

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072720\
 Data File : VY003366.D
 Acq On : 27 Jul 2020 19:27
 Operator : SY/MD
 Sample : L3449-04
 Misc : 7.03G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-02-059-B

Quant Time: Jul 28 05:46:23 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

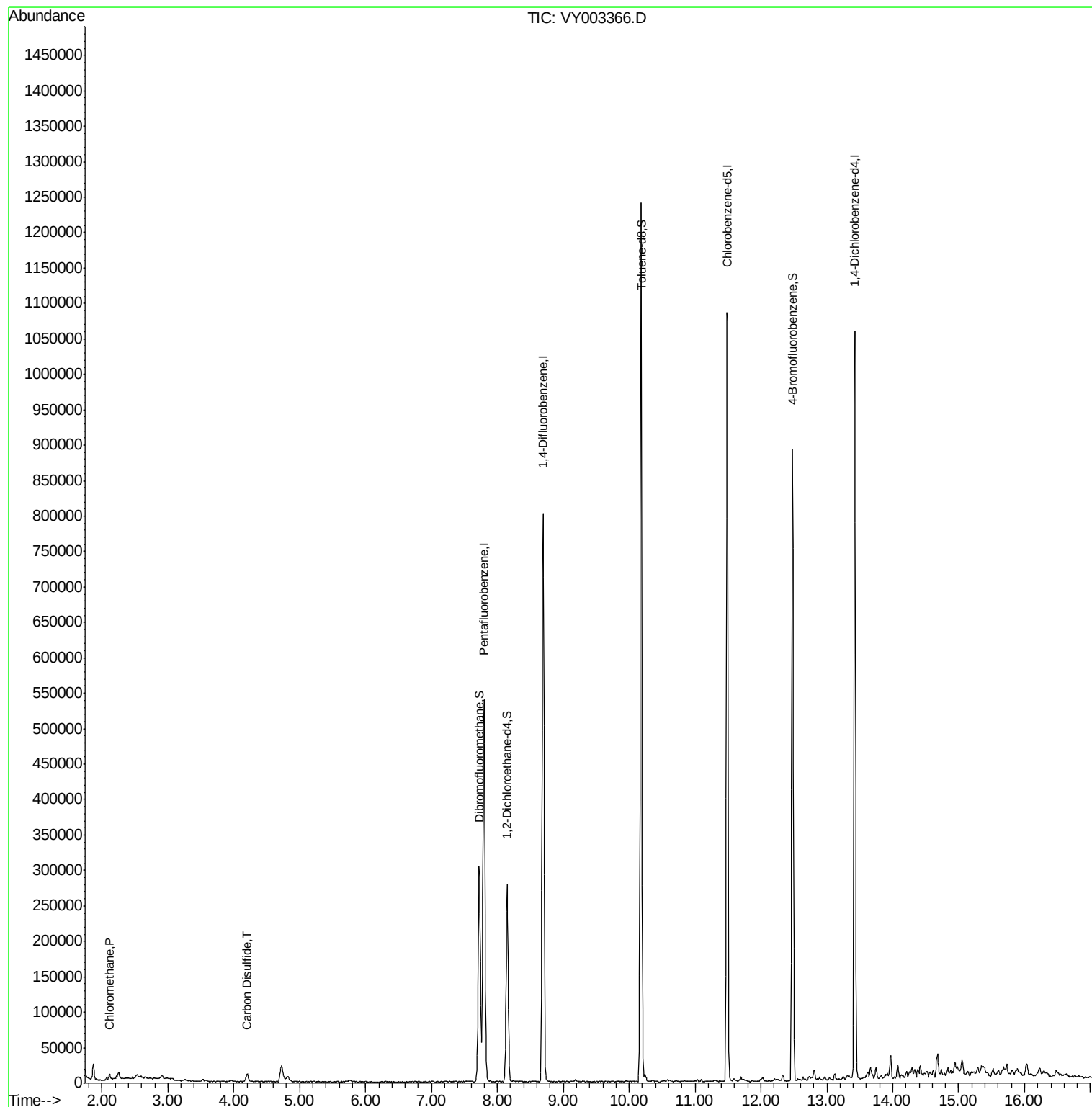
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	434990	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	680863	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	616132	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	271765	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	220353	60.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.04%	
35) Dibromofluoromethane	7.72	113	209869	53.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.12%	
50) Toluene-d8	10.18	98	821159	56.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.74%	
62) 4-Bromofluorobenzene	12.48	95	256999	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
Target Compounds						
3) Chloromethane	2.12	50	5186	1.199	ug/l	90
17) Carbon Disulfide	4.21	76	20896	1.881	ug/l	98

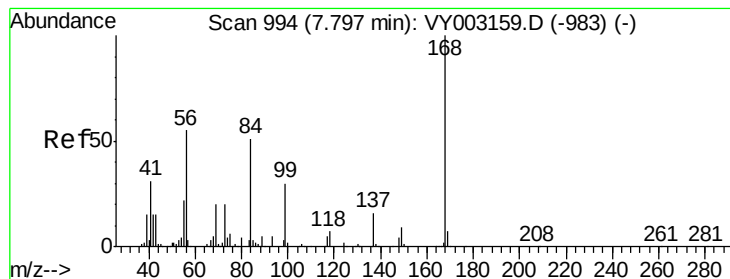
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003366.D

Acq: 27 Jul 2020 19:27

Instrument :

MSVOA_Y

ClientSampleId :

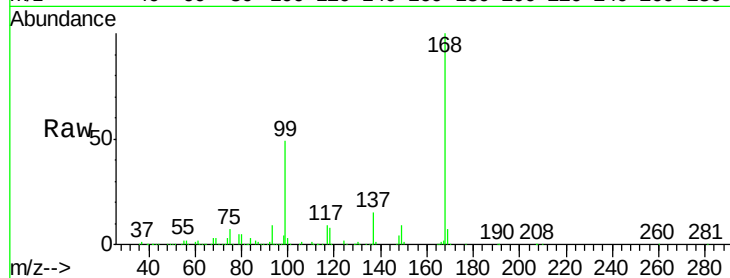
FK-GF-02-059-B

Tot Ion:168 Resp: 434990

Ion Ratio Lower Upper

168 100

99 49.4 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003366.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003366.D (-945) (-)

7.80

200000

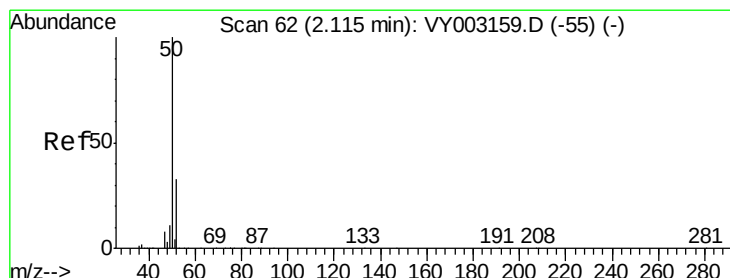
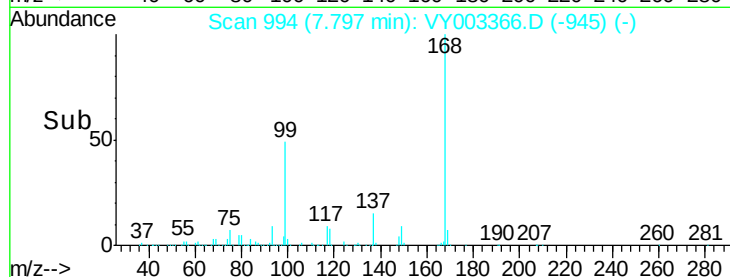
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 1.199 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003366.D

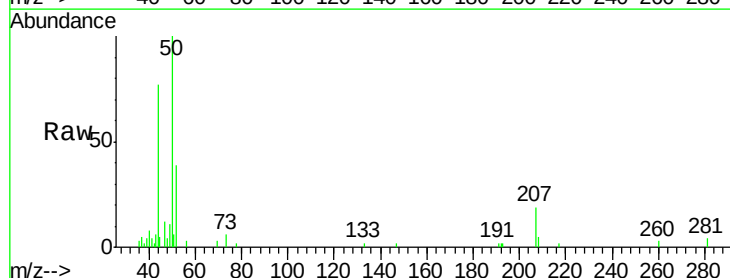
Acq: 27 Jul 2020 19:27

Tgt Ion: 50 Resp: 5186

Ion Ratio Lower Upper

50 100

52 38.9 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VY003366.D (-13) (-)

Ion 51.90 (51.60 to 52.60): VY003366.D (-13) (-)

2.12

4000

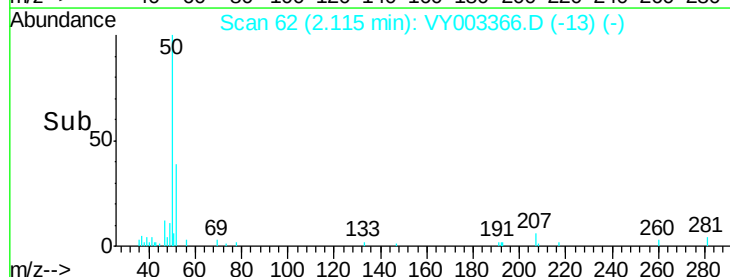
3000

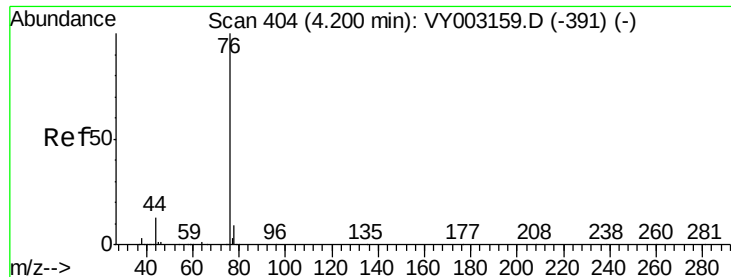
2000

1000

0

Time-->





#17

Carbon Disulfide

Concen: 1.881 ug/l

RT: 4.21 min Scan# 405

Delta R.T. 0.01 min

Lab File: VY003366.D

Acq: 27 Jul 2020 19:27

Instrument :

MSVOA_Y

ClientSampleId :

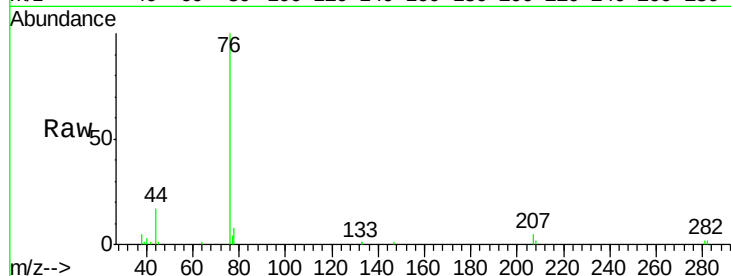
FK-GF-02-059-B

Tot Ion: 76 Resp: 20896

Ion Ratio Lower Upper

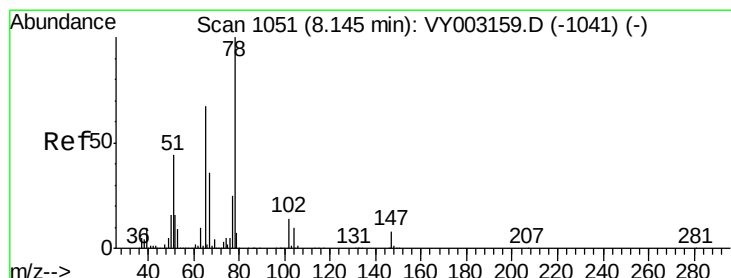
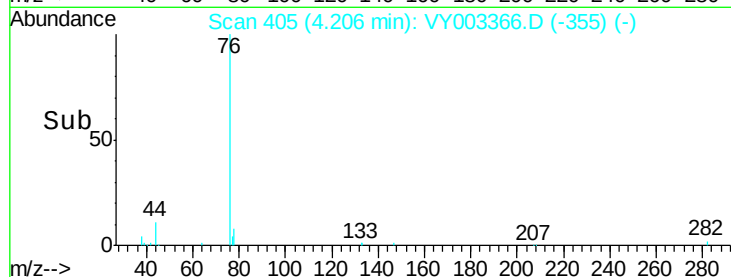
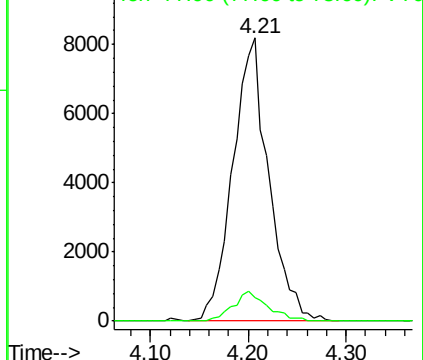
76 100

78 8.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#33

1,2-Dichloroethane-d4

Concen: 60.018 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY003366.D

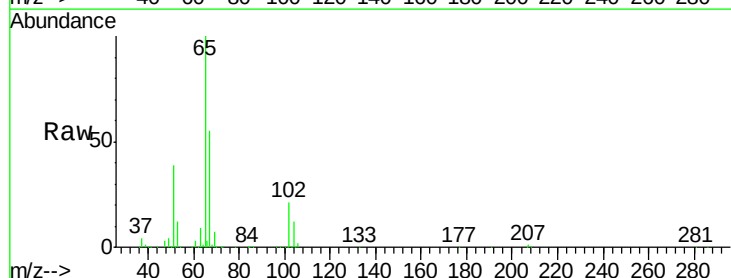
Acq: 27 Jul 2020 19:27

Tgt Ion: 65 Resp: 220353

Ion Ratio Lower Upper

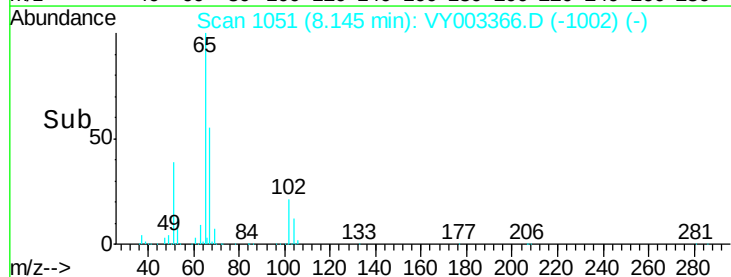
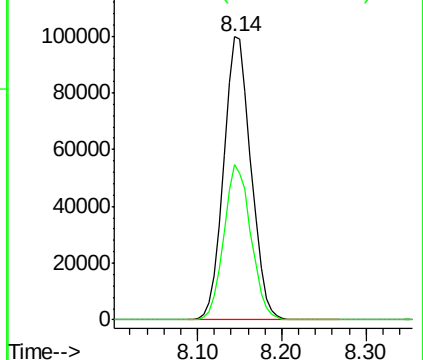
65 100

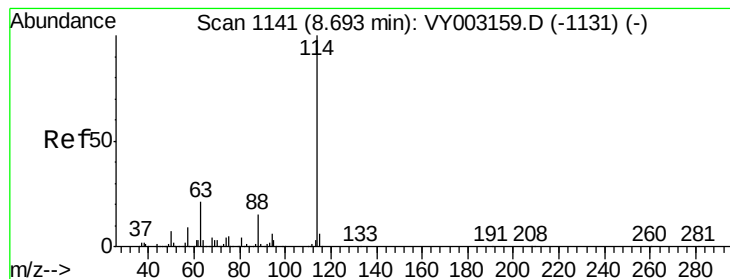
67 54.4 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY003366.D

Acq: 27 Jul 2020 19:27

Instrument :

MSVOA_Y

ClientSampleId :

FK-GF-02-059-B

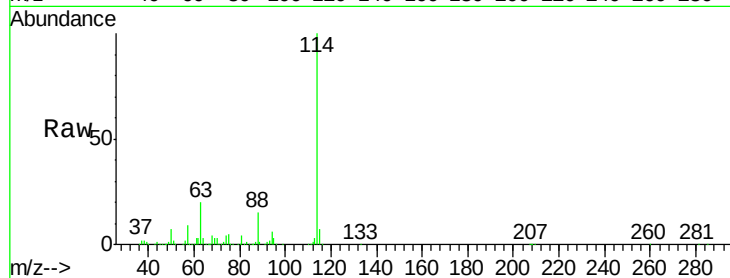
Tot Ion:114 Resp: 680863

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.2

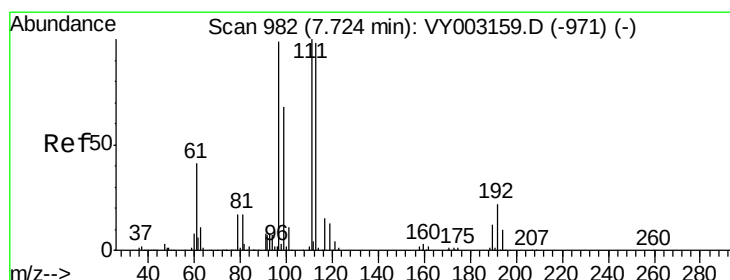
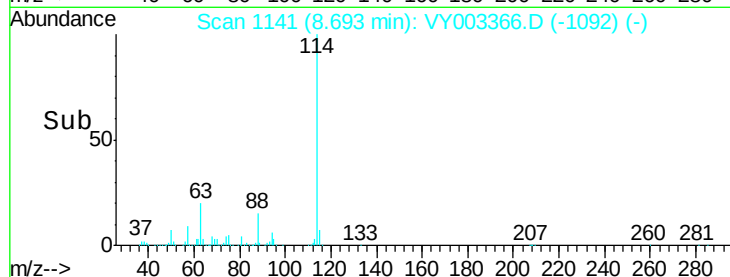
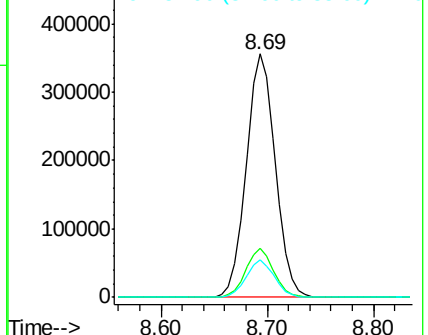
88 15.2 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 53.563 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003366.D

Acq: 27 Jul 2020 19:27

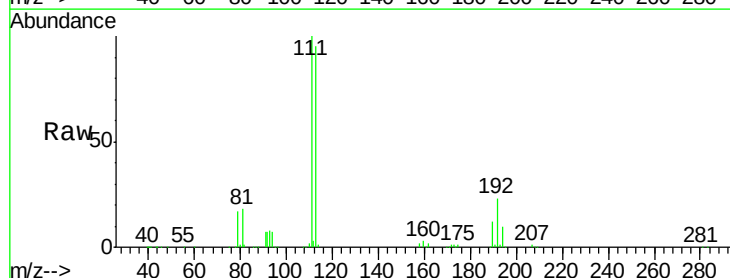
Tgt Ion:113 Resp: 209869

Ion Ratio Lower Upper

113 100

111 103.5 82.1 123.1

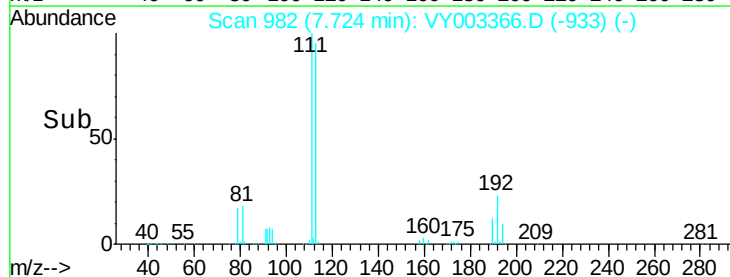
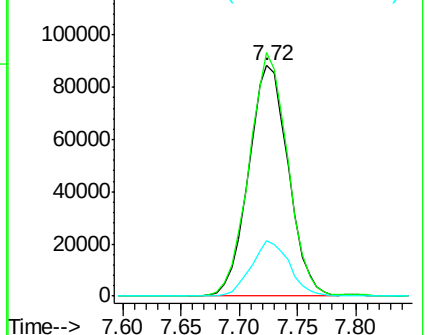
192 23.3 18.8 28.2

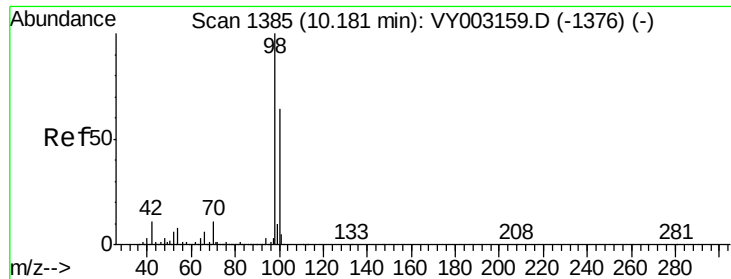


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 56.370 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003366.D

Acq: 27 Jul 2020 19:27

Instrument :

MSVOA_Y

ClientSampleId :

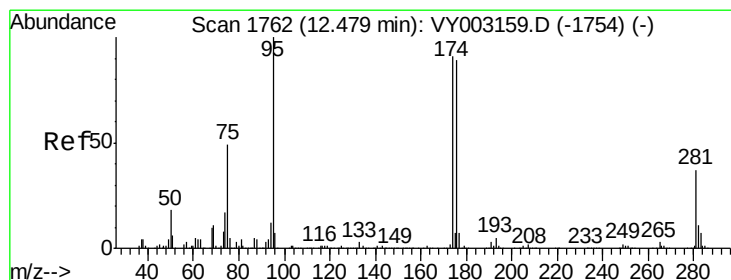
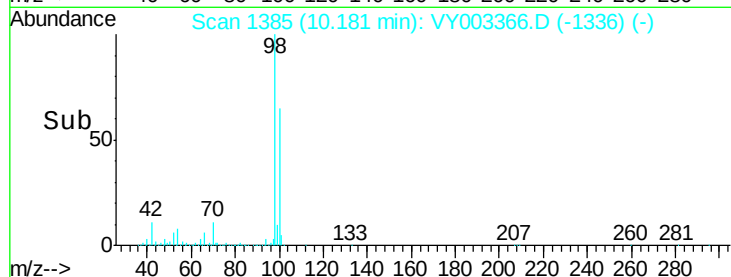
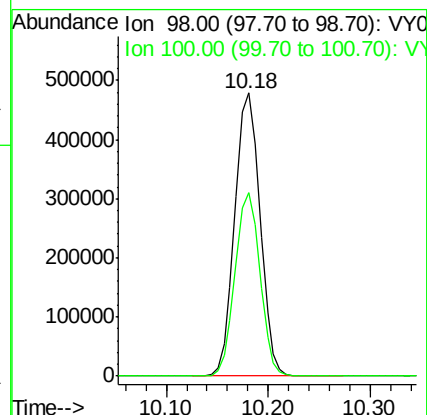
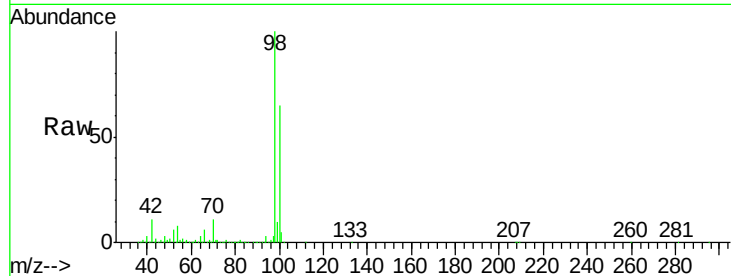
FK-GF-02-059-B

Tot Ion: 98 Resp: 821159

Ion Ratio Lower Upper

98 100

100 63.8 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 48.835 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003366.D

Acq: 27 Jul 2020 19:27

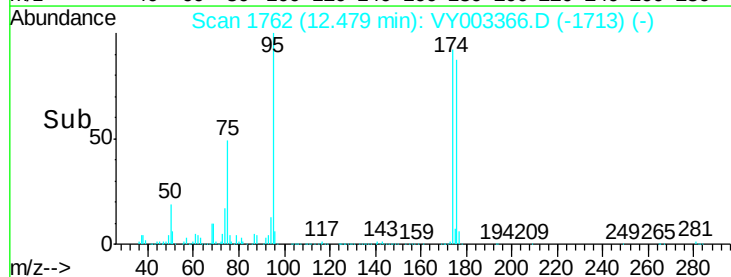
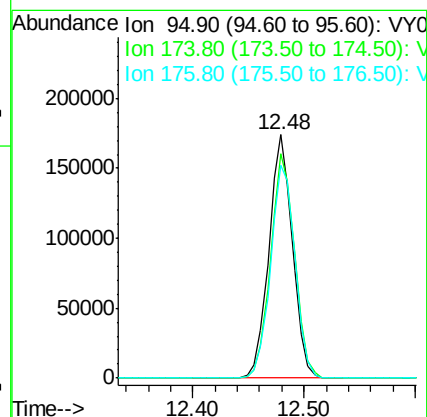
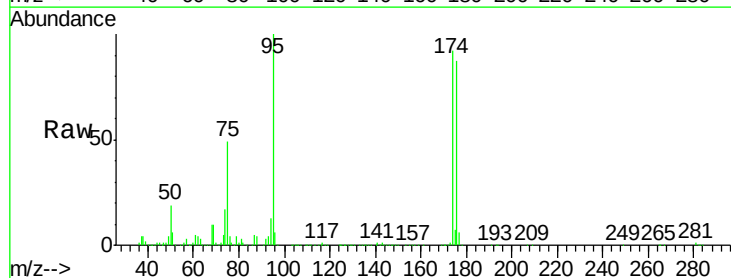
Tgt Ion: 95 Resp: 256999

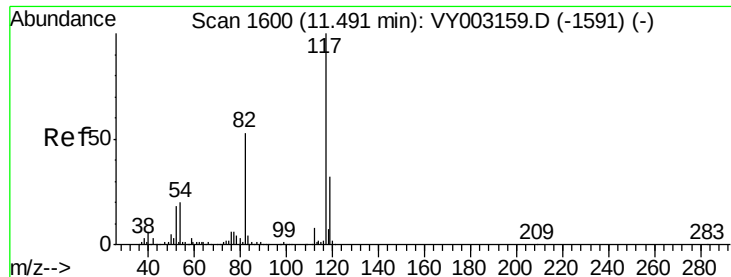
Ion Ratio Lower Upper

95 100

174 93.9 0.0 190.6

176 90.4 0.0 186.4

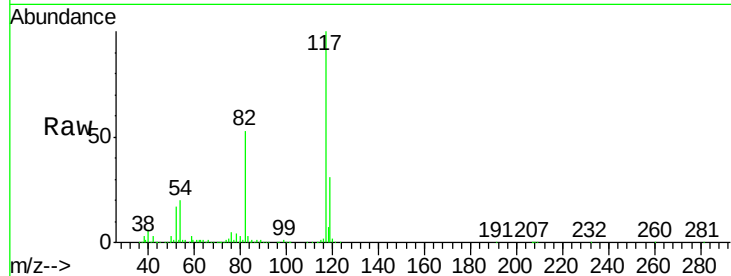




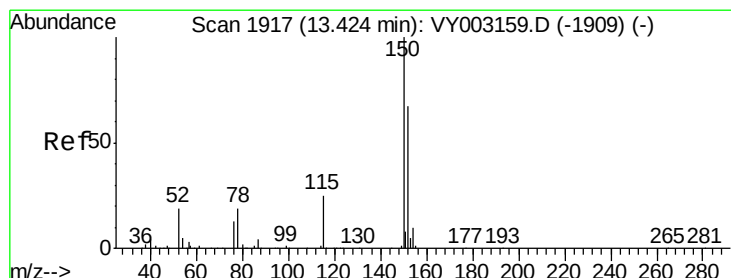
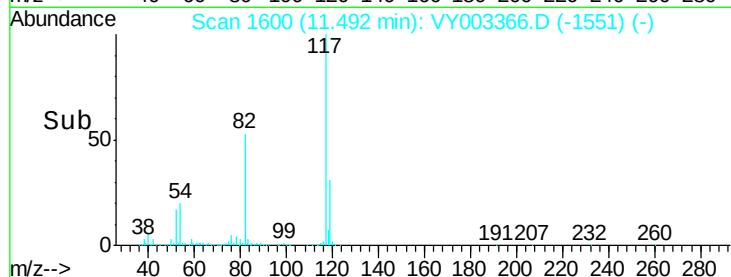
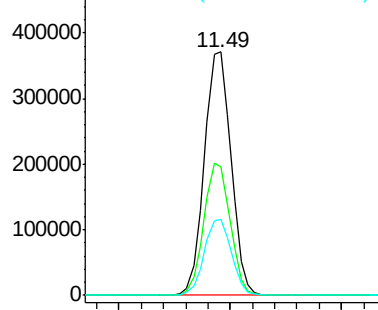
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003366.D
Acq: 27 Jul 2020 19:27

Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-02-059-B

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.0	63.0
119	31.4	25.5	38.3

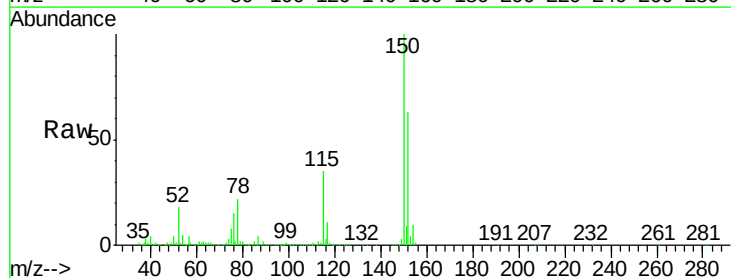


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003366.D
Acq: 27 Jul 2020 19:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	26.9	80.7
150	156.7	0.0	338.0



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

