

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101718\
 Data File : VW006165.D
 Acq On : 18 Oct 2018 10:06
 Operator : VA/AP
 Sample : J5539-02RE
 Misc : 11.69G/5ML/MSVOA W/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-8-3-5FTRE

Quant Time: Oct 18 14:51:42 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

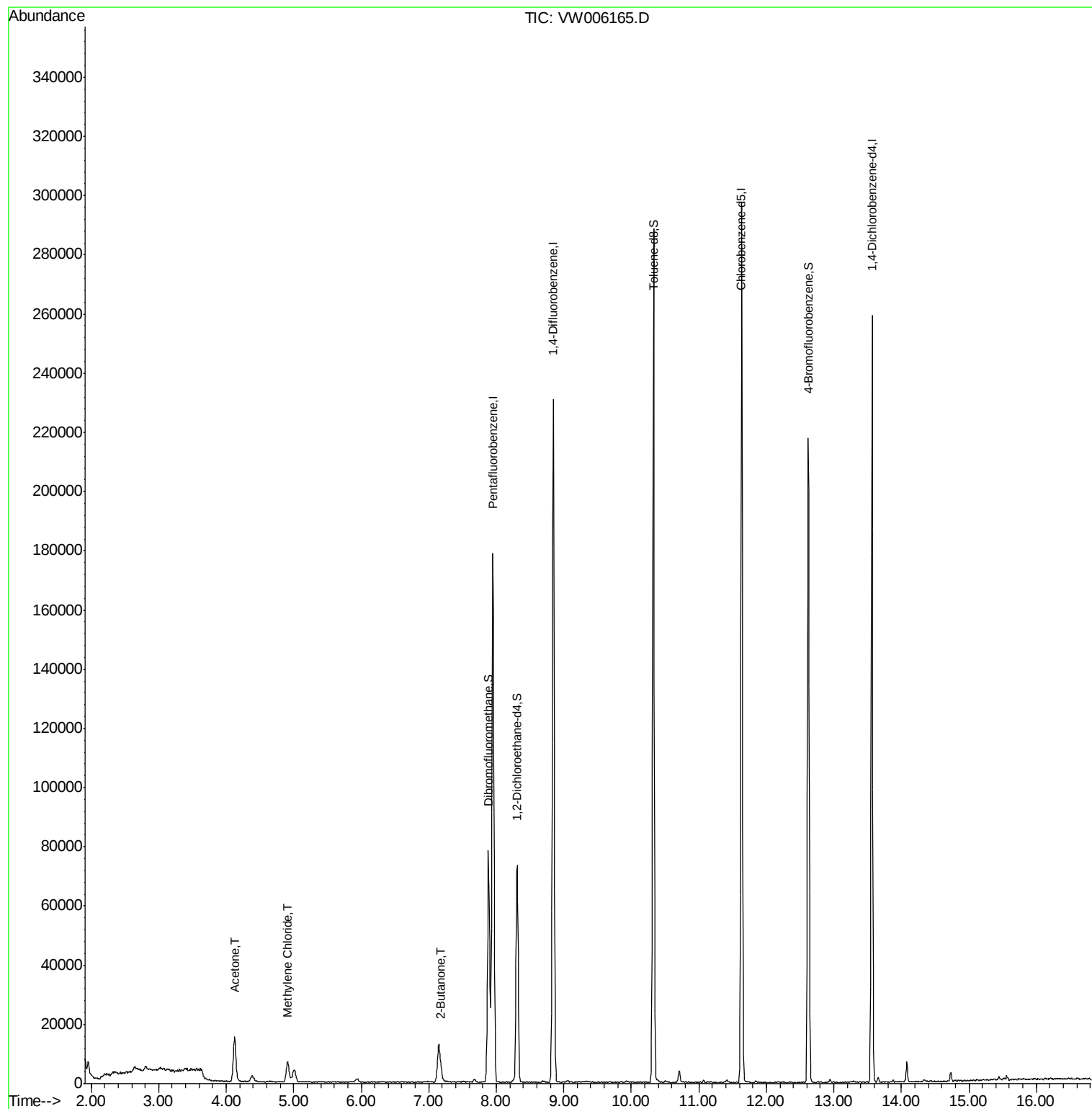
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	143657	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	205594	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	168622	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	72672	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	58008	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
35) Dibromofluoromethane	7.88	113	53996	44.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.90%	
50) Toluene-d8	10.33	98	196898	42.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.20%	
62) 4-Bromofluorobenzene	12.62	95	63944	36.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.68%	
Target Compounds						
16) Acetone	4.12	43	27133	113.342	ug/l	Qvalue 100
20) Methylene Chloride	4.91	84	4977	2.400	ug/l	95
25) 2-Butanone	7.18	43	5735	17.825	ug/l	96

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

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Quant Time: Oct 18 14:51:42 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
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

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Acq: 18 Oct 2018 10:06

Instrument :

MSVOA_W

ClientSampleId :

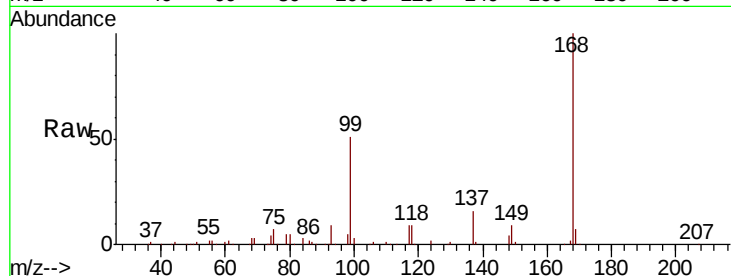
SB-8-3-5FTRE

Tot Ion:168 Resp: 143657

Ion Ratio Lower Upper

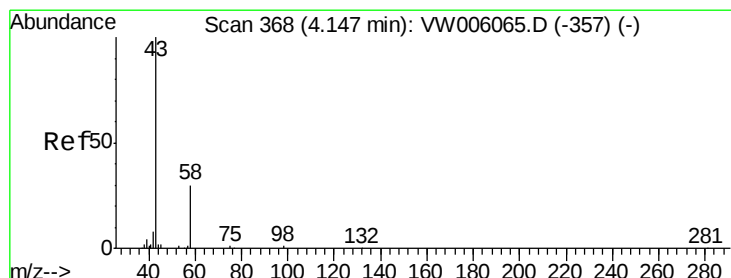
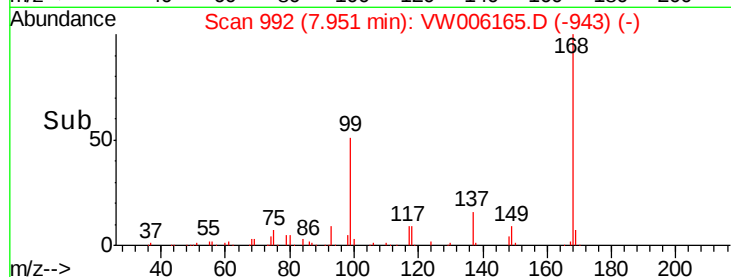
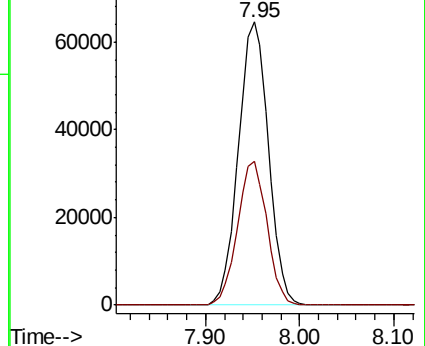
168 100

99 50.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 113.342 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW006165.D

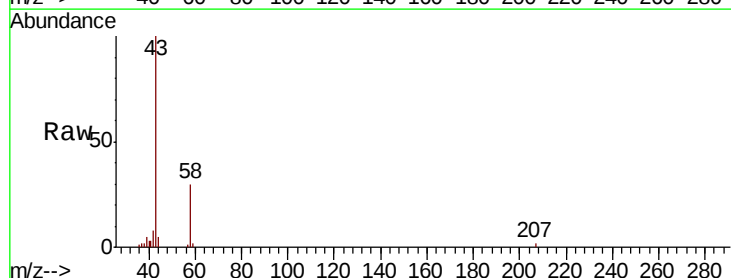
Acq: 18 Oct 2018 10:06

Tgt Ion: 43 Resp: 27133

Ion Ratio Lower Upper

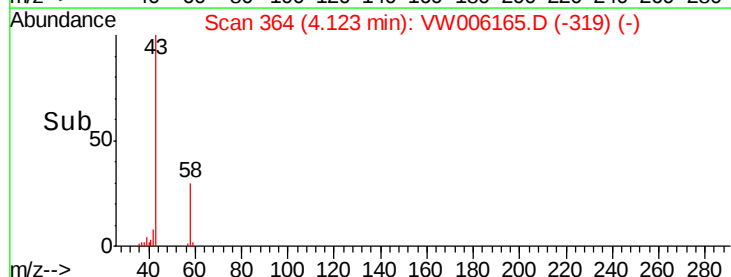
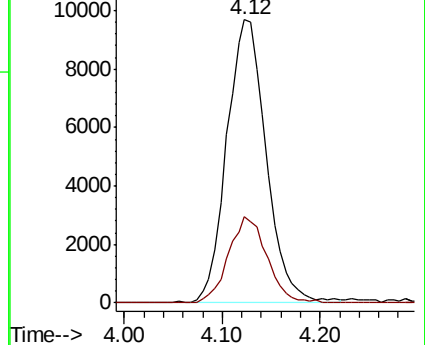
43 100

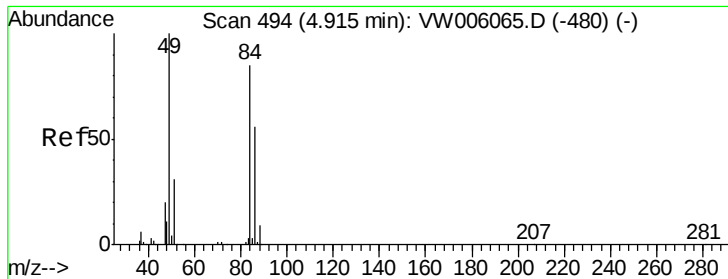
58 30.3 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 2.400 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006165.D

Acq: 18 Oct 2018 10:06

Instrument :

MSVOA_W

ClientSampleId :

SB-8-3-5FTRE

Tot Ion: 84 Resp: 4977

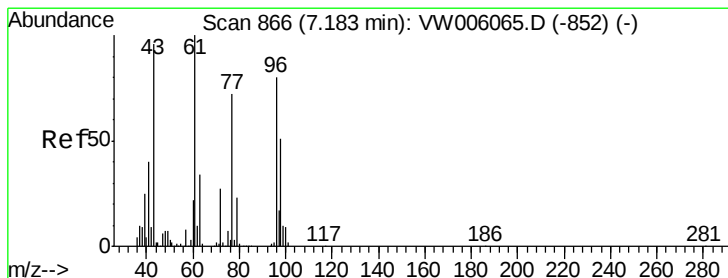
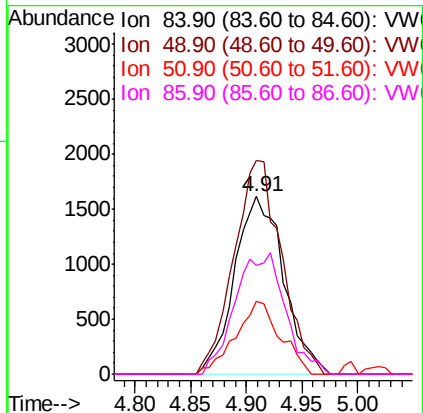
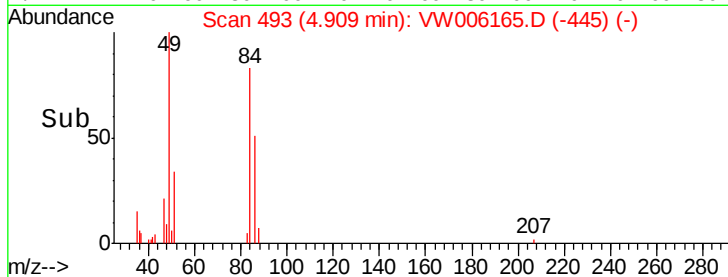
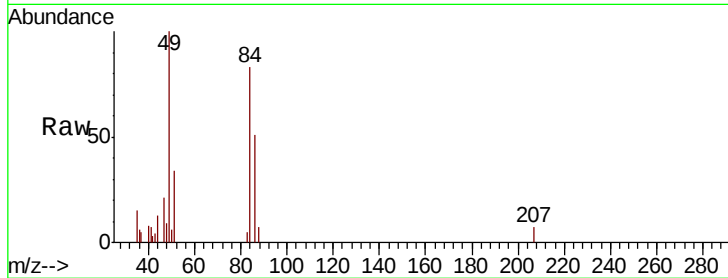
Ion Ratio Lower Upper

84 100

49 120.2 93.6 140.4

51 40.9 29.0 43.4

86 61.2 52.6 79.0



#25

2-Butanone

Concen: 17.825 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW006165.D

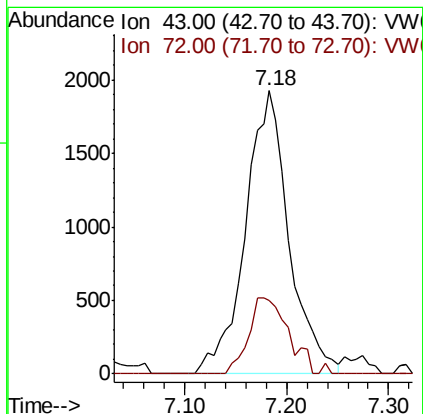
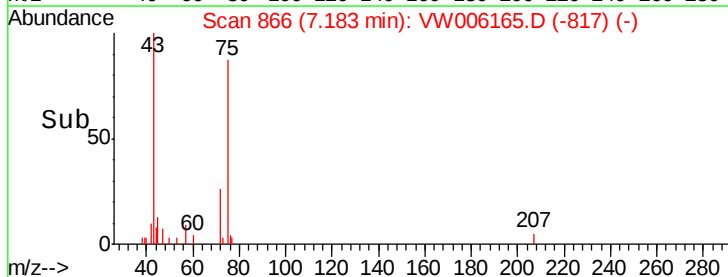
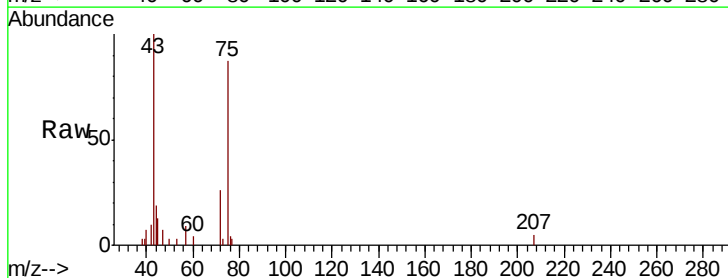
Acq: 18 Oct 2018 10:06

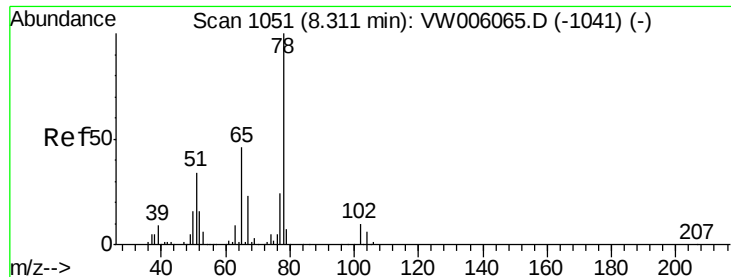
Tgt Ion: 43 Resp: 5735

Ion Ratio Lower Upper

43 100

72 26.2 22.8 34.2





#33

1,2-Dichloroethane-d4

Concen: 48.705 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006165.D

Acq: 18 Oct 2018 10:06

Instrument :

MSVOA_W

ClientSampleId :

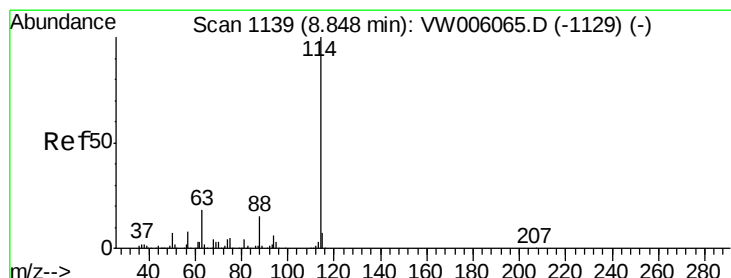
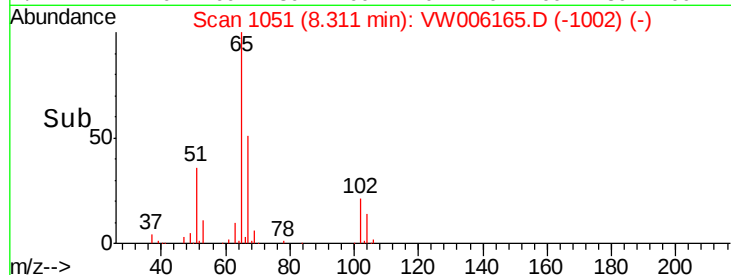
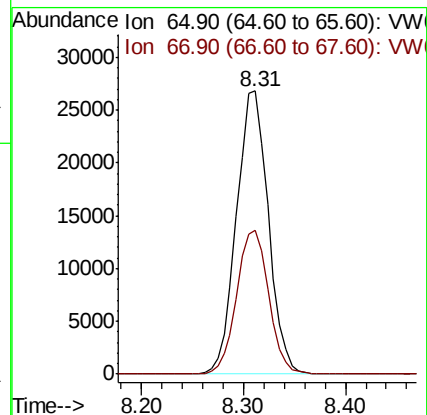
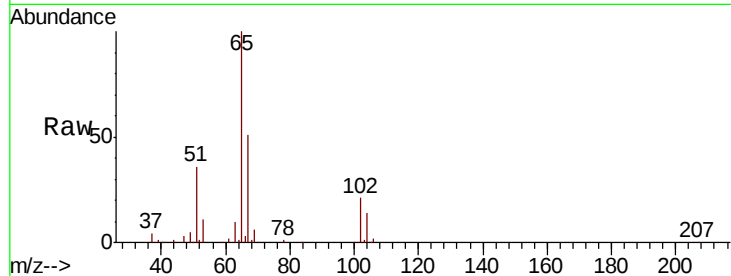
SB-8-3-5FTRE

Tot Ion: 65 Resp: 58008

Ion Ratio Lower Upper

65 100

67 51.0 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: VW006165.D

Acq: 18 Oct 2018 10:06

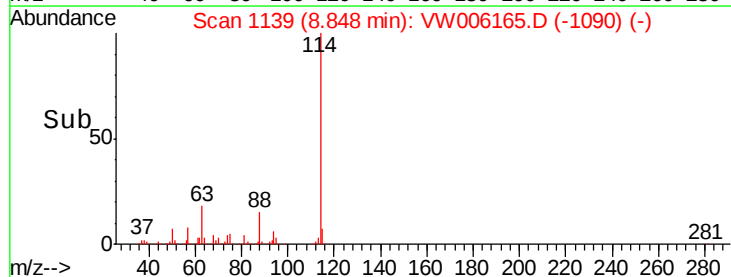
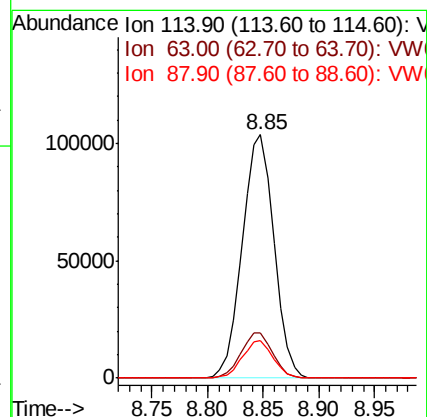
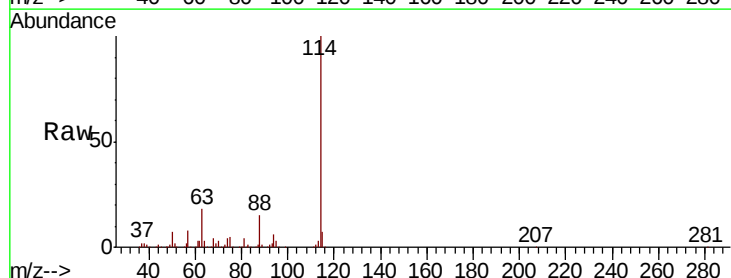
Tgt Ion: 114 Resp: 205594

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.8

88 15.3 0.0 29.0

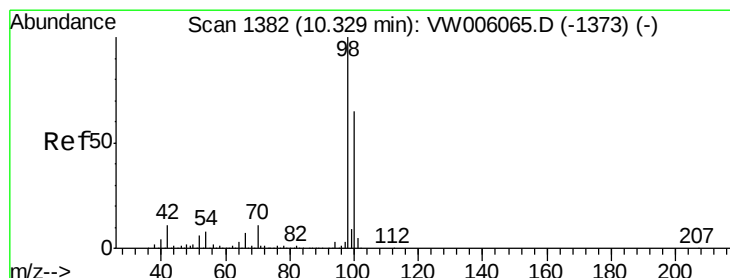
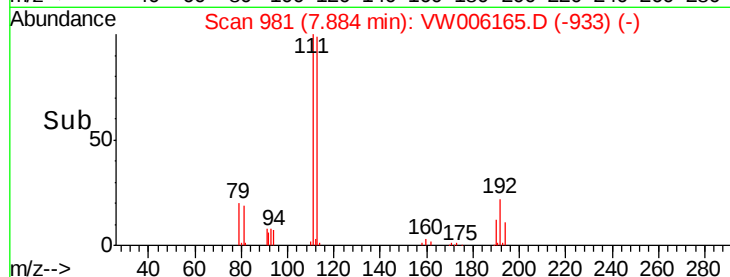
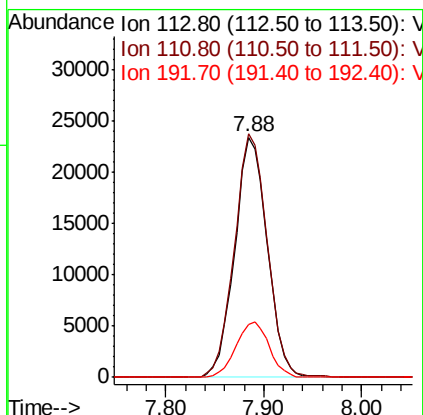
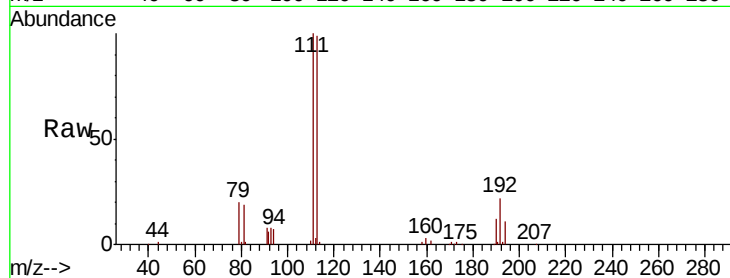




#35
 Dibromofluoromethane
 Concen: 44.447 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006165.D
 Acq: 18 Oct 2018 10:06

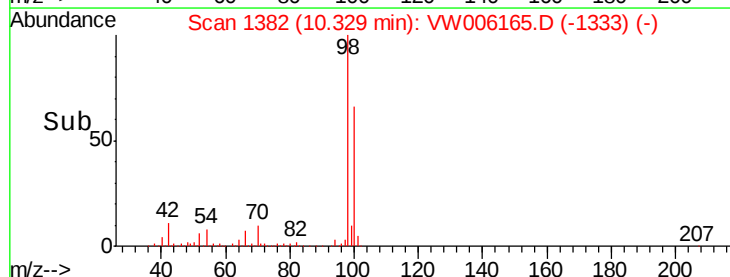
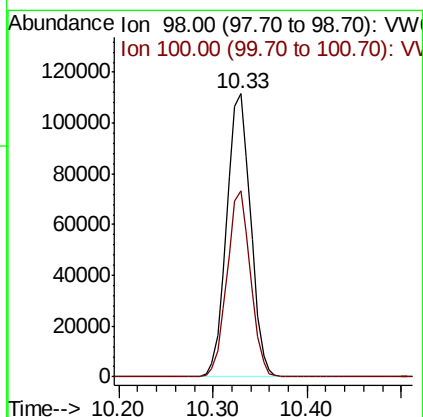
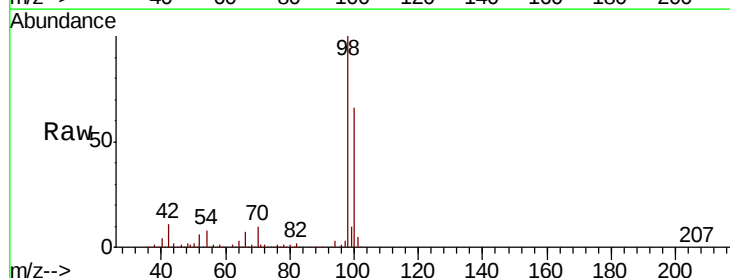
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-8-3-5FTRE

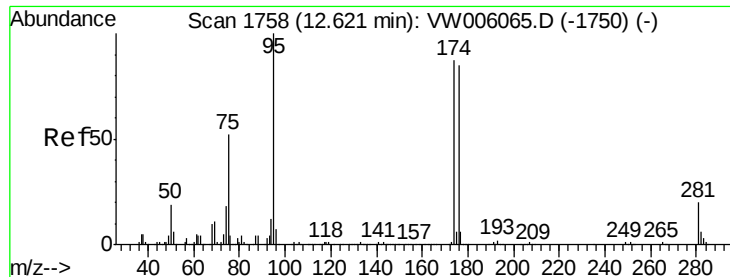
Tot Ion:113 Resp: 53996
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.4 122.0
 192 23.4 18.7 28.1



#50
 Toluene-d8
 Concen: 42.601 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VW006165.D
 Acq: 18 Oct 2018 10:06

Tgt Ion: 98 Resp: 196898
 Ion Ratio Lower Upper
 98 100
 100 64.3 51.6 77.4





#62

4-Bromofluorobenzene

Concen: 36.836 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006165.D

Acq: 18 Oct 2018 10:06

Instrument :

MSVOA_W

ClientSampleId :

SB-8-3-5FTRE

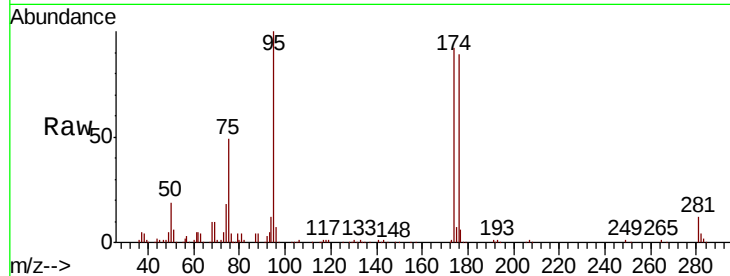
Tot Ion: 95 Resp: 63944

Ion Ratio Lower Upper

95 100

174 94.5 0.0 186.0

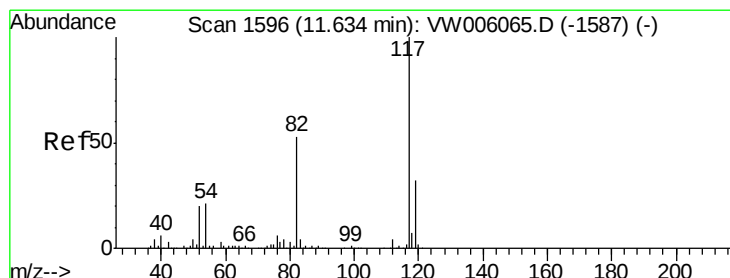
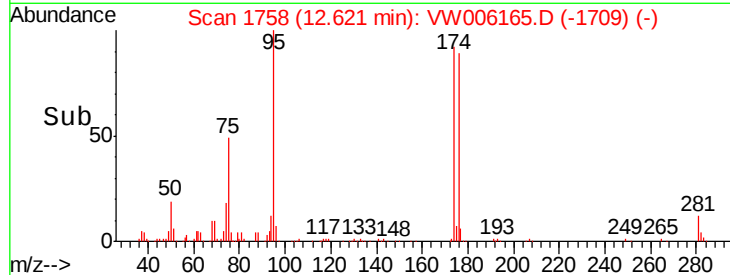
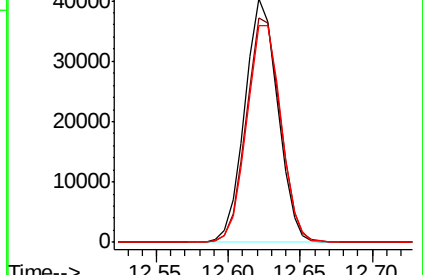
176 92.5 0.0 181.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW006165.D

Acq: 18 Oct 2018 10:06

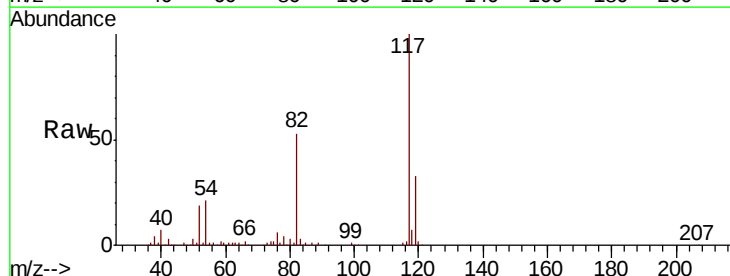
Tgt Ion: 117 Resp: 168622

Ion Ratio Lower Upper

117 100

82 52.6 42.1 63.1

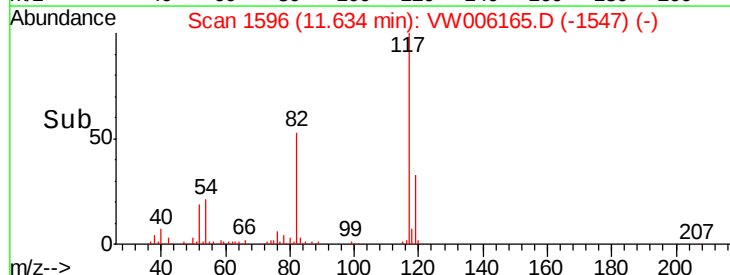
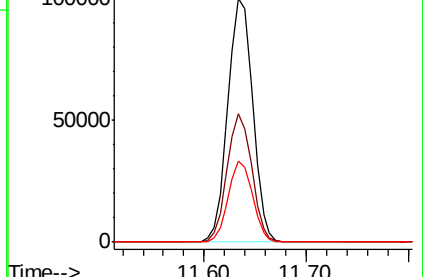
119 33.3 25.8 38.6

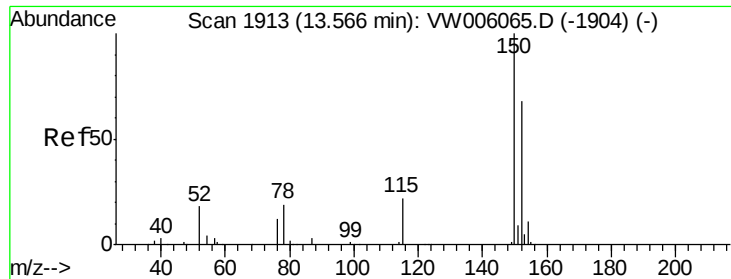


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006165.D

Acq: 18 Oct 2018 10:06

Instrument :

MSVOA_W

ClientSampleId :

SB-8-3-5FTRE

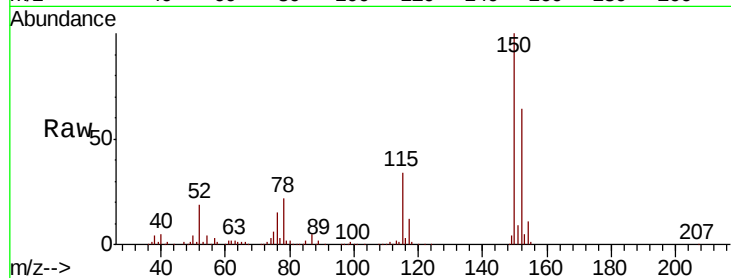
Tot Ion:152 Resp: 72672

Ion Ratio Lower Upper

152 100

115 54.1 27.8 83.3

150 155.4 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

