

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042020\
 Data File : VW015236.D
 Acq On : 20 Apr 2020 20:57
 Operator : SY/VA
 Sample : L2346-06
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S-4A

Quant Time: Apr 21 07:47:11 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	19117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	26441	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	19483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	4362	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	7768	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
35) Dibromofluoromethane	7.89	113	7838	53.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.04%	
50) Toluene-d8	10.32	98	28956	47.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.00%	
62) 4-Bromofluorobenzene	12.62	95	6816	28.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	57.98%	

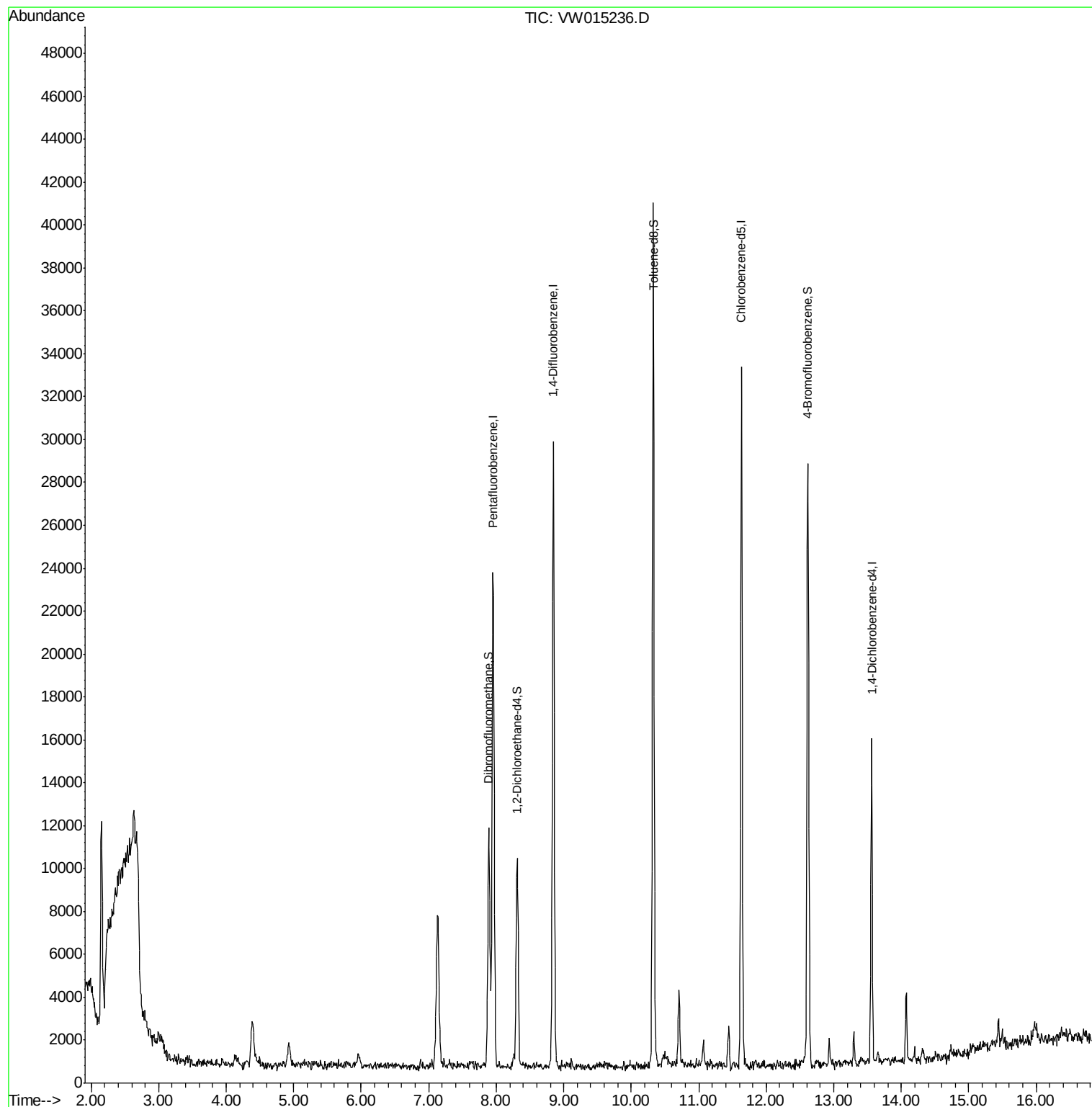
Target Compounds	Qvalue
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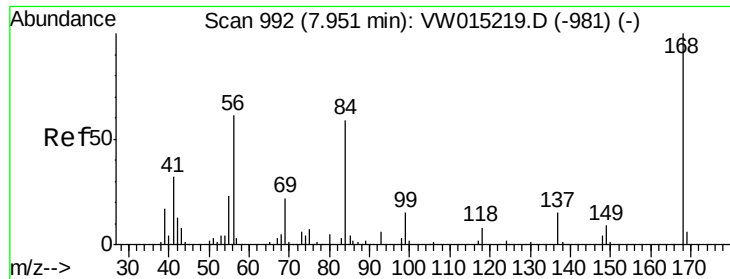
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW015236.D

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ClientSampleId :

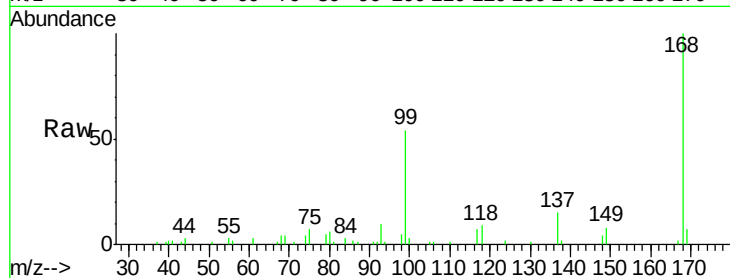
S-4A

Tot Ion:168 Resp: 19117

Ion Ratio Lower Upper

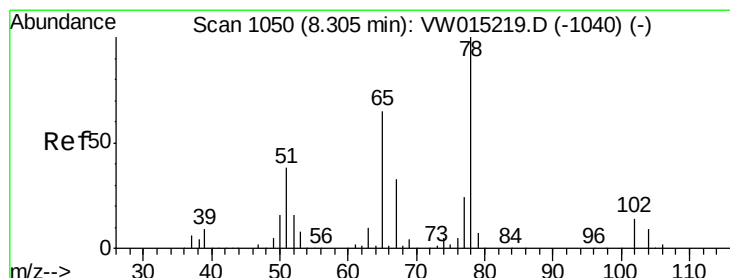
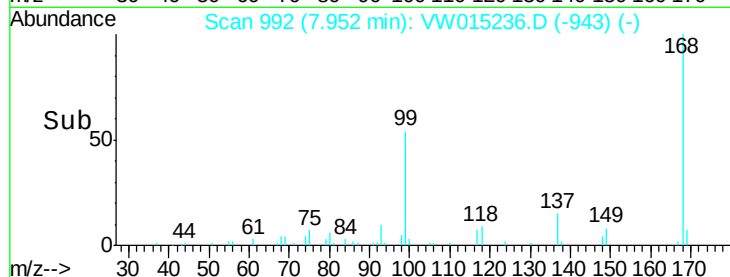
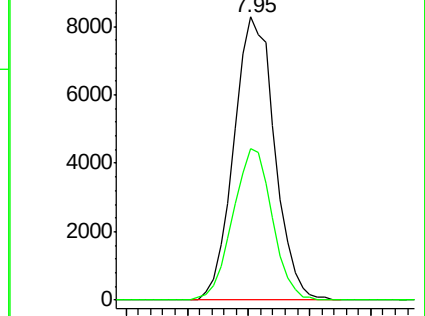
168 100

99 53.6 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 49.690 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VW015236.D

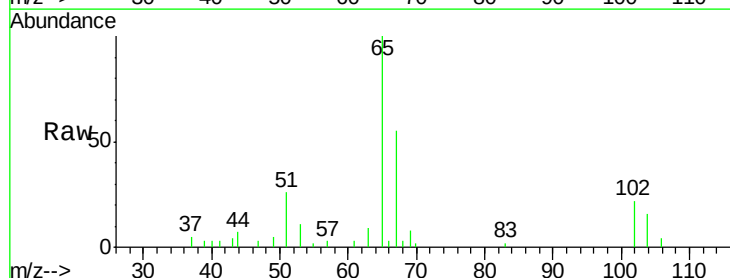
Acq: 20 Apr 2020 20:57

Tgt Ion: 65 Resp: 7768

Ion Ratio Lower Upper

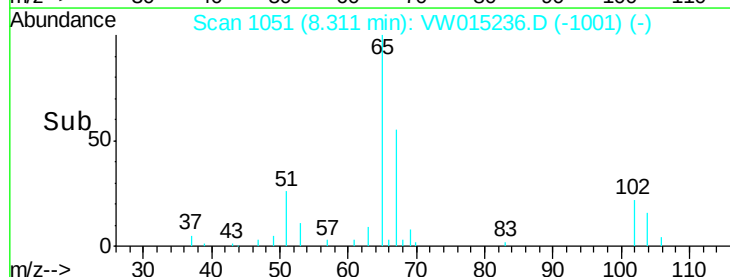
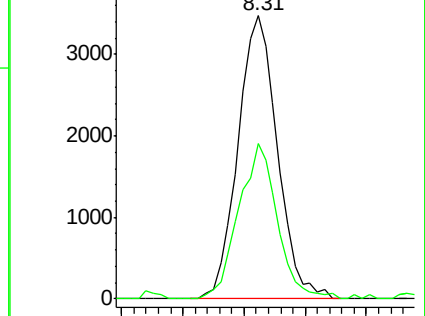
65 100

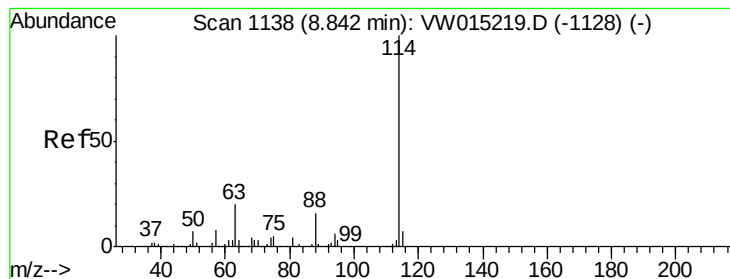
67 54.1 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW015236.D

Acq: 20 Apr 2020 20:57

Instrument :

MSVOA_W

ClientSampleId :

S-4A

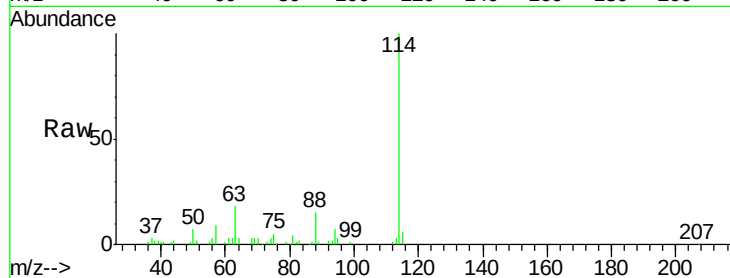
Tot Ion:114 Resp: 26441

Ion Ratio Lower Upper

114 100

63 17.8 0.0 39.8

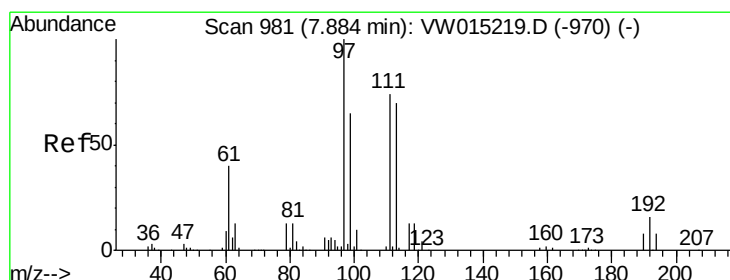
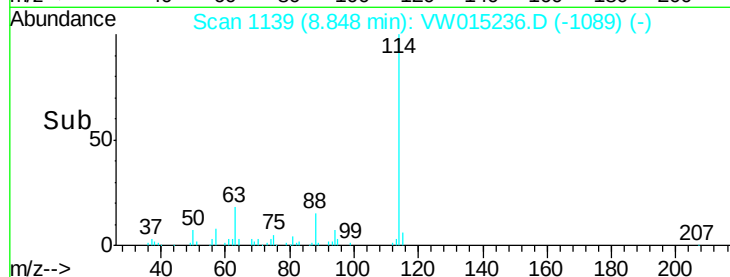
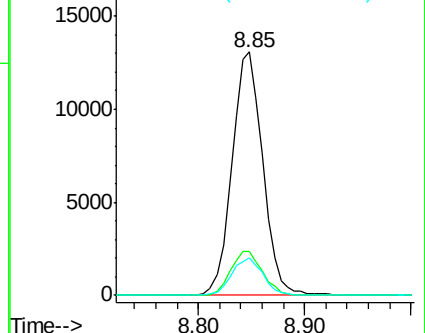
88 15.5 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 53.516 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW015236.D

Acq: 20 Apr 2020 20:57

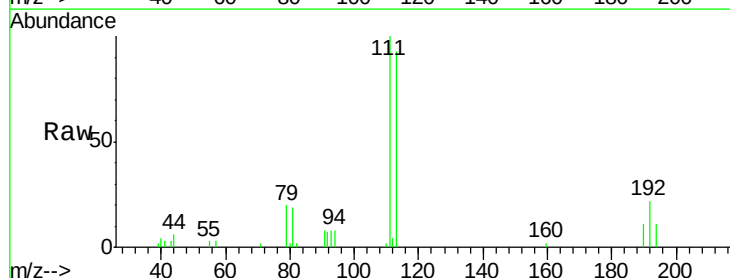
Tgt Ion:113 Resp: 7838

Ion Ratio Lower Upper

113 100

111 103.6 83.0 124.4

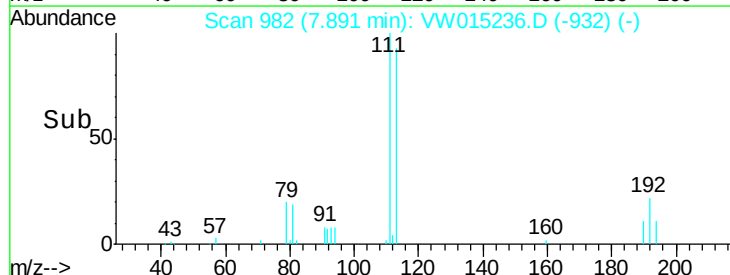
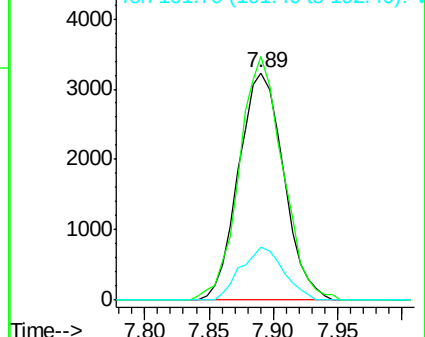
192 22.1 15.1 22.7

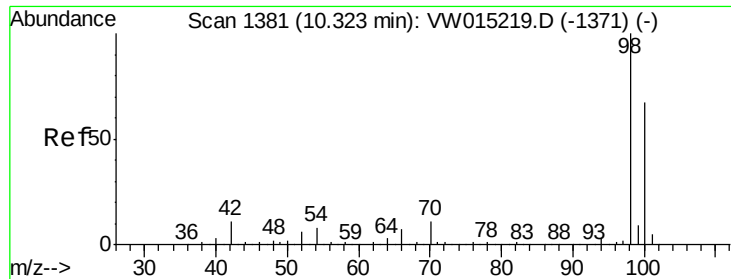


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

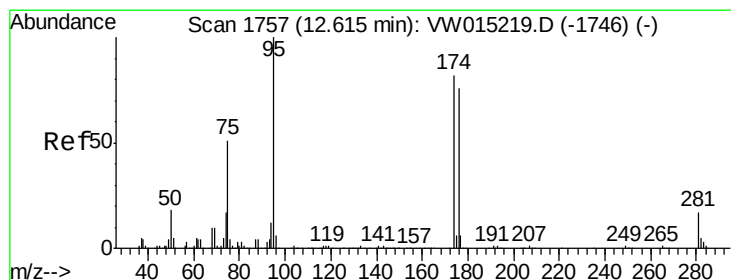
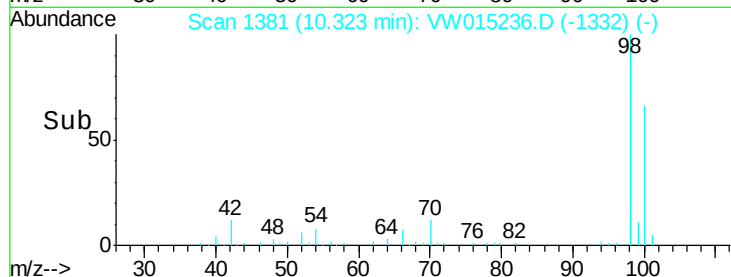
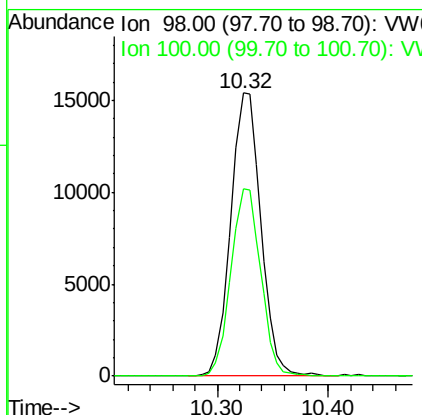
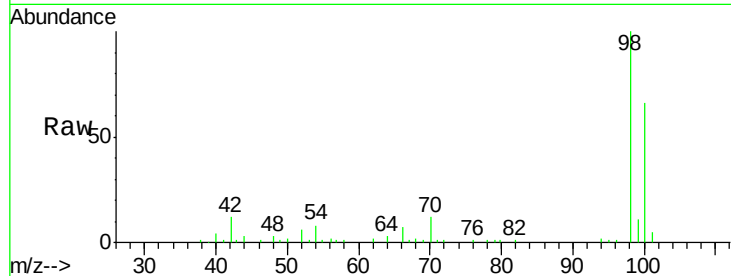




#50
Toluene-d8
Concen: 46.997 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015236.D
Acq: 20 Apr 2020 20:57

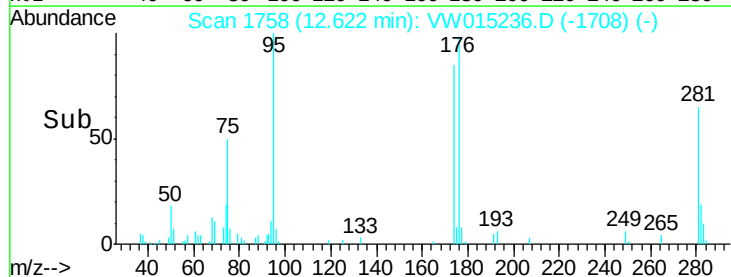
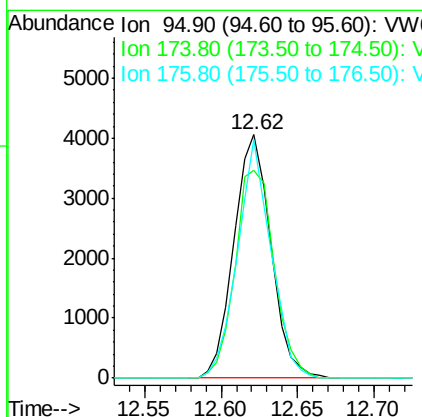
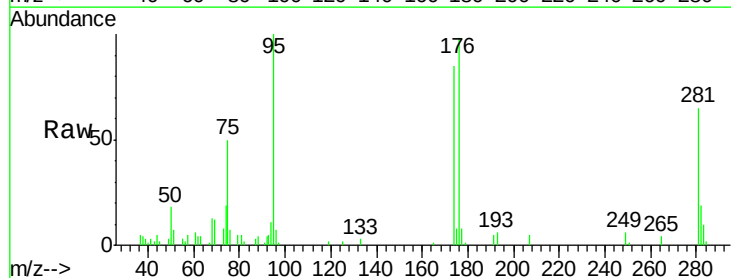
Instrument :
MSVOA_W
ClientSampleId :
S-4A

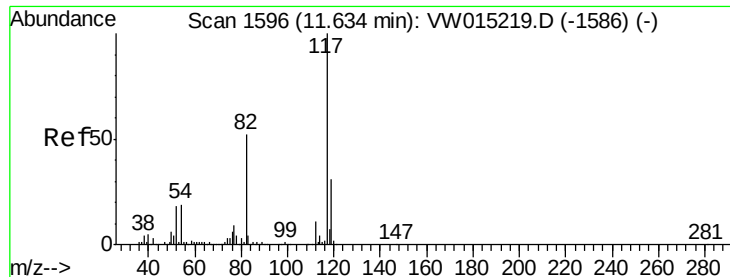
Tot Ion: 98 Resp: 28956
Ion Ratio Lower Upper
98 100
100 65.4 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 28.995 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW015236.D
Acq: 20 Apr 2020 20:57

Tgt Ion: 95 Resp: 6816
Ion Ratio Lower Upper
95 100
174 90.8 0.0 144.4
176 88.8 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: VW015236.D

Acq: 20 Apr 2020 20:57

Instrument :

MSVOA_W

ClientSampleId :

S-4A

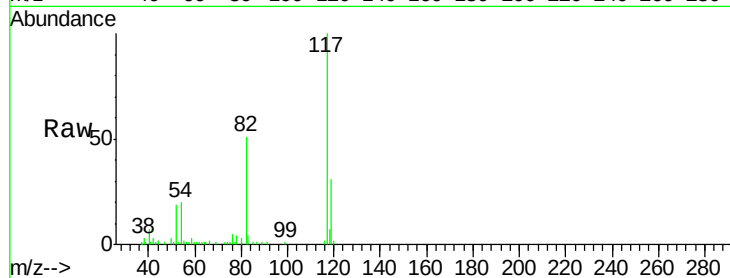
Tot Ion:117 Resp: 19483

Ion Ratio Lower Upper

117 100

82 50.5 44.1 66.1

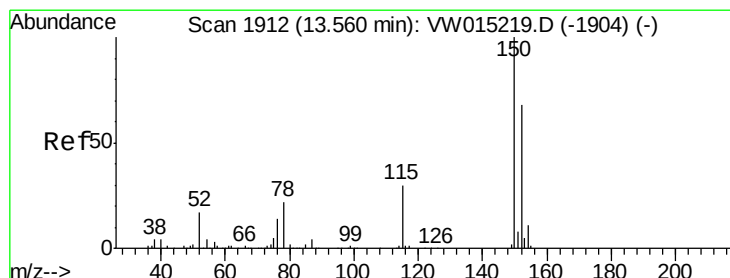
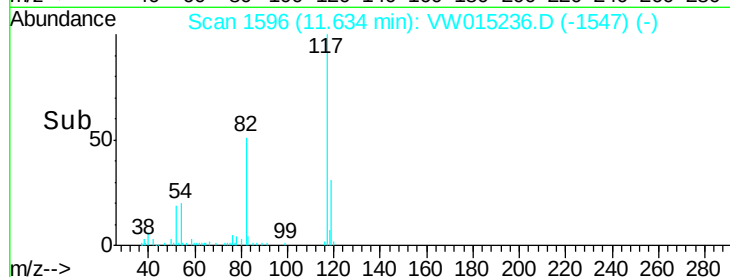
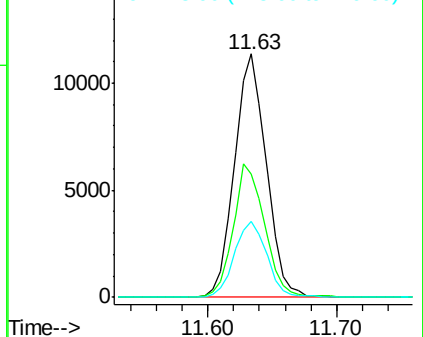
119 31.3 24.9 37.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015236.D

Acq: 20 Apr 2020 20:57

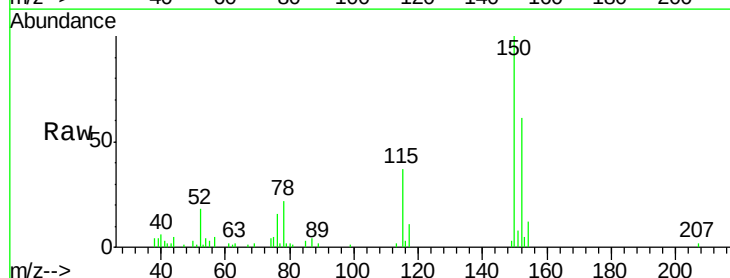
Tgt Ion:152 Resp: 4362

Ion Ratio Lower Upper

152 100

115 57.6 31.3 93.9

150 157.3 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

