

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070918\
 Data File : VW003809.D
 Acq On : 10 Jul 2018 06:43
 Operator : SY/AP
 Sample : J3880-06
 Misc : 5.50G/5ML/MSVOA W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-13

Quant Time: Jul 10 08:09:10 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

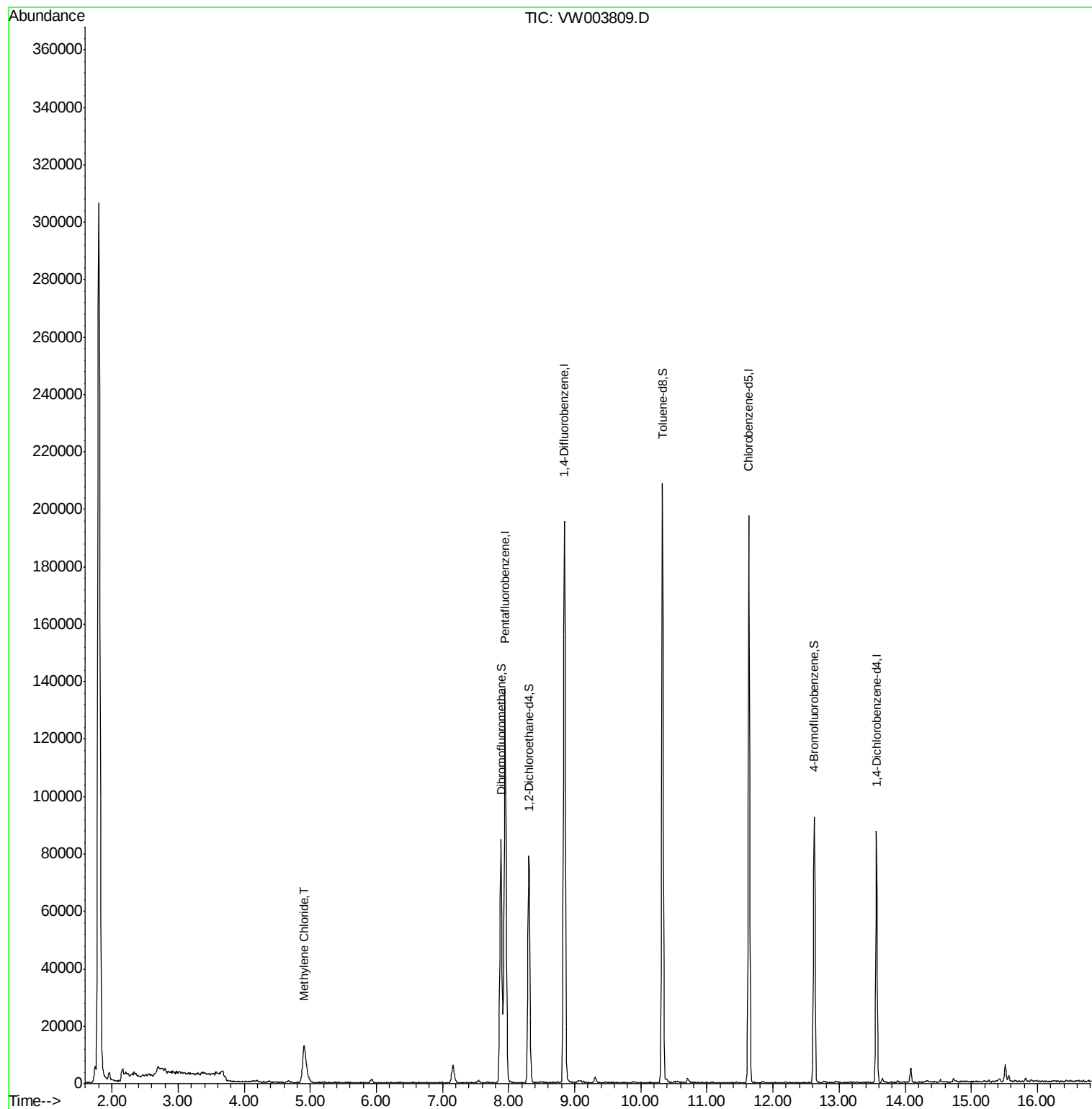
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	97073	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	151067	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	101983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	21710	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	62858	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
35) Dibromofluoromethane	7.88	113	56718	53.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.28%	
50) Toluene-d8	10.33	98	135477	33.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.00%	
62) 4-Bromofluorobenzene	12.62	95	26400	18.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	36.08%	
Target Compounds						
20) Methylene Chloride	4.91	84	11747	7.190	ug/l #	Qvalue 91

(#) = 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: VW003809.D

Acq: 10 Jul 2018 06:43

Instrument :

MSVOA_W

ClientSampleId :

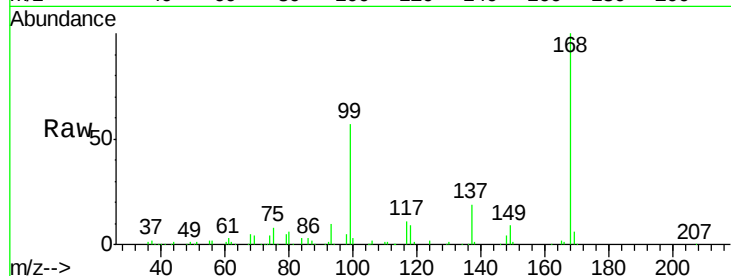
SURCHARGE-SP-13

Tot Ion:168 Resp: 97073

Ion Ratio Lower Upper

168 100

99 56.8 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

50000

40000

30000

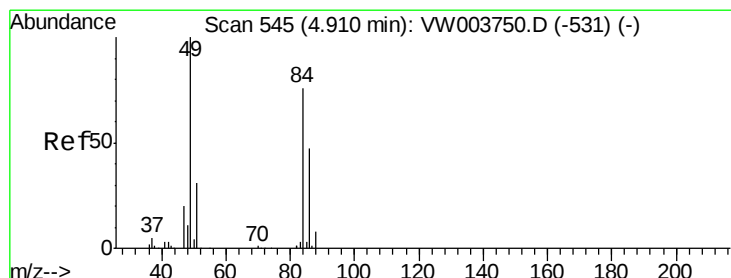
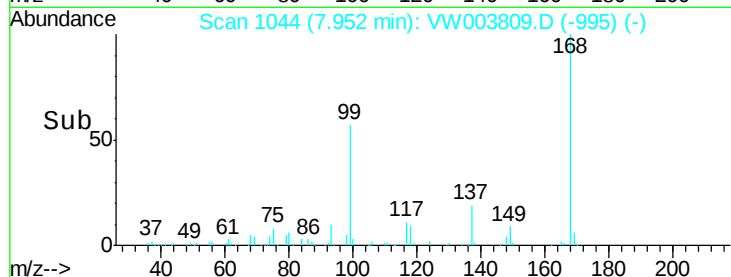
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#20

Methylene Chloride

Concen: 7.190 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW003809.D

Acq: 10 Jul 2018 06:43

Tgt Ion: 84 Resp: 11747

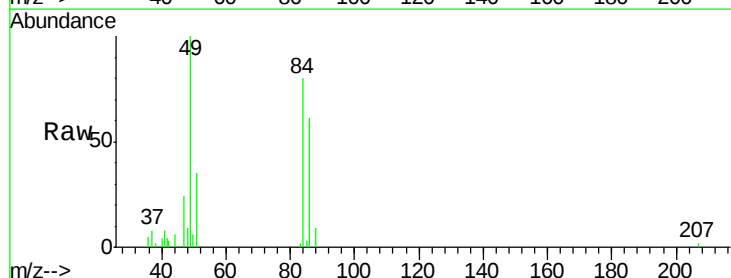
Ion Ratio Lower Upper

84 100

49 124.5 105.1 157.7

51 43.1 32.5 48.7

86 75.4 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

6000

5000

4000

3000

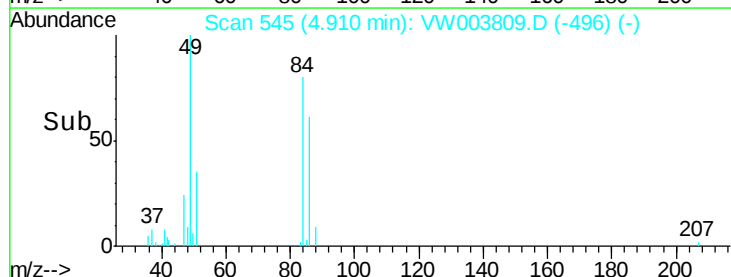
2000

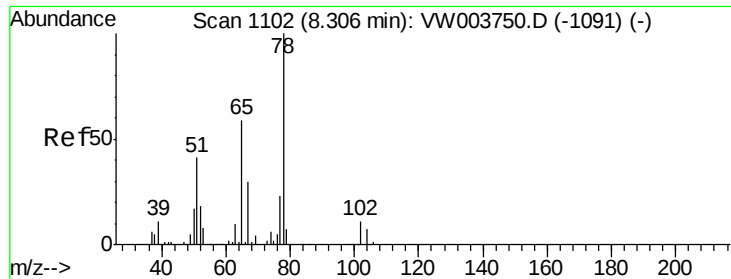
1000

0

4.80 4.90 5.00 5.10

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.516 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW003809.D

Acq: 10 Jul 2018 06:43

Instrument :

MSVOA_W

ClientSampleId :

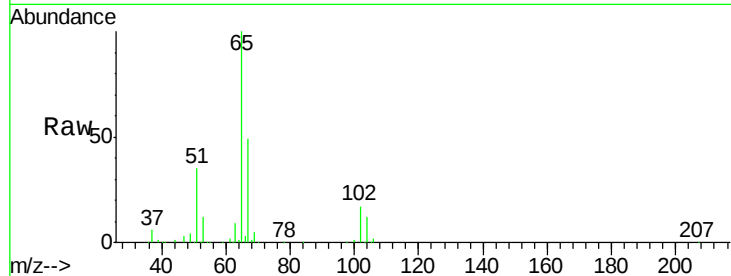
SURCHARGE-SP-13

Tot Ion: 65 Resp: 62858

Ion Ratio Lower Upper

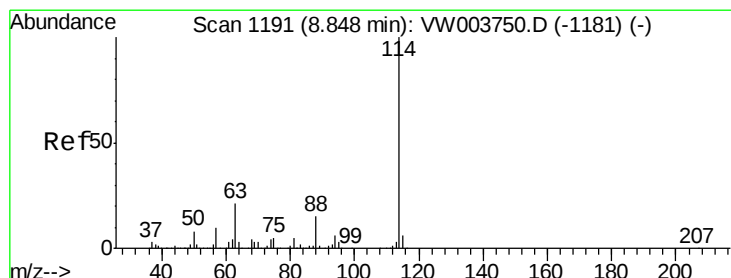
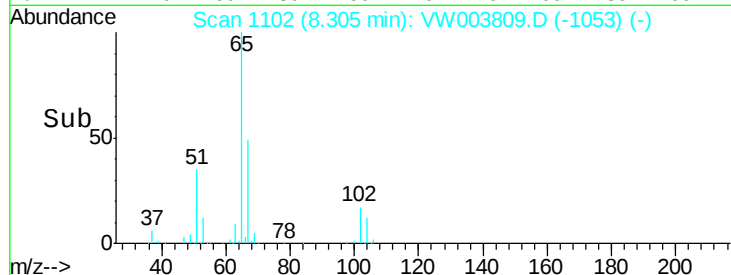
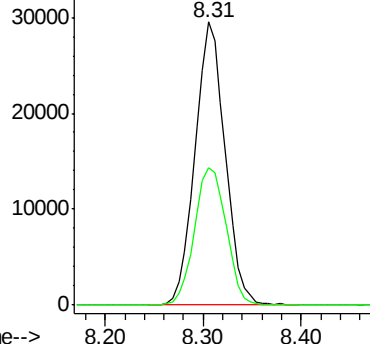
65 100

67 51.4 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1190

Delta R.T. -0.01 min

Lab File: VW003809.D

Acq: 10 Jul 2018 06:43

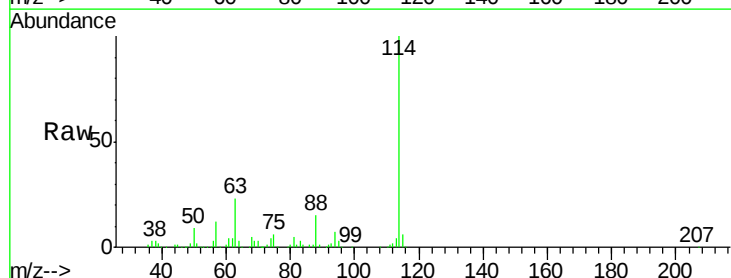
Tgt Ion: 114 Resp: 151067

Ion Ratio Lower Upper

114 100

63 22.6 0.0 41.8

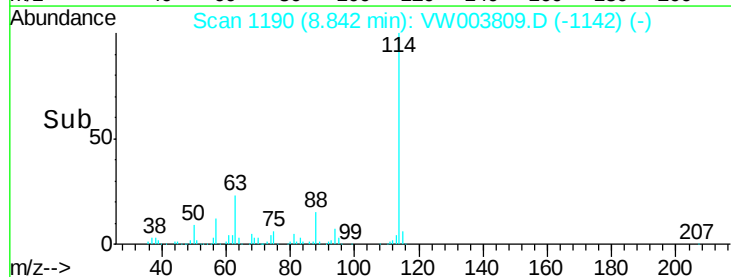
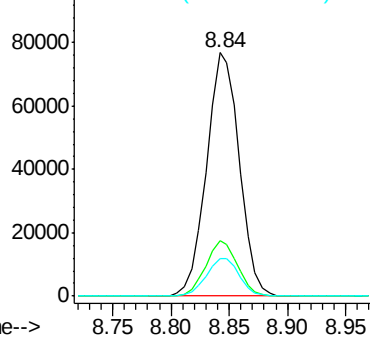
88 15.5 0.0 30.2

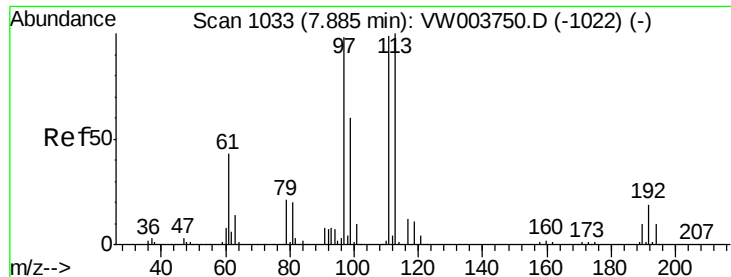


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 53.644 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW003809.D

Acq: 10 Jul 2018 06:43

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-13

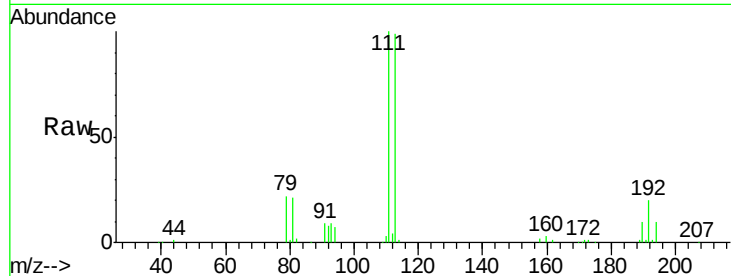
Tot Ion:113 Resp: 56718

Ion Ratio Lower Upper

113 100

111 103.4 81.7 122.5

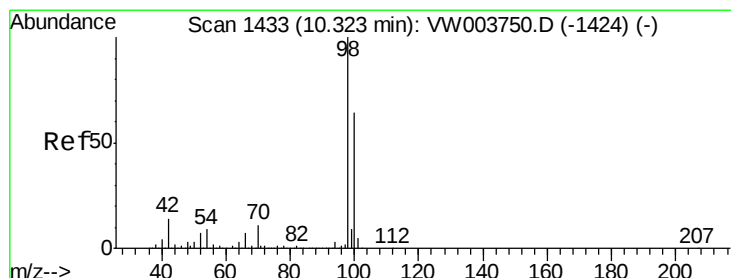
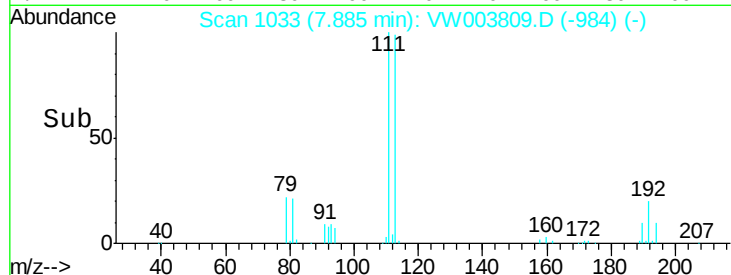
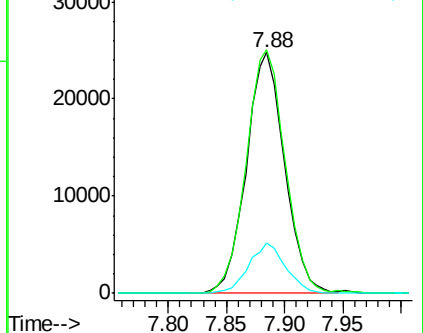
192 20.1 15.8 23.8



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: 33.497 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003809.D

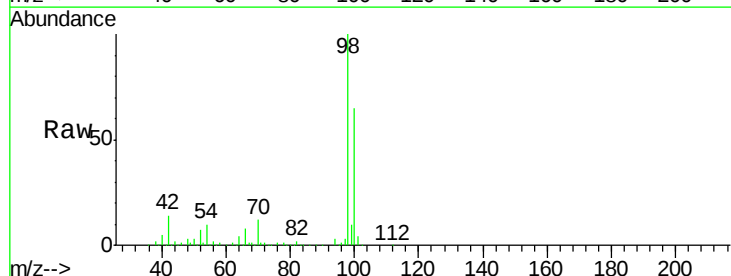
Acq: 10 Jul 2018 06:43

Tgt Ion: 98 Resp: 135477

Ion Ratio Lower Upper

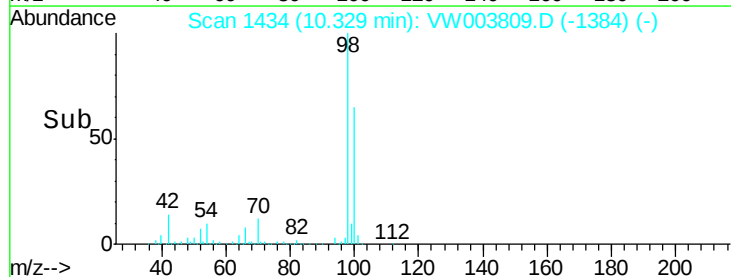
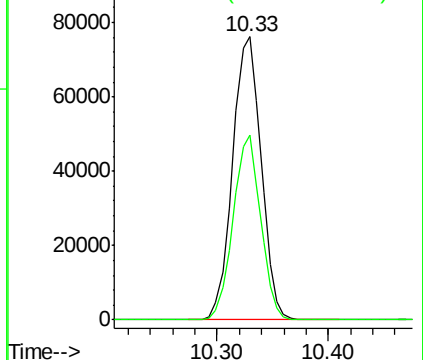
98 100

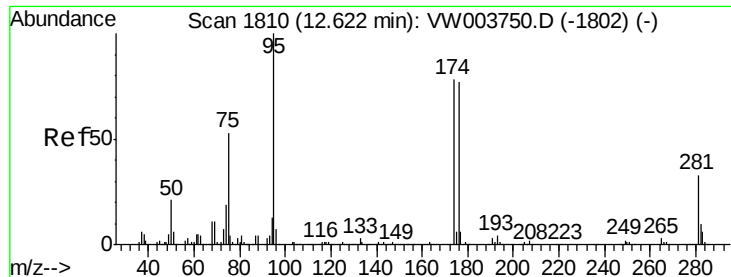
100 62.7 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

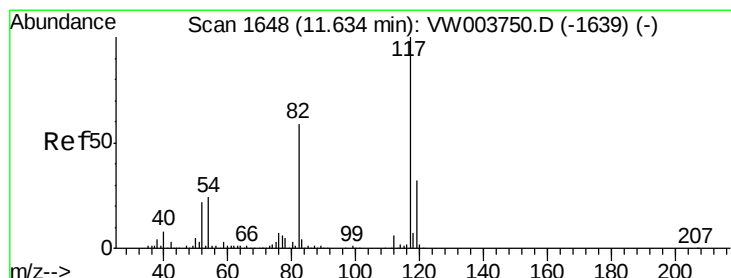
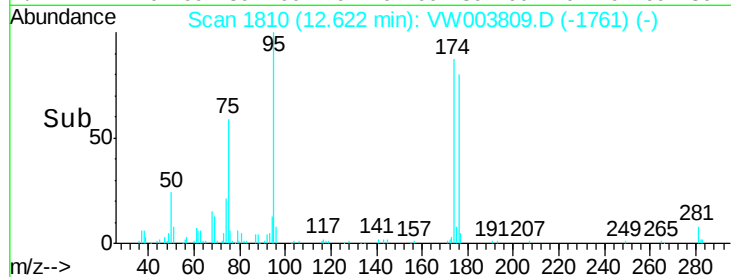
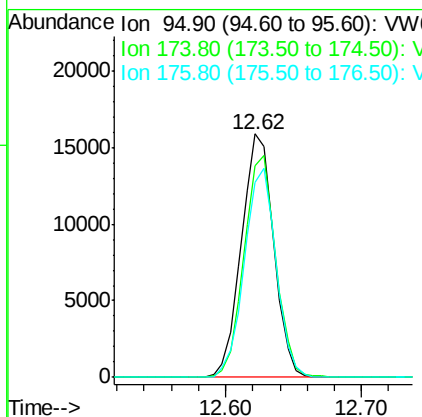
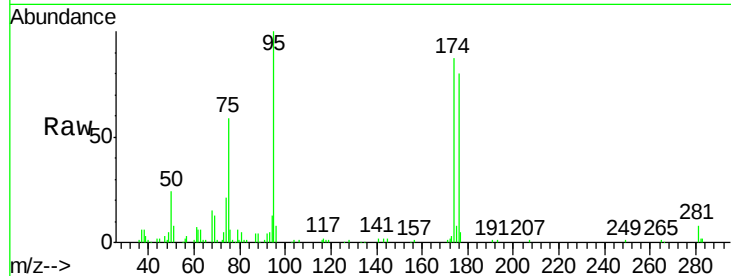




#62
4-Bromofluorobenzene
Concen: 18.041 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW003809.D
Acq: 10 Jul 2018 06:43

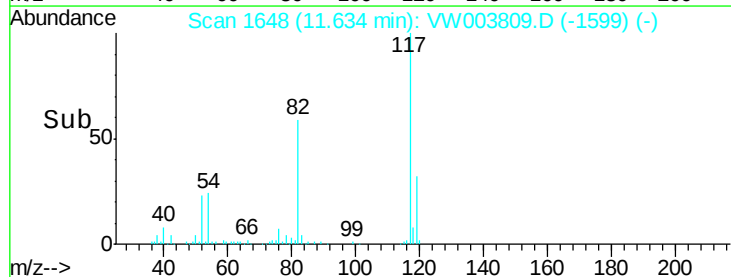
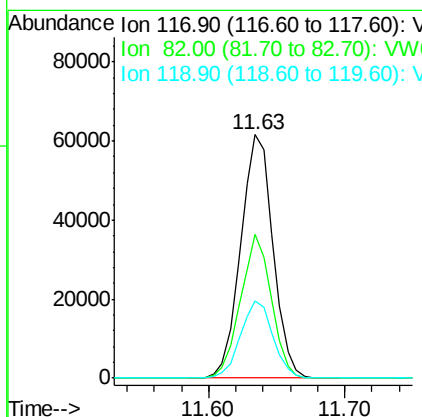
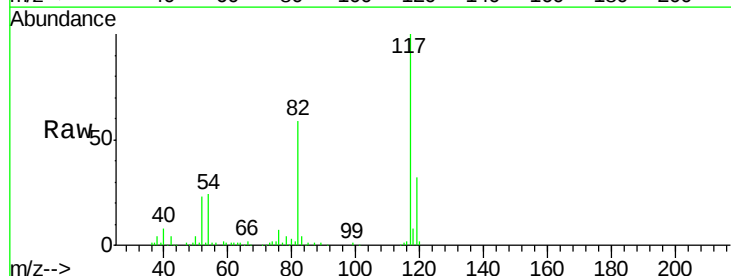
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-13

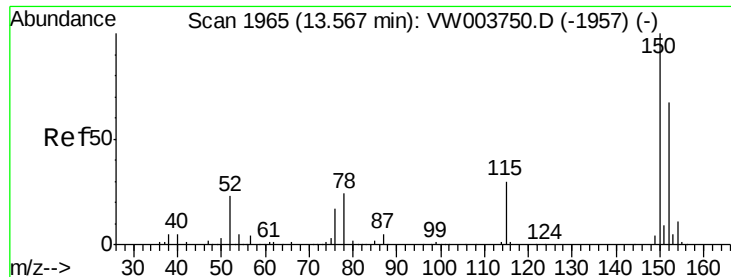
Tot Ion: 95 Resp: 26400
Ion Ratio Lower Upper
95 100
174 89.3 0.0 163.4
176 84.8 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003809.D
Acq: 10 Jul 2018 06:43

Tgt Ion: 117 Resp: 101983
Ion Ratio Lower Upper
117 100
82 59.0 46.9 70.3
119 31.7 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003809.D

Acq: 10 Jul 2018 06:43

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-13

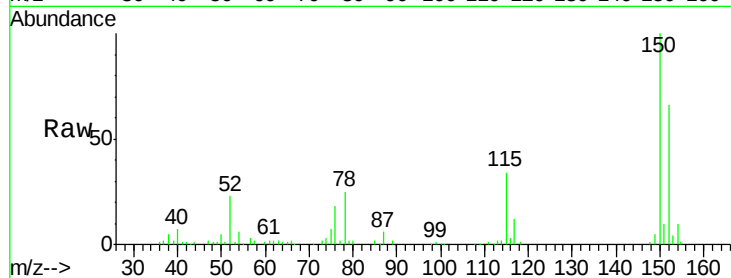
Tot Ion:152 Resp: 21710

Ion Ratio Lower Upper

152 100

115 59.2 28.9 86.8

150 157.8 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

