

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005096.D
 Acq On : 04 Sep 2018 22:21
 Operator : SY/AP
 Sample : J4712-04
 Misc : 5.99G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-09

Quant Time: Sep 05 05:09:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

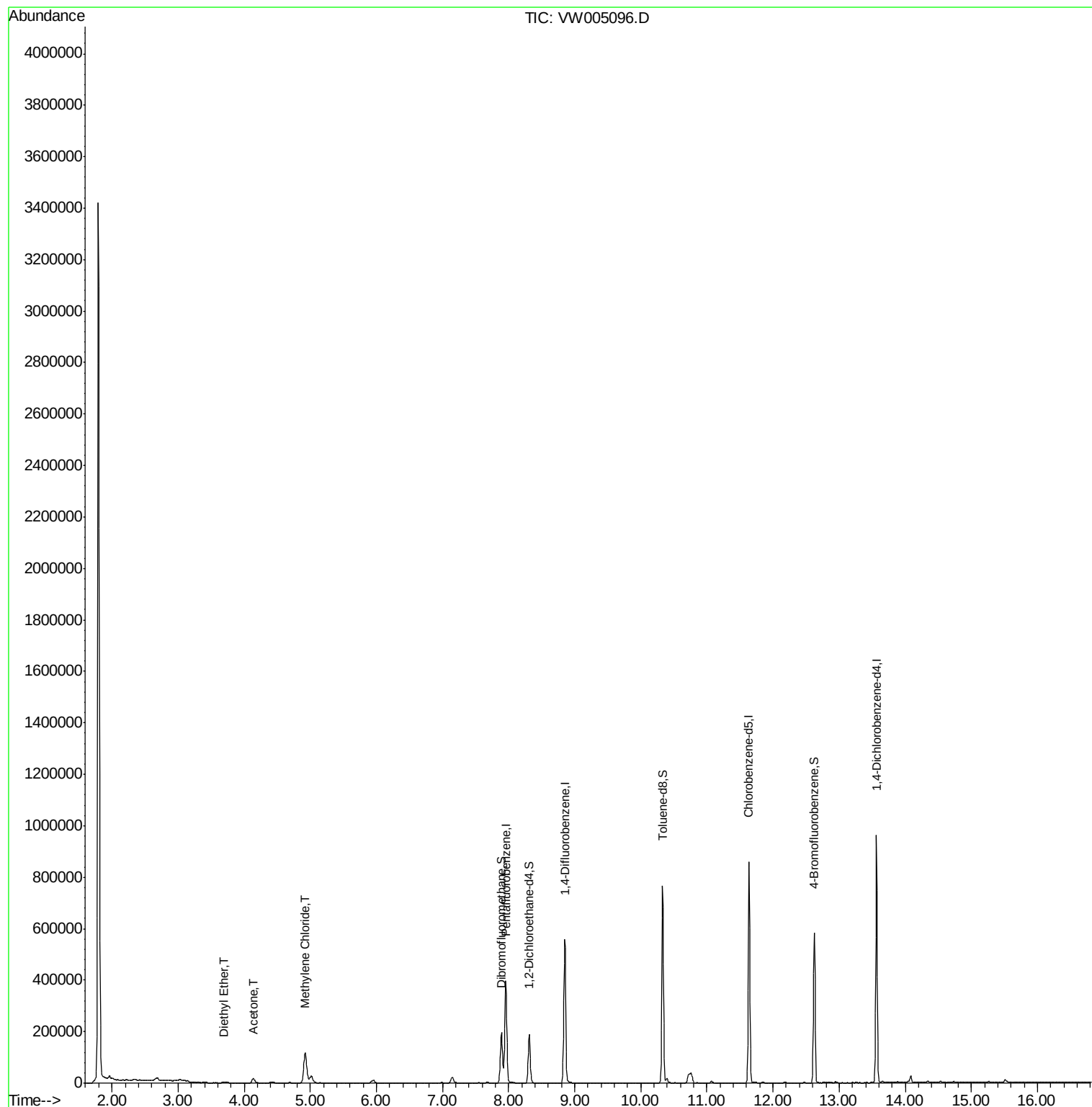
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	327737	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	497013	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	523650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	270667	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	146157	53.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.60%	
35) Dibromofluoromethane	7.89	113	144478	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
50) Toluene-d8	10.33	98	529552	40.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.02%	
62) 4-Bromofluorobenzene	12.62	95	184706	39.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.16%	
Target Compounds						
8) Diethyl Ether	3.68	74	1760	1.16	ug/l	Qvalue 87
16) Acetone	4.14	43	28437	52.19	ug/l #	88
20) Methylene Chloride	4.92	84	98721	24.86	ug/l	99

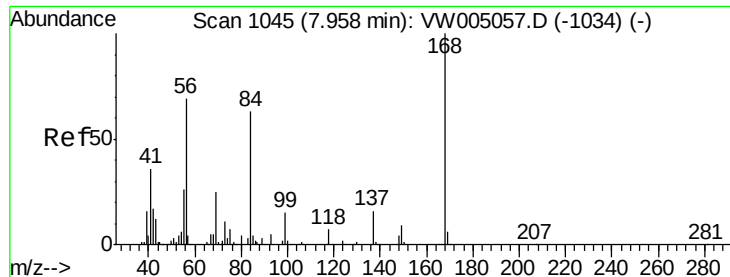
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090418\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005096.D

Acq: 04 Sep 2018 22:21

Instrument :

MSVOA_W

ClientSampled :

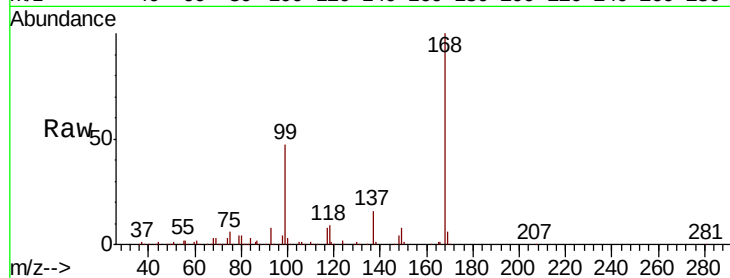
SB-09

Tot Ion:168 Resp: 327737

Ion Ratio Lower Upper

168 100

99 46.8 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

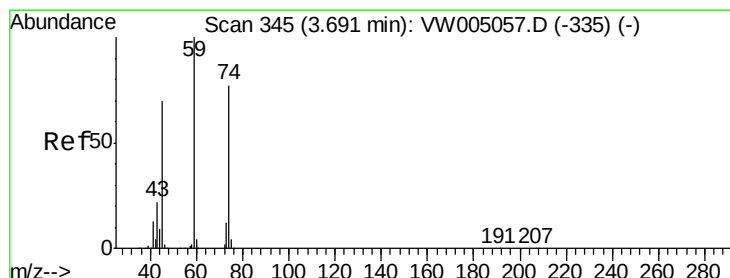
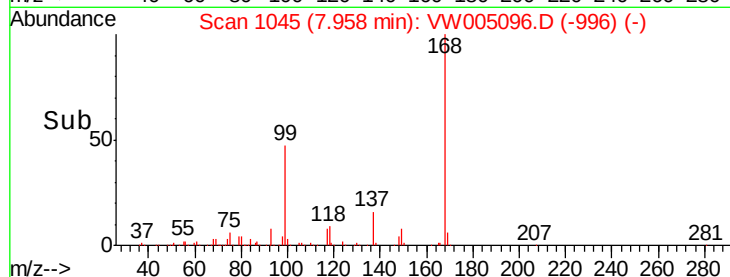
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 1.16 ug/l

RT: 3.68 min Scan# 344

Delta R.T. -0.01 min

Lab File: VW005096.D

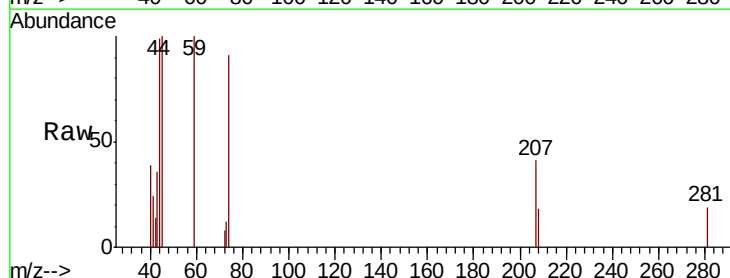
Acq: 04 Sep 2018 22:21

Tgt Ion: 74 Resp: 1760

Ion Ratio Lower Upper

74 100

45 104.0 46.0 137.8



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

800

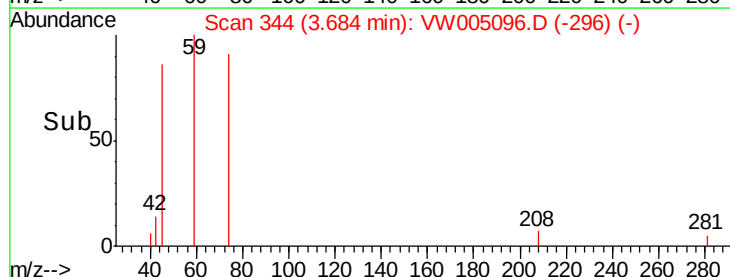
600

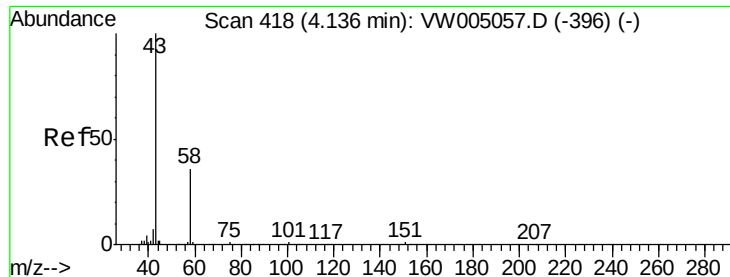
400

200

0

Time--> 3.60 3.65 3.70 3.75





#16

Acetone

Concen: 52.19 ug/l

RT: 4.14 min Scan# 418

Delta R.T. -0.00 min

Lab File: VW005096.D

Acq: 04 Sep 2018 22:21

Instrument :

MSVOA_W

ClientSampled :

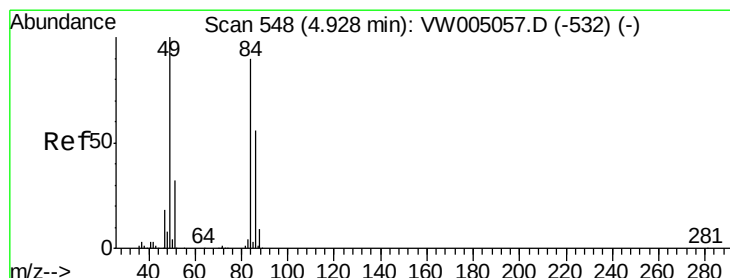
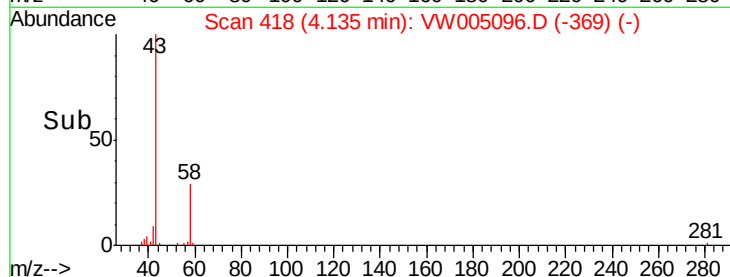
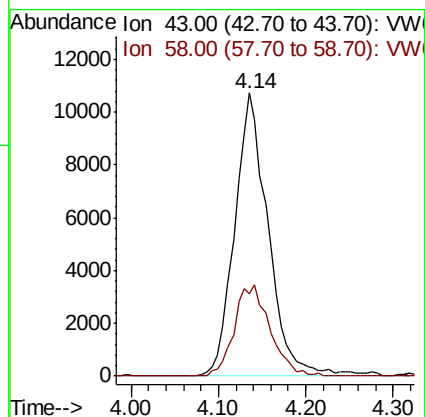
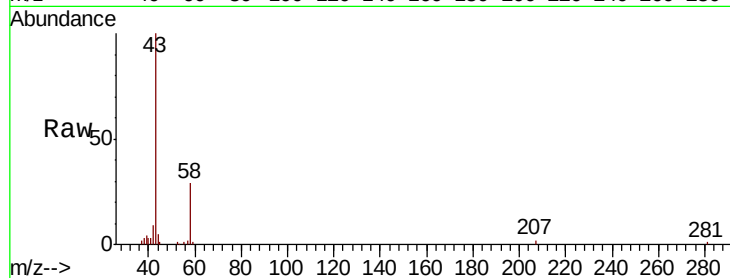
SB-09

Tot Ion: 43 Resp: 28437

Ion Ratio Lower Upper

43 100

58 28.9 29.0 43.6#



#20

Methylene Chloride

Concen: 24.86 ug/l

RT: 4.92 min Scan# 547

Delta R.T. -0.01 min

Lab File: VW005096.D

Acq: 04 Sep 2018 22:21

Tgt Ion: 84 Resp: 98721

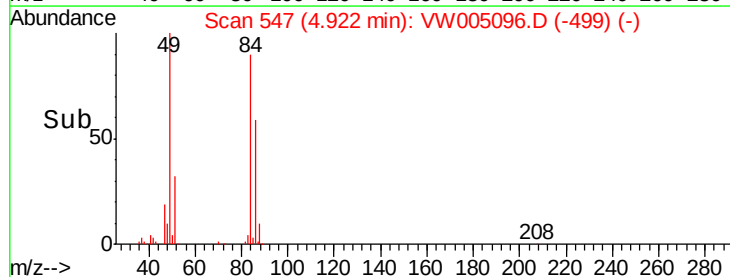
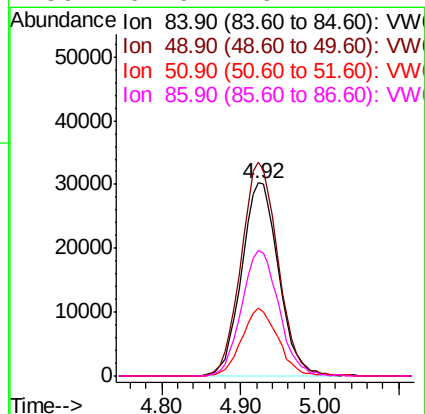
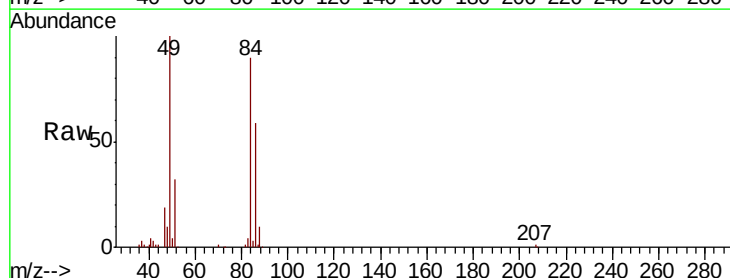
Ion Ratio Lower Upper

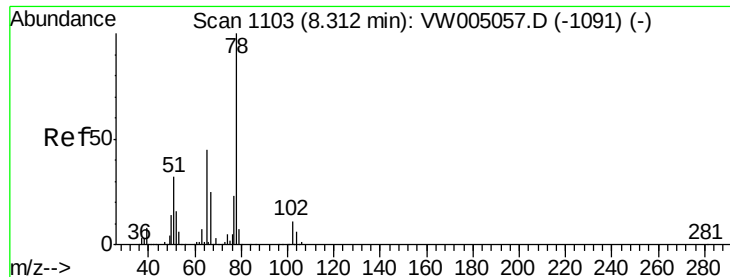
84 100

49 110.8 88.7 133.1

51 35.2 28.6 42.8

86 64.9 49.4 74.2





#33

1,2-Dichloroethane-d4

Concen: 53.80 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW005096.D

Acq: 04 Sep 2018 22:21

Instrument :

MSVOA_W

ClientSampleId :

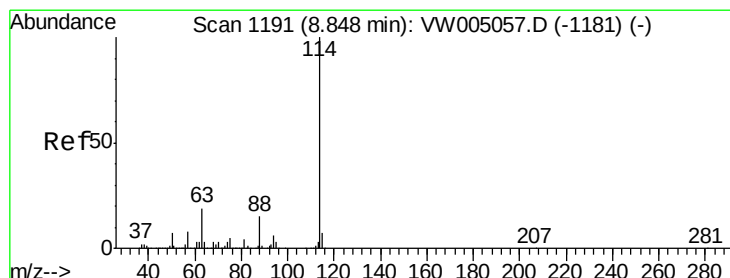
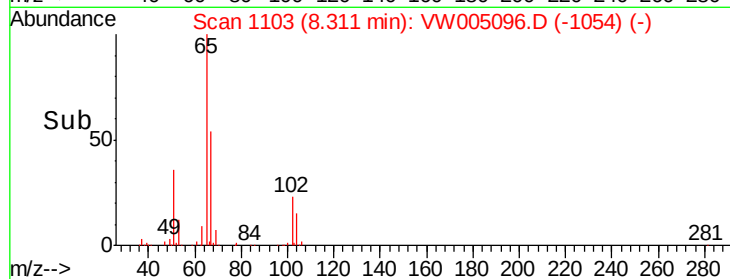
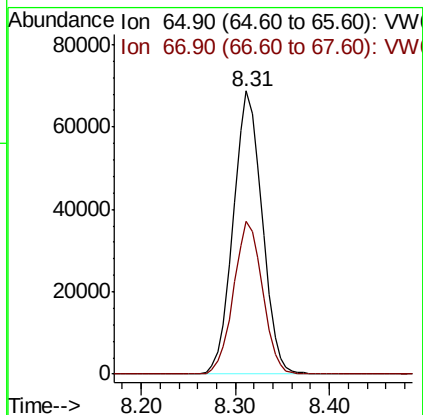
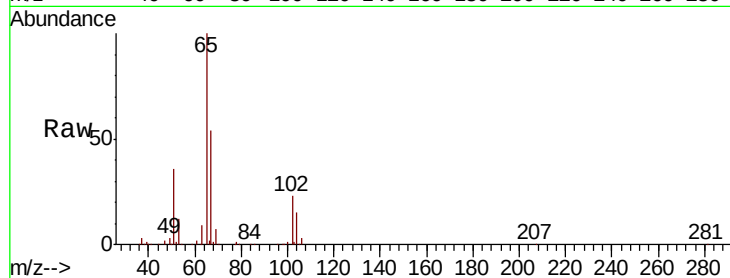
SB-09

Tot Ion: 65 Resp: 146157

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW005096.D

Acq: 04 Sep 2018 22:21

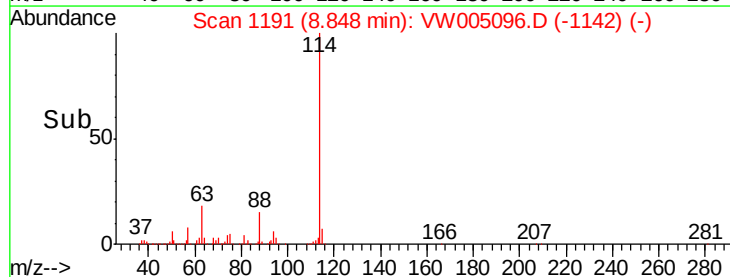
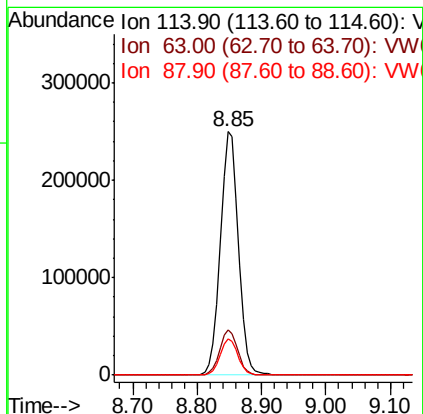
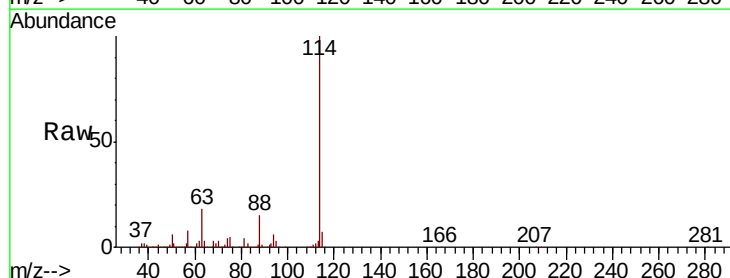
Tgt Ion: 114 Resp: 497013

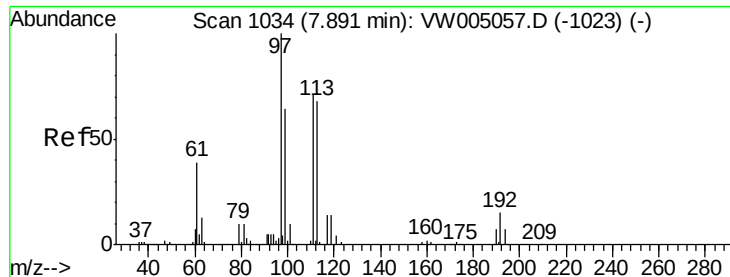
Ion Ratio Lower Upper

114 100

63 18.3 0.0 38.0

88 15.1 0.0 30.2

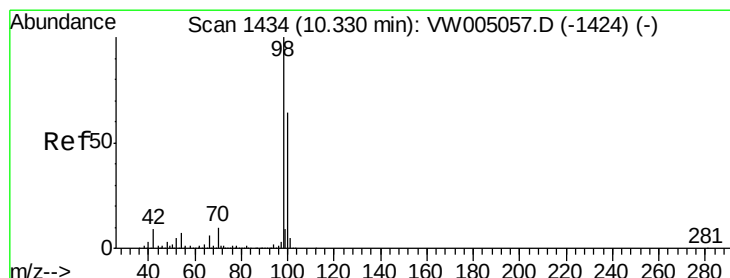
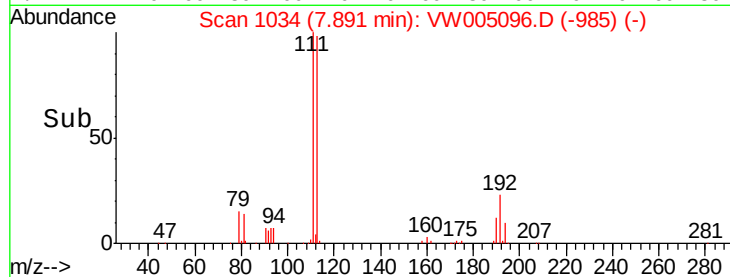
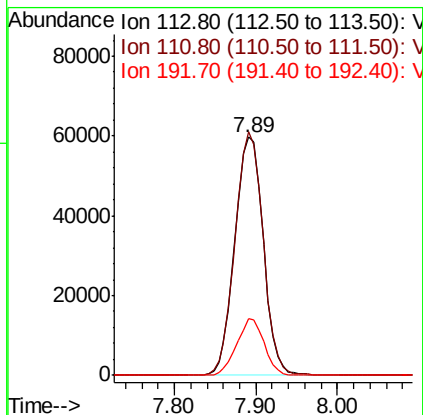
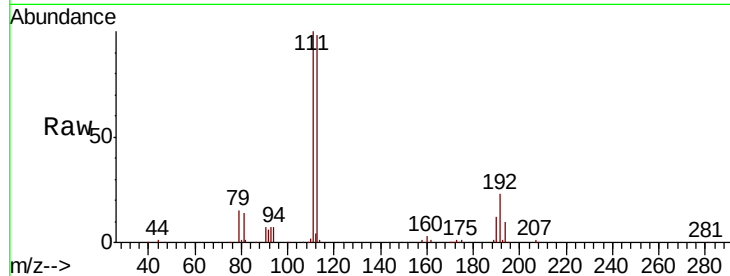




#35
 Dibromofluoromethane
 Concen: 50.30 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005096.D
 Acq: 04 Sep 2018 22:21

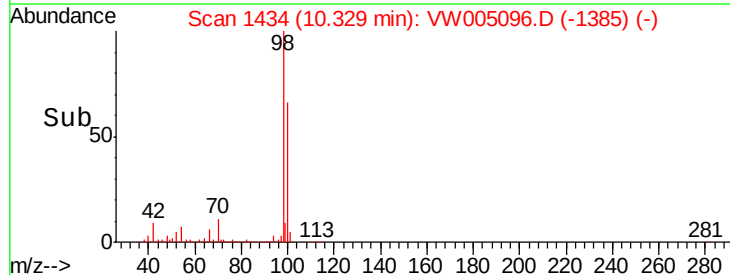
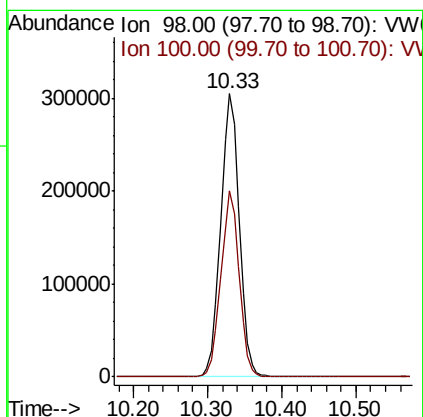
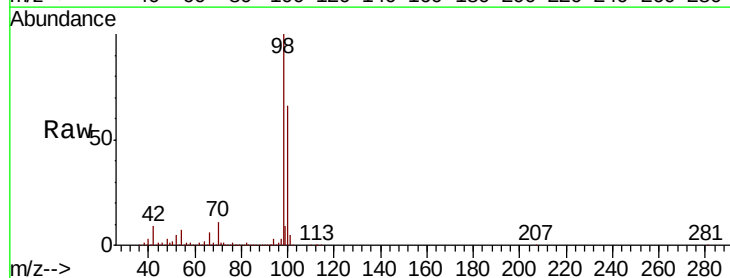
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-09

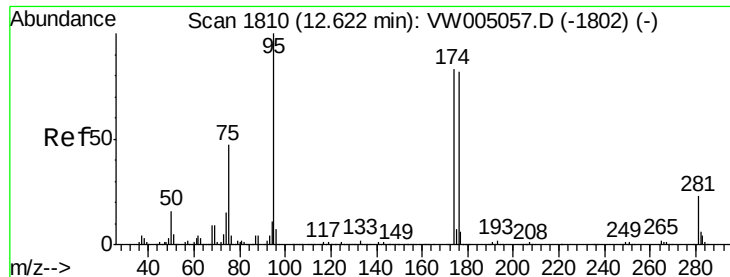
Tot Ion:113 Resp: 144478
 Ion Ratio Lower Upper
 113 100
 111 100.6 82.2 123.2
 192 22.8 18.1 27.1



#50
 Toluene-d8
 Concen: 40.01 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW005096.D
 Acq: 04 Sep 2018 22:21

Tgt Ion: 98 Resp: 529552
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 39.58 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW005096.D

Acq: 04 Sep 2018 22:21

Instrument :

MSVOA_W

ClientSampled :

SB-09

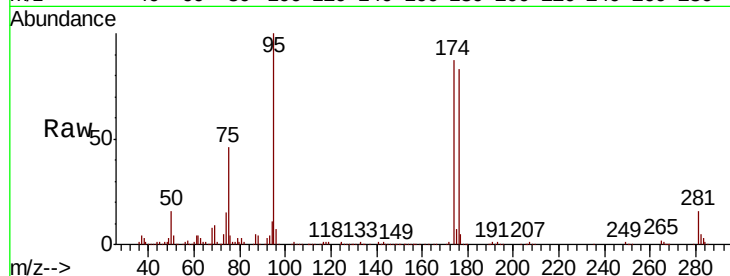
Tot Ion: 95 Resp: 184706

Ion Ratio Lower Upper

95 100

174 91.7 0.0 173.4

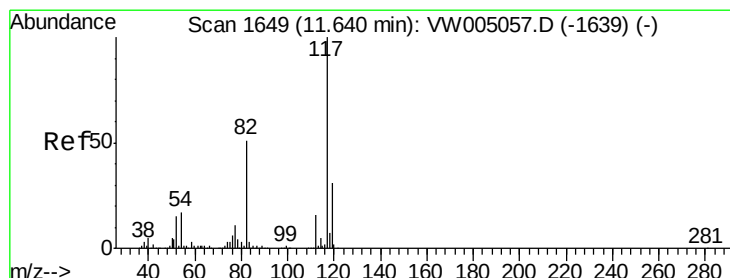
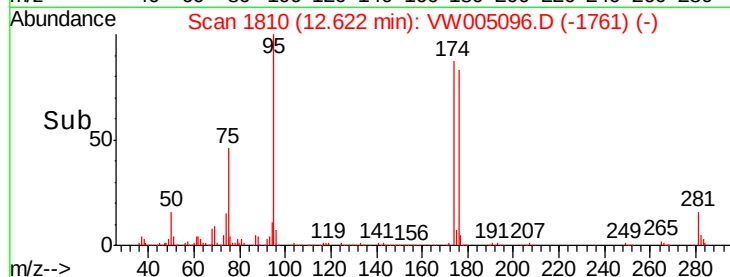
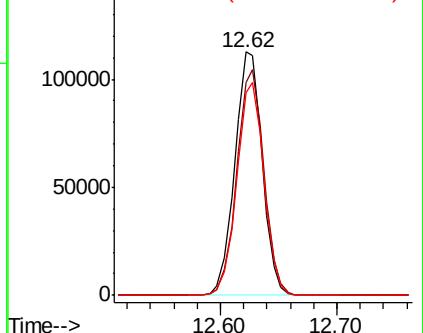
176 86.5 0.0 167.4



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: 50.00 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. -0.01 min

Lab File: VW005096.D

Acq: 04 Sep 2018 22:21

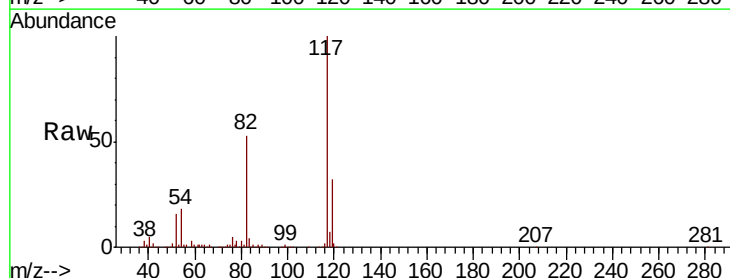
Tgt Ion: 117 Resp: 523650

Ion Ratio Lower Upper

117 100

82 53.4 40.9 61.3

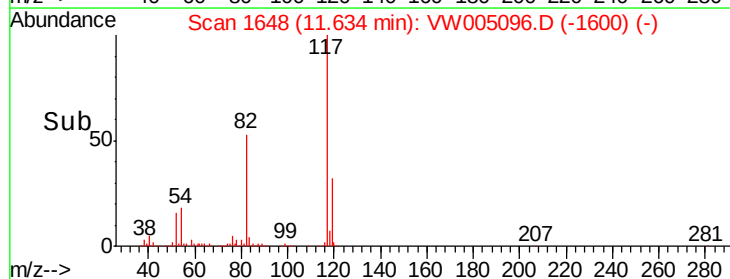
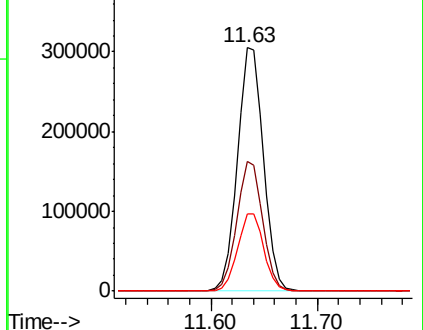
119 31.9 24.9 37.3

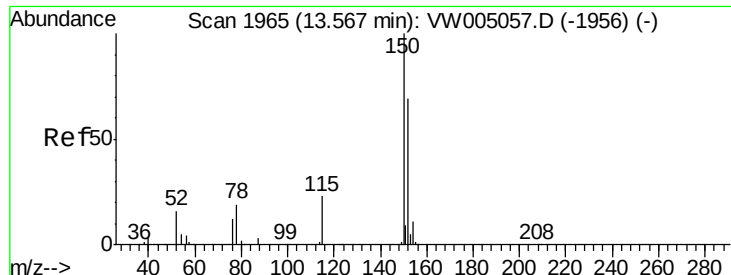


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW005096.D

Acq: 04 Sep 2018 22:21

Instrument :

MSVOA_W

ClientSampleId :

SB-09

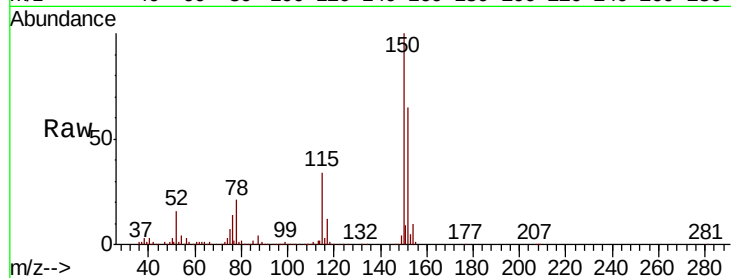
Tot Ion:152 Resp: 270667

Ion Ratio Lower Upper

152 100

115 54.9 27.8 83.4

150 156.9 0.0 351.4



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

