

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052019\
 Data File : VW010467.D
 Acq On : 21 May 2019 00:34
 Operator : SY/VA
 Sample : K2943-06
 Misc : 5.71G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GIS-5-4FT

Quant Time: May 21 07:20:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

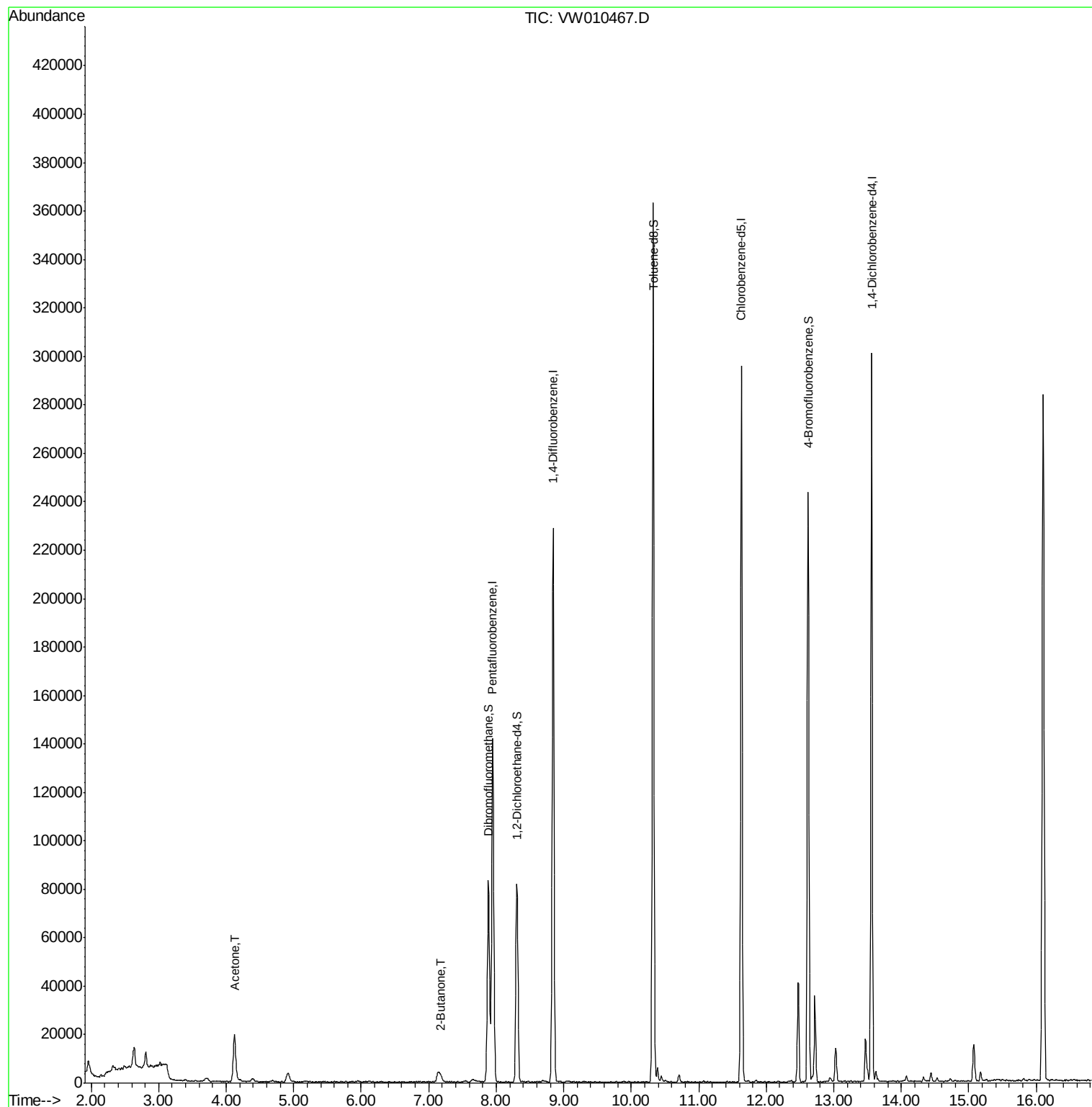
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	104503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	198130	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	175455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	76783	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	65827	61.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.06%	
35) Dibromofluoromethane	7.88	113	60417	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.50%	
50) Toluene-d8	10.32	98	245193	53.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.78%	
62) 4-Bromofluorobenzene	12.62	95	90874	49.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.36%	
Target Compounds						
16) Acetone	4.12	43	34285	155.716	ug/l	99
25) 2-Butanone	7.18	43	4945	15.694	ug/l	99

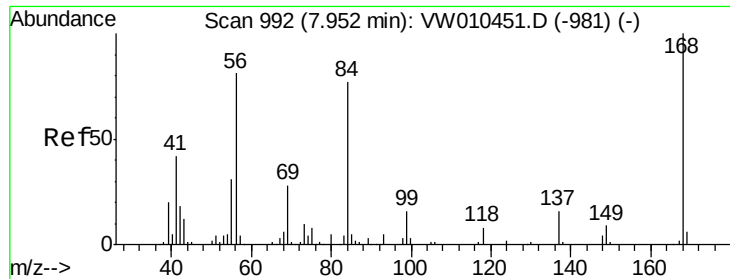
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
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: VW010467.D

Acq: 21 May 2019 00:34

Instrument :

MSVOA_W

ClientSampled :

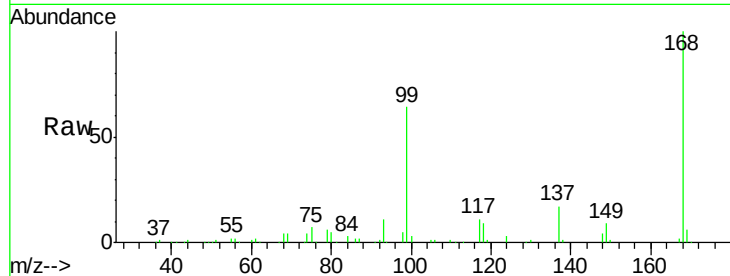
GIS-5-4FT

Tot Ion:168 Resp: 104503

Ion Ratio Lower Upper

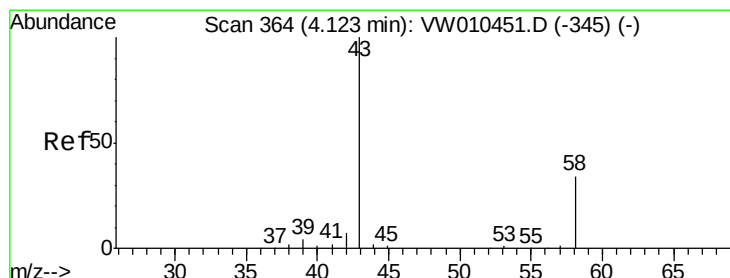
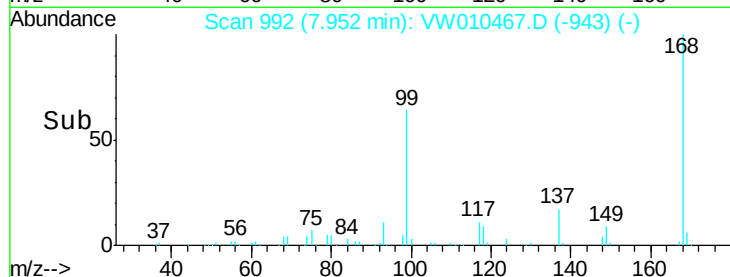
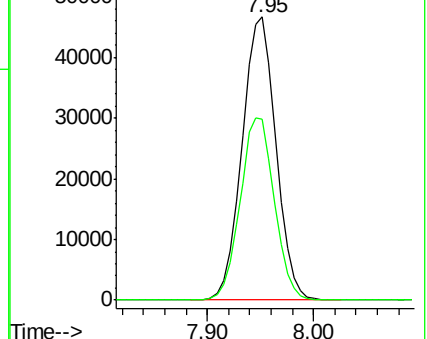
168 100

99 63.9 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 155.716 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010467.D

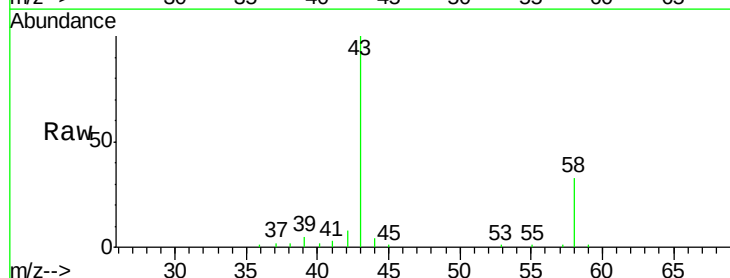
Acq: 21 May 2019 00:34

Tgt Ion: 43 Resp: 34285

Ion Ratio Lower Upper

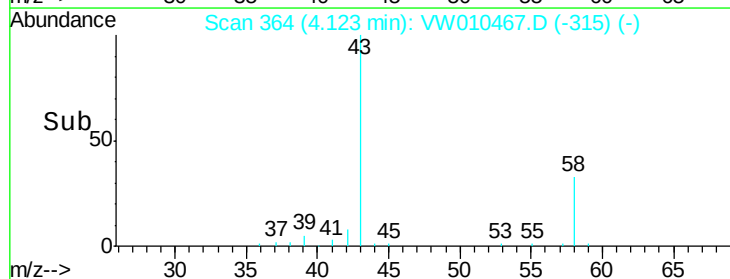
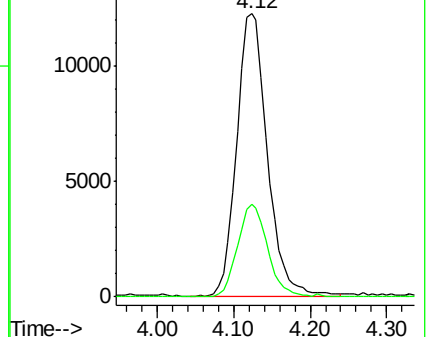
43 100

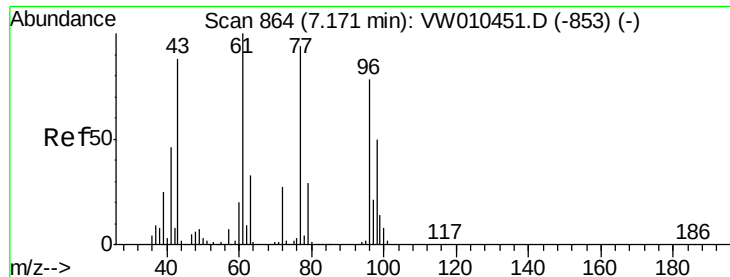
58 32.9 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#25

2-Butanone

Concen: 15.694 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW010467.D

Acq: 21 May 2019 00:34

Instrument :

MSVOA_W

ClientSampled :

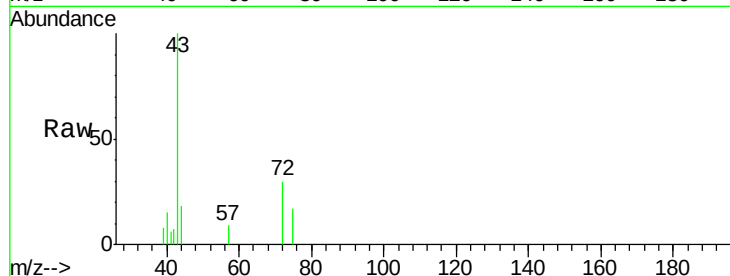
GIS-5-4FT

Tot Ion: 43 Resp: 4945

Ion Ratio Lower Upper

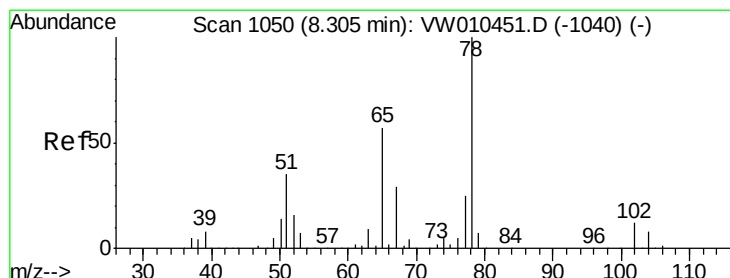
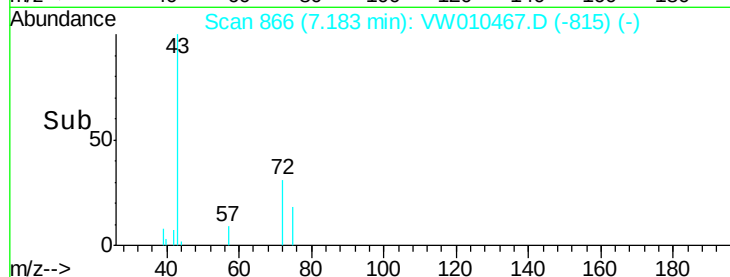
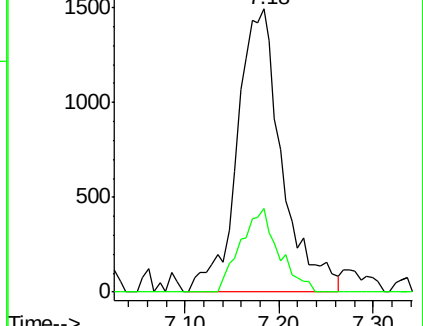
43 100

72 29.7 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#33

1,2-Dichloroethane-d4

Concen: 61.027 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010467.D

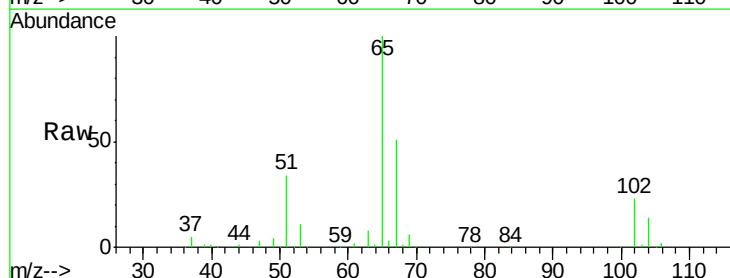
Acq: 21 May 2019 00:34

Tgt Ion: 65 Resp: 65827

Ion Ratio Lower Upper

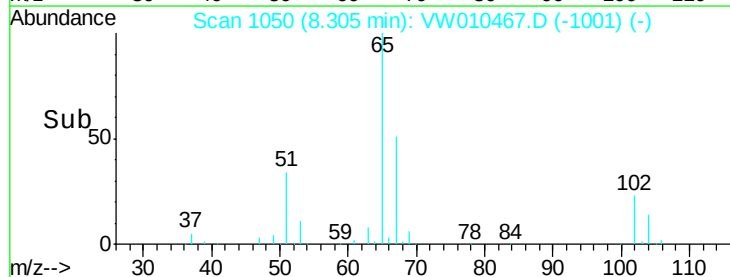
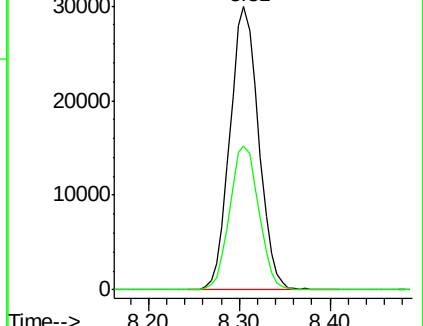
65 100

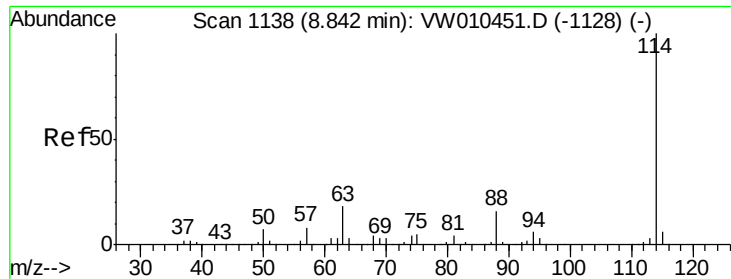
67 51.6 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

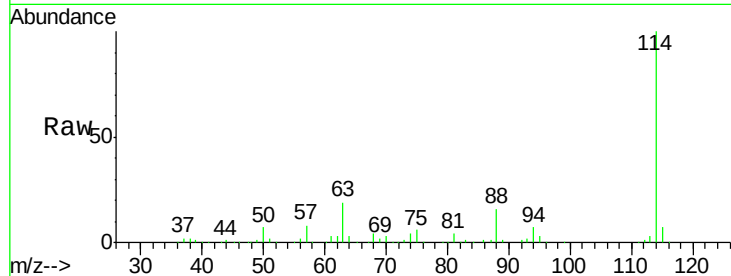




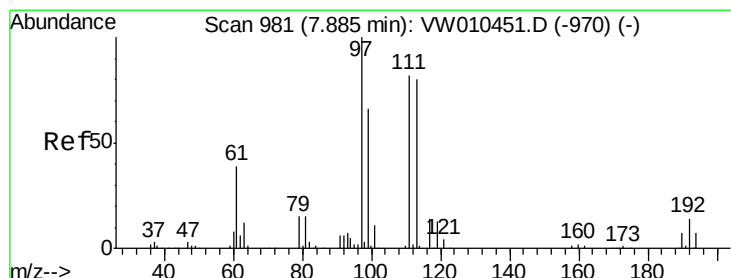
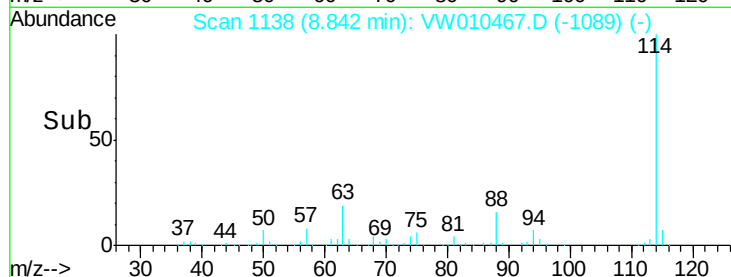
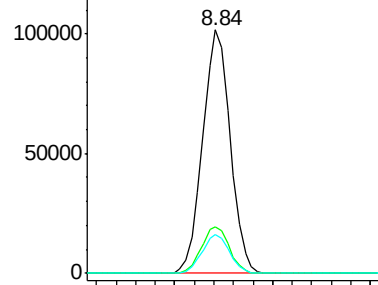
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW010467.D
Acq: 21 May 2019 00:34

Instrument :
MSVOA_W
ClientSampled :
GIS-5-4FT

Tot Ion:114 Resp: 198130
Ion Ratio Lower Upper
114 100
63 19.3 0.0 36.0
88 16.1 0.0 32.0

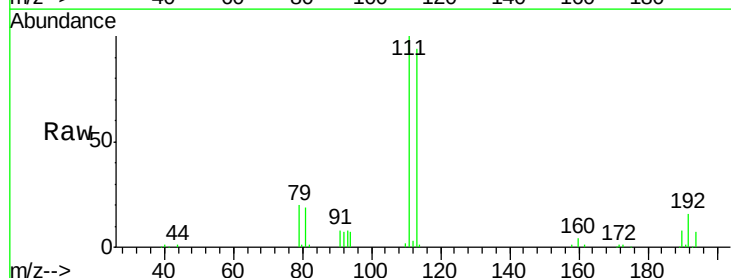


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

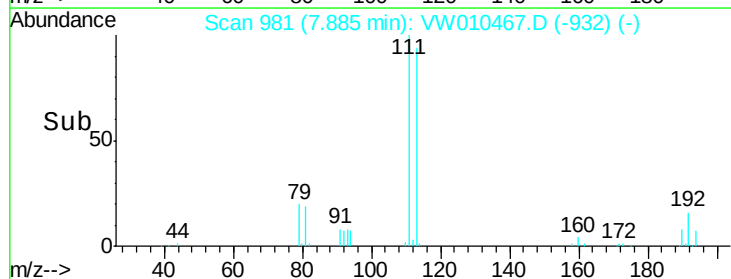
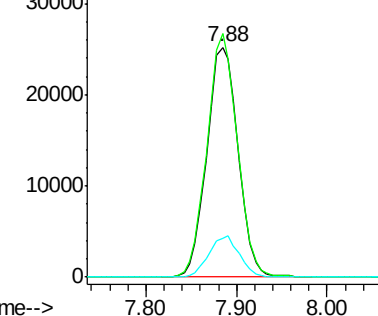


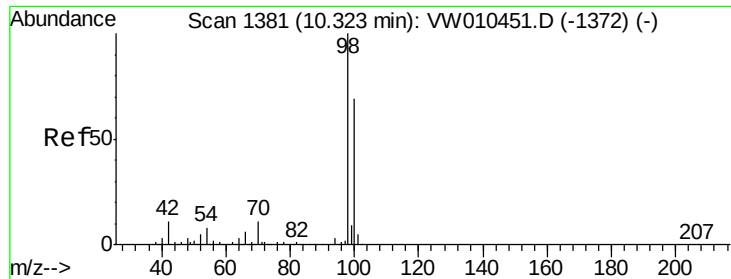
#35
Dibromofluoromethane
Concen: 50.255 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW010467.D
Acq: 21 May 2019 00:34

Tgt Ion:113 Resp: 60417
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 17.4 14.3 21.5



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: 53.387 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010467.D

Acq: 21 May 2019 00:34

Instrument :

MSVOA_W

ClientSampleId :

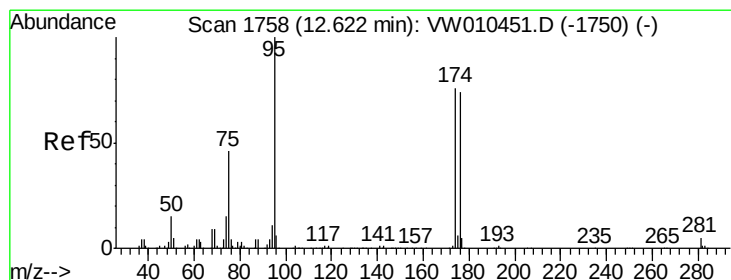
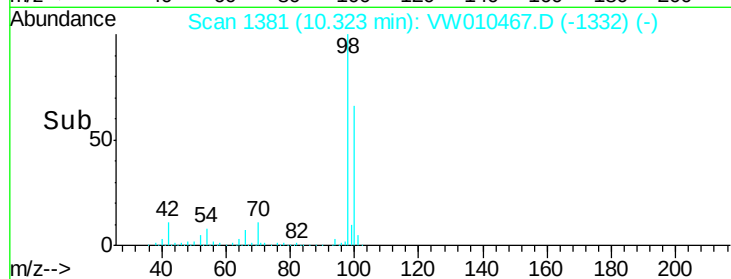
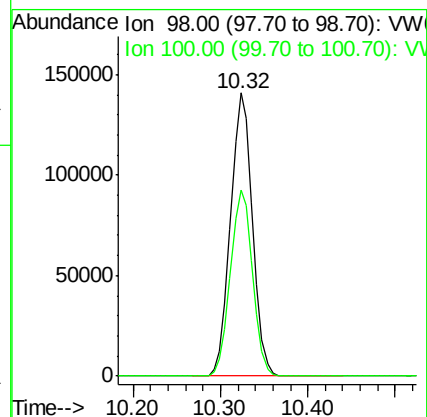
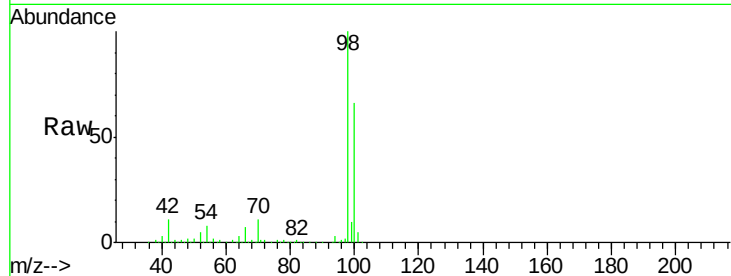
GIS-5-4FT

Tot Ion: 98 Resp: 245193

Ion Ratio Lower Upper

98 100

100 66.5 53.7 80.5



#62

4-Bromofluorobenzene

Concen: 49.675 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010467.D

Acq: 21 May 2019 00:34

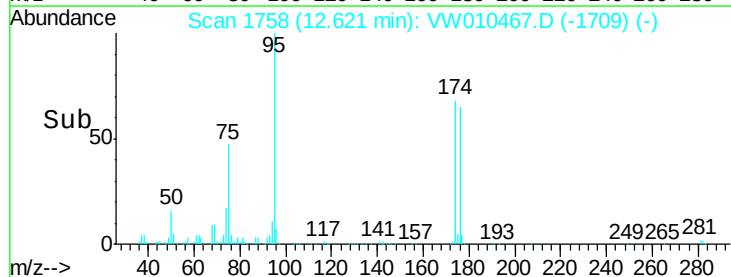
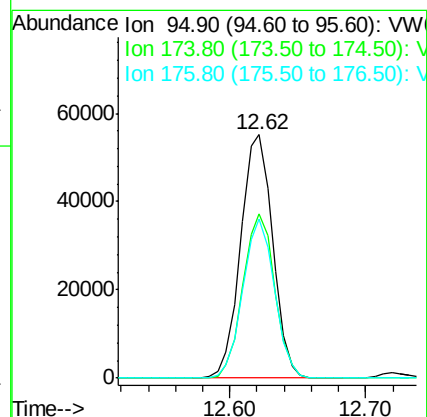
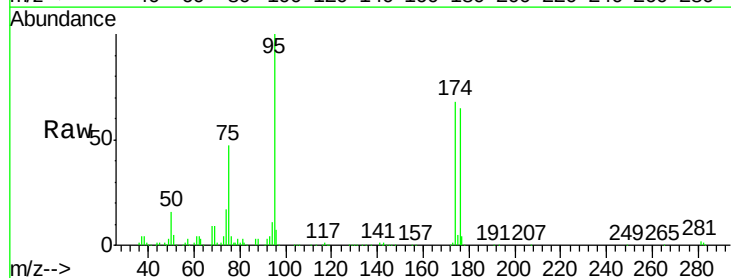
Tgt Ion: 95 Resp: 90874

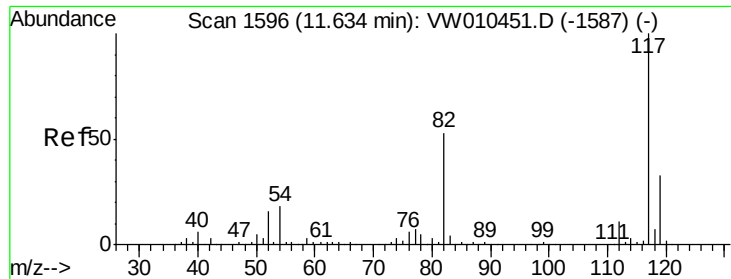
Ion Ratio Lower Upper

95 100

174 66.9 0.0 148.6

176 64.4 0.0 144.2

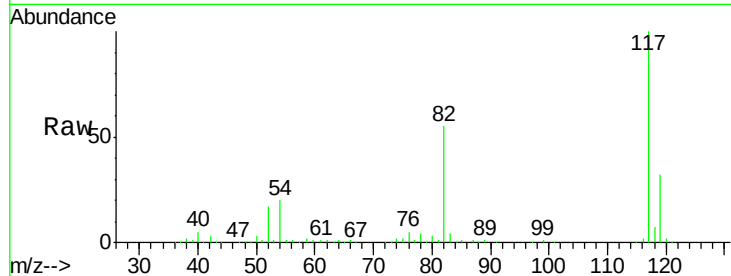




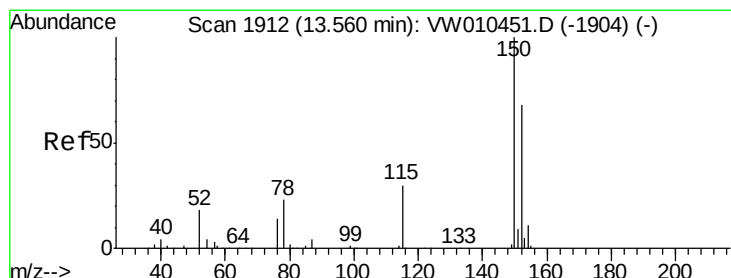
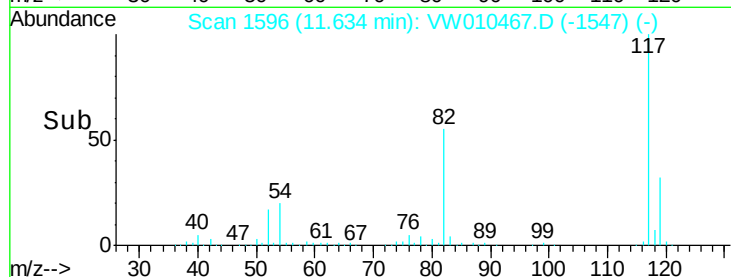
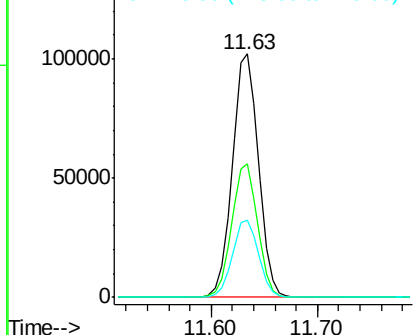
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010467.D
Acq: 21 May 2019 00:34

Instrument :
MSVOA_W
ClientSampleId :
GIS-5-4FT

Tot Ion:117 Resp: 175455
Ion Ratio Lower Upper
117 100
82 54.7 42.8 64.2
119 31.9 26.3 39.5

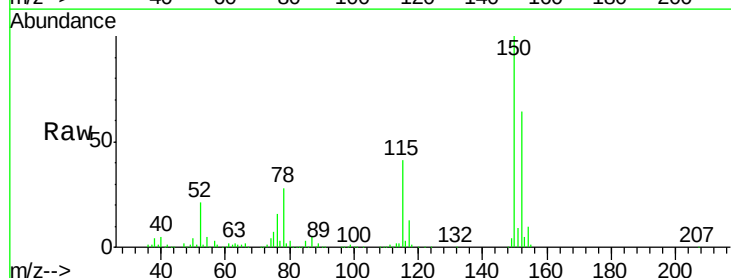


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010467.D
Acq: 21 May 2019 00:34

Tgt Ion:152 Resp: 76783
Ion Ratio Lower Upper
152 100
115 64.8 30.3 91.0
150 157.9 0.0 349.8



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

