

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015259.D
 Acq On : 21 Apr 2020 13:51
 Operator : SY/VA
 Sample : L2346-06RE
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S-4ARE

Quant Time: Apr 22 06:43:39 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

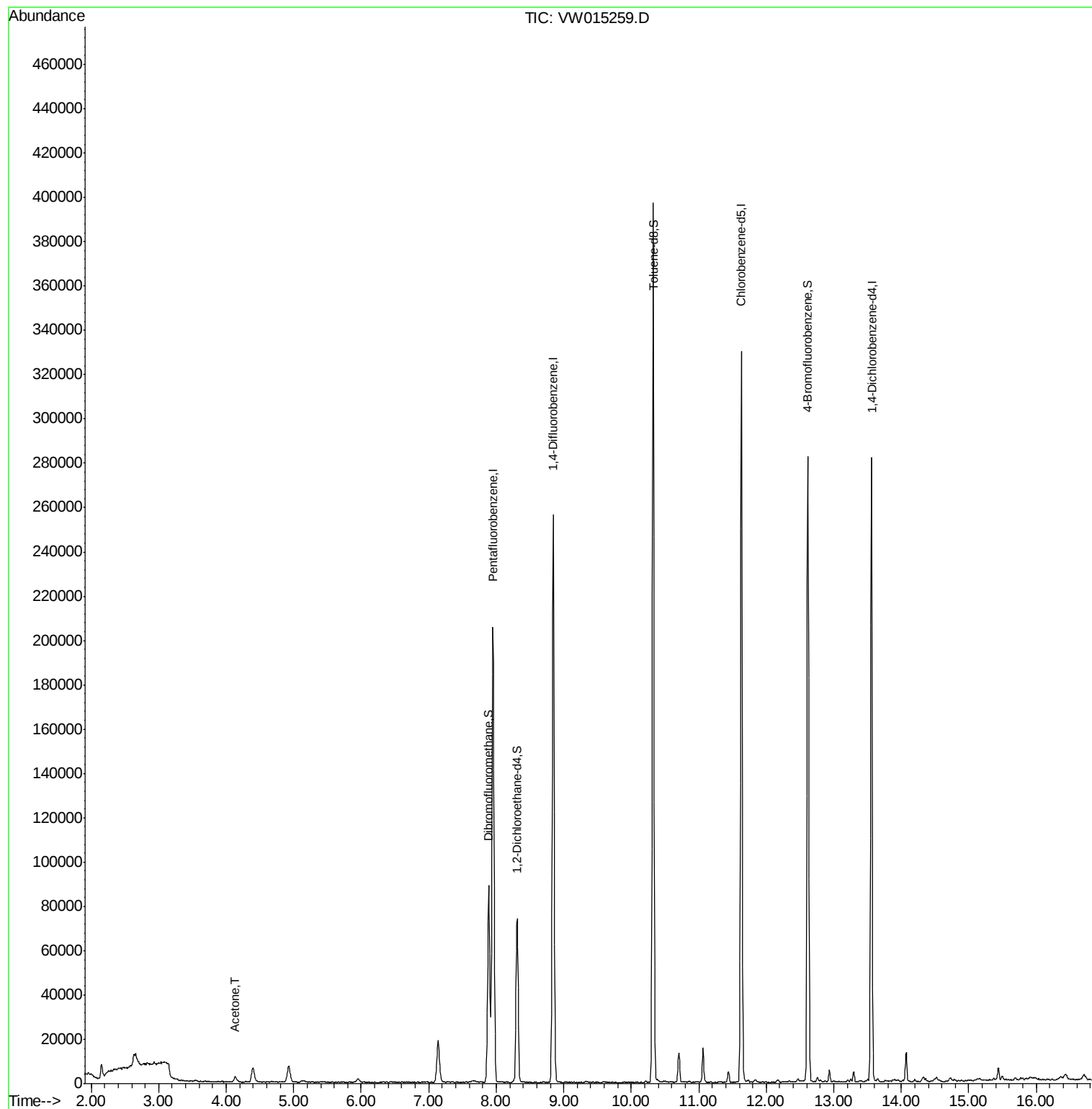
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	167440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	231207	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	198073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	80775	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	57930	42.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.62%	
35) Dibromofluoromethane	7.89	113	63255	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
50) Toluene-d8	10.32	98	270574	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
62) 4-Bromofluorobenzene	12.62	95	84737	41.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.44%	
Target Compounds						
16) Acetone	4.14	43	4412	18.448	ug/l	Qvalue 95

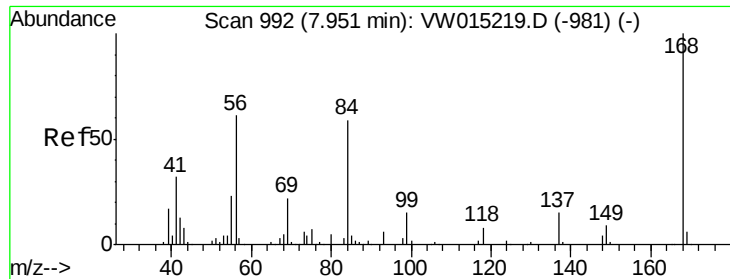
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW015259.D

Acq: 21 Apr 2020 13:51

Instrument :

MSVOA_W

ClientSampled :

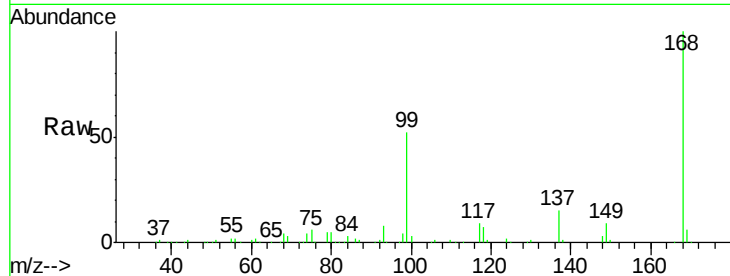
S-4ARE

Tot Ion:168 Resp: 167440

Ion Ratio Lower Upper

168 100

99 51.7 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

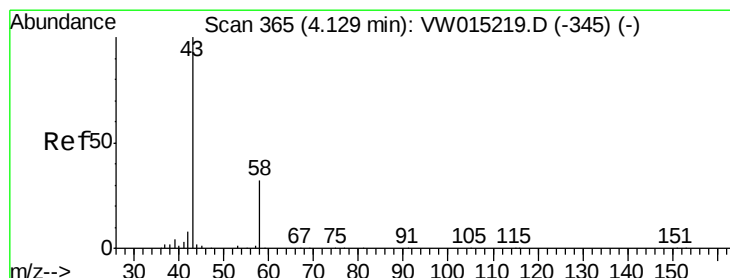
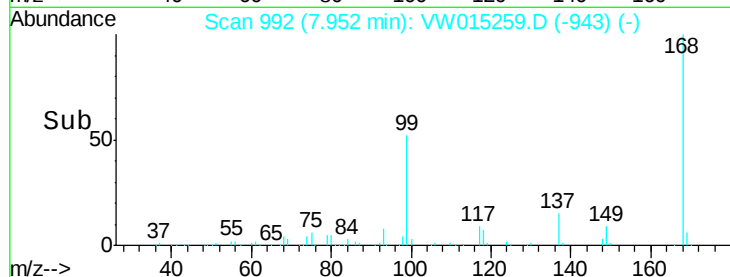
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 18.448 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015259.D

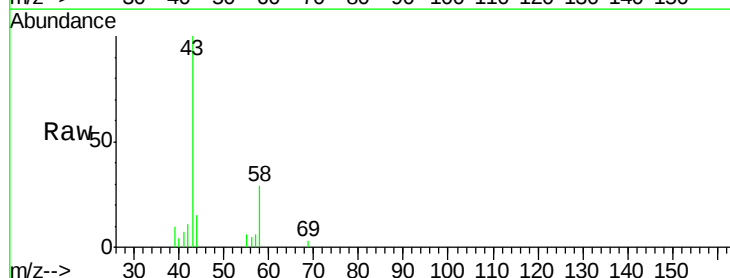
Acq: 21 Apr 2020 13:51

Tgt Ion: 43 Resp: 4412

Ion Ratio Lower Upper

43 100

58 30.7 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

2000

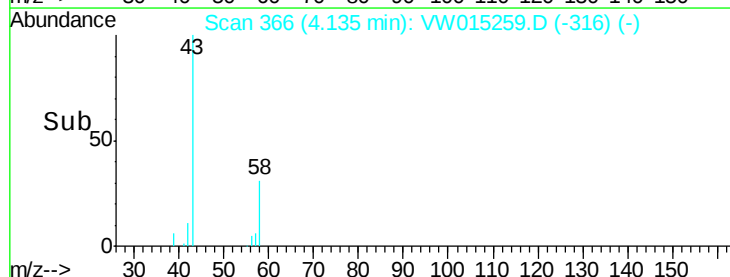
1500

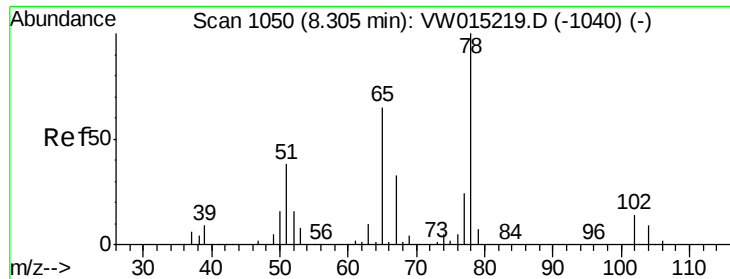
1000

500

0

Time--> 4.00 4.10 4.20

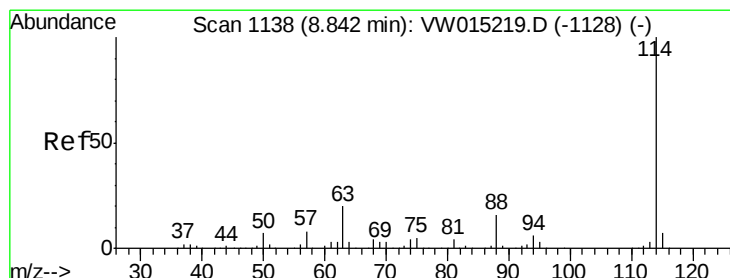
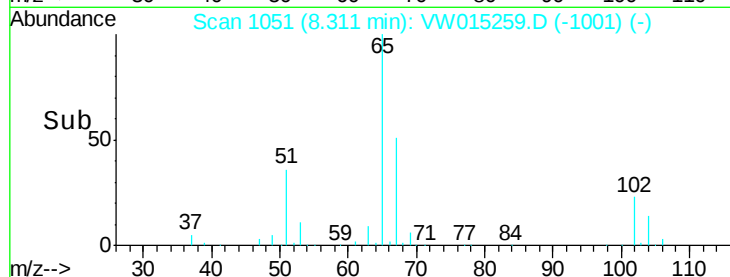
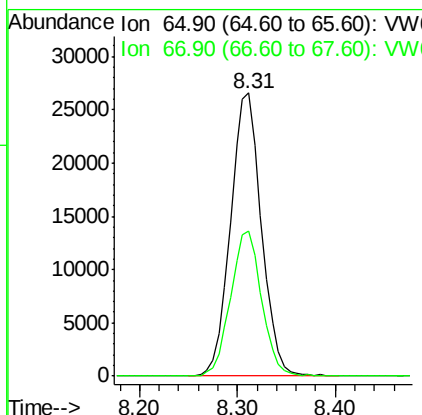
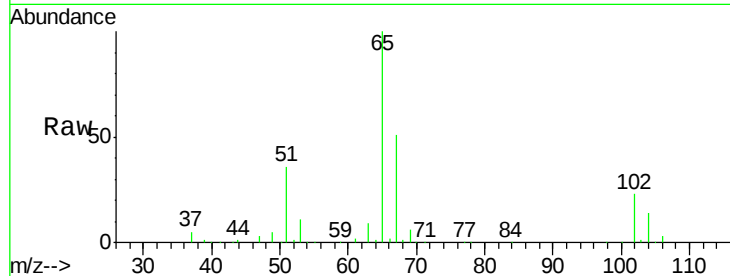




#33
 1,2-Dichloroethane-d4
 Concen: 42.308 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VW015259.D
 Acq: 21 Apr 2020 13:51

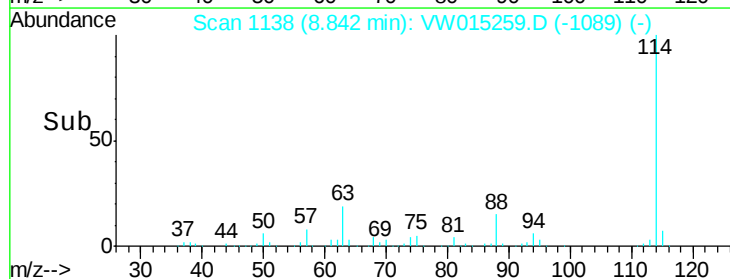
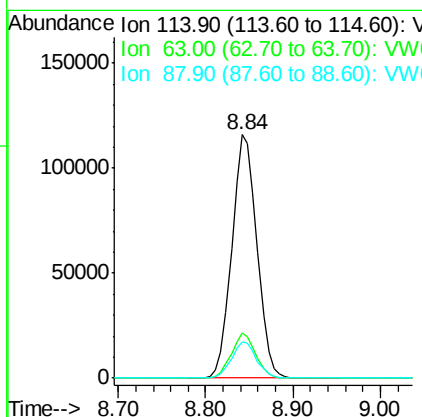
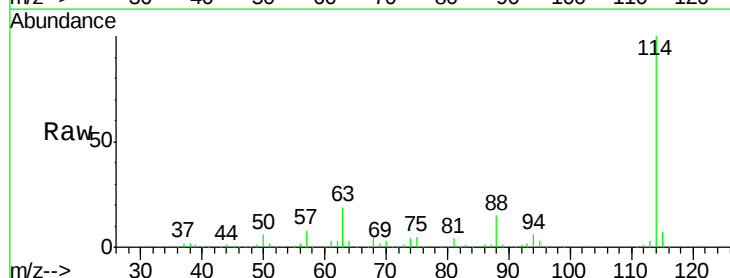
Instrument :
 MSVOA_W
 ClientSampled :
 S-4ARE

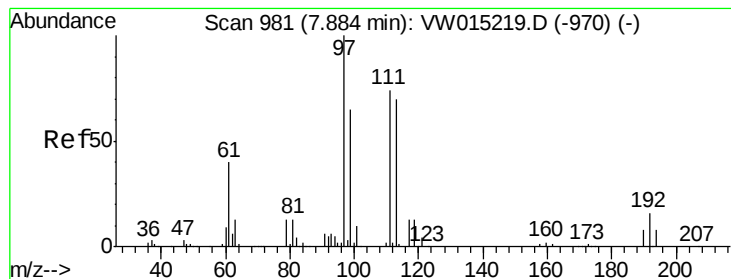
Tot Ion: 65 Resp: 57930
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015259.D
 Acq: 21 Apr 2020 13:51

Tgt Ion: 114 Resp: 231207
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.8
 88 15.0 0.0 30.2





#35

Dibromofluoromethane

Concen: 49.391 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW015259.D

Acq: 21 Apr 2020 13:51

Instrument :

MSVOA_W

ClientSampleId :

S-4ARE

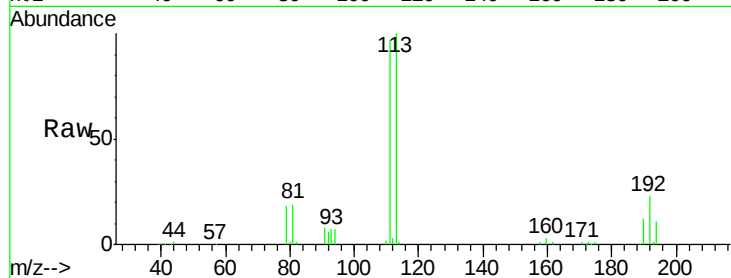
Tot Ion:113 Resp: 63255

Ion Ratio Lower Upper

113 100

111 100.7 83.0 124.4

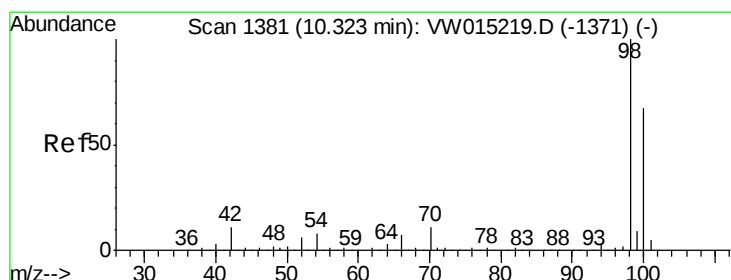
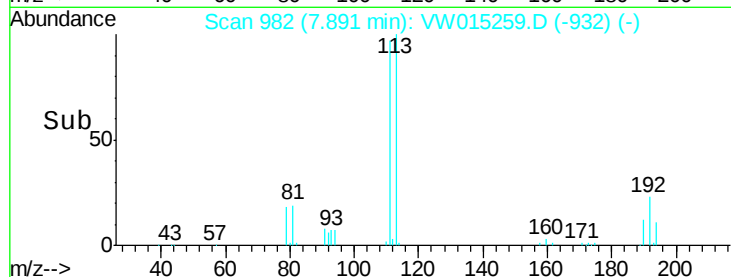
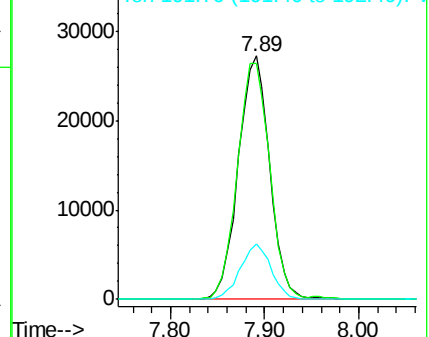
192 22.4 15.1 22.7



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: 50.222 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015259.D

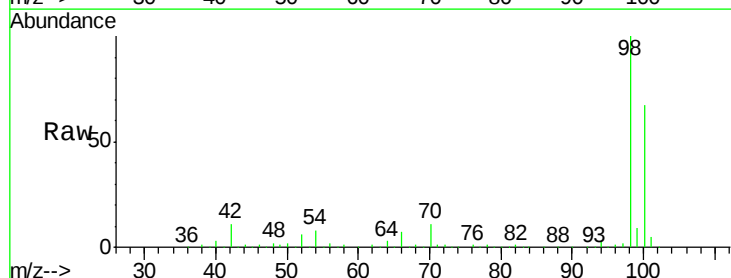
Acq: 21 Apr 2020 13:51

Tgt Ion: 98 Resp: 270574

Ion Ratio Lower Upper

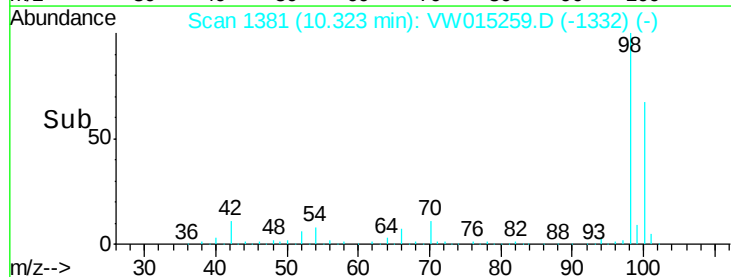
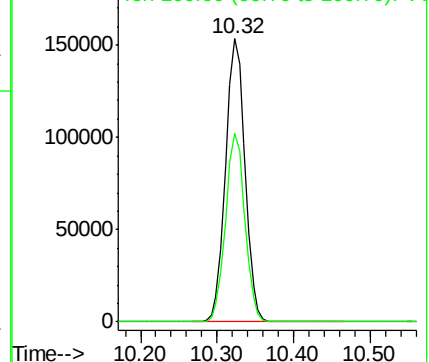
98 100

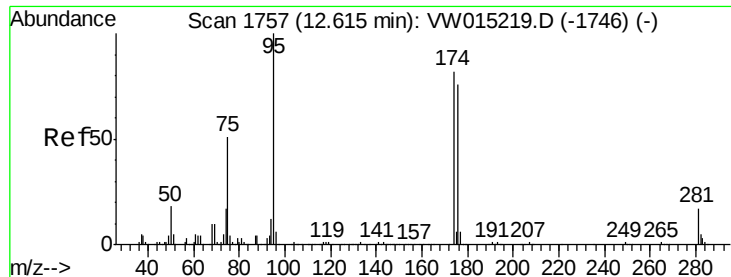
100 65.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 41.223 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW015259.D

Acq: 21 Apr 2020 13:51

Instrument :

MSVOA_W

ClientSampleId :

S-4ARE

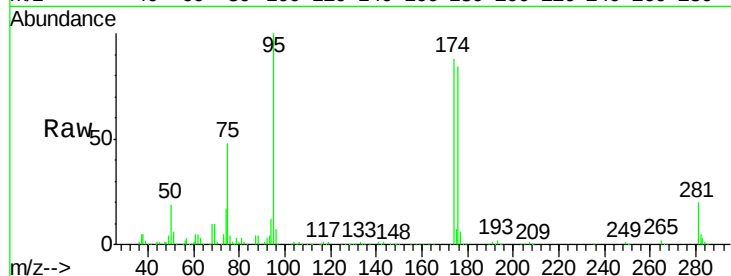
Tot Ion: 95 Resp: 84737

Ion Ratio Lower Upper

95 100

174 90.9 0.0 144.4

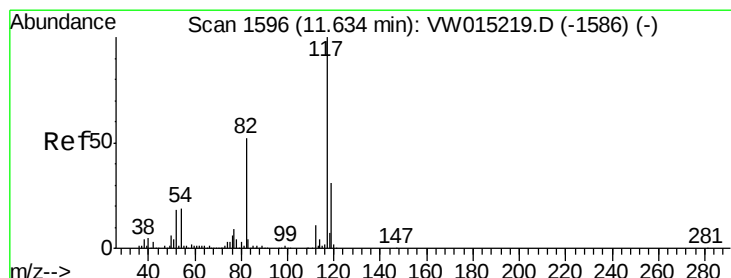
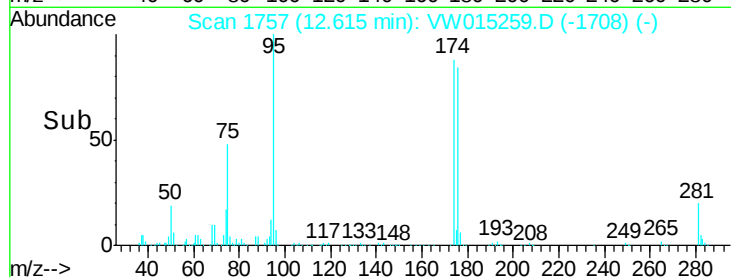
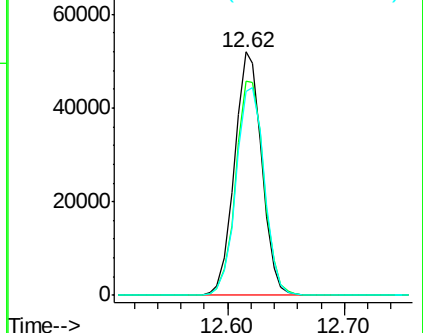
176 88.8 0.0 140.6



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: VW015259.D

Acq: 21 Apr 2020 13:51

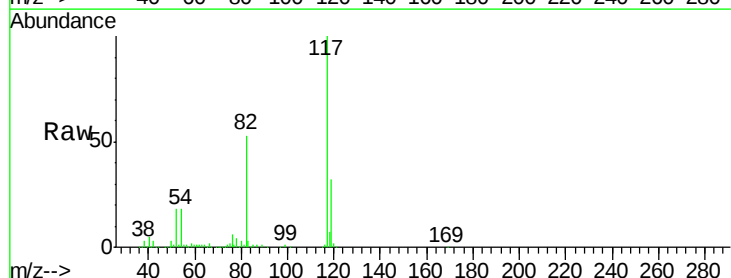
Tgt Ion: 117 Resp: 198073

Ion Ratio Lower Upper

117 100

82 52.7 44.1 66.1

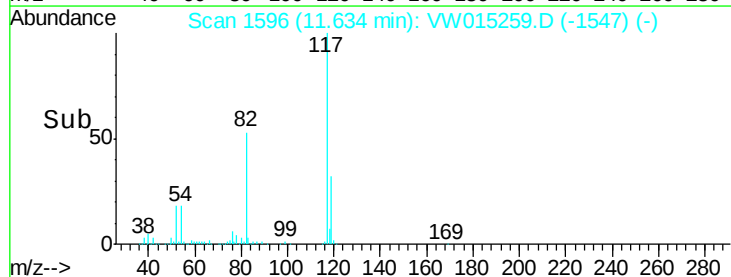
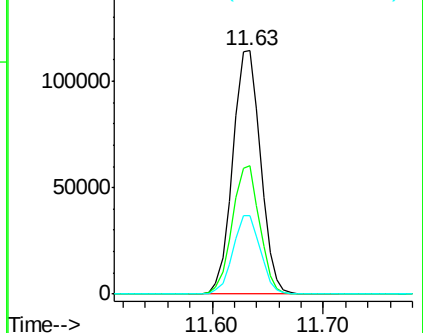
119 32.2 24.9 37.3

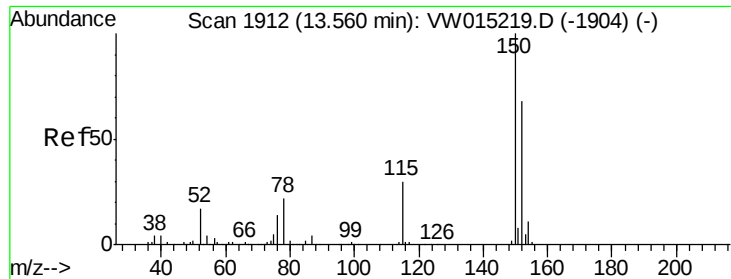


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW015259.D

Acq: 21 Apr 2020 13:51

Instrument :

MSVOA_W

ClientSampleId :

S-4ARE

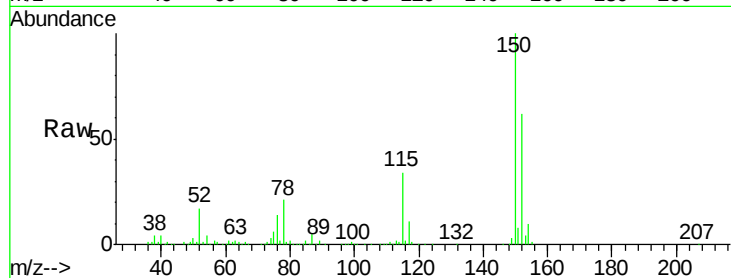
Tot Ion:152 Resp: 80775

Ion Ratio Lower Upper

152 100

115 56.4 31.3 93.9

150 158.2 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

