

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112118\
 Data File : VW006984.D
 Acq On : 20 Nov 2018 19:41
 Operator : SY/AP
 Sample : J5977-11
 Misc : 4.57G/5ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MMTW-02(10-12)

Quant Time: Nov 21 05:42:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

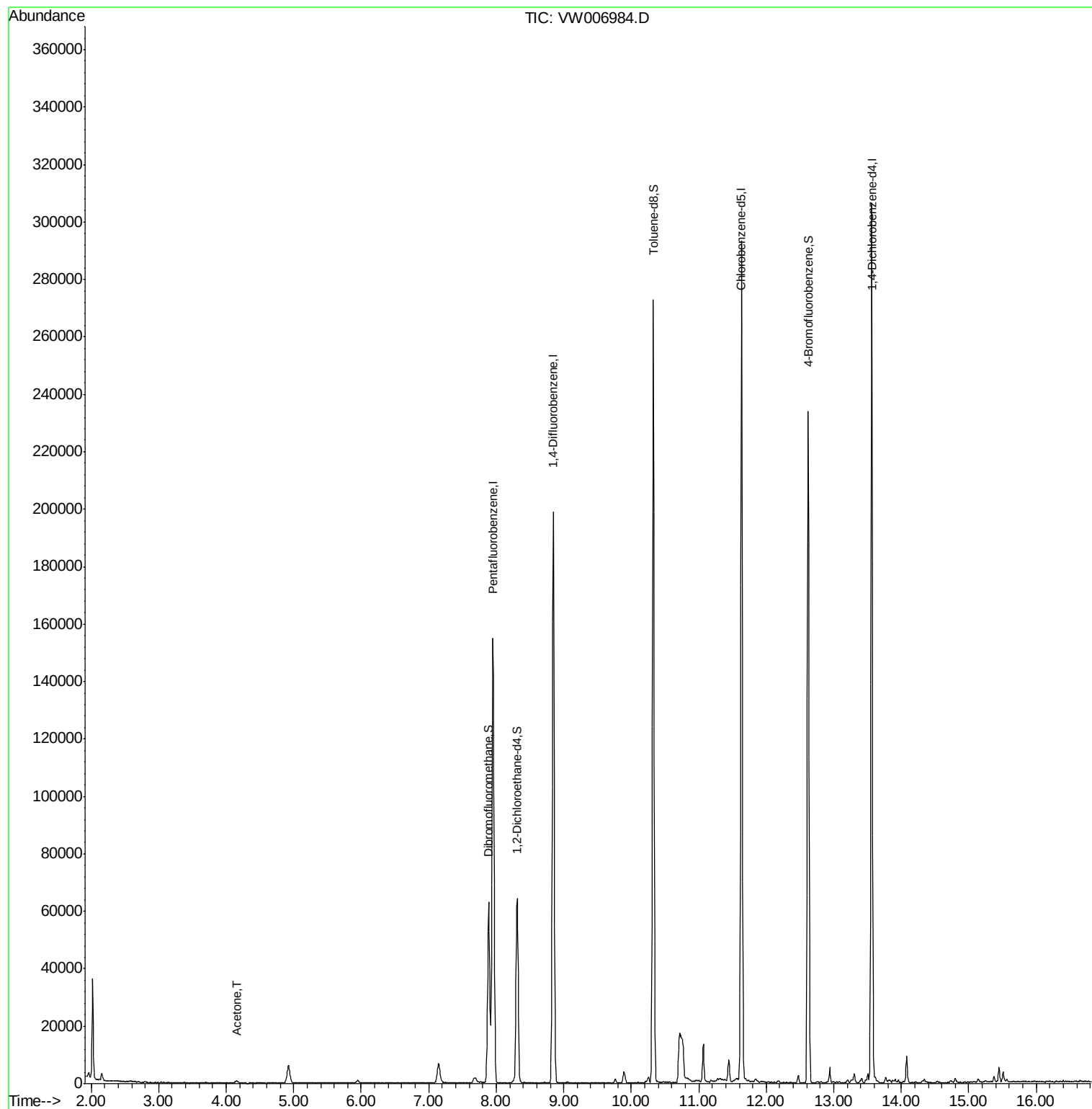
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	113353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	176879	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	165683	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	79624	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	51824	46.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.40%	
35) Dibromofluoromethane	7.88	113	45783	45.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.66%	
50) Toluene-d8	10.32	98	187189	42.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.88%	
62) 4-Bromofluorobenzene	12.62	95	74327	42.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.64%	
Target Compounds						
16) Acetone	4.15	43	1668	10.35	ug/l	Qvalue 97

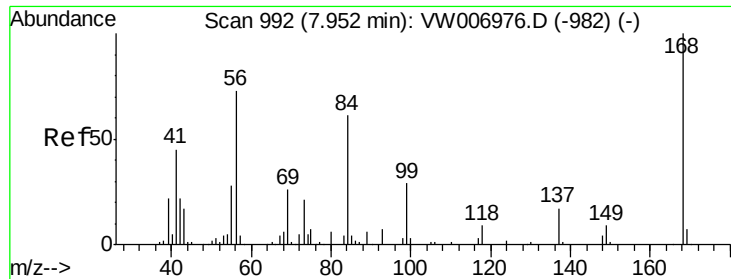
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006984.D

Acq: 20 Nov 2018 19:41

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MSVOA_W

ClientSampleId :

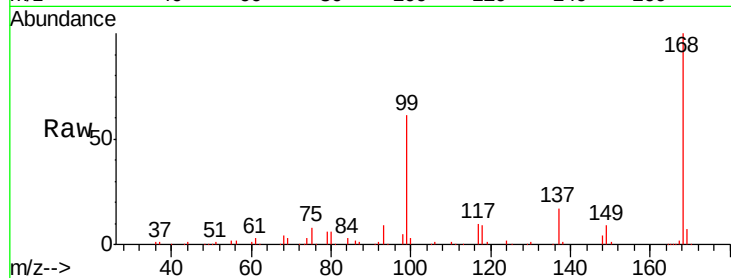
MMTW-02(10-12)

Tgt Ion:168 Resp: 113353

Ion Ratio Lower Upper

168 100

99 61.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

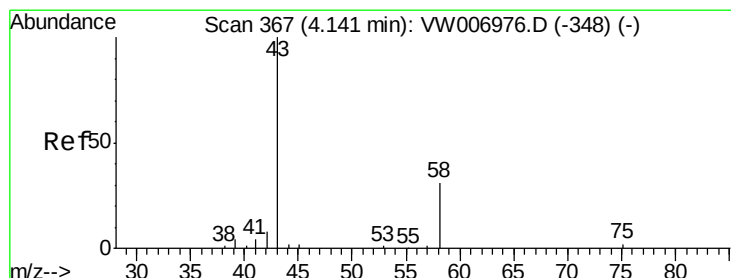
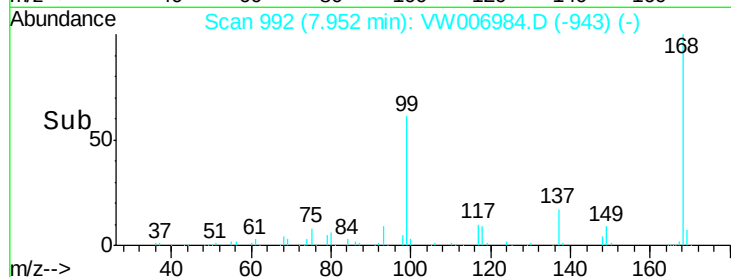
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 10.35 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW006984.D

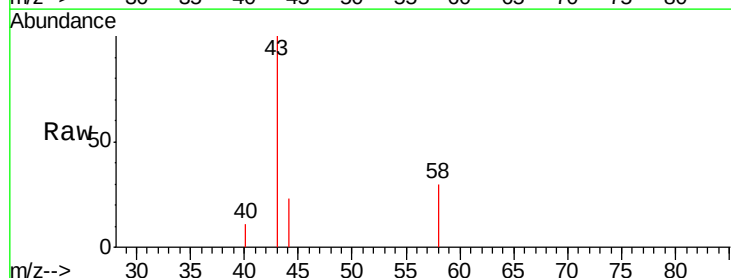
Acq: 20 Nov 2018 19:41

Tgt Ion: 43 Resp: 1668

Ion Ratio Lower Upper

43 100

58 29.6 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

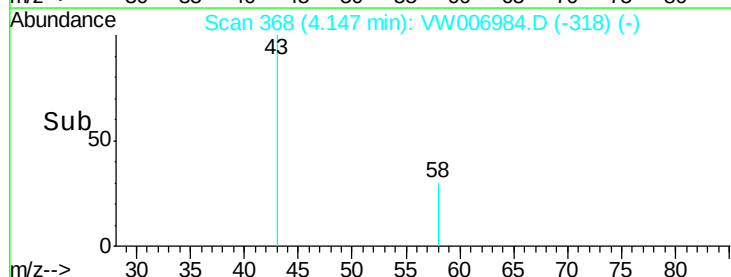
600

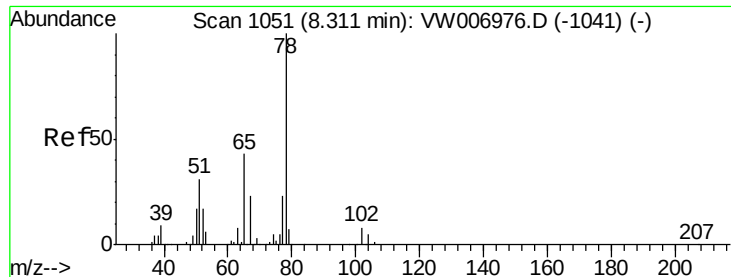
400

200

0

Time-->

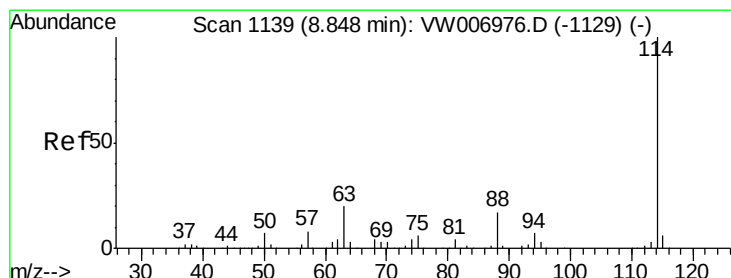
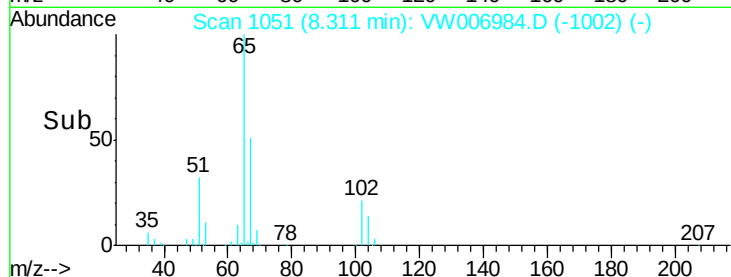
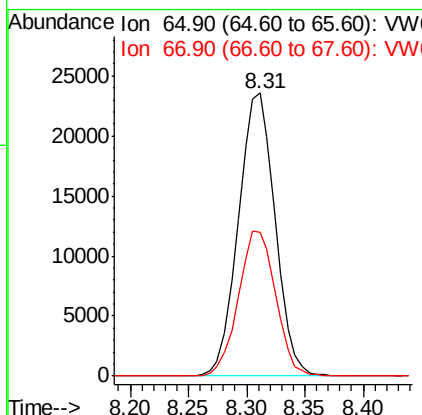
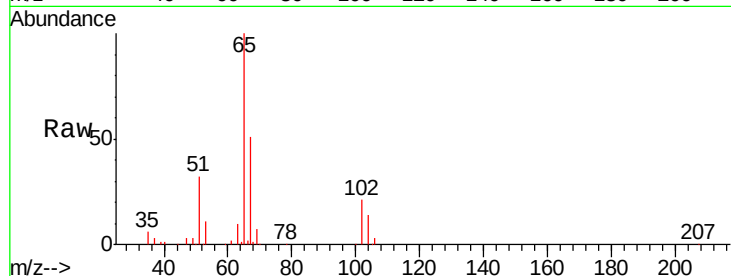




#33
 1,2-Dichloroethane-d4
 Concen: 46.70 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006984.D
 Acq: 20 Nov 2018 19:41

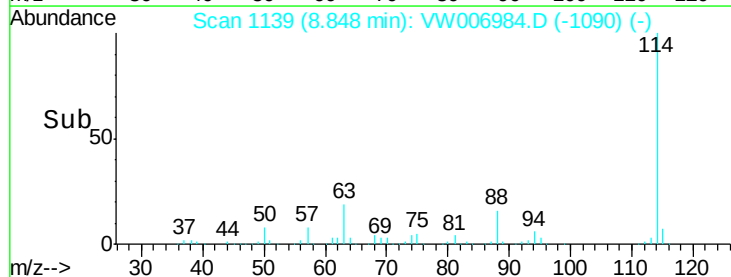
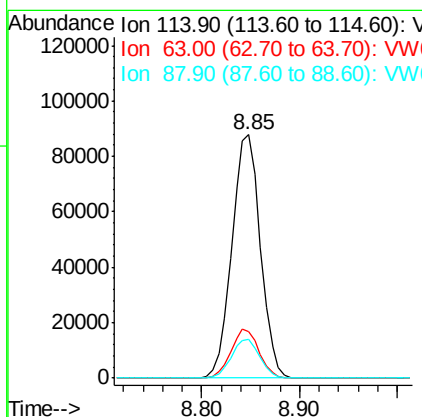
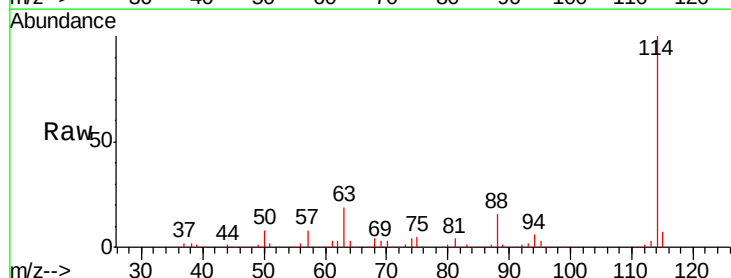
Instrument :
 MSVOA_W
 ClientSampleId :
 MMTW-02(10-12)

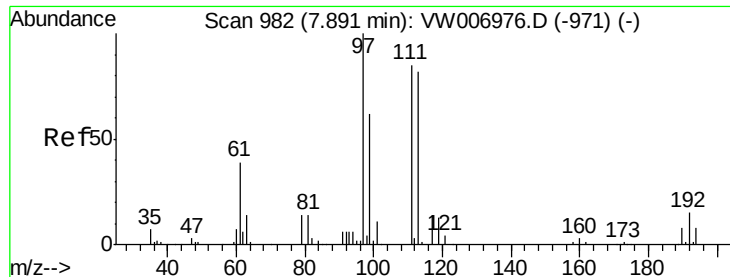
Tgt Ion: 65 Resp: 51824
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006984.D
 Acq: 20 Nov 2018 19:41

Tgt Ion: 114 Resp: 176879
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.4
 88 15.9 0.0 34.2





#35

Dibromofluoromethane

Concen: 45.83 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006984.D

Acq: 20 Nov 2018 19:41

Instrument :

MSVOA_W

ClientSampleId :

MMTW-02(10-12)

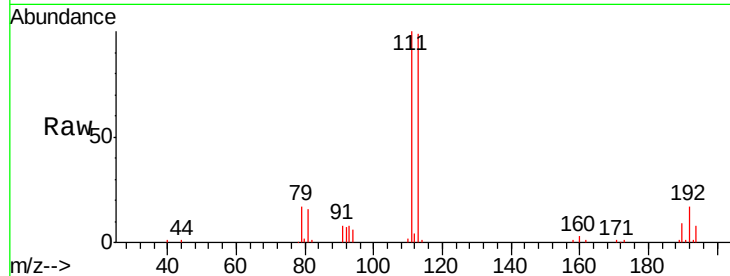
Tgt Ion:113 Resp: 45783

Ion Ratio Lower Upper

113 100

111 103.0 81.0 121.6

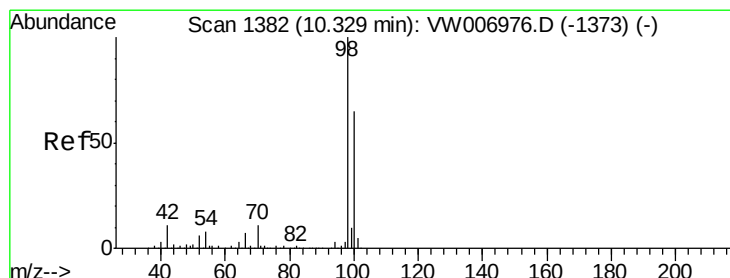
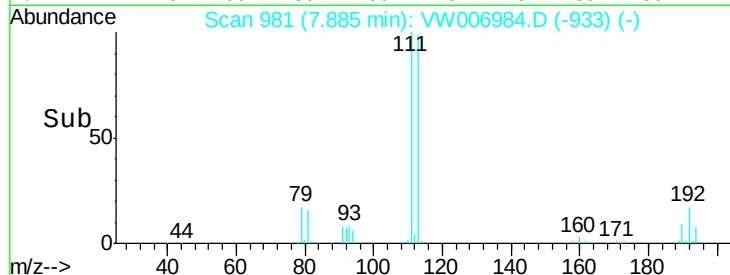
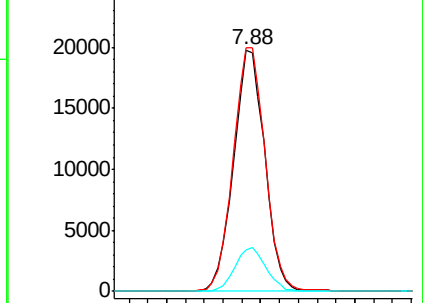
192 17.9 15.0 22.6



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: 42.44 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW006984.D

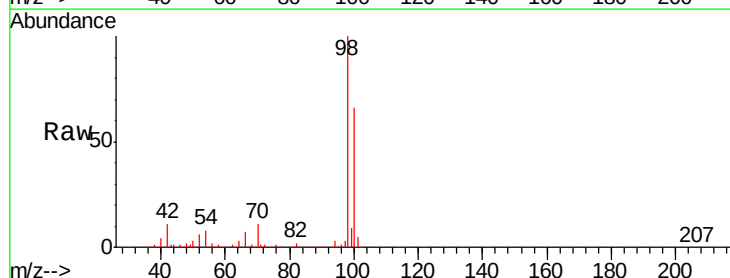
Acq: 20 Nov 2018 19:41

Tgt Ion: 98 Resp: 187189

Ion Ratio Lower Upper

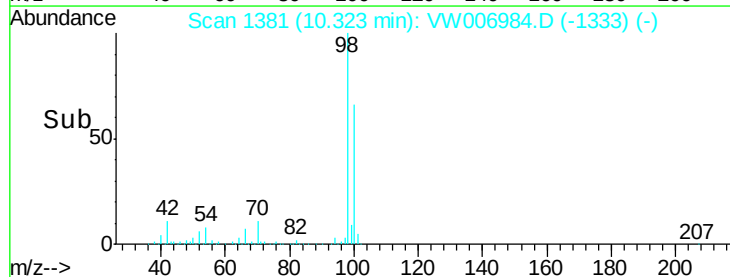
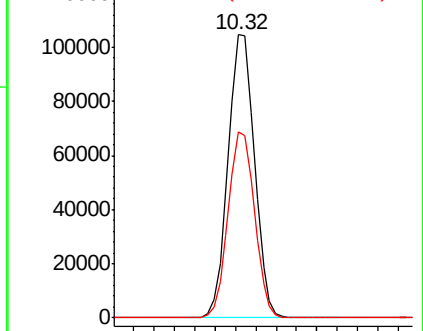
98 100

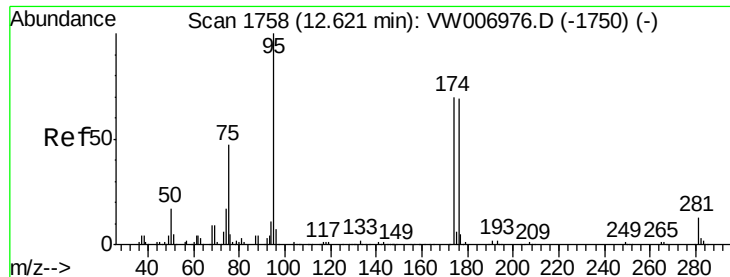
100 65.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

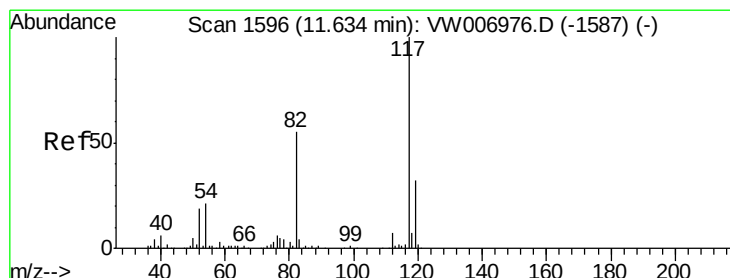
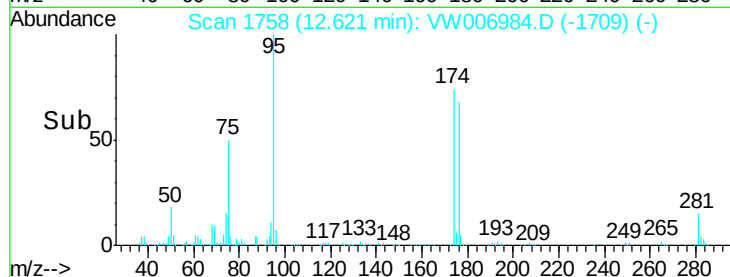
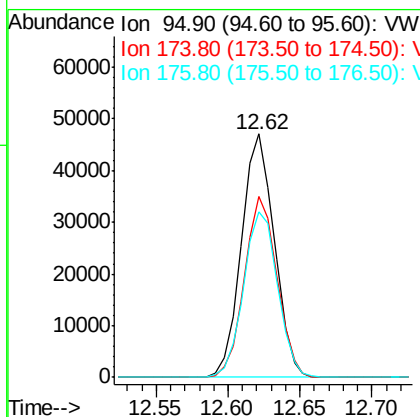
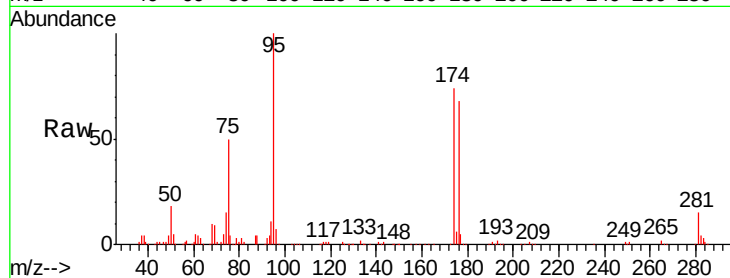




#62
4-Bromofluorobenzene
Concen: 42.82 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006984.D
Acq: 20 Nov 2018 19:41

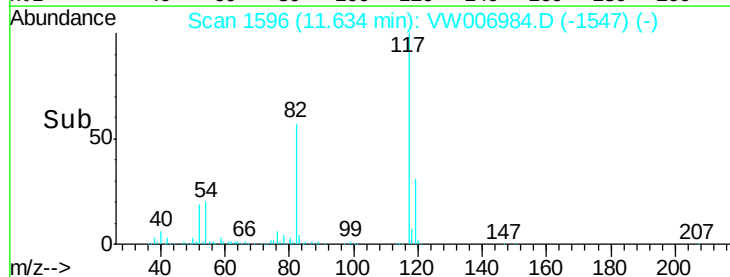
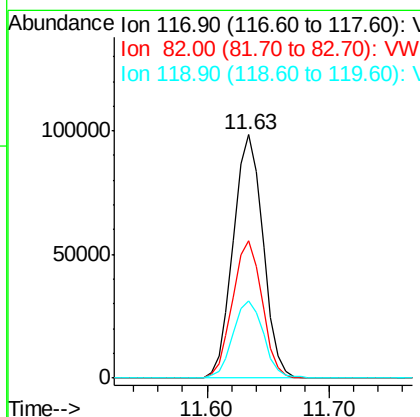
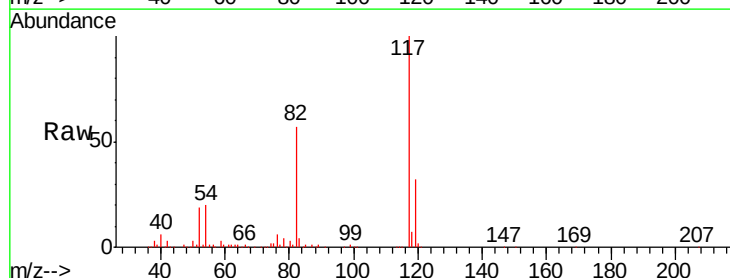
Instrument :
MSVOA_W
ClientSampleId :
MMTW-02(10-12)

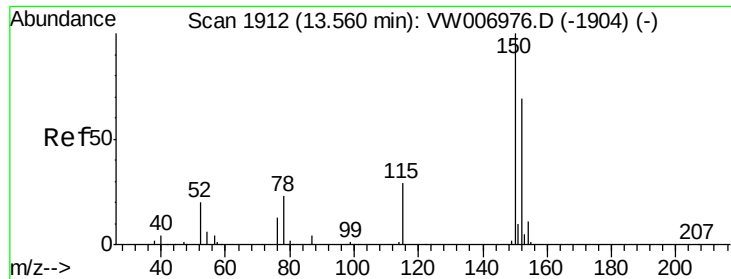
Tgt Ion: 95 Resp: 74327
Ion Ratio Lower Upper
95 100
174 73.8 0.0 143.6
176 70.2 0.0 140.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006984.D
Acq: 20 Nov 2018 19:41

Tgt Ion: 117 Resp: 165683
Ion Ratio Lower Upper
117 100
82 56.7 44.2 66.2
119 31.6 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW006984.D

Acq: 20 Nov 2018 19:41

Instrument :

MSVOA_W

ClientSampleId :

MMTW-02(10-12)

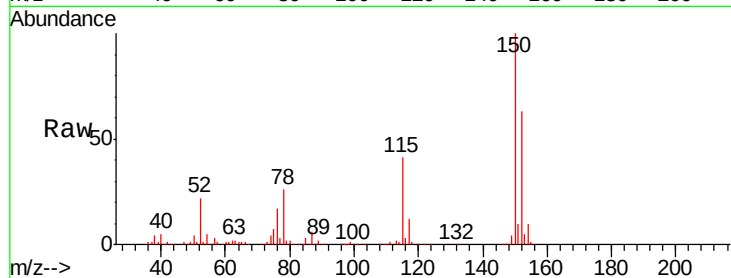
Tgt Ion:152 Resp: 79624

Ion Ratio Lower Upper

152 100

115 61.7 31.4 94.2

150 157.6 0.0 353.4



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

