

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011119\
 Data File : VW008209.D
 Acq On : 11 Jan 2019 21:57
 Operator : SY/VA
 Sample : K1116-01
 Misc : 6.70G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S49-IDW03

Quant Time: Jan 12 01:10:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

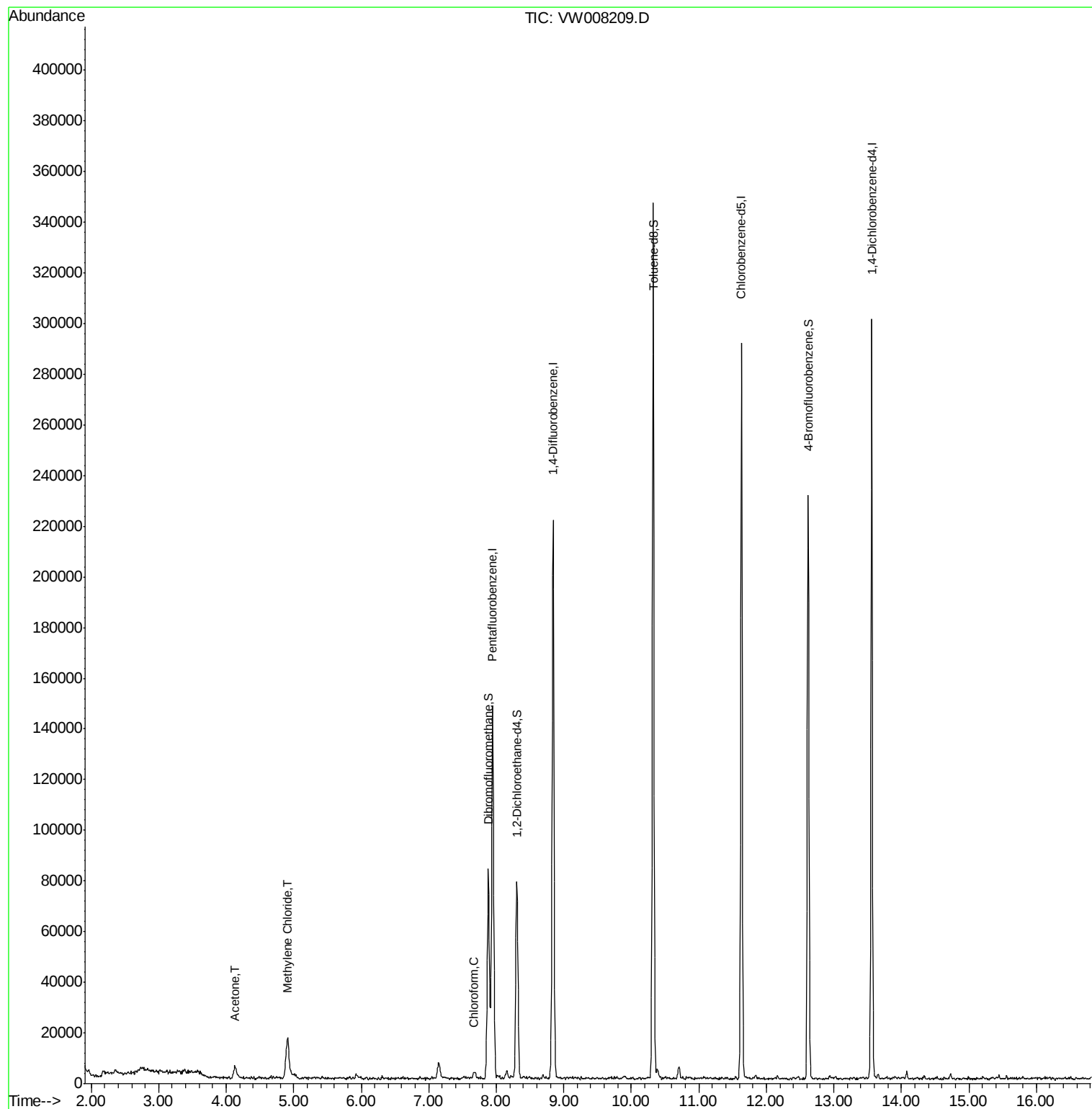
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	105245	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	181820	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	162233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	74187	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	58702	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
35) Dibromofluoromethane	7.88	113	57410	54.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.28%	
50) Toluene-d8	10.32	98	224951	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
62) 4-Bromofluorobenzene	12.62	95	75165	47.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.24%	
Target Compounds						
16) Acetone	4.12	43	9671	26.584	ug/l	89
20) Methylene Chloride	4.90	84	12564	6.616	ug/l	88
30) Chloroform	7.67	83	2575	1.163	ug/l #	79

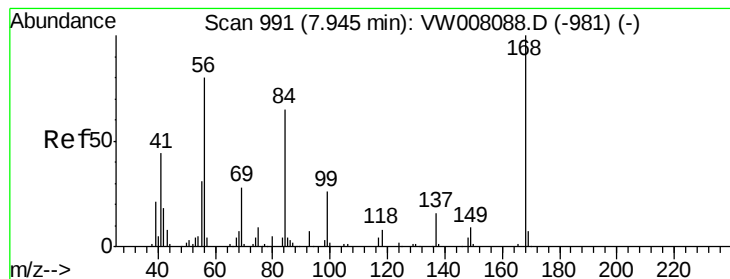
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008209.D

Acq: 11 Jan 2019 21:57

Instrument :

MSVOA_W

ClientSampleId :

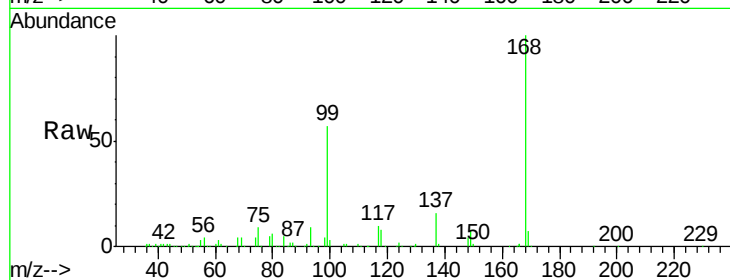
S49-IDW03

Tot Ion:168 Resp: 105245

Ion Ratio Lower Upper

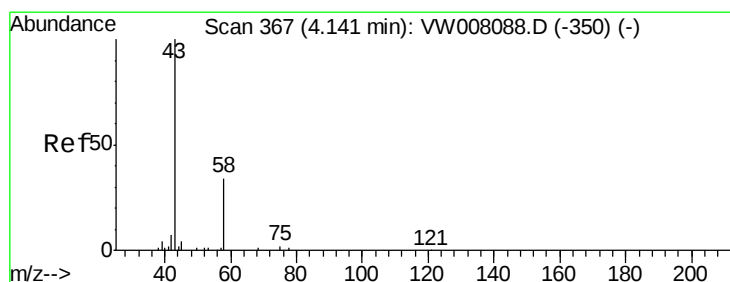
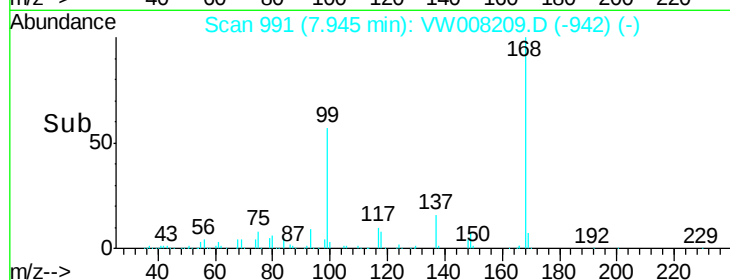
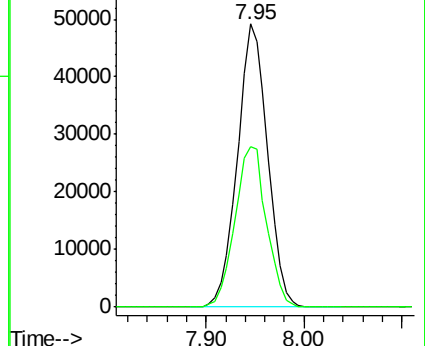
168 100

99 56.8 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 26.584 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW008209.D

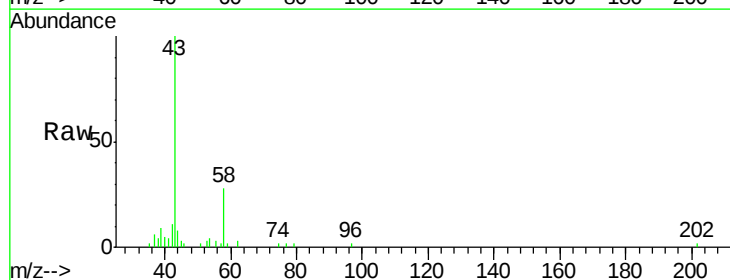
Acq: 11 Jan 2019 21:57

Tgt Ion: 43 Resp: 9671

Ion Ratio Lower Upper

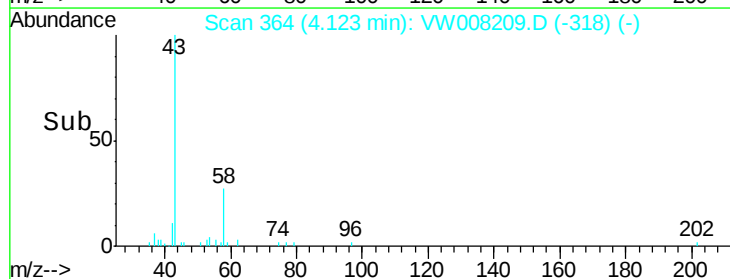
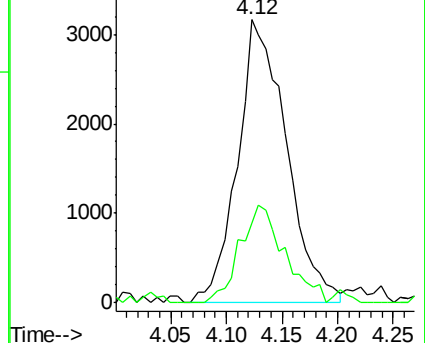
43 100

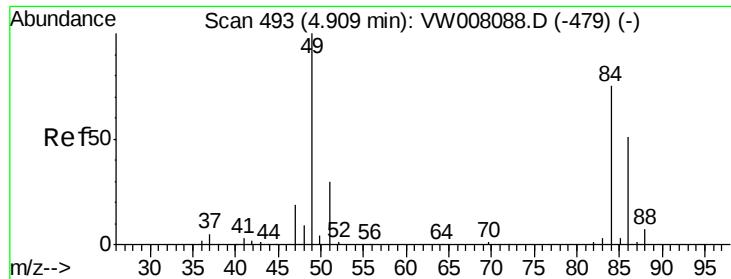
58 28.1 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

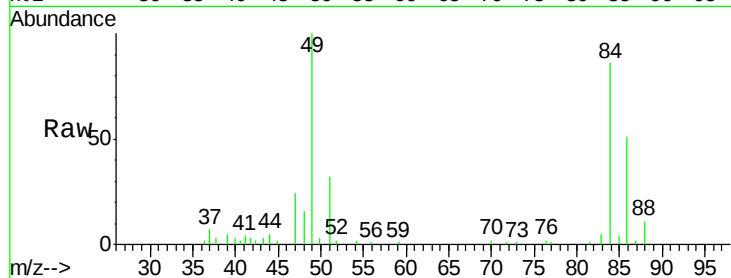




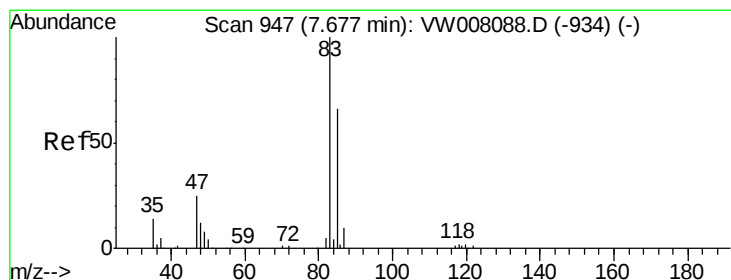
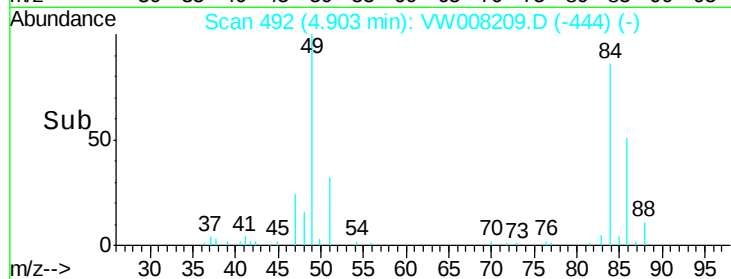
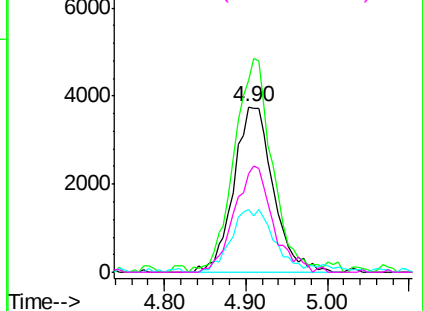
#20
Methylene Chloride
Concen: 6.616 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008209.D
Acq: 11 Jan 2019 21:57

Instrument :
MSVOA_W
ClientSampleId :
S49-IDW03

Tot Ion: 84 Resp: 12564
Ion Ratio Lower Upper
84 100
49 116.6 107.1 160.7
51 37.7 32.4 48.6
86 59.4 54.2 81.4

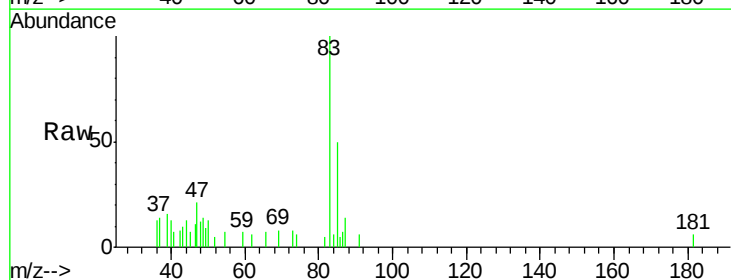


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

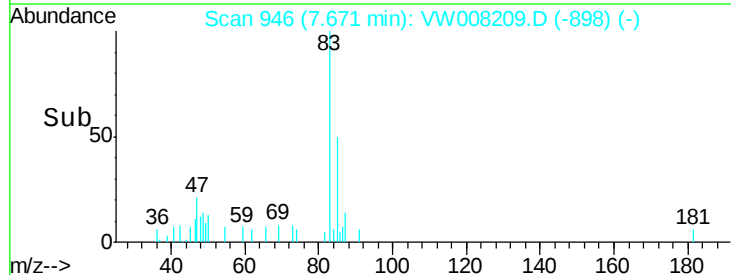
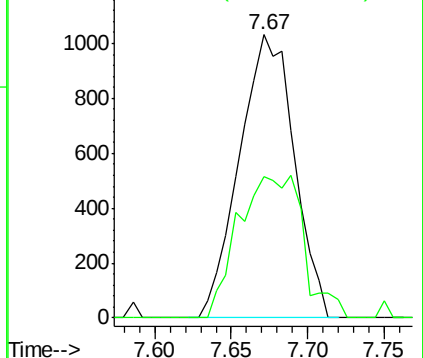


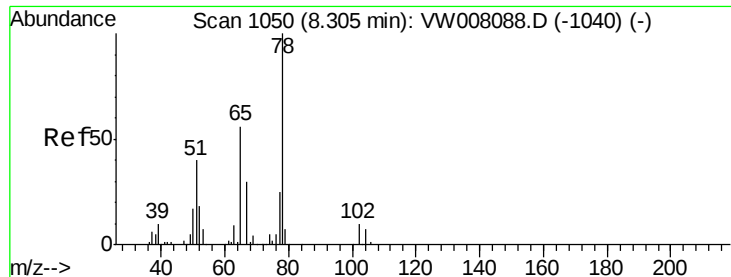
#30
Chloroform
Concen: 1.163 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW008209.D
Acq: 11 Jan 2019 21:57

Tgt Ion: 83 Resp: 2575
Ion Ratio Lower Upper
83 100
85 49.8 53.2 79.8#



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW

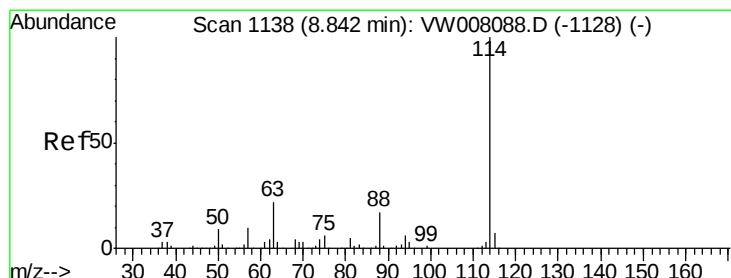
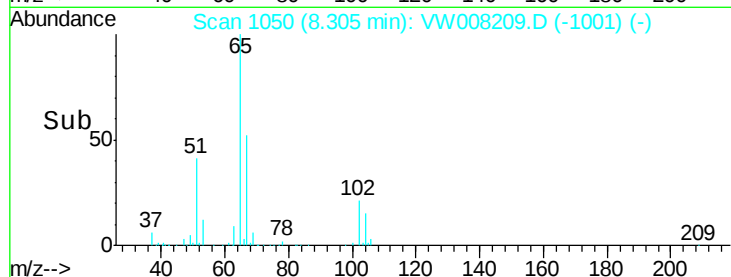
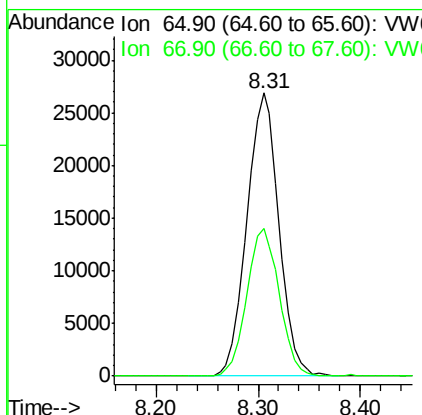
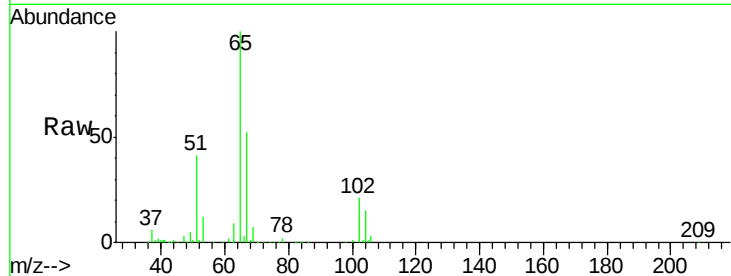




#33
 1,2-Dichloroethane-d4
 Concen: 49.627 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008209.D
 Acq: 11 Jan 2019 21:57

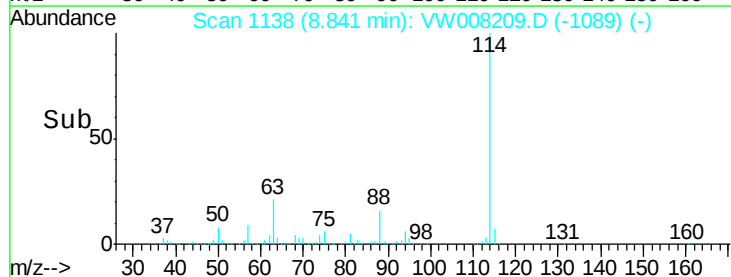
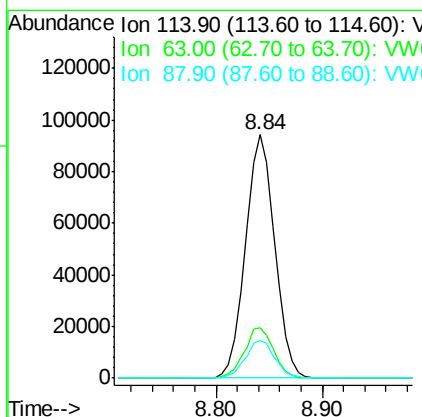
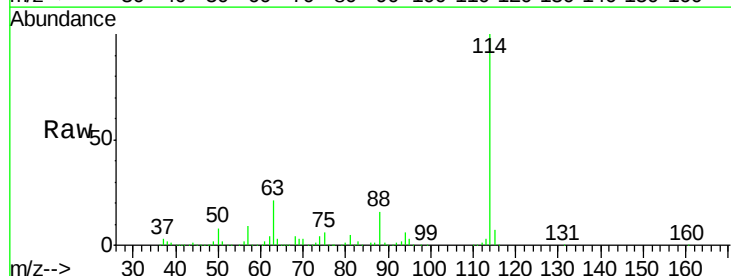
Instrument :
 MSVOA_W
 ClientSampleId :
 S49-IDW03

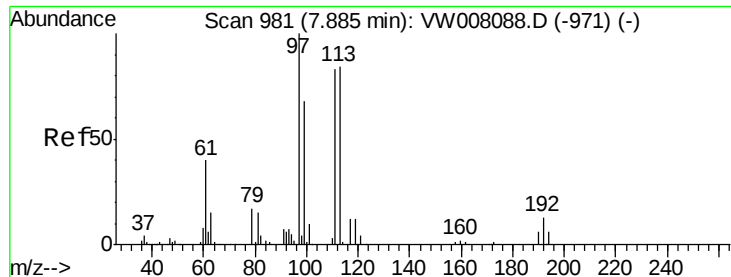
Tot Ion: 65 Resp: 58702
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008209.D
 Acq: 11 Jan 2019 21:57

Tgt Ion: 114 Resp: 181820
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 43.4
 88 15.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 54.138 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008209.D

Acq: 11 Jan 2019 21:57

Instrument :

MSVOA_W

ClientSampleId :

S49-IDW03

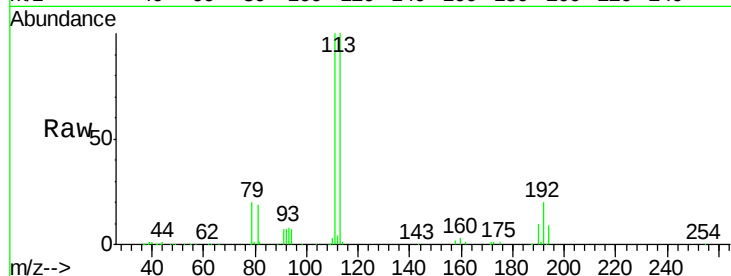
Tot Ion:113 Resp: 57410

Ion Ratio Lower Upper

113 100

111 100.8 81.8 122.8

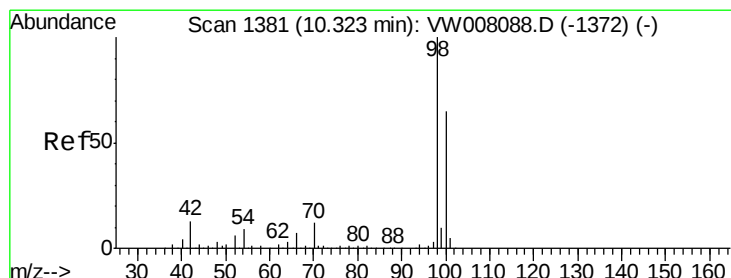
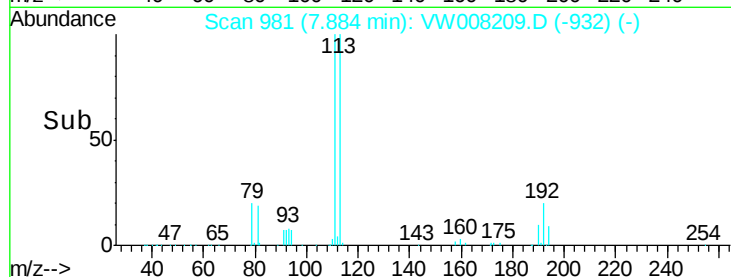
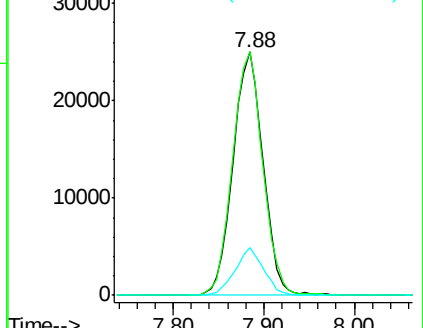
192 18.7 12.8 19.2



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: 50.550 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008209.D

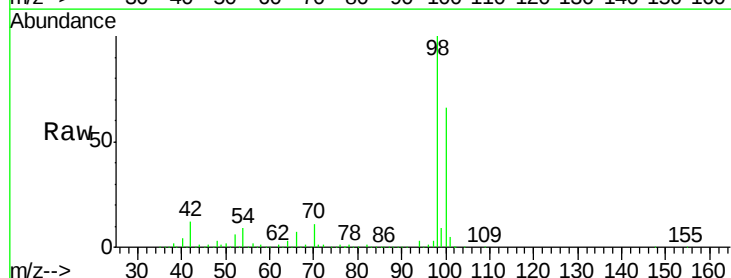
Acq: 11 Jan 2019 21:57

Tgt Ion: 98 Resp: 224951

Ion Ratio Lower Upper

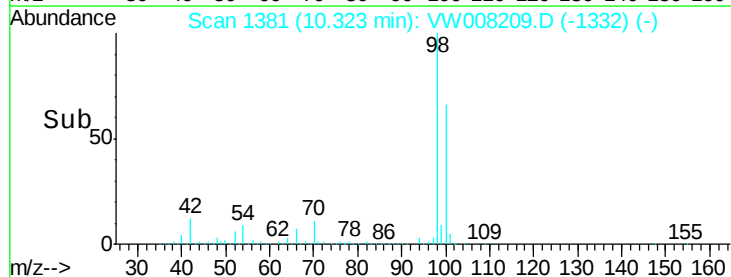
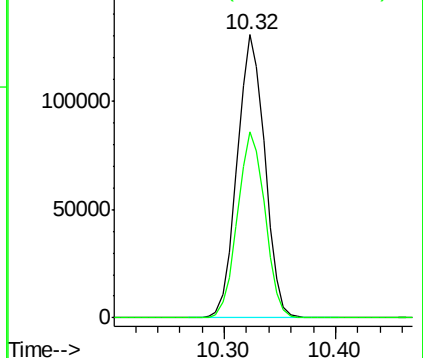
98 100

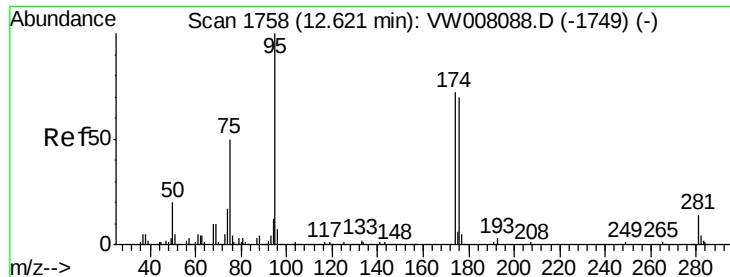
100 65.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 47.116 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008209.D

Acq: 11 Jan 2019 21:57

Instrument :

MSVOA_W

ClientSampleId :

S49-IDW03

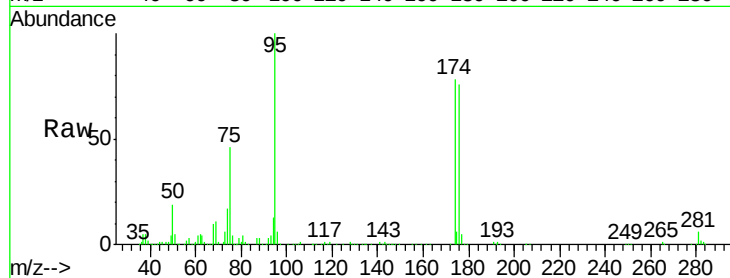
Tot Ion: 95 Resp: 75165

Ion Ratio Lower Upper

95 100

174 76.5 0.0 143.0

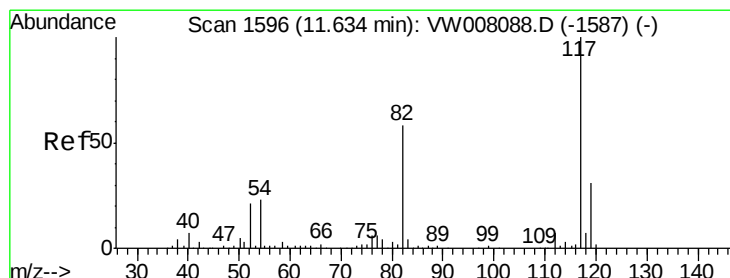
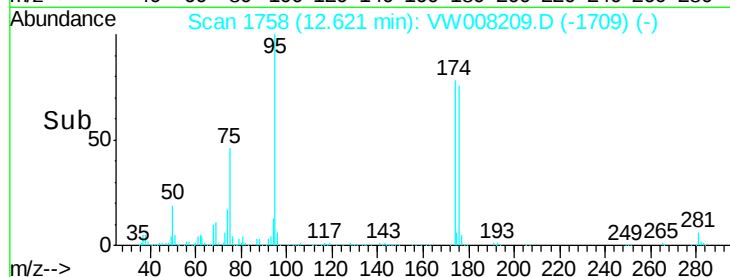
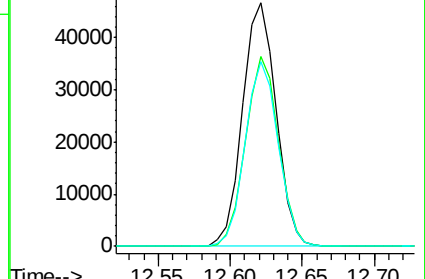
176 74.6 0.0 140.2



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: VW008209.D

Acq: 11 Jan 2019 21:57

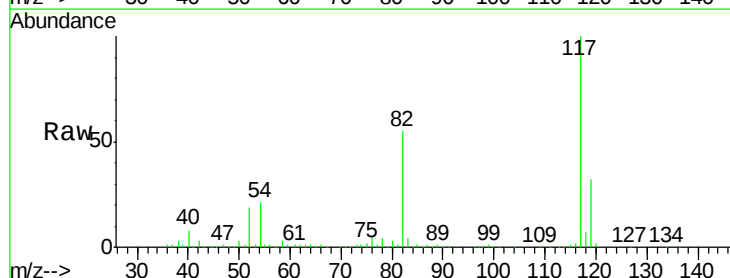
Tgt Ion: 117 Resp: 162233

Ion Ratio Lower Upper

117 100

82 55.2 46.4 69.6

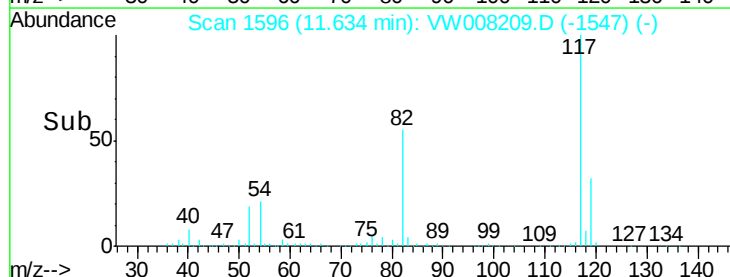
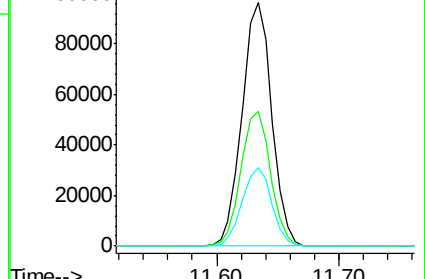
119 32.5 24.7 37.1

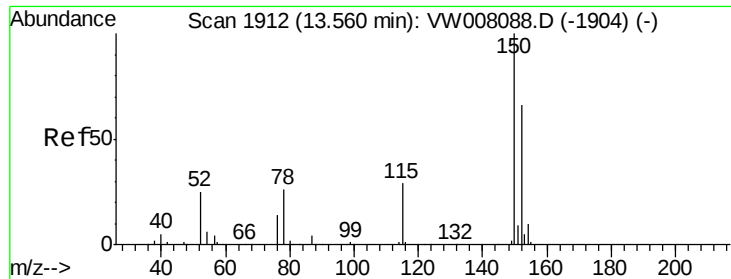


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW008209.D

Acq: 11 Jan 2019 21:57

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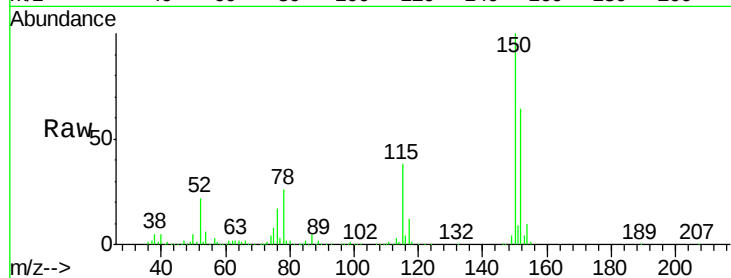
Tot Ion:152 Resp: 74187

Ion Ratio Lower Upper

152 100

115 59.8 30.8 92.4

150 155.8 0.0 350.2



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

