

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062019\
 Data File : VW010897.D
 Acq On : 20 Jun 2019 17:35
 Operator : SY/VA
 Sample : K3455-07
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-4-GIS

Quant Time: Jun 21 08:33:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

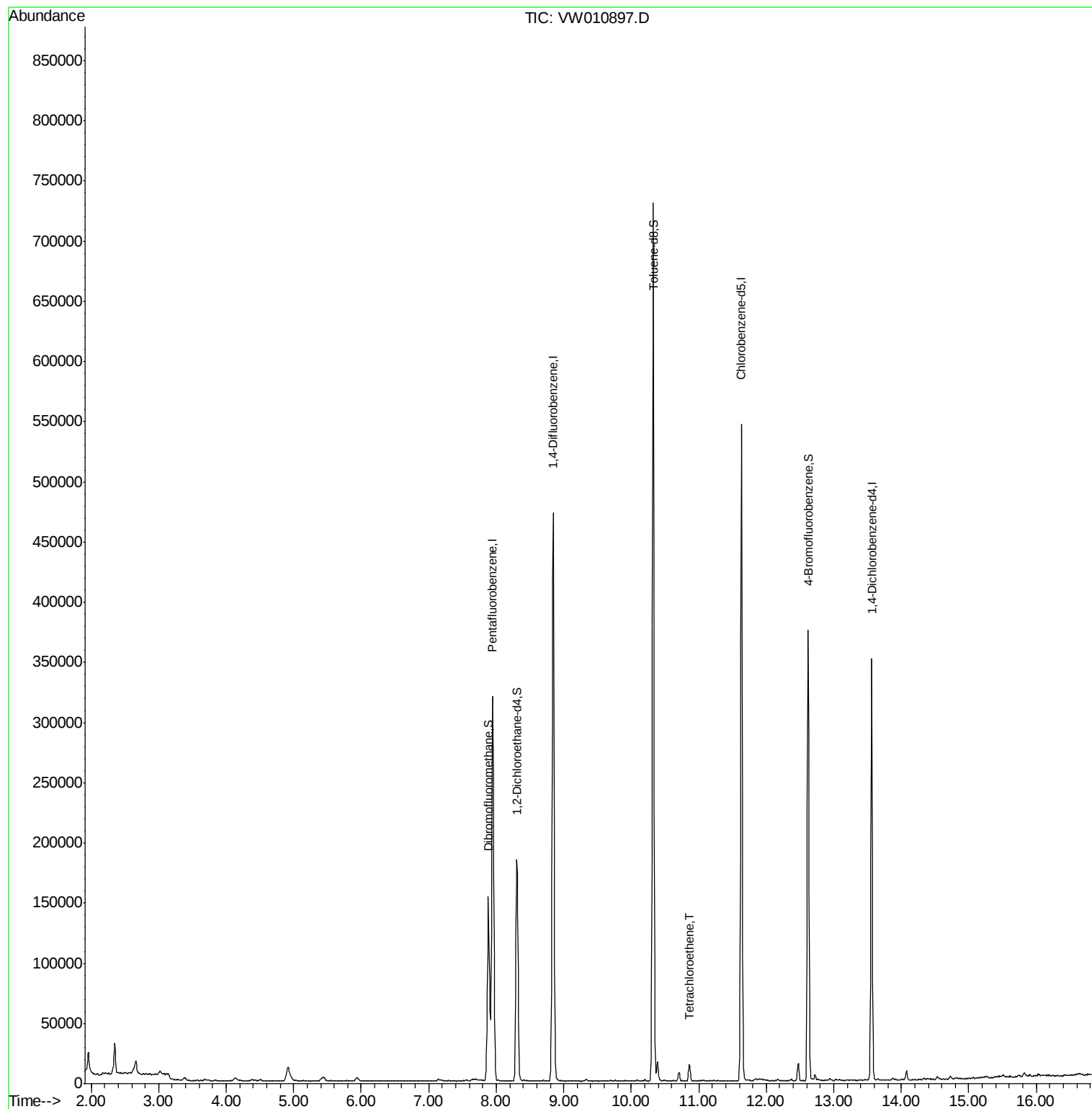
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	227537	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	368914	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	276910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	82793	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	145481	54.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.50%	
35) Dibromofluoromethane	7.88	113	105845	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
50) Toluene-d8	10.32	98	448149	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.08%	
62) 4-Bromofluorobenzene	12.62	95	119894	37.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.04%	
Target Compounds						
64) Tetrachloroethene	10.87	164	2985	1.624	ug/l	Qvalue 94

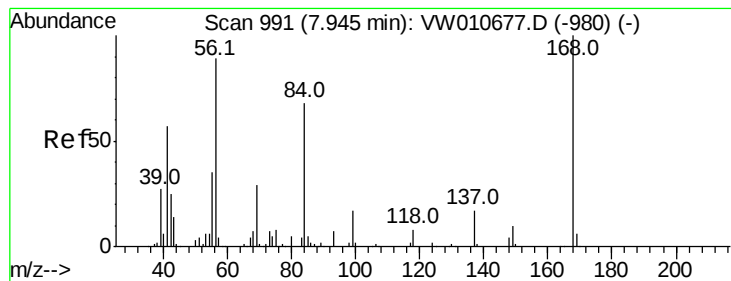
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 05 03:21:19 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010897.D

Acq: 20 Jun 2019 17:35

Instrument :

MSVOA_W

ClientSampled :

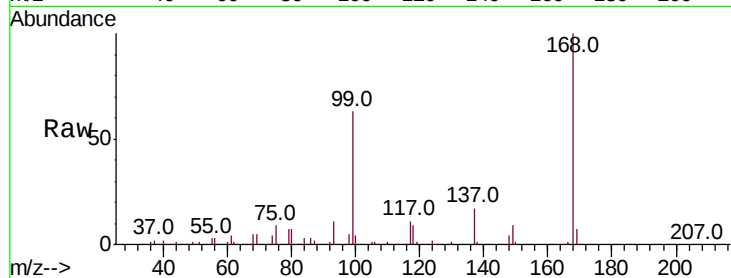
TP-4-GIS

Tot Ion:168 Resp: 227537

Ion Ratio Lower Upper

168 100

99 63.2 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

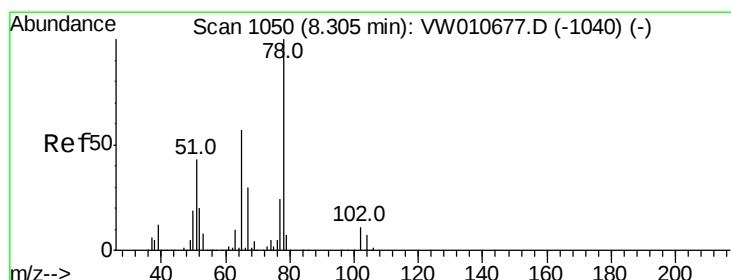
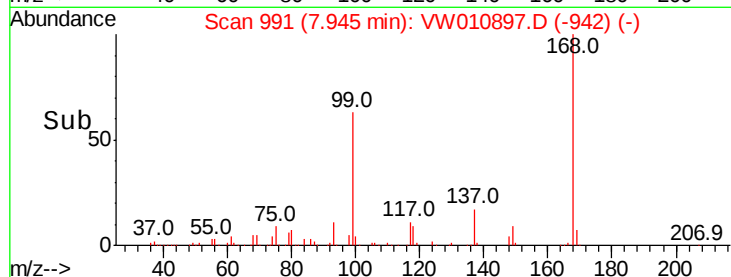
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.245 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010897.D

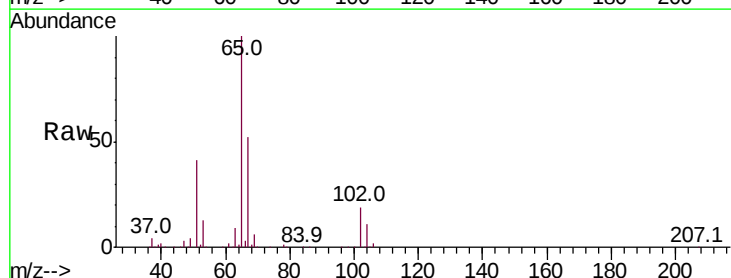
Acq: 20 Jun 2019 17:35

Tgt Ion: 65 Resp: 145481

Ion Ratio Lower Upper

65 100

67 50.8 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

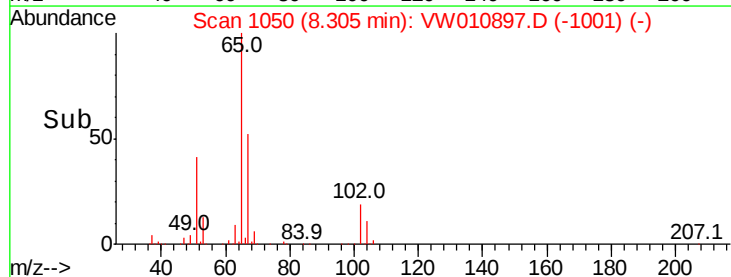
60000

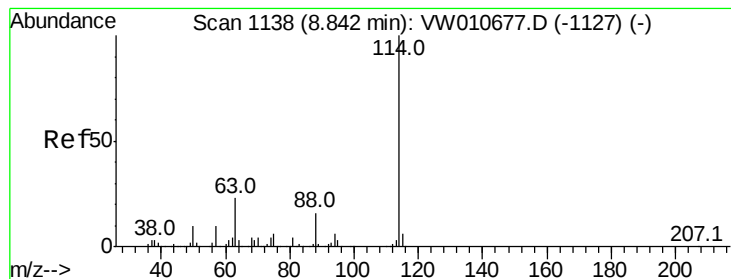
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010897.D

Acq: 20 Jun 2019 17:35

Instrument :

MSVOA_W

ClientSampleId :

TP-4-GIS

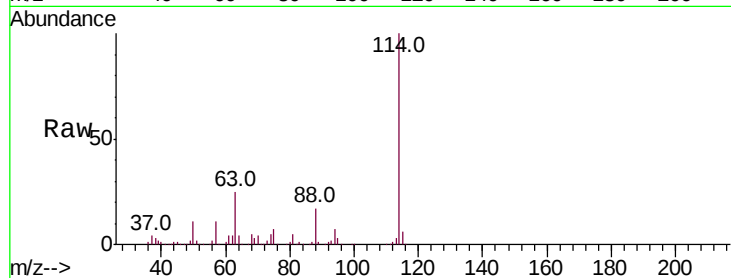
Tot Ion:114 Resp: 368914

Ion Ratio Lower Upper

114 100

63 25.4 0.0 46.4

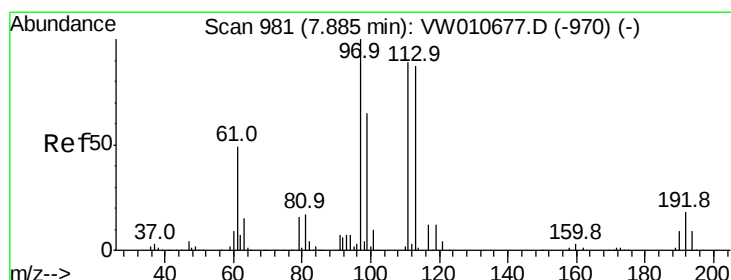
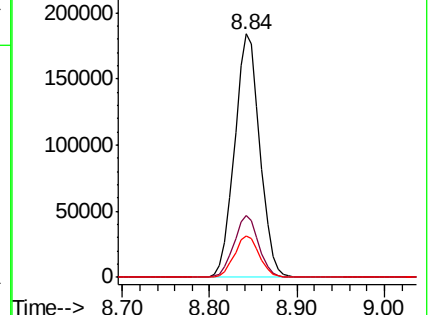
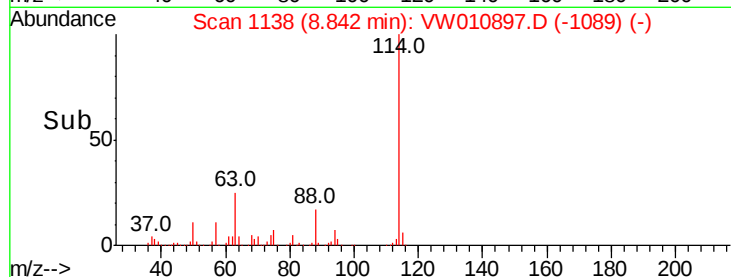
88 17.2 0.0 32.2



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: 52.859 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010897.D

Acq: 20 Jun 2019 17:35

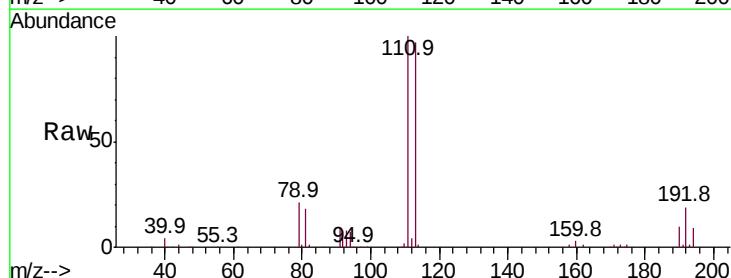
Tgt Ion:113 Resp: 105845

Ion Ratio Lower Upper

113 100

111 103.3 82.6 123.8

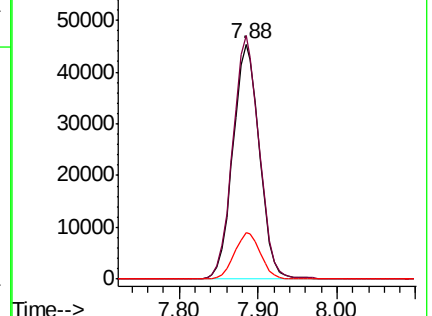
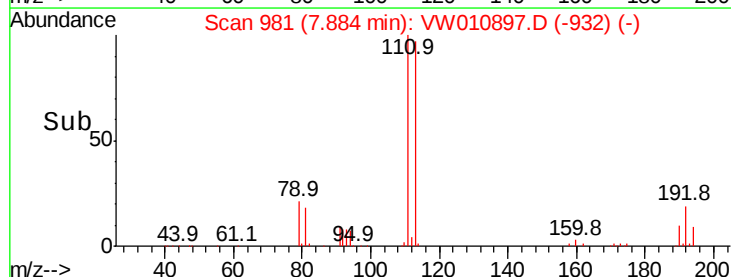
192 19.4 16.4 24.6

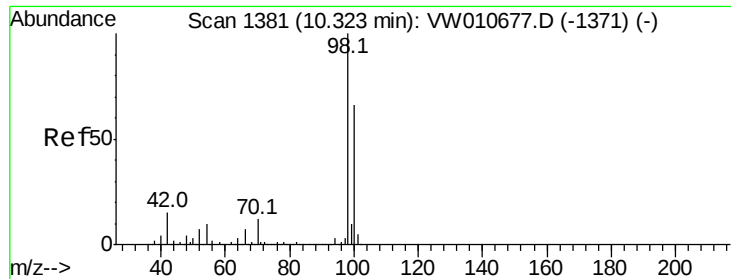


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.038 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010897.D

Acq: 20 Jun 2019 17:35

Instrument :

MSVOA_W

ClientSampled :

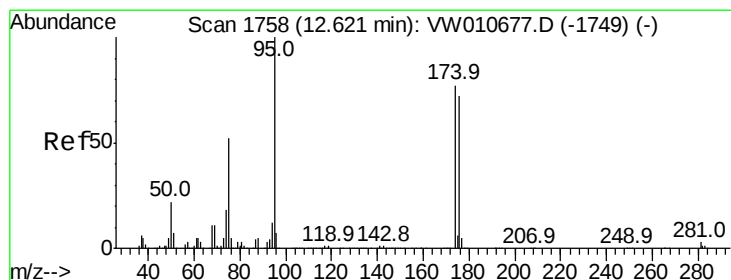
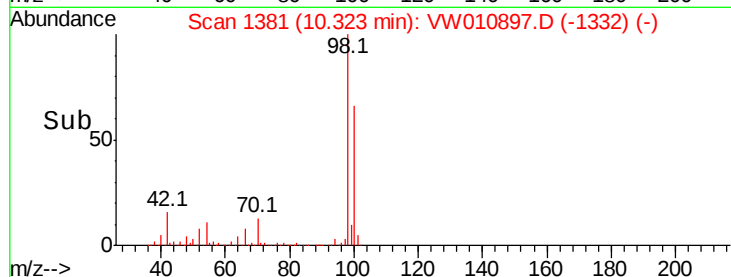
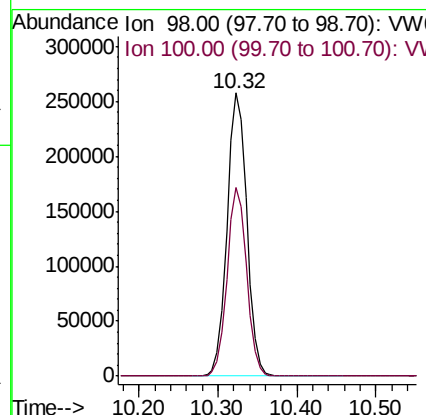
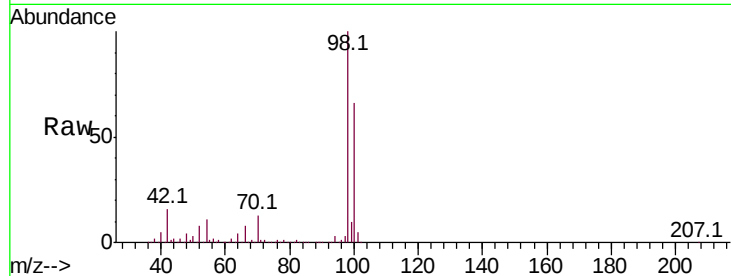
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Tot Ion: 98 Resp: 448149

Ion Ratio Lower Upper

98 100

100 65.6 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 37.523 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010897.D

Acq: 20 Jun 2019 17:35

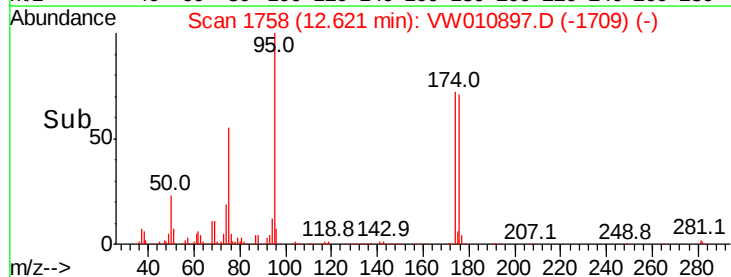
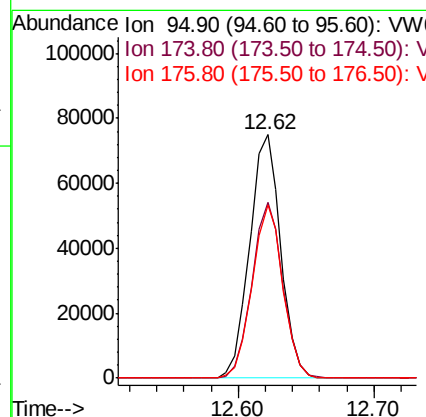
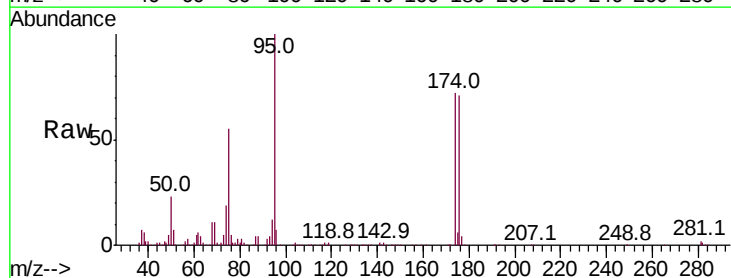
Tgt Ion: 95 Resp: 119894

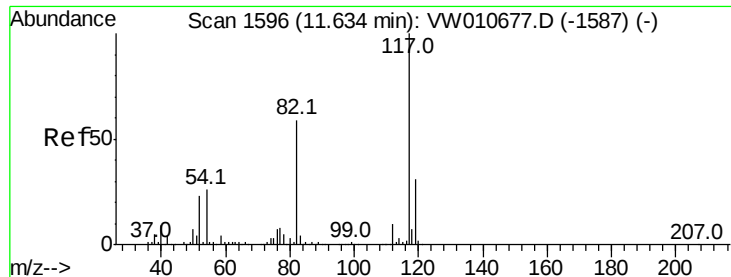
Ion Ratio Lower Upper

95 100

174 71.9 0.0 150.4

176 70.3 0.0 144.8

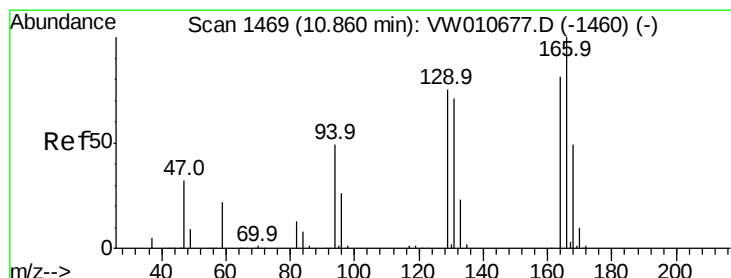
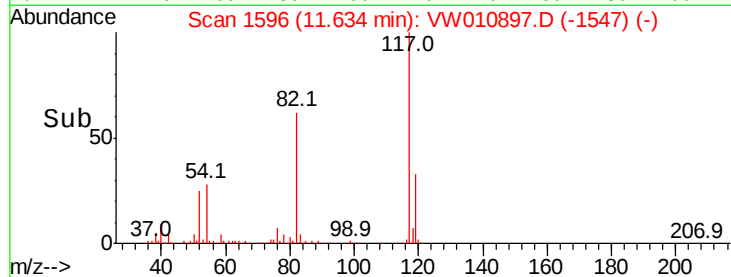
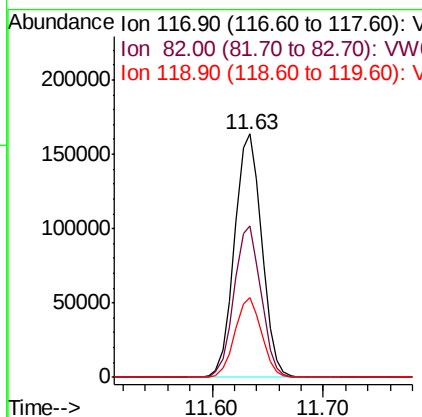
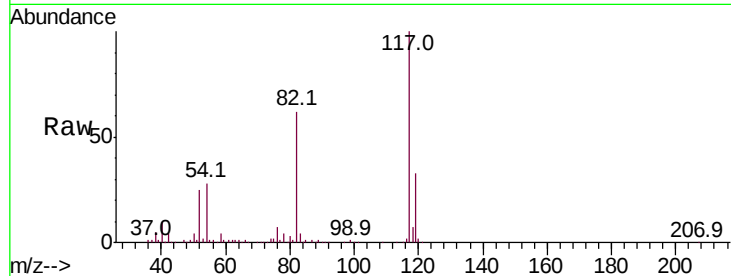




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010897.D
Acq: 20 Jun 2019 17:35

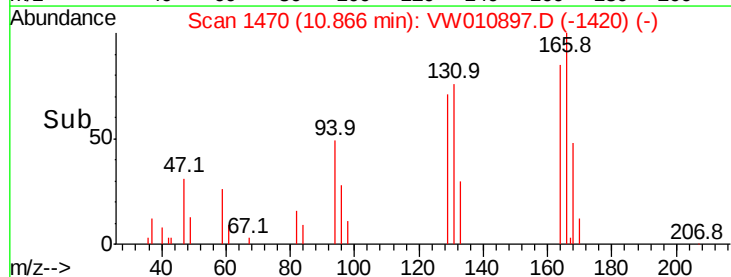
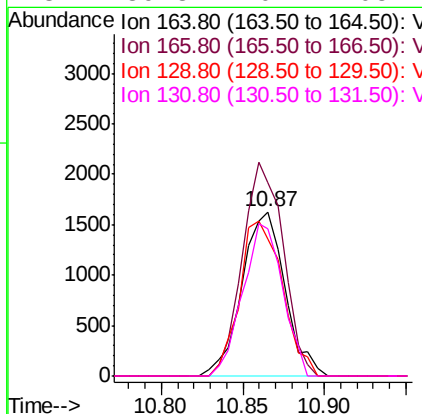
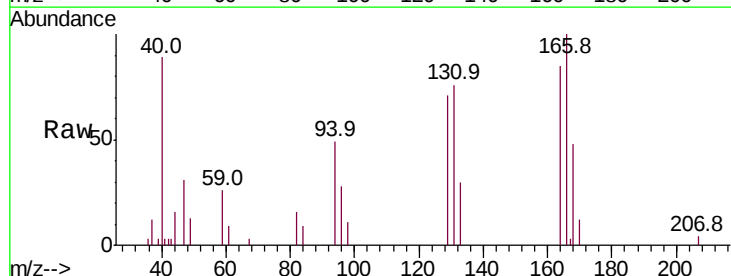
Instrument :
MSVOA_W
ClientSampleId :
TP-4-GIS

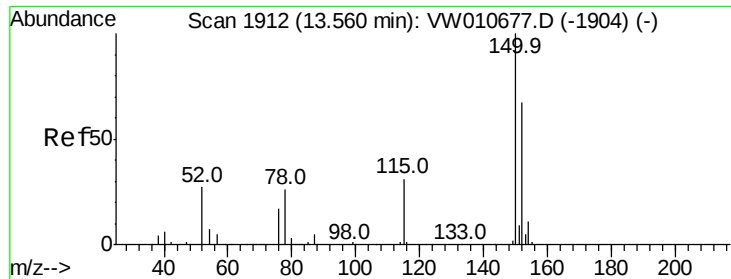
Tot Ion:117 Resp: 276910
Ion Ratio Lower Upper
117 100
82 62.2 47.0 70.4
119 32.6 25.1 37.7



#64
Tetrachloroethene
Concen: 1.624 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW010897.D
Acq: 20 Jun 2019 17:35

Tgt Ion:164 Resp: 2985
Ion Ratio Lower Upper
164 100
166 118.0 99.2 148.8
129 83.9 74.6 112.0
131 89.8 70.2 105.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010897.D

Acq: 20 Jun 2019 17:35

Instrument :

MSVOA_W

ClientSampleId :

TP-4-GIS

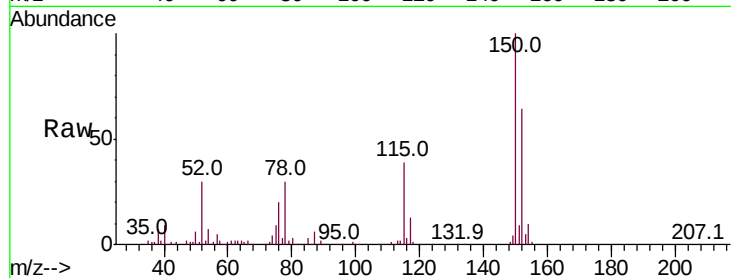
Tot Ion:152 Resp: 82793

Ion Ratio Lower Upper

152 100

115 62.1 29.8 89.3

150 158.2 0.0 345.0



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

