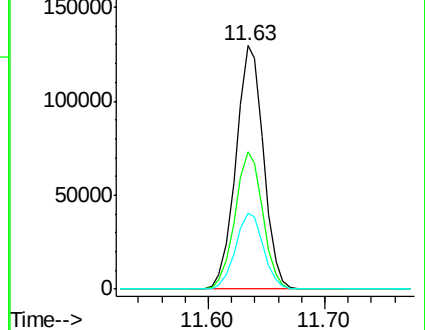
119 31.0 25.5 38.3

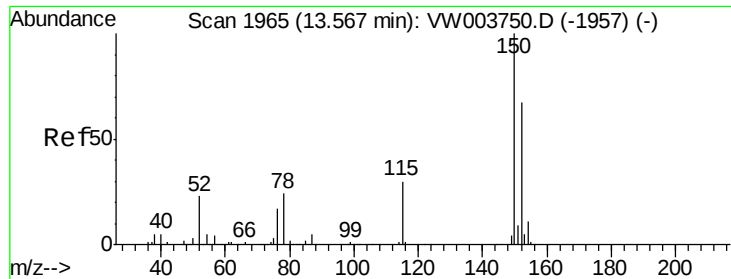


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003880.D

Acq: 11 Jul 2018 22:42

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-25RE

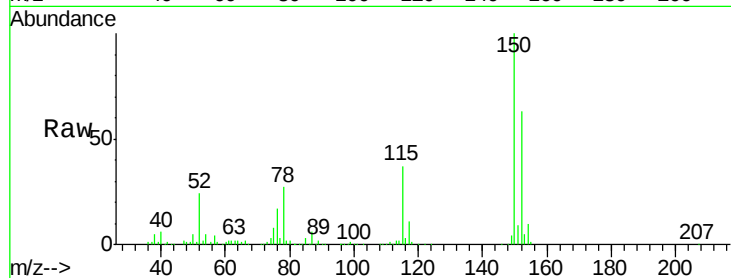
Tot Ion:152 Resp: 61653

Ion Ratio Lower Upper

152 100

115 60.1 28.9 86.8

150 161.3 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

