

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021219\
 Data File : VW008615.D
 Acq On : 12 Feb 2019 11:42
 Operator : SY/VA
 Sample : VW0212SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0212SBL01

Quant Time: Feb 13 00:33:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

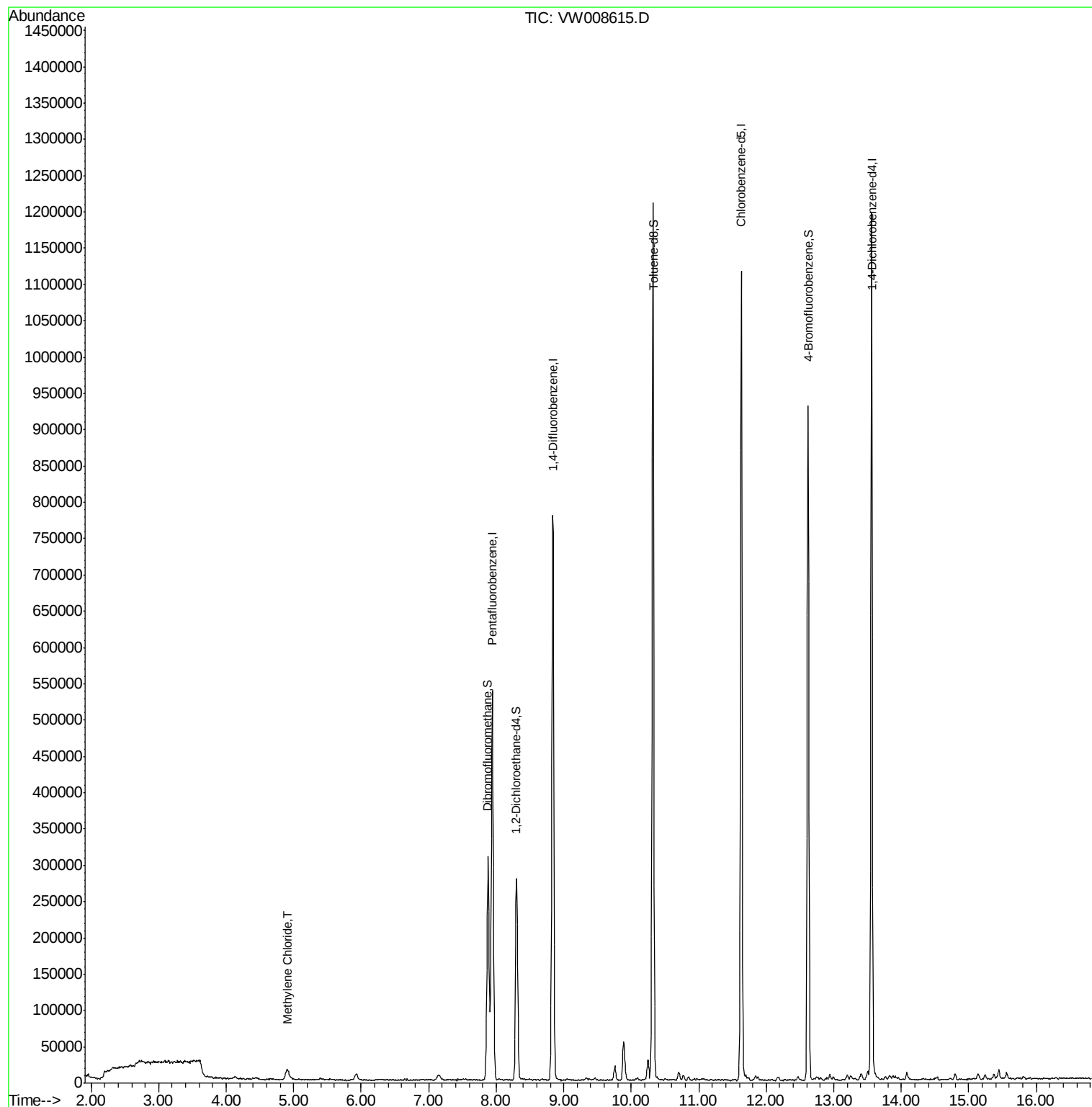
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	410406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	661138	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	602096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	302823	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	220204	54.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.24%	
35) Dibromofluoromethane	7.88	113	206328	53.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.74%	
50) Toluene-d8	10.32	98	792687	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
62) 4-Bromofluorobenzene	12.62	95	295419	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
Target Compounds						
20) Methylene Chloride	4.90	84	11619	2.784	ug/l	Qvalue 88

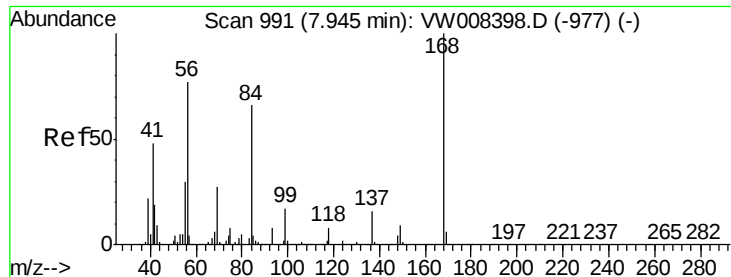
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 25 11:07:41 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008615.D

Acq: 12 Feb 2019 11:42

Instrument :

MSVOA_W

ClientSampleId :

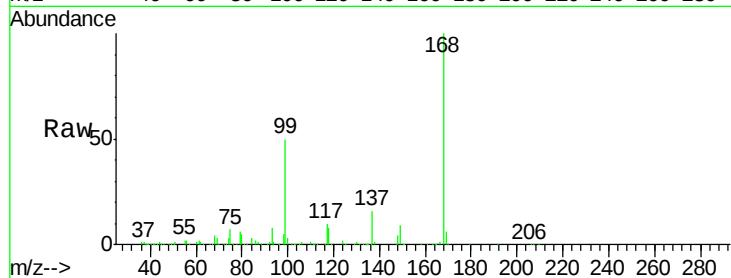
VW0212SBL01

Tot Ion:168 Resp: 410406

Ion Ratio Lower Upper

168 100

99 50.5 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

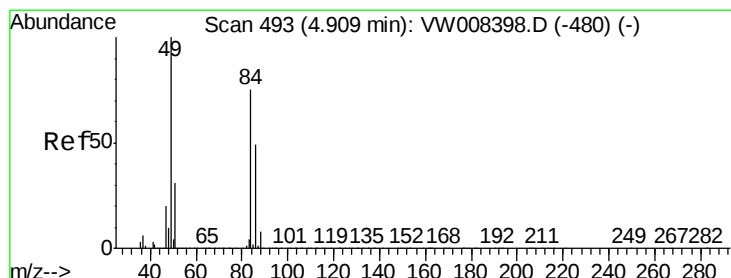
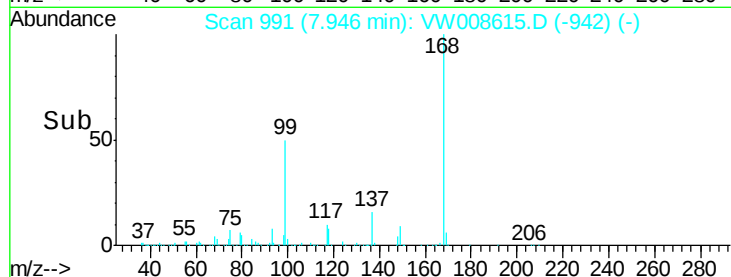
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 2.784 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW008615.D

Acq: 12 Feb 2019 11:42

Tgt Ion: 84 Resp: 11619

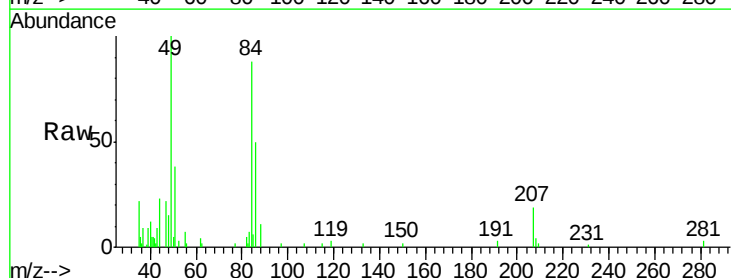
Ion Ratio Lower Upper

84 100

49 114.0 106.8 160.2

51 41.2 32.9 49.3

86 57.3 52.2 78.2



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

4.90

6000

5000

4000

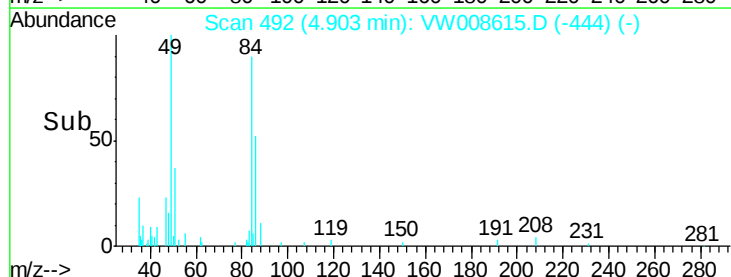
3000

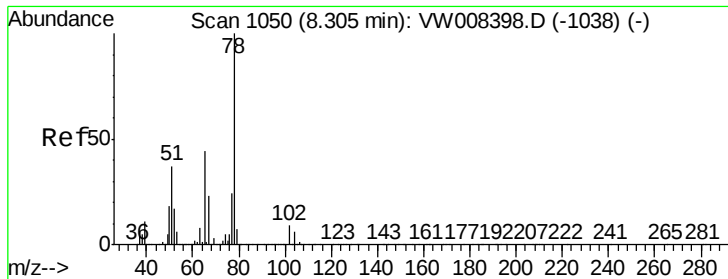
2000

1000

0

Time--> 4.80 4.90 5.00





#33

1,2-Dichloroethane-d4

Concen: 54.616 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW008615.D

Acq: 12 Feb 2019 11:42

Instrument :

MSVOA_W

ClientSampleId :

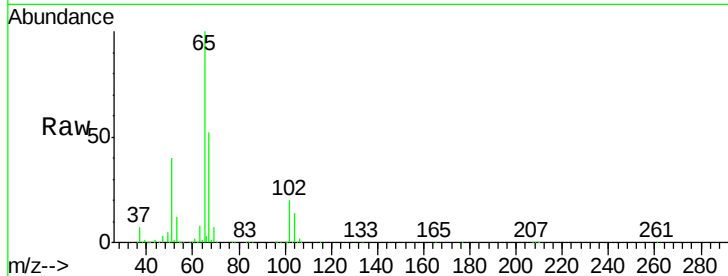
VW0212SBL01

Tot Ion: 65 Resp: 220204

Ion Ratio Lower Upper

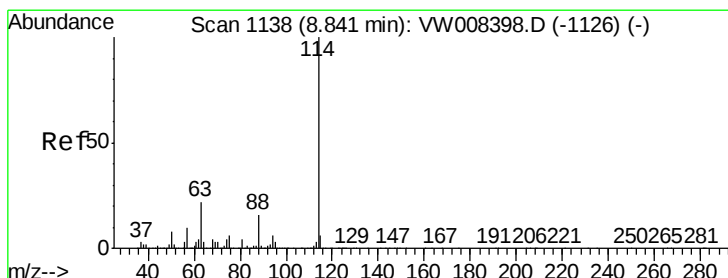
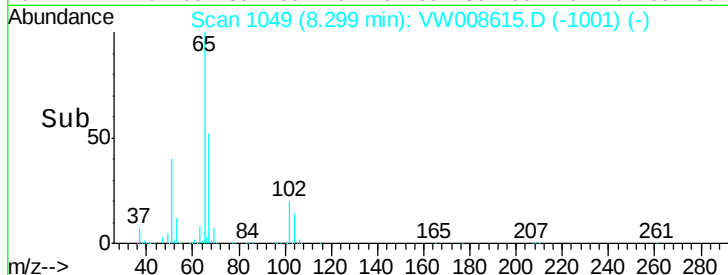
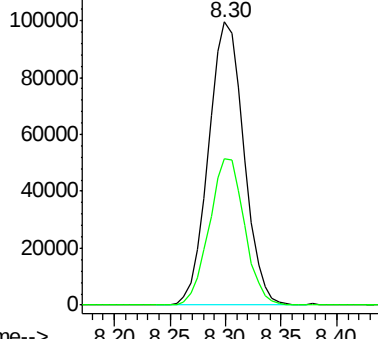
65 100

67 51.5 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VW008615.D

Acq: 12 Feb 2019 11:42

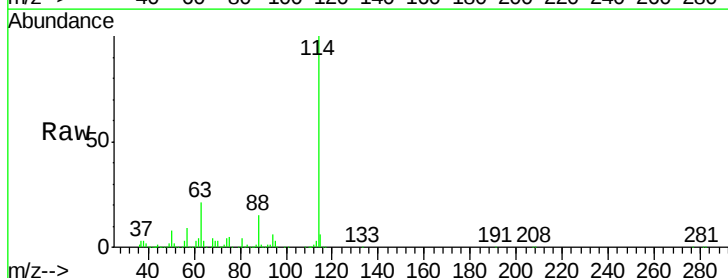
Tgt Ion: 114 Resp: 661138

Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.6

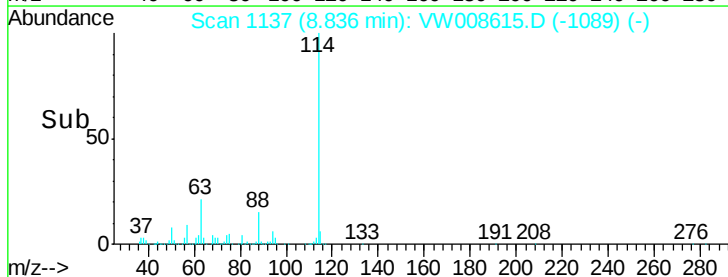
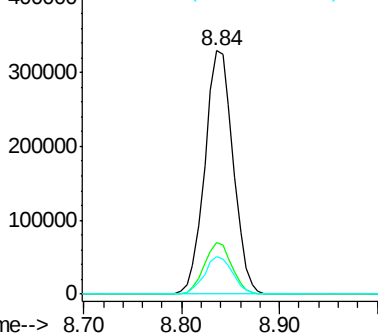
88 15.4 0.0 31.8

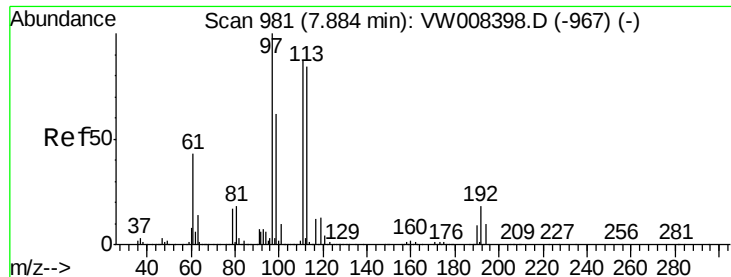


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 53.371 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008615.D

Acq: 12 Feb 2019 11:42

Instrument :

MSVOA_W

ClientSampleId :

VW0212SBL01

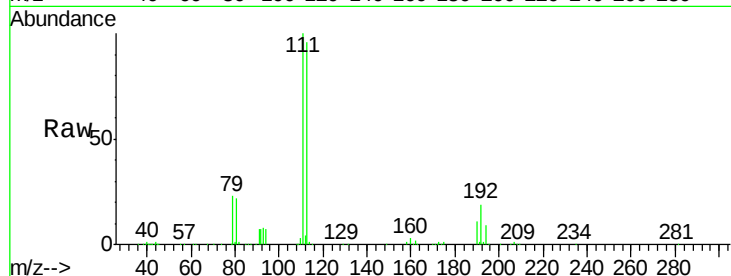
Tot Ion:113 Resp: 206328

Ion Ratio Lower Upper

113 100

111 104.5 81.0 121.4

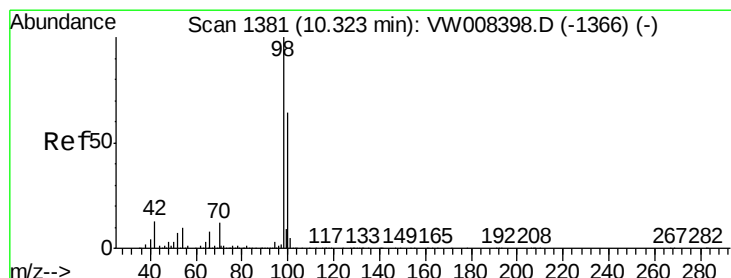
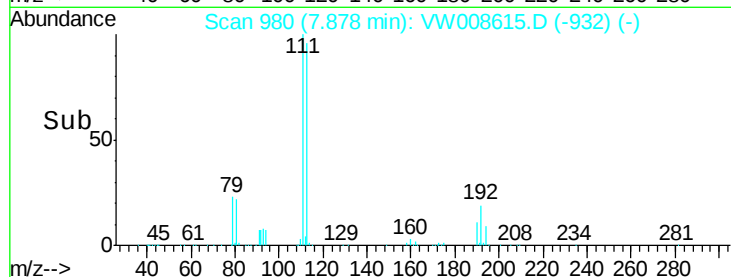
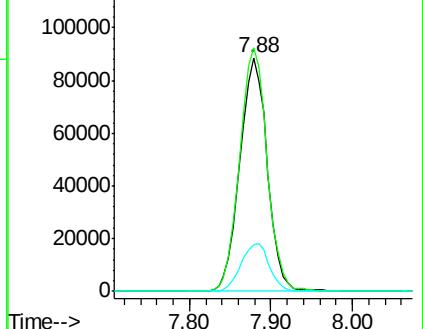
192 21.3 16.8 25.2



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: 51.133 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008615.D

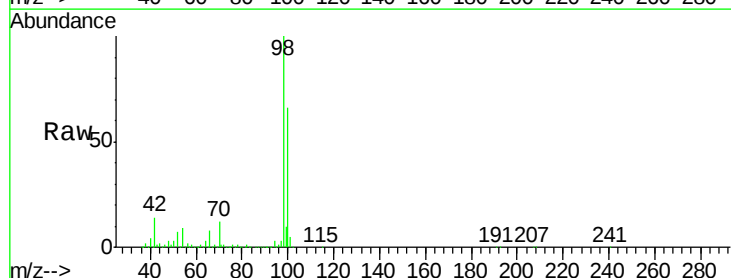
Acq: 12 Feb 2019 11:42

Tgt Ion: 98 Resp: 792687

Ion Ratio Lower Upper

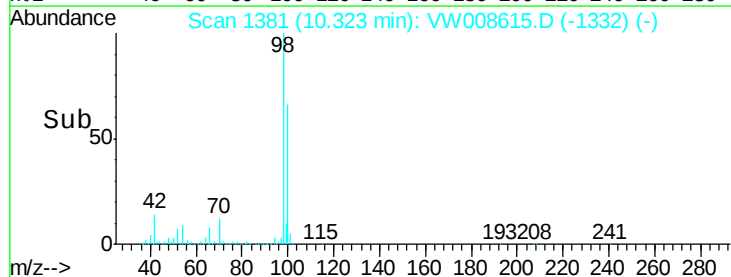
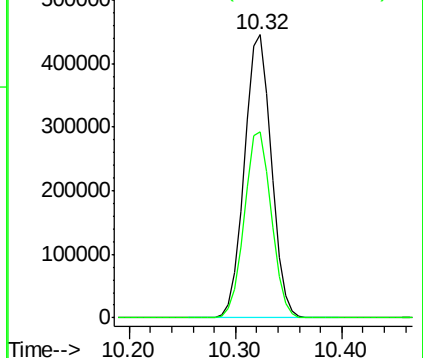
98 100

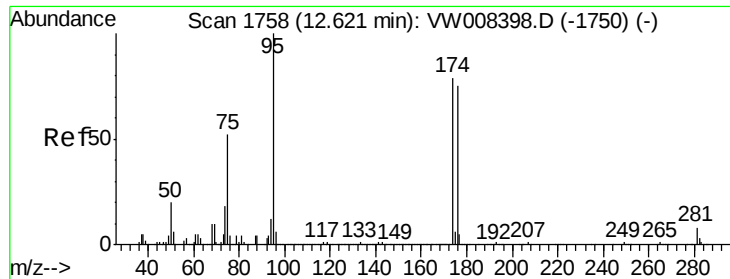
100 65.9 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 49.576 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008615.D

Acq: 12 Feb 2019 11:42

Instrument :

MSVOA_W

ClientSampleId :

VW0212SBL01

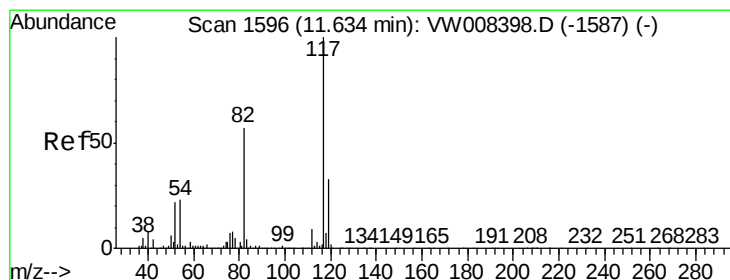
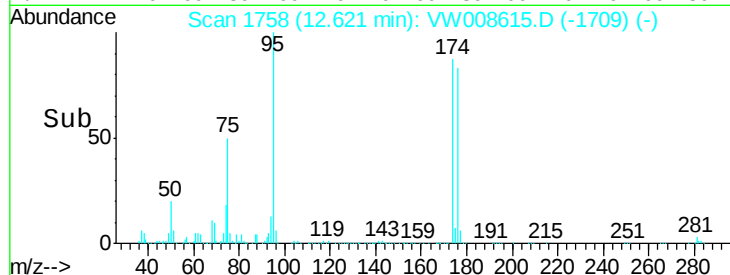
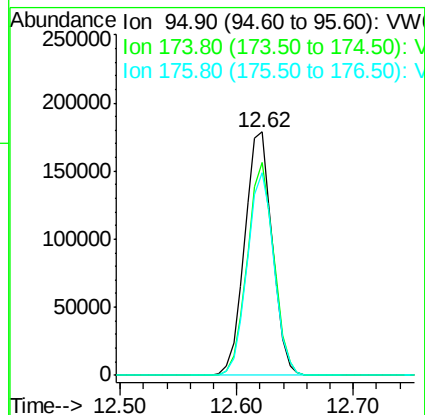
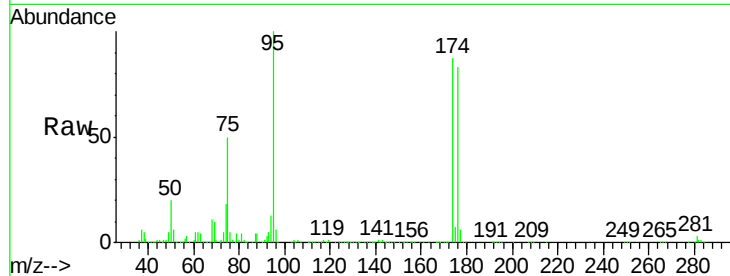
Tot Ion: 95 Resp: 295419

Ion Ratio Lower Upper

95 100

174 84.2 0.0 157.6

176 80.9 0.0 151.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW008615.D

Acq: 12 Feb 2019 11:42

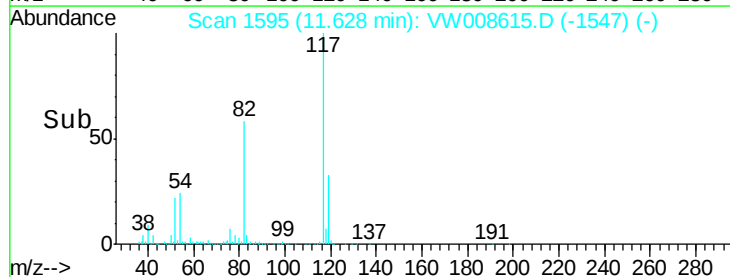
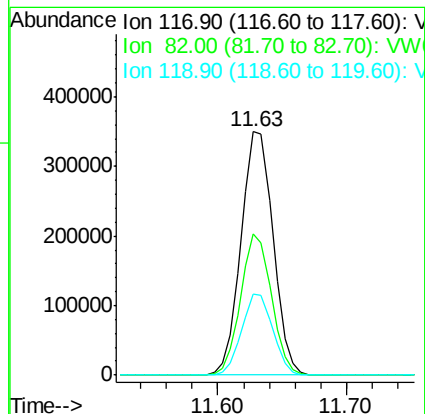
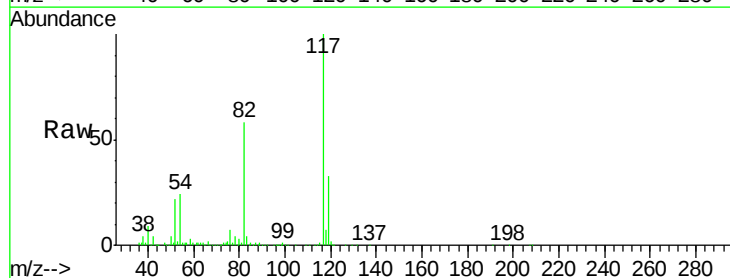
Tgt Ion: 117 Resp: 602096

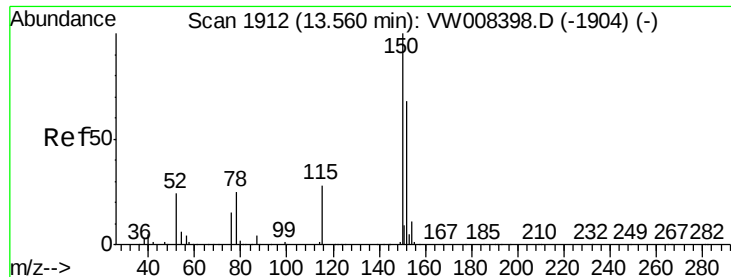
Ion Ratio Lower Upper

117 100

82 58.0 45.4 68.0

119 33.2 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008615.D

Acq: 12 Feb 2019 11:42

Instrument :

MSVOA_W

ClientSampleId :

VW0212SBL01

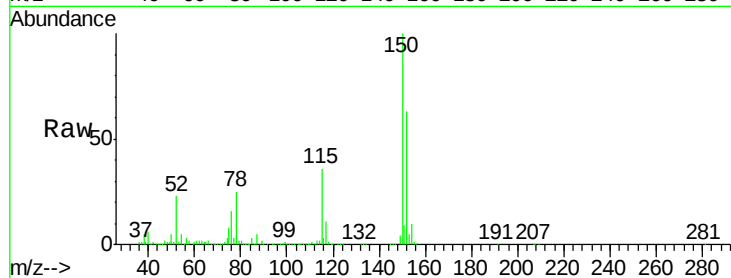
Tot Ion:152 Resp: 302823

Ion Ratio Lower Upper

152 100

115 57.7 29.9 89.7

150 158.0 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

