

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070918\
 Data File : VW003800.D
 Acq On : 10 Jul 2018 02:49
 Operator : SY/AP
 Sample : J3879-08
 Misc : 5.12G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-4

Quant Time: Jul 10 04:29:51 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

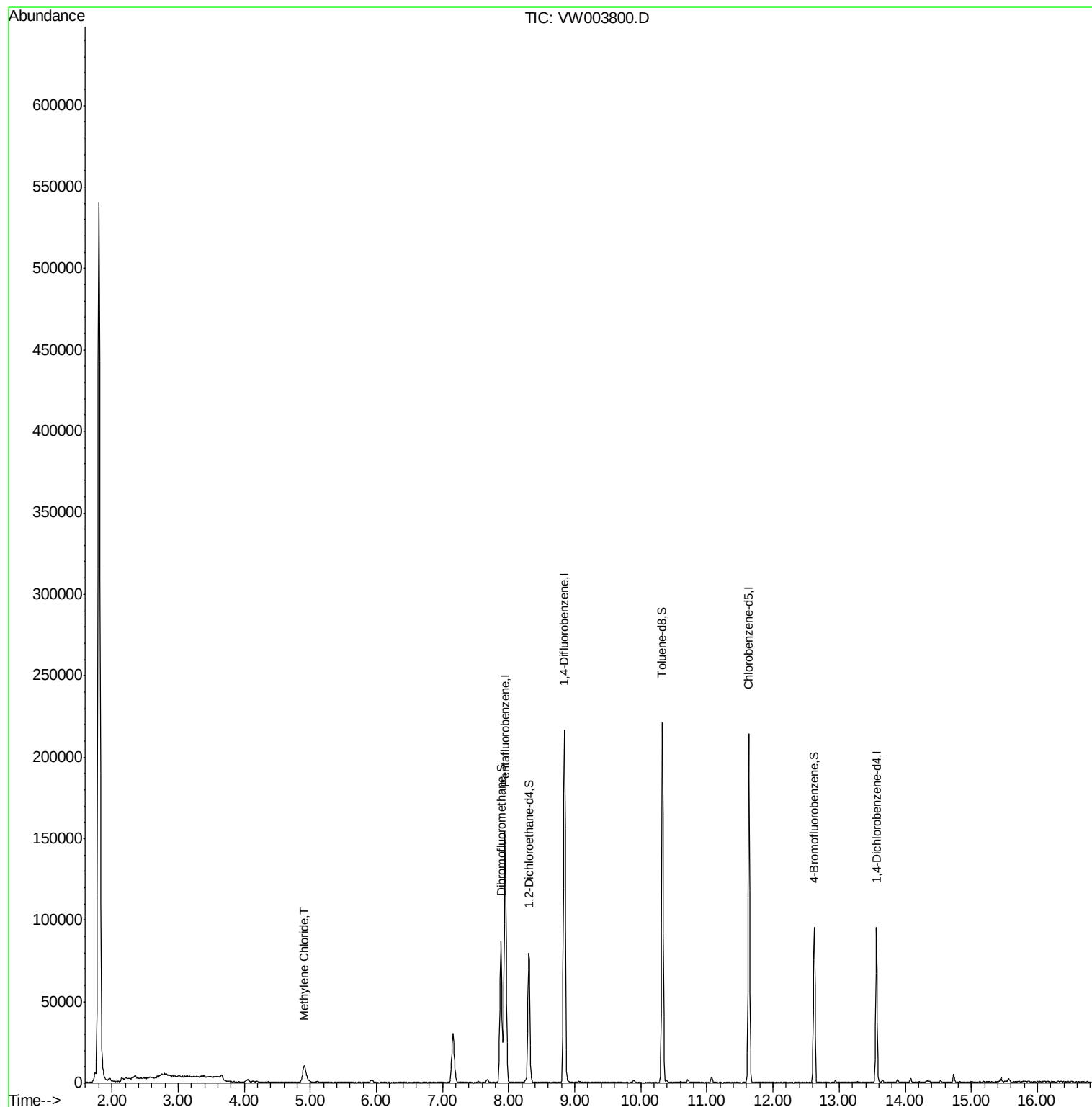
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	110291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	169344	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	111794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	24448	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	63761	44.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.42%	
35) Dibromofluoromethane	7.88	113	57859	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
50) Toluene-d8	10.32	98	142357	31.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.80%	
62) 4-Bromofluorobenzene	12.62	95	27881	17.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	34.00%	
Target Compounds						
20) Methylene Chloride	4.91	84	9169	3.435	ug/l	Qvalue 94

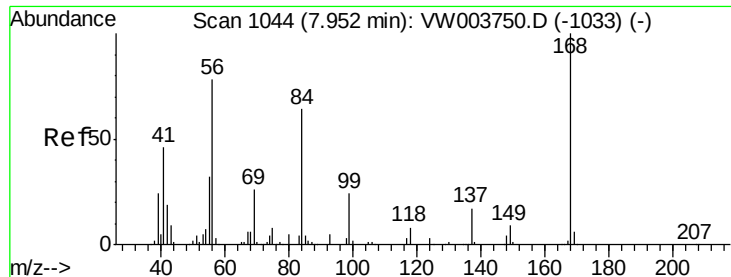
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW003800.D

Acq: 10 Jul 2018 02:49

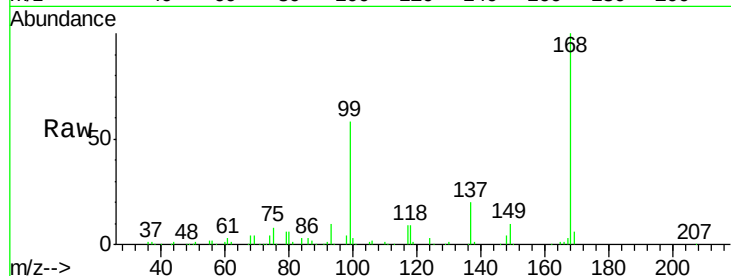
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-4

Tot Ion:168 Resp: 110291

Ion Ratio Lower Upper

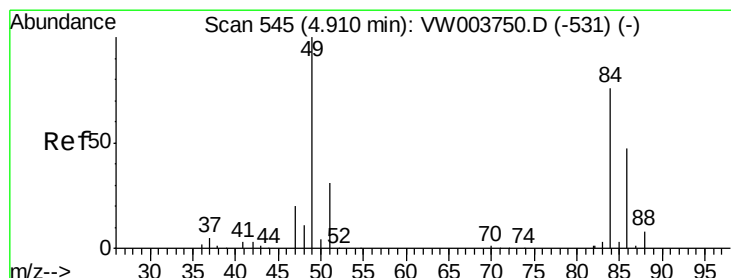
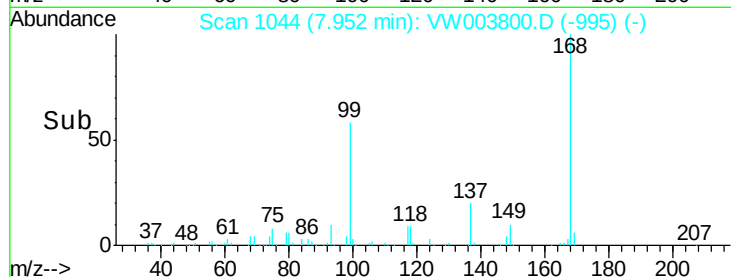
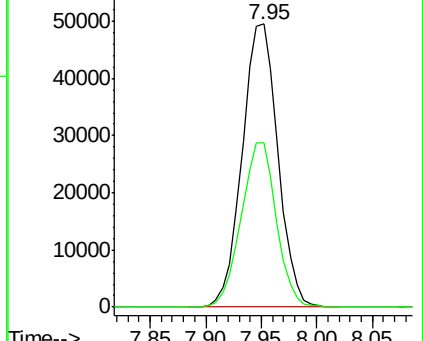
168 100

99 58.0 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: 3.435 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW003800.D

Acq: 10 Jul 2018 02:49

Tgt Ion: 84 Resp: 9169

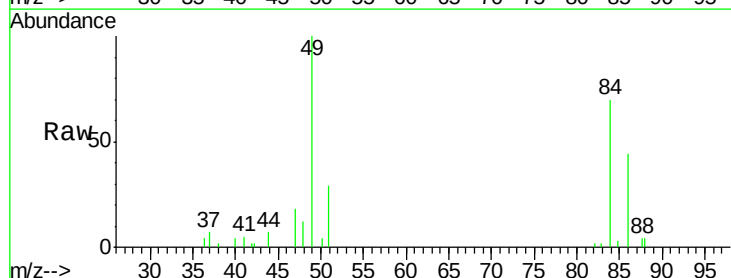
Ion Ratio Lower Upper

84 100

49 142.4 105.1 157.7

51 41.3 32.5 48.7

86 62.0 49.8 74.6

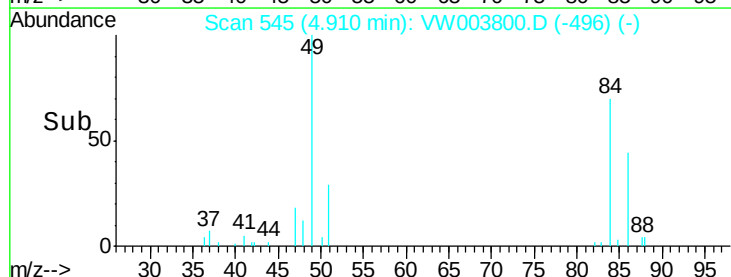
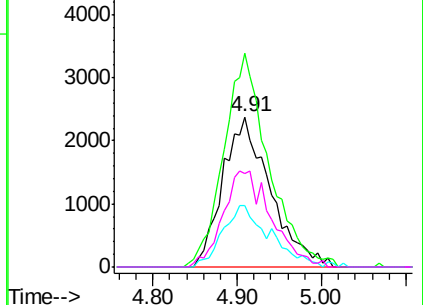


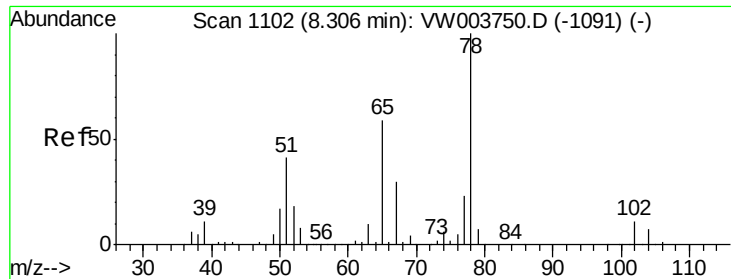
Abundance Ion 83.90 (83.60 to 84.60): VW

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

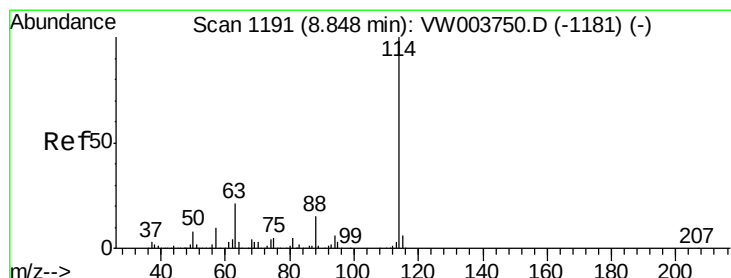
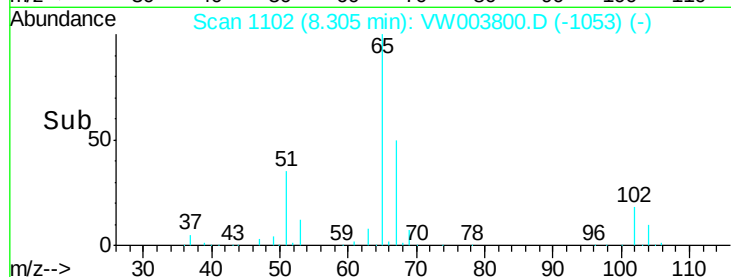
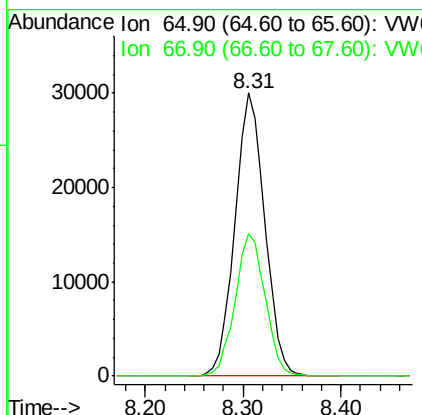
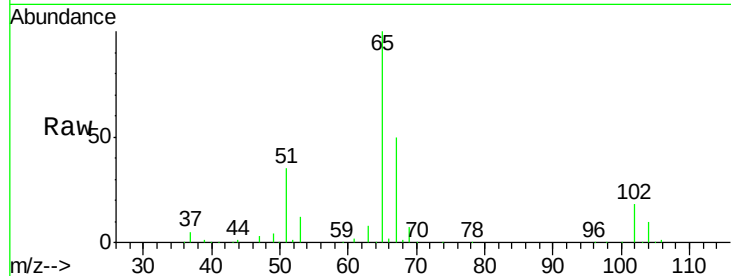




#33
 1,2-Dichloroethane-d4
 Concen: 44.208 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003800.D
 Acq: 10 Jul 2018 02:49

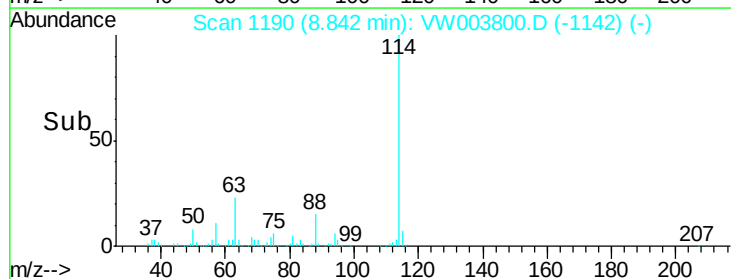
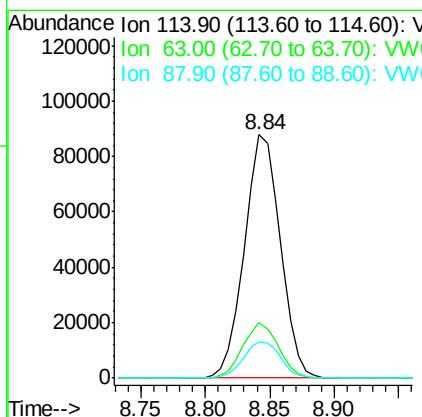
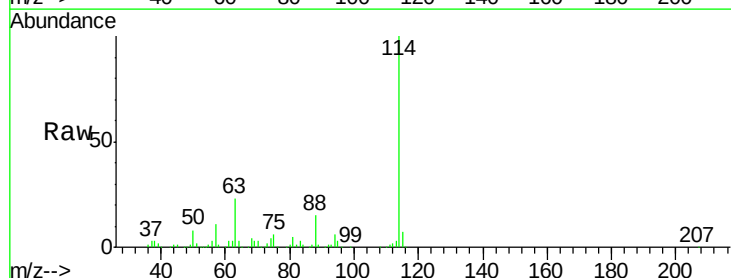
Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-4

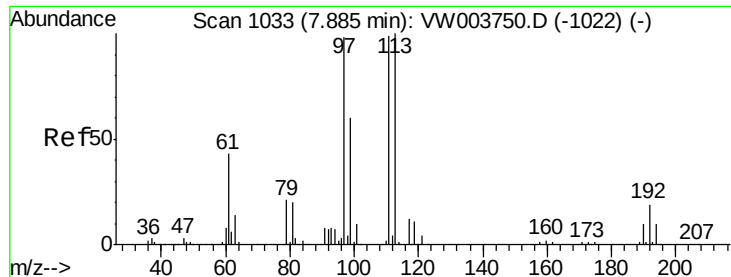
Tot Ion: 65 Resp: 63761
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW003800.D
 Acq: 10 Jul 2018 02:49

Tgt Ion: 114 Resp: 169344
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 41.8
 88 15.0 0.0 30.2

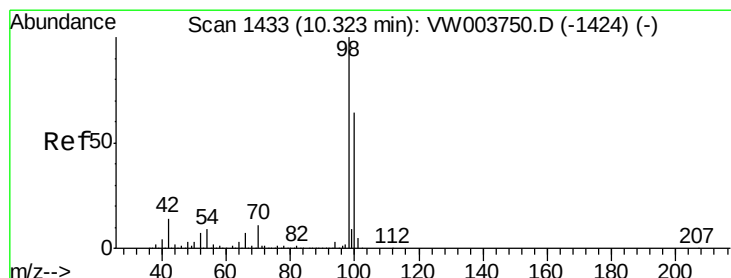
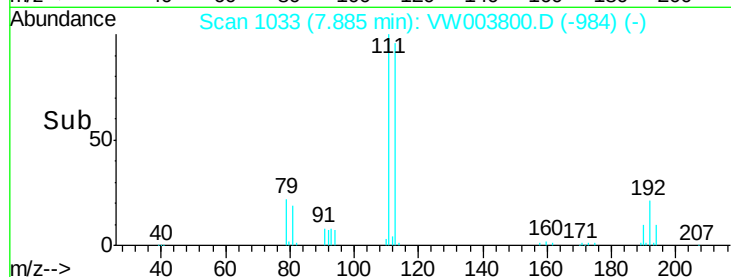
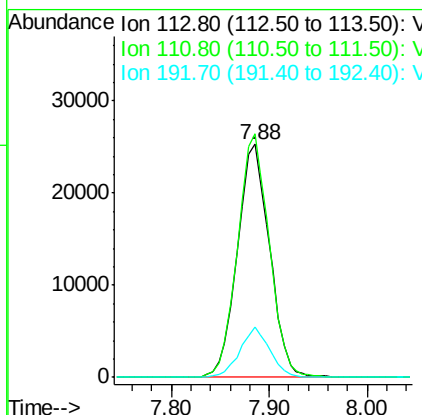
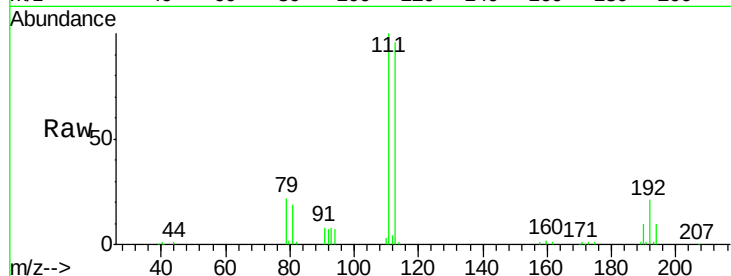




#35
 Dibromofluoromethane
 Concen: 48.817 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003800.D
 Acq: 10 Jul 2018 02:49

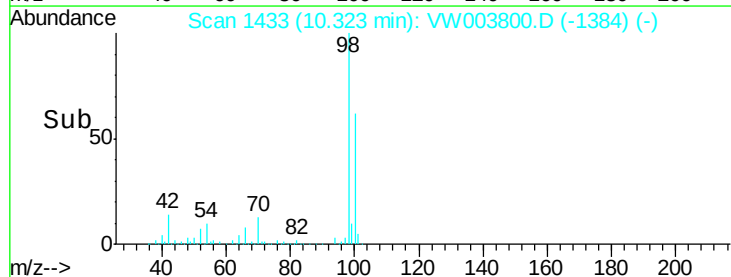
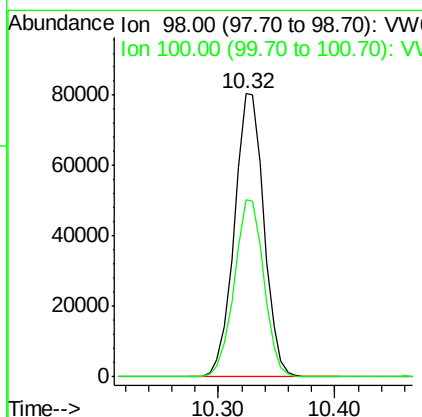
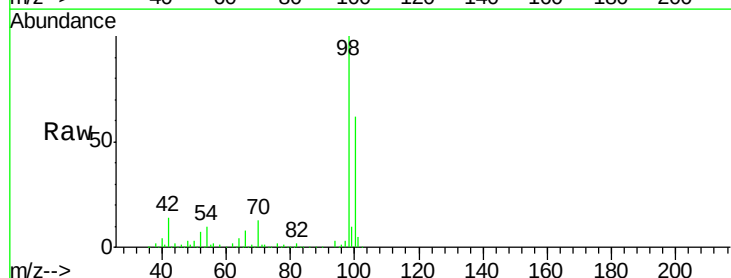
Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-4

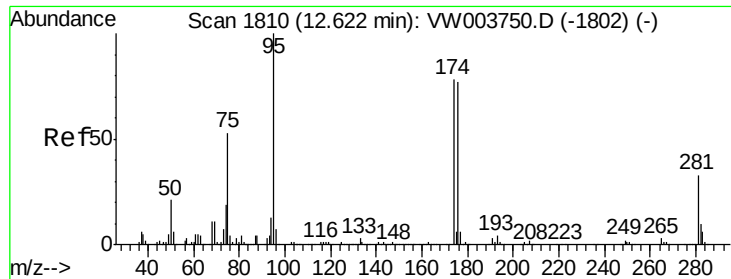
Tot Ion:113 Resp: 57859
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.7 122.5
 192 19.9 15.8 23.8



#50
 Toluene-d8
 Concen: 31.400 ug/l
 RT: 10.32 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: VW003800.D
 Acq: 10 Jul 2018 02:49

Tgt Ion: 98 Resp: 142357
 Ion Ratio Lower Upper
 98 100
 100 62.4 50.8 76.2

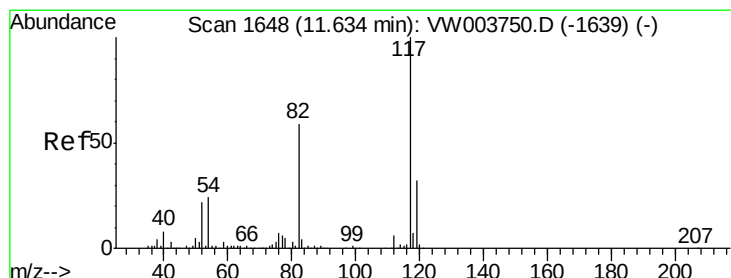
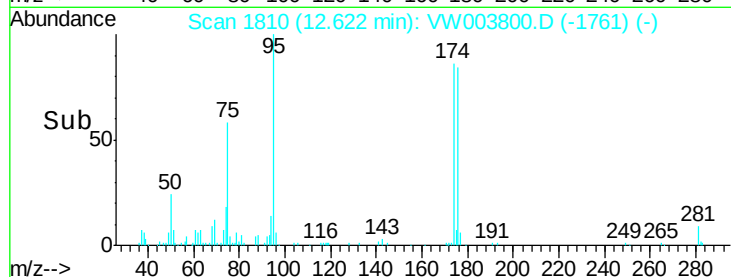
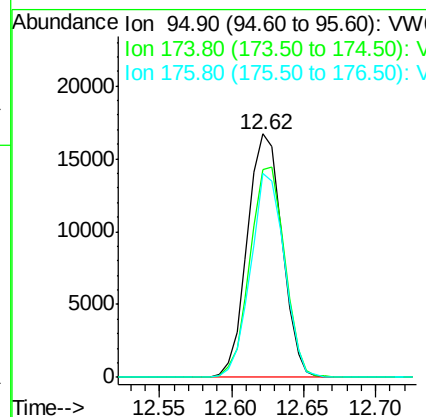
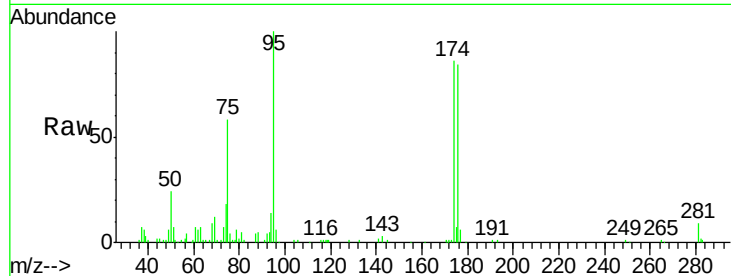




#62
4-Bromofluorobenzene
Concen: 16.997 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW003800.D
Acq: 10 Jul 2018 02:49

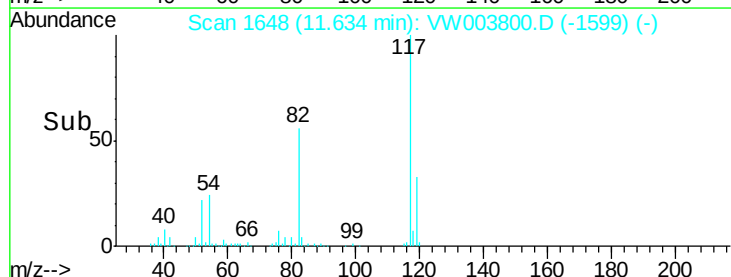
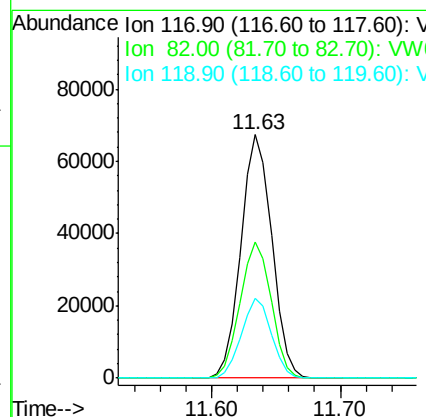
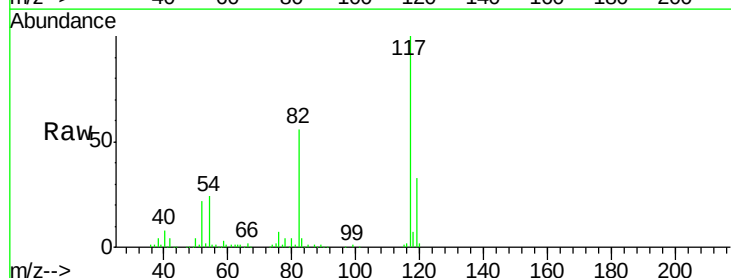
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-4

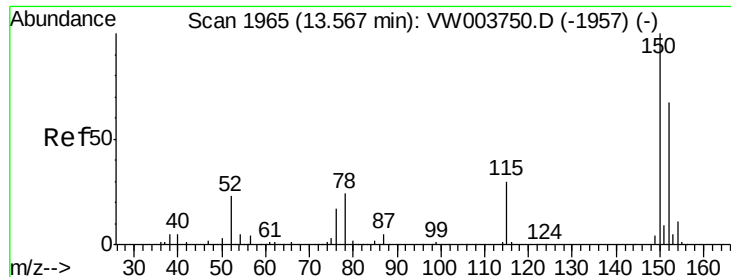
Tot Ion: 95 Resp: 27881
Ion Ratio Lower Upper
95 100
174 86.2 0.0 163.4
176 81.0 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003800.D
Acq: 10 Jul 2018 02:49

Tgt Ion: 117 Resp: 111794
Ion Ratio Lower Upper
117 100
82 56.1 46.9 70.3
119 33.0 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: VW003800.D

Acq: 10 Jul 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-4

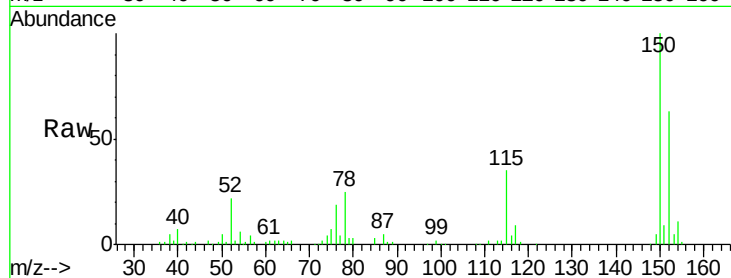
Tot Ion:152 Resp: 24448

Ion Ratio Lower Upper

152 100

115 57.1 28.9 86.8

150 154.1 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

