

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042020\
 Data File : VW015234.D
 Acq On : 20 Apr 2020 20:06
 Operator : SY/VA
 Sample : L2346-02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S-2A

Quant Time: Apr 21 07:40:17 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

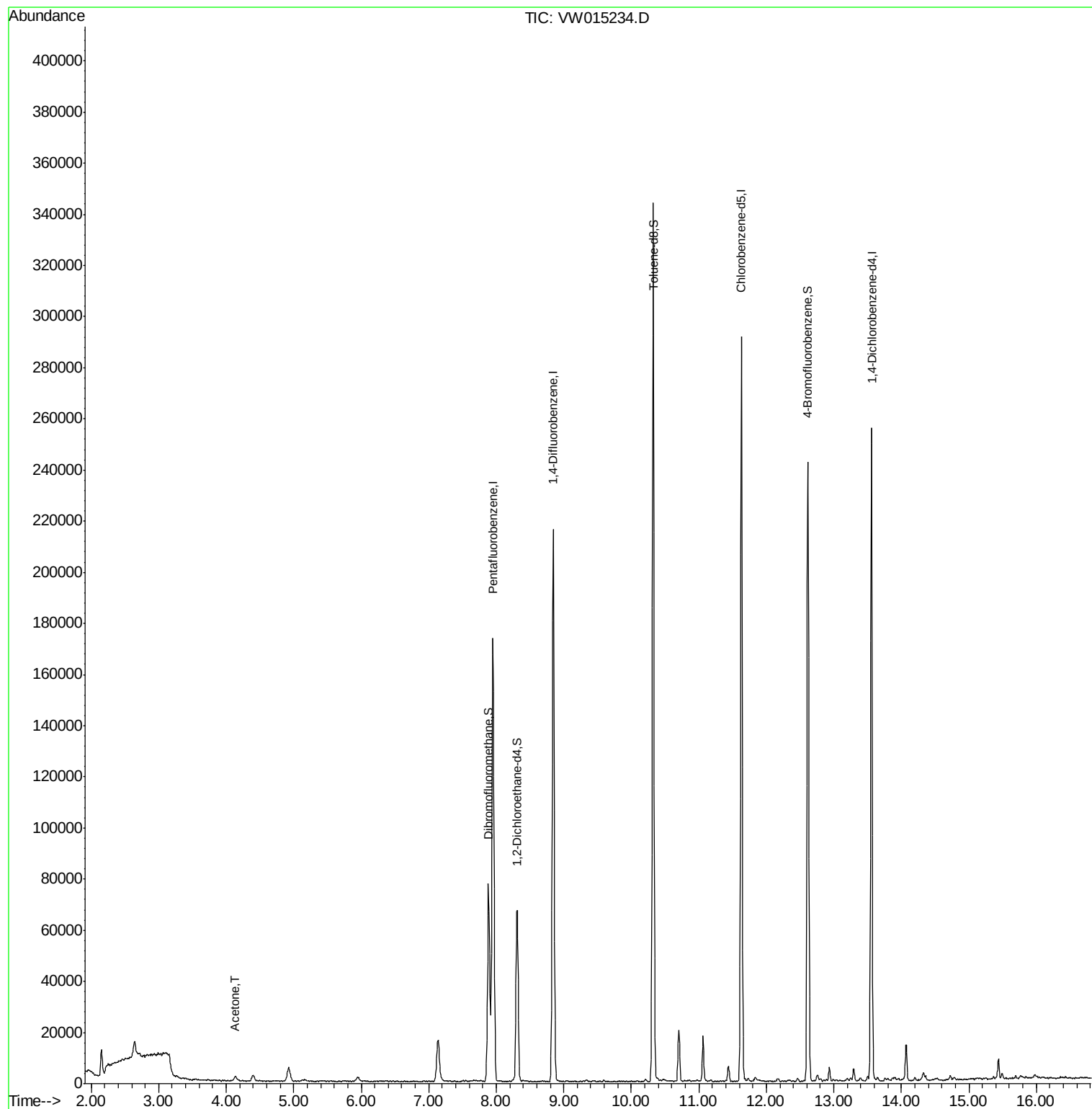
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	139456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	196685	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	172405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	70643	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	54579	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.72%	
35) Dibromofluoromethane	7.89	113	54565	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
50) Toluene-d8	10.32	98	234142	51.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.18%	
62) 4-Bromofluorobenzene	12.62	95	74700	42.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.44%	
Target Compounds						
16) Acetone	4.13	43	3760	18.877	ug/l	Qvalue 98

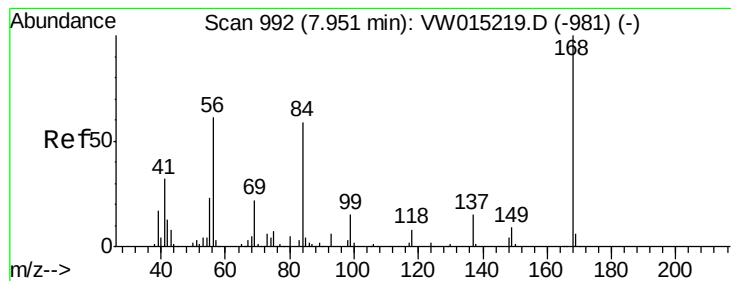
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042020\
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Quant Title : SW846 8260
QLast Update : Tue Apr 21 06:39:58 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015234.D

Acq: 20 Apr 2020 20:06

Instrument :

MSVOA_W

ClientSampleId :

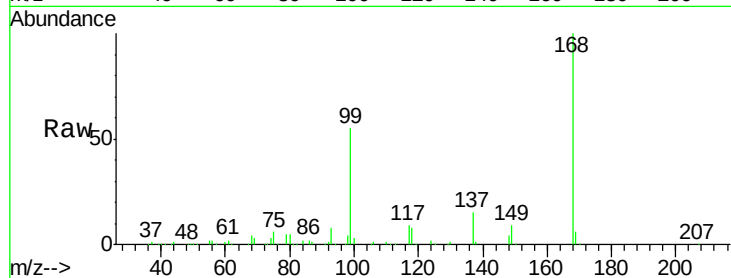
S-2A

Tot Ion:168 Resp: 139456

Ion Ratio Lower Upper

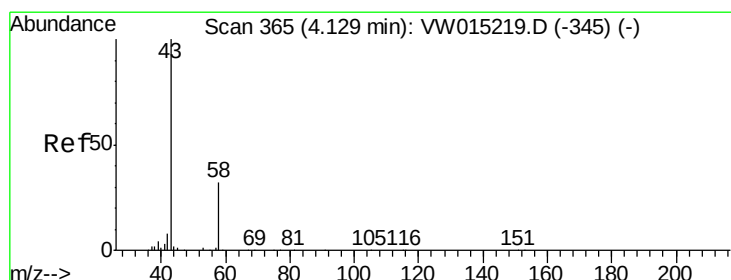
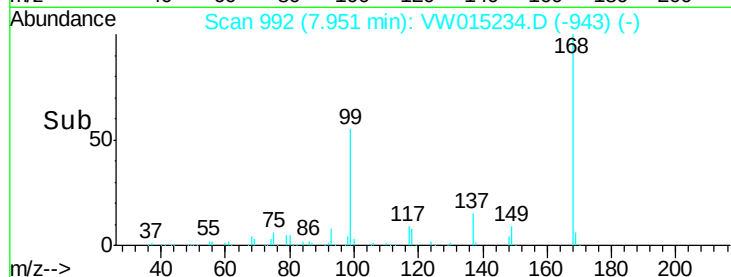
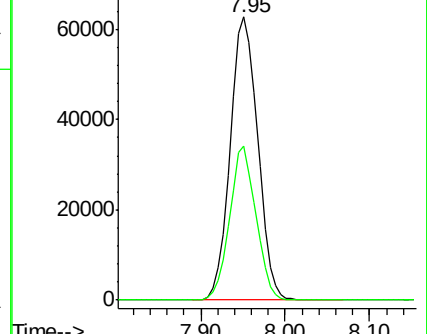
168 100

99 54.6 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: 18.877 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW015234.D

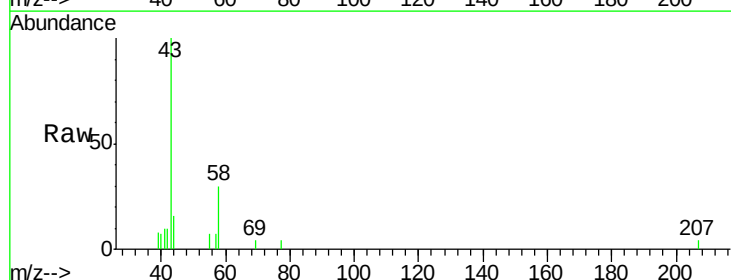
Acq: 20 Apr 2020 20:06

Tgt Ion: 43 Resp: 3760

Ion Ratio Lower Upper

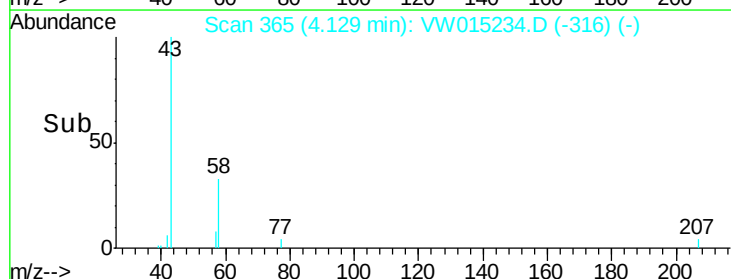
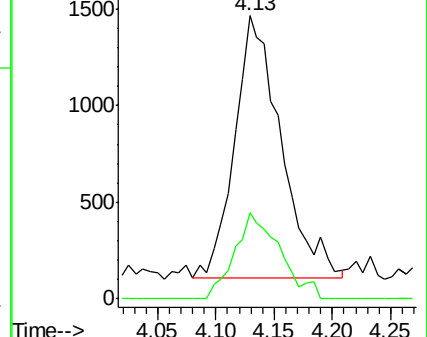
43 100

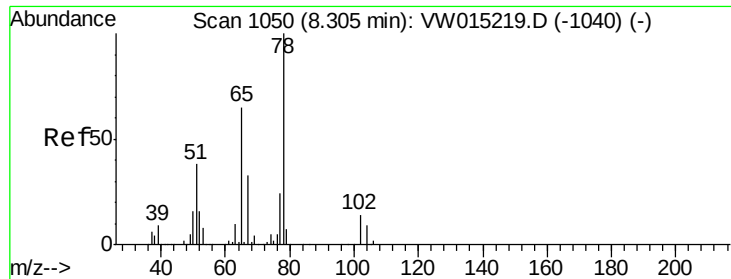
58 32.7 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

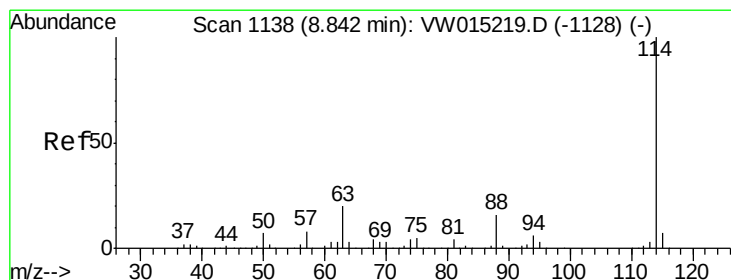
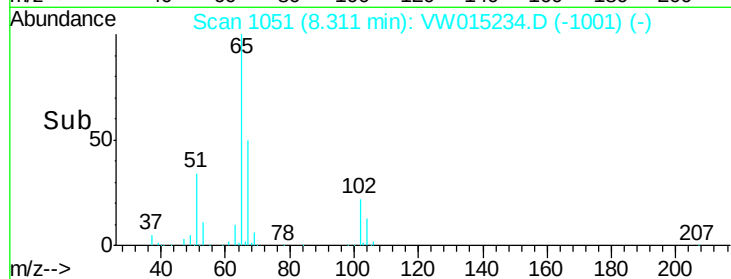
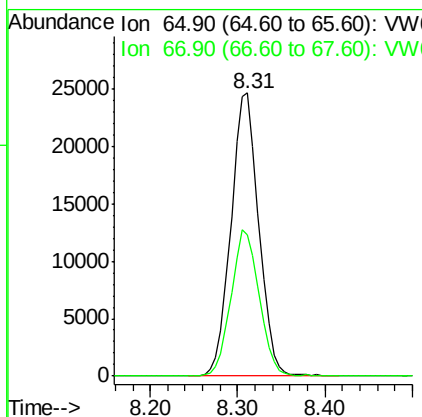
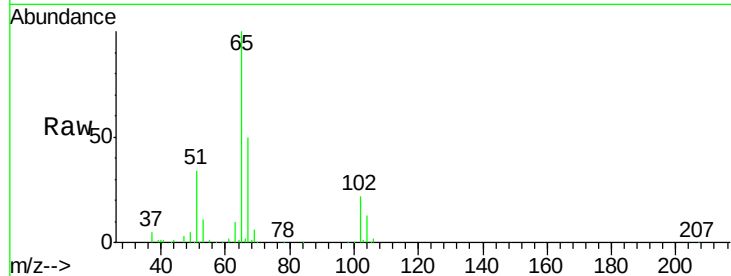




#33
 1,2-Dichloroethane-d4
 Concen: 47.860 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VW015234.D
 Acq: 20 Apr 2020 20:06

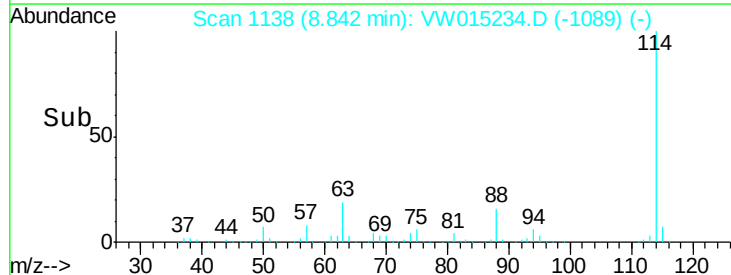
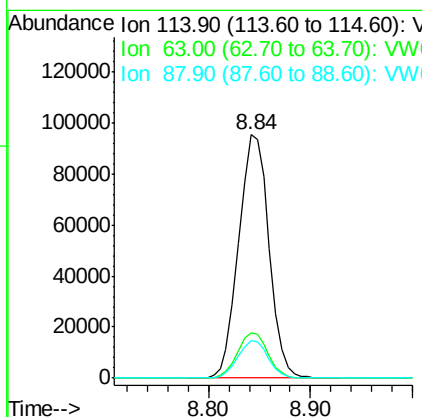
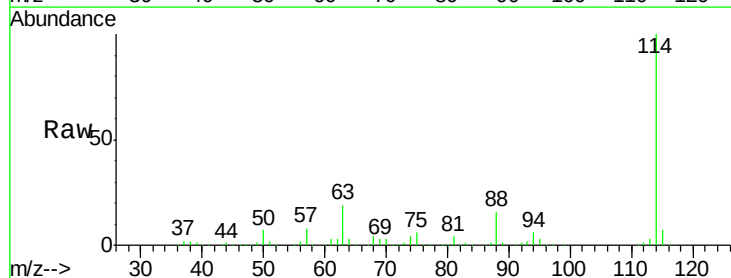
Instrument :
 MSVOA_W
 ClientSampled :
 S-2A

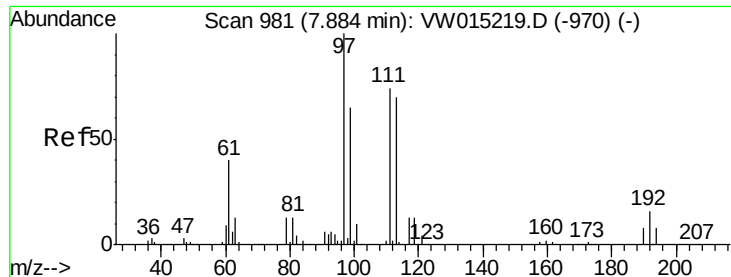
Tot Ion: 65 Resp: 54579
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015234.D
 Acq: 20 Apr 2020 20:06

Tgt Ion: 114 Resp: 196685
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.8
 88 15.6 0.0 30.2





#35

Dibromofluoromethane

Concen: 50.084 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW015234.D

Acq: 20 Apr 2020 20:06

Instrument :

MSVOA_W

ClientSampleId :

S-2A

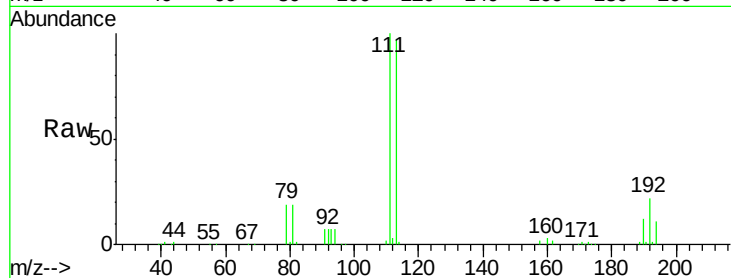
Tot Ion:113 Resp: 54565

Ion Ratio Lower Upper

113 100

111 103.1 83.0 124.4

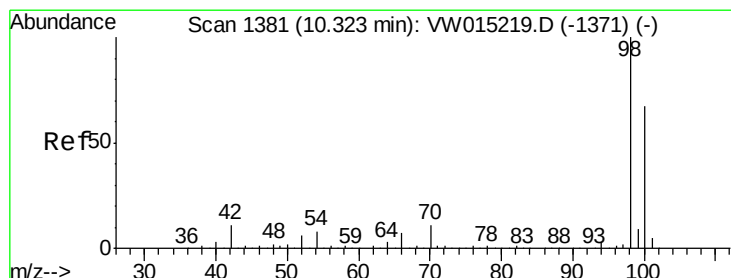
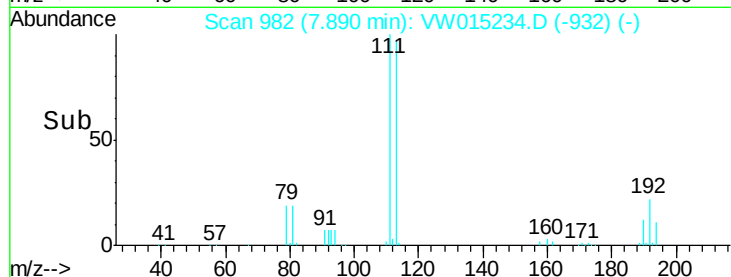
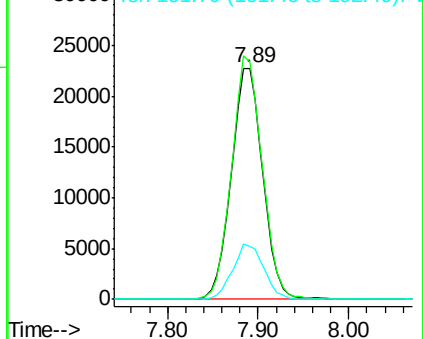
192 23.5 15.1 22.7#



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: 51.088 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015234.D

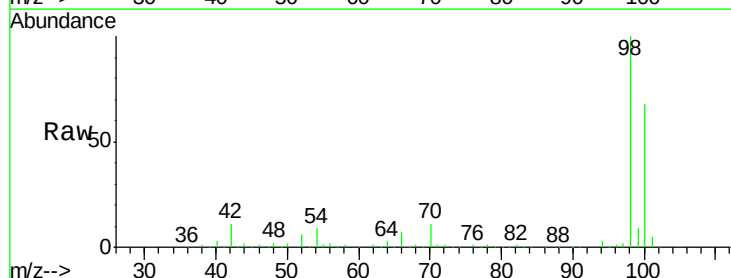
Acq: 20 Apr 2020 20:06

Tgt Ion: 98 Resp: 234142

Ion Ratio Lower Upper

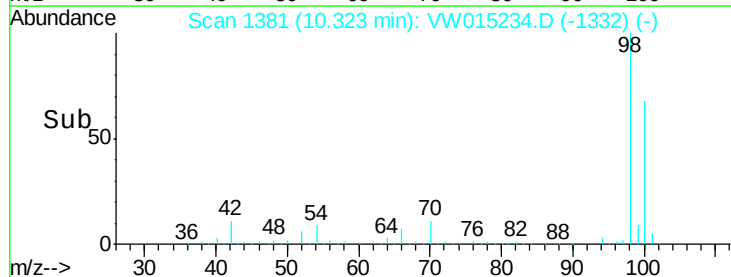
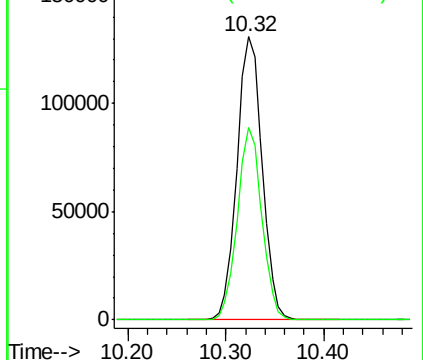
98 100

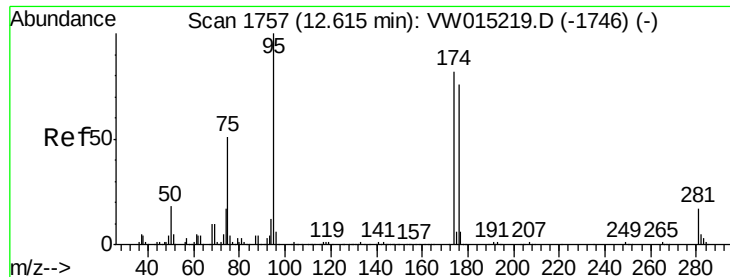
100 65.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 42.718 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW015234.D

Acq: 20 Apr 2020 20:06

Instrument :

MSVOA_W

ClientSampleId :

S-2A

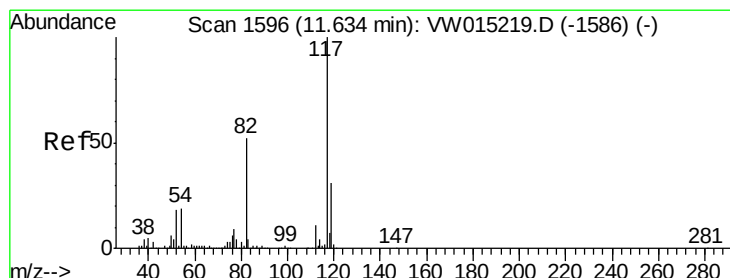
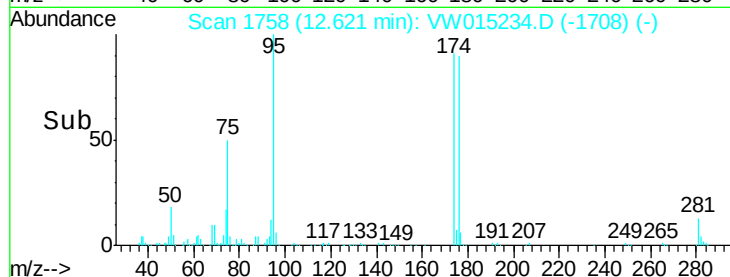
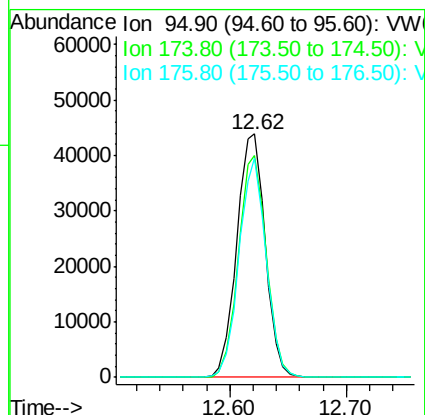
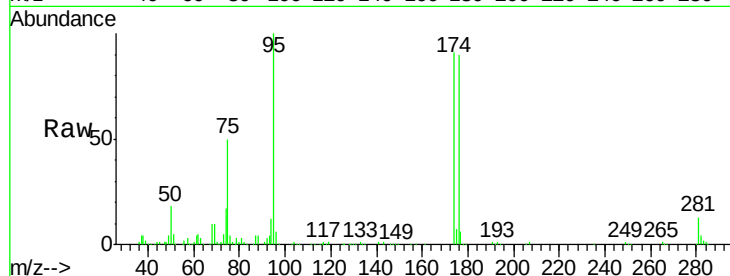
Tot Ion: 95 Resp: 74700

Ion Ratio Lower Upper

95 100

174 89.4 0.0 144.4

176 85.6 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: VW015234.D

Acq: 20 Apr 2020 20:06

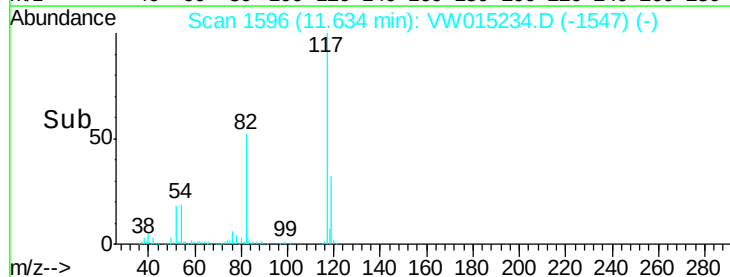
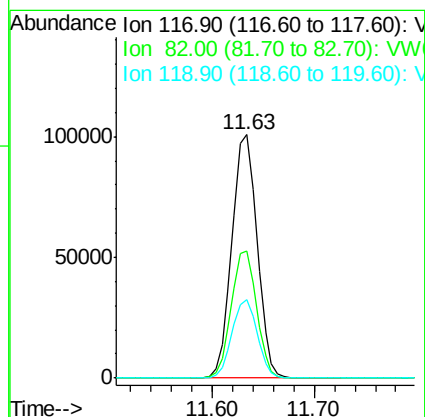
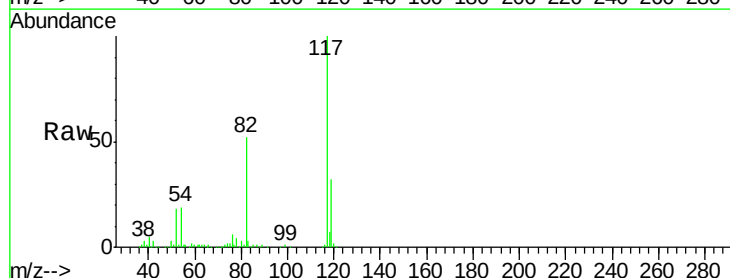
Tgt Ion: 117 Resp: 172405

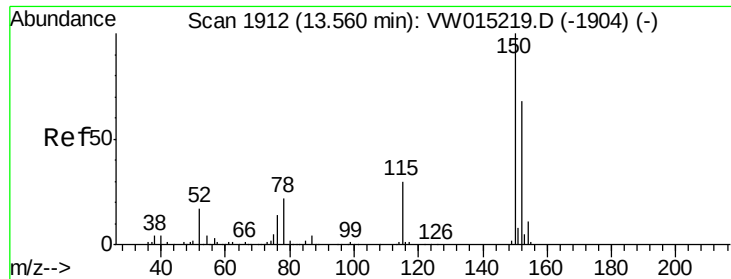
Ion Ratio Lower Upper

117 100

82 52.0 44.1 66.1

119 32.2 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: VW015234.D

Acq: 20 Apr 2020 20:06

Instrument :

MSVOA_W

ClientSampleId :

S-2A

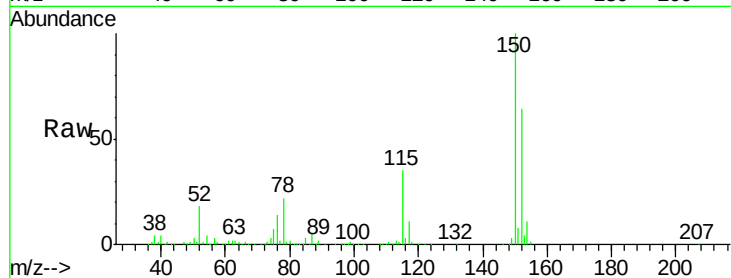
Tot Ion:152 Resp: 70643

Ion Ratio Lower Upper

152 100

115 56.5 31.3 93.9

150 156.3 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

