

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071420\
 Data File : VY003196.D
 Acq On : 14 Jul 2020 15:21
 Operator : SY/MD
 Sample : L3287-02RE
 Misc : 4.76G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-03-012-ARE

Quant Time: Jul 15 05:38:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

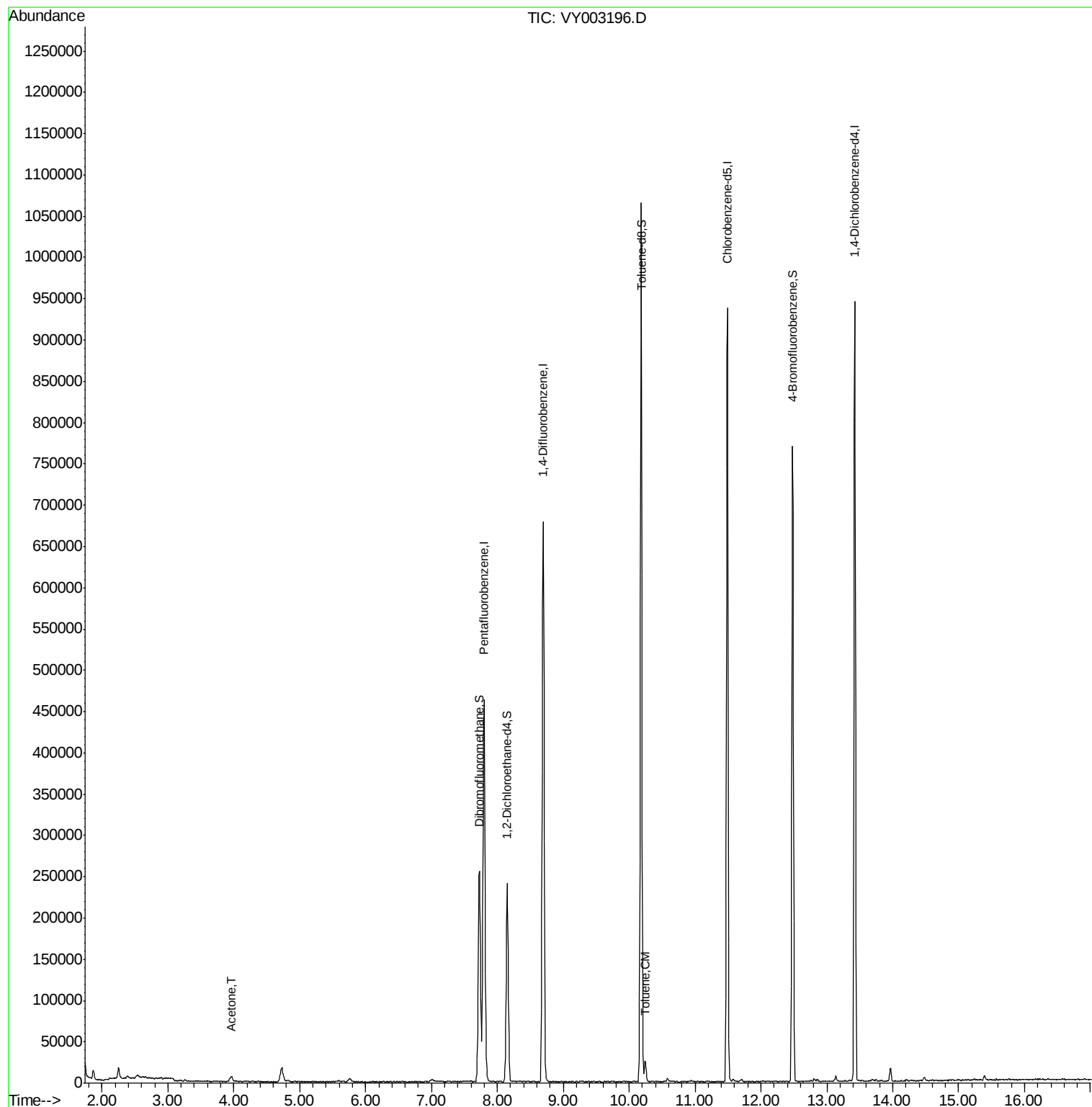
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	373774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	579782	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	517784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	238292	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	190102	60.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.52%	
35) Dibromofluoromethane	7.73	113	182783	54.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.56%	
50) Toluene-d8	10.18	98	699374	56.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.76%	
62) 4-Bromofluorobenzene	12.48	95	222112	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
Target Compounds						
16) Acetone	3.96	43	11707	16.613	ug/l #	89
52) Toluene	10.24	92	10705	1.158	ug/l	83

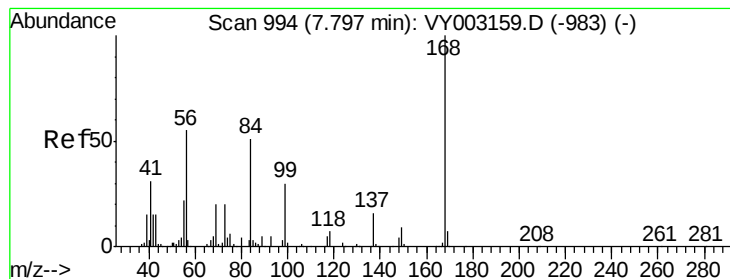
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY071420\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003196.D

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ClientSampleId :

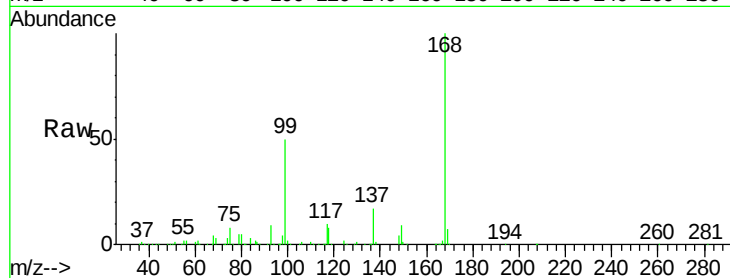
FK-GF-03-012-ARE

Tot Ion:168 Resp: 373774

Ion Ratio Lower Upper

168 100

99 50.1 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003196.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003196.D (-945) (-)

7.80

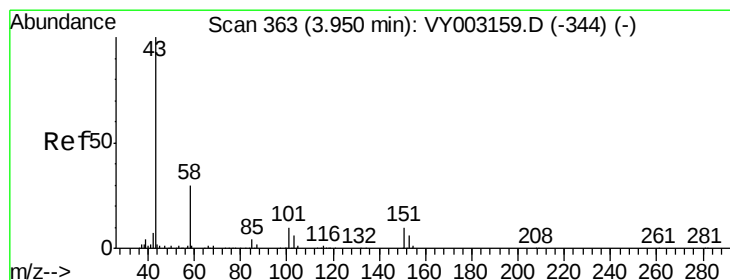
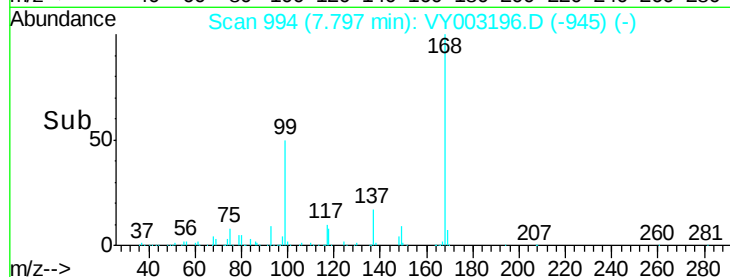
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 16.613 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003196.D

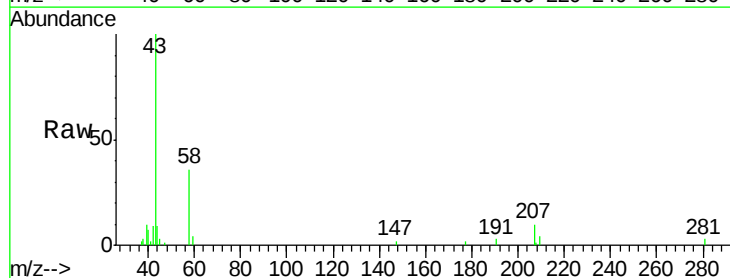
Acq: 14 Jul 2020 15:21

Tgt Ion: 43 Resp: 11707

Ion Ratio Lower Upper

43 100

58 35.8 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VY003196.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003196.D (-314) (-)

3.96

4000

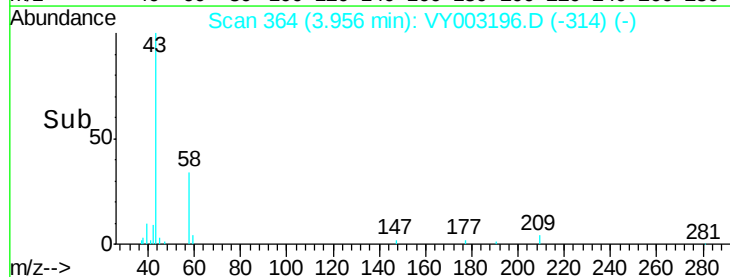
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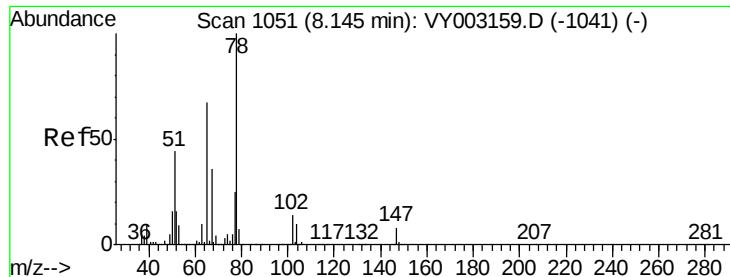
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1000

0

Time-->

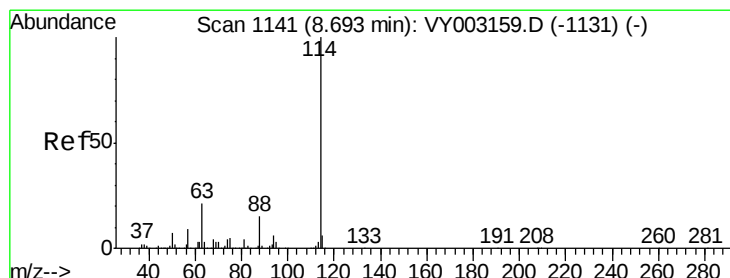
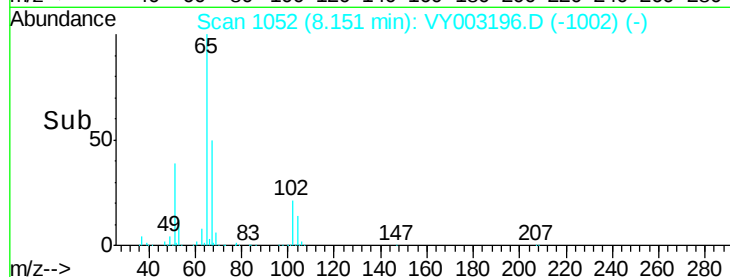
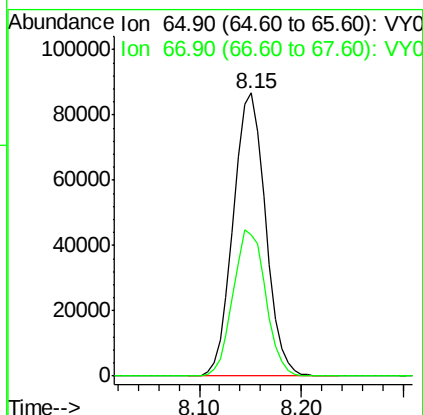
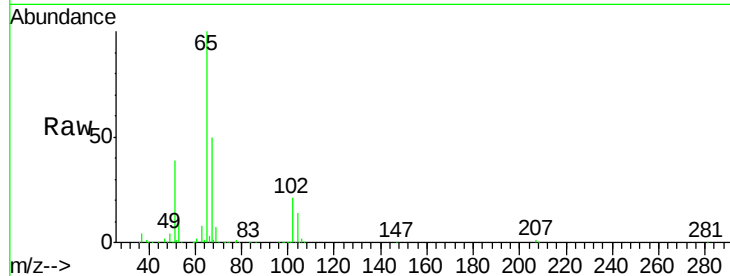




#33
 1,2-Dichloroethane-d4
 Concen: 60.258 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003196.D
 Acq: 14 Jul 2020 15:21

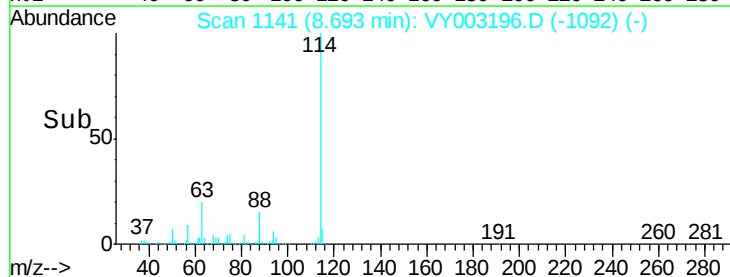
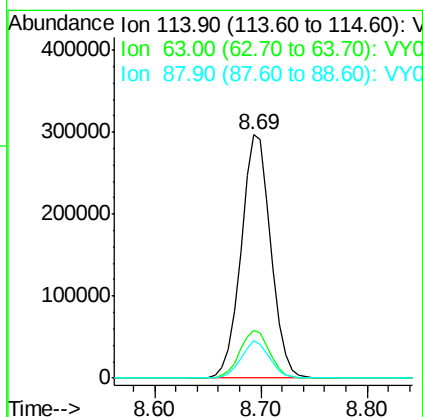
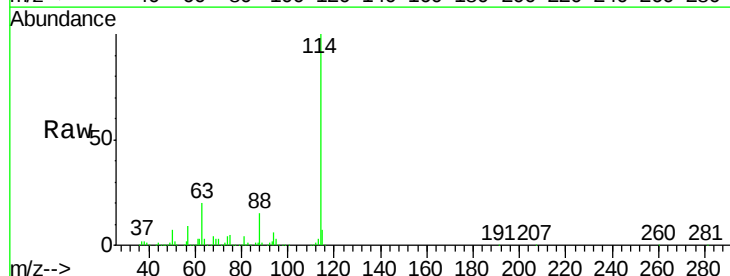
Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-03-012-ARE

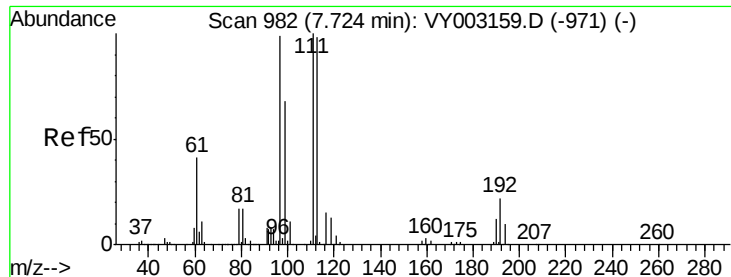
Tot Ion: 65 Resp: 190102
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003196.D
 Acq: 14 Jul 2020 15:21

Tgt Ion: 114 Resp: 579782
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 41.2
 88 15.2 0.0 30.2

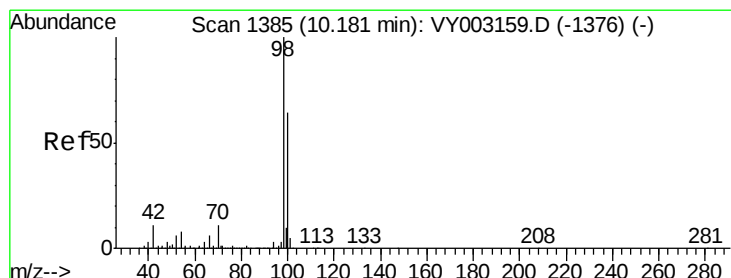
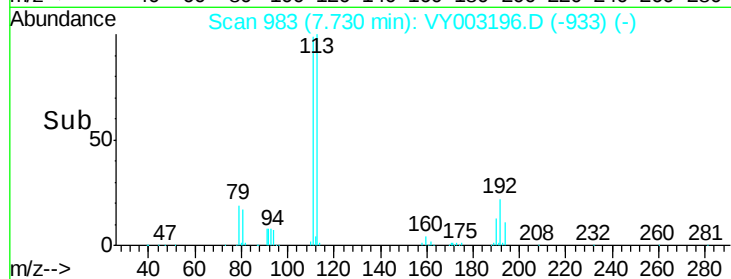
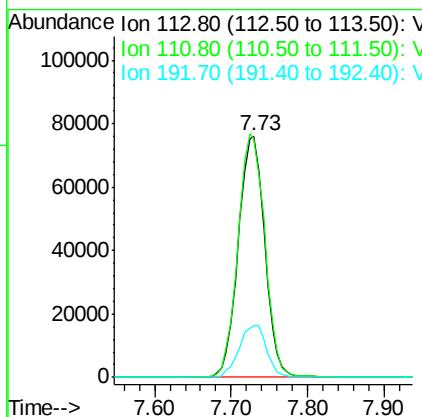
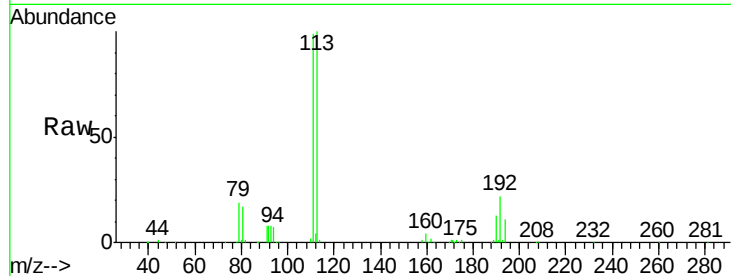




#35
 Dibromofluoromethane
 Concen: 54.783 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY003196.D
 Acq: 14 Jul 2020 15:21

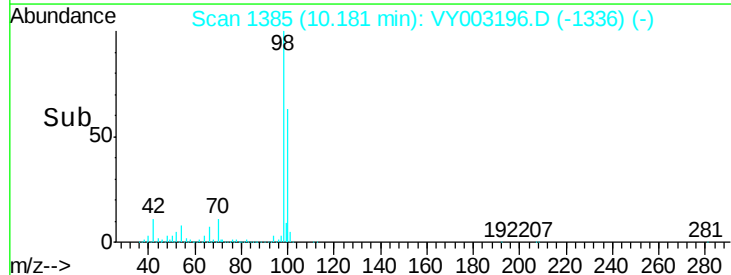
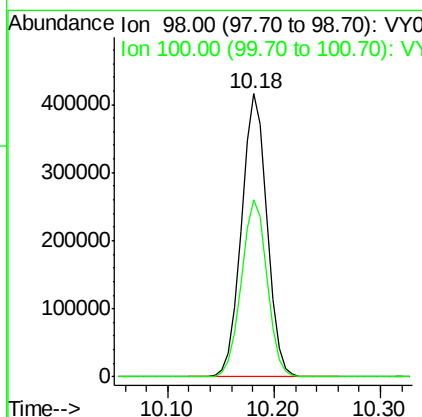
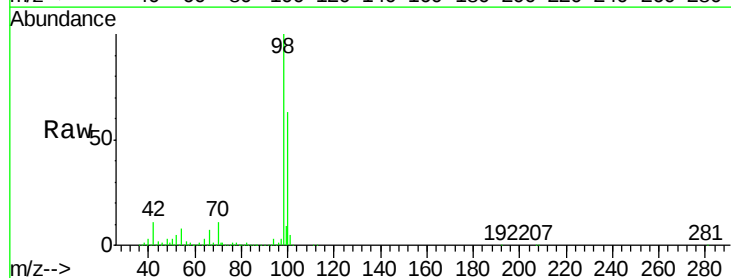
Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-03-012-ARE

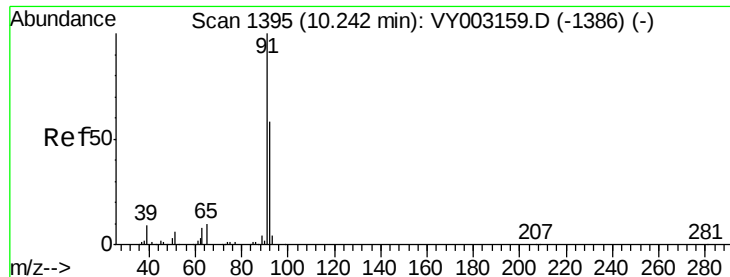
Tot Ion:113 Resp: 182783
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.1 123.1
 192 22.4 18.8 28.2



#50
 Toluene-d8
 Concen: 56.380 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY003196.D
 Acq: 14 Jul 2020 15:21

Tgt Ion: 98 Resp: 699374
 Ion Ratio Lower Upper
 98 100
 100 63.3 50.7 76.1





#52

Toluene

Concen: 1.158 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY003196.D

Acq: 14 Jul 2020 15:21

Instrument :

MSVOA_Y

ClientSampleId :

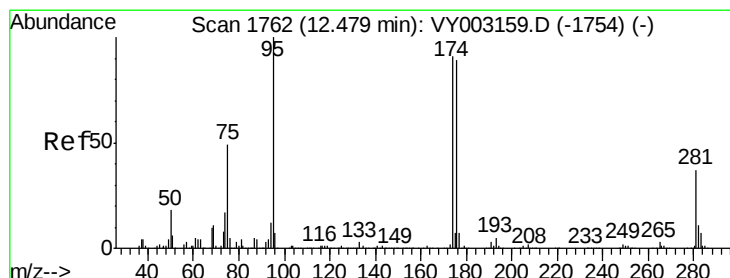
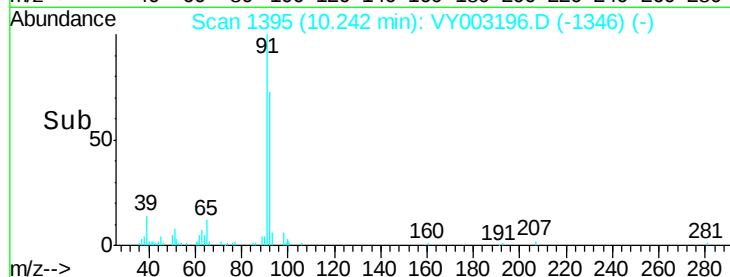
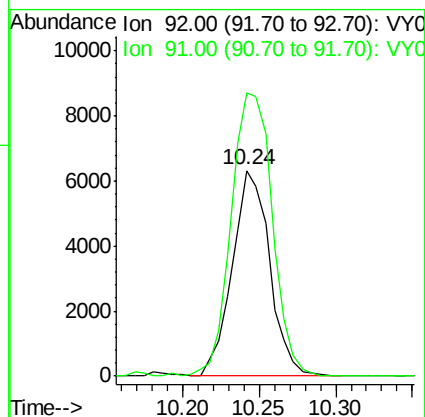
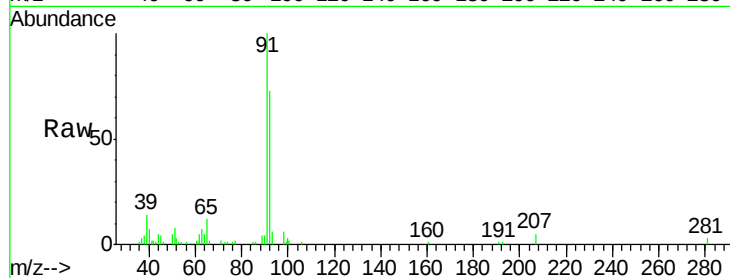
FK-GF-03-012-ARE

Tot Ion: 92 Resp: 10705

Ion Ratio Lower Upper

92 100

91 151.6 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 49.564 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003196.D

Acq: 14 Jul 2020 15:21

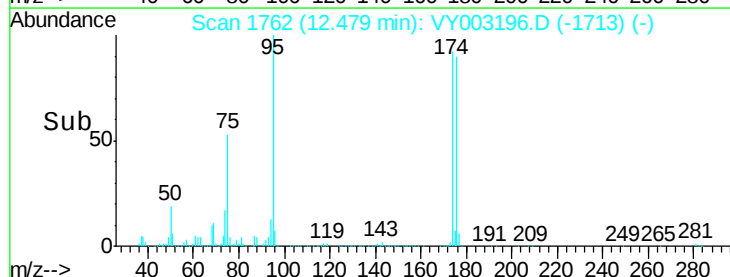
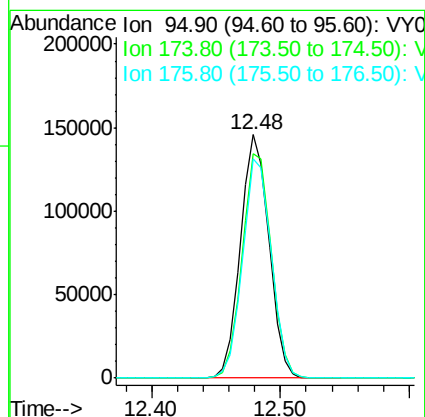
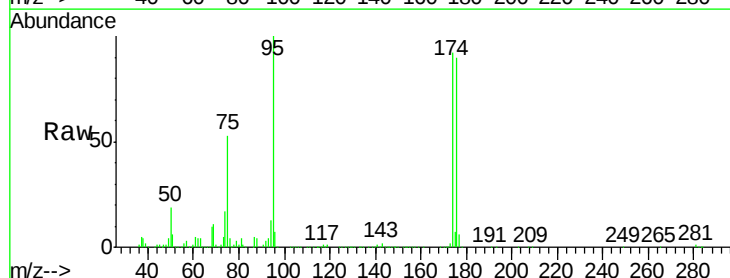
Tgt Ion: 95 Resp: 222112

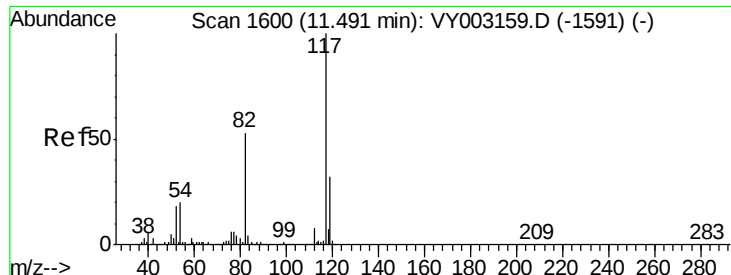
Ion Ratio Lower Upper

95 100

174 94.1 0.0 190.6

176 90.8 0.0 186.4

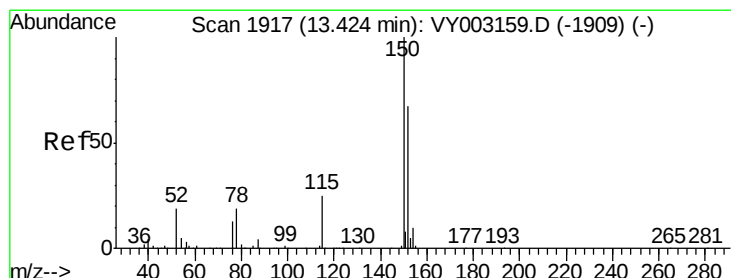
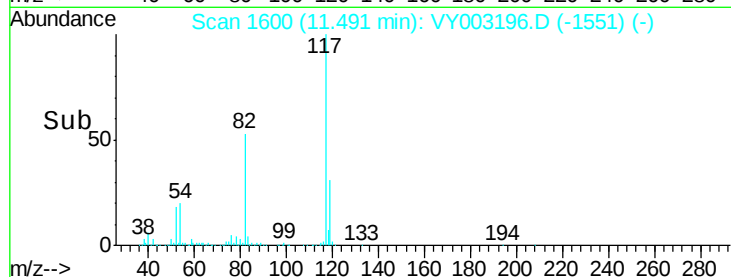
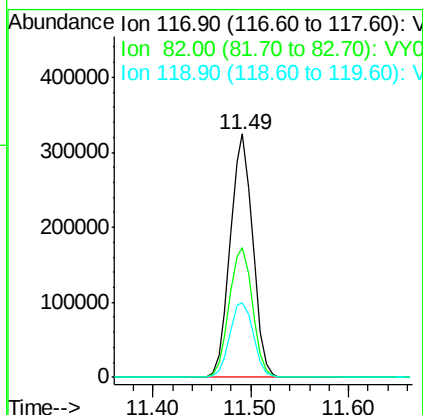
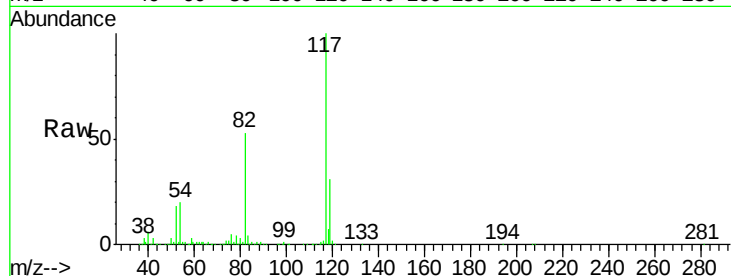




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003196.D
Acq: 14 Jul 2020 15:21

Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-03-012-ARE

Tot Ion:117 Resp: 517784
Ion Ratio Lower Upper
117 100
82 53.2 42.0 63.0
119 30.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003196.D
Acq: 14 Jul 2020 15:21

Tgt Ion:152 Resp: 238292
Ion Ratio Lower Upper
152 100
115 56.1 26.9 80.7
150 158.8 0.0 338.0

