

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021519\
 Data File : VW008679.D
 Acq On : 15 Feb 2019 12:49
 Operator : SY/VA
 Sample : K1502-01
 Misc : 8.46G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RO-1-4

Quant Time: Feb 16 00:57:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

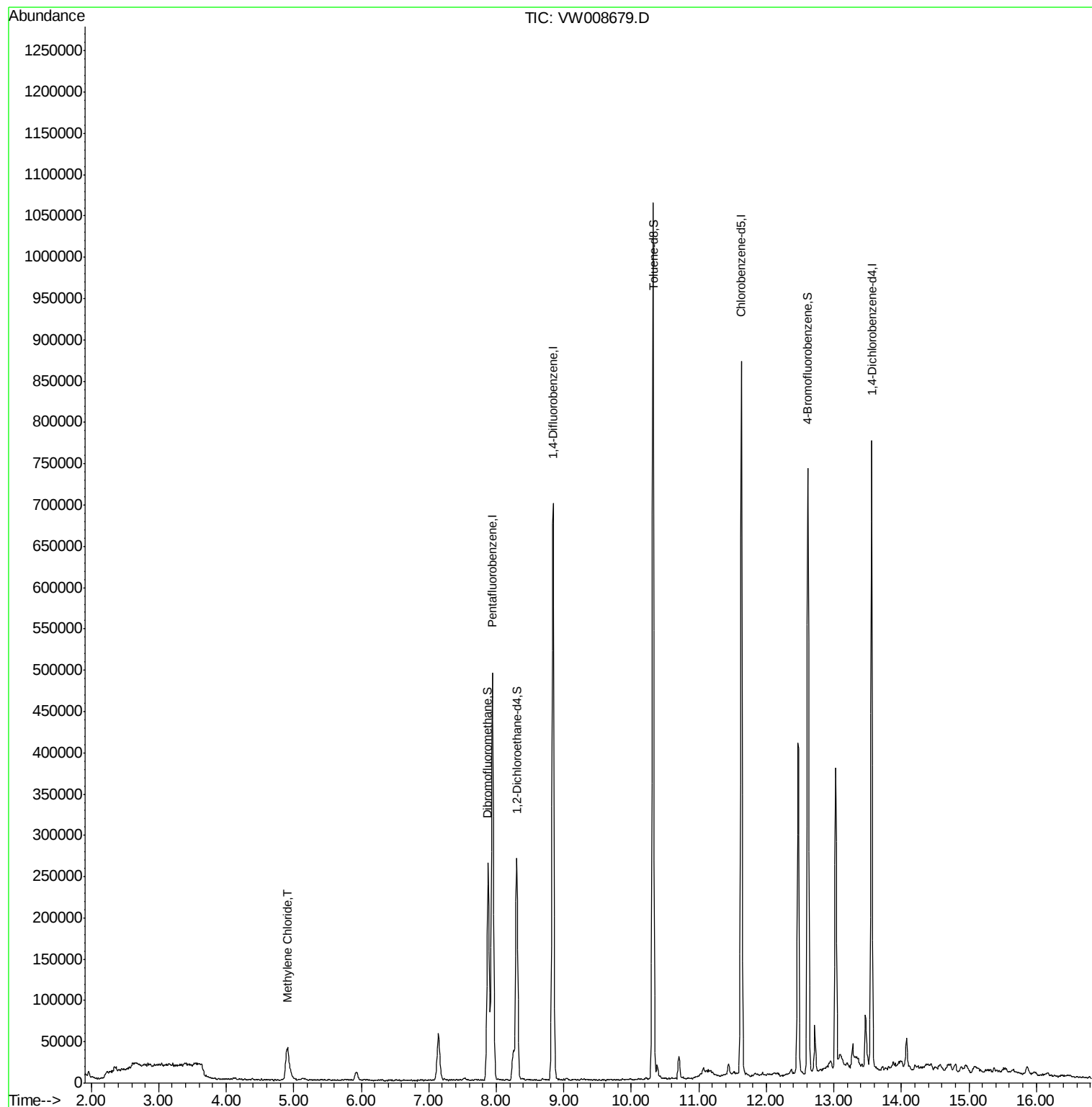
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	385753	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	585720	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	481346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	193413	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	204708	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.08%	
35) Dibromofluoromethane	7.88	113	179376	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.64%	
50) Toluene-d8	10.32	98	680843	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
62) 4-Bromofluorobenzene	12.62	95	212179	40.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.36%	
Target Compounds						
20) Methylene Chloride	4.90	84	34835	1.671	ug/l	Qvalue 93

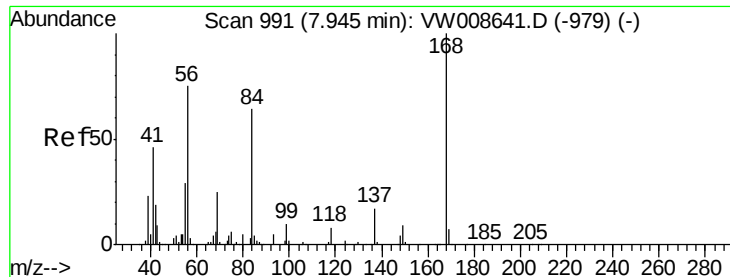
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021519\
Data File : VW008679.D
Acq On : 15 Feb 2019 12:49
Operator : SY/VA
Sample : K1502-01
Misc : 8.46G/5ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
RO-1-4

Quant Time: Feb 16 00:57:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 04:06:50 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: VW008679.D

Acq: 15 Feb 2019 12:49

Instrument :

MSVOA_W

ClientSampled :

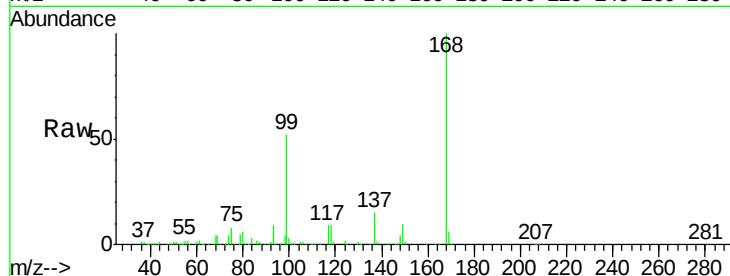
RO-1-4

Tot Ion:168 Resp: 385753

Ion Ratio Lower Upper

168 100

99 52.3 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

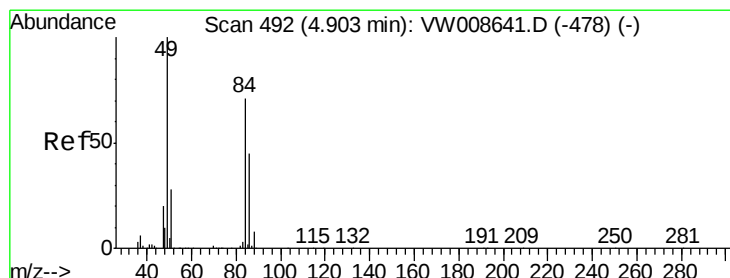
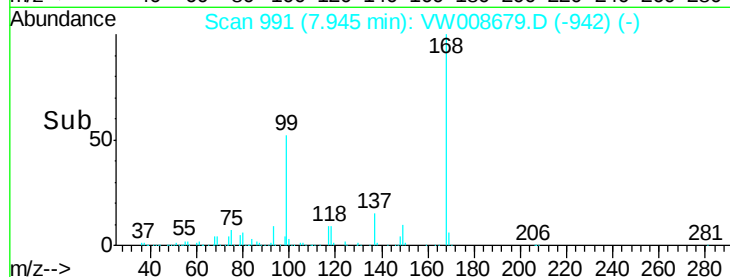
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.671 ug/l

RT: 4.90 min Scan# 492

Delta R.T. 0.00 min

Lab File: VW008679.D

Acq: 15 Feb 2019 12:49

Tgt Ion: 84 Resp: 34835

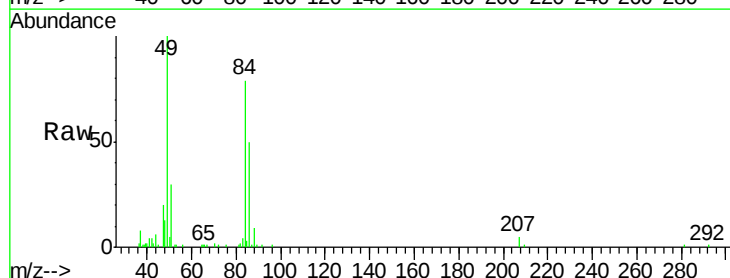
Ion Ratio Lower Upper

84 100

49 127.4 113.3 169.9

51 37.3 32.1 48.1

86 63.7 50.9 76.3



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

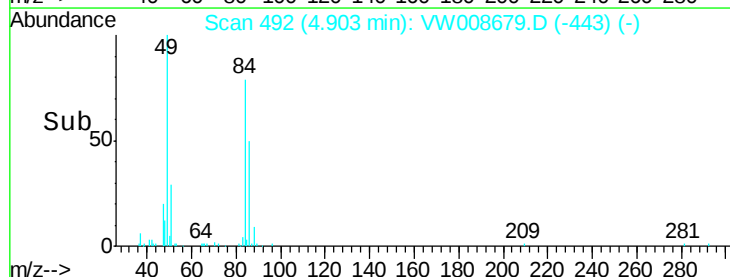
15000

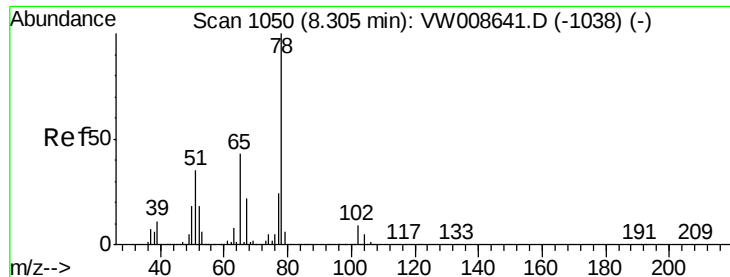
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 51.044 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW008679.D

Acq: 15 Feb 2019 12:49

Instrument :

MSVOA_W

ClientSampled :

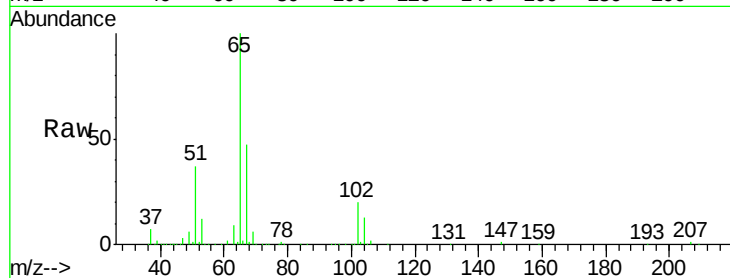
RO-1-4

Tot Ion: 65 Resp: 204708

Ion Ratio Lower Upper

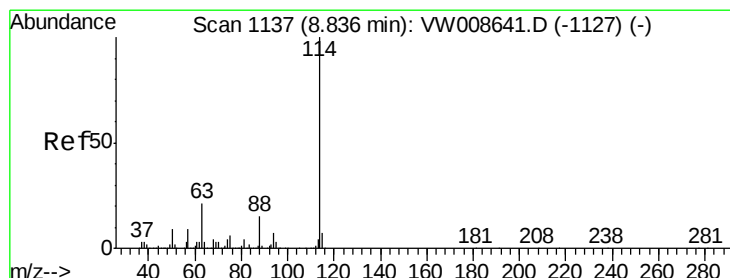
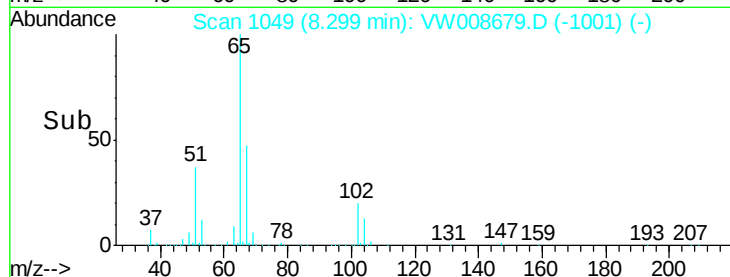
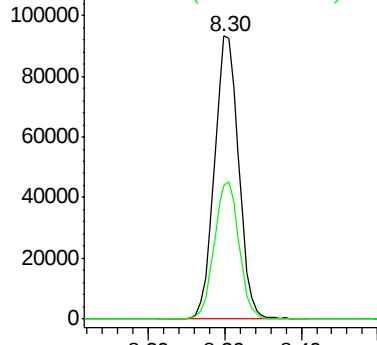
65 100

67 49.5 0.0 102.0



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# 1138

Delta R.T. 0.01 min

Lab File: VW008679.D

Acq: 15 Feb 2019 12:49

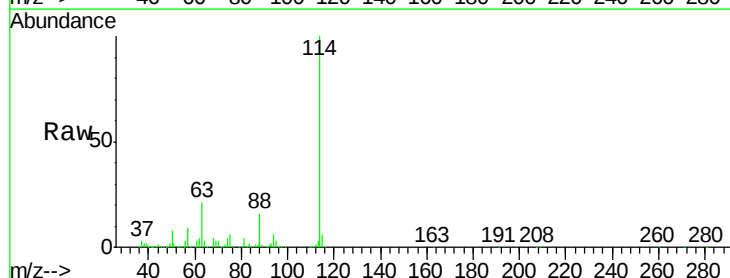
Tgt Ion: 114 Resp: 585720

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.2

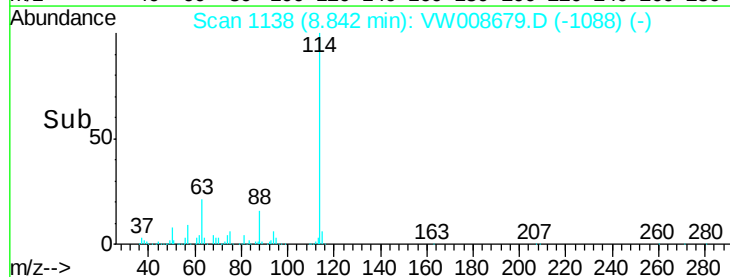
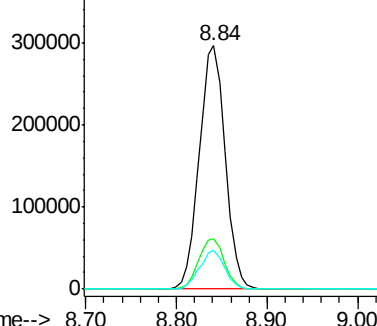
88 16.0 0.0 29.6

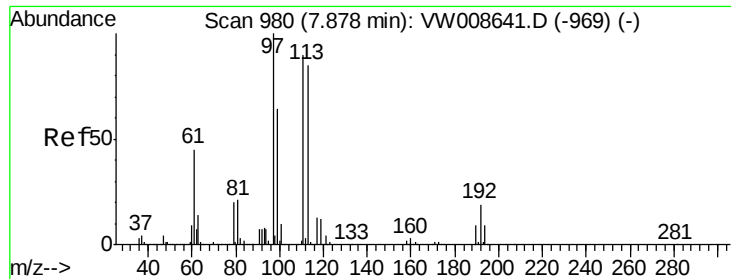


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 49.320 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW008679.D

Acq: 15 Feb 2019 12:49

Instrument :

MSVOA_W

ClientSampleId :

RO-1-4

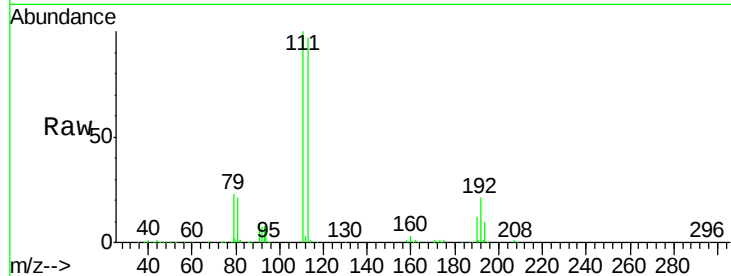
Tot Ion:113 Resp: 179376

Ion Ratio Lower Upper

113 100

111 103.5 84.0 126.0

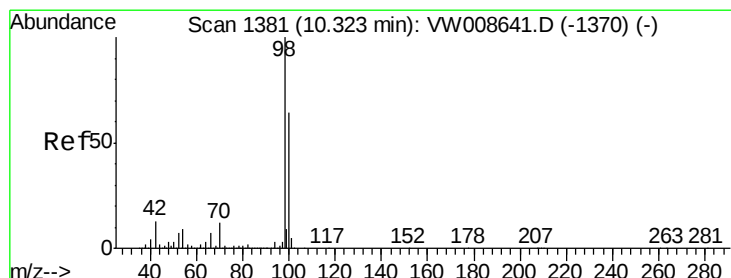
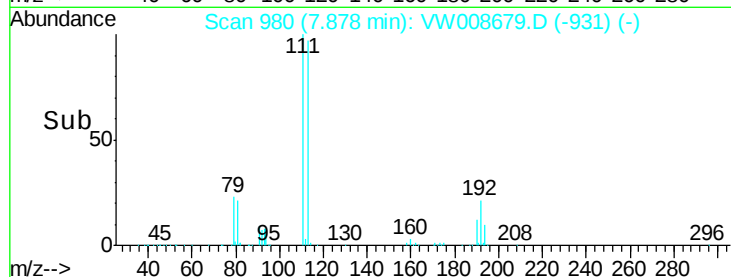
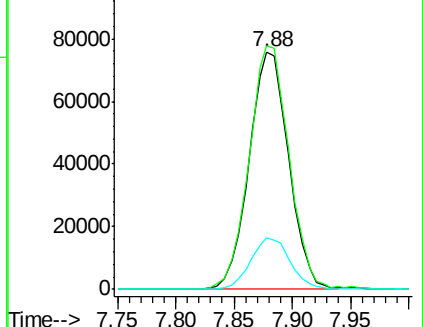
192 21.8 17.4 26.2



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: 48.562 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008679.D

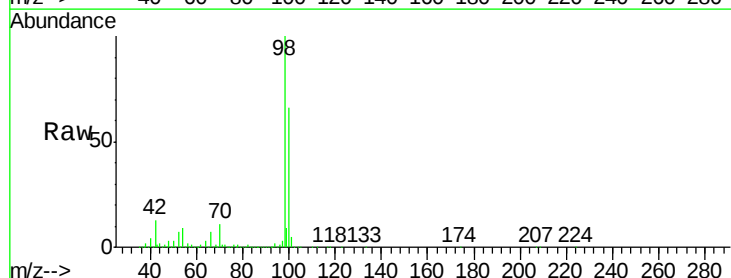
Acq: 15 Feb 2019 12:49

Tgt Ion: 98 Resp: 680843

Ion Ratio Lower Upper

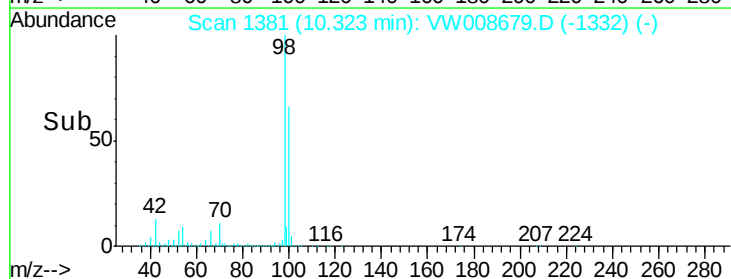
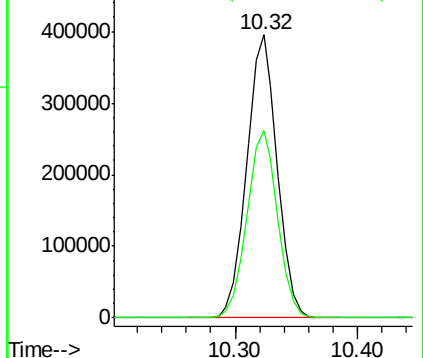
98 100

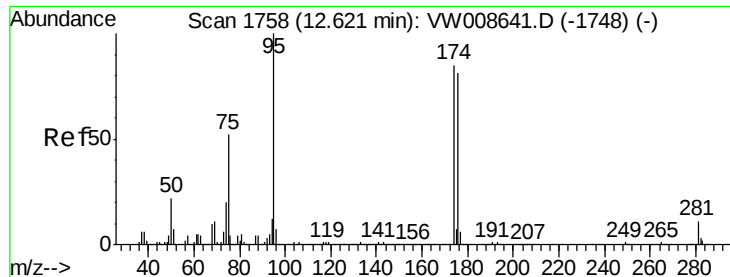
100 66.7 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 40.179 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW008679.D

Acq: 15 Feb 2019 12:49

Instrument :

MSVOA_W

ClientSampleId :

RO-1-4

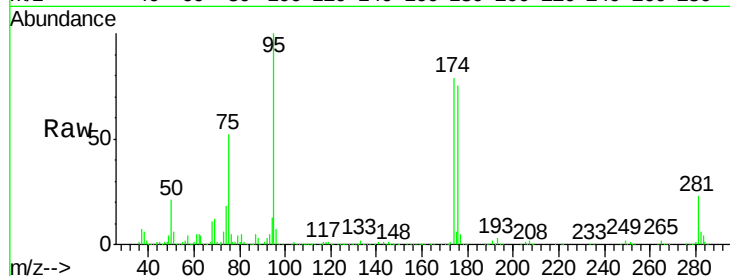
Tot Ion: 95 Resp: 212179

Ion Ratio Lower Upper

95 100

174 85.7 0.0 163.2

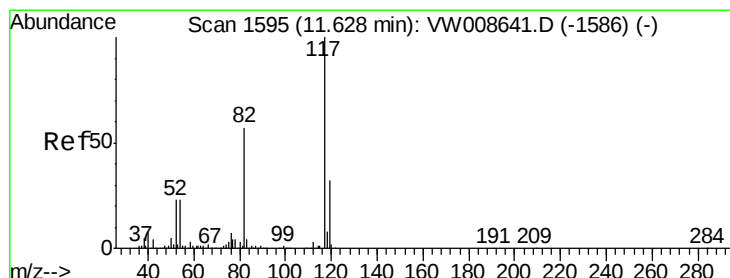
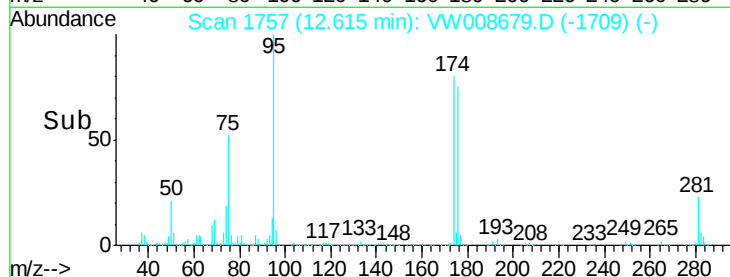
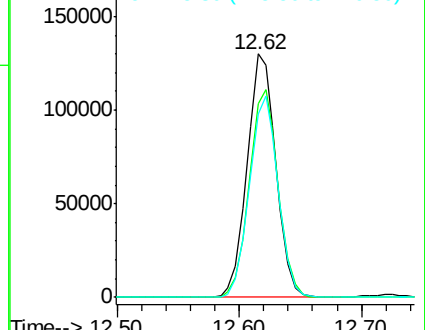
176 82.4 0.0 158.0



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. 0.01 min

Lab File: VW008679.D

Acq: 15 Feb 2019 12:49

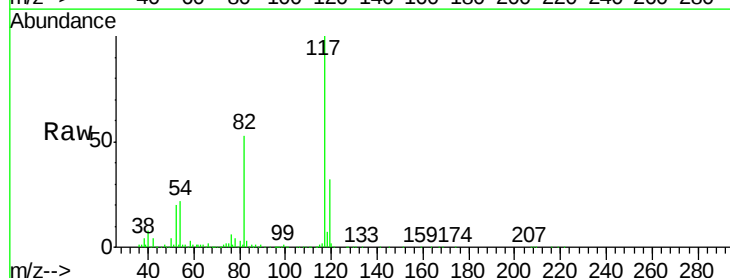
Tgt Ion: 117 Resp: 481346

Ion Ratio Lower Upper

117 100

82 53.4 45.6 68.4

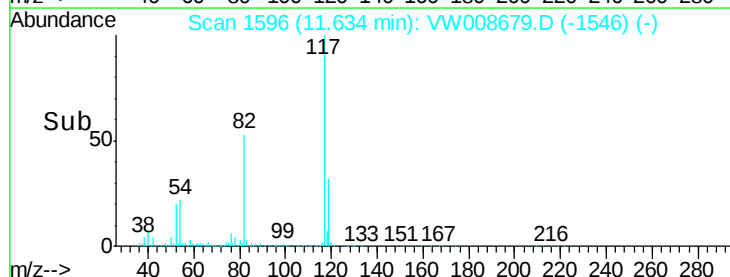
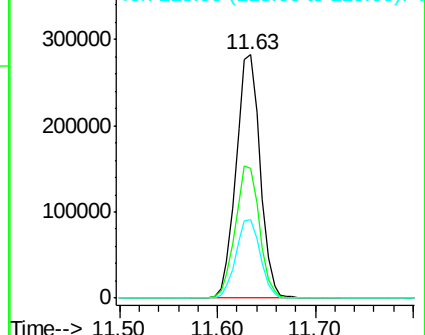
119 32.0 25.7 38.5

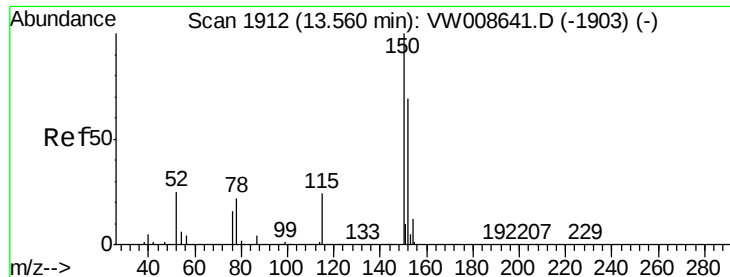


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW008679.D

Acq: 15 Feb 2019 12:49

Instrument :

MSVOA_W

ClientSampleId :

RO-1-4

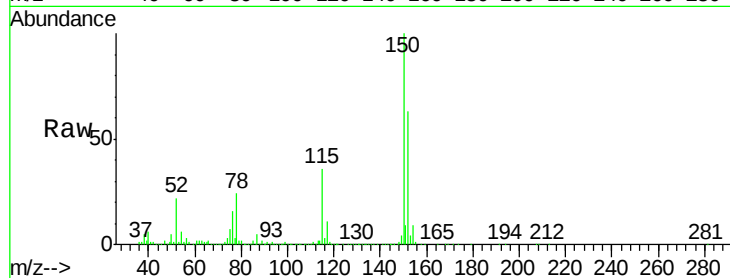
Tot Ion:152 Resp: 193413

Ion Ratio Lower Upper

152 100

115 56.5 29.3 87.8

150 156.9 0.0 352.8



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

