

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070918\
 Data File : VW003812.D
 Acq On : 10 Jul 2018 08:02
 Operator : SY/AP
 Sample : J3880-12
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-16

Quant Time: Jul 10 08:45:11 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

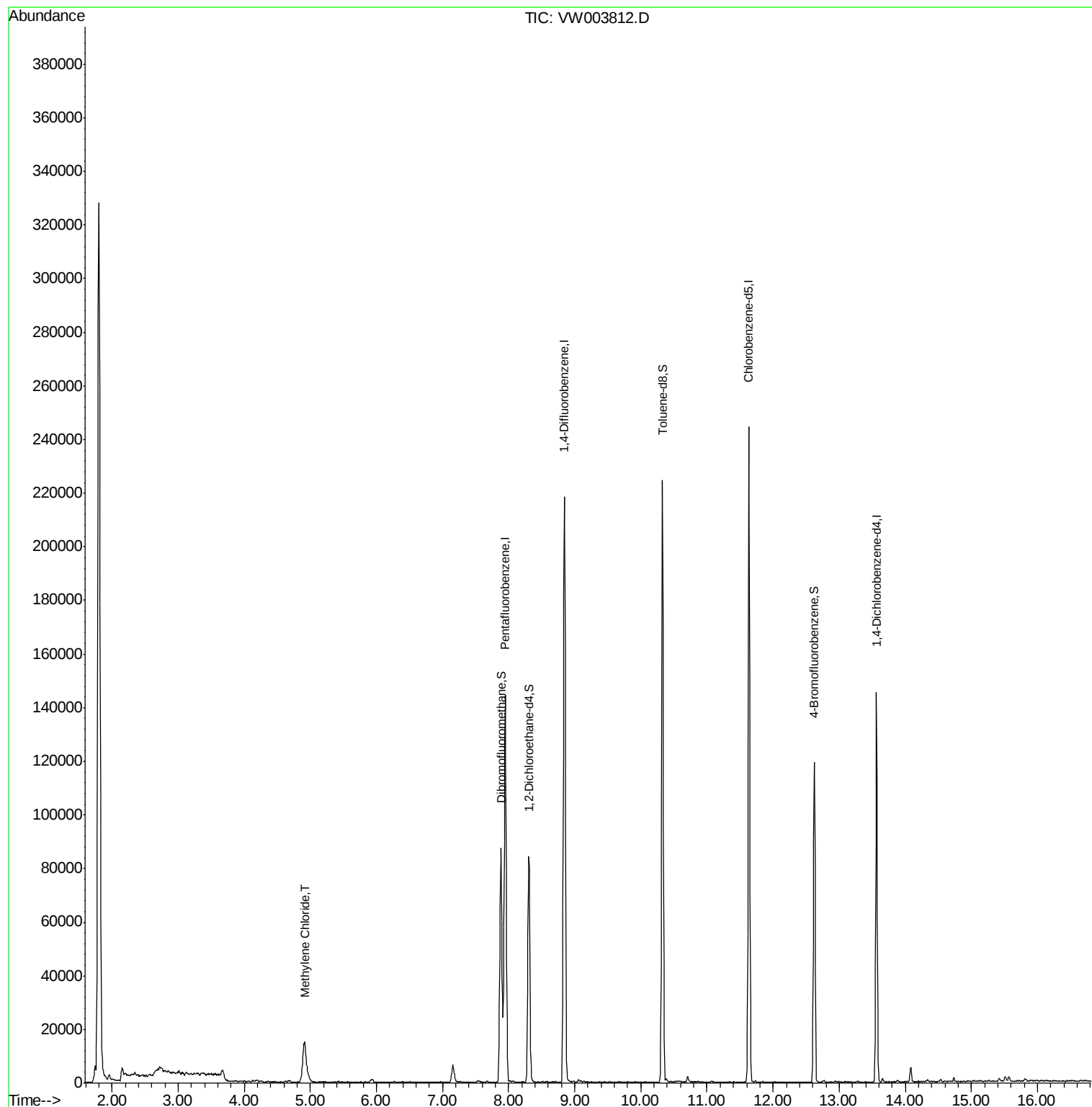
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	102043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	171923	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	127320	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	35609	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	68434	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
35) Dibromofluoromethane	7.88	113	59011	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
50) Toluene-d8	10.33	98	147151	31.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.94%	
62) 4-Bromofluorobenzene	12.62	95	35760	21.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	42.94%	
Target Compounds						
20) Methylene Chloride	4.92	84	13726	8.529	ug/l	Qvalue 97

(#) = 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: VW003812.D

Acq: 10 Jul 2018 08:02

Instrument :

MSVOA_W

ClientSampleId :

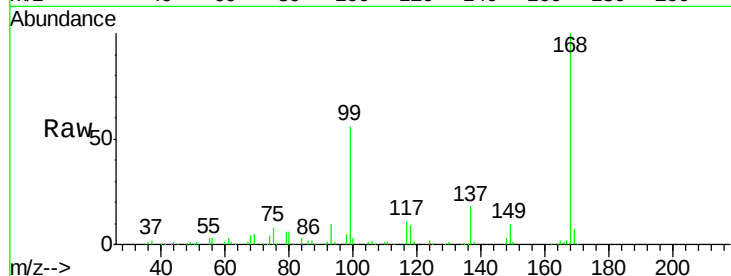
SURCHARGE-SP-16

Tot Ion:168 Resp: 102043

Ion Ratio Lower Upper

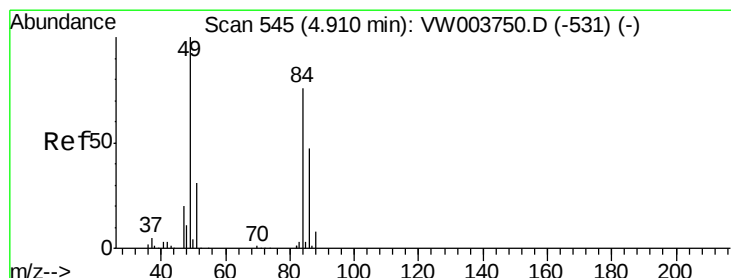
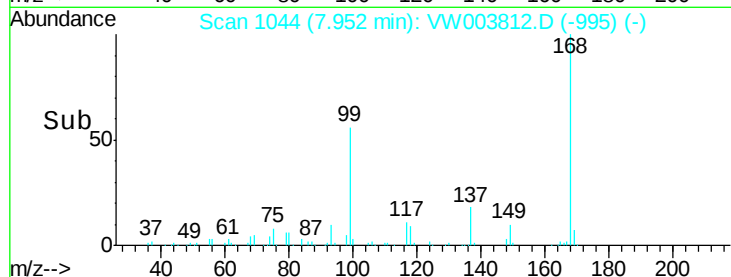
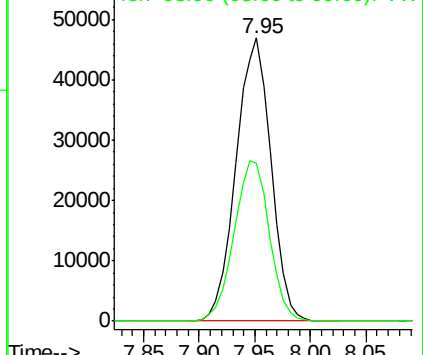
168 100

99 55.8 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: 8.529 ug/l

RT: 4.92 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW003812.D

Acq: 10 Jul 2018 08:02

Tgt Ion: 84 Resp: 13726

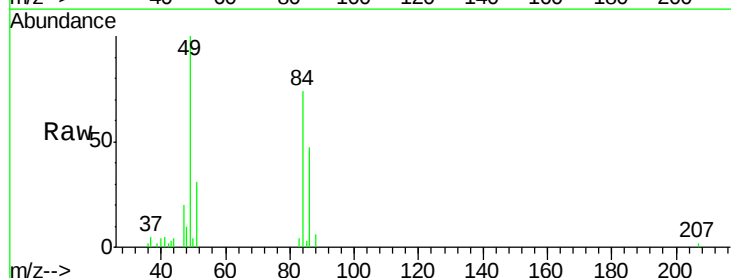
Ion Ratio Lower Upper

84 100

49 135.7 105.1 157.7

51 42.3 32.5 48.7

86 63.6 49.8 74.6

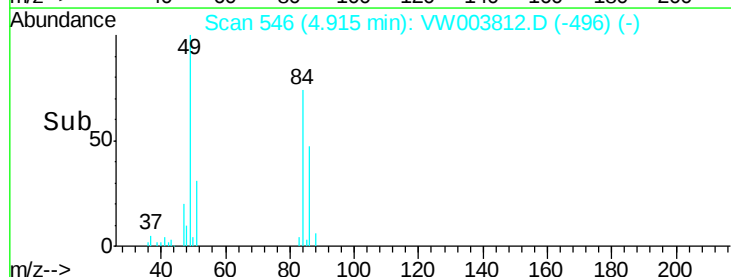
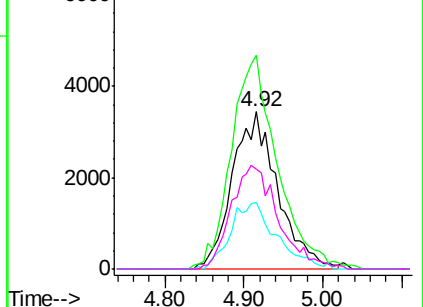


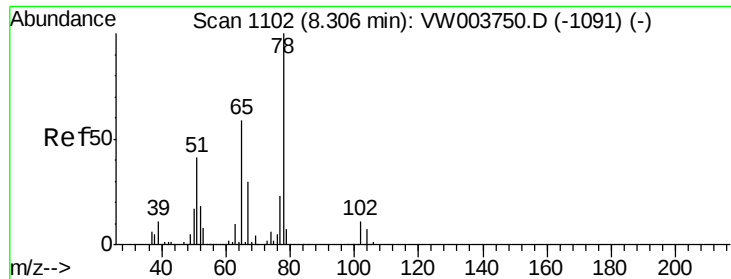
Abundance Ion 83.90 (83.60 to 84.60): VW

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

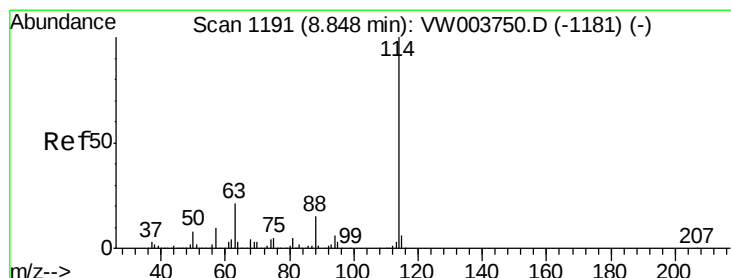
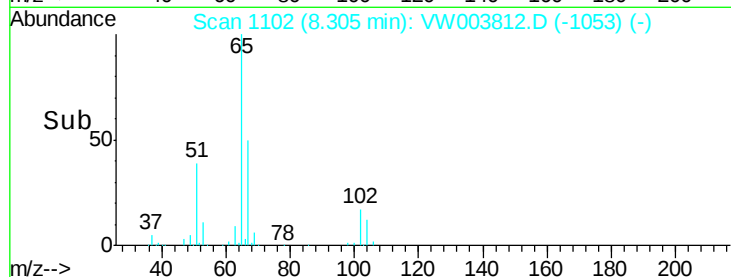
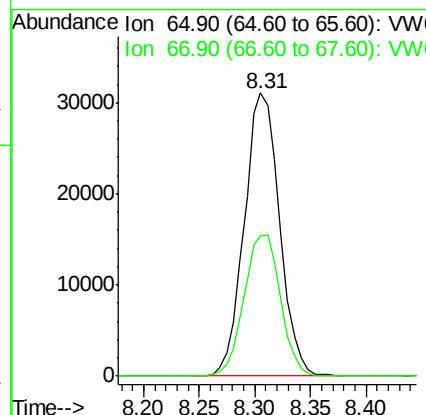
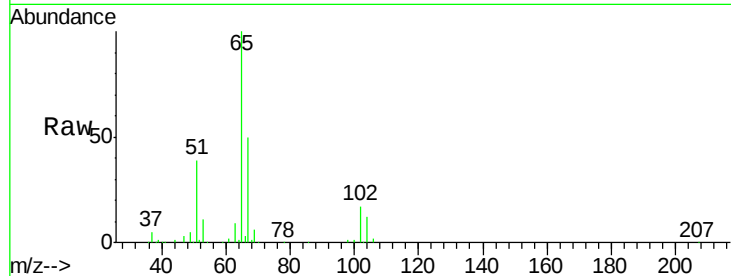




#33
 1,2-Dichloroethane-d4
 Concen: 51.283 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003812.D
 Acq: 10 Jul 2018 08:02

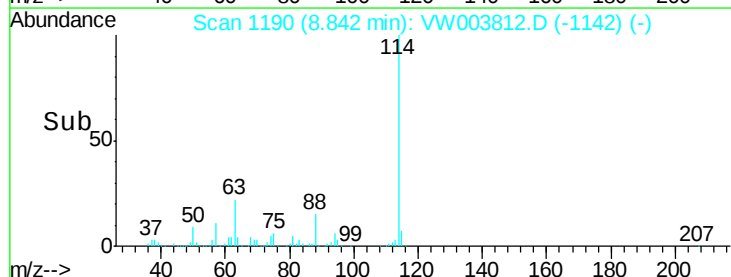
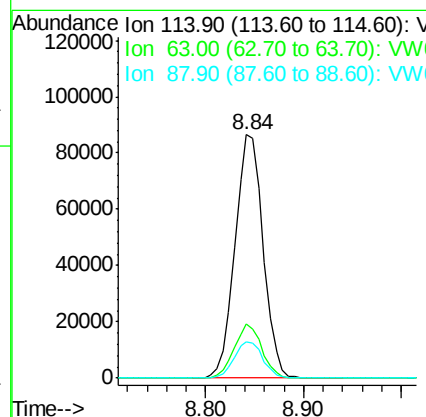
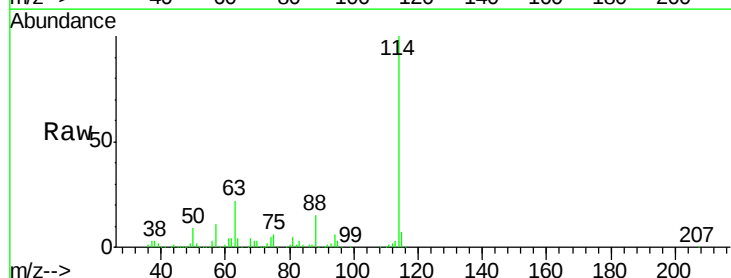
Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-16

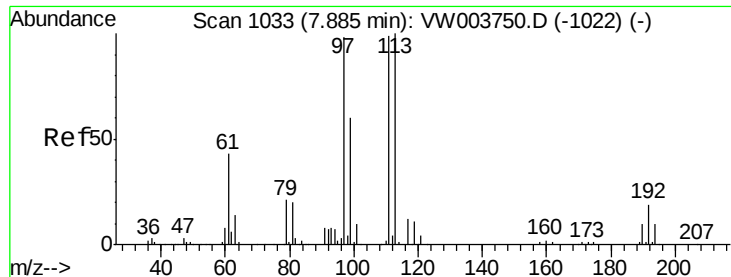
Tot Ion: 65 Resp: 68434
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW003812.D
 Acq: 10 Jul 2018 08:02

Tgt Ion: 114 Resp: 171923
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 41.8
 88 14.8 0.0 30.2

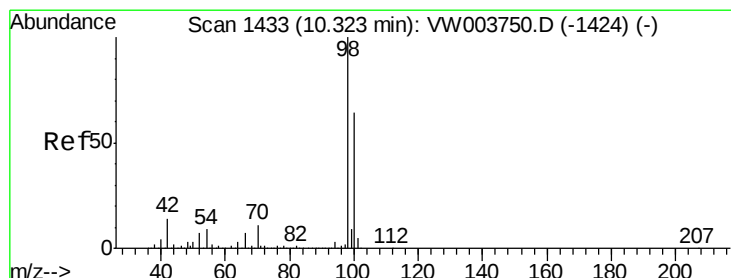
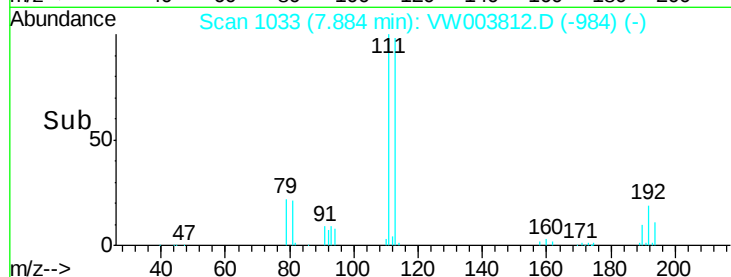
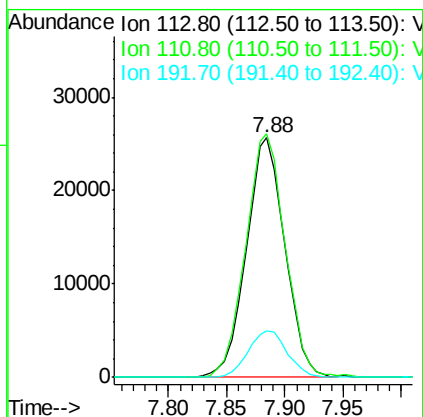
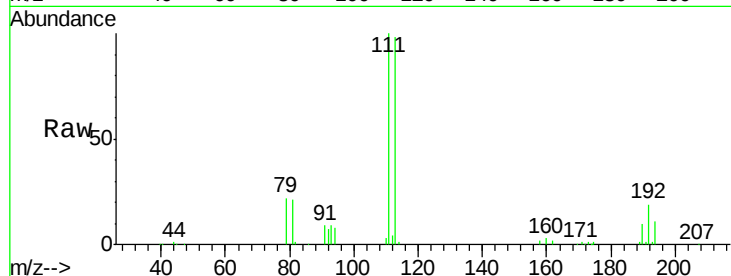




#35
 Dibromofluoromethane
 Concen: 49.042 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003812.D
 Acq: 10 Jul 2018 08:02

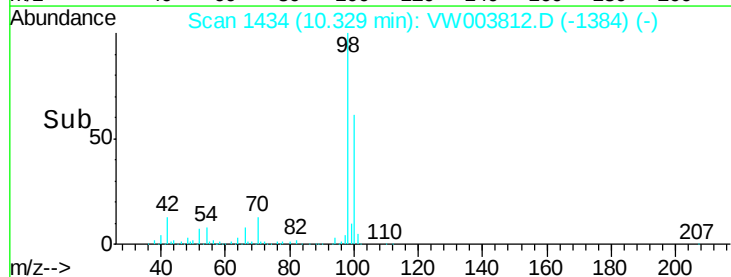
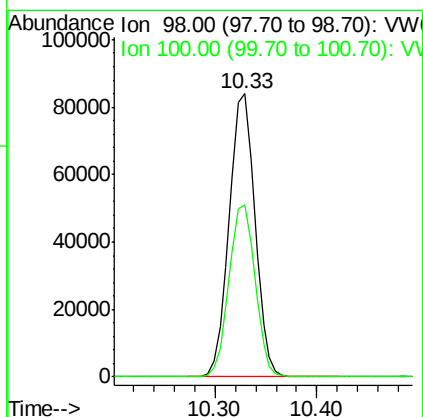
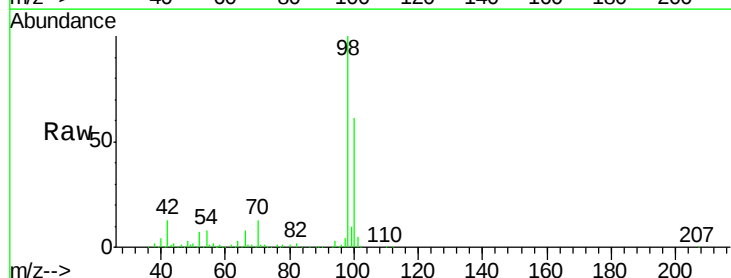
Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-16

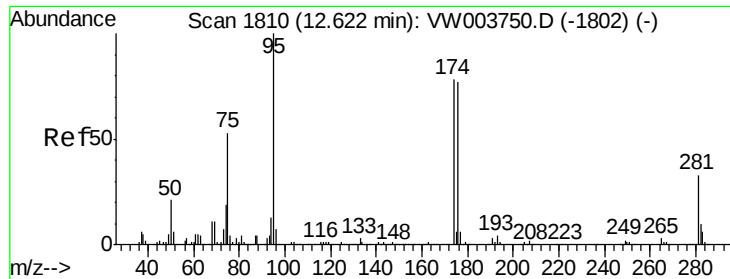
Tot Ion:113 Resp: 59011
 Ion Ratio Lower Upper
 113 100
 111 104.1 81.7 122.5
 192 19.6 15.8 23.8



#50
 Toluene-d8
 Concen: 31.970 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: VW003812.D
 Acq: 10 Jul 2018 08:02

Tgt Ion: 98 Resp: 147151
 Ion Ratio Lower Upper
 98 100
 100 61.6 50.8 76.2





#62

4-Bromofluorobenzene

Concen: 21.473 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003812.D

Acq: 10 Jul 2018 08:02

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-16

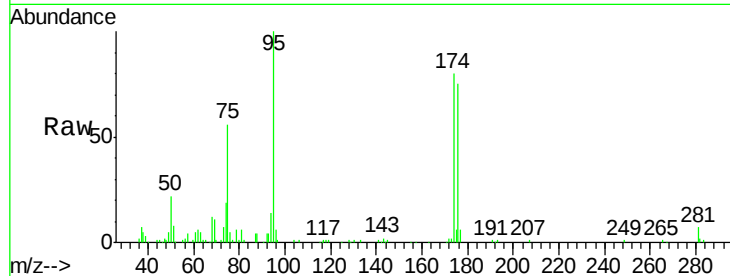
Tot Ion: 95 Resp: 35760

Ion Ratio Lower Upper

95 100

174 85.2 0.0 163.4

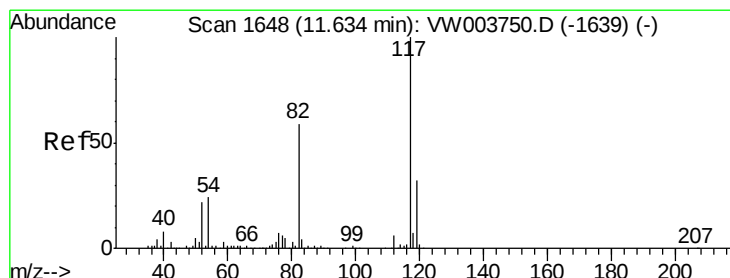
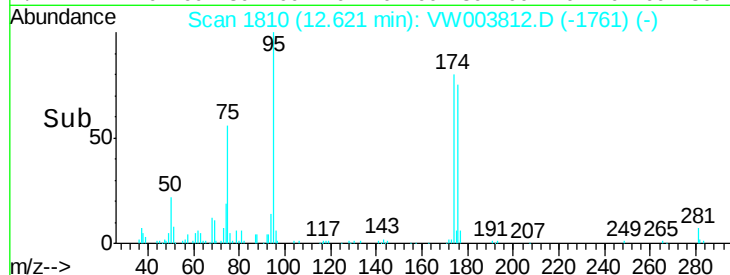
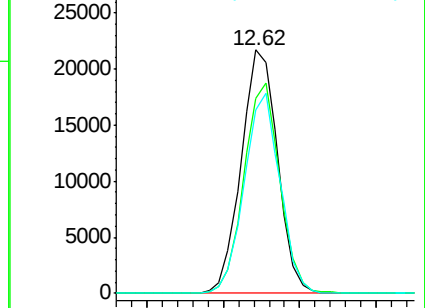
176 81.1 0.0 156.8



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: 50.000 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VW003812.D

Acq: 10 Jul 2018 08:02

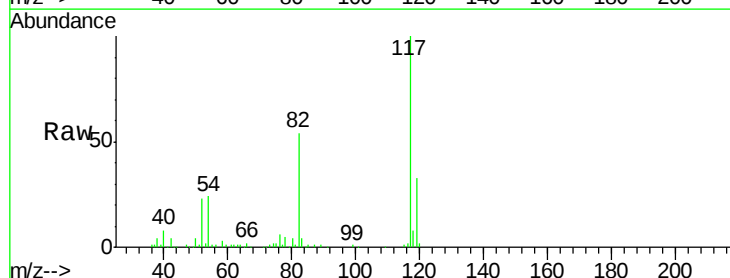
Tgt Ion: 117 Resp: 127320

Ion Ratio Lower Upper

117 100

82 54.3 46.9 70.3

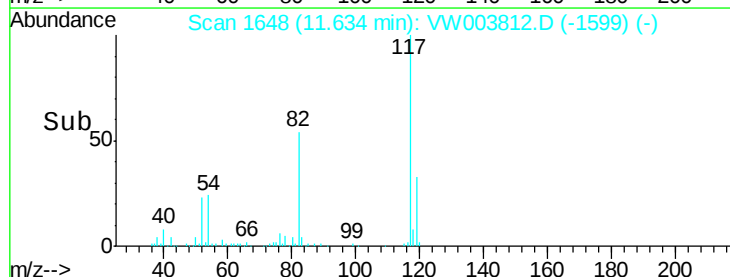
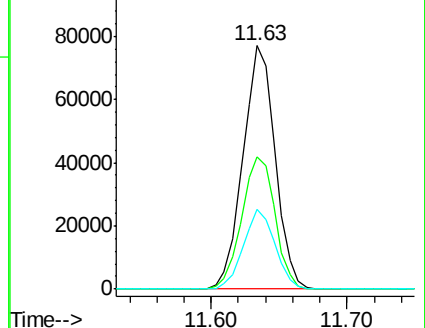
119 32.9 25.5 38.3

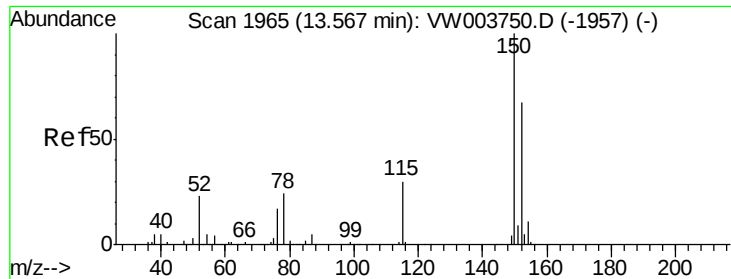


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW003812.D

Acq: 10 Jul 2018 08:02

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-16

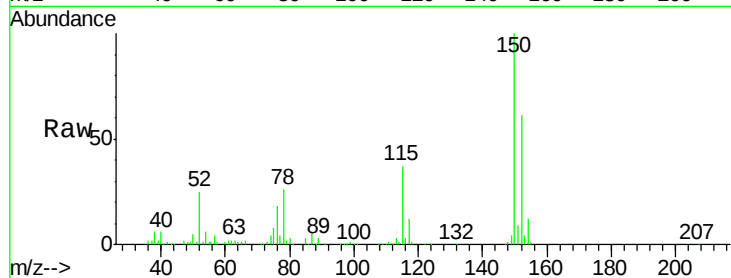
Tot Ion:152 Resp: 35609

Ion Ratio Lower Upper

152 100

115 58.8 28.9 86.8

150 158.7 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

