

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW004019.D
 Acq On : 18 Jul 2018 08:12
 Operator : VA/AP
 Sample : J3996-01RE
 Misc : 4.80G/5ML/MSVOA W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MH-1RE

Quant Time: Jul 18 08:36:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	150613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	270232	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	248823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	113767	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	111443	66.20	ug/l	0.00
Spiked Amount			Recovery	=	132.40%	
35) Dibromofluoromethane	7.88	113	95644	55.16	ug/l	0.00
Spiked Amount			Recovery	=	110.32%	
50) Toluene-d8	10.33	98	332013	49.35	ug/l	0.00
Spiked Amount			Recovery	=	98.70%	
62) 4-Bromofluorobenzene	12.63	95	109355	45.07	ug/l	0.00
Spiked Amount			Recovery	=	90.14%	

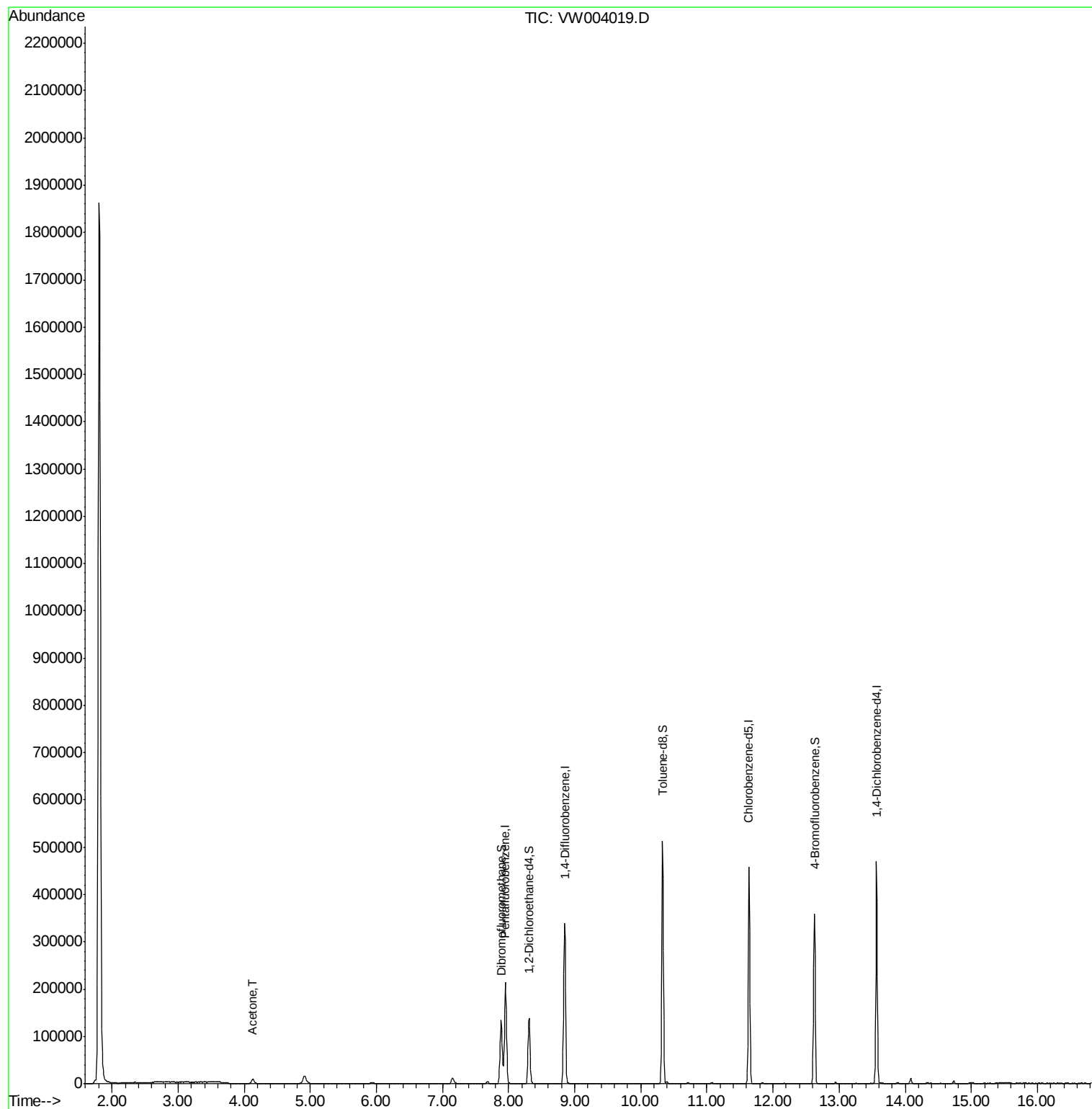
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	16182	40.00	ug/l	97

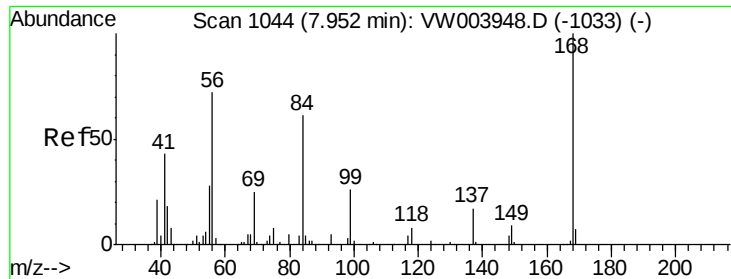
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW004019.D

Acq: 18 Jul 2018 08:12

Instrument :

MSVOA_W

ClientSampleId :

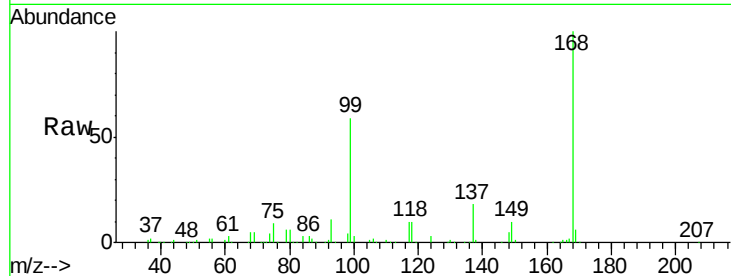
MH-1RE

Tot Ion:168 Resp: 150613

Ion Ratio Lower Upper

168 100

99 58.5 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

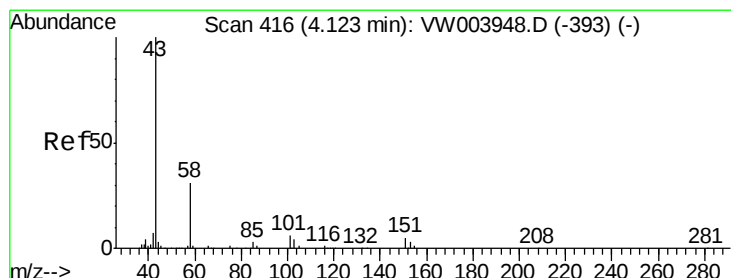
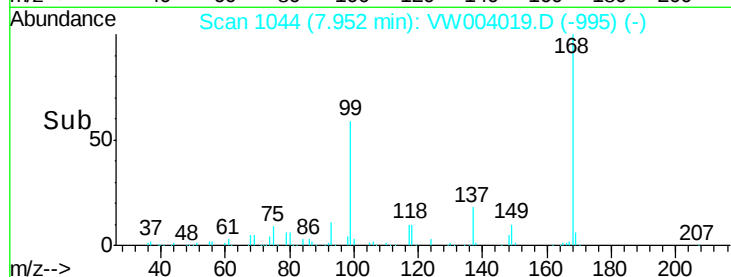
40000

20000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 40.00 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW004019.D

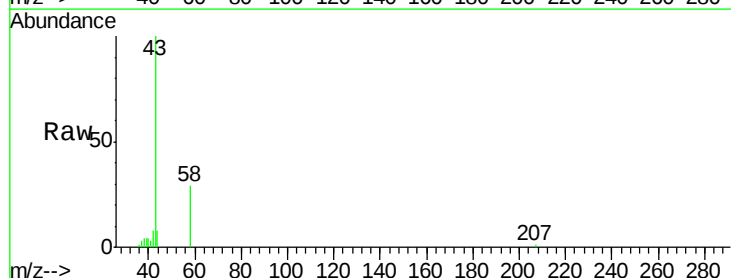
Acq: 18 Jul 2018 08:12

Tgt Ion: 43 Resp: 16182

Ion Ratio Lower Upper

43 100

58 29.0 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

6000

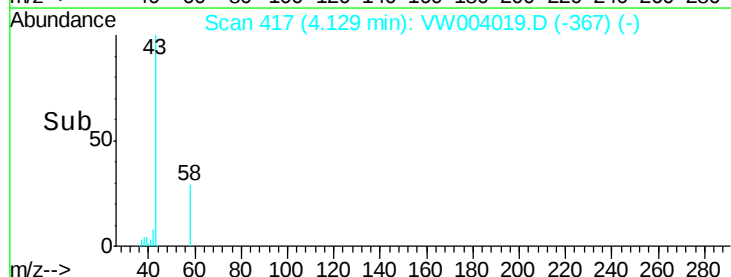
4000

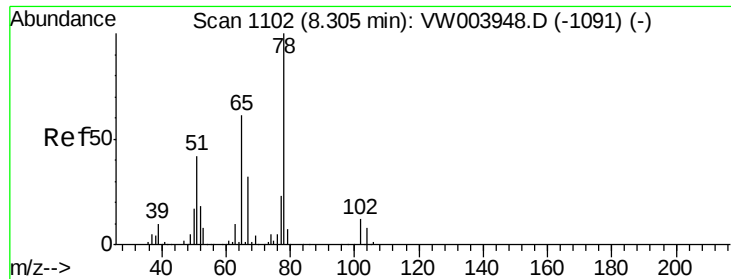
2000

0

4.00 4.10 4.20

Time-->





#33

1,2-Dichloroethane-d4

Concen: 66.20 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW004019.D

Acq: 18 Jul 2018 08:12

Instrument :

MSVOA_W

ClientSampleId :

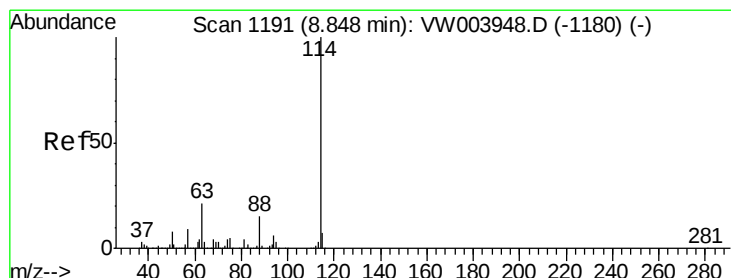
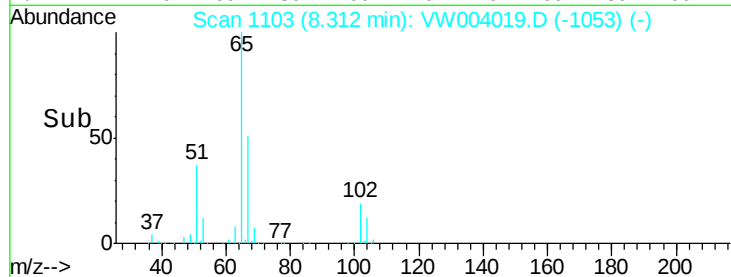
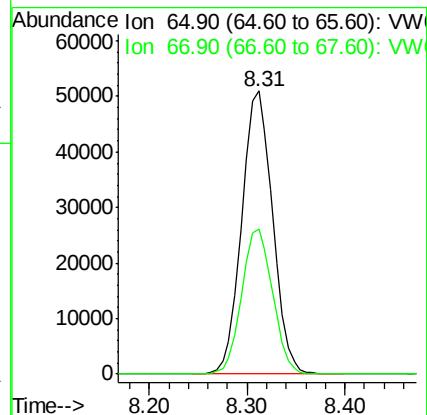
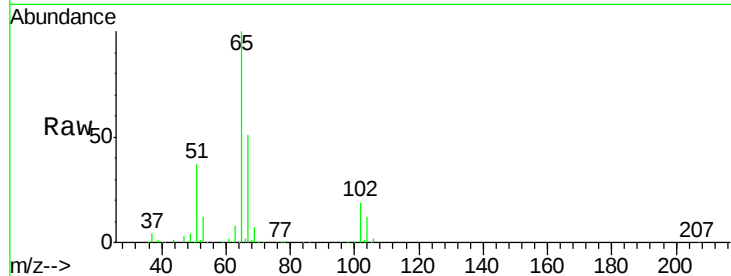
MH-1RE

Tot Ion: 65 Resp: 111443

Ion Ratio Lower Upper

65 100

67 51.5 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004019.D

Acq: 18 Jul 2018 08:12

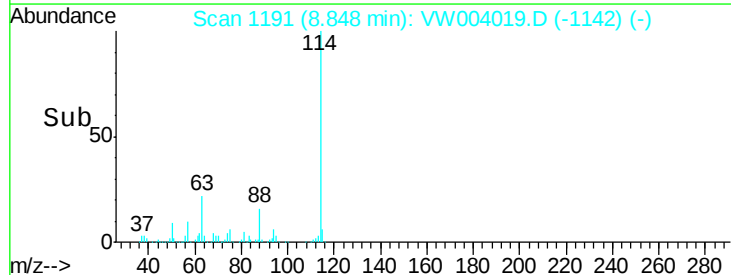
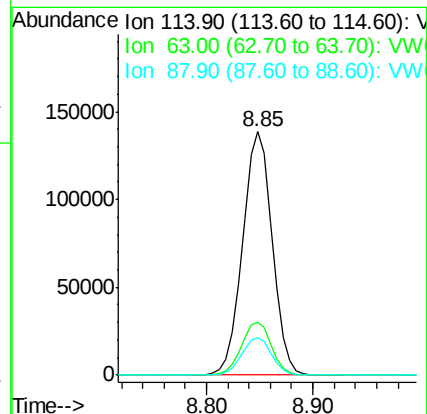
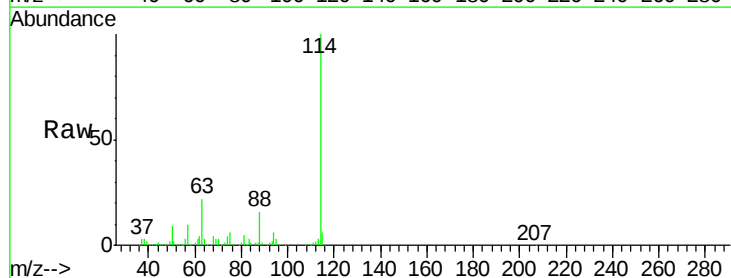
Tgt Ion: 114 Resp: 270232

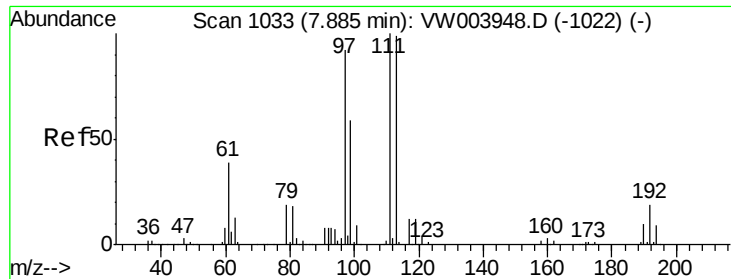
Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.8

88 15.5 0.0 30.4

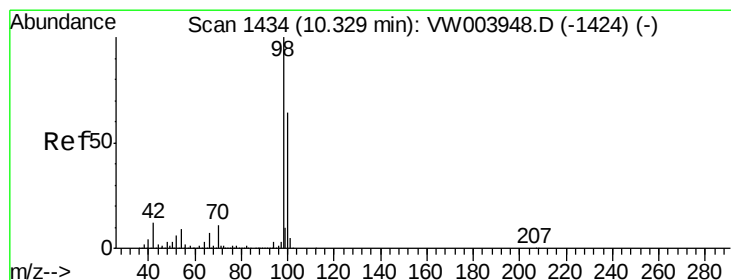
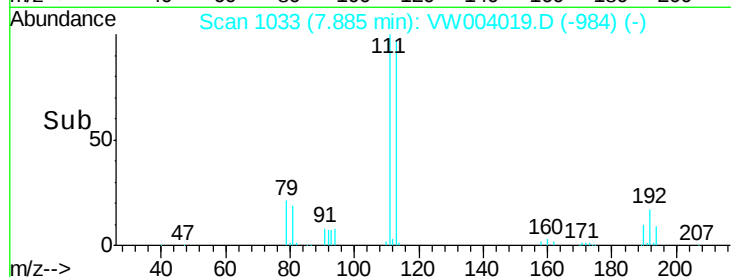
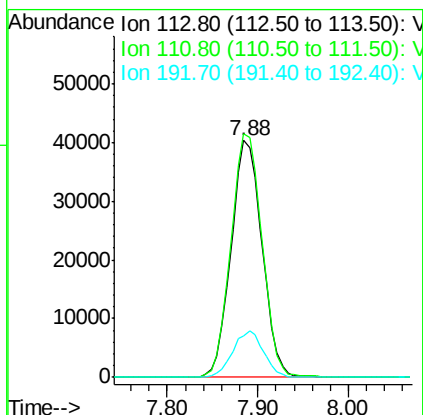
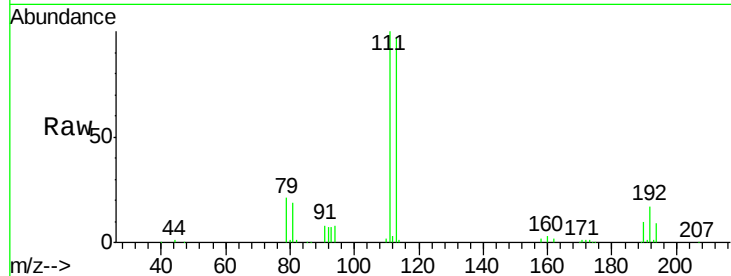




#35
Dibromofluoromethane
Concen: 55.16 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW004019.D
Acq: 18 Jul 2018 08:12

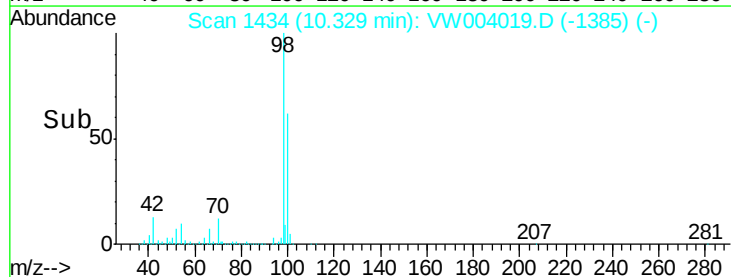
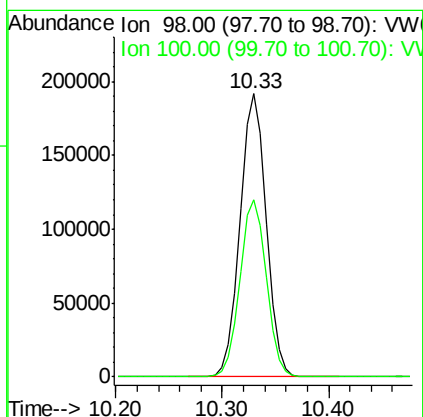
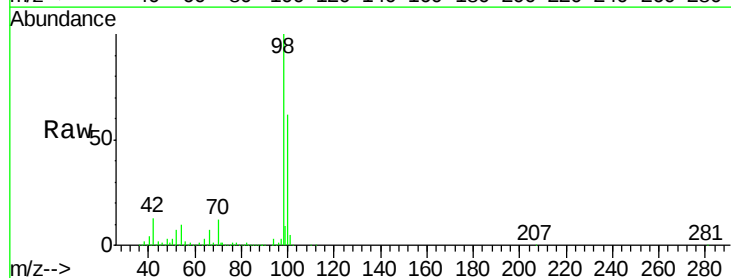
Instrument :
MSVOA_W
ClientSampleId :
MH-1RE

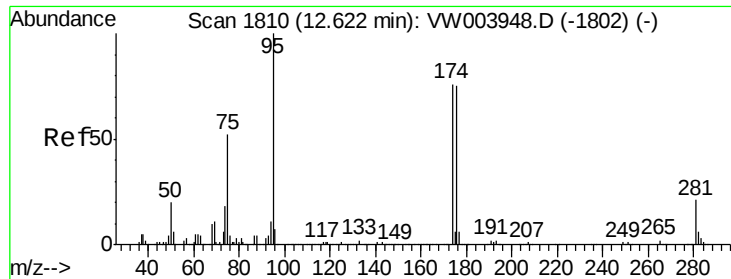
Tot Ion:113 Resp: 95644
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 19.6 15.8 23.6



#50
Toluene-d8
Concen: 49.35 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004019.D
Acq: 18 Jul 2018 08:12

Tgt Ion: 98 Resp: 332013
Ion Ratio Lower Upper
98 100
100 63.0 51.2 76.8

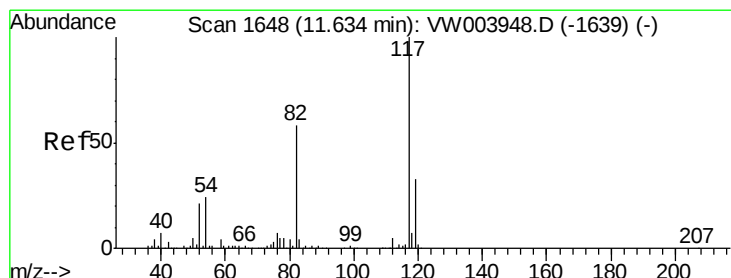
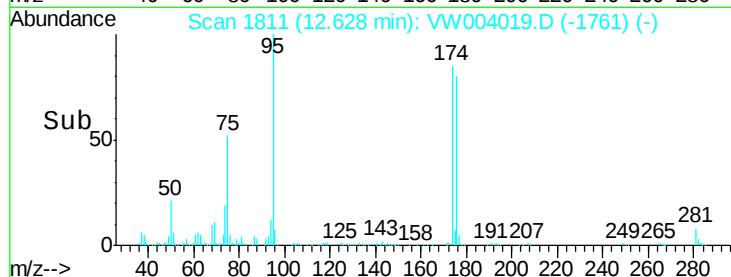
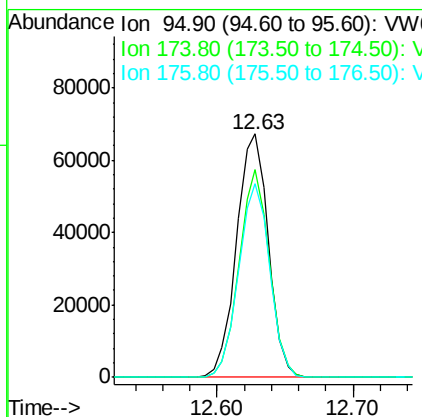
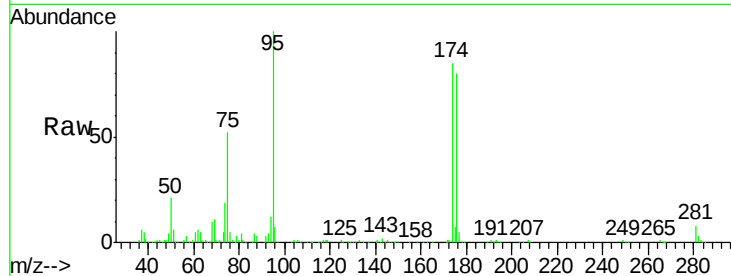




#62
4-Bromofluorobenzene
Concen: 45.07 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW004019.D
Acq: 18 Jul 2018 08:12

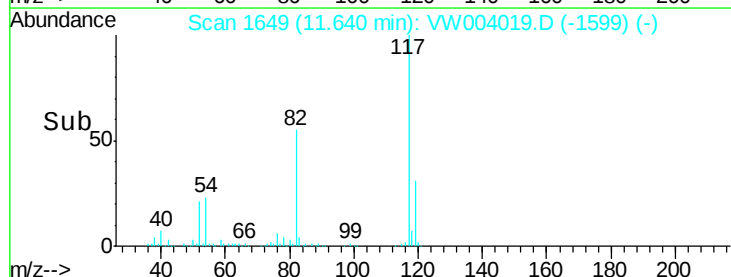
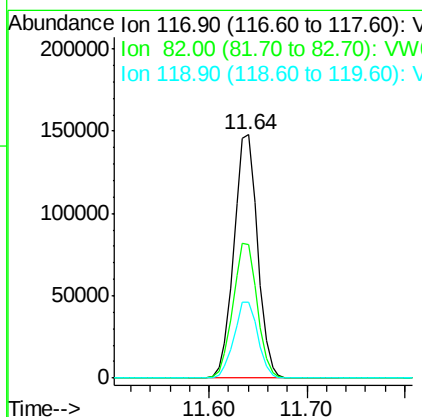
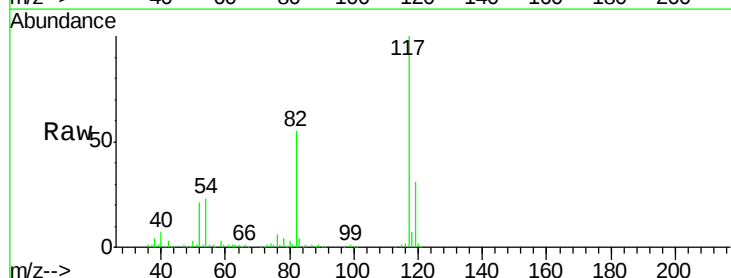
Instrument :
MSVOA_W
ClientSampleId :
MH-1RE

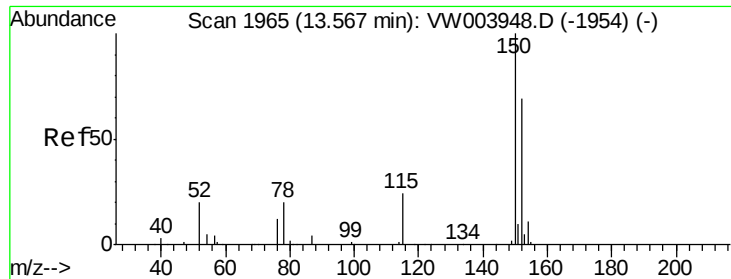
Tot Ion: 95 Resp: 109355
Ion Ratio Lower Upper
95 100
174 81.7 0.0 160.2
176 78.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW004019.D
Acq: 18 Jul 2018 08:12

Tgt Ion: 117 Resp: 248823
Ion Ratio Lower Upper
117 100
82 54.8 46.5 69.7
119 31.2 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.57 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: VW004019.D
 Acq: 18 Jul 2018 08:12

Instrument :
 MSVOA_W
 ClientSampleId :
 MH-1RE

Tot Ion:152 Resp: 113767
 Ion Ratio Lower Upper
 152 100
 115 59.1 29.2 87.6
 150 158.8 0.0 345.2

