

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101618\
 Data File : VW006090.D
 Acq On : 16 Oct 2018 20:10
 Operator : VA/AP
 Sample : J5526-18
 Misc : 6.84G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-4A-G-101518-3

Quant Time: Oct 17 01:41:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

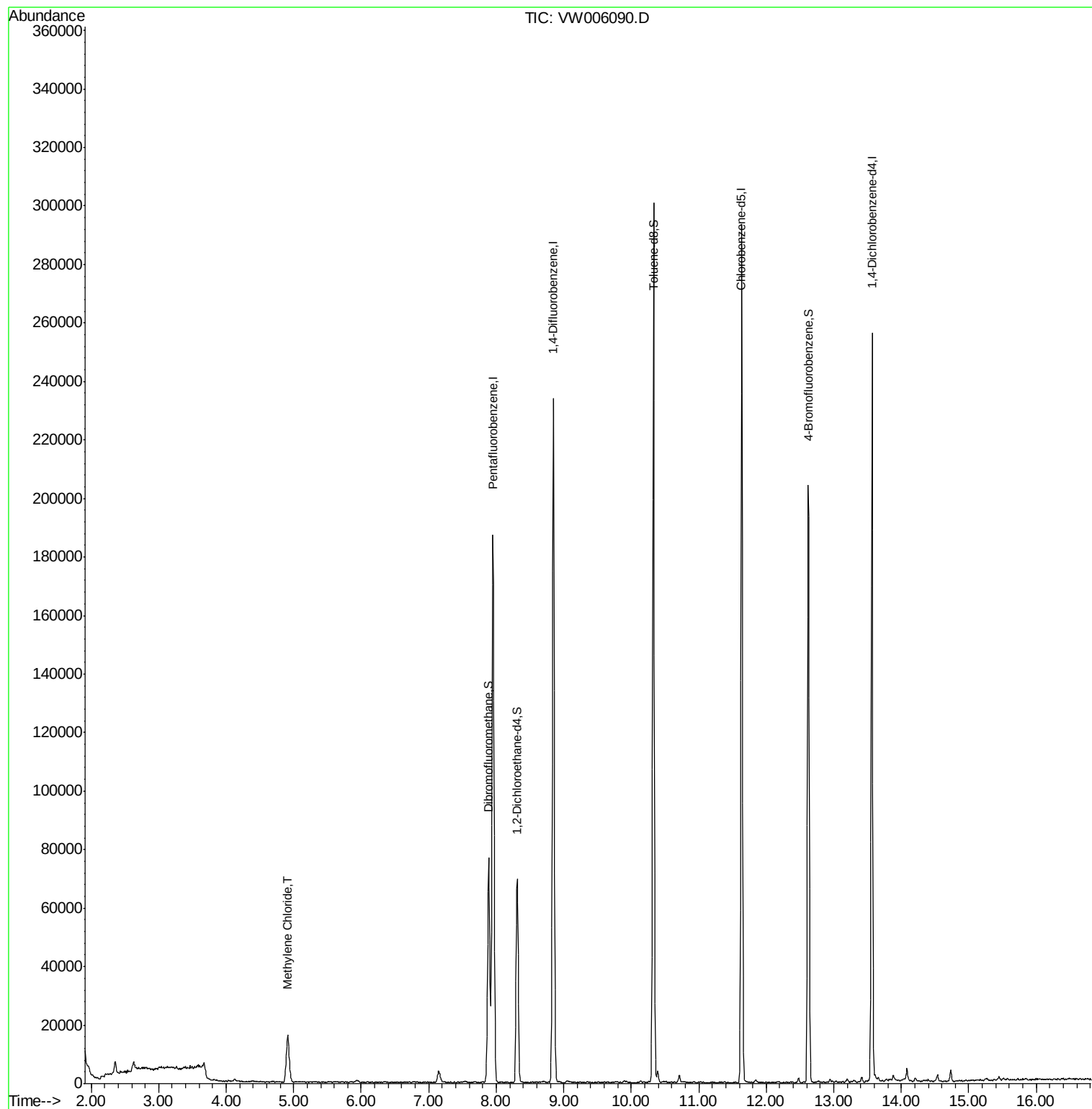
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	150337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	208819	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	166764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	70632	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	54462	43.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.40%	
35) Dibromofluoromethane	7.88	113	54605	44.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.50%	
50) Toluene-d8	10.33	98	202051	43.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.08%	
62) 4-Bromofluorobenzene	12.62	95	62196	35.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.56%	
Target Compounds						
20) Methylene Chloride	4.91	84	12352	7.999	ug/l	Qvalue 93

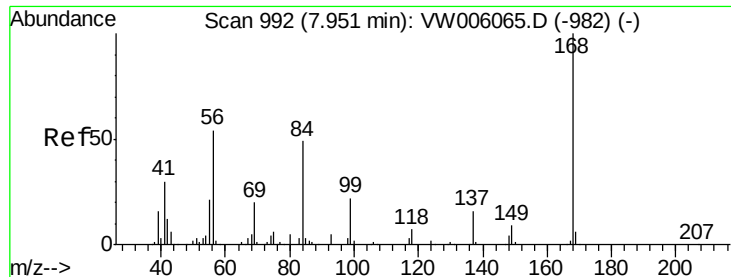
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006090.D

Acq: 16 Oct 2018 20:10

Instrument :

MSVOA_W

ClientSampleId :

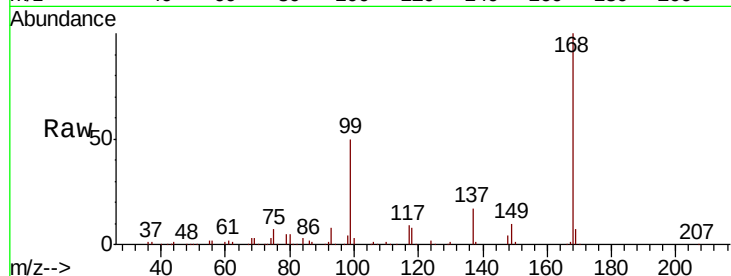
SUP-4A-G-101518-3

Tot Ion:168 Resp: 150337

Ion Ratio Lower Upper

168 100

99 50.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

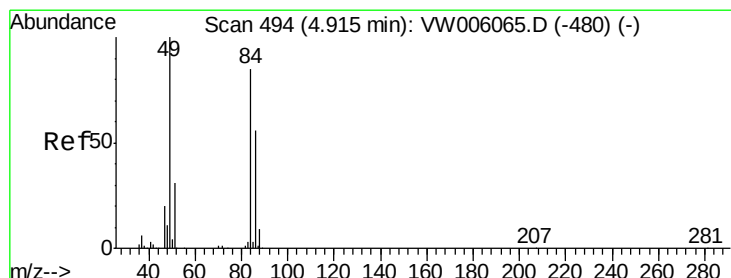
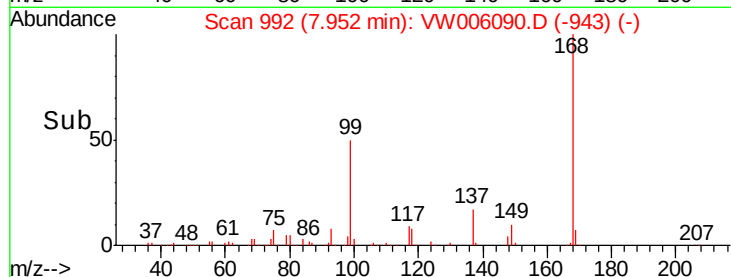
40000

20000

0

7.90 8.00

Time-->



#20

Methylene Chloride

Concen: 7.999 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006090.D

Acq: 16 Oct 2018 20:10

Tgt Ion: 84 Resp: 12352

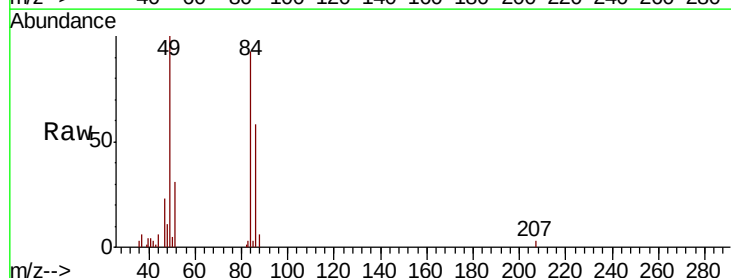
Ion Ratio Lower Upper

84 100

49 108.0 93.6 140.4

51 33.1 29.0 43.4

86 62.3 52.6 79.0



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

4.91

6000

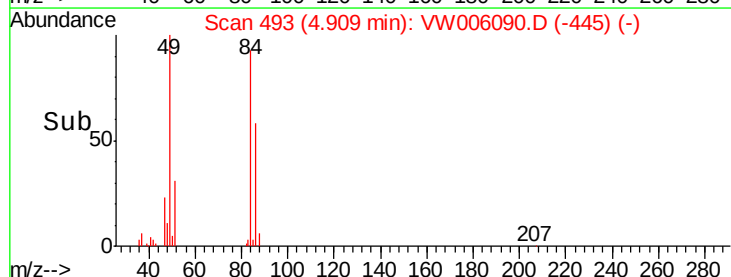
4000

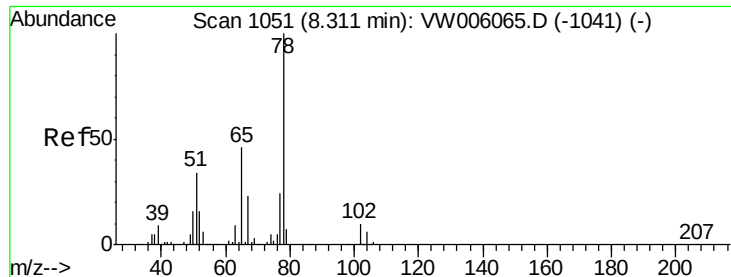
2000

0

4.80 4.90 5.00

Time-->

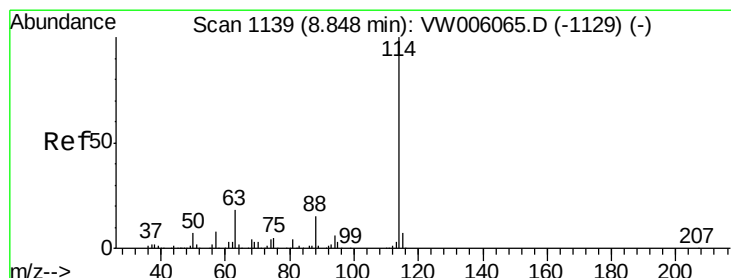
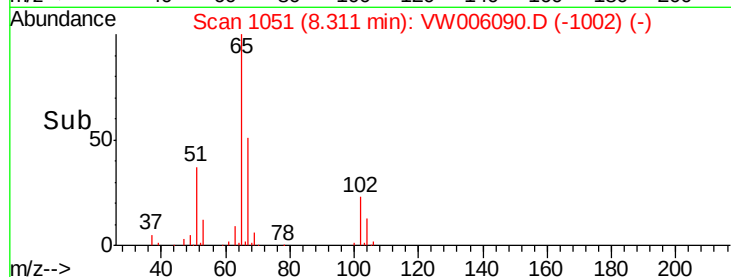
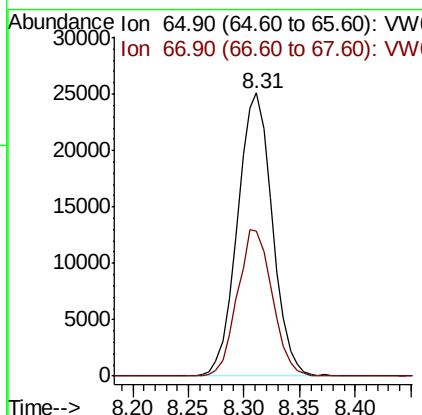
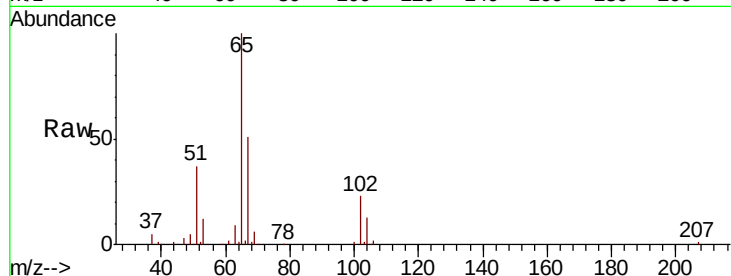




#33
 1,2-Dichloroethane-d4
 Concen: 43.696 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006090.D
 Acq: 16 Oct 2018 20:10

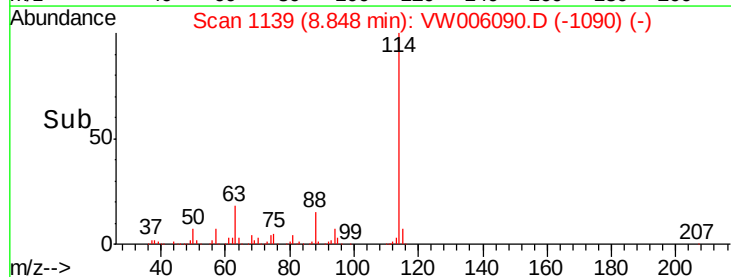
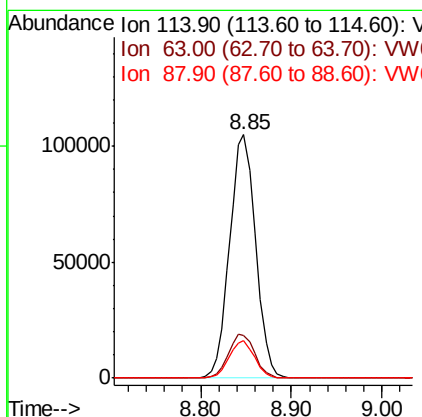
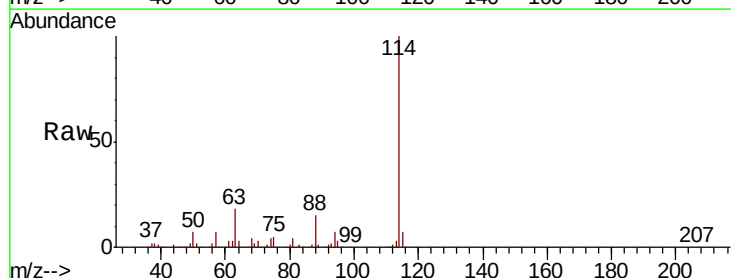
Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-4A-G-101518-3

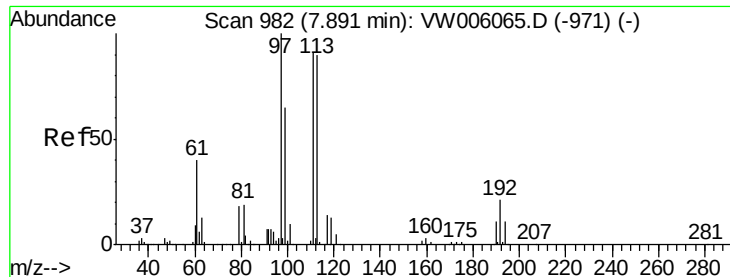
Tot Ion: 65 Resp: 54462
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006090.D
 Acq: 16 Oct 2018 20:10

Tgt Ion: 114 Resp: 208819
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 36.8
 88 15.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 44.254 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006090.D

Acq: 16 Oct 2018 20:10

Instrument :

MSVOA_W

ClientSampleId :

SUP-4A-G-101518-3

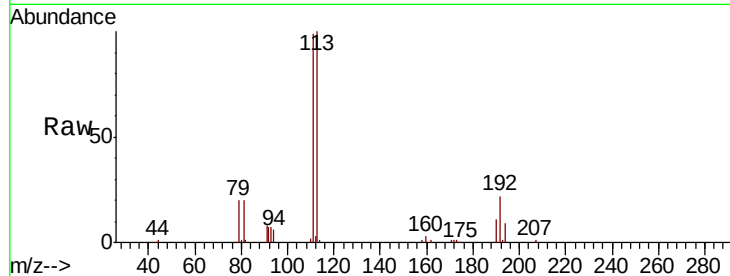
Tot Ion:113 Resp: 54605

Ion Ratio Lower Upper

113 100

111 100.0 81.4 122.0

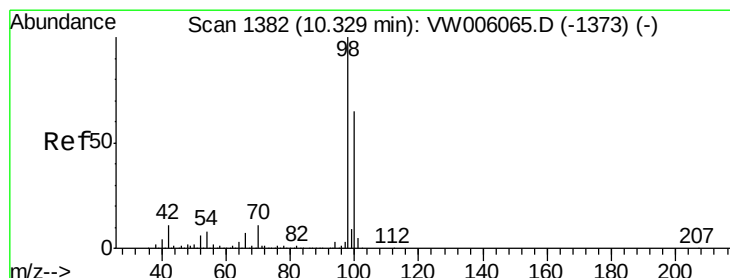
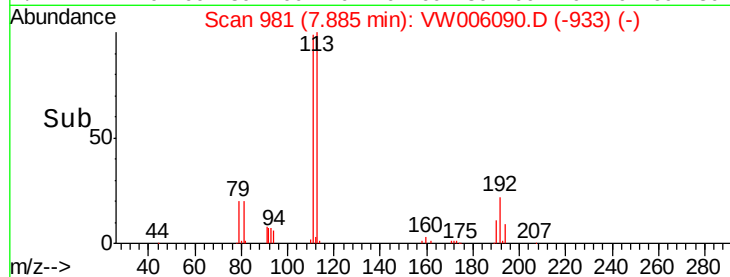
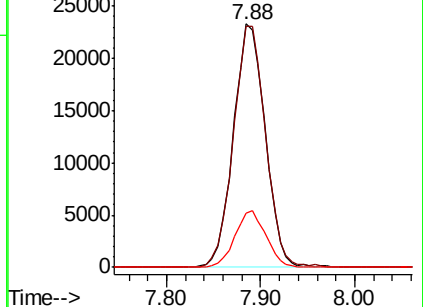
192 22.7 18.7 28.1



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: 43.041 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006090.D

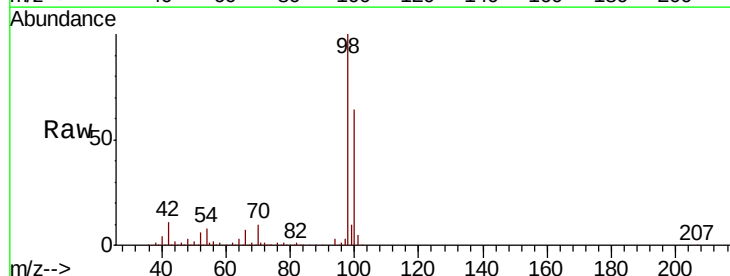
Acq: 16 Oct 2018 20:10

Tgt Ion: 98 Resp: 202051

Ion Ratio Lower Upper

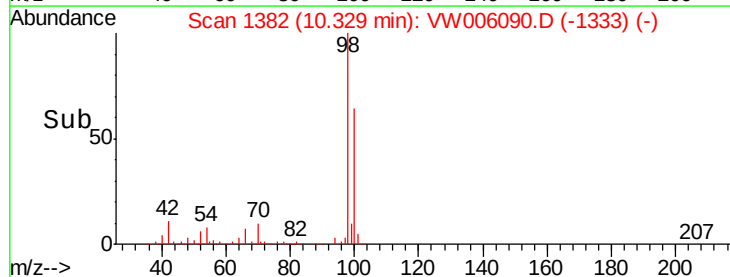
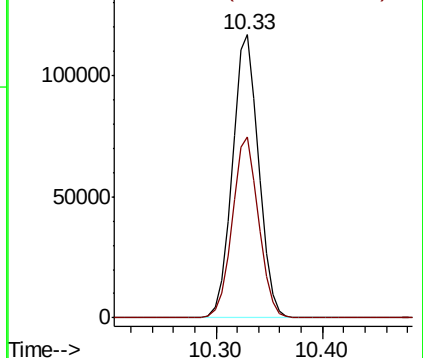
98 100

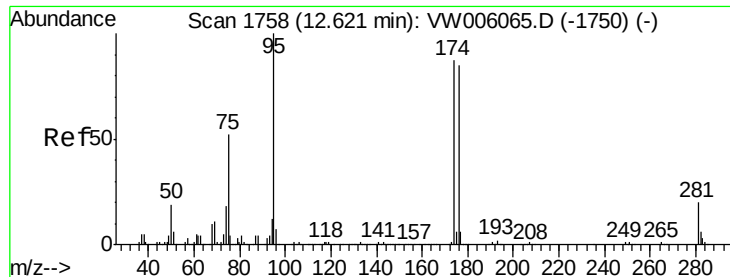
100 63.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

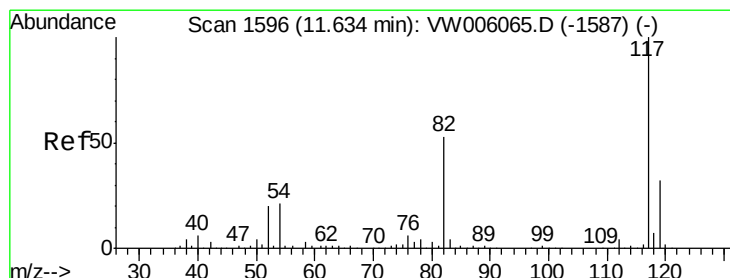
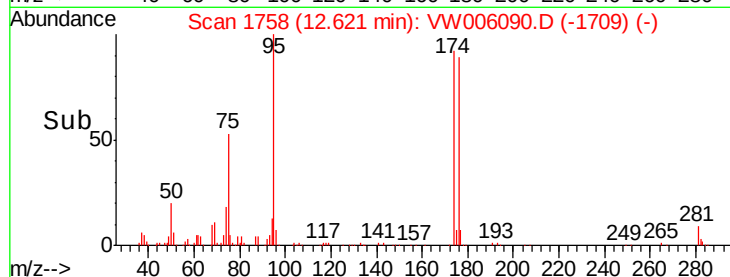
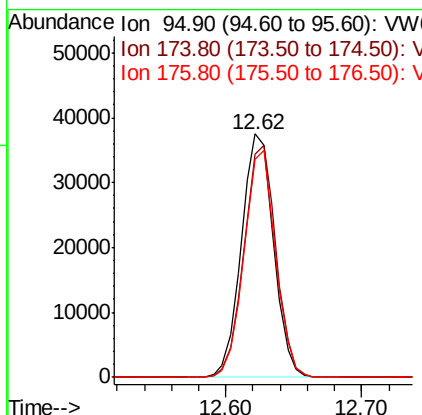
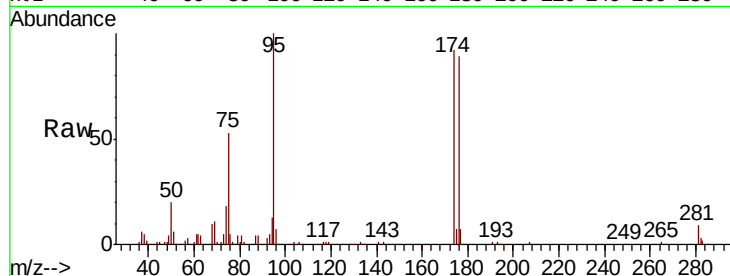




#62
4-Bromofluorobenzene
Concen: 35.275 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006090.D
Acq: 16 Oct 2018 20:10

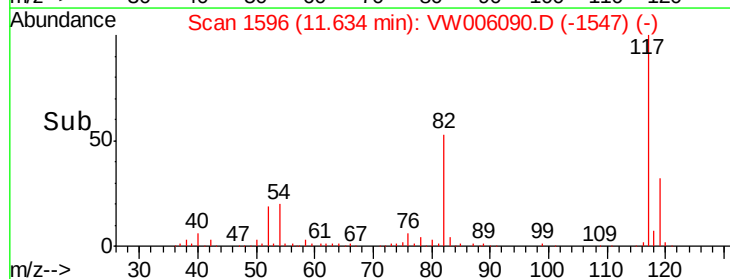
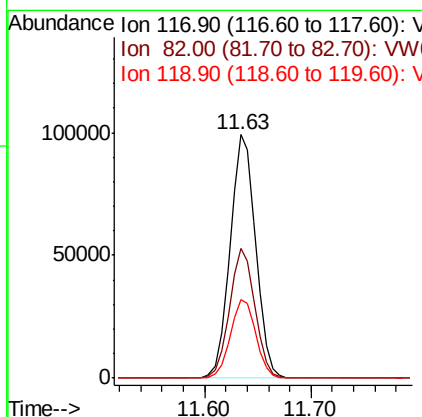
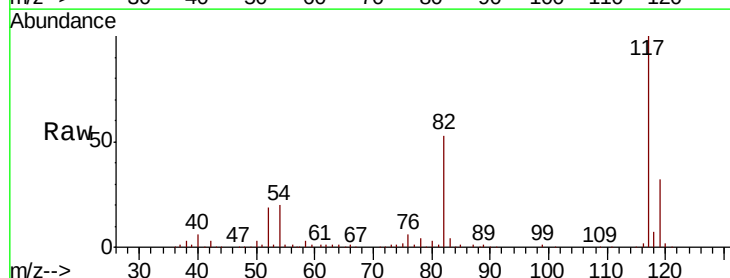
Instrument :
MSVOA_W
ClientSampleId :
SUP-4A-G-101518-3

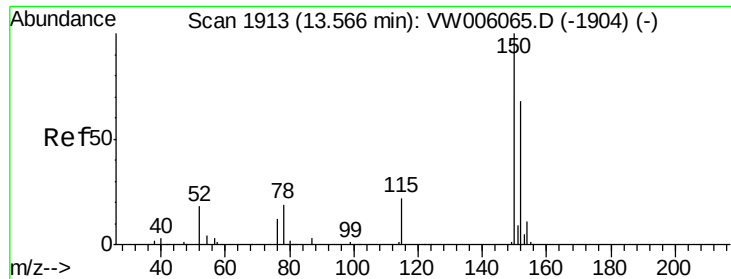
Tot Ion	Ratio	Lower	Upper
95	100		
174	94.8	0.0	186.0
176	91.4	0.0	181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006090.D
Acq: 16 Oct 2018 20:10

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.4	42.1	63.1
119	32.0	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006090.D

Acq: 16 Oct 2018 20:10

Instrument :

MSVOA_W

ClientSampleId :

SUP-4A-G-101518-3

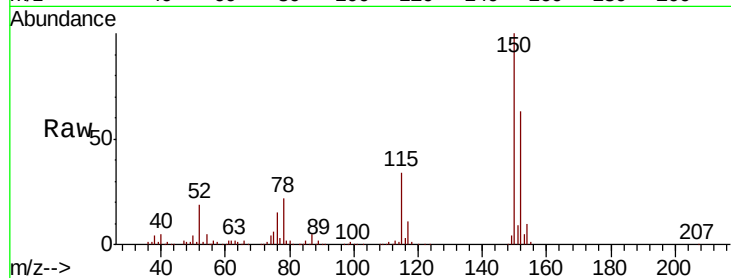
Tot Ion:152 Resp: 70632

Ion Ratio Lower Upper

152 100

115 54.0 27.8 83.3

150 155.2 0.0 349.2



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

