

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070918\
 Data File : VW003804.D
 Acq On : 10 Jul 2018 04:33
 Operator : SY/AP
 Sample : J3879-16
 Misc : 5.81G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-8

Quant Time: Jul 10 06:58:55 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

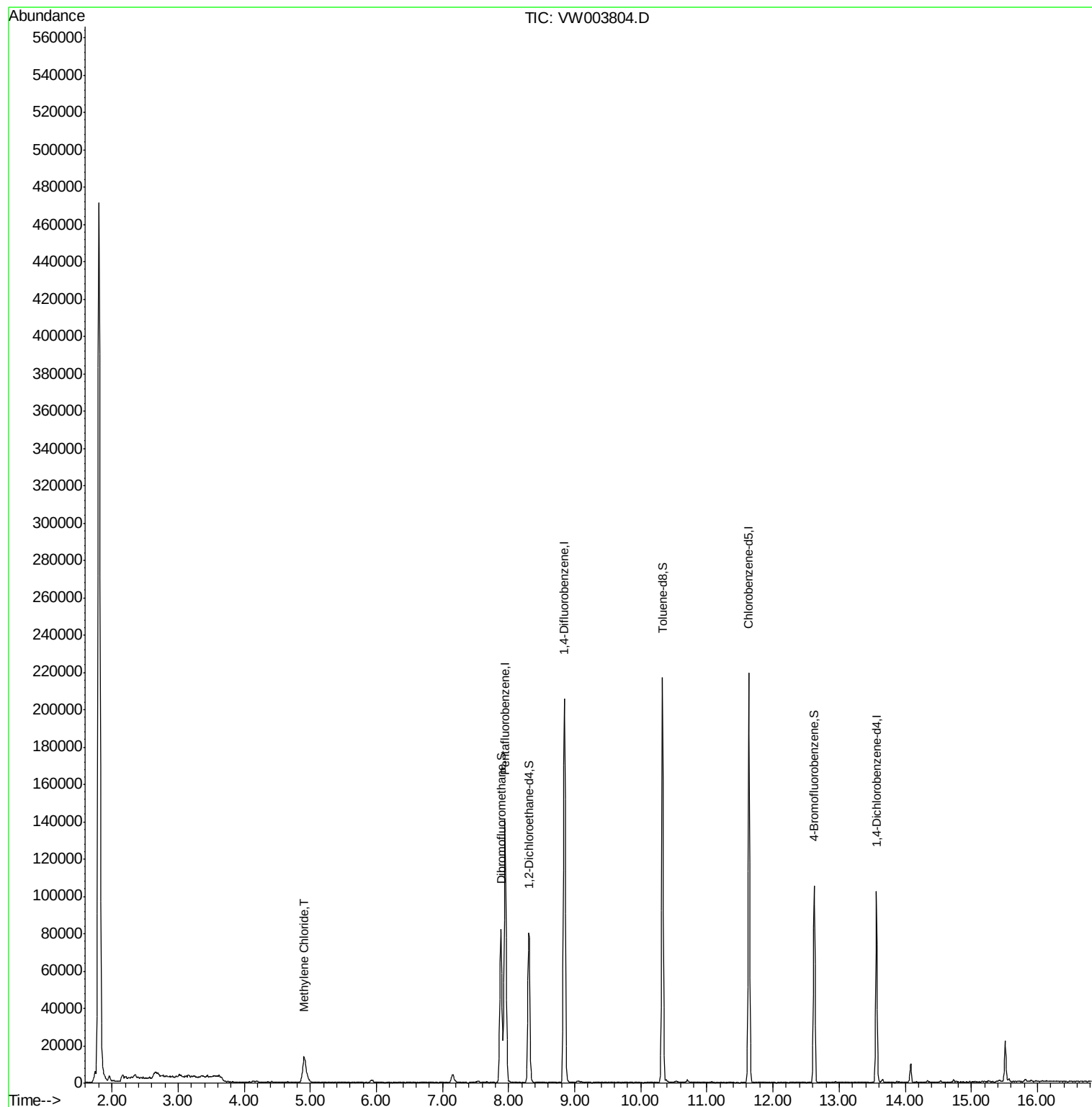
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	100836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	160294	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	111688	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	25065	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	64432	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
35) Dibromofluoromethane	7.88	113	57778	51.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.00%	
50) Toluene-d8	10.33	98	140839	32.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.64%	
62) 4-Bromofluorobenzene	12.62	95	30986	19.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	39.92%	
Target Compounds						
20) Methylene Chloride	4.91	84	12708	7.687	ug/l	Qvalue 86

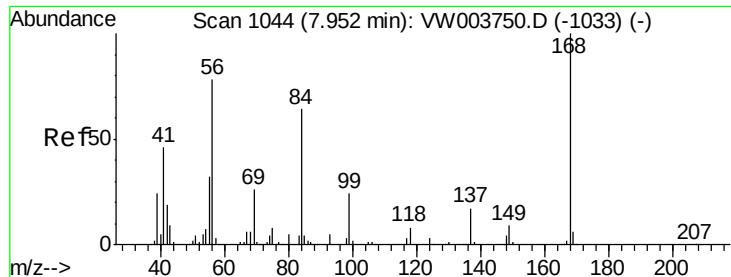
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW003804.D

Acq: 10 Jul 2018 04:33

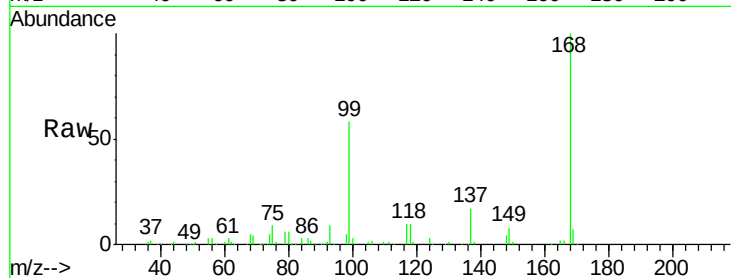
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-8

Tot Ion:168 Resp: 100836

Ion Ratio Lower Upper

168 100

99 57.6 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

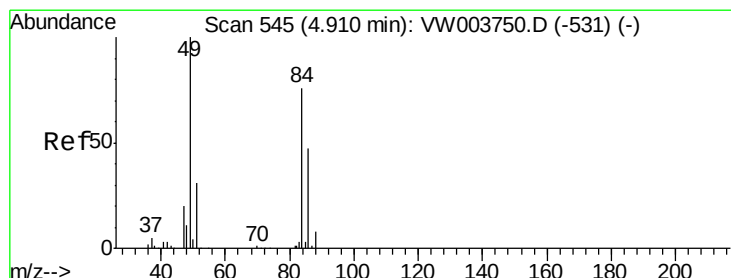
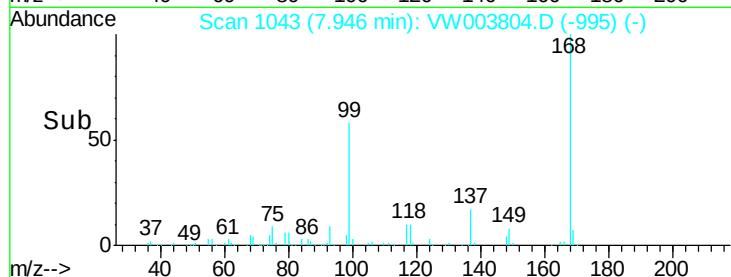
20000

10000

0

7.90 8.00

Time-->



#20

Methylene Chloride

Concen: 7.687 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW003804.D

Acq: 10 Jul 2018 04:33

Tgt Ion: 84 Resp: 12708

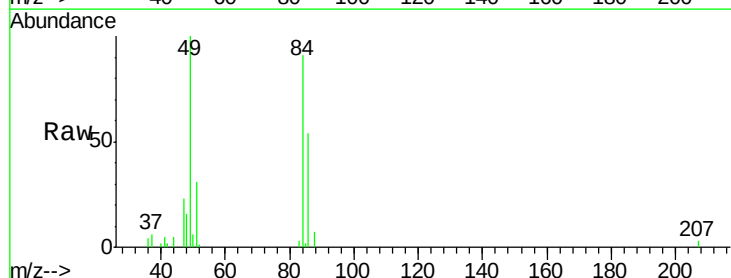
Ion Ratio Lower Upper

84 100

49 108.3 105.1 157.7

51 33.9 32.5 48.7

86 59.2 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

6000

5000

4000

3000

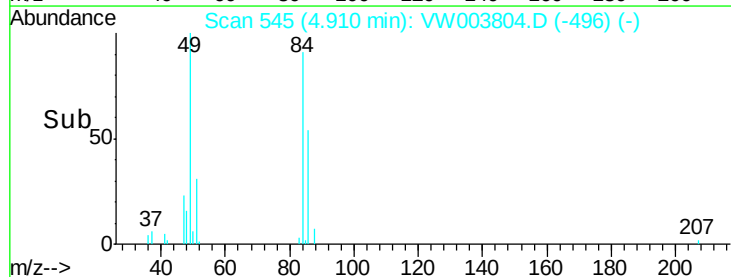
2000

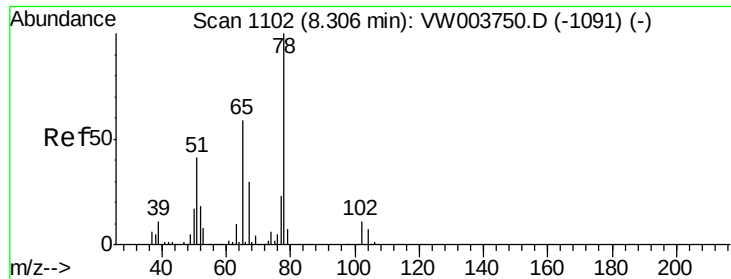
1000

0

4.80 4.90 5.00 5.10

Time-->

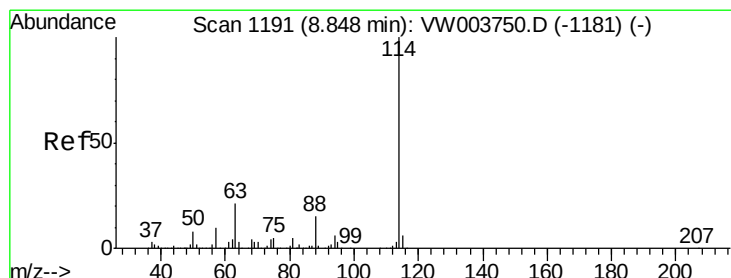
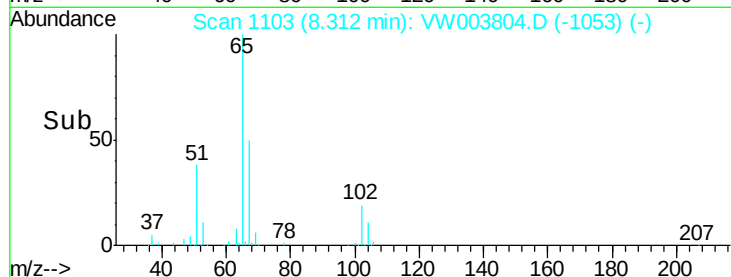
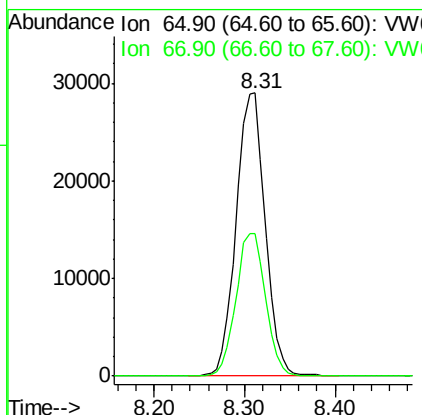
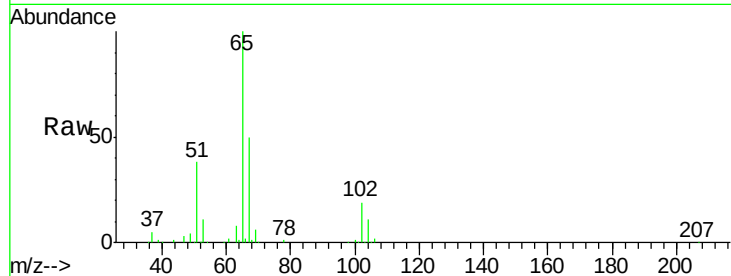




#33
 1,2-Dichloroethane-d4
 Concen: 48.862 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW003804.D
 Acq: 10 Jul 2018 04:33

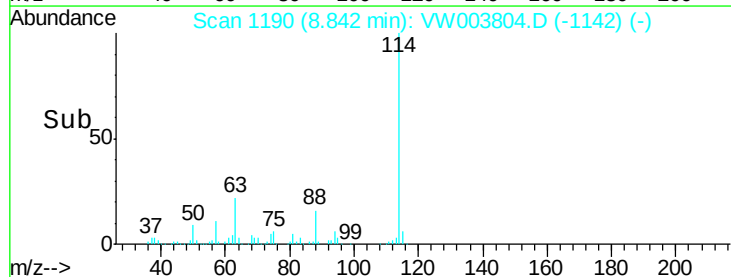
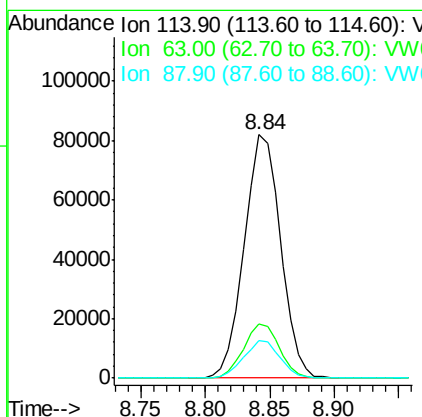
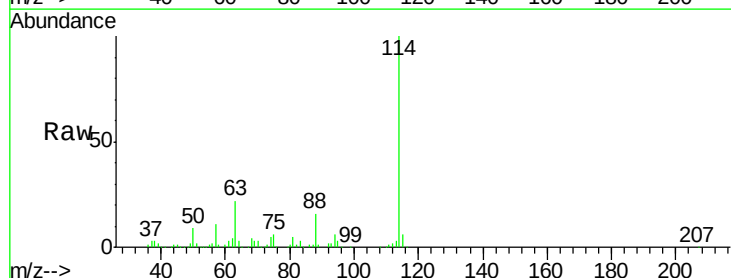
Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-8

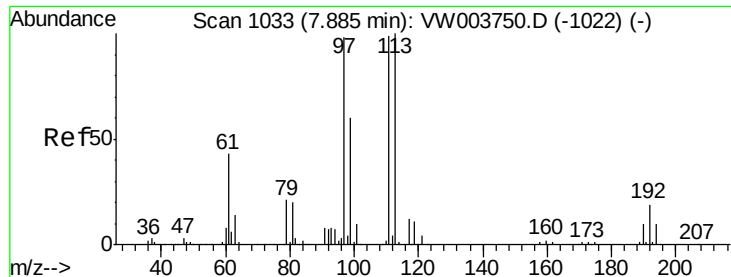
Tot Ion: 65 Resp: 64432
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW003804.D
 Acq: 10 Jul 2018 04:33

Tgt Ion: 114 Resp: 160294
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 41.8
 88 15.6 0.0 30.2

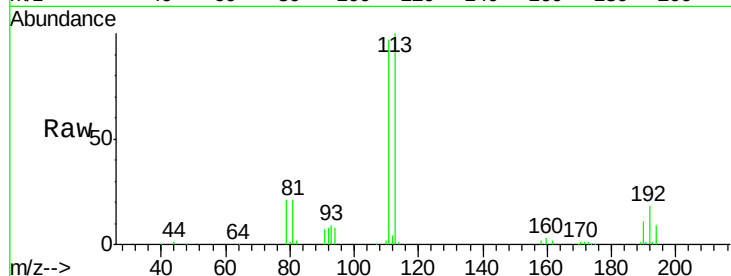




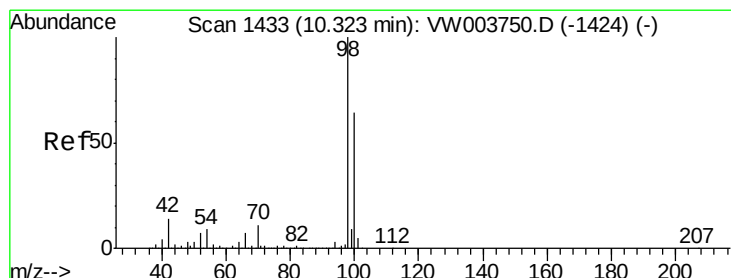
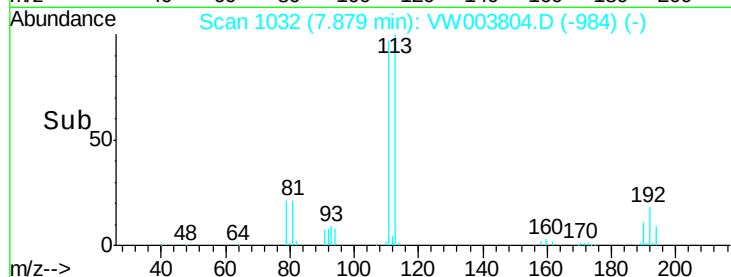
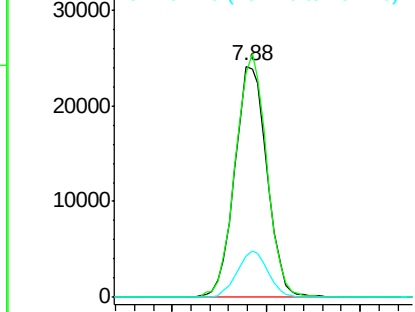
#35
Dibromofluoromethane
Concen: 51.501 ug/l
RT: 7.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: VW003804.D
Acq: 10 Jul 2018 04:33

Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-8

Tot Ion:113 Resp: 57778
Ion Ratio Lower Upper
113 100
111 102.3 81.7 122.5
192 19.1 15.8 23.8

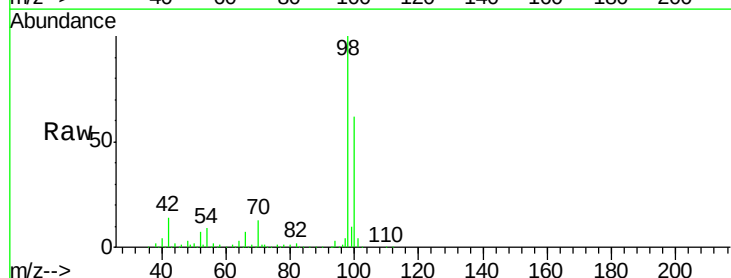


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

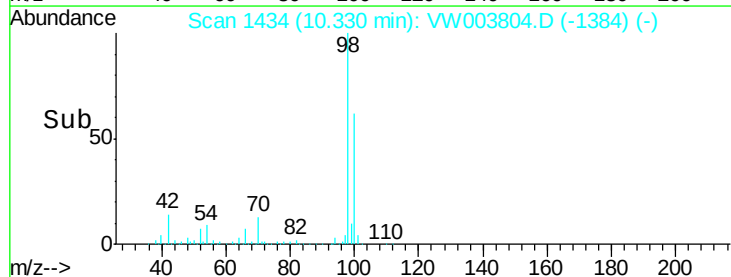
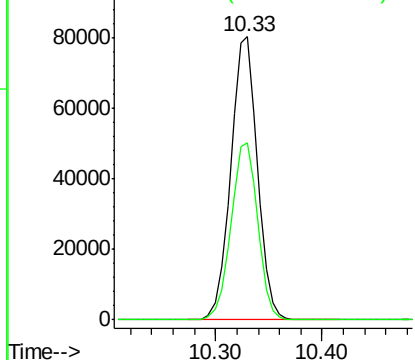


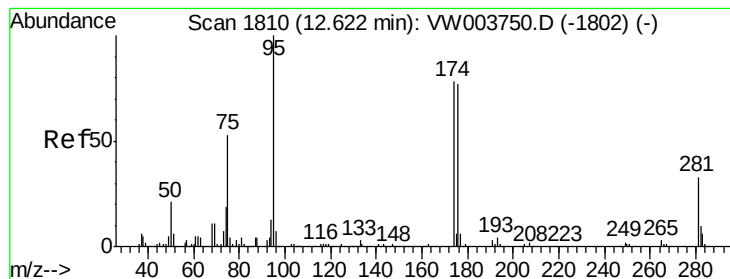
#50
Toluene-d8
Concen: 32.819 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VW003804.D
Acq: 10 Jul 2018 04:33

Tgt Ion: 98 Resp: 140839
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: 19.956 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003804.D

Acq: 10 Jul 2018 04:33

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-8

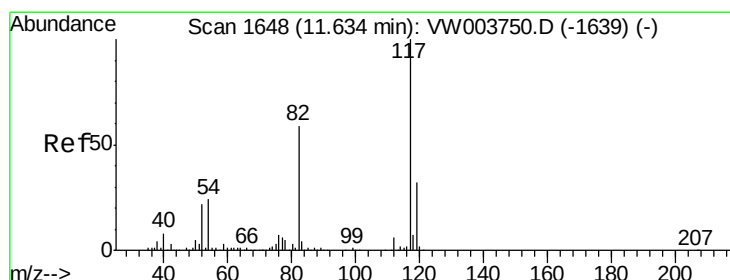
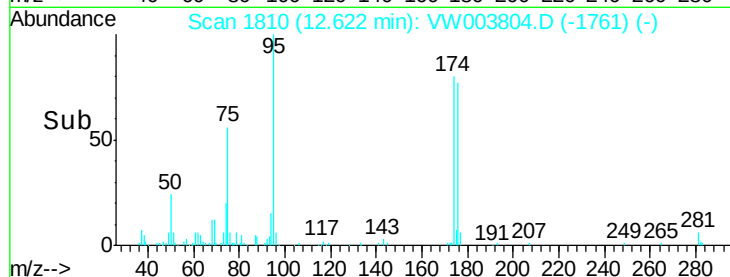
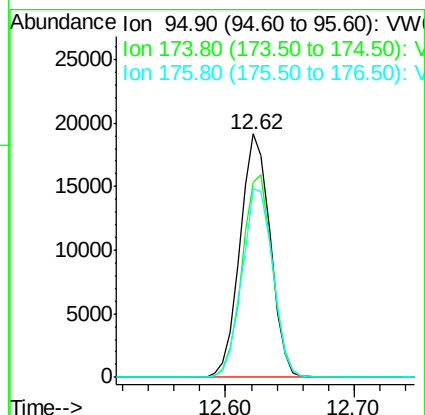
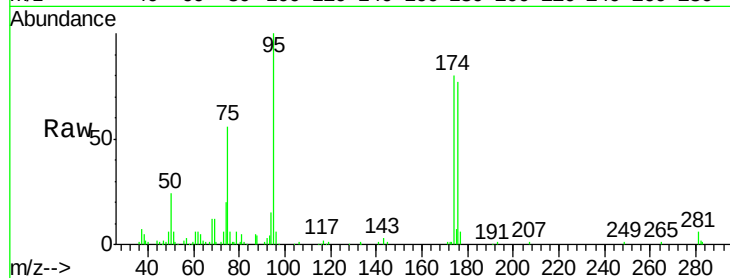
Tot Ion: 95 Resp: 30986

Ion Ratio Lower Upper

95 100

174 83.2 0.0 163.4

176 79.3 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: VW003804.D

Acq: 10 Jul 2018 04:33

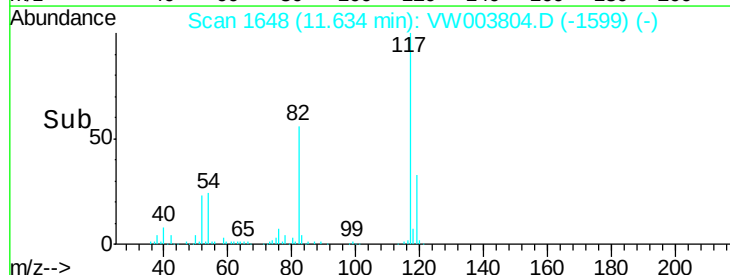
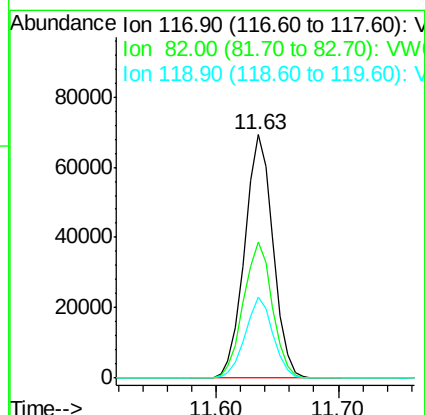
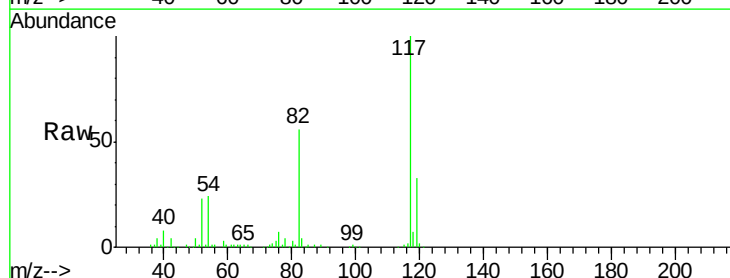
Tgt Ion: 117 Resp: 111688

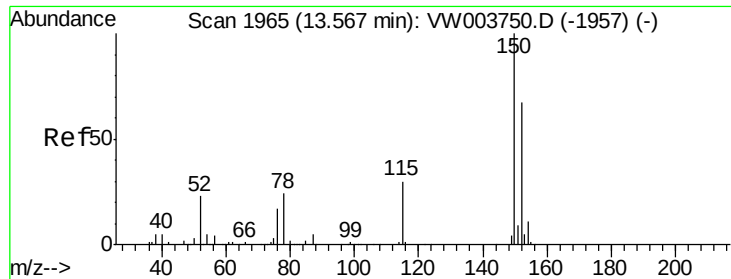
Ion Ratio Lower Upper

117 100

82 56.1 46.9 70.3

119 33.5 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: VW003804.D

Acq: 10 Jul 2018 04:33

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-8

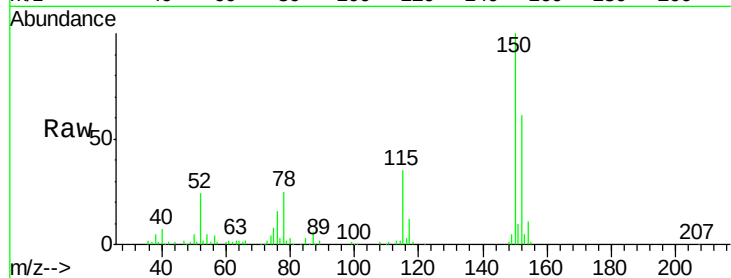
Tot Ion:152 Resp: 25065

Ion Ratio Lower Upper

152 100

115 59.7 28.9 86.8

150 162.6 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

