

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015266.D
 Acq On : 21 Apr 2020 16:47
 Operator : SY/VA
 Sample : L2283-04
 Misc : 5.31G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PA-5

Quant Time: Apr 22 07:14:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

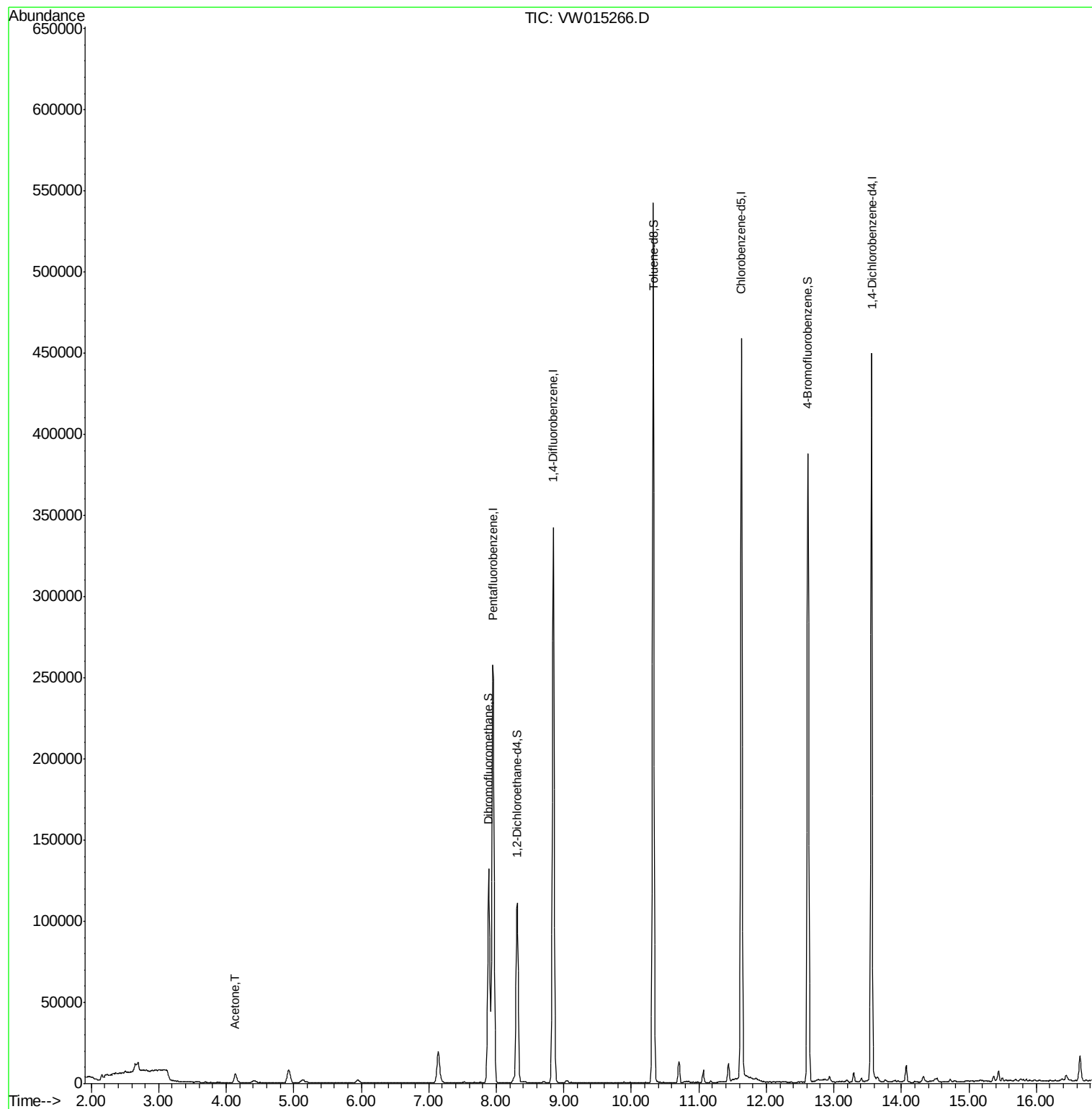
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	219204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	312530	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	271905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	122141	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	88143	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
35) Dibromofluoromethane	7.89	113	91606	52.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.84%	
50) Toluene-d8	10.32	98	366877	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
62) 4-Bromofluorobenzene	12.62	95	121296	43.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.30%	
Target Compounds						
16) Acetone	4.13	43	10307	32.920	ug/l	Qvalue 92

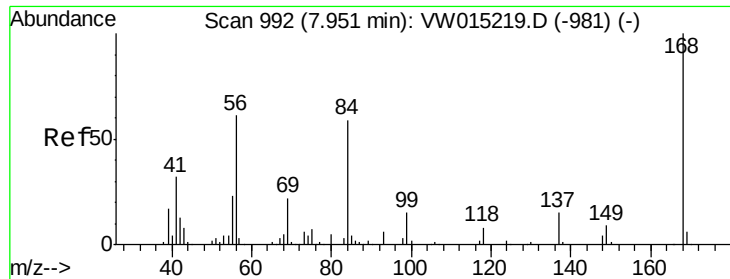
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW015266.D

Acq: 21 Apr 2020 16:47

Instrument :

MSVOA_W

ClientSampleId :

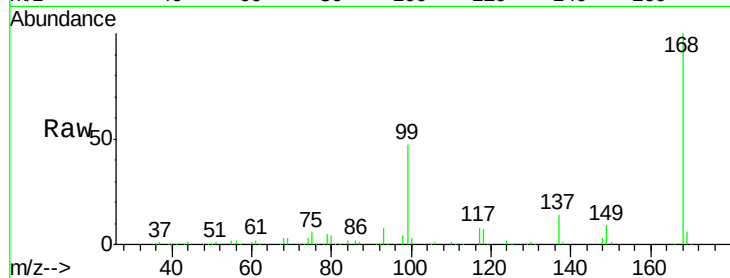
PA-5

Tot Ion:168 Resp: 219204

Ion Ratio Lower Upper

168 100

99 47.0 48.5 72.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

100000

80000

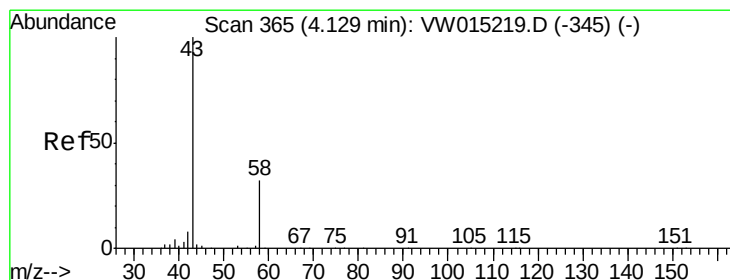
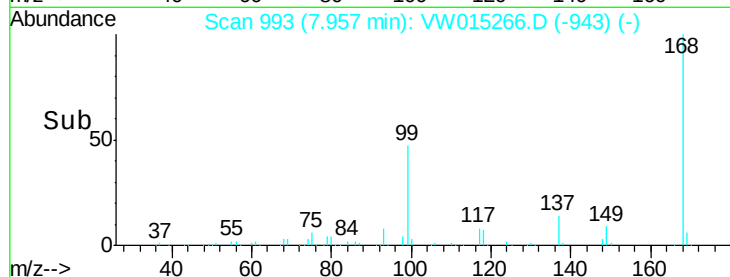
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 32.920 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW015266.D

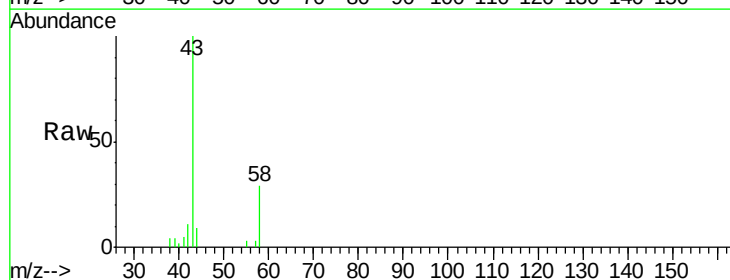
Acq: 21 Apr 2020 16:47

Tgt Ion: 43 Resp: 10307

Ion Ratio Lower Upper

43 100

58 29.1 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

4000

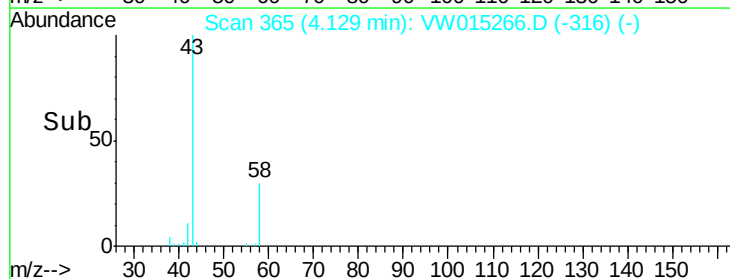
3000

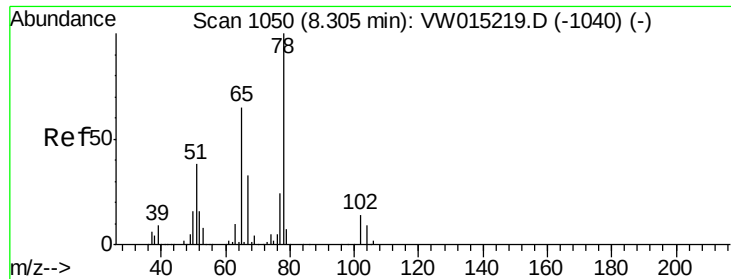
2000

1000

0

Time-->

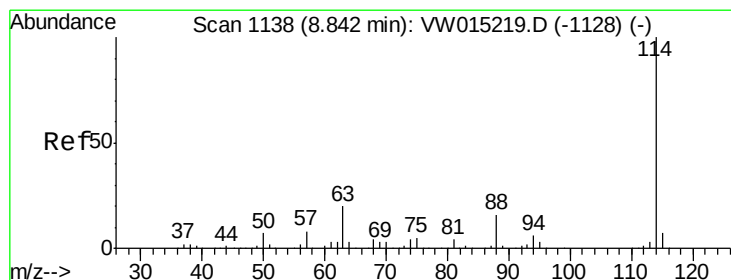
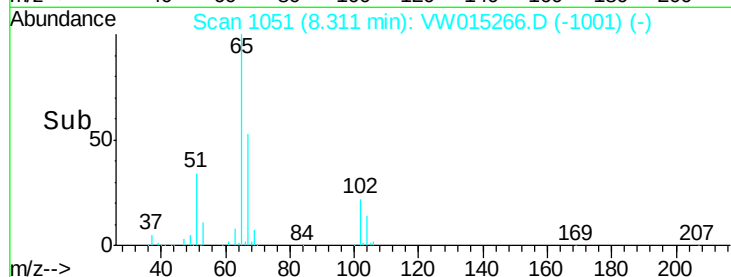
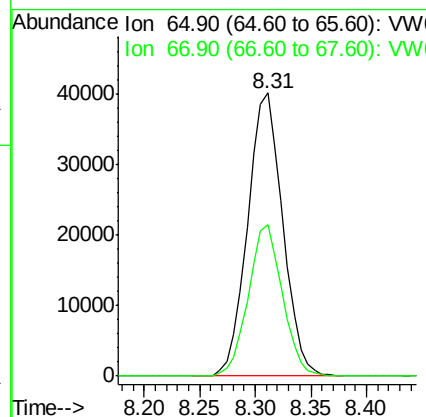
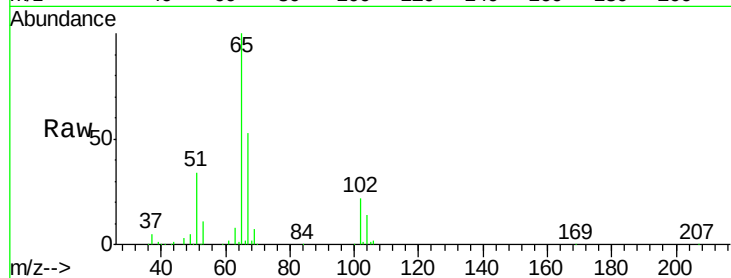




#33
 1,2-Dichloroethane-d4
 Concen: 49.172 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VW015266.D
 Acq: 21 Apr 2020 16:47

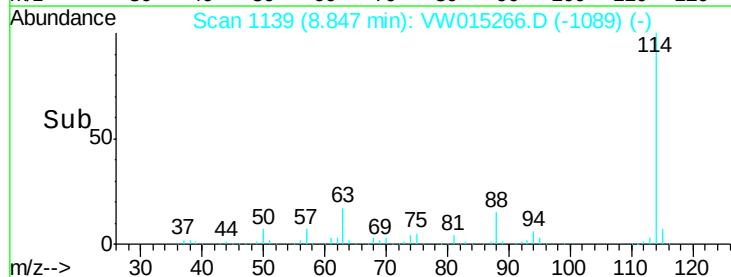
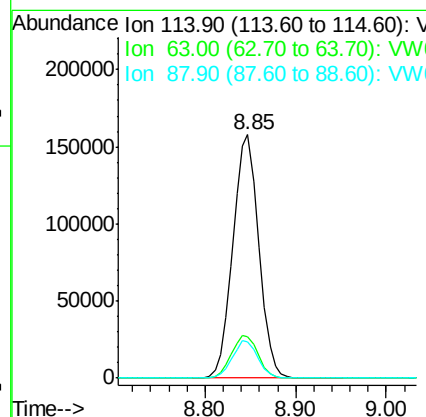
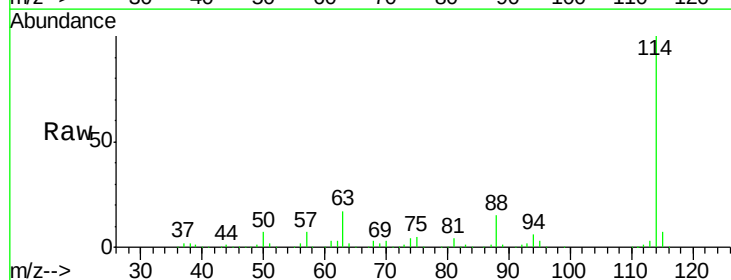
Instrument :
 MSVOA_W
 ClientSampleId :
 PA-5

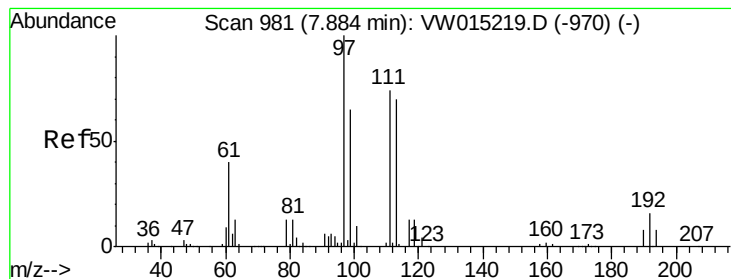
Tot Ion: 65 Resp: 88143
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW015266.D
 Acq: 21 Apr 2020 16:47

Tgt Ion: 114 Resp: 312530
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 39.8
 88 14.9 0.0 30.2





#35

Dibromofluoromethane

Concen: 52.916 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW015266.D

Acq: 21 Apr 2020 16:47

Instrument :

MSVOA_W

ClientSampled :

PA-5

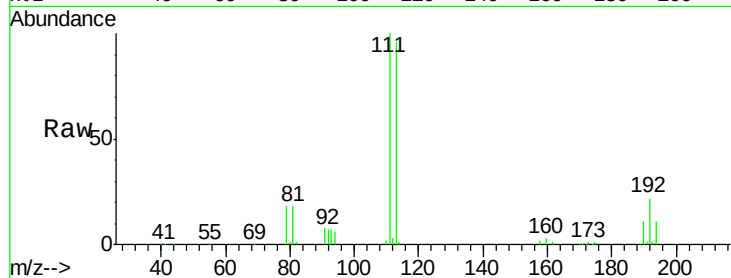
Tot Ion:113 Resp: 91606

Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.4

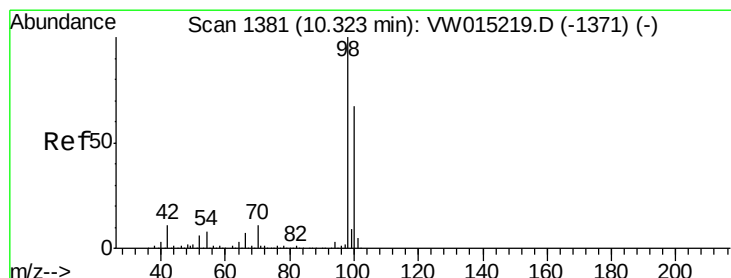
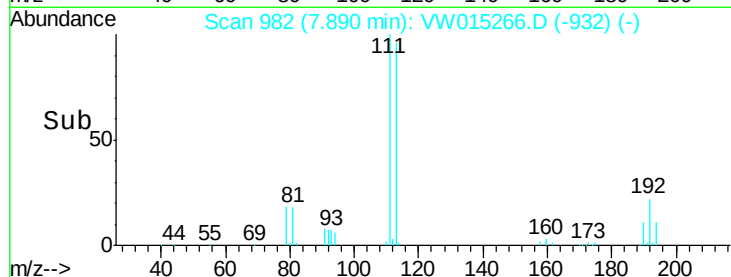
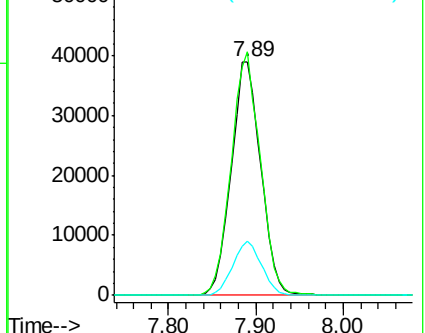
192 22.6 15.1 22.7



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: 50.378 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW015266.D

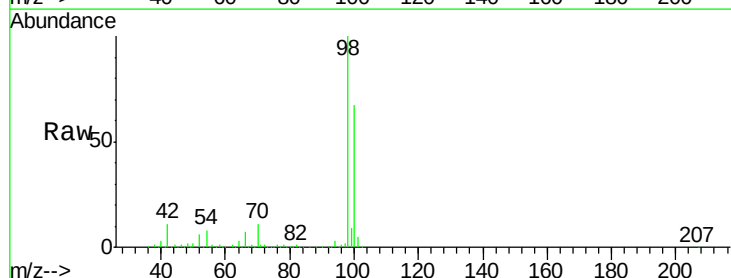
Acq: 21 Apr 2020 16:47

Tgt Ion: 98 Resp: 366877

Ion Ratio Lower Upper

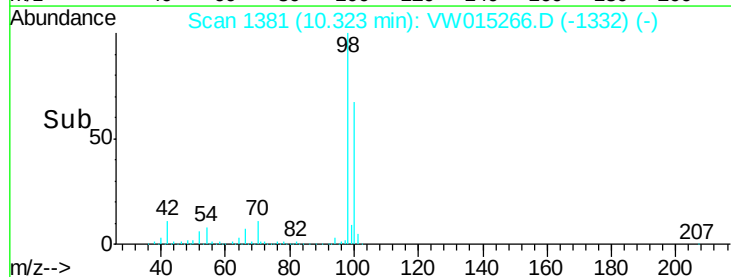
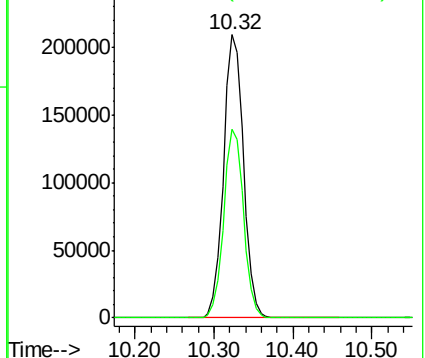
98 100

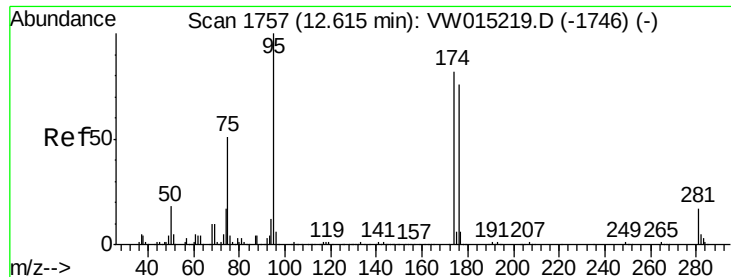
100 66.4 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 43.654 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW015266.D

Acq: 21 Apr 2020 16:47

Instrument :

MSVOA_W

ClientSampleId :

PA-5

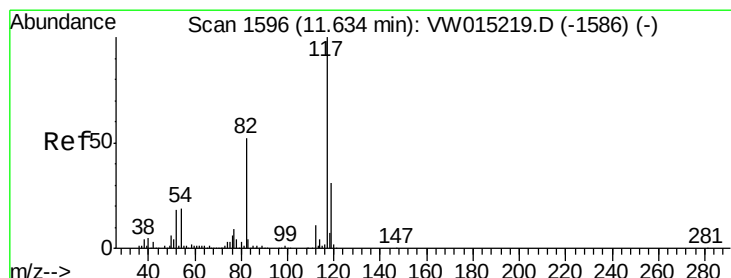
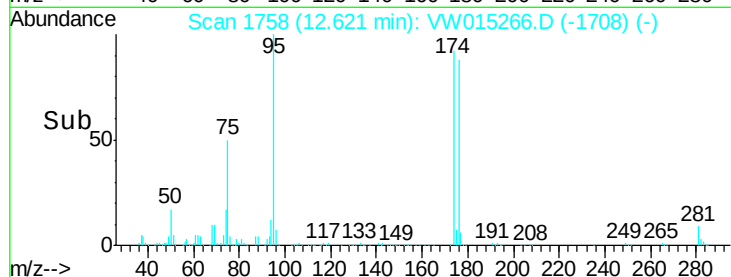
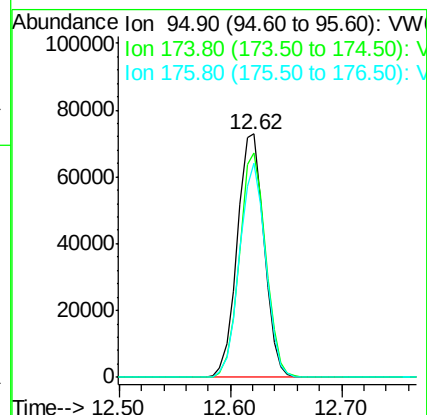
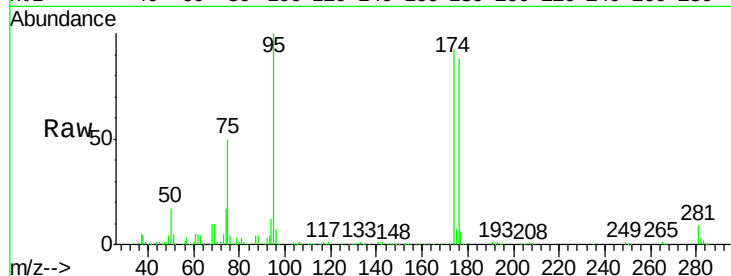
Tot Ion: 95 Resp: 121296

Ion Ratio Lower Upper

95 100

174 90.1 0.0 144.4

176 85.5 0.0 140.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW015266.D

Acq: 21 Apr 2020 16:47

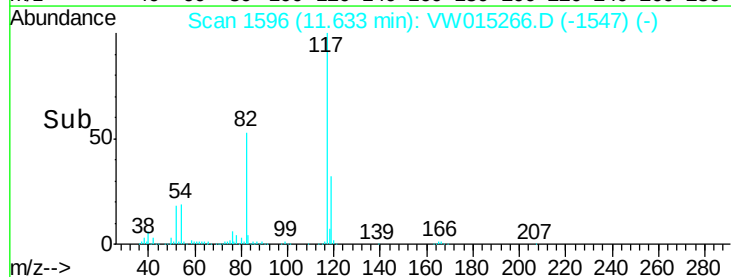
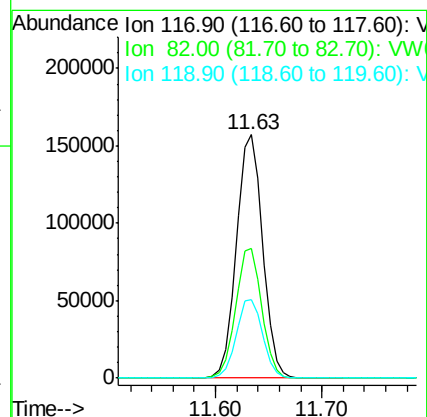
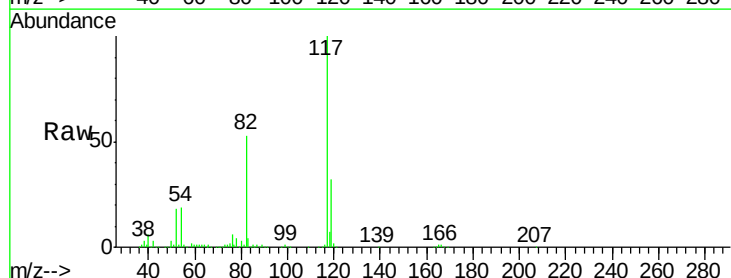
Tgt Ion: 117 Resp: 271905

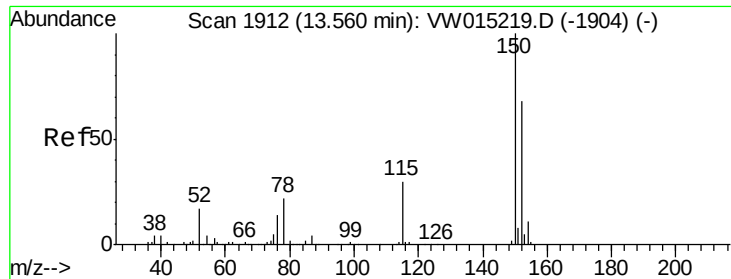
Ion Ratio Lower Upper

117 100

82 53.2 44.1 66.1

119 32.4 24.9 37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW015266.D

Acq: 21 Apr 2020 16:47

Instrument :

MSVOA_W

ClientSampleId :

PA-5

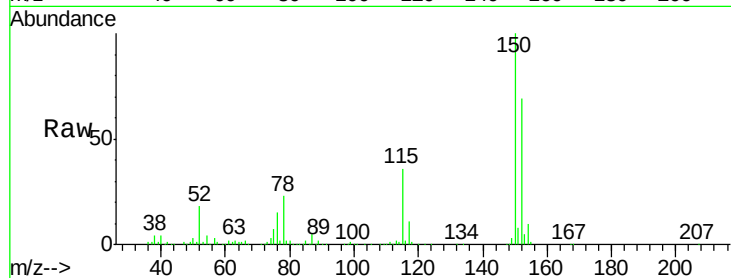
Tot Ion:152 Resp: 122141

Ion Ratio Lower Upper

152 100

115 55.1 31.3 93.9

150 155.8 0.0 343.4



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

