

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003835.D
 Acq On : 10 Jul 2018 19:33
 Operator : SY/AP
 Sample : J3879-12RE
 Misc : 5.27G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-6RE

Quant Time: Jul 11 05:26:17 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

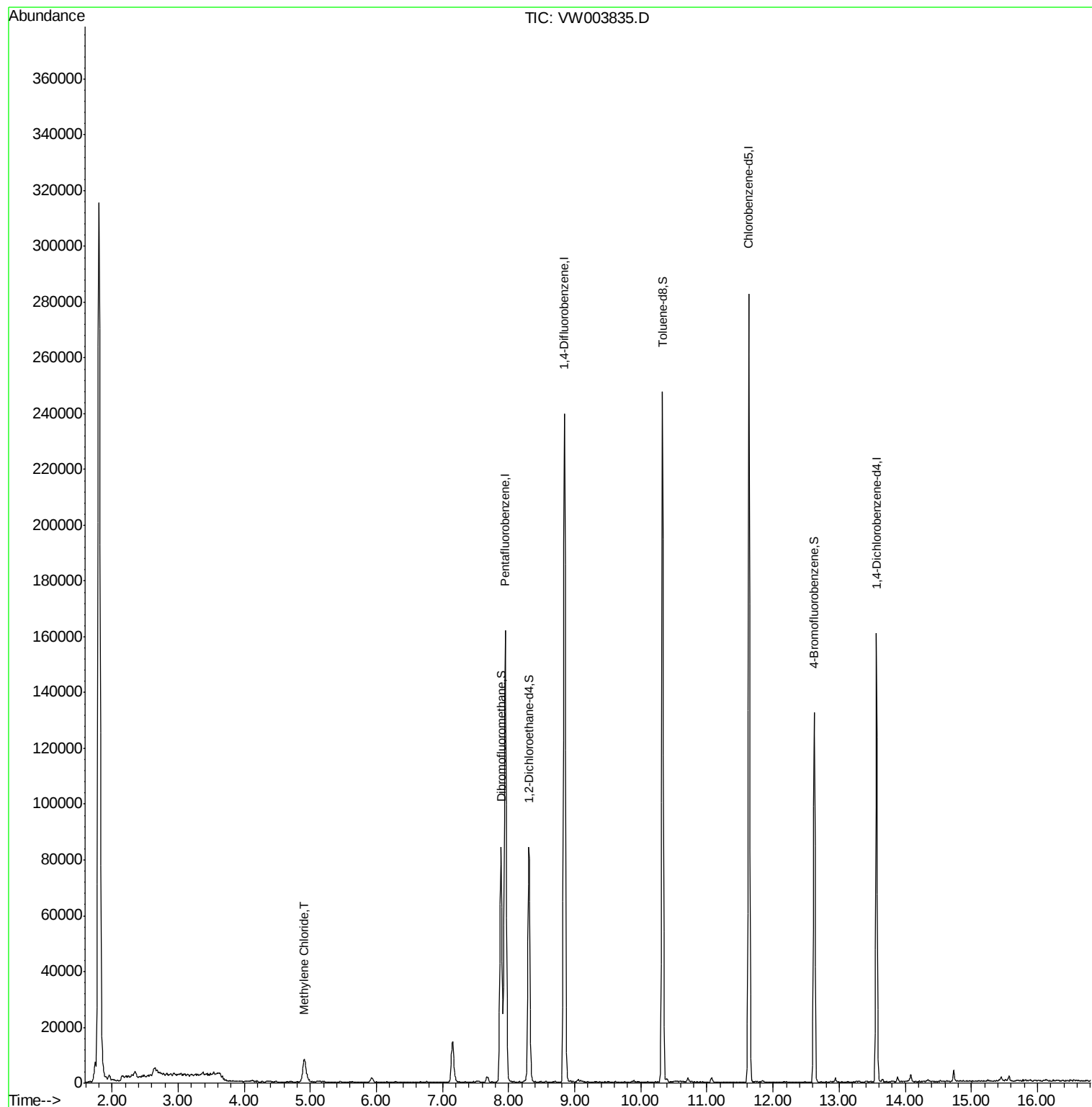
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	116522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	190116	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	147560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	40376	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	66978	43.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.90%	
35) Dibromofluoromethane	7.88	113	58268	43.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.58%	
50) Toluene-d8	10.33	98	163776	32.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.36%	
62) 4-Bromofluorobenzene	12.62	95	39003	21.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	42.36%	
Target Compounds						
20) Methylene Chloride	4.90	84	7171	1.29	ug/l	Qvalue # 85

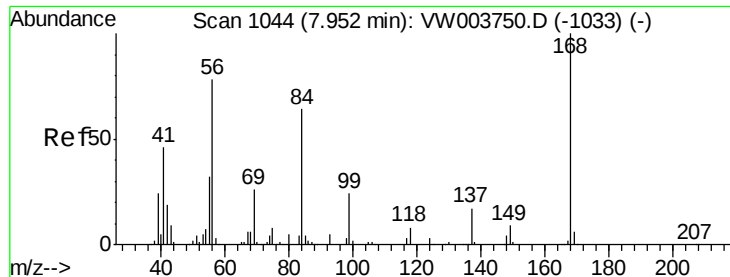
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003835.D

Acq: 10 Jul 2018 19:33

Instrument :

MSVOA_W

ClientSampleId :

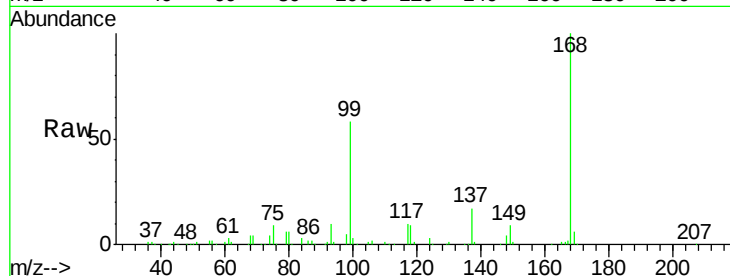
SURCHARGE-SP-6RE

Tot Ion:168 Resp: 116522

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

7.95

60000

50000

40000

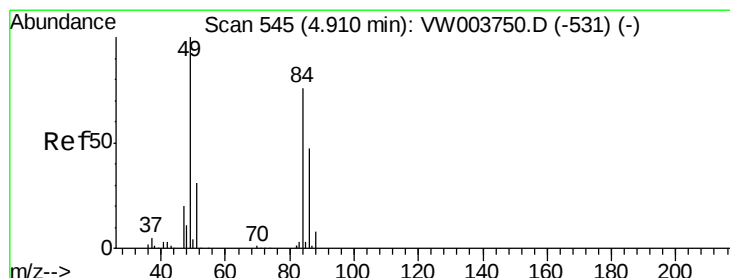
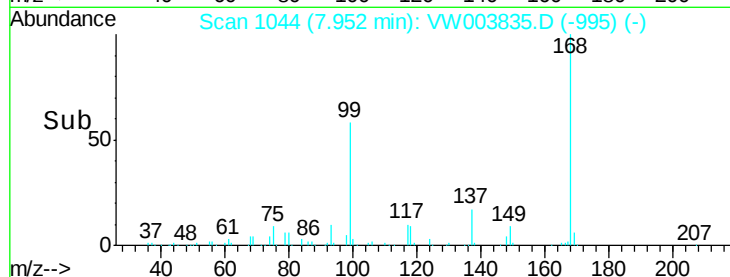
30000

20000

10000

0

Time-->



#20

Methylene Chloride

Concen: 1.29 ug/l

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW003835.D

Acq: 10 Jul 2018 19:33

Tgt Ion: 84 Resp: 7171

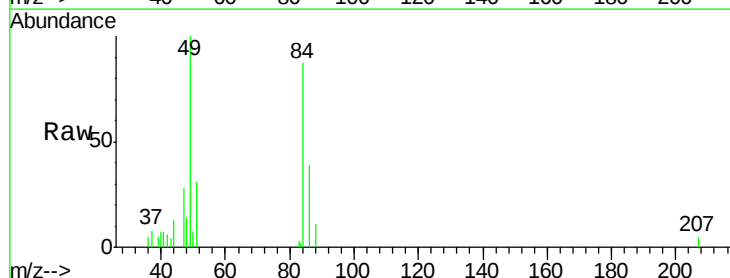
Ion Ratio Lower Upper

84 100

49 115.0 105.1 157.7

51 35.2 32.5 48.7

86 44.5 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

4.90

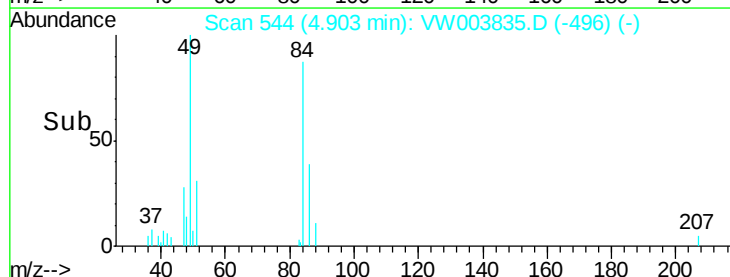
3000

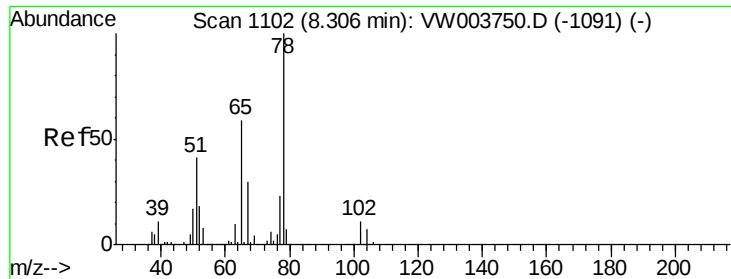
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 43.95 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW003835.D

Acq: 10 Jul 2018 19:33

Instrument :

MSVOA_W

ClientSampleId :

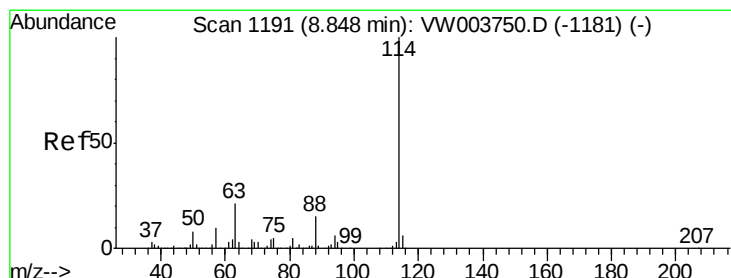
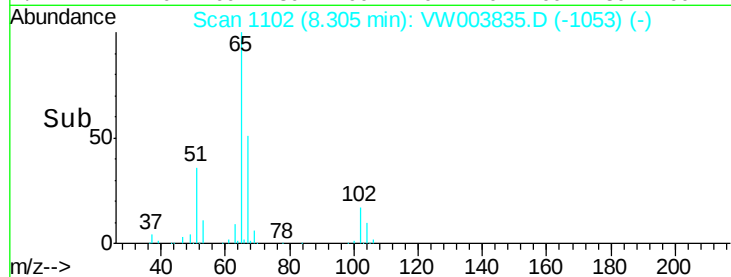
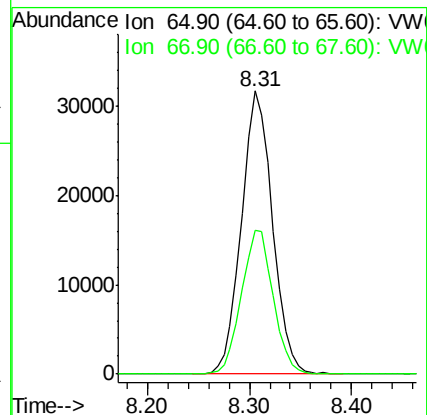
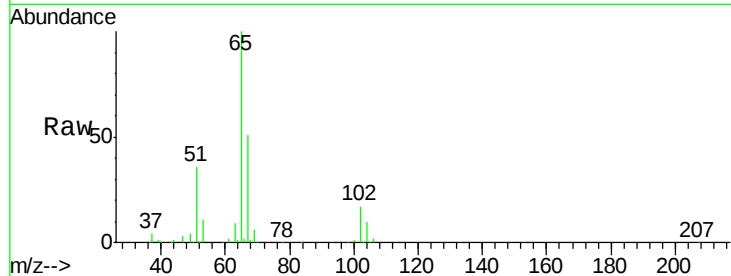
SURCHARGE-SP-6RE

Tot Ion: 65 Resp: 66978

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW003835.D

Acq: 10 Jul 2018 19:33

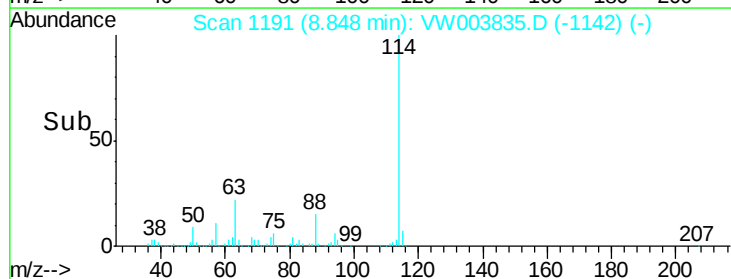
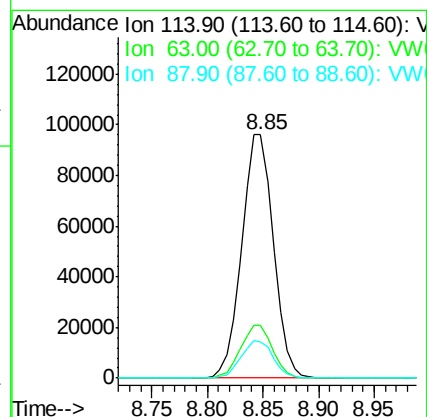
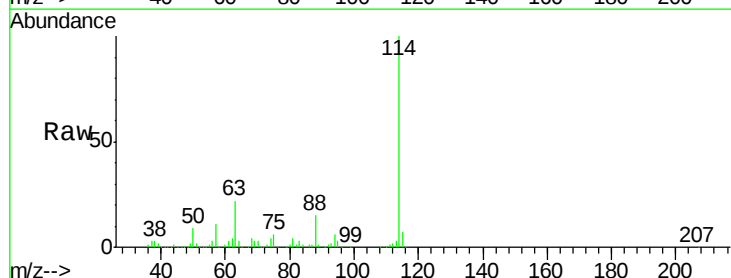
Tgt Ion: 114 Resp: 190116

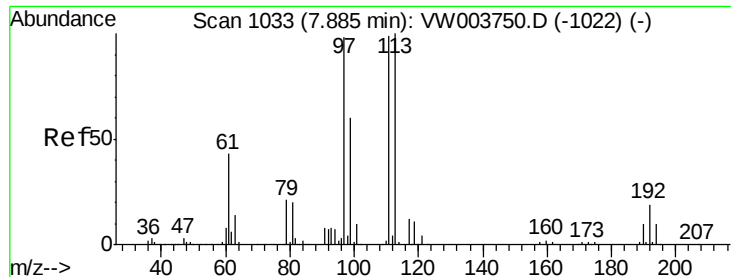
Ion Ratio Lower Upper

114 100

63 21.8 0.0 41.8

88 15.0 0.0 30.2

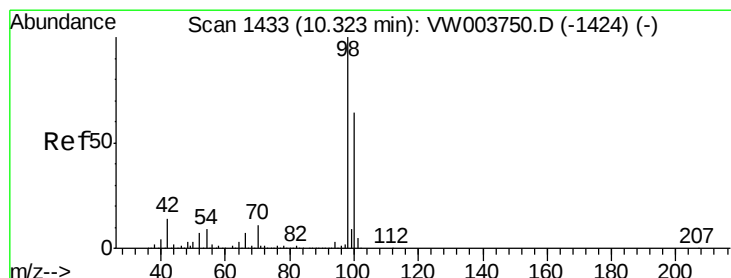
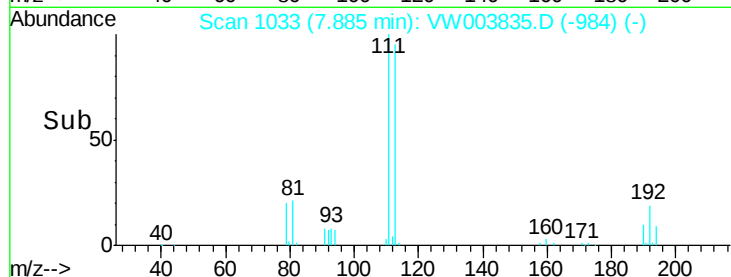
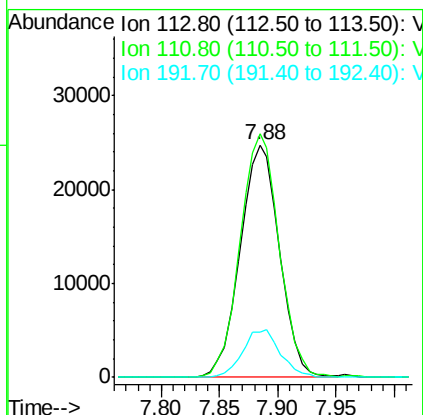
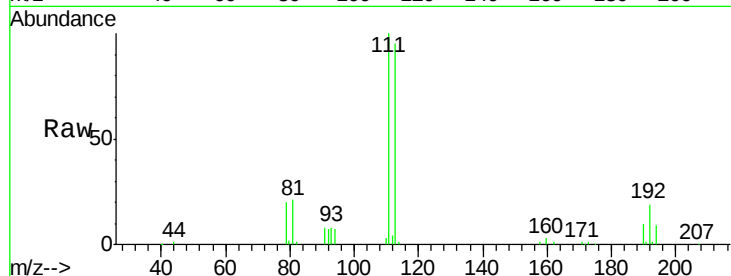




#35
 Dibromofluoromethane
 Concen: 43.79 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003835.D
 Acq: 10 Jul 2018 19:33

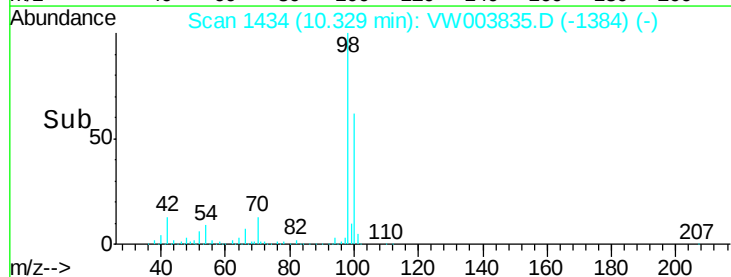
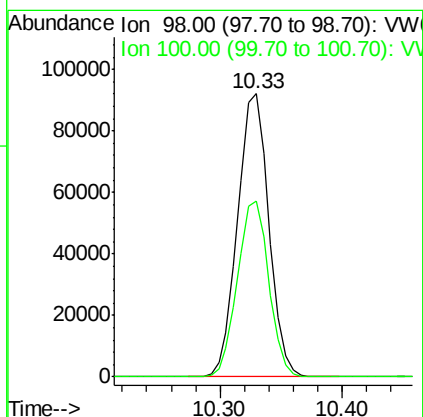
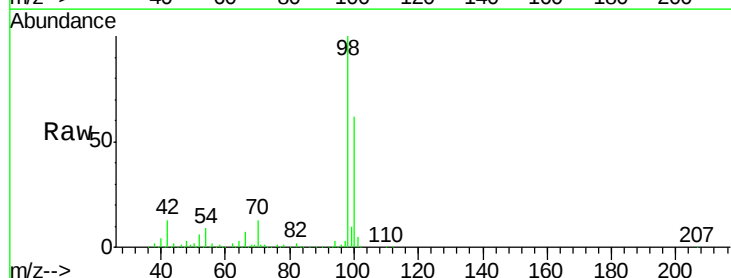
Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-6RE

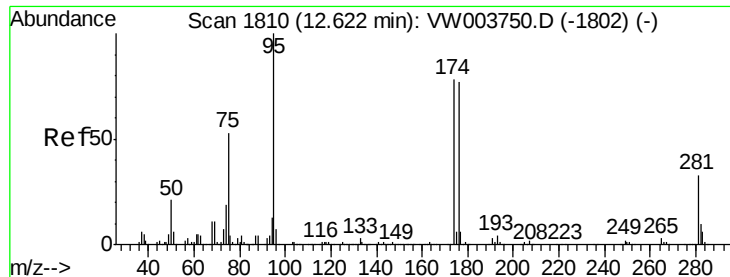
Tot Ion:113 Resp: 58268
 Ion Ratio Lower Upper
 113 100
 111 104.1 81.7 122.5
 192 19.6 15.8 23.8



#50
 Toluene-d8
 Concen: 32.18 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: VW003835.D
 Acq: 10 Jul 2018 19:33

Tgt Ion: 98 Resp: 163776
 Ion Ratio Lower Upper
 98 100
 100 62.1 50.8 76.2

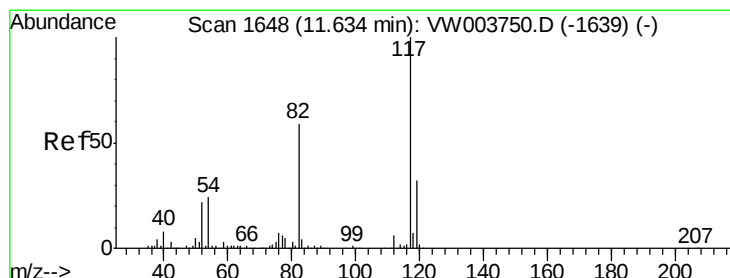
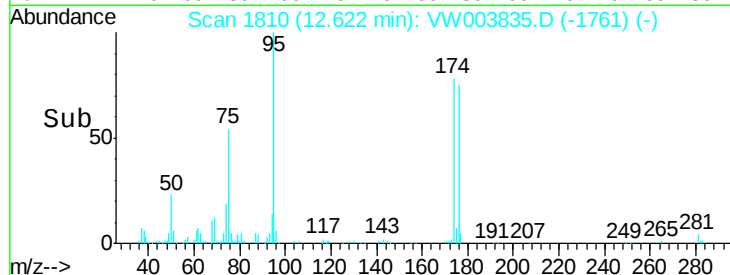
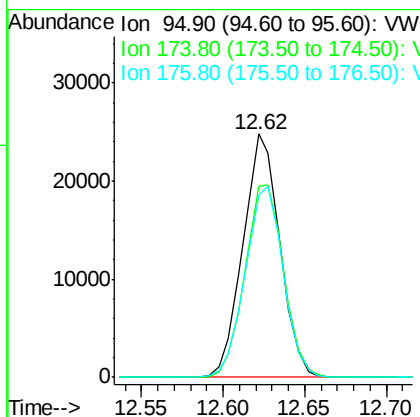
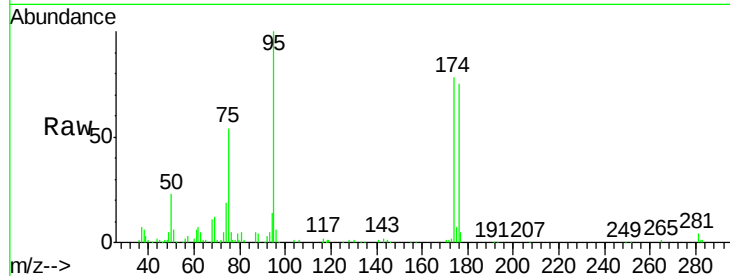




#62
4-Bromofluorobenzene
Concen: 21.18 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW003835.D
Acq: 10 Jul 2018 19:33

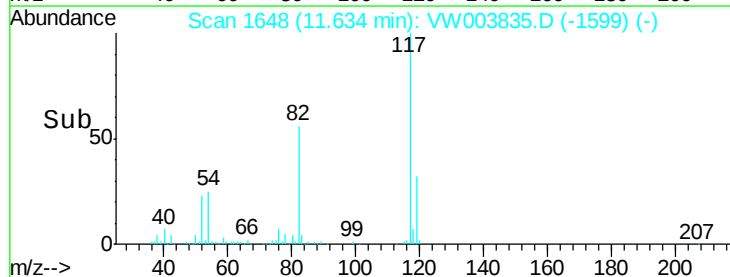
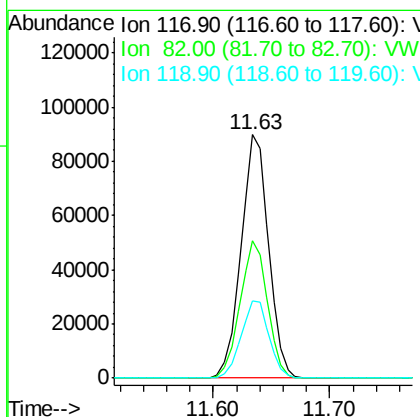
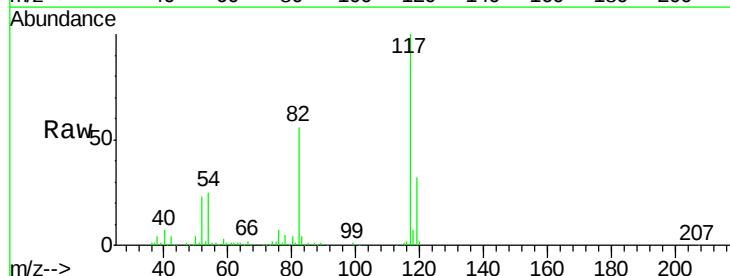
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-6RE

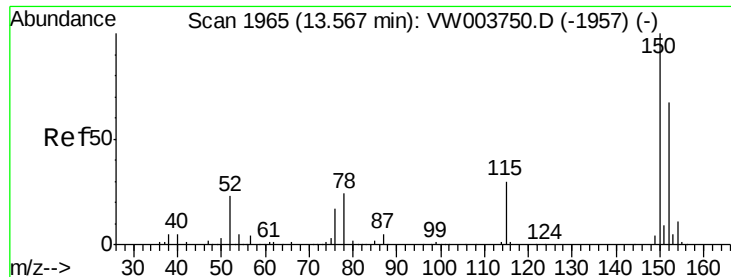
Tot Ion: 95 Resp: 39003
Ion Ratio Lower Upper
95 100
174 83.0 0.0 163.4
176 80.6 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003835.D
Acq: 10 Jul 2018 19:33

Tgt Ion: 117 Resp: 147560
Ion Ratio Lower Upper
117 100
82 56.2 46.9 70.3
119 31.6 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003835.D

Acq: 10 Jul 2018 19:33

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-6RE

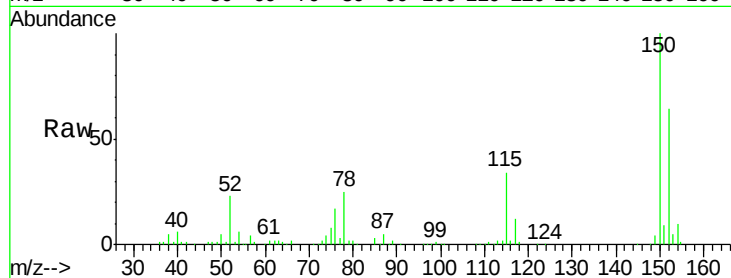
Tot Ion:152 Resp: 40376

Ion Ratio Lower Upper

152 100

115 57.0 28.9 86.8

150 154.8 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

