

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015265.D
 Acq On : 21 Apr 2020 16:22
 Operator : SY/VA
 Sample : L2283-03RE
 Misc : 4.71G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PA-1RE

Quant Time: Apr 22 07:12:07 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

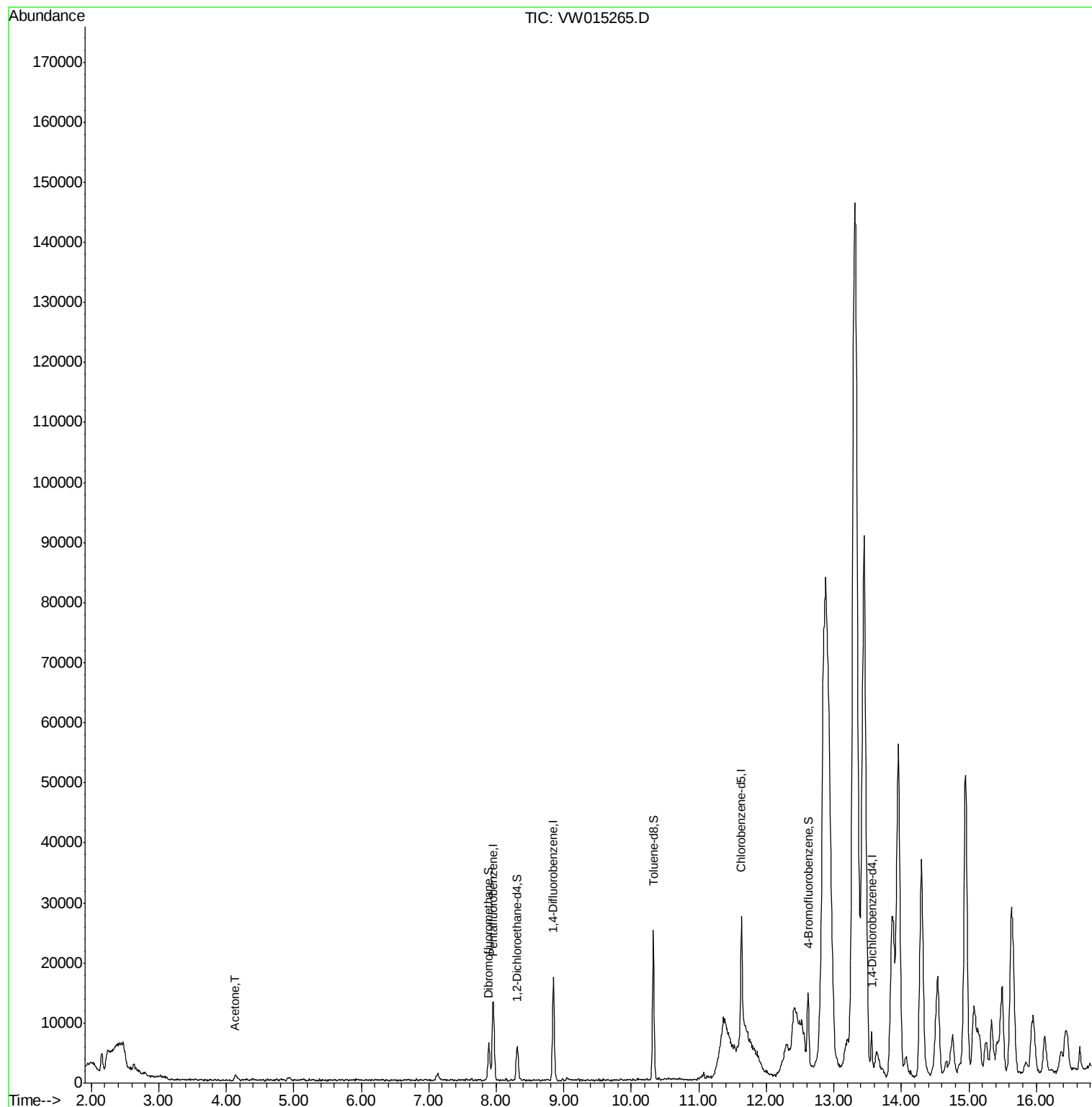
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	11210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	15907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	11257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	2031	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	4562	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
35) Dibromofluoromethane	7.89	113	4175	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	
50) Toluene-d8	10.32	98	17226	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	
62) 4-Bromofluorobenzene	12.62	95	3606	25.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	51.00%	
Target Compounds						
16) Acetone	4.14	43	1563	97.619	ug/l	Qvalue 93

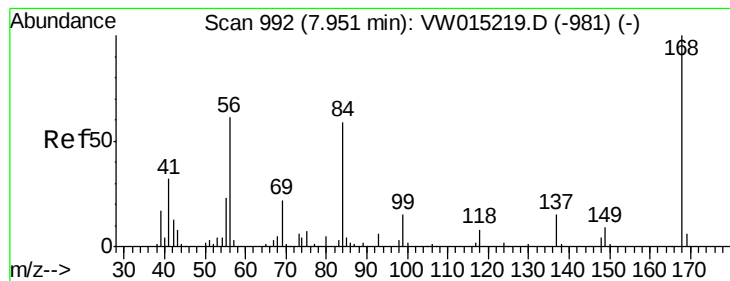
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW015265.D

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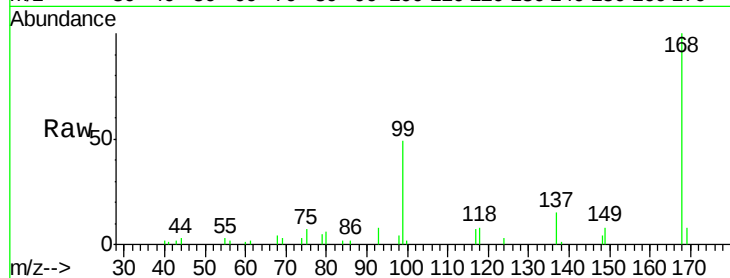
PA-1RE

Tot Ion:168 Resp: 11210

Ion Ratio Lower Upper

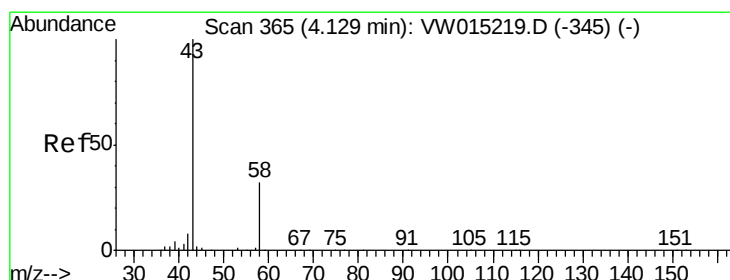
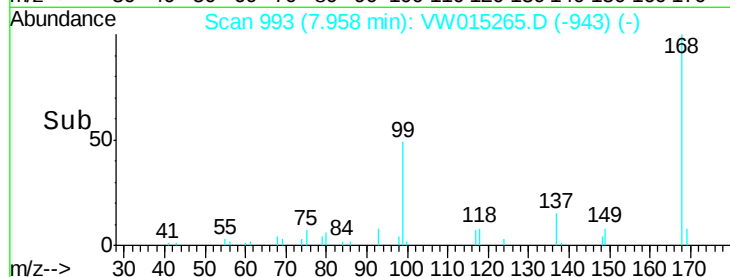
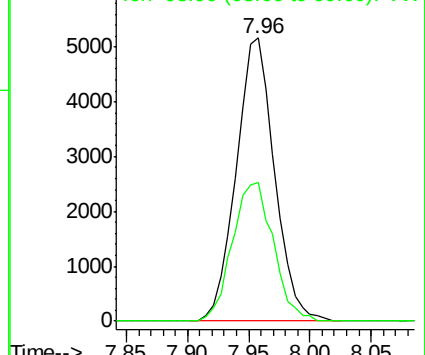
168 100

99 48.9 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 97.619 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW015265.D

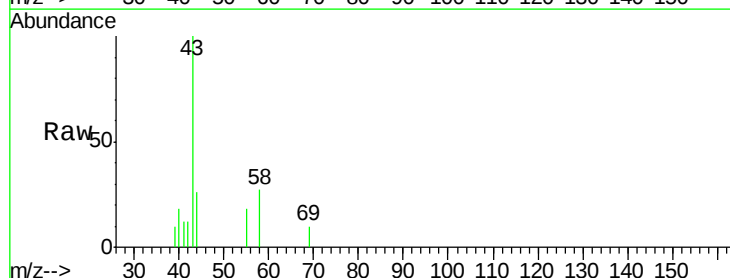
Acq: 21 Apr 2020 16:22

Tgt Ion: 43 Resp: 1563

Ion Ratio Lower Upper

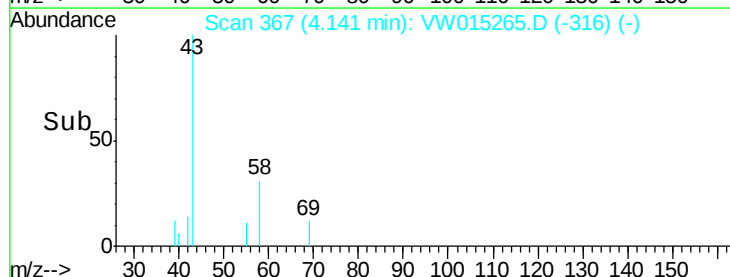
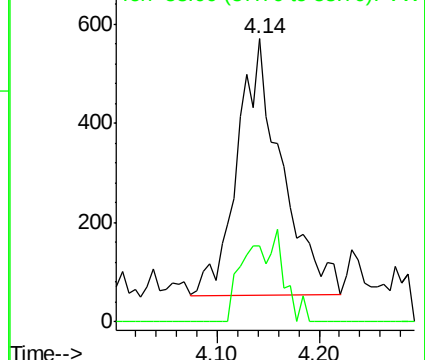
43 100

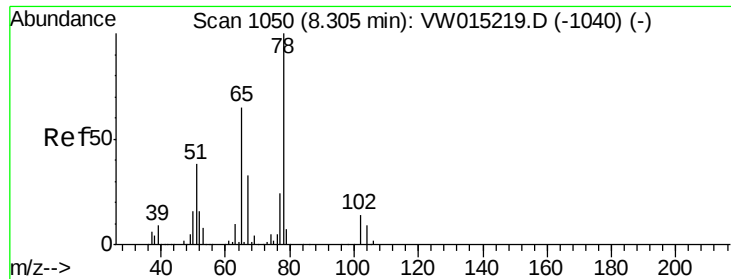
58 29.7 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#33

1,2-Dichloroethane-d4

Concen: 49.766 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VW015265.D

Acq: 21 Apr 2020 16:22

Instrument :

MSVOA_W

ClientSampleId :

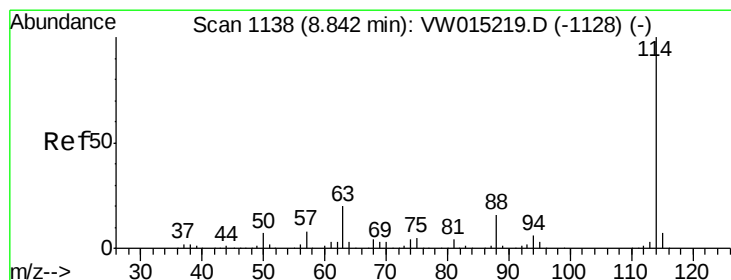
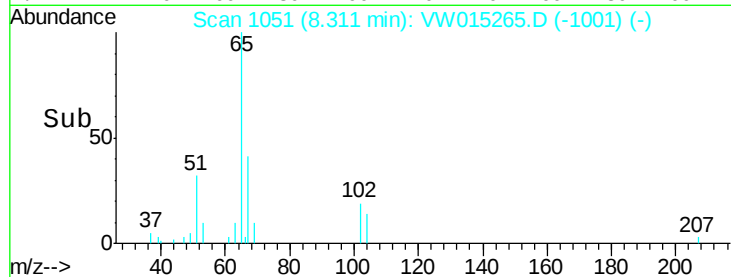
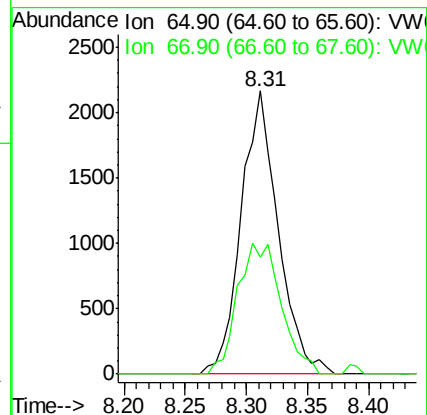
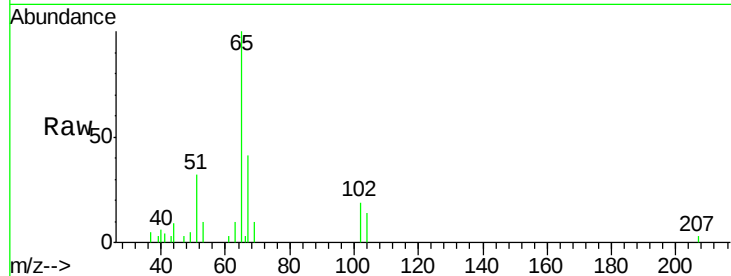
PA-1RE

Tot Ion: 65 Resp: 4562

Ion Ratio Lower Upper

65 100

67 54.5 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: VW015265.D

Acq: 21 Apr 2020 16:22

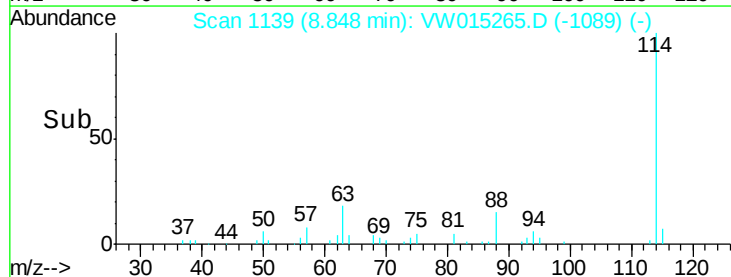
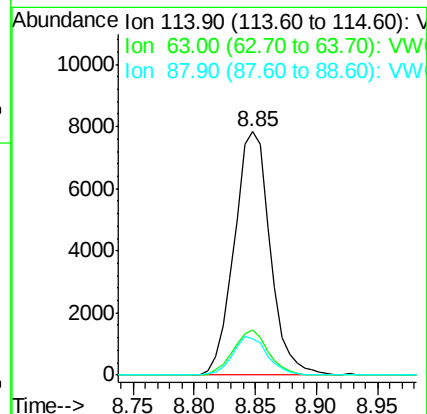
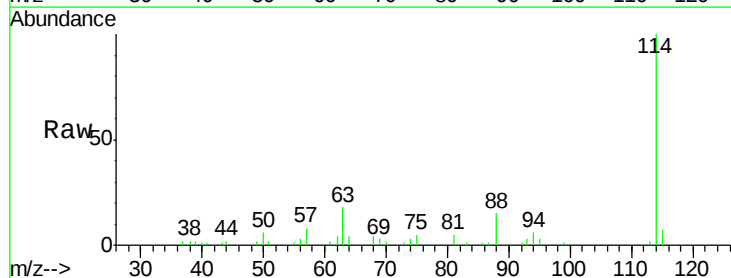
Tgt Ion: 114 Resp: 15907

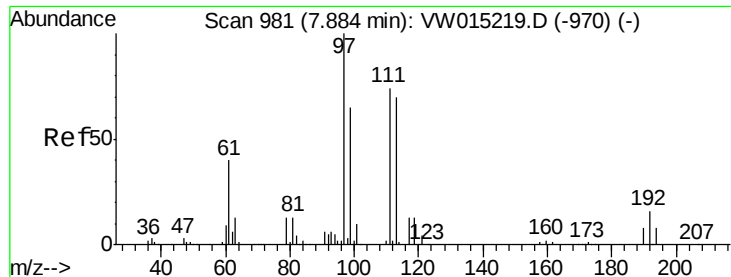
Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.8

88 15.1 0.0 30.2

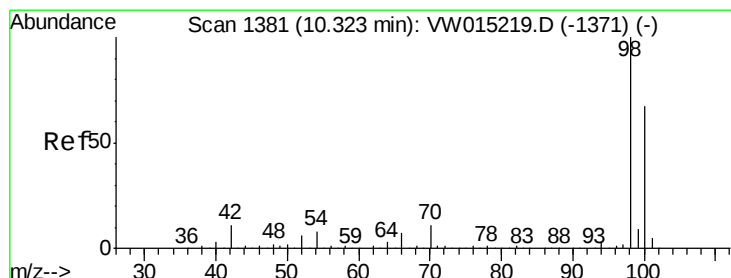
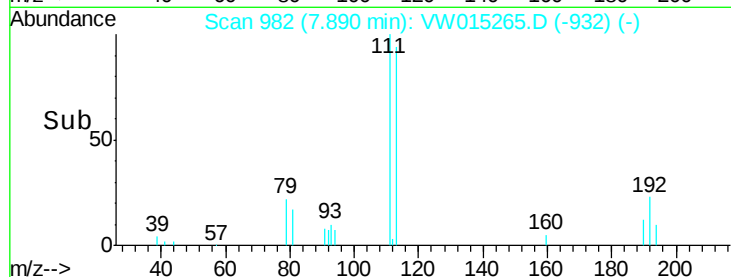
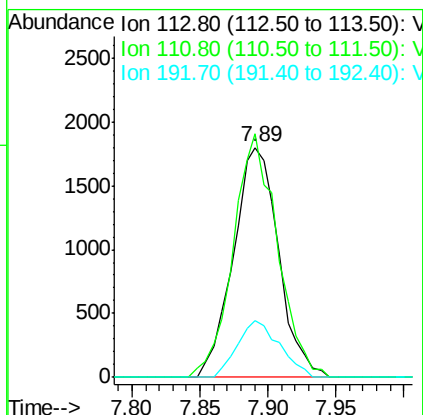
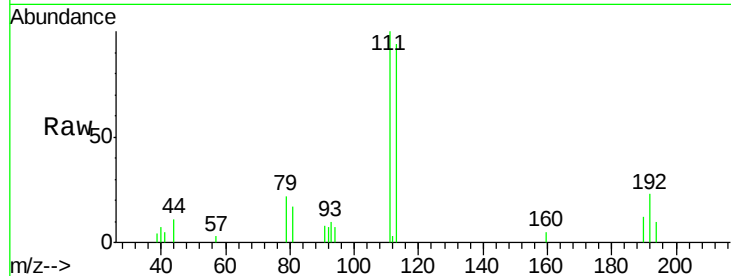




#35
 Dibromofluoromethane
 Concen: 47.383 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW015265.D
 Acq: 21 Apr 2020 16:22

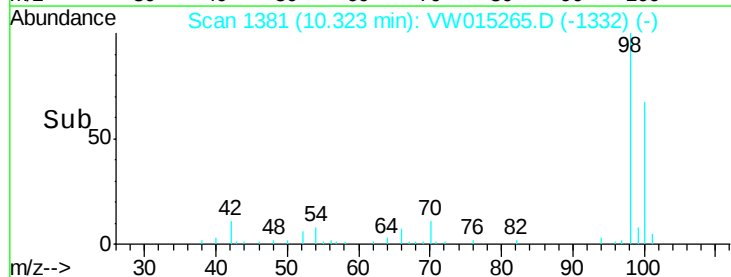
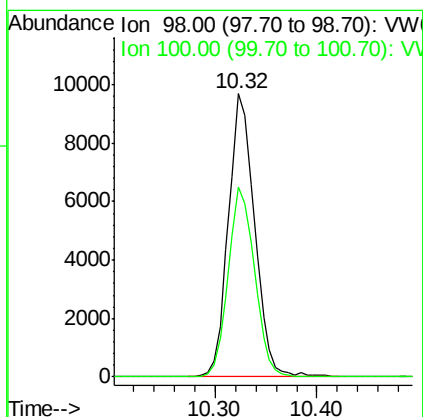
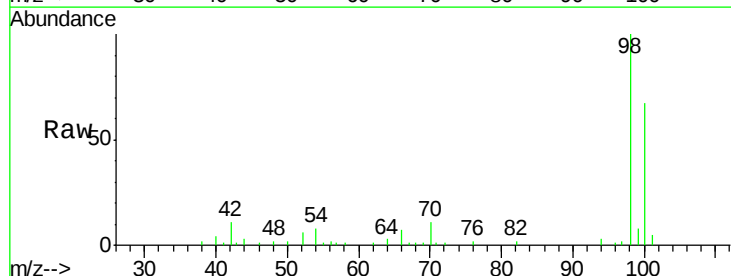
Instrument :
 MSVOA_W
 ClientSampleId :
 PA-1RE

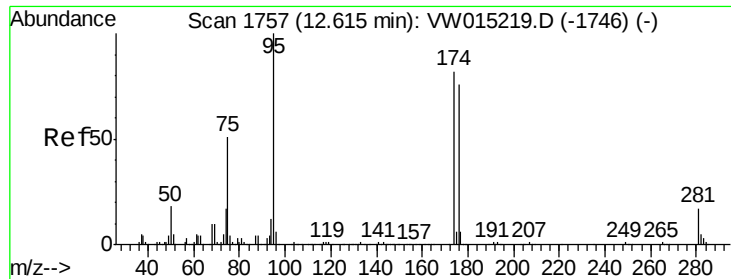
Tot Ion:113 Resp: 4175
 Ion Ratio Lower Upper
 113 100
 111 103.8 83.0 124.4
 192 23.0 15.1 22.7#



#50
 Toluene-d8
 Concen: 46.474 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW015265.D
 Acq: 21 Apr 2020 16:22

Tgt Ion: 98 Resp: 17226
 Ion Ratio Lower Upper
 98 100
 100 66.9 52.9 79.3





#62

4-Bromofluorobenzene

Concen: 25.498 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW015265.D

Acq: 21 Apr 2020 16:22

Instrument :

MSVOA_W

ClientSampleId :

PA-1RE

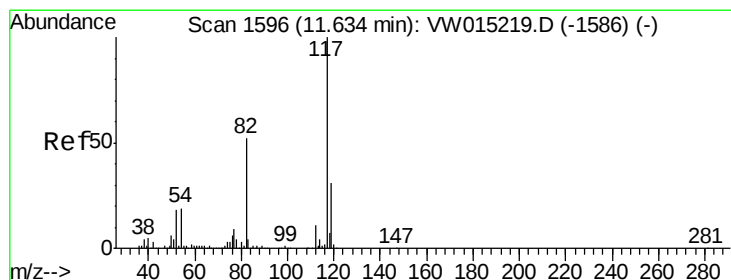
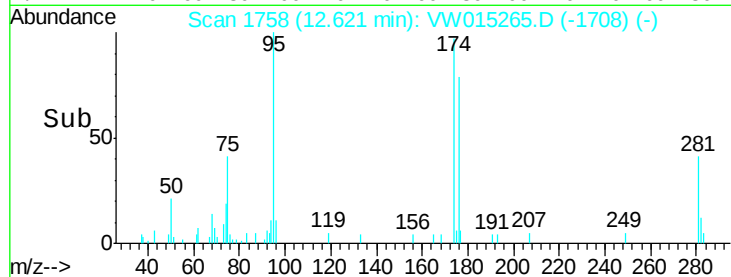
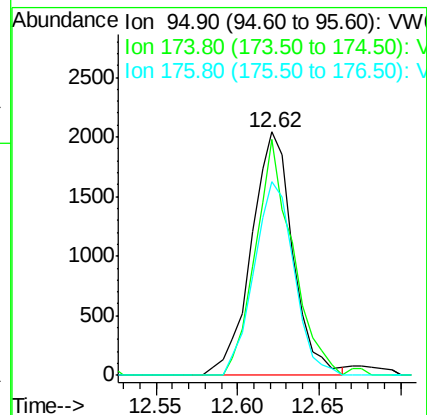
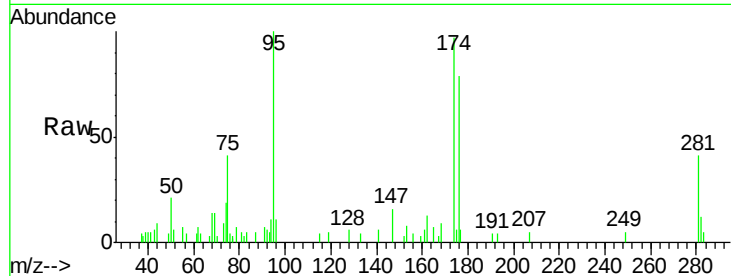
Tot Ion: 95 Resp: 3606

Ion Ratio Lower Upper

95 100

174 87.3 0.0 144.4

176 76.6 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: VW015265.D

Acq: 21 Apr 2020 16:22

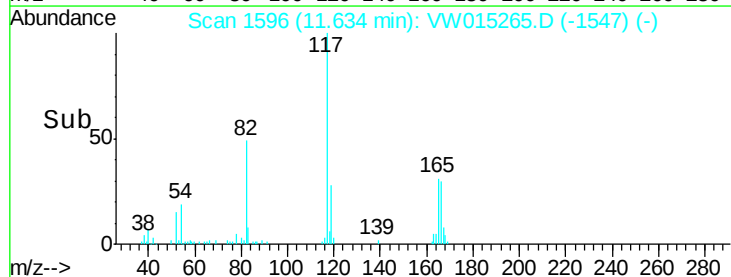
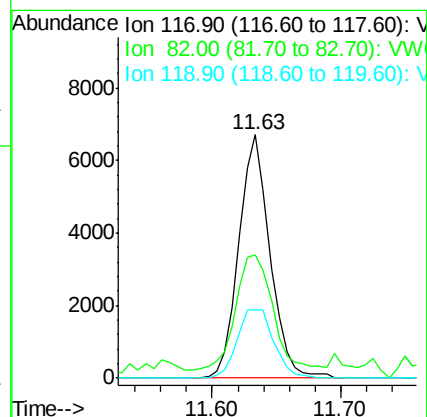
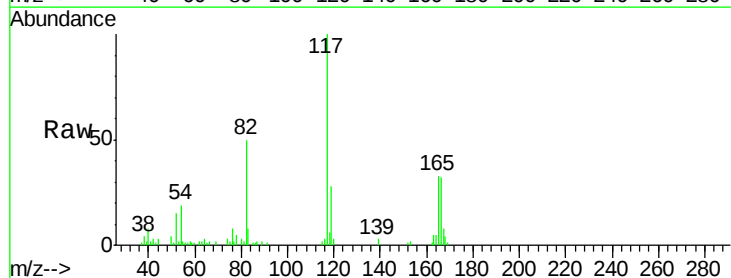
Tgt Ion: 117 Resp: 11257

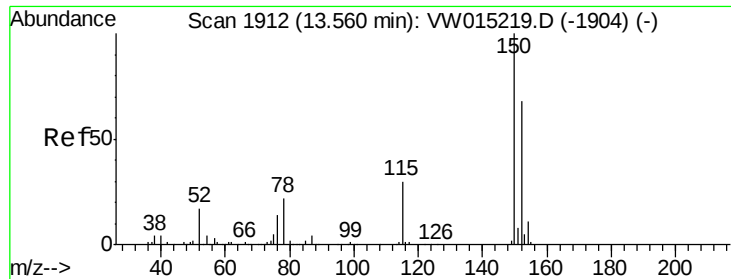
Ion Ratio Lower Upper

117 100

82 46.9 44.1 66.1

119 27.9 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: VW015265.D
 Acq: 21 Apr 2020 16:22

Instrument :
 MSVOA_W
 ClientSampleId :
 PA-1RE

Tot Ion:152 Resp: 2031
 Ion Ratio Lower Upper
 152 100
 115 47.0 31.3 93.9
 150 157.1 0.0 343.4

