

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW033119\
 Data File : VW009606.D
 Acq On : 31 Mar 2019 12:58
 Operator : SY/VA
 Sample : VW0331SBL01
 Misc : 5.00G/5.0ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0331SBL01

Quant Time: Apr 01 05:08:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W032919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 29 13:24:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	248883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	406412	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	362590	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	178863	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	151230	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	
35) Dibromofluoromethane	7.88	113	129179	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
50) Toluene-d8	10.32	98	457560	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
62) 4-Bromofluorobenzene	12.62	95	155163	44.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.16%	

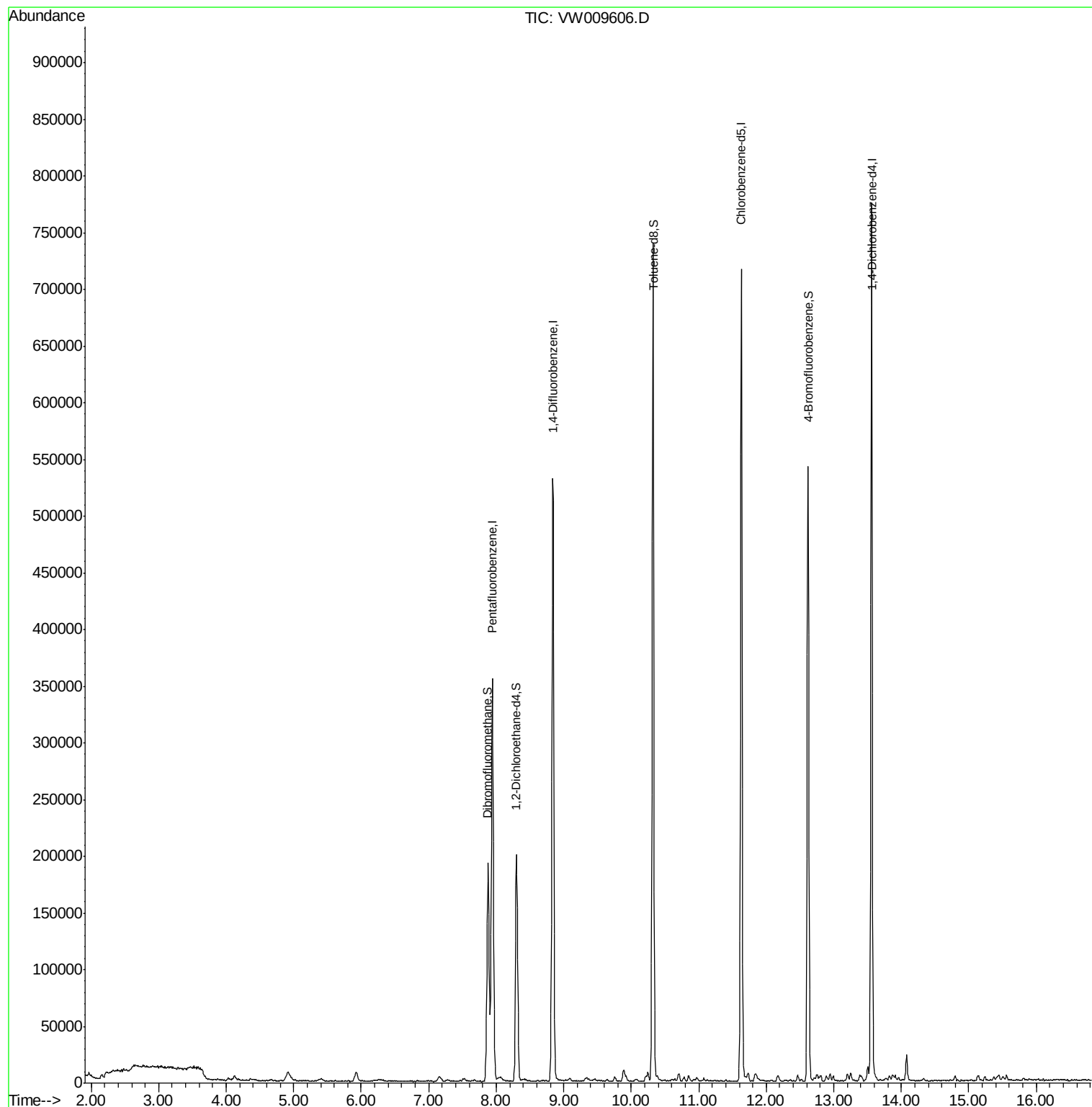
Target Compounds	Qvalue

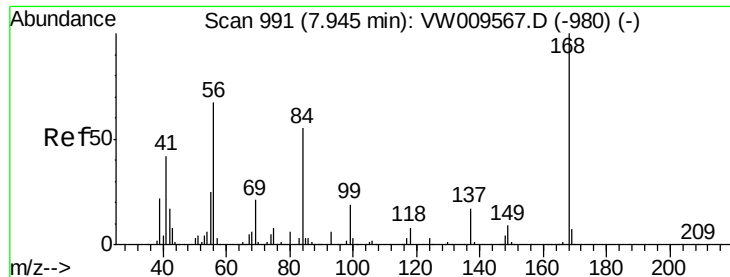
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 29 13:24:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW009606.D

Acq: 31 Mar 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

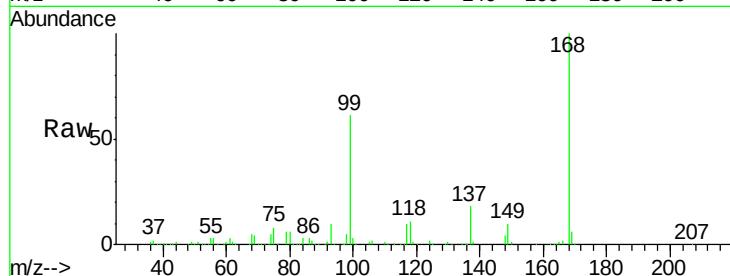
VW0331SBL01

Tot Ion:168 Resp: 248883

Ion Ratio Lower Upper

168 100

99 60.9 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

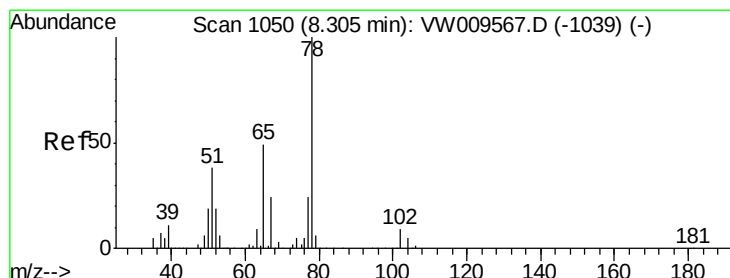
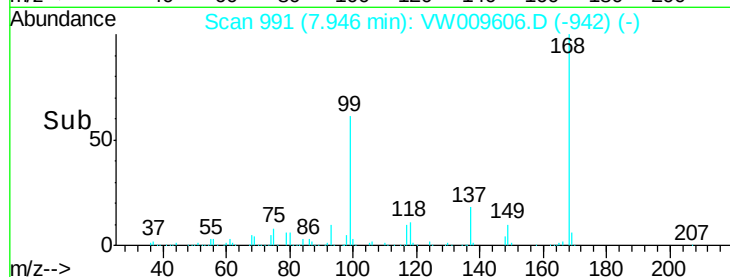
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 53.136 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW009606.D

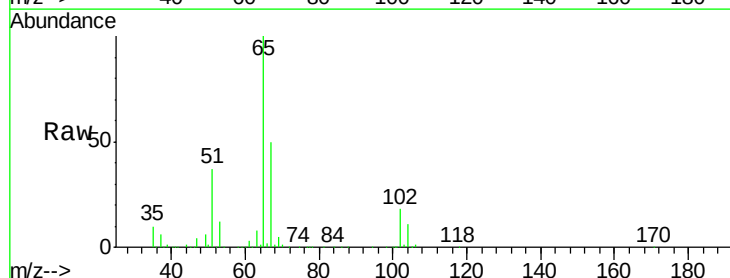
Acq: 31 Mar 2019 12:58

Tgt Ion: 65 Resp: 151230

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

80000

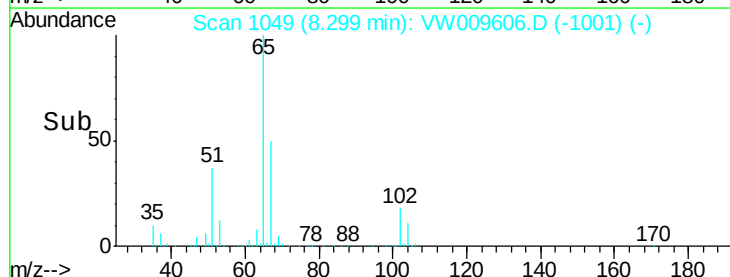
60000

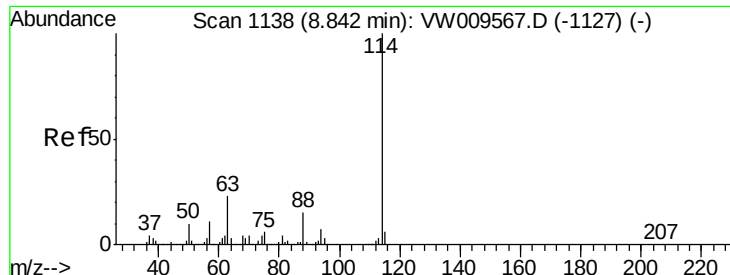
40000

20000

0

Time--> 8.20 8.30 8.40

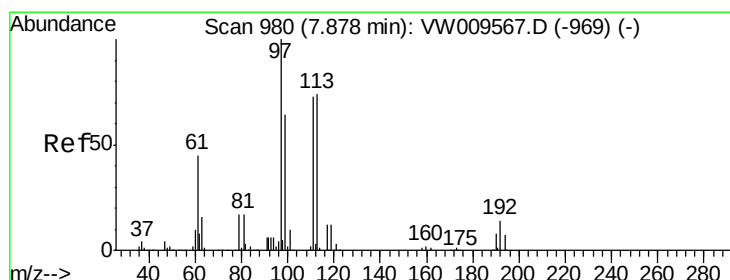
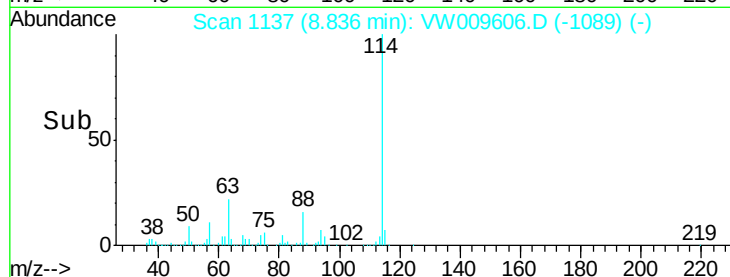
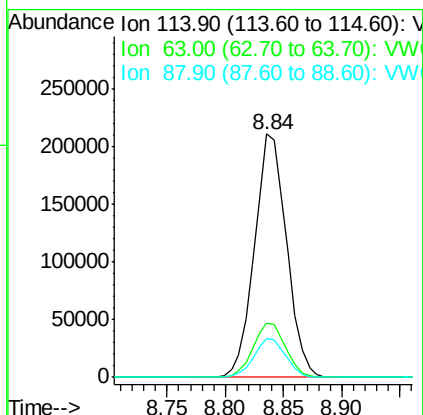
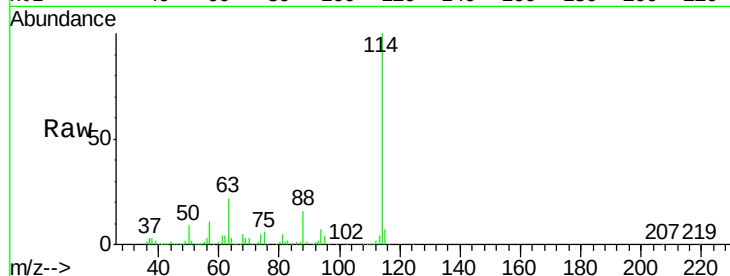




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW009606.D
 Acq: 31 Mar 2019 12:58

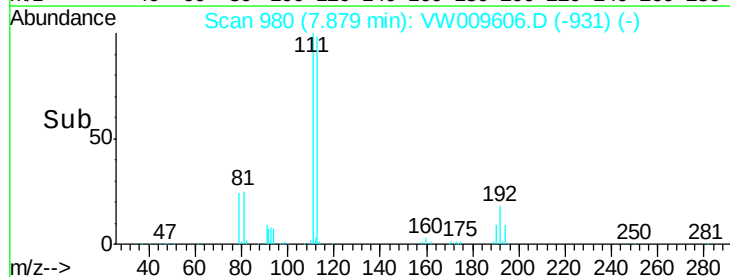
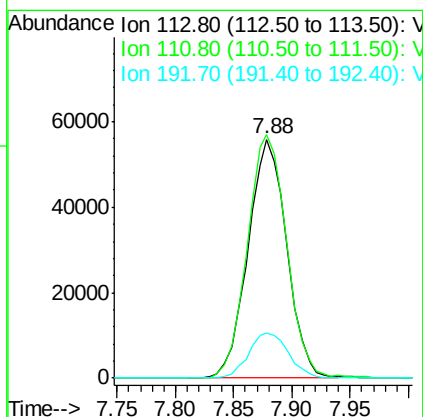
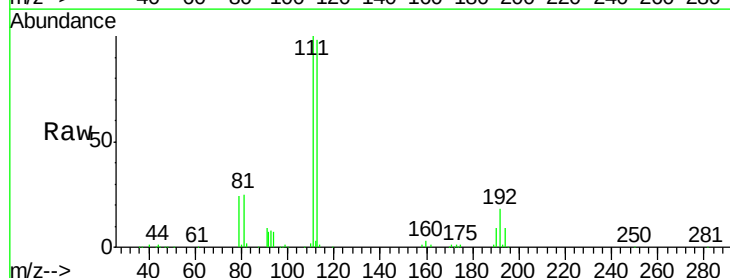
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0331SBL01

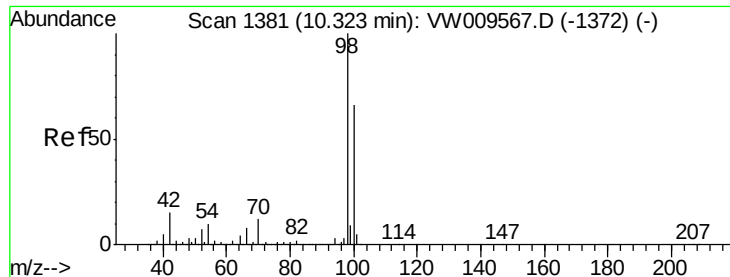
Tot Ion:114 Resp: 406412
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 42.2
 88 15.9 0.0 30.8



#35
 Dibromofluoromethane
 Concen: 50.607 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW009606.D
 Acq: 31 Mar 2019 12:58

Tgt Ion:113 Resp: 129179
 Ion Ratio Lower Upper
 113 100
 111 104.1 82.6 124.0
 192 19.5 16.4 24.6





#50

Toluene-d8

Concen: 48.498 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009606.D

Acq: 31 Mar 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

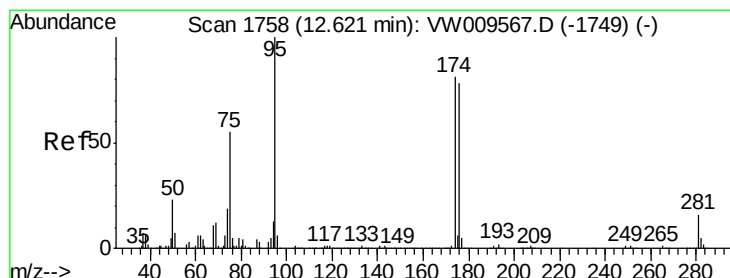
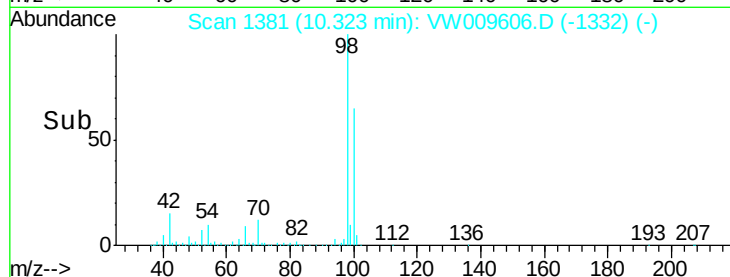
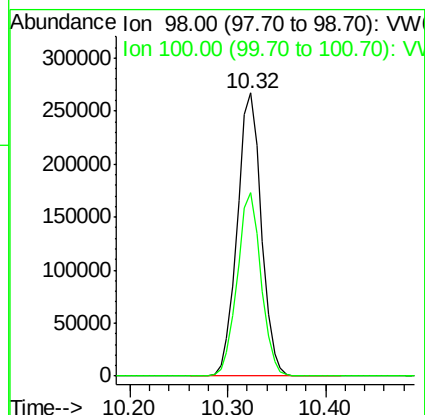
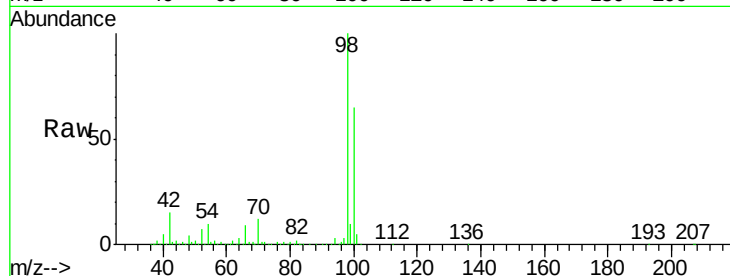
VW0331SBL01

Tot Ion: 98 Resp: 457560

Ion Ratio Lower Upper

98 100

100 63.8 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 44.085 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW009606.D

Acq: 31 Mar 2019 12:58

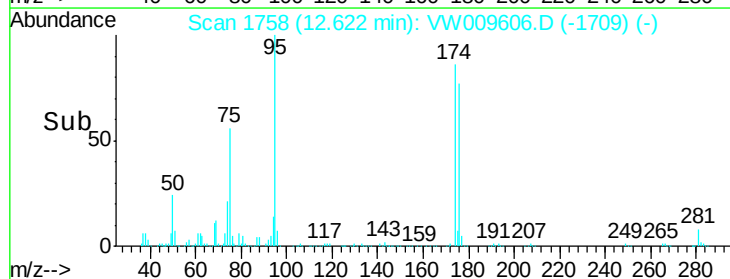
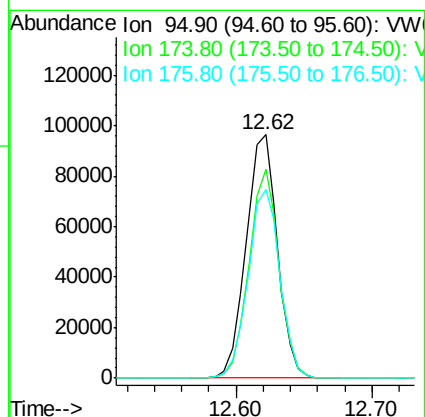
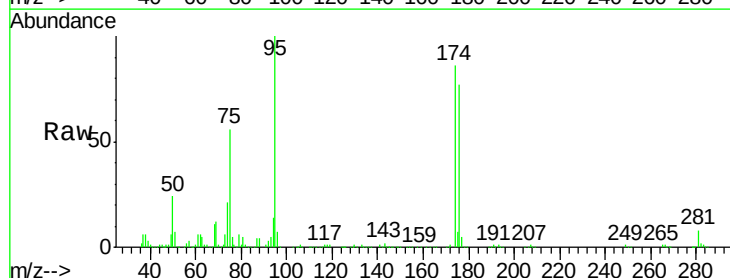
Tgt Ion: 95 Resp: 155163

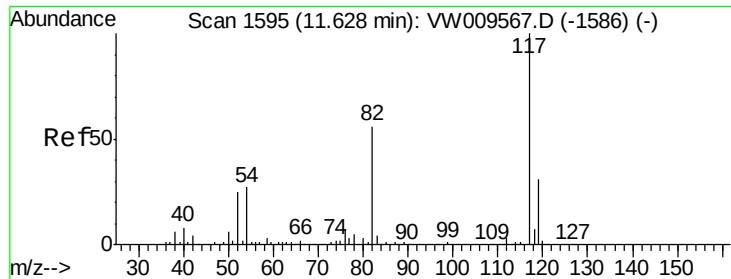
Ion Ratio Lower Upper

95 100

174 82.8 0.0 168.4

176 78.8 0.0 161.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. 0.00 min

Lab File: VW009606.D

Acq: 31 Mar 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

VW0331SBL01

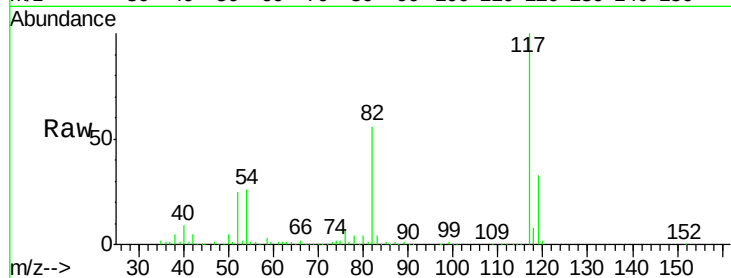
Tot Ion:117 Resp: 362590

Ion Ratio Lower Upper

117 100

82 56.3 43.6 65.4

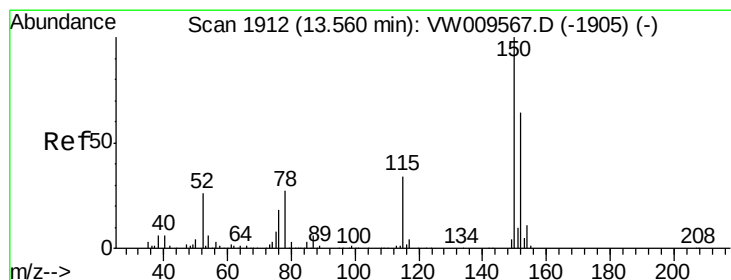
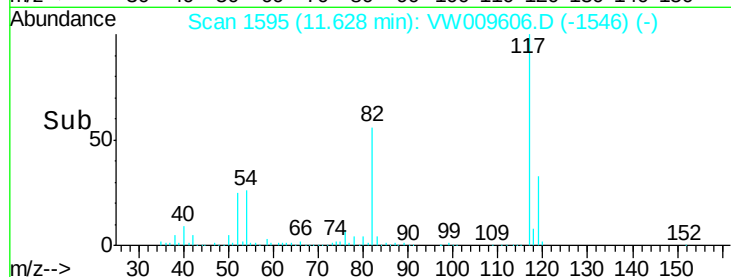
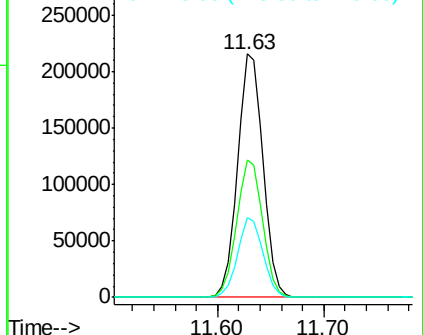
119 32.6 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW009606.D

Acq: 31 Mar 2019 12:58

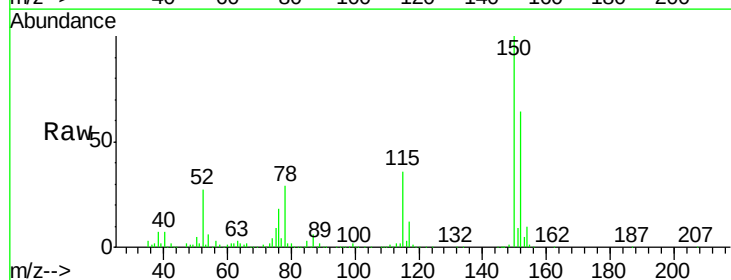
Tgt Ion:152 Resp: 178863

Ion Ratio Lower Upper

152 100

115 58.9 29.6 88.8

150 157.0 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

