

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042320\
 Data File : VW015329.D
 Acq On : 23 Apr 2020 13:49
 Operator : SY/VA
 Sample : L2381-02
 Misc : 8.23G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETGI-337

Quant Time: Apr 24 09:37:29 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

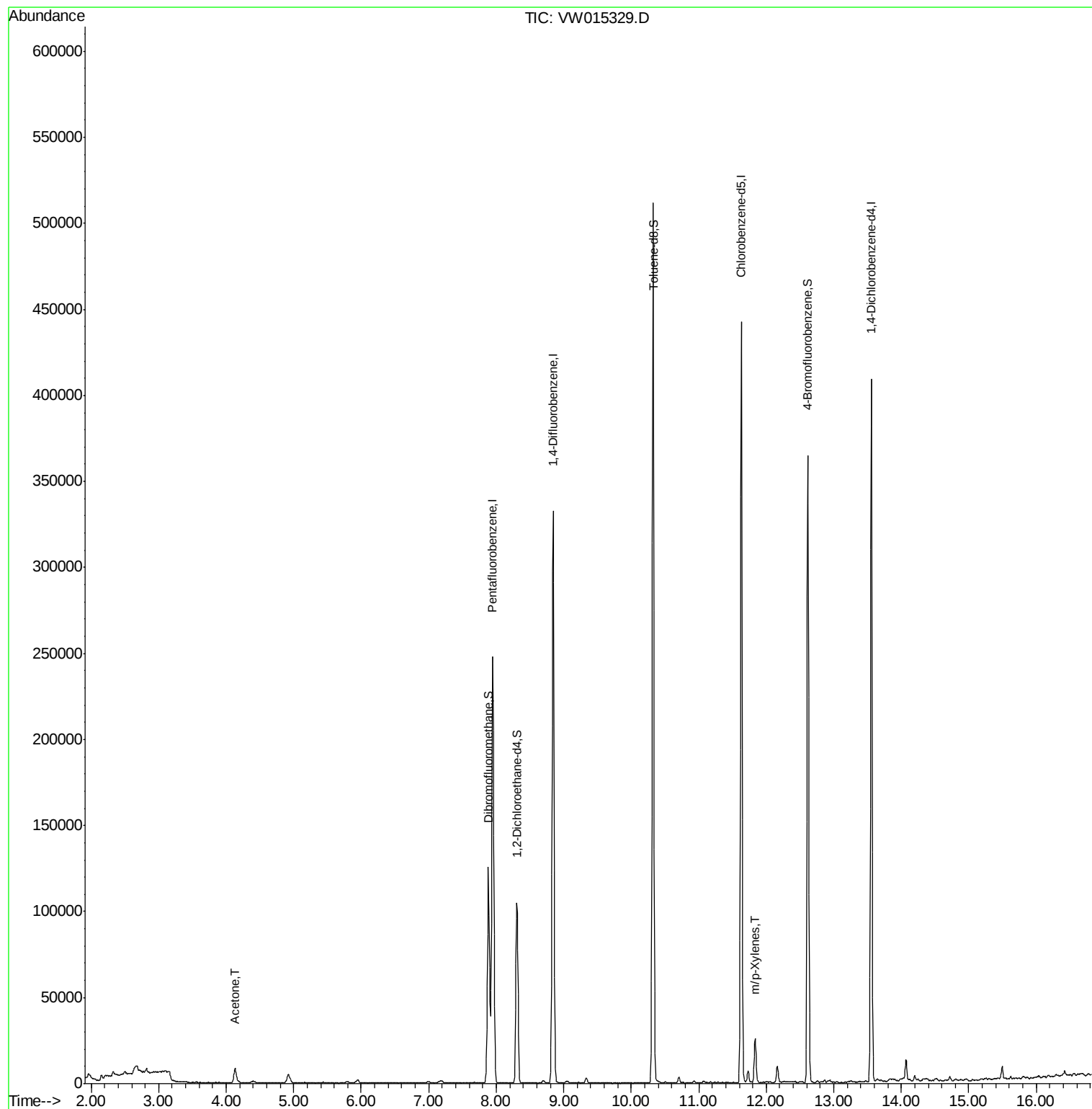
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	206597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	292370	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	262367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	113102	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	83841	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
35) Dibromofluoromethane	7.88	113	86069	53.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.30%	
50) Toluene-d8	10.32	98	344568	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
62) 4-Bromofluorobenzene	12.62	95	116081	44.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.32%	
Target Compounds						
16) Acetone	4.14	43	14562	49.349	ug/l	99
68) m/p-Xylenes	11.83	106	8211	2.182	ug/l	96

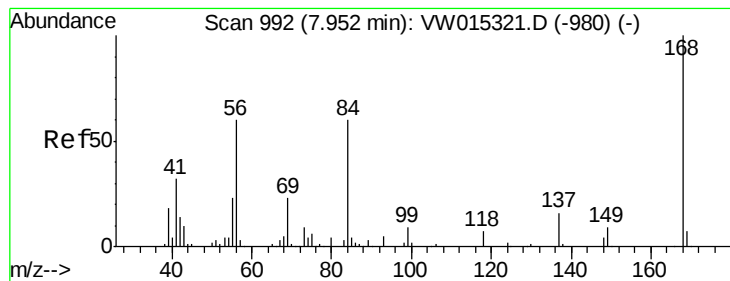
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

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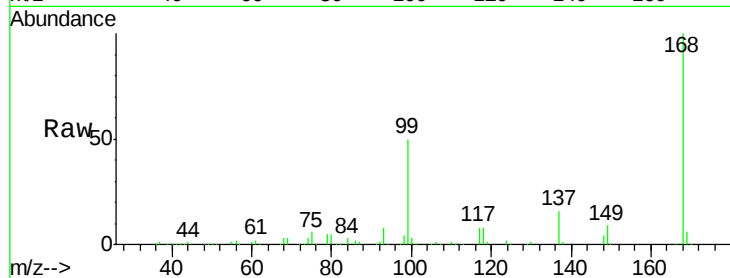
ETGI-337

Tot Ion:168 Resp: 206597

Ion Ratio Lower Upper

168 100

99 49.6 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

100000

80000

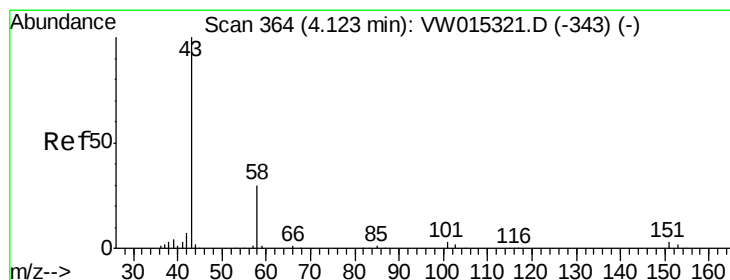
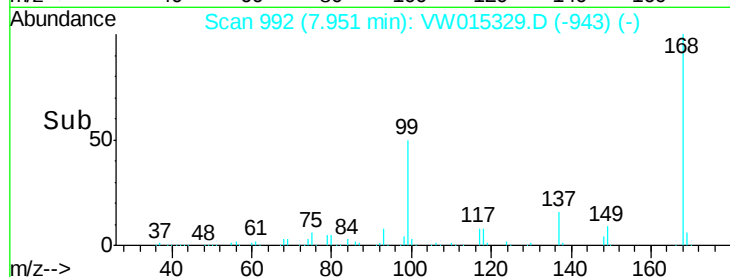
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 49.349 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015329.D

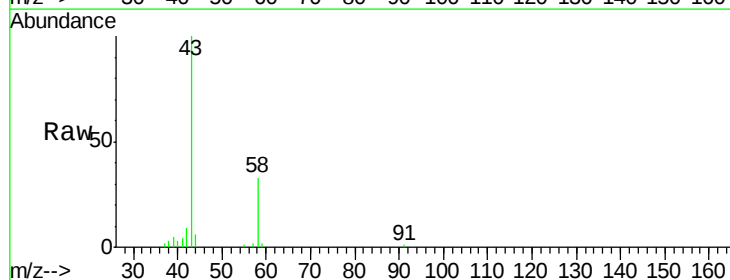
Acq: 23 Apr 2020 13:49

Tgt Ion: 43 Resp: 14562

Ion Ratio Lower Upper

43 100

58 33.4 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

6000

5000

4000

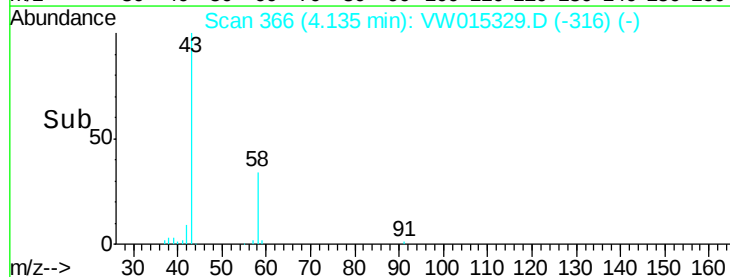
3000

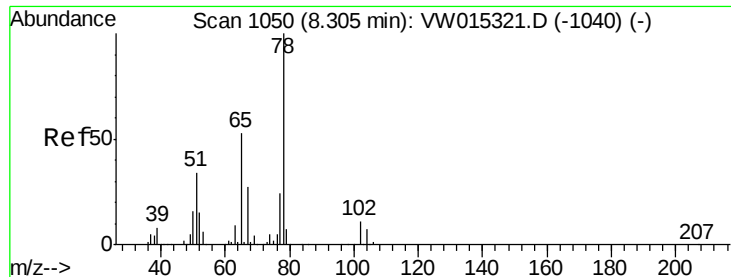
2000

1000

0

Time--> 4.00 4.10 4.20





#33

1,2-Dichloroethane-d4

Concen: 49.626 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW015329.D

Acq: 23 Apr 2020 13:49

Instrument :

MSVOA_W

ClientSampleId :

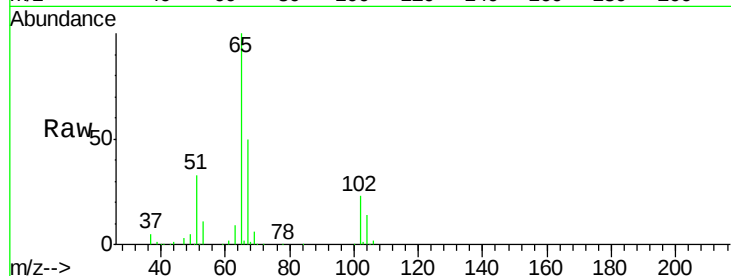
ETGI-337

Tot Ion: 65 Resp: 83841

Ion Ratio Lower Upper

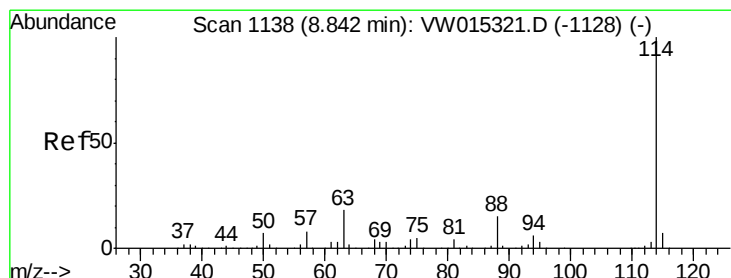
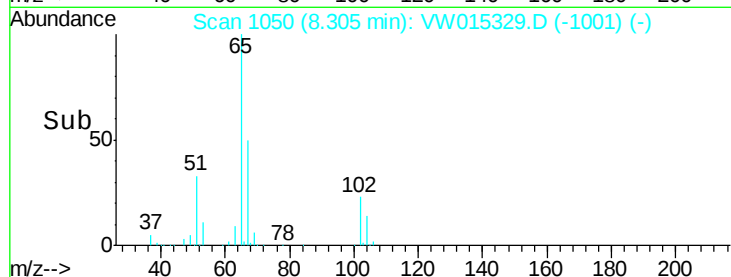
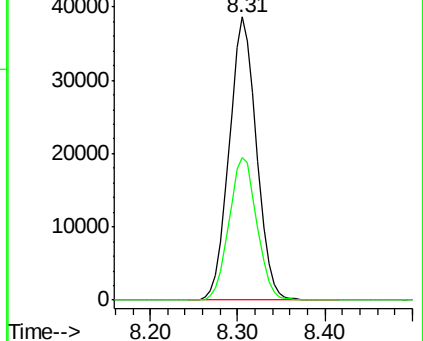
65 100

67 51.4 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: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW015329.D

Acq: 23 Apr 2020 13:49

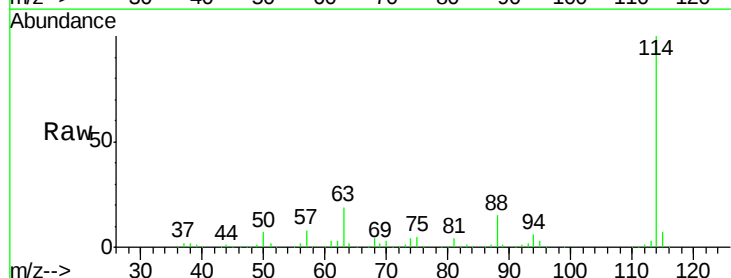
Tgt Ion: 114 Resp: 292370

Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.8

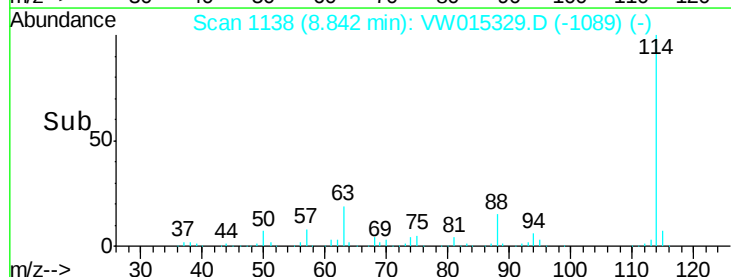
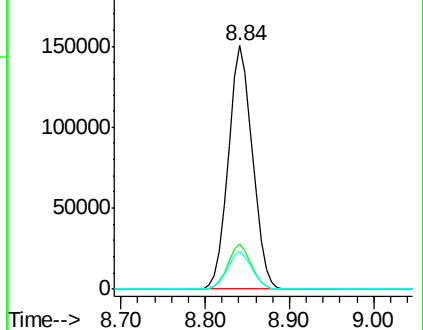
88 15.3 0.0 30.2

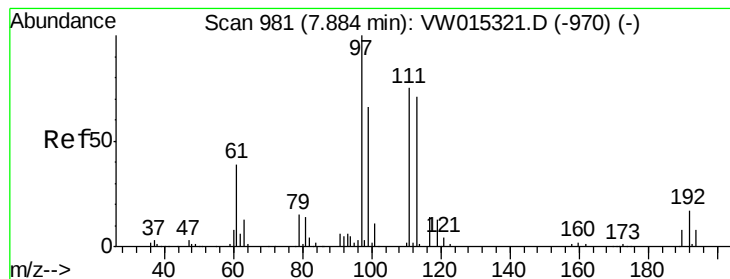


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 53.146 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015329.D

Acq: 23 Apr 2020 13:49

Instrument :

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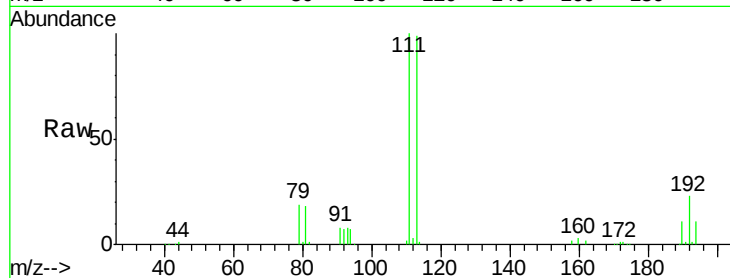
Tot Ion:113 Resp: 86069

Ion Ratio Lower Upper

113 100

111 102.6 83.0 124.4

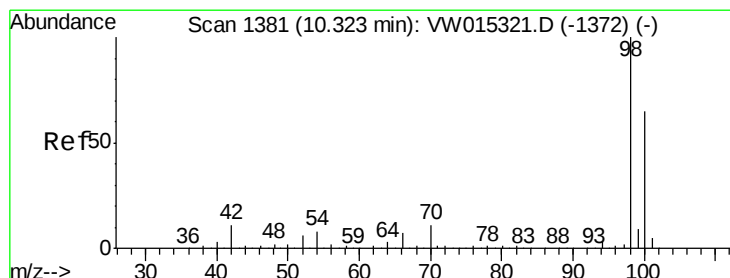
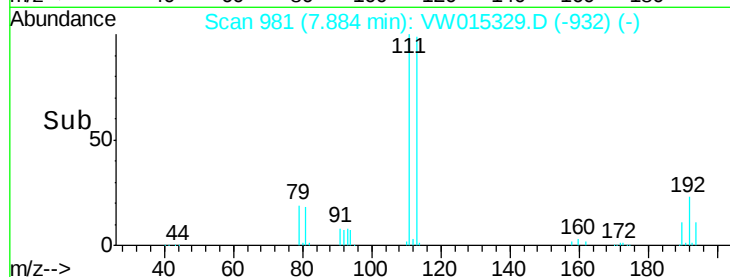
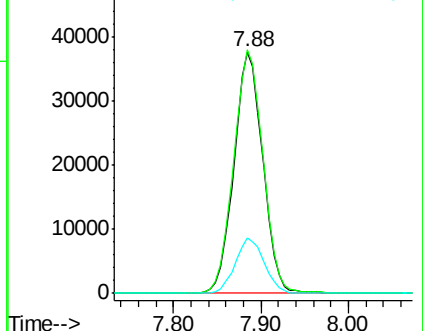
192 23.0 15.1 22.7#



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: 50.577 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015329.D

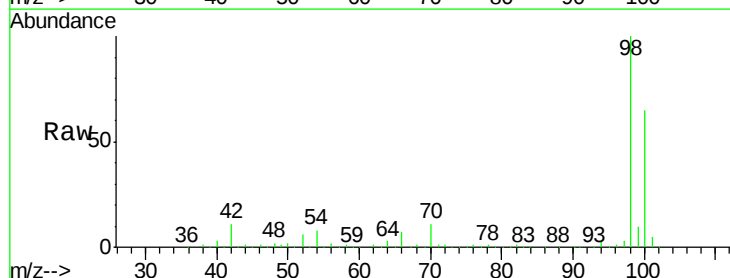
Acq: 23 Apr 2020 13:49

Tgt Ion: 98 Resp: 344568

Ion Ratio Lower Upper

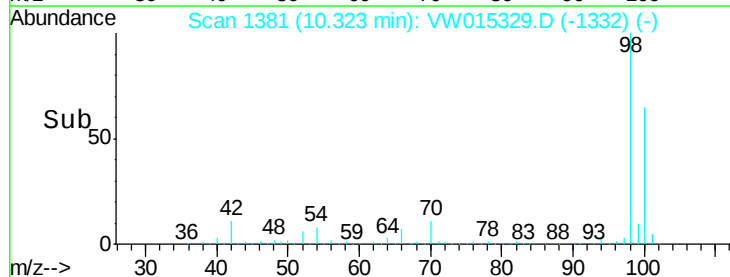
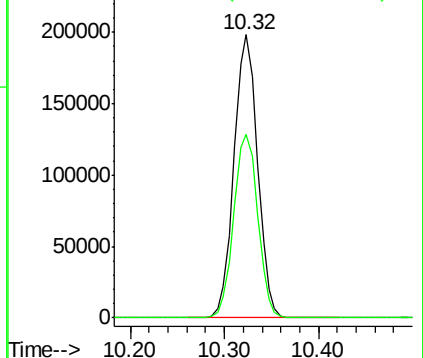
98 100

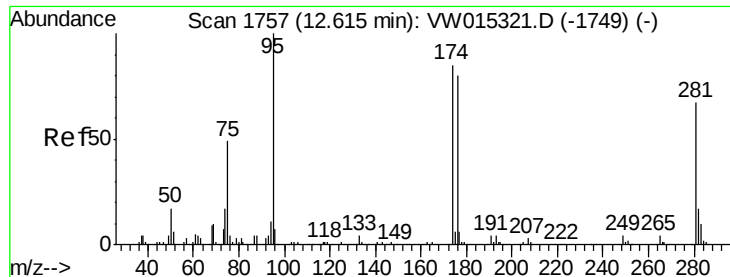
100 66.2 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 44.657 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW015329.D

Acq: 23 Apr 2020 13:49

Instrument :

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ClientSampleId :

ETGI-337

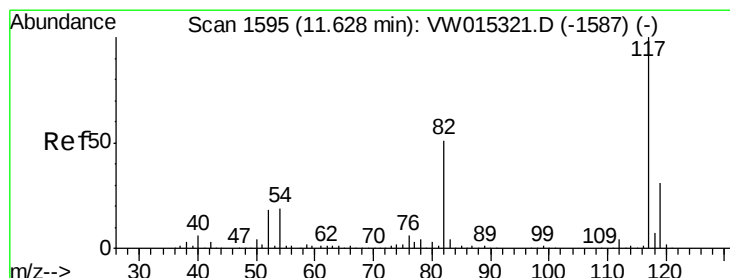
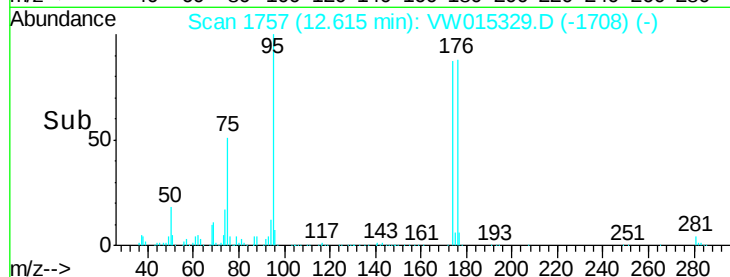
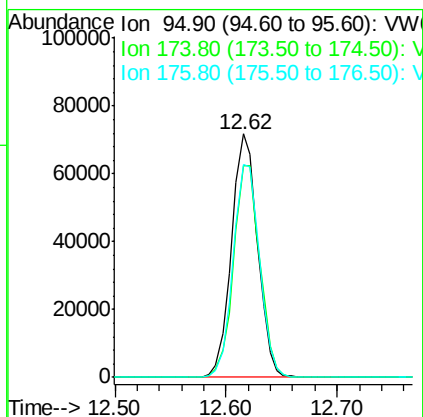
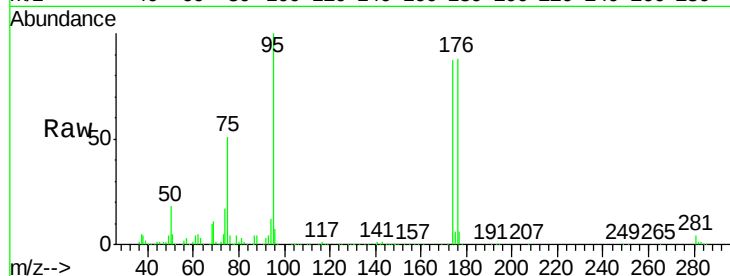
Tot Ion: 95 Resp: 116081

Ion Ratio Lower Upper

95 100

174 87.7 0.0 144.4

176 88.9 0.0 140.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW015329.D

Acq: 23 Apr 2020 13:49

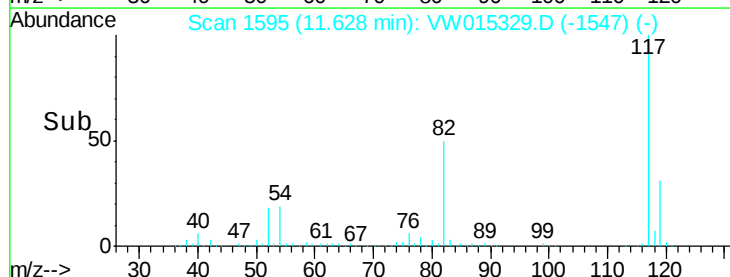
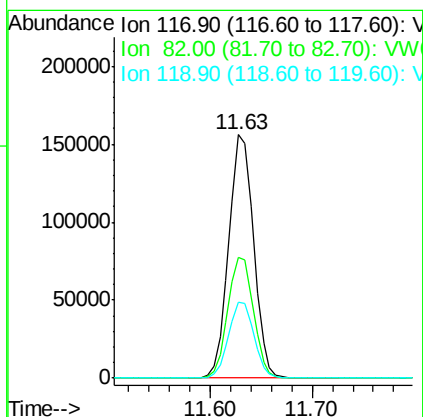
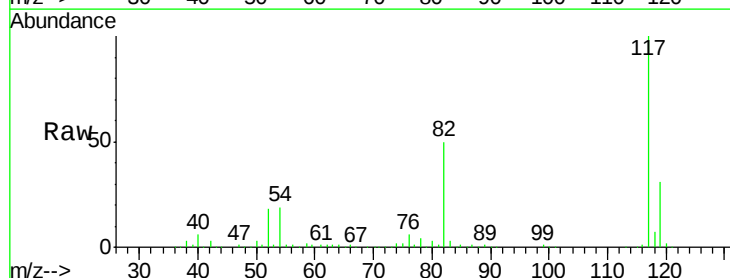
Tgt Ion: 117 Resp: 262367

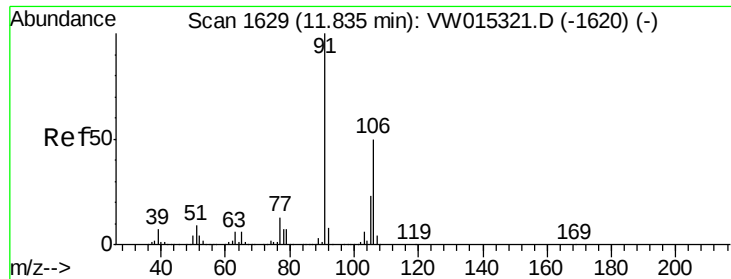
Ion Ratio Lower Upper

117 100

82 49.8 44.1 66.1

119 31.0 24.9 37.3





#68

m/p-Xvlenes

Concen: 2.182 ug/l

RT: 11.83 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW015329.D

Acq: 23 Apr 2020 13:49

Instrument :

MSVOA_W

ClientSampleId :

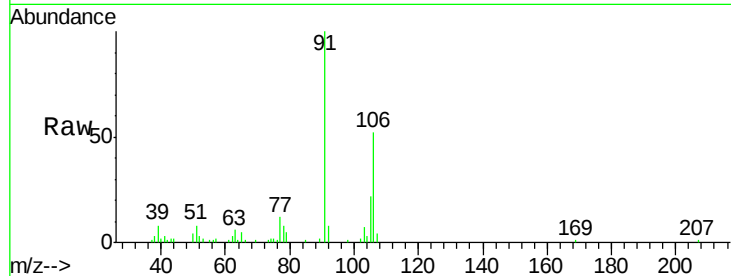
ETGI-337

Tot Ion:106 Resp: 8211

Ion Ratio Lower Upper

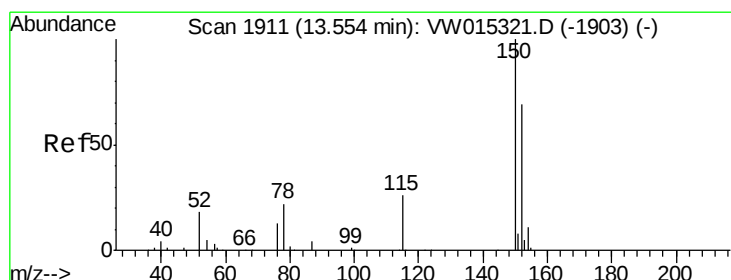
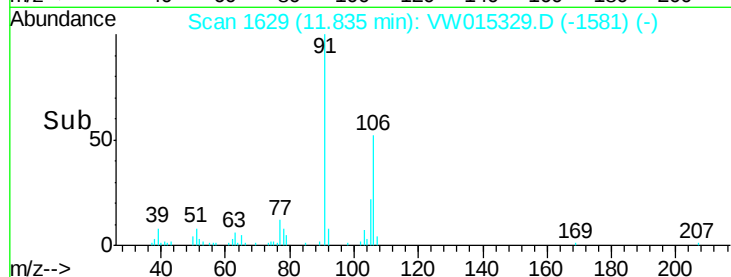
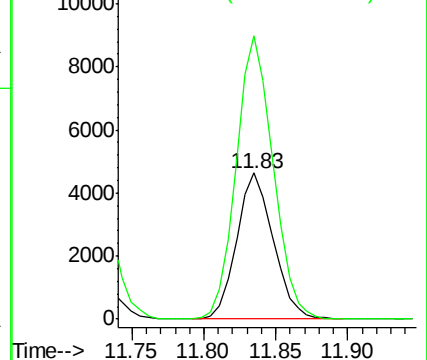
106 100

91 194.4 160.0 240.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW015329.D

Acq: 23 Apr 2020 13:49

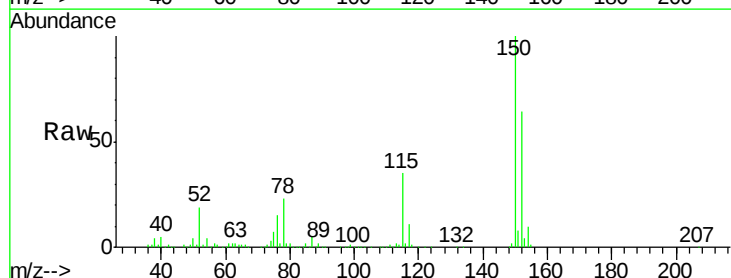
Tgt Ion:152 Resp: 113102

Ion Ratio Lower Upper

152 100

115 55.8 31.3 93.9

150 160.4 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

