

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071318\
 Data File : VW003940.D
 Acq On : 14 Jul 2018 02:13
 Operator : VA/AP
 Sample : J3943-01
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C-1

Quant Time: Jul 14 04:23:16 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	201574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	353572	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	316672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	145372	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	137870	52.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.60%	
35) Dibromofluoromethane	7.88	113	117199	47.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.72%	
50) Toluene-d8	10.33	98	412163	43.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.08%	
62) 4-Bromofluorobenzene	12.62	95	141033	41.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.36%	

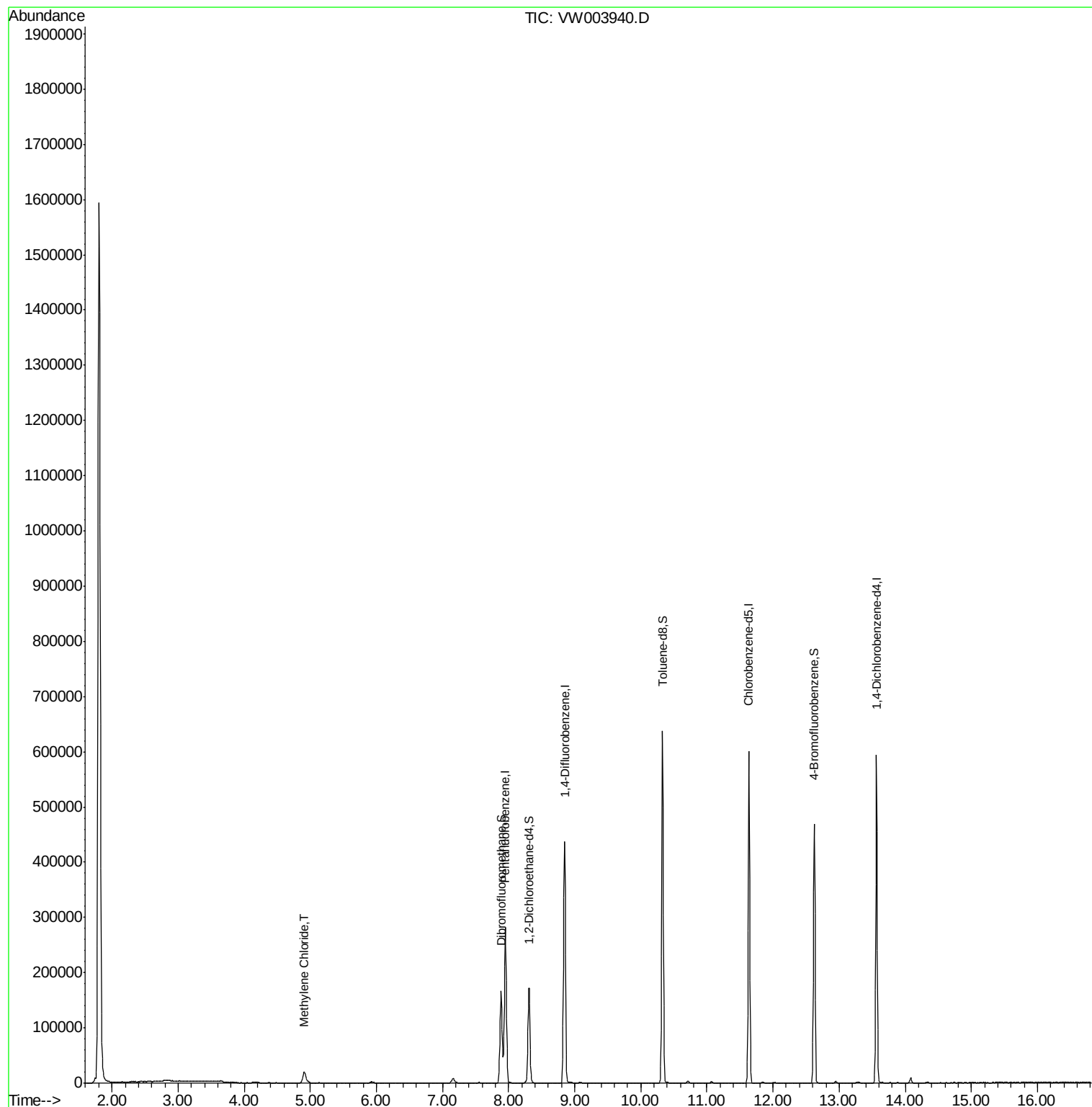
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.92	84	15560	2.85	ug/l	93

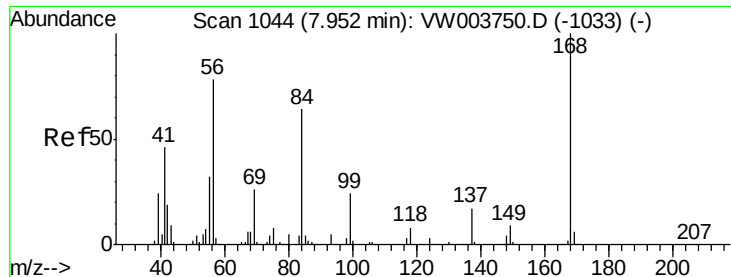
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW003940.D

Acq: 14 Jul 2018 02:13

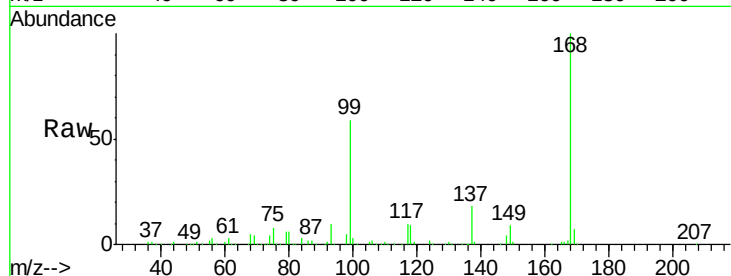
Instrument :
MSVOA_W
ClientSampleId :
C-1

Tot Ion:168 Resp: 201574

Ion Ratio Lower Upper

168 100

99 59.1 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

100000

80000

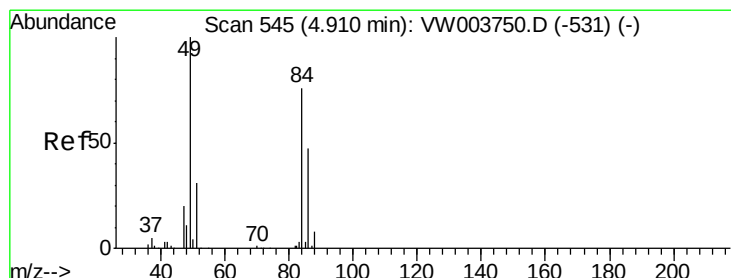
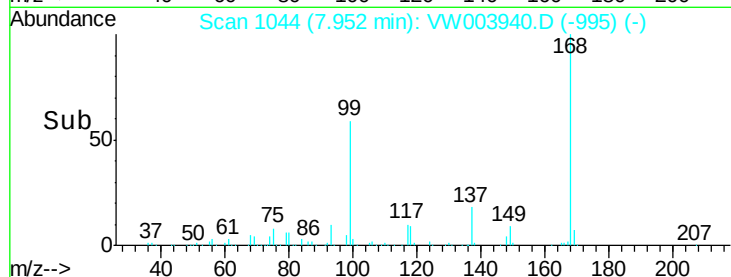
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 2.85 ug/l

RT: 4.92 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW003940.D

Acq: 14 Jul 2018 02:13

Tgt Ion: 84 Resp: 15560

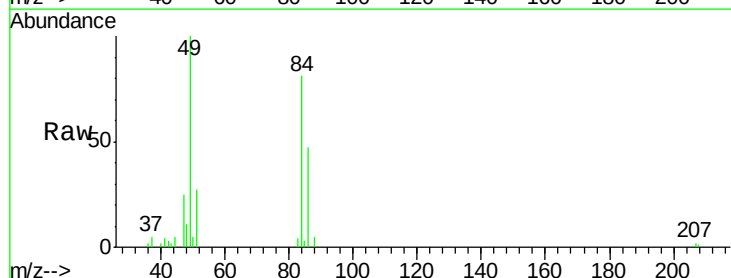
Ion Ratio Lower Upper

84 100

49 123.7 105.1 157.7

51 33.2 32.5 48.7

86 57.7 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

8000

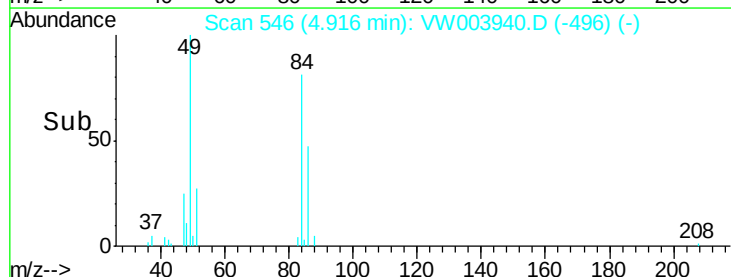
6000

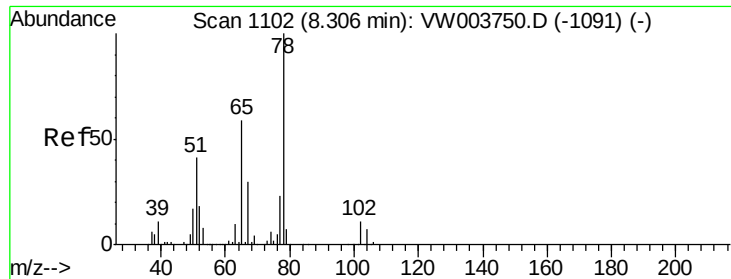
4000

2000

0

Time--> 4.80 4.90 5.00 5.10

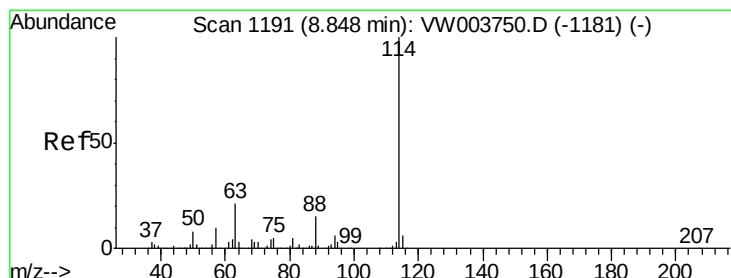
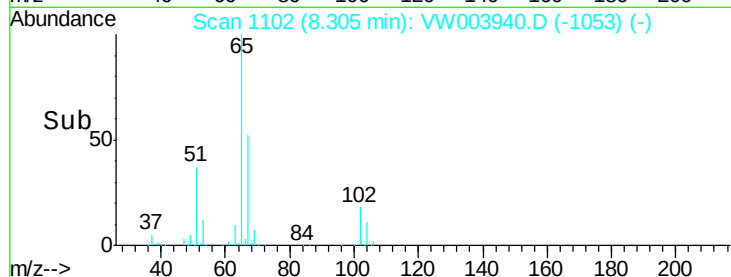
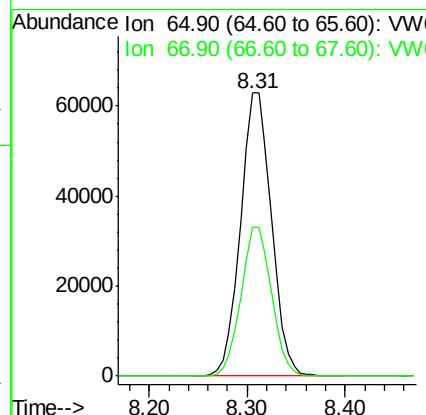
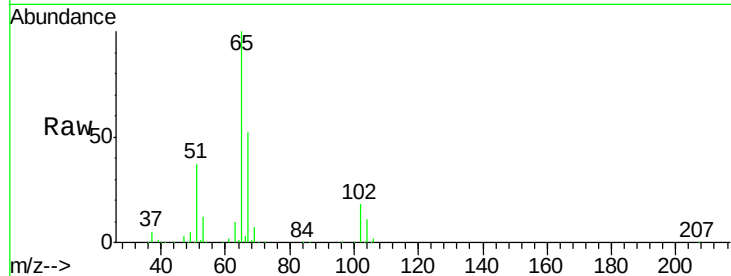




#33
 1,2-Dichloroethane-d4
 Concen: 52.30 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003940.D
 Acq: 14 Jul 2018 02:13

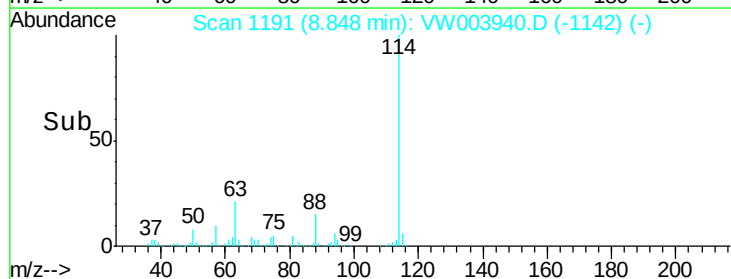
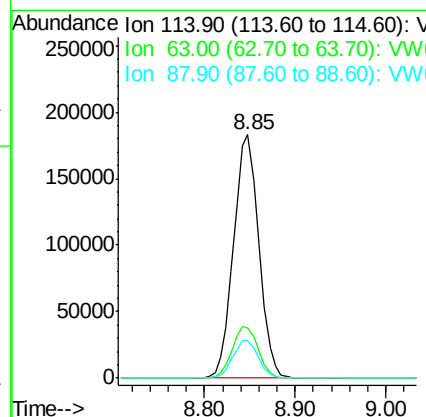
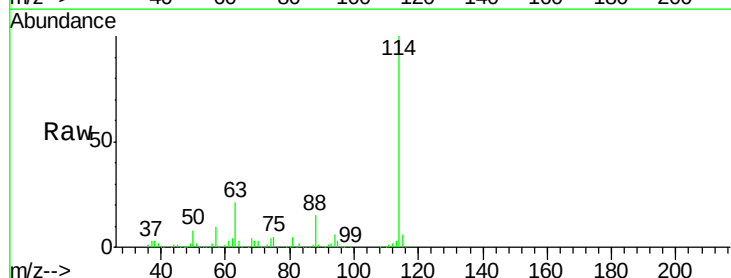
Instrument :
 MSVOA_W
 ClientSampleId :
 C-1

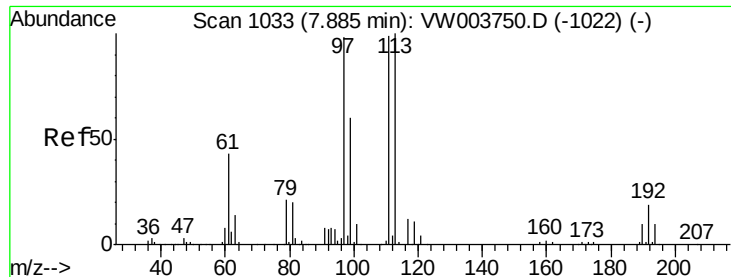
Tot Ion: 65 Resp: 137870
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003940.D
 Acq: 14 Jul 2018 02:13

Tgt Ion: 114 Resp: 353572
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 41.8
 88 15.5 0.0 30.2

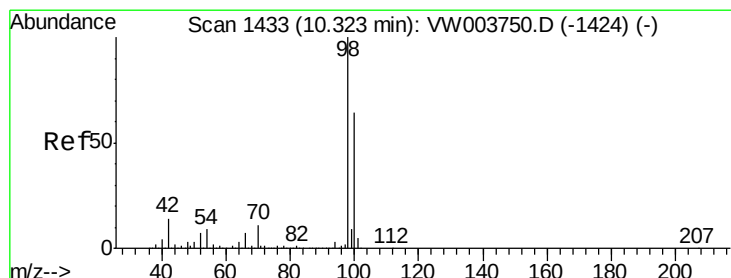
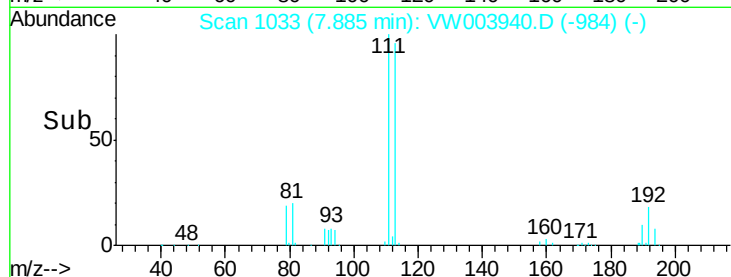
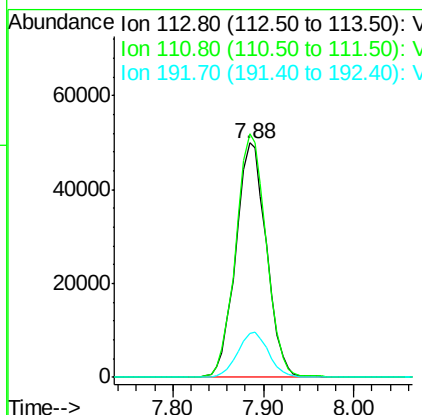
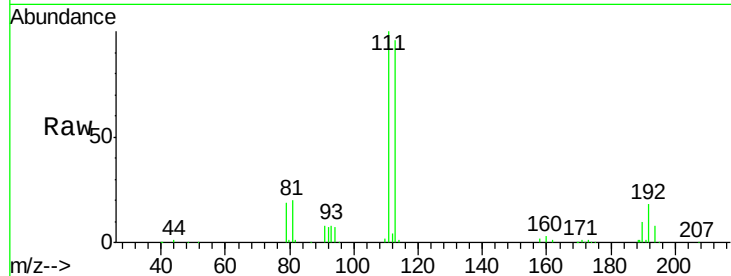




#35
 Dibromofluoromethane
 Concen: 47.36 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003940.D
 Acq: 14 Jul 2018 02:13

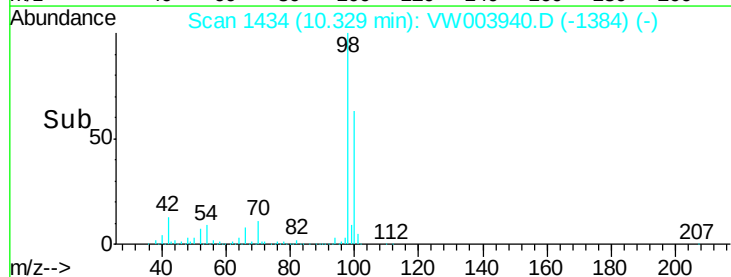
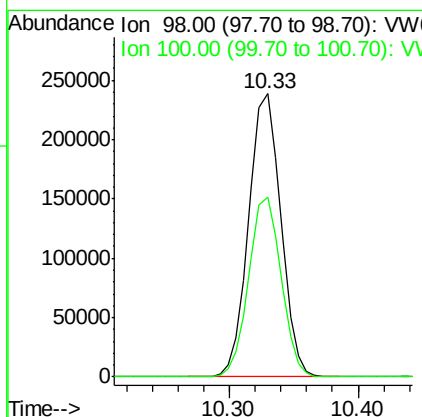
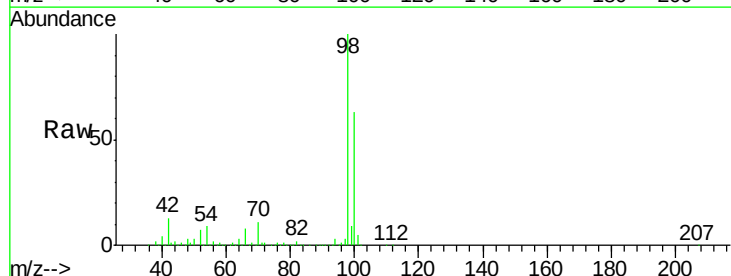
Instrument :
 MSVOA_W
 ClientSampleId :
 C-1

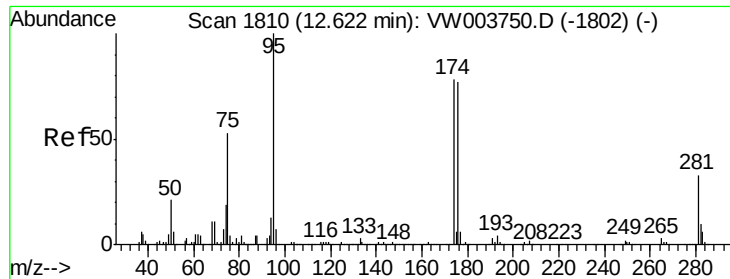
Tot Ion:113 Resp: 117199
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.7 122.5
 192 19.2 15.8 23.8



#50
 Toluene-d8
 Concen: 43.54 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: VW003940.D
 Acq: 14 Jul 2018 02:13

Tgt Ion: 98 Resp: 412163
 Ion Ratio Lower Upper
 98 100
 100 63.9 50.8 76.2





#62

4-Bromofluorobenzene

Concen: 41.18 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003940.D

Acq: 14 Jul 2018 02:13

Instrument :

MSVOA_W

ClientSampled :

C-1

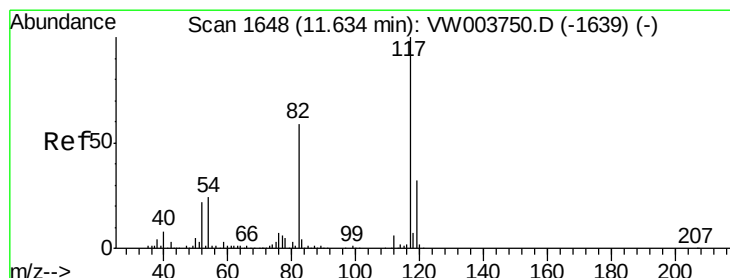
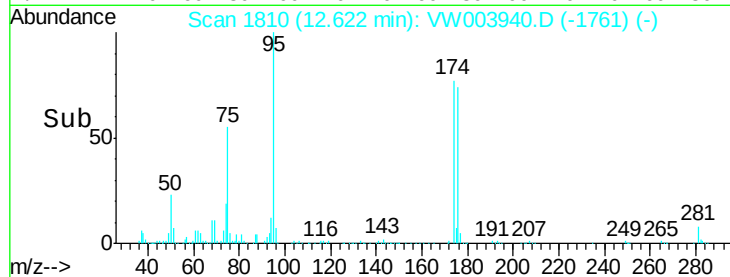
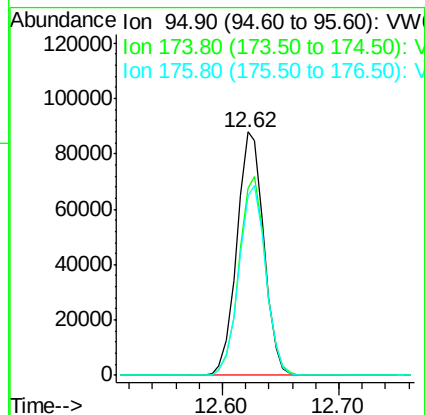
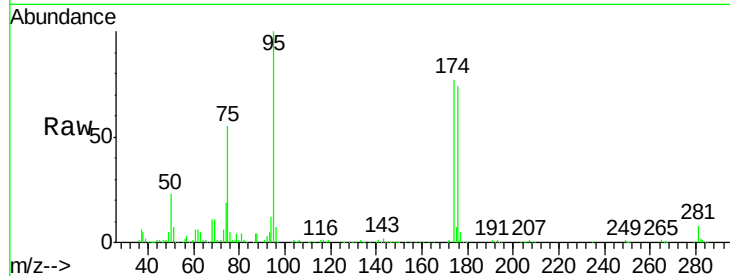
Tot Ion: 95 Resp: 141033

Ion Ratio Lower Upper

95 100

174 80.8 0.0 163.4

176 77.9 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: VW003940.D

Acq: 14 Jul 2018 02:13

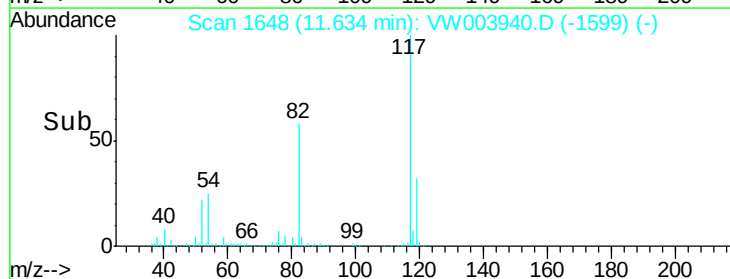
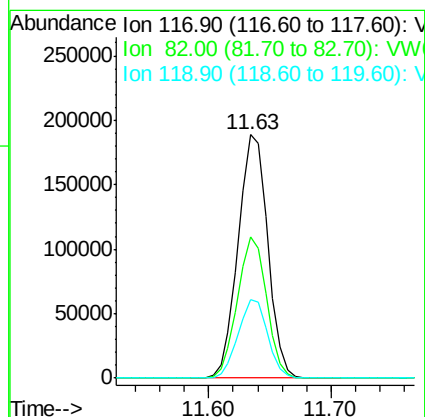
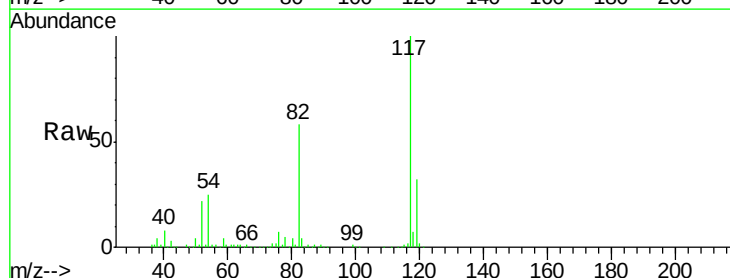
Tgt Ion: 117 Resp: 316672

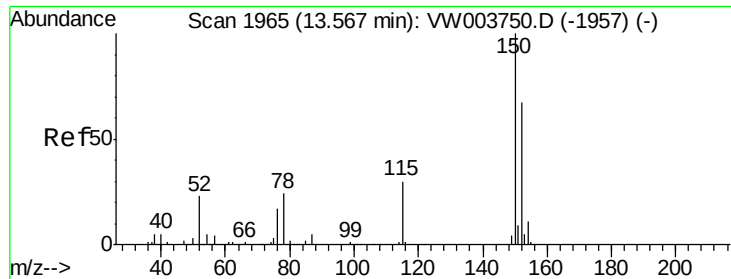
Ion Ratio Lower Upper

117 100

82 58.0 46.9 70.3

119 32.4 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: VW003940.D

Acq: 14 Jul 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

C-1

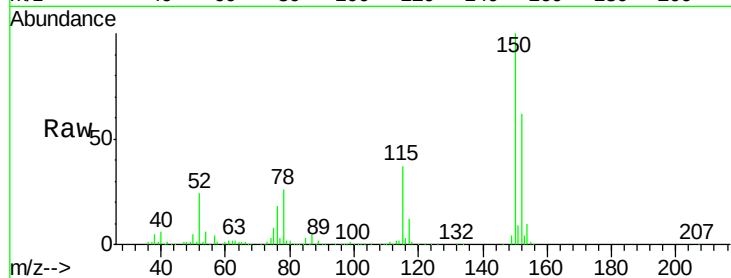
Tot Ion:152 Resp: 145372

Ion Ratio Lower Upper

152 100

115 59.2 28.9 86.8

150 160.2 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

