

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022519\
 Data File : VW008808.D
 Acq On : 25 Feb 2019 15:51
 Operator : SY/VA
 Sample : K1356-09
 Misc : 6.49G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-02-022219-A

Quant Time: Feb 26 04:15:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

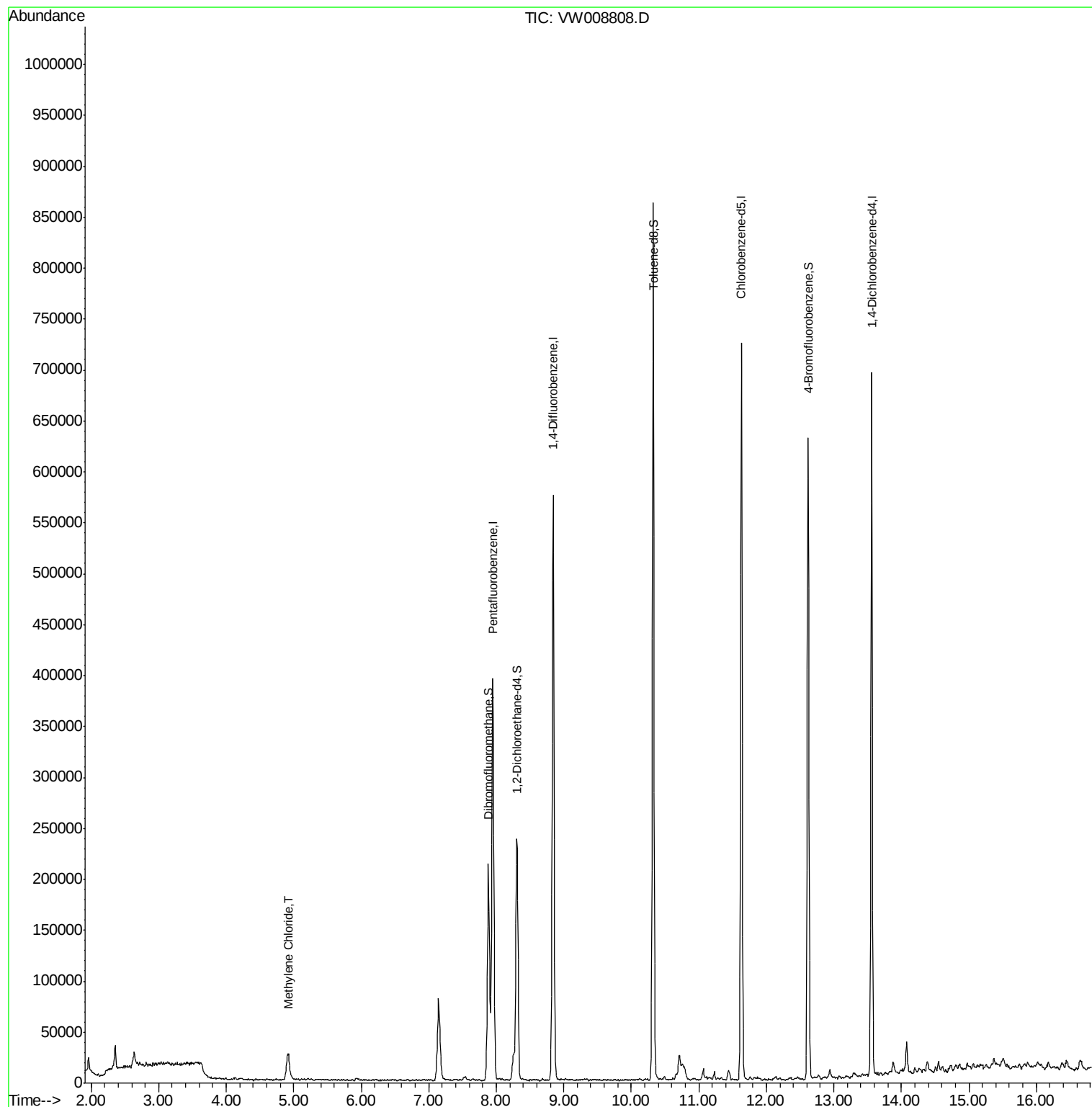
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	306388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	467210	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	398754	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	173368	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	174891	60.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.72%	
35) Dibromofluoromethane	7.88	113	142388	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
50) Toluene-d8	10.32	98	547694	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
62) 4-Bromofluorobenzene	12.62	95	180031	42.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.92%	
Target Compounds						
20) Methylene Chloride	4.92	84	20438	1.247	ug/l	Qvalue 96

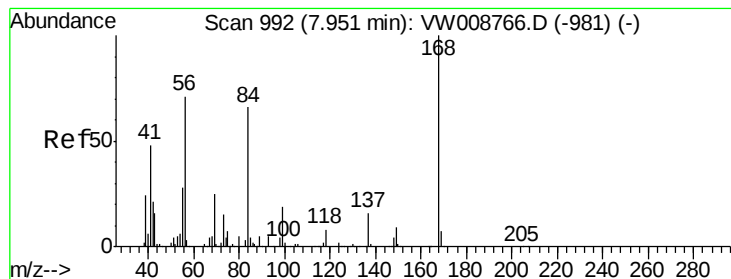
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008808.D

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MSVOA_W

ClientSampleId :

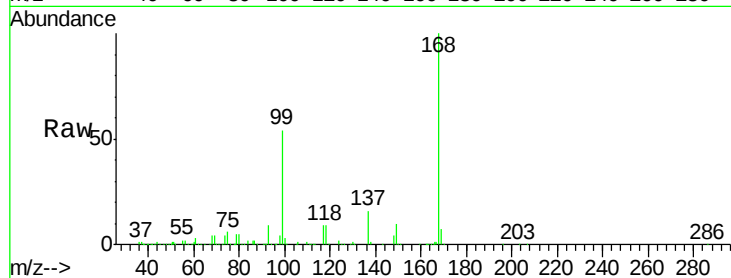
SU-02-022219-A

Tot Ion:168 Resp: 306388

Ion Ratio Lower Upper

168 100

99 53.7 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

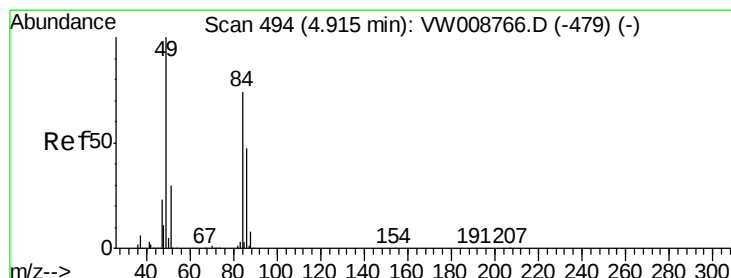
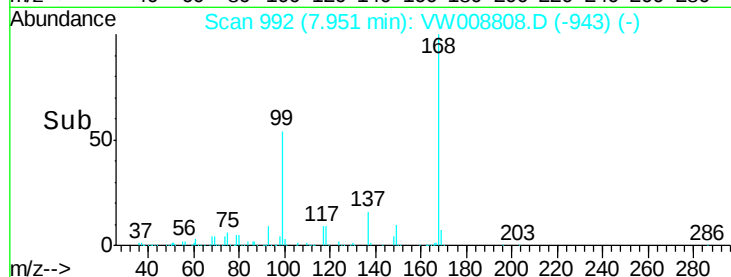
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 1.247 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW008808.D

Acq: 25 Feb 2019 15:51

Tgt Ion: 84 Resp: 20438

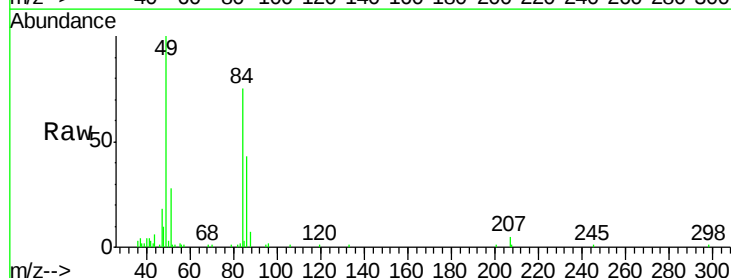
Ion Ratio Lower Upper

84 100

49 132.0 108.2 162.2

51 36.9 32.7 49.1

86 57.9 50.3 75.5



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

12000

10000

8000

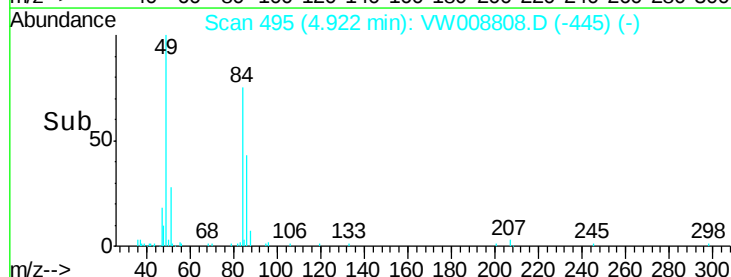
6000

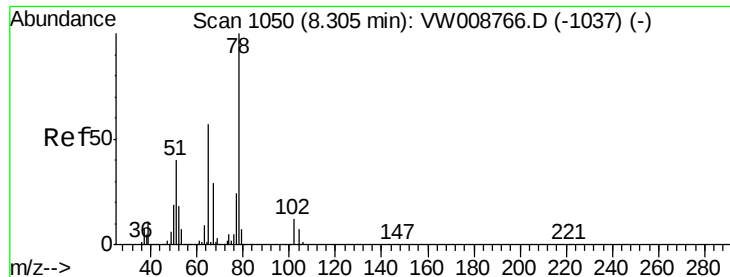
4000

2000

0

Time--> 4.80 4.90 5.00

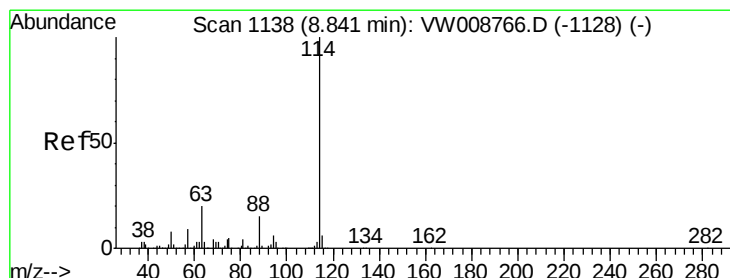
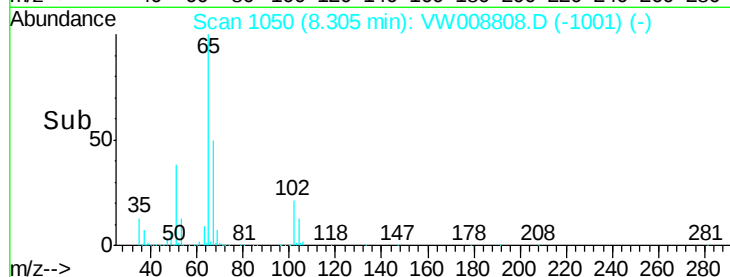
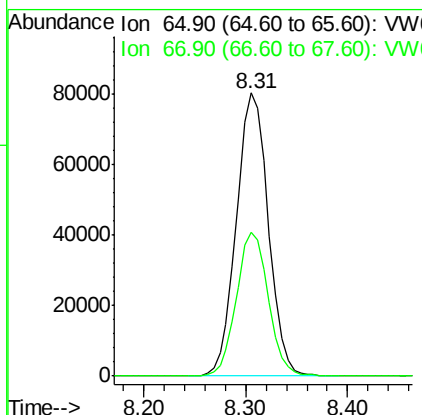
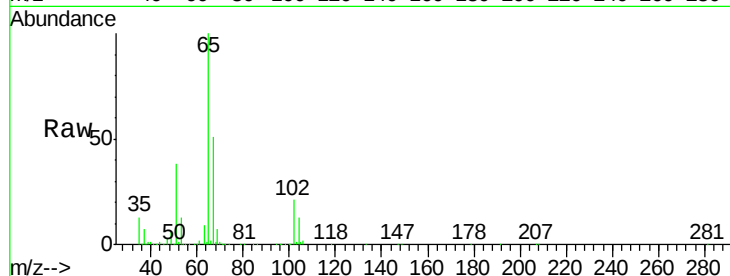




#33
 1,2-Dichloroethane-d4
 Concen: 60.860 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008808.D
 Acq: 25 Feb 2019 15:51

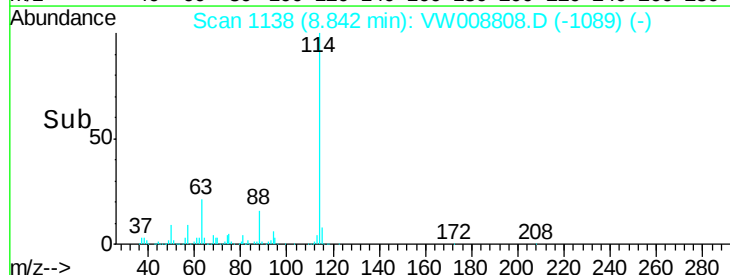
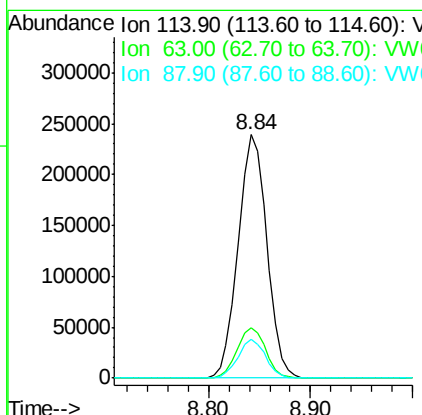
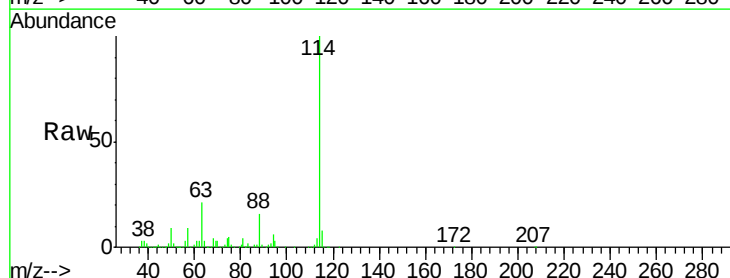
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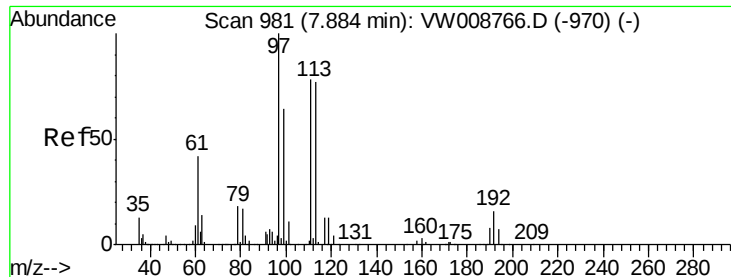
Tot Ion: 65 Resp: 174891
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008808.D
 Acq: 25 Feb 2019 15:51

Tgt Ion: 114 Resp: 467210
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.8
 88 15.7 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.759 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008808.D

Acq: 25 Feb 2019 15:51

Instrument :

MSVOA_W

ClientSampleId :

SU-02-022219-A

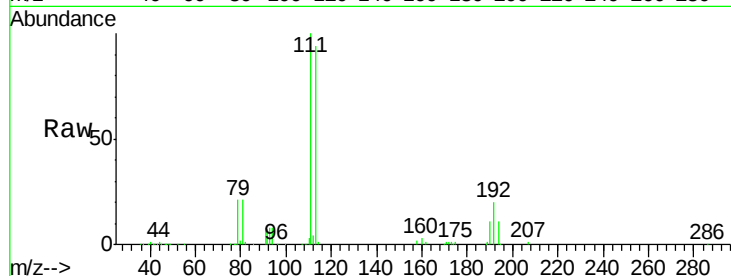
Tot Ion:113 Resp: 142388

Ion Ratio Lower Upper

113 100

111 104.4 81.9 122.9

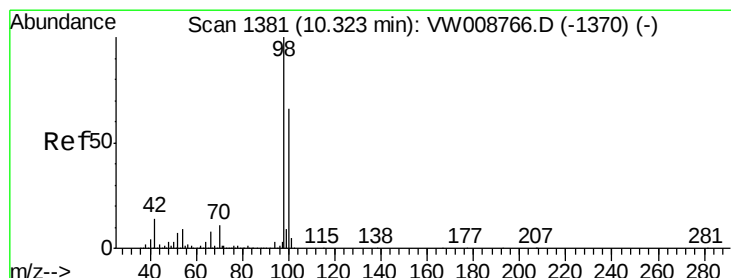
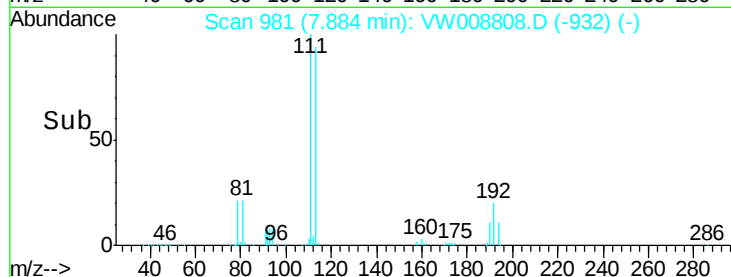
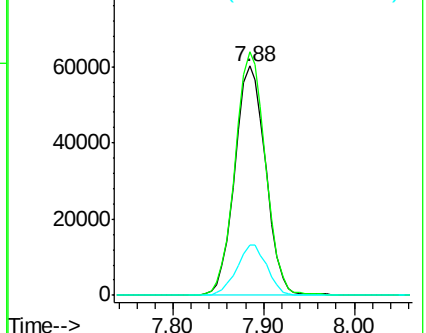
192 21.6 17.1 25.7



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: 50.577 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008808.D

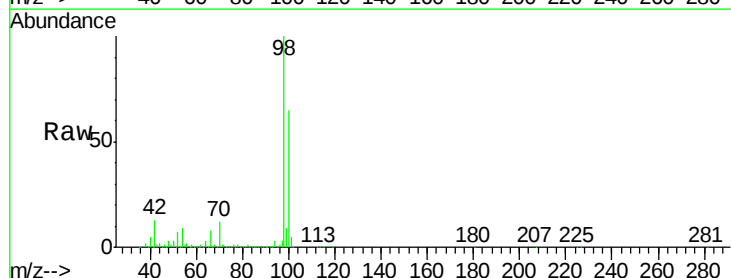
Acq: 25 Feb 2019 15:51

Tgt Ion: 98 Resp: 547694

Ion Ratio Lower Upper

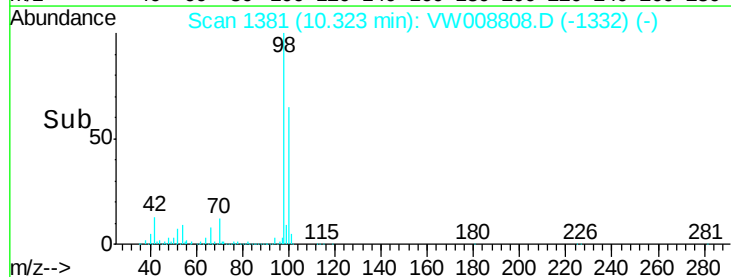
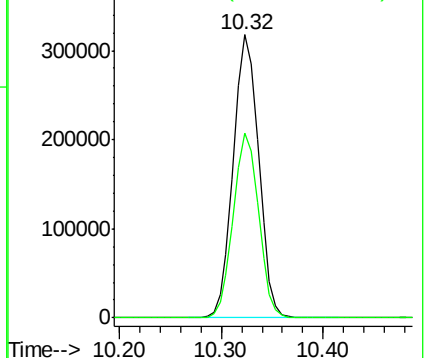
98 100

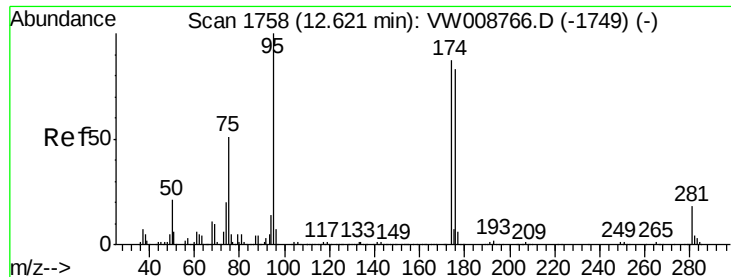
100 65.0 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 42.461 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008808.D

Acq: 25 Feb 2019 15:51

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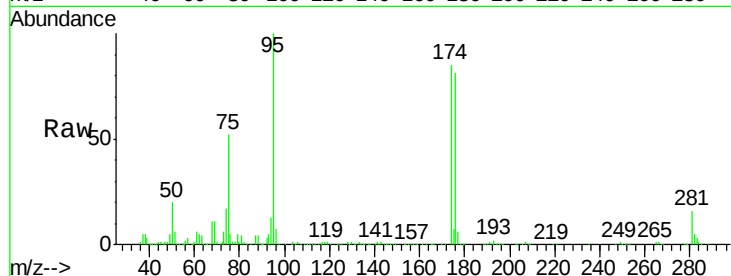
Tot Ion: 95 Resp: 180031

Ion Ratio Lower Upper

95 100

174 86.2 0.0 169.2

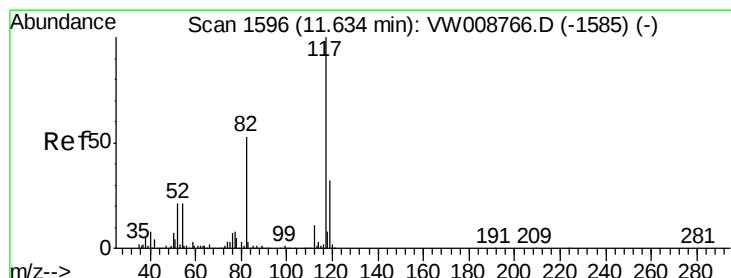
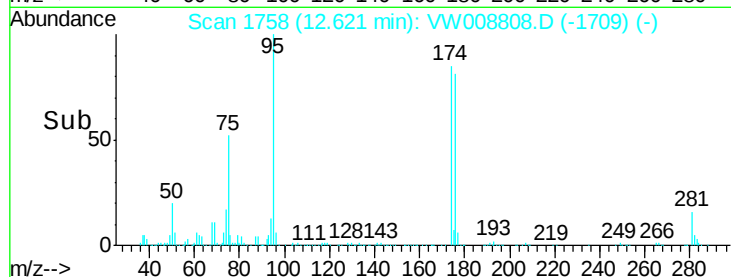
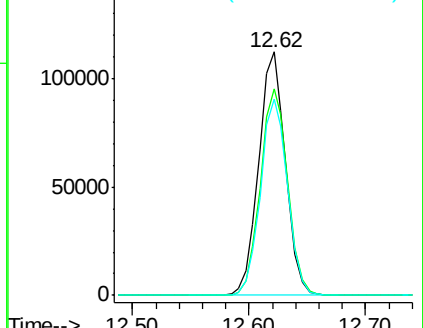
176 81.3 0.0 163.6



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: VW008808.D

Acq: 25 Feb 2019 15:51

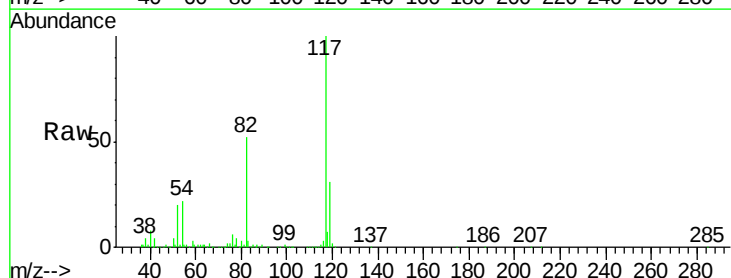
Tgt Ion: 117 Resp: 398754

Ion Ratio Lower Upper

117 100

82 52.4 42.2 63.4

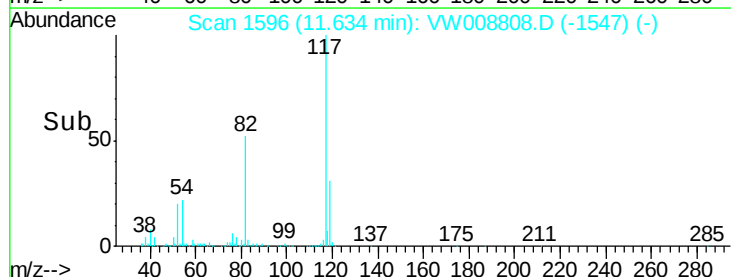
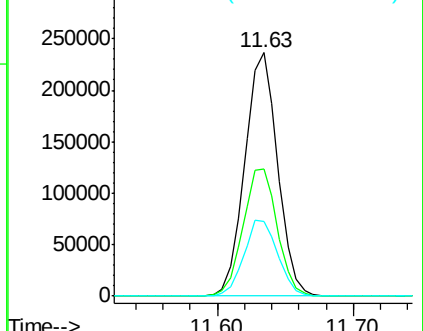
119 30.8 25.9 38.9

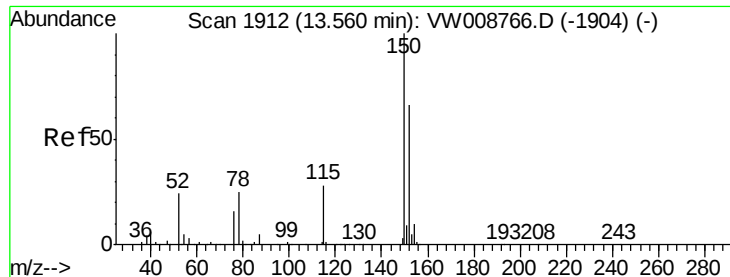


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW008808.D

Acq: 25 Feb 2019 15:51

Instrument :

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ClientSampleId :

SU-02-022219-A

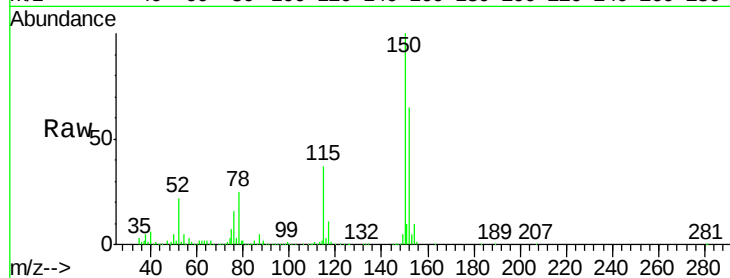
Tot Ion:152 Resp: 173368

Ion Ratio Lower Upper

152 100

115 57.3 28.6 85.8

150 156.9 0.0 348.0



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

