

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031319\
 Data File : VW009165.D
 Acq On : 13 Mar 2019 19:36
 Operator : SY/VA
 Sample : K1897-06RE
 Misc : 5.82G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2RE

Quant Time: Mar 14 05:58:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

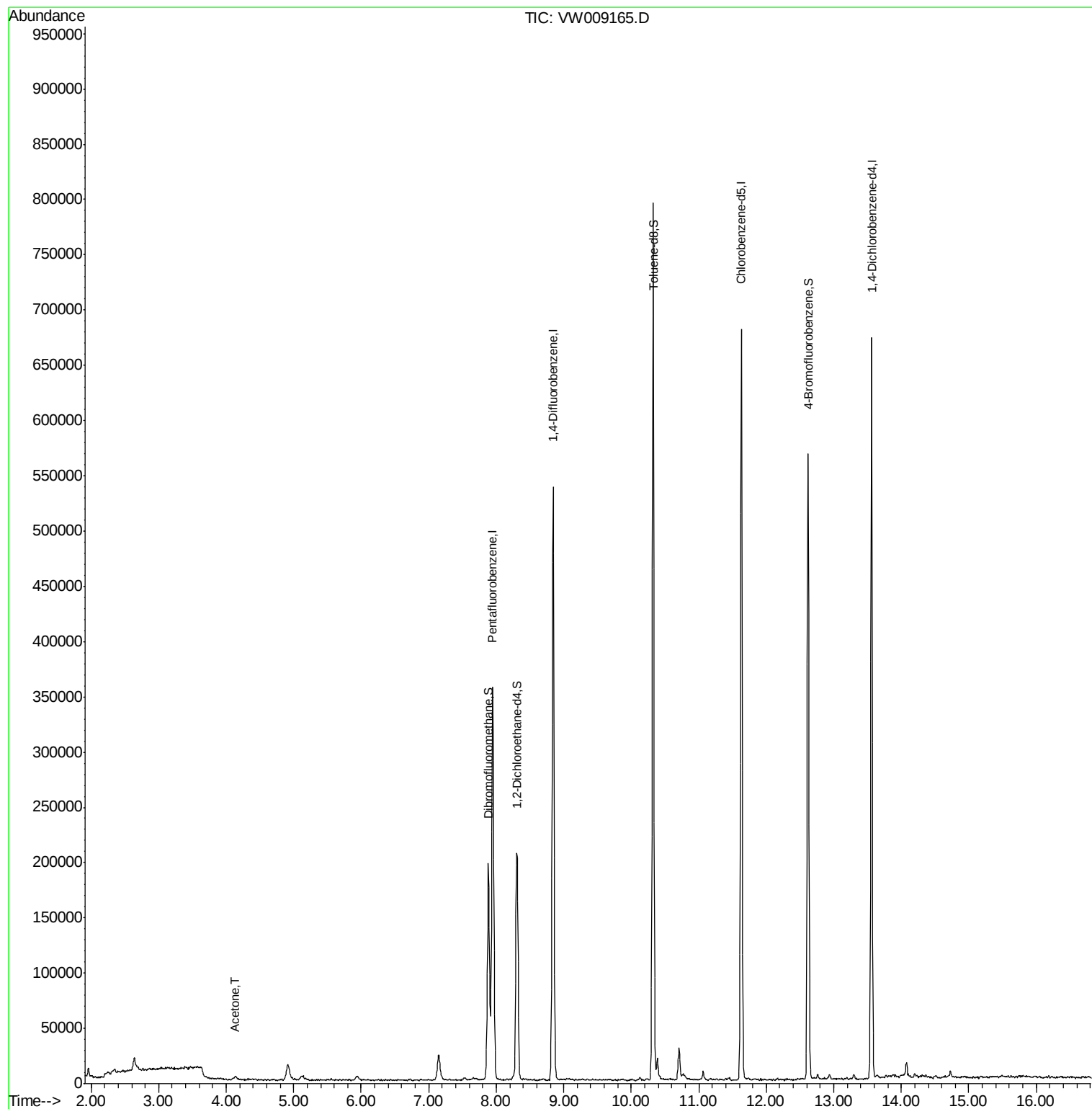
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	265876	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	419240	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	373458	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	159679	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	162492	60.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.50%	
35) Dibromofluoromethane	7.88	113	127625	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
50) Toluene-d8	10.32	98	499587	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
62) 4-Bromofluorobenzene	12.62	95	166770	40.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.72%	
Target Compounds						
16) Acetone	4.14	43	5456	9.039	ug/l	Qvalue 98

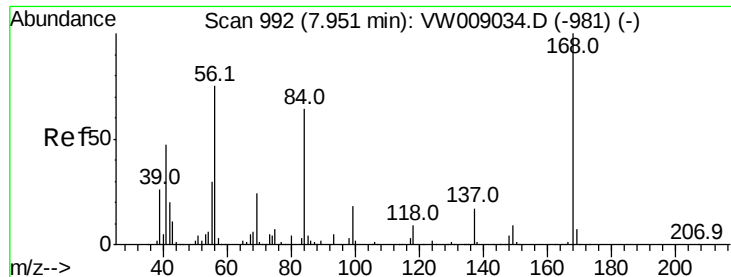
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW009165.D

Acq: 13 Mar 2019 19:36

Instrument :

MSVOA_W

ClientSampled :

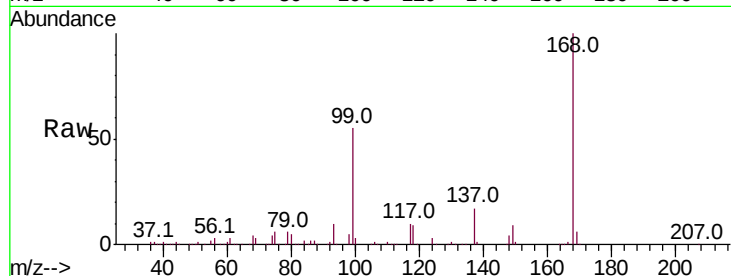
TP-2RE

Tot Ion:168 Resp: 265876

Ion Ratio Lower Upper

168 100

99 55.1 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

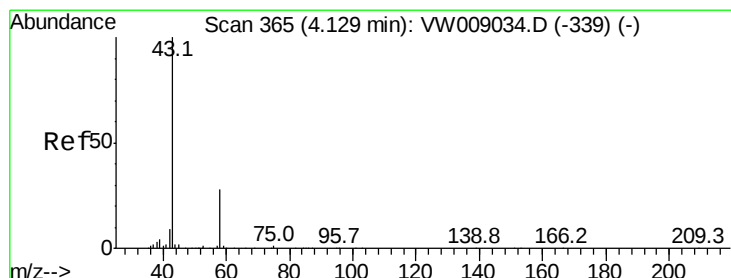
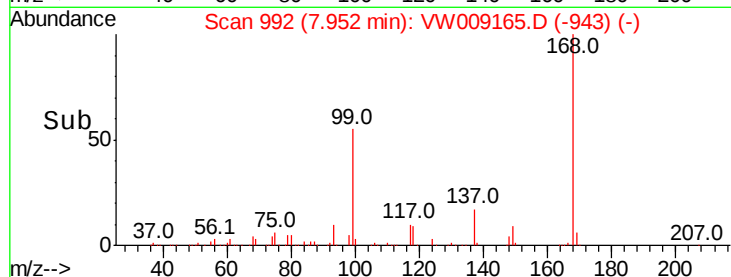
7.95

100000

50000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 9.039 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW009165.D

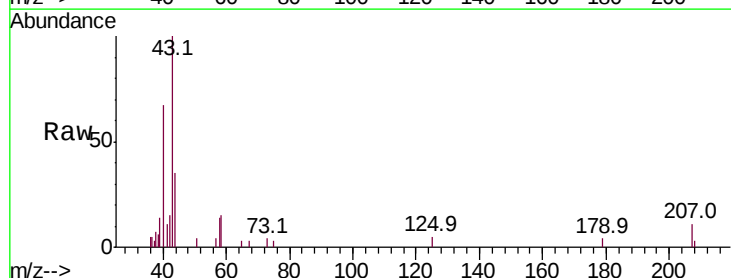
Acq: 13 Mar 2019 19:36

Tgt Ion: 43 Resp: 5456

Ion Ratio Lower Upper

43 100

58 29.2 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

2000

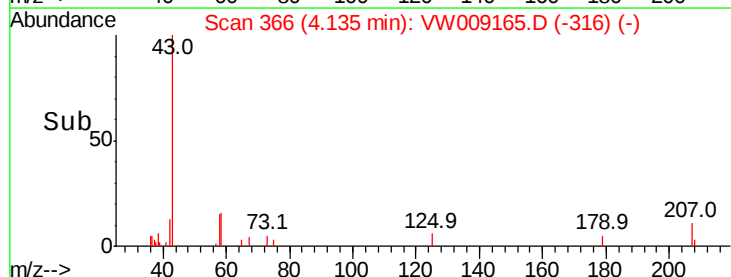
1500

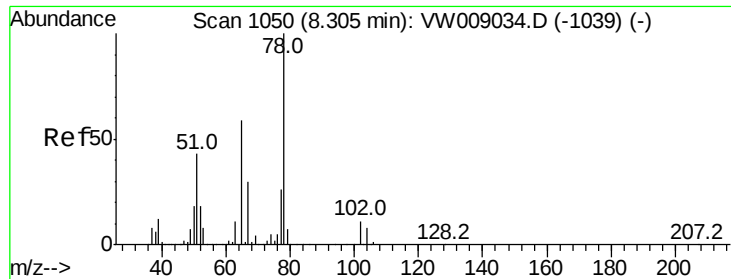
1000

500

0

Time--> 4.05 4.10 4.15 4.20 4.25





#33

1,2-Dichloroethane-d4

Concen: 60.745 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW009165.D

Acq: 13 Mar 2019 19:36

Instrument :

MSVOA_W

ClientSampleId :

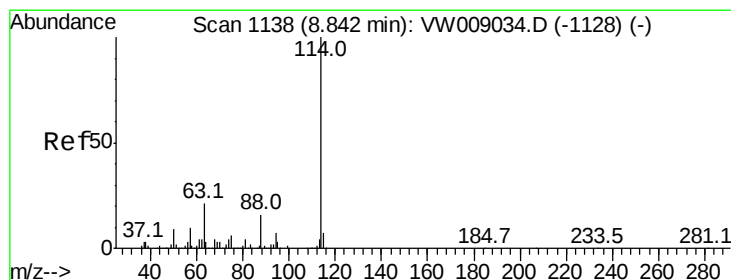
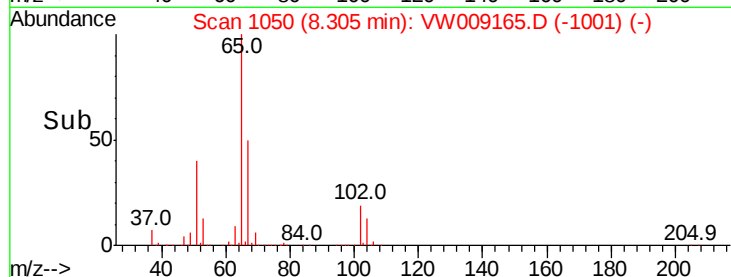
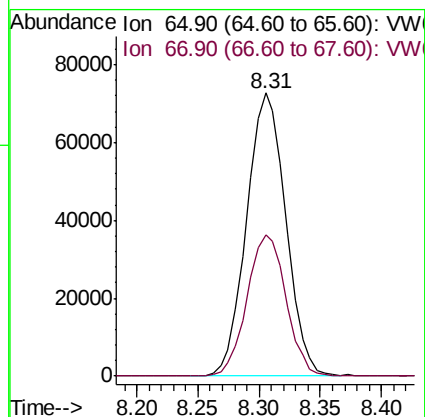
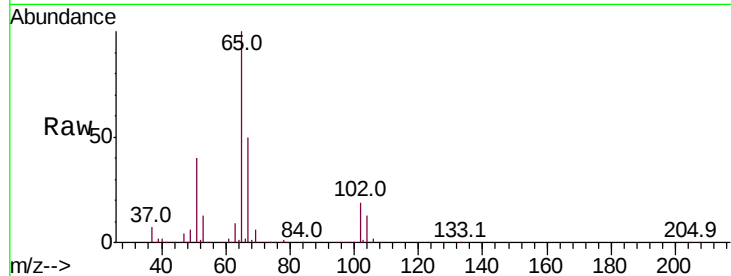
TP-2RE

Tot Ion: 65 Resp: 162492

Ion Ratio Lower Upper

65 100

67 49.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW009165.D

Acq: 13 Mar 2019 19:36

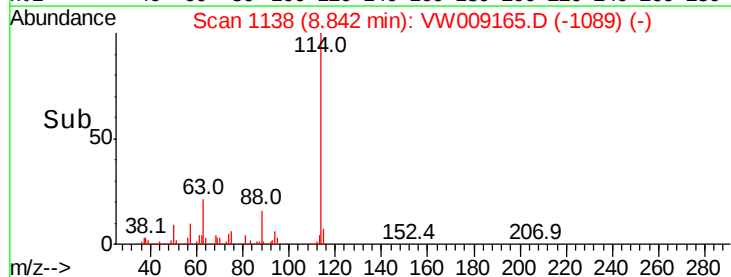
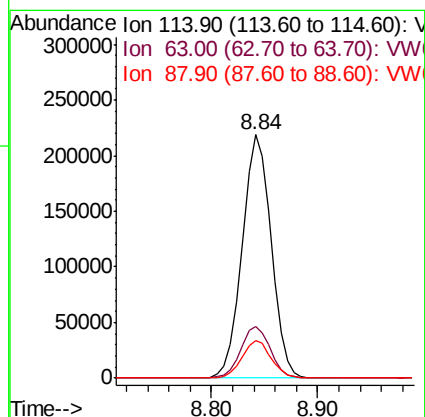
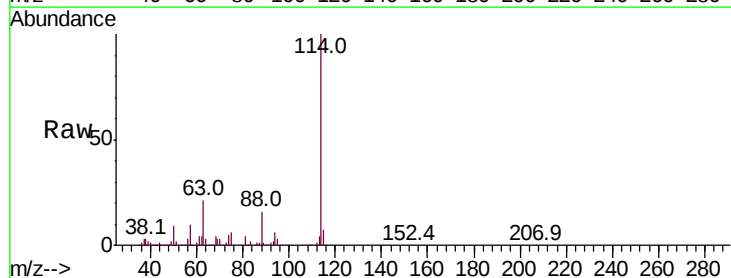
Tgt Ion: 114 Resp: 419240

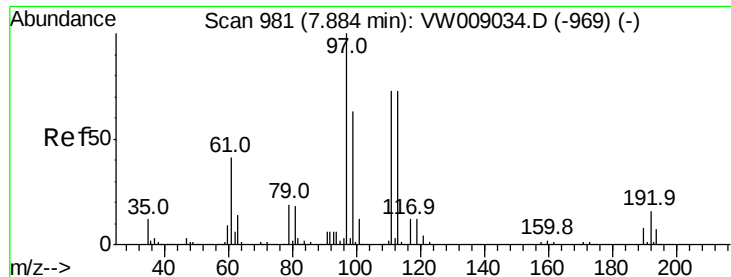
Ion Ratio Lower Upper

114 100

63 21.4 0.0 41.2

88 15.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 50.561 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW009165.D

Acq: 13 Mar 2019 19:36

Instrument :

MSVOA_W

ClientSampleId :

TP-2RE

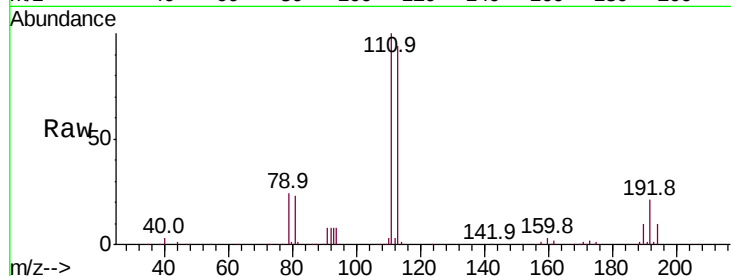
Tot Ion:113 Resp: 127625

Ion Ratio Lower Upper

113 100

111 102.8 81.0 121.4

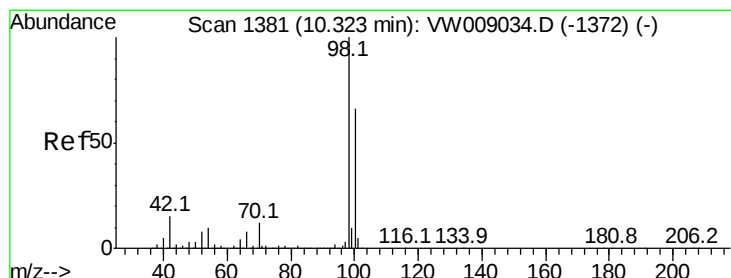
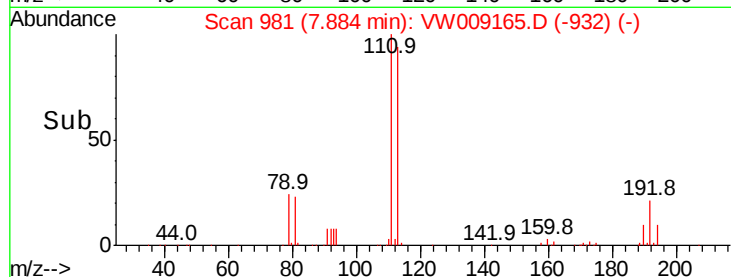
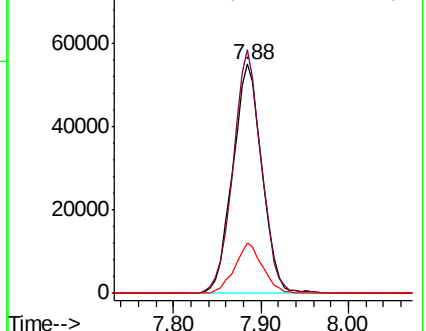
192 20.7 17.1 25.7



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: 48.189 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009165.D

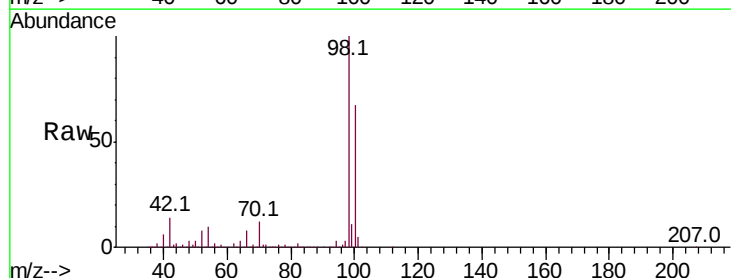
Acq: 13 Mar 2019 19:36

Tgt Ion: 98 Resp: 499587

Ion Ratio Lower Upper

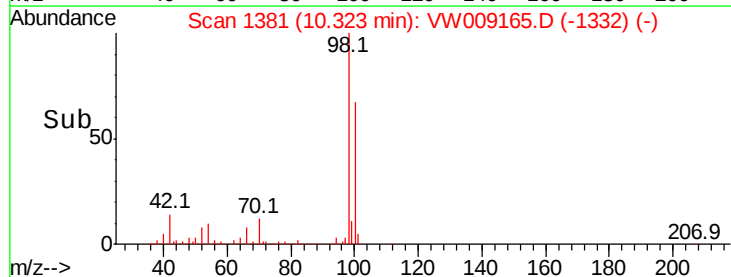
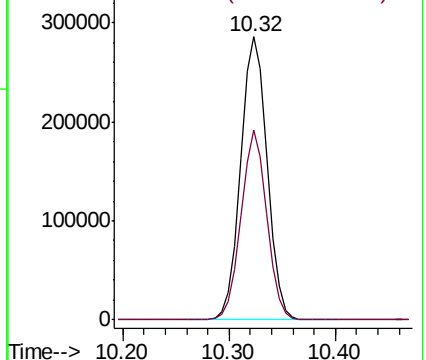
98 100

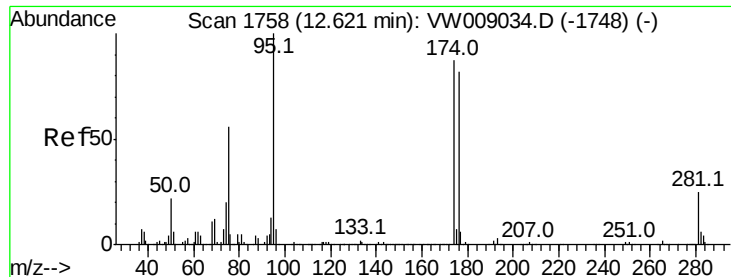
100 65.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 40.863 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW009165.D

Acq: 13 Mar 2019 19:36

Instrument :

MSVOA_W

ClientSampled :

TP-2RE

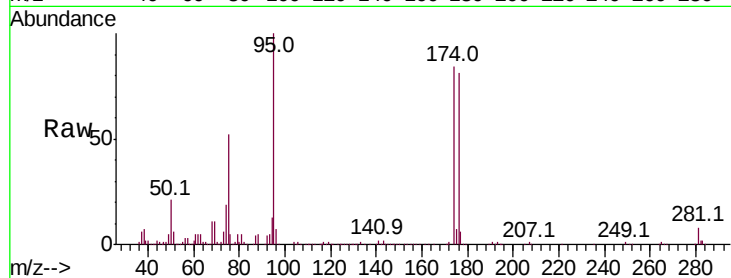
Tot Ion: 95 Resp: 166770

Ion Ratio Lower Upper

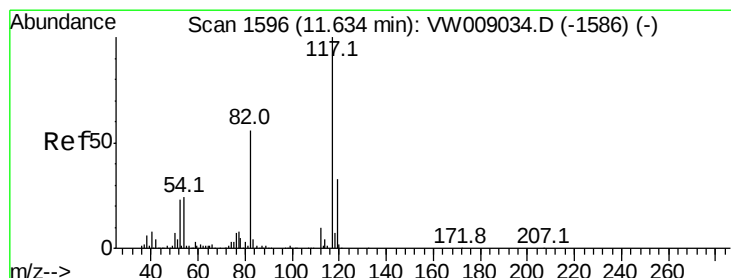
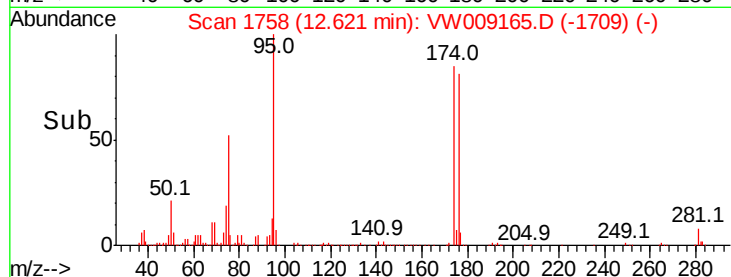
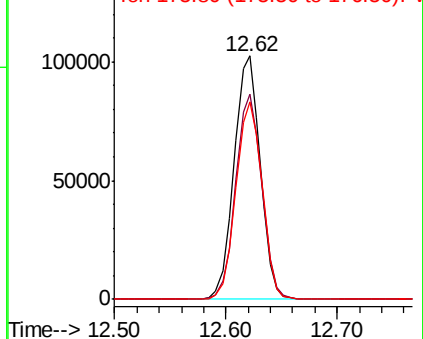
95 100

174 84.0 0.0 167.0

176 81.1 0.0 159.4



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: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW009165.D

Acq: 13 Mar 2019 19:36

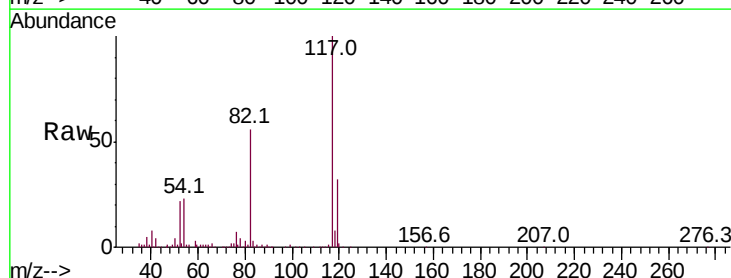
Tgt Ion: 117 Resp: 373458

Ion Ratio Lower Upper

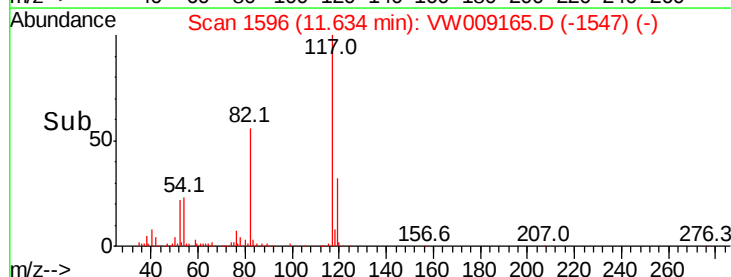
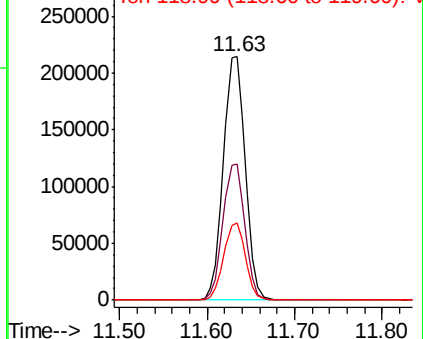
117 100

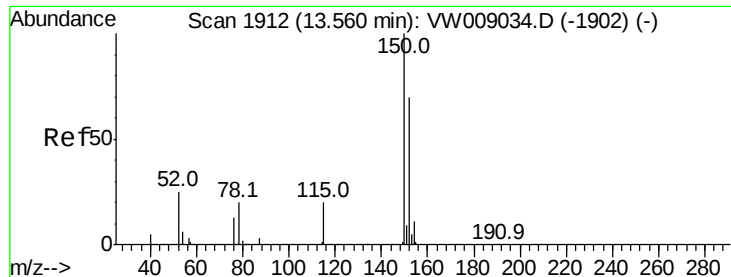
82 55.9 45.0 67.6

119 31.5 26.6 39.8



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: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW009165.D

Acq: 13 Mar 2019 19:36

Instrument :

MSVOA_W

ClientSampleId :

TP-2RE

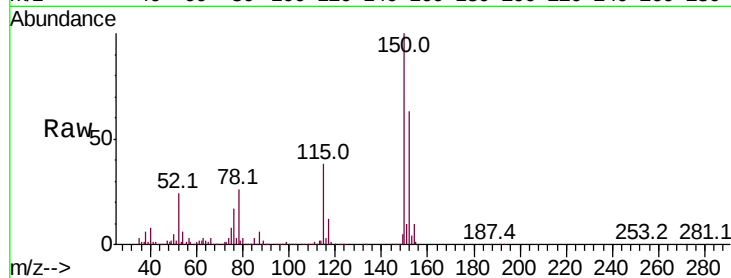
Tot Ion:152 Resp: 159679

Ion Ratio Lower Upper

152 100

115 58.9 28.9 86.7

150 159.5 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

