

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052019\
 Data File : VW010466.D
 Acq On : 21 May 2019 00:07
 Operator : SY/VA
 Sample : K2943-02
 Misc : 5.27G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GIS-4-4FT

Quant Time: May 21 07:19:09 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

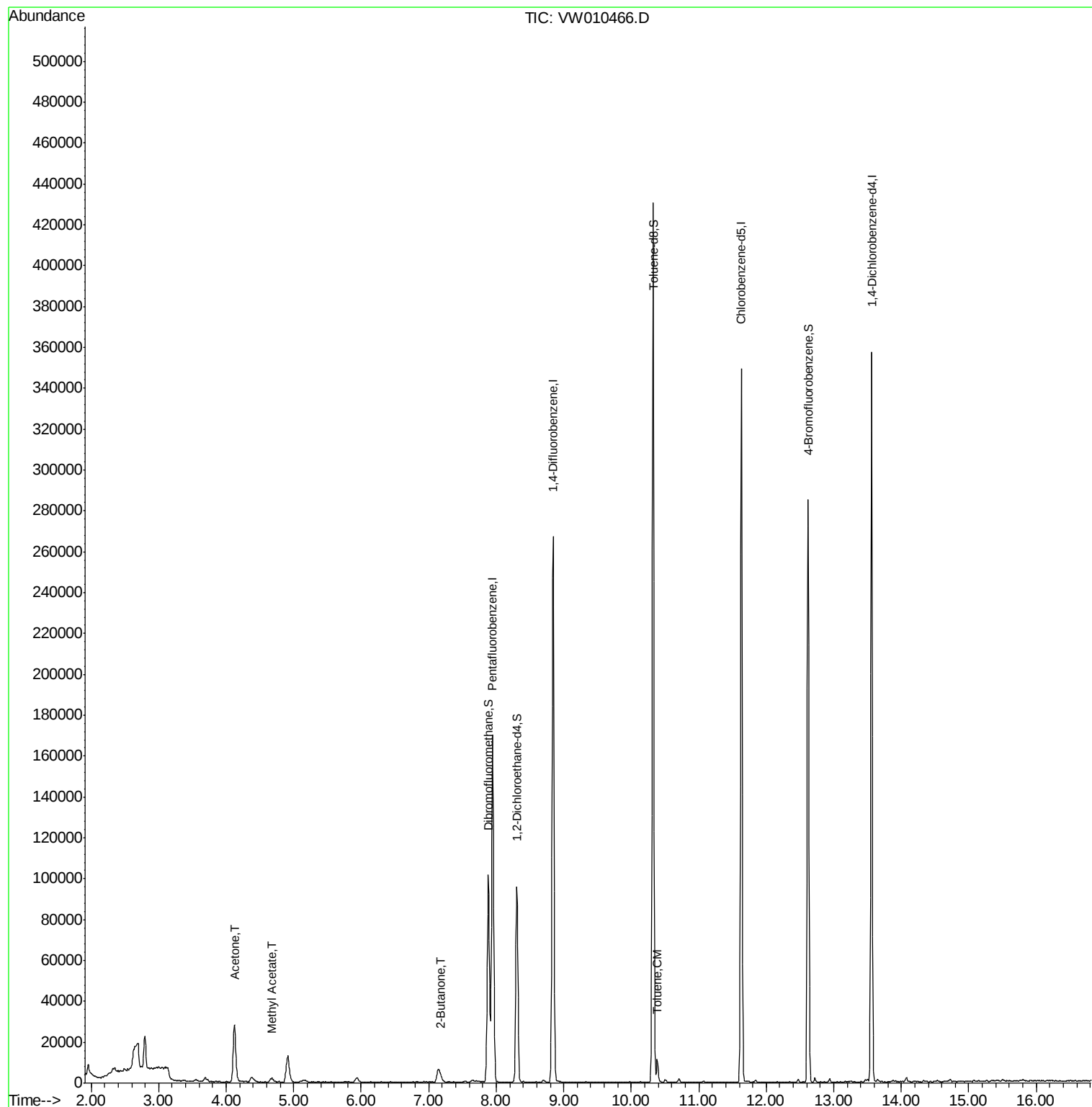
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	123609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	237956	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	208676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	89844	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	74984	58.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.54%	
35) Dibromofluoromethane	7.88	113	74576	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
50) Toluene-d8	10.32	98	294003	53.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.60%	
62) 4-Bromofluorobenzene	12.62	95	107744	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
Target Compounds						
16) Acetone	4.12	43	49264	189.164	ug/l	100
18) Methyl Acetate	4.68	43	3637	5.710	ug/l	97
25) 2-Butanone	7.18	43	4808	12.900	ug/l	95
52) Toluene	10.39	92	5275	1.275	ug/l	97

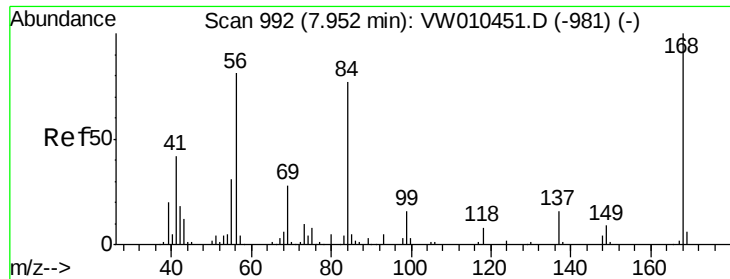
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW052019\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
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# 991

Delta R.T. -0.01 min

Lab File: VW010466.D

Acq: 21 May 2019 00:07

Instrument :

MSVOA_W

ClientSampleId :

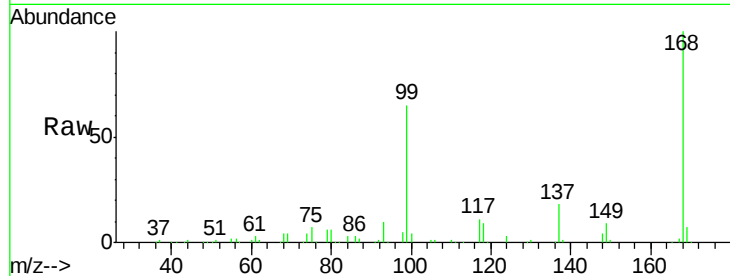
GIS-4-4FT

Tot Ion:168 Resp: 123609

Ion Ratio Lower Upper

168 100

99 64.5 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

30000

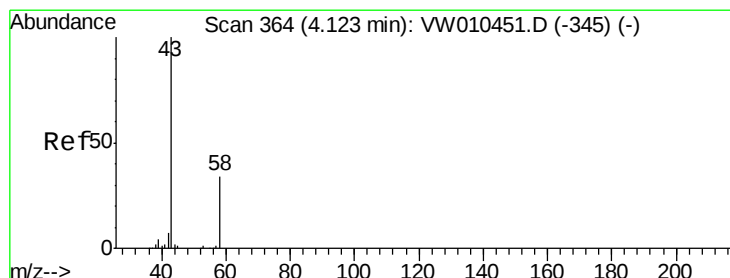
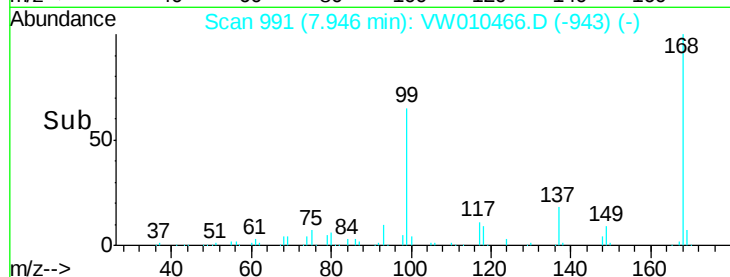
20000

10000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 189.164 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW010466.D

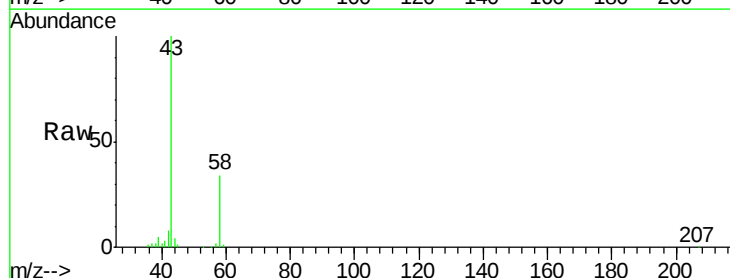
Acq: 21 May 2019 00:07

Tgt Ion: 43 Resp: 49264

Ion Ratio Lower Upper

43 100

58 33.6 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

20000

15000

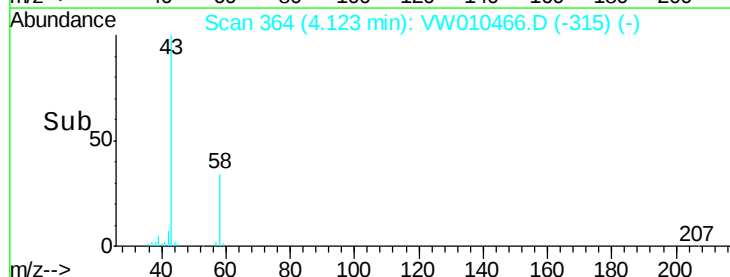
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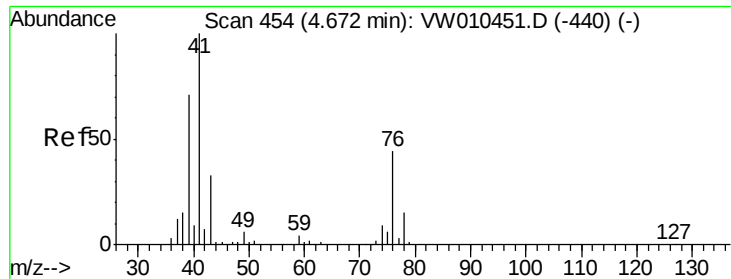
5000

0

4.00 4.10 4.20

Time-->

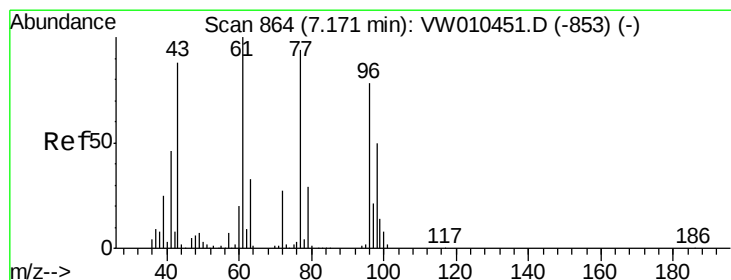
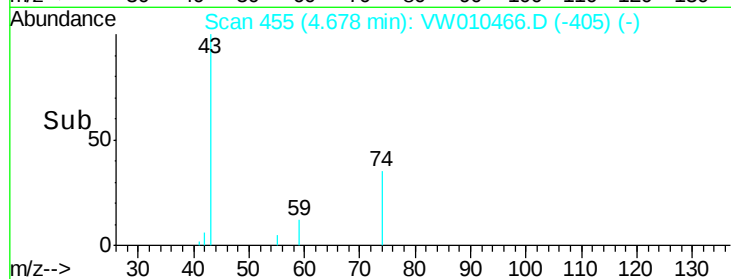
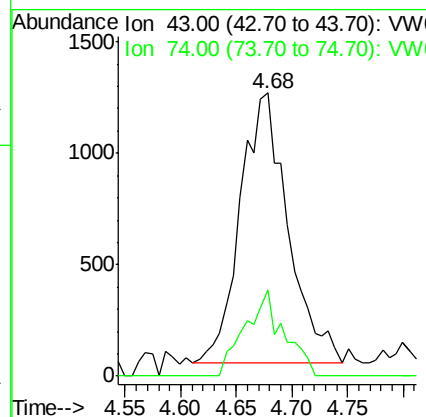
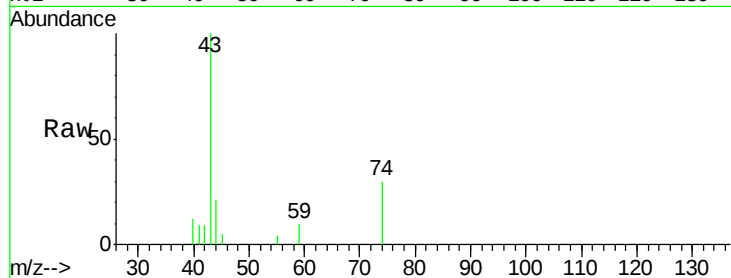




#18
Methvl Acetate
Concen: 5.710 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW010466.D
Acq: 21 May 2019 00:07

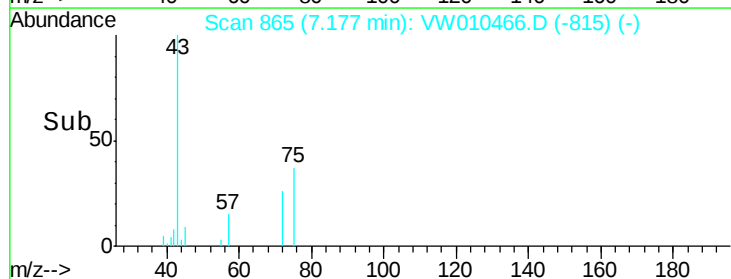
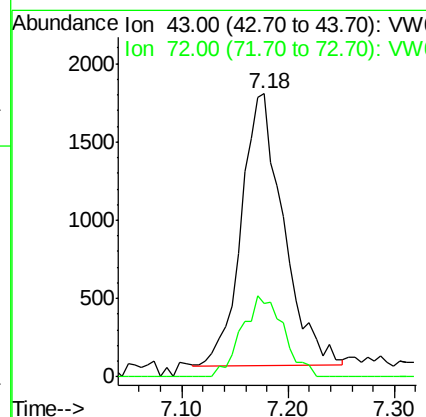
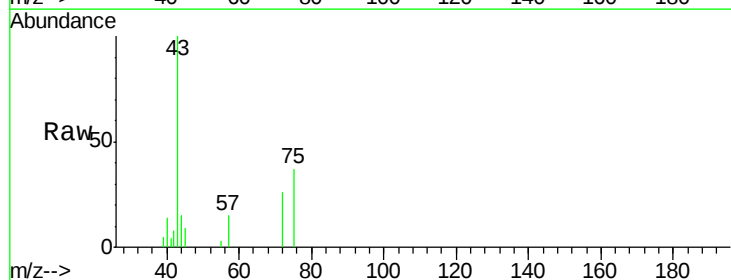
Instrument :
MSVOA_W
ClientSampleId :
GIS-4-4FT

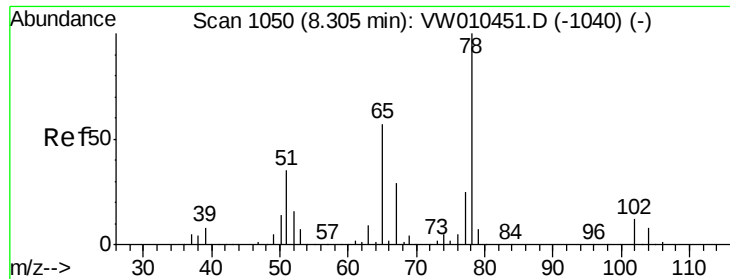
Tot Ion: 43 Resp: 3637
Ion Ratio Lower Upper
43 100
74 25.7 21.6 32.4



#25
2-Butanone
Concen: 12.900 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW010466.D
Acq: 21 May 2019 00:07

Tgt Ion: 43 Resp: 4808
Ion Ratio Lower Upper
43 100
72 27.2 24.1 36.1

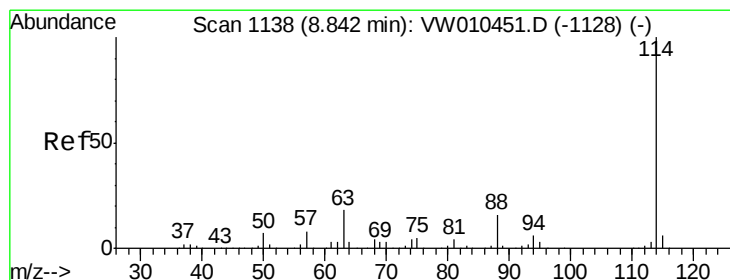
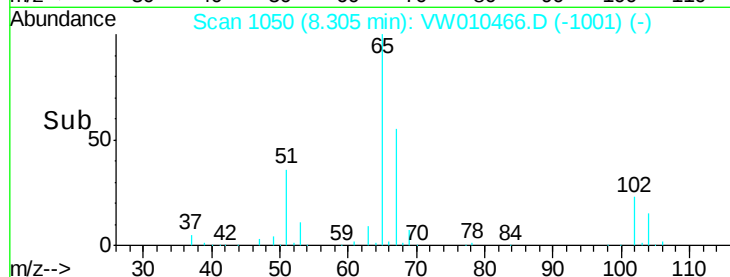
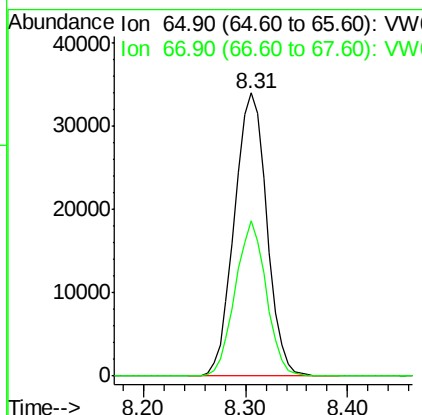
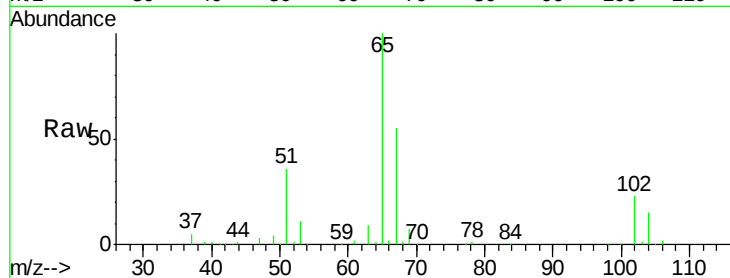




#33
 1,2-Dichloroethane-d4
 Concen: 58.772 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW010466.D
 Acq: 21 May 2019 00:07

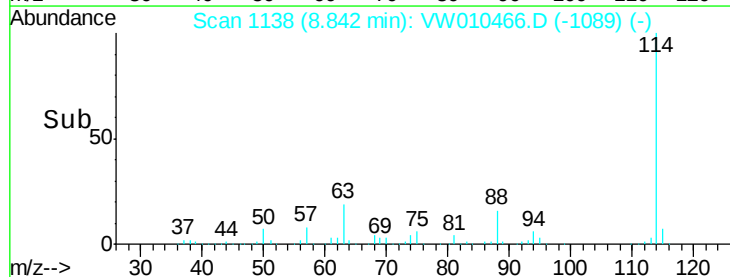
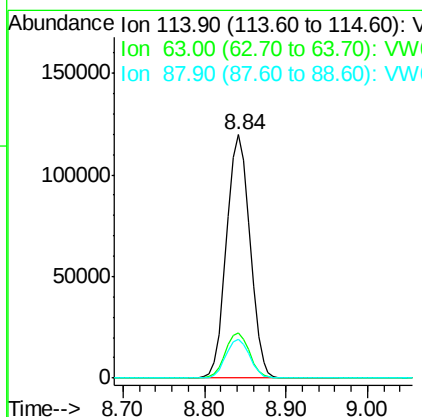
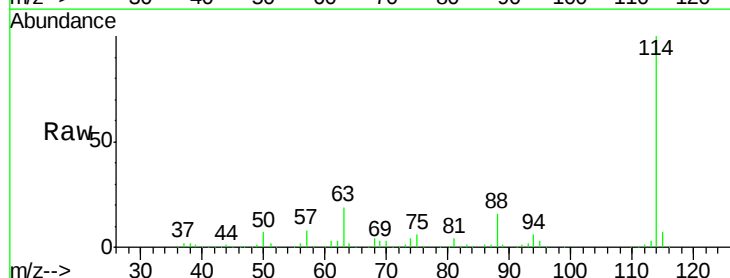
Instrument :
 MSVOA_W
 ClientSampleId :
 GIS-4-4FT

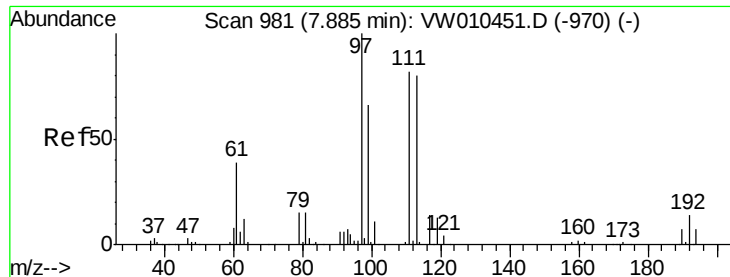
Tot Ion: 65 Resp: 74984
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010466.D
 Acq: 21 May 2019 00:07

Tgt Ion: 114 Resp: 237956
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 36.0
 88 16.0 0.0 32.0

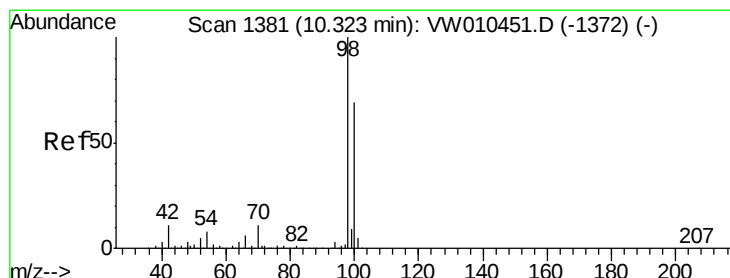
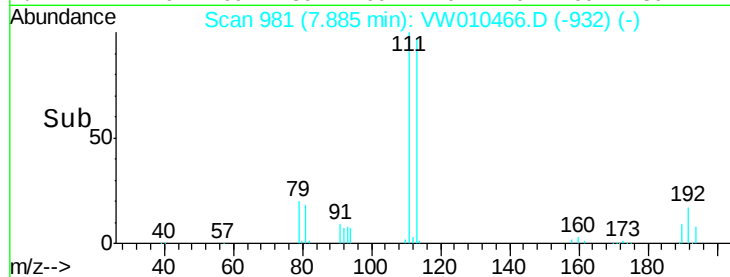
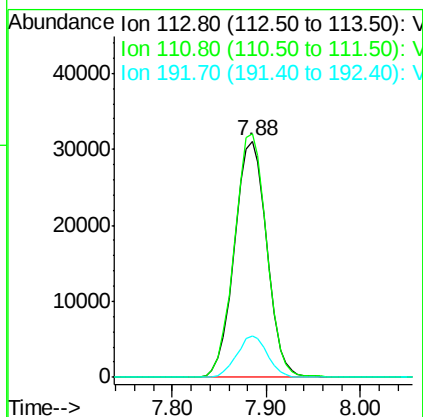
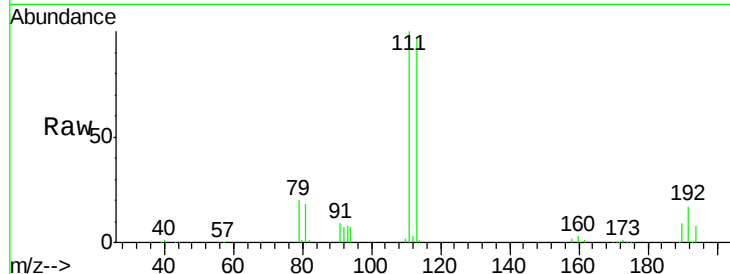




#35
 Dibromofluoromethane
 Concen: 51.650 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW010466.D
 Acq: 21 May 2019 00:07

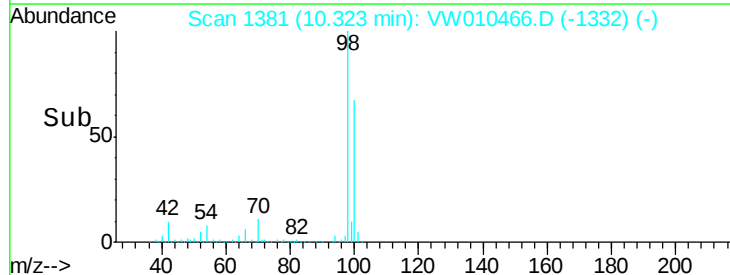
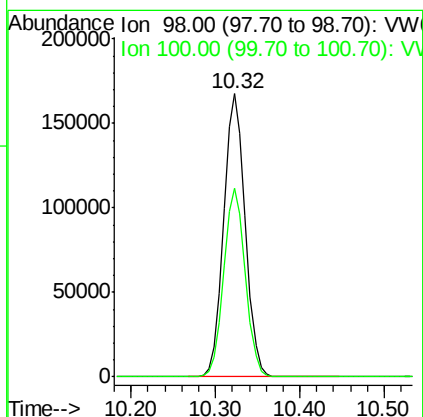
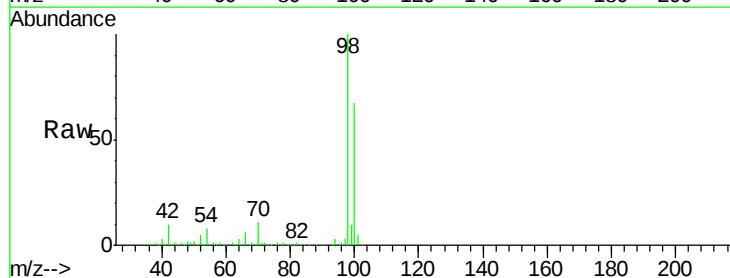
Instrument :
 MSVOA_W
 ClientSampleId :
 GIS-4-4FT

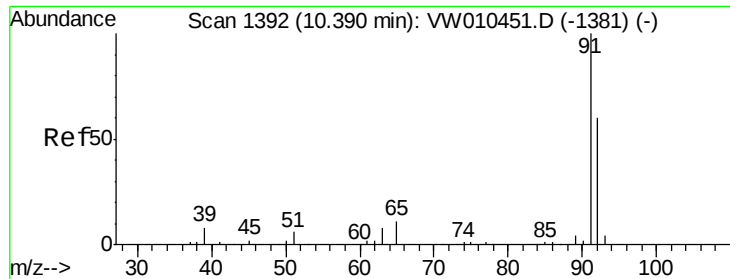
Tot Ion:113 Resp: 74576
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.2 123.4
 192 16.8 14.3 21.5



#50
 Toluene-d8
 Concen: 53.301 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW010466.D
 Acq: 21 May 2019 00:07

Tgt Ion: 98 Resp: 294003
 Ion Ratio Lower Upper
 98 100
 100 66.5 53.7 80.5





#52

Toluene

Concen: 1.275 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW010466.D

Acq: 21 May 2019 00:07

Instrument :

MSVOA_W

ClientSampleId :

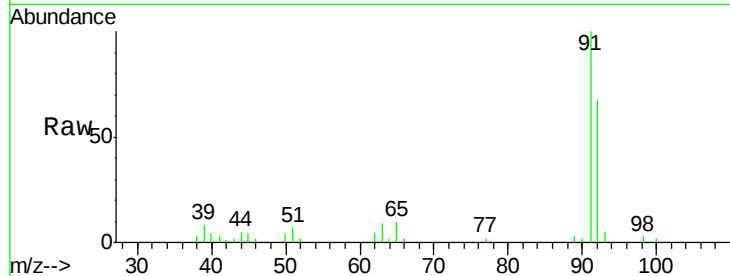
GIS-4-4FT

Tot Ion: 92 Resp: 5275

Ion Ratio Lower Upper

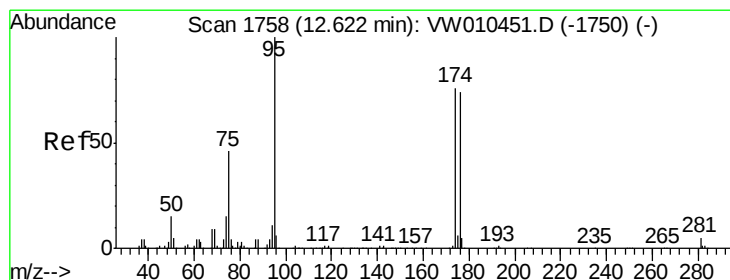
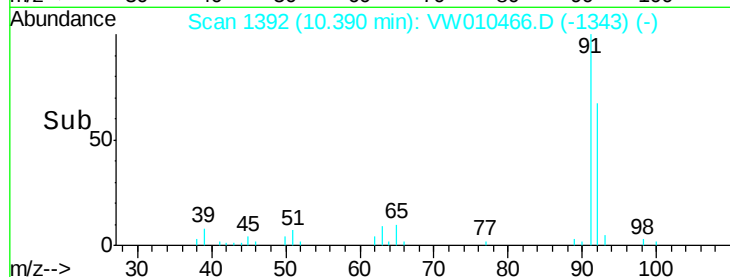
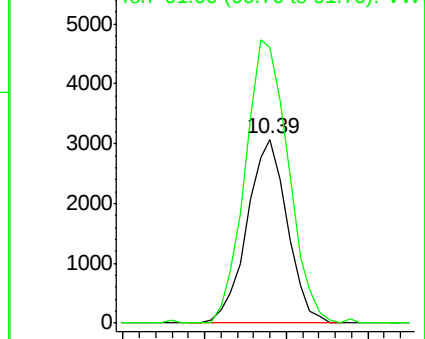
92 100

91 165.3 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#62

4-Bromofluorobenzene

Concen: 49.040 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010466.D

Acq: 21 May 2019 00:07

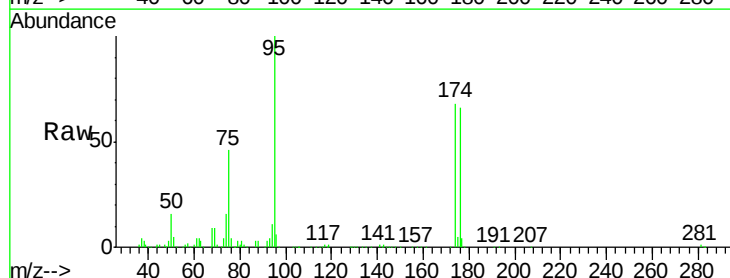
Tgt Ion: 95 Resp: 107744

Ion Ratio Lower Upper

95 100

174 67.1 0.0 148.6

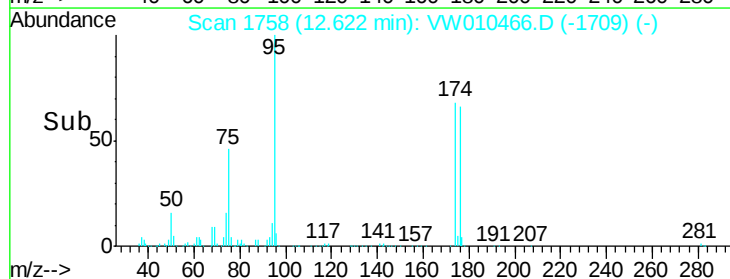
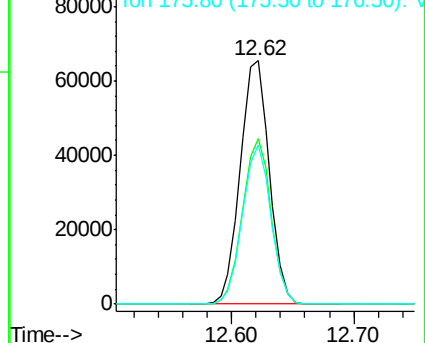
176 64.2 0.0 144.2

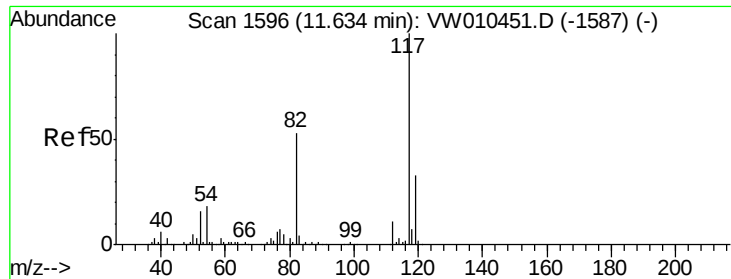


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

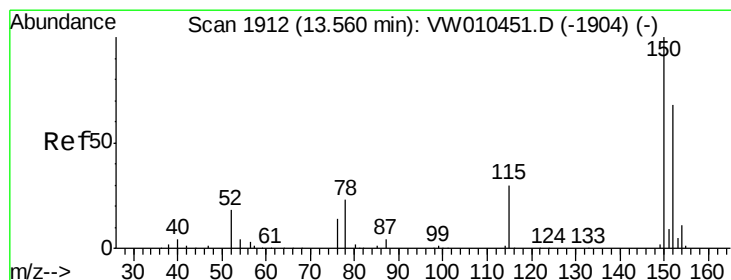
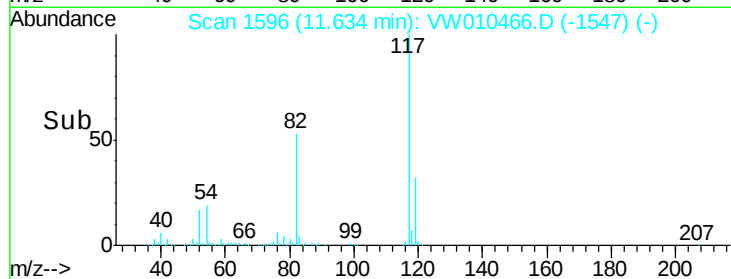
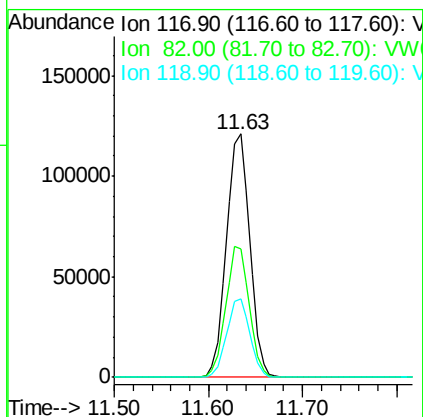
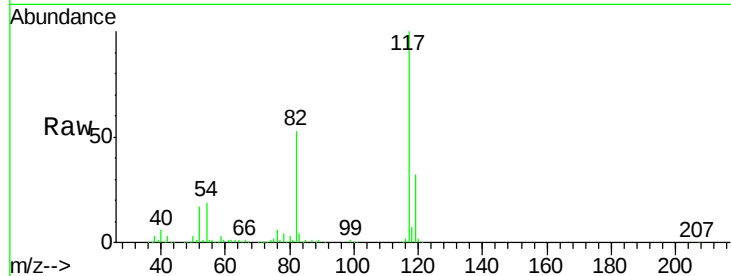




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010466.D
Acq: 21 May 2019 00:07

Instrument :
MSVOA_W
ClientSampleId :
GIS-4-4FT

Tot Ion:117 Resp: 208676
Ion Ratio Lower Upper
117 100
82 52.6 42.8 64.2
119 32.3 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW010466.D
Acq: 21 May 2019 00:07

Tgt Ion:152 Resp: 89844
Ion Ratio Lower Upper
152 100
115 64.5 30.3 91.0
150 159.4 0.0 349.8

