

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005119.D
 Acq On : 05 Sep 2018 09:48
 Operator : SY/AP
 Sample : J4712-11
 Misc : 5.16G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DW-06

Quant Time: Sep 05 11:17:15 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

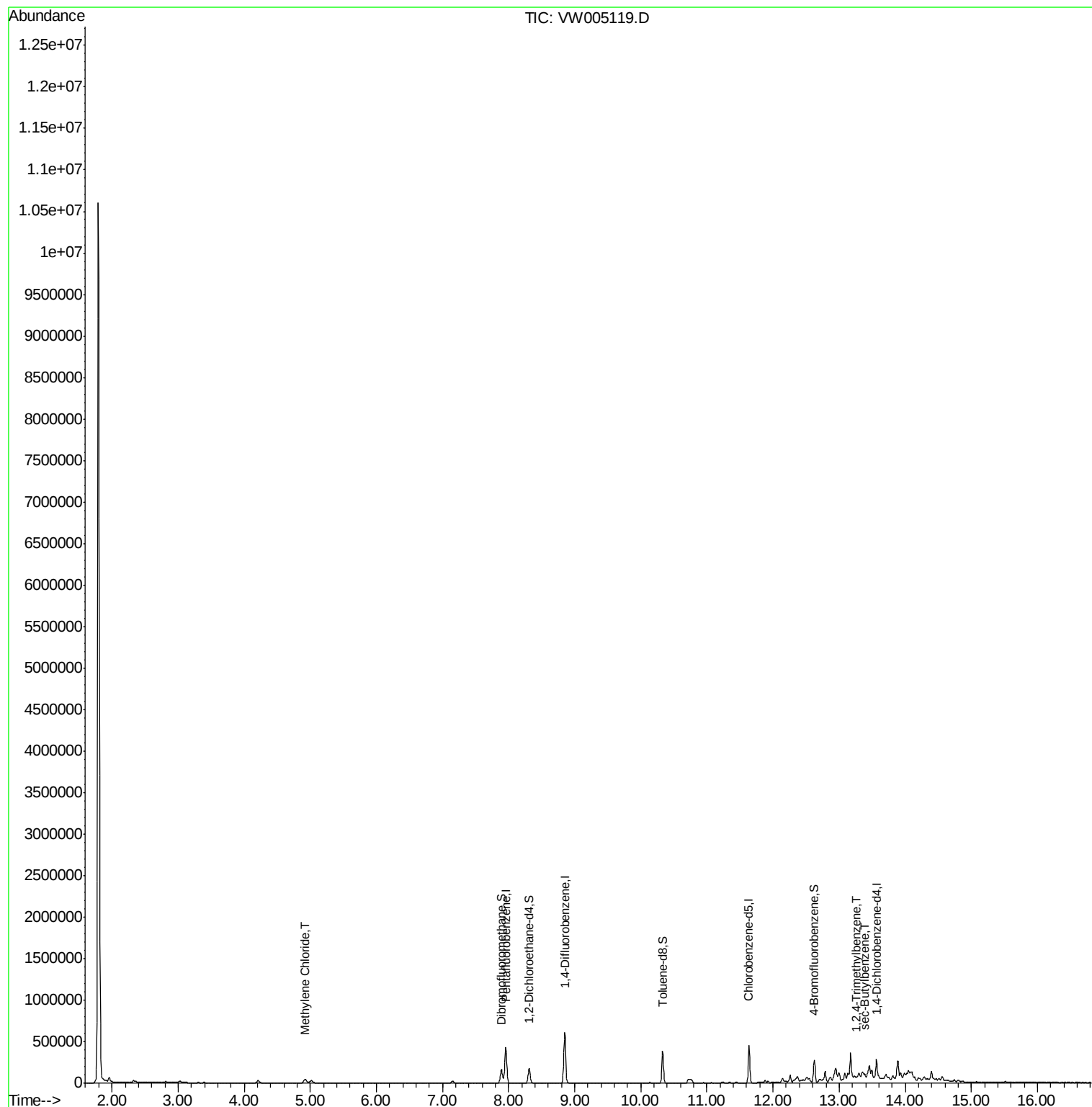
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	346638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	529583	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	267403	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	66512	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	140503	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
35) Dibromofluoromethane	7.89	113	122933	40.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.34%	
50) Toluene-d8	10.33	98	265183	18.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	37.62%	
62) 4-Bromofluorobenzene	12.63	95	65668	13.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	26.42%	
Target Compounds						
20) Methylene Chloride	4.93	84	36133	5.84	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	7596	1.84	ug/l	98
85) sec-Butylbenzene	13.39	105	11955	2.40	ug/l #	60

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

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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: VW005119.D

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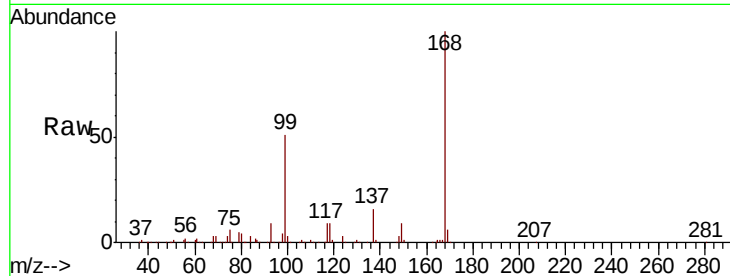
Instrument :
MSVOA_W
ClientSampleId :
DW-06

Tot Ion:168 Resp: 346638

Ion Ratio Lower Upper

168 100

99 50.6 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

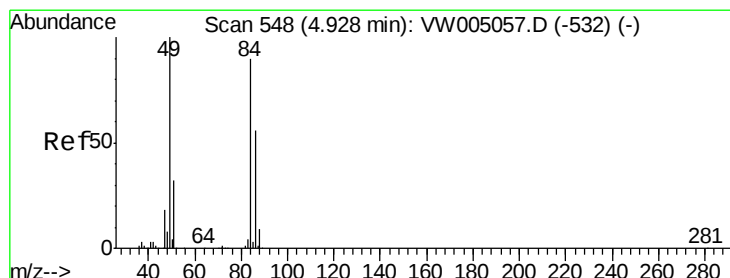
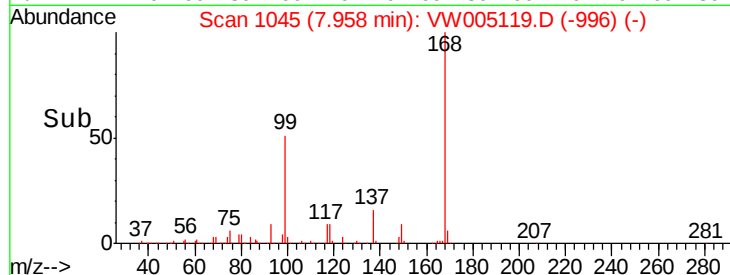
100000

50000

0

Time-->

7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 5.84 ug/l

RT: 4.93 min Scan# 548

Delta R.T. 0.00 min

Lab File: VW005119.D

Acq: 05 Sep 2018 09:48

Tgt Ion: 84 Resp: 36133

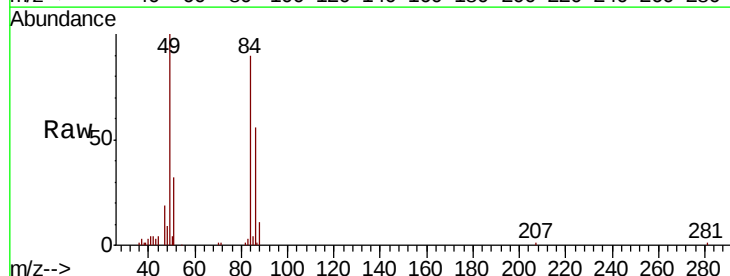
Ion Ratio Lower Upper

84 100

49 111.5 88.7 133.1

51 35.8 28.6 42.8

86 62.5 49.4 74.2



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

4.93

20000

15000

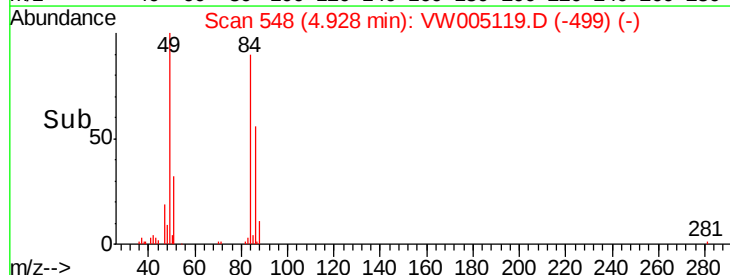
10000

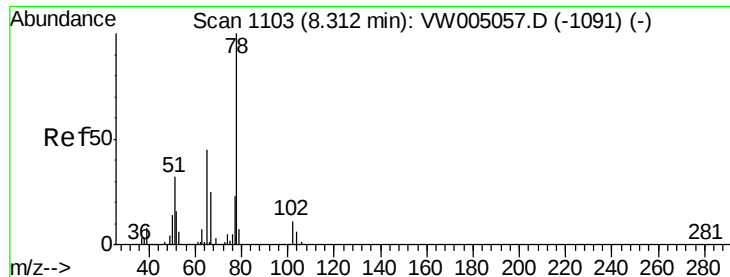
5000

0

Time-->

4.80 4.90 5.00 5.10





#33

1,2-Dichloroethane-d4

Concen: 48.90 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW005119.D

Acq: 05 Sep 2018 09:48

Instrument :

MSVOA_W

ClientSampleId :

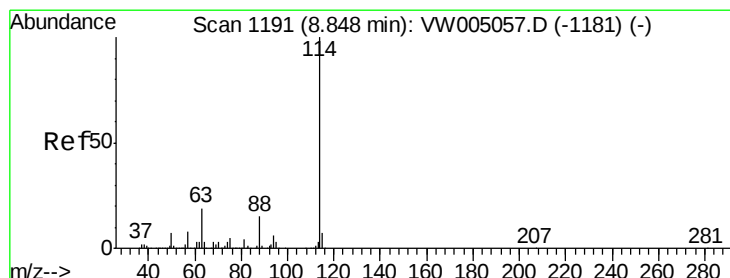
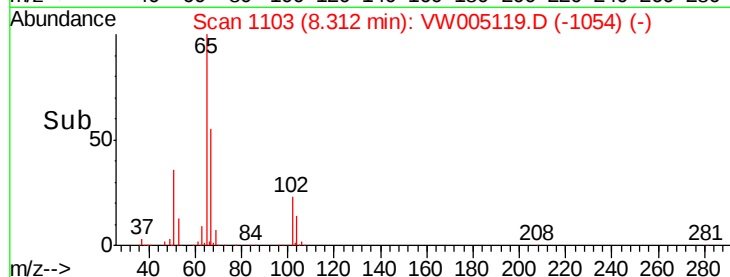
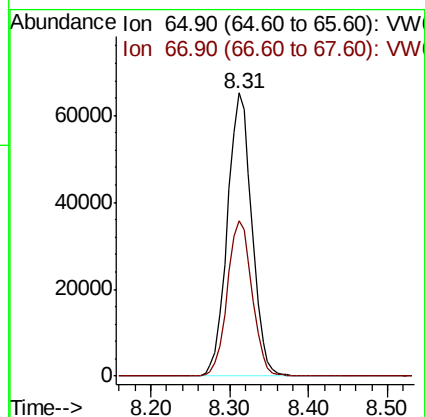
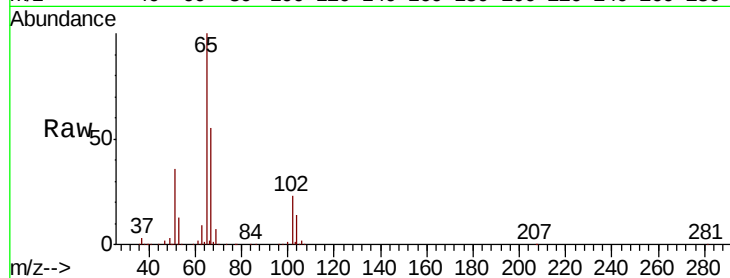
DW-06

Tot Ion: 65 Resp: 140503

Ion Ratio Lower Upper

65 100

67 55.6 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: VW005119.D

Acq: 05 Sep 2018 09:48

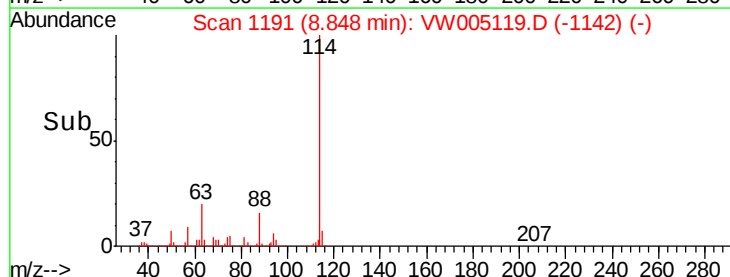
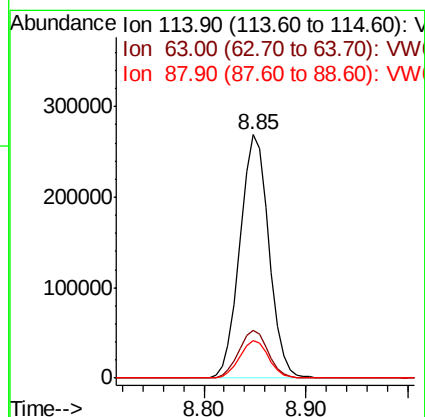
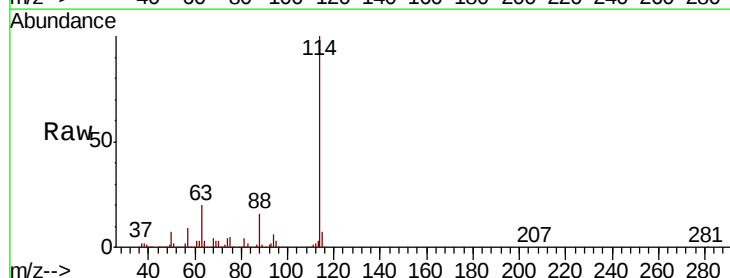
Tgt Ion: 114 Resp: 529583

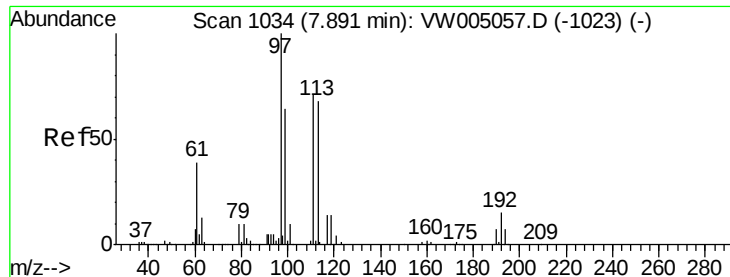
Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.0

88 15.7 0.0 30.2

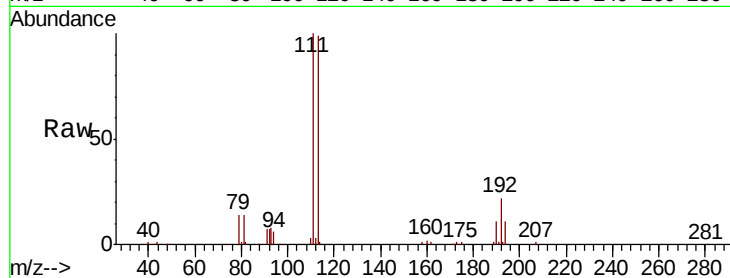




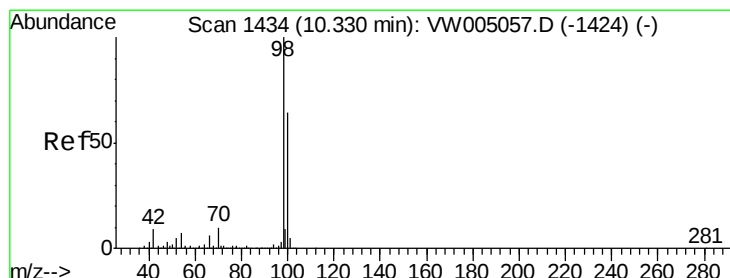
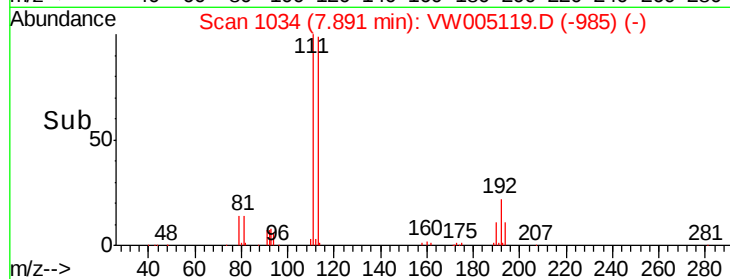
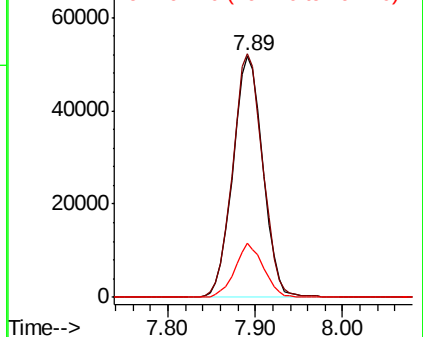
#35
 Dibromofluoromethane
 Concen: 40.17 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VW005119.D
 Acq: 05 Sep 2018 09:48

Instrument :
 MSVOA_W
 ClientSampleId :
 DW-06

Tot Ion:113 Resp: 122933
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.2 123.2
 192 21.3 18.1 27.1

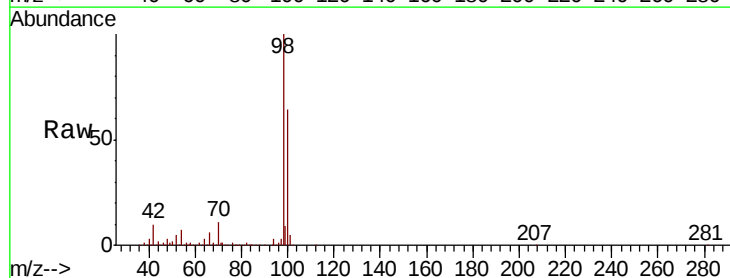


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

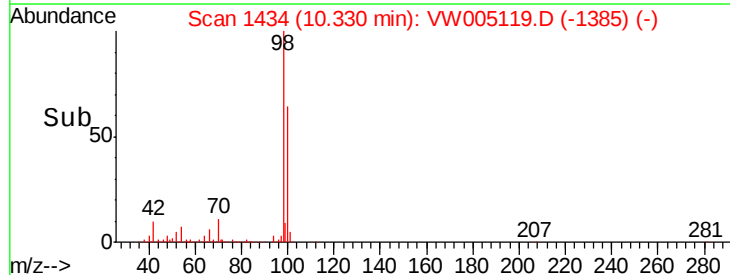
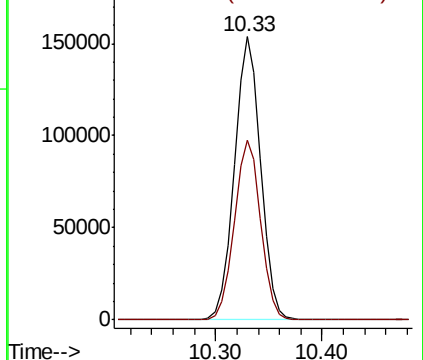


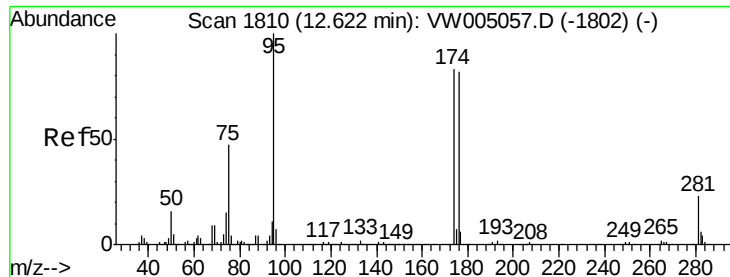
#50
 Toluene-d8
 Concen: 18.81 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW005119.D
 Acq: 05 Sep 2018 09:48

Tgt Ion: 98 Resp: 265183
 Ion Ratio Lower Upper
 98 100
 100 63.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 13.21 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW005119.D

Acq: 05 Sep 2018 09:48

Instrument :

MSVOA_W

ClientSampled :

DW-06

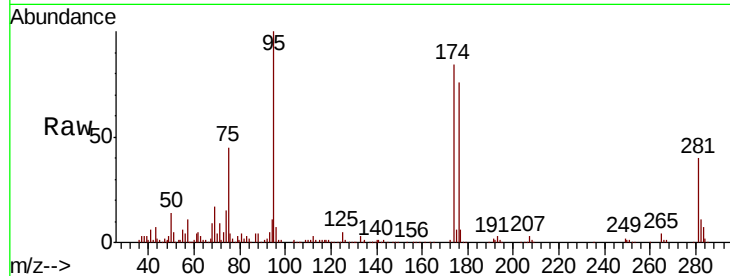
Tot Ion: 95 Resp: 65668

Ion Ratio Lower Upper

95 100

174 85.1 0.0 173.4

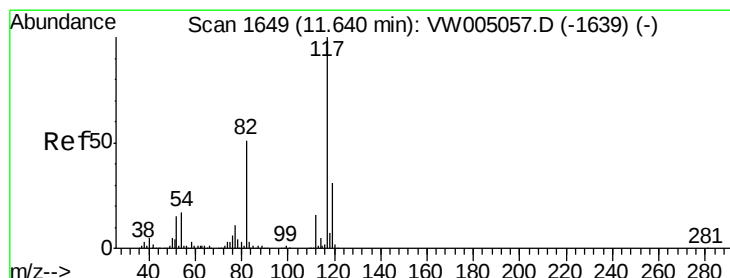
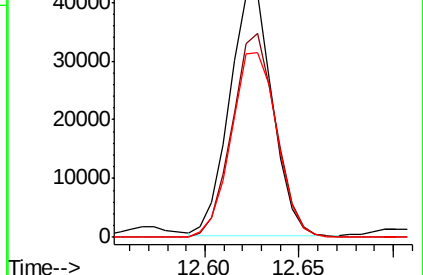
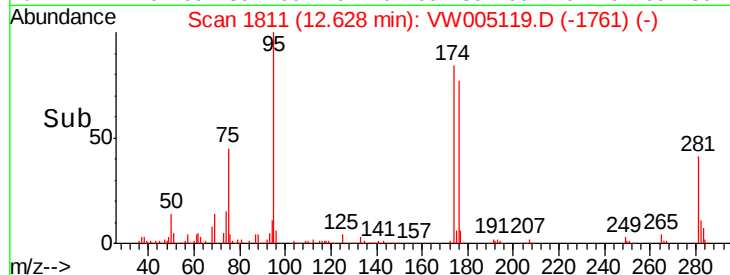
176 80.9 0.0 167.4



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: VW005119.D

Acq: 05 Sep 2018 09:48

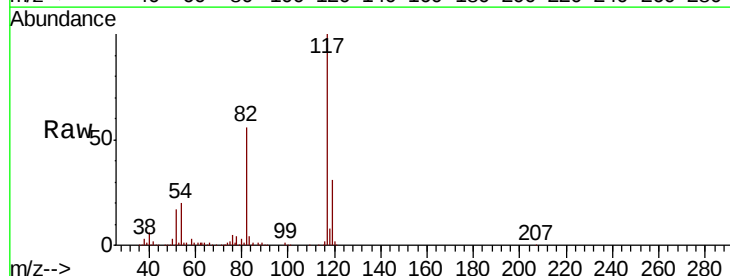
Tgt Ion: 117 Resp: 267403

Ion Ratio Lower Upper

117 100

82 55.6 40.9 61.3

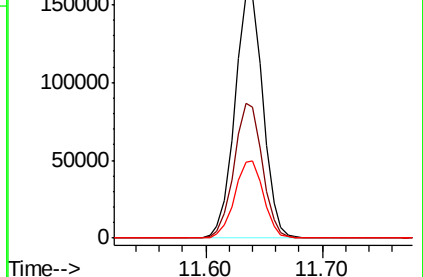
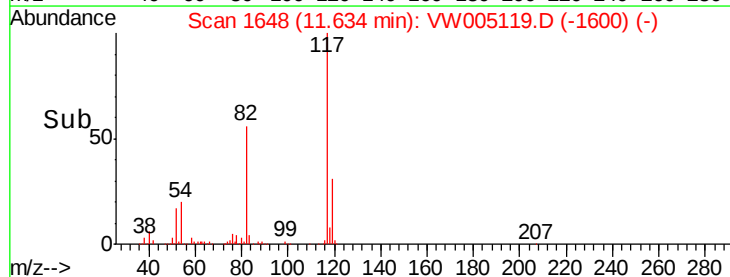
119 31.4 24.9 37.3

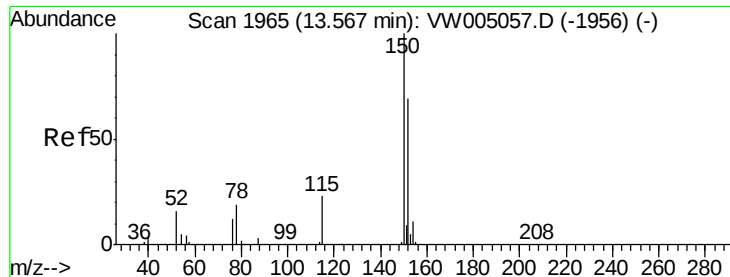


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW005119.D

Acq: 05 Sep 2018 09:48

Instrument :

MSVOA_W

ClientSampleId :

DW-06

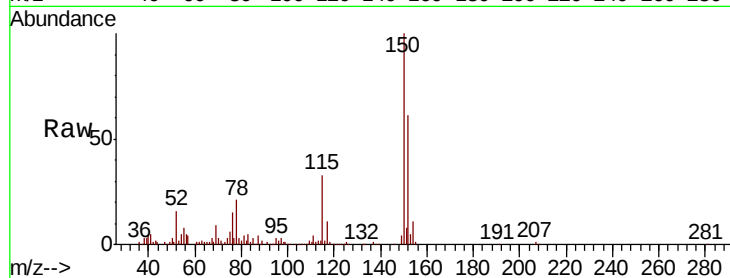
Tot Ion:152 Resp: 66512

Ion Ratio Lower Upper

152 100

115 55.6 27.8 83.4

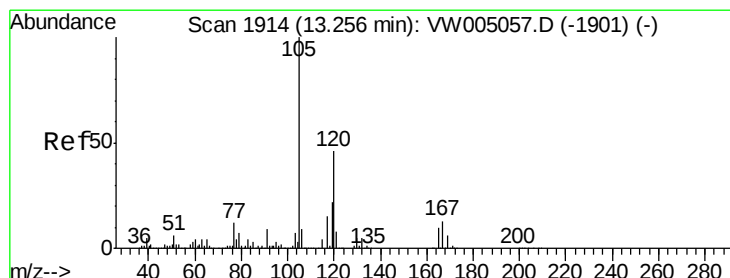
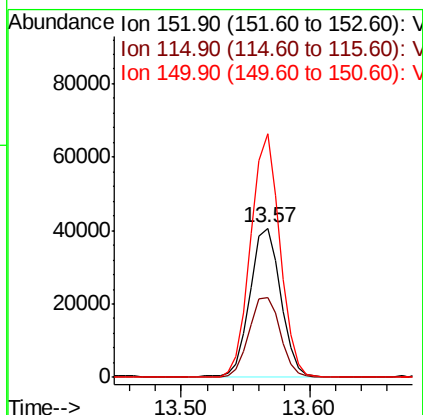
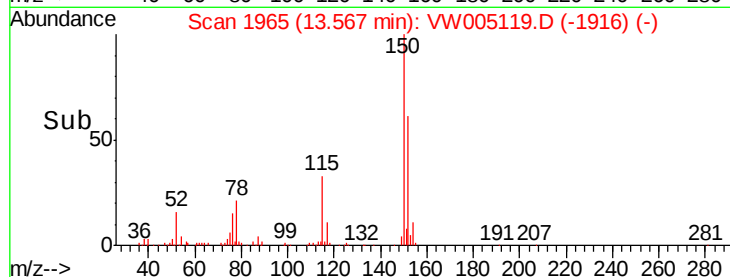
150 155.8 0.0 351.4



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



#84

1,2,4-Trimethylbenzene

Concen: 1.84 ug/l

RT: 13.26 min Scan# 1914

Delta R.T. 0.00 min

Lab File: VW005119.D

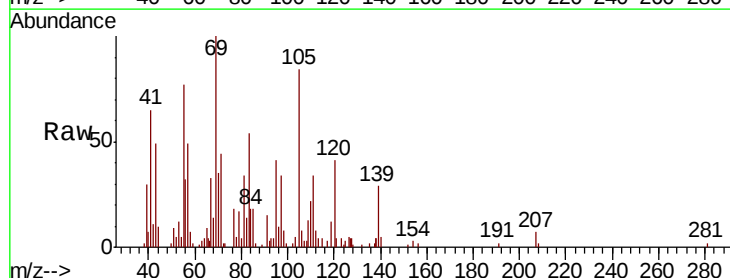
Acq: 05 Sep 2018 09:48

Tgt Ion:105 Resp: 7596

Ion Ratio Lower Upper

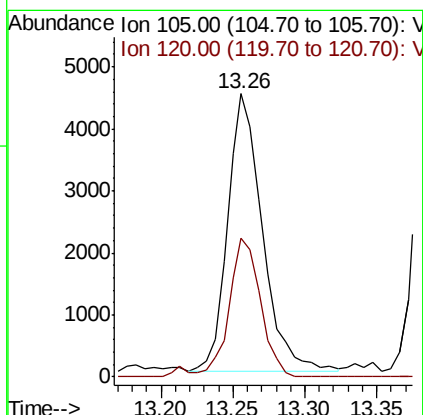
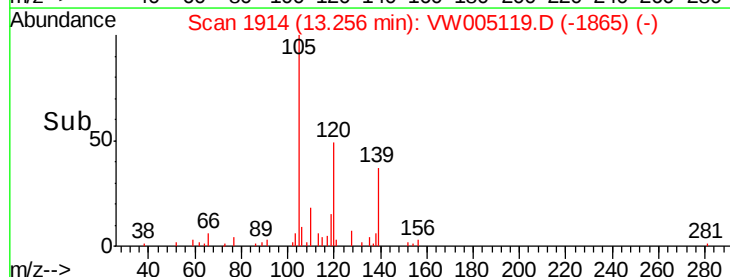
105 100

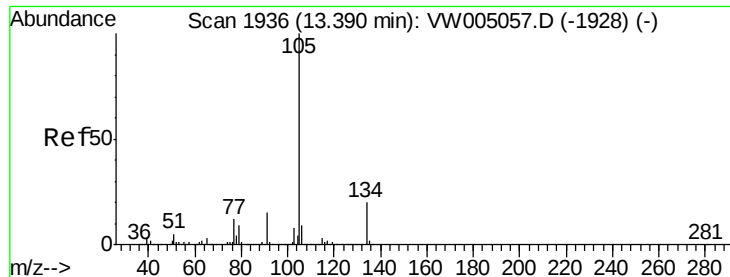
120 45.0 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 2.40 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VW005119.D

Acq: 05 Sep 2018 09:48

Instrument :

MSVOA_W

ClientSampleId :

DW-06

Tot Ion:105 Resp: 11955

Ion Ratio Lower Upper

105 100

134 38.8 10.1 30.3#

