

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072720\
 Data File : VY003363.D
 Acq On : 27 Jul 2020 18:15
 Operator : SY/MD
 Sample : L3451-04
 Misc : 8.33G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-03-015-B

Quant Time: Jul 28 05:40:32 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

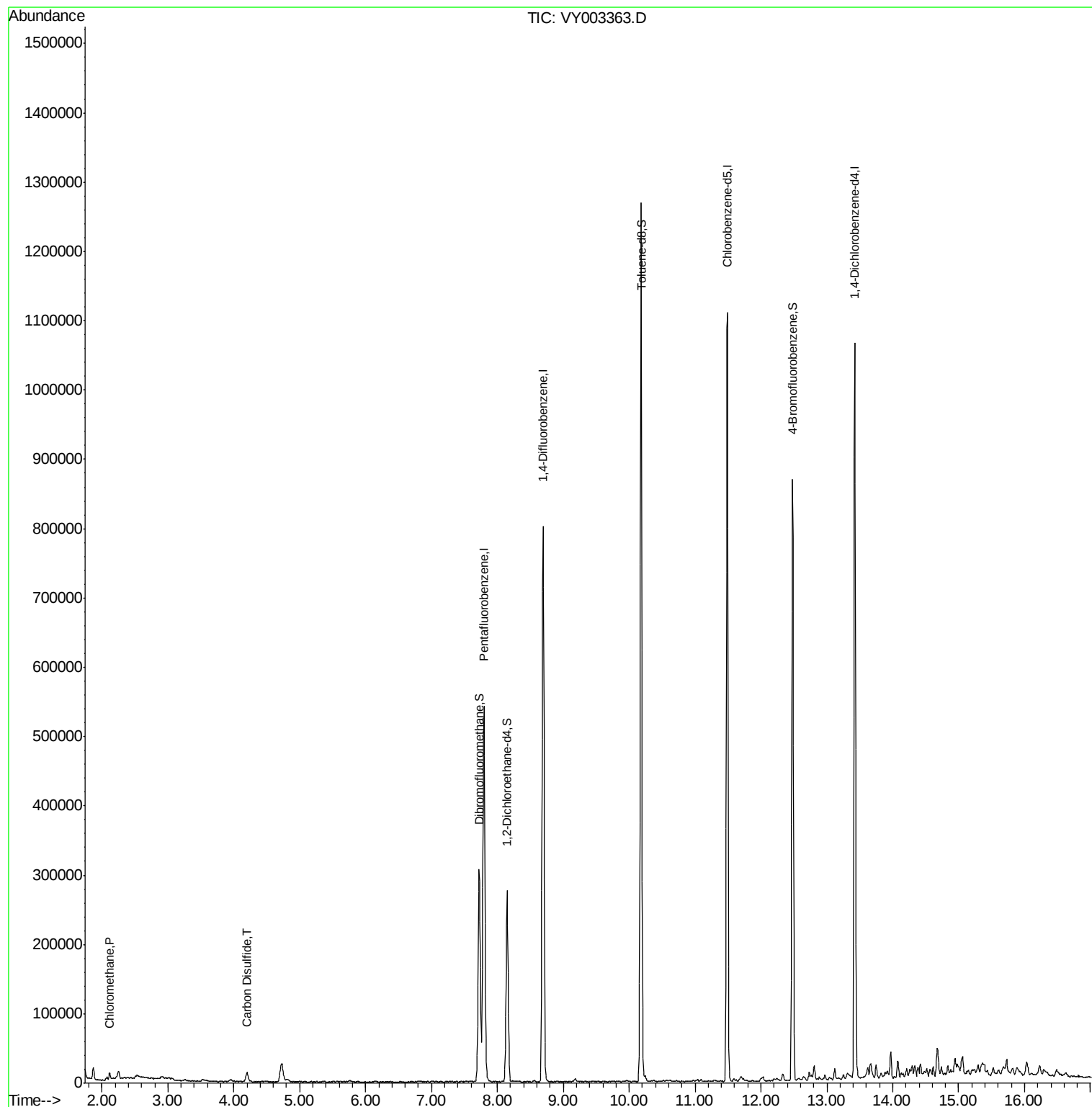
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	436968	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	679502	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	616968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	272272	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	215600	58.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.92%	
35) Dibromofluoromethane	7.72	113	214113	54.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.52%	
50) Toluene-d8	10.18	98	825372	56.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.54%	
62) 4-Bromofluorobenzene	12.48	95	252612	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.20%	
Target Compounds						
3) Chloromethane	2.12	50	7126	1.640	ug/l #	84
17) Carbon Disulfide	4.20	76	25737	2.307	ug/l	100

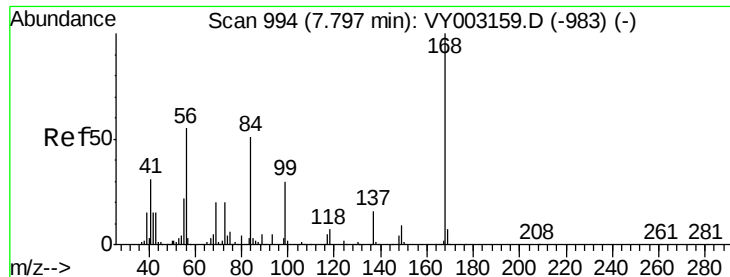
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003363.D

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MSVOA_Y

ClientSampleId :

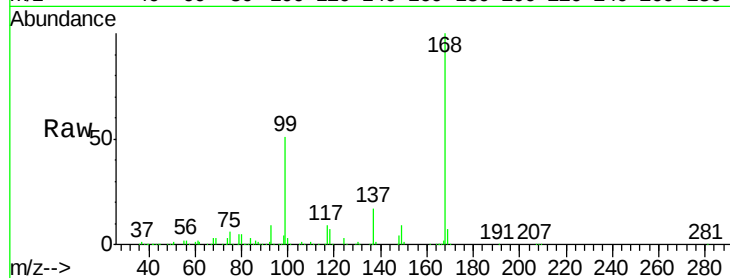
FK-GF-03-015-B

Tot Ion:168 Resp: 436968

Ion Ratio Lower Upper

168 100

99 51.4 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003363.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003363.D (-945) (-)

7.80

200000

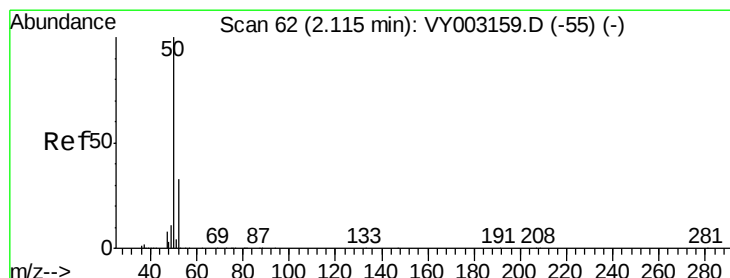
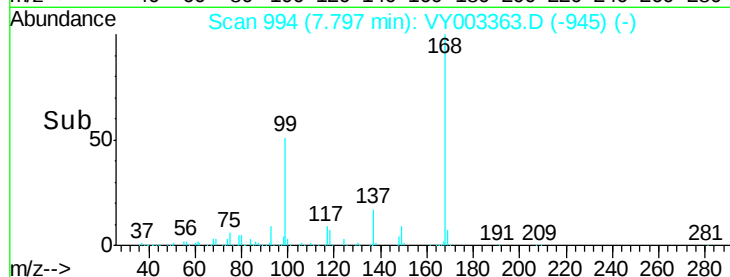
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 1.640 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003363.D

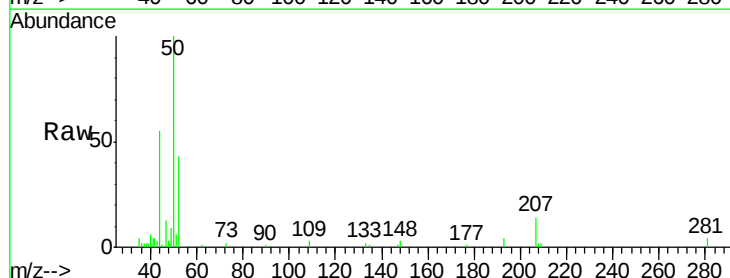
Acq: 27 Jul 2020 18:15

Tgt Ion: 50 Resp: 7126

Ion Ratio Lower Upper

50 100

52 42.5 26.6 39.8#



Abundance Ion 49.90 (49.60 to 50.60): VY003363.D (-13) (-)

Ion 51.90 (51.60 to 52.60): VY003363.D (-13) (-)

2.12

5000

4000

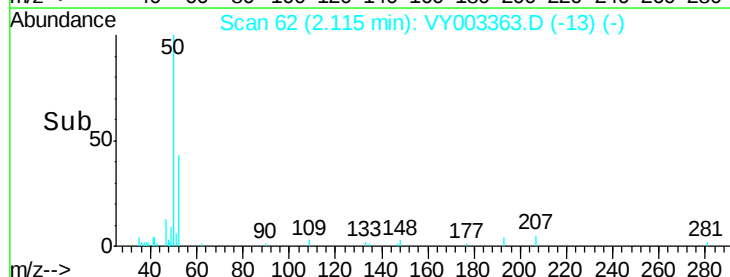
3000

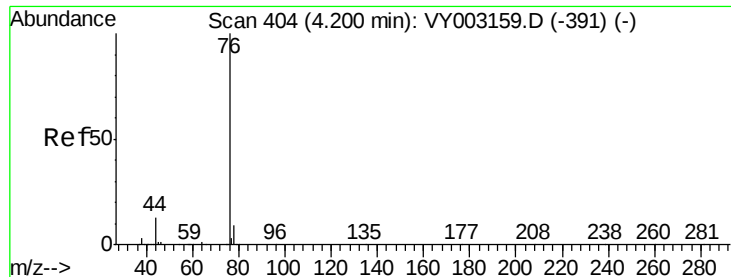
2000

1000

0

Time-->





#17

Carbon Disulfide

Concen: 2.307 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003363.D

Acq: 27 Jul 2020 18:15

Instrument :

MSVOA_Y

ClientSampleId :

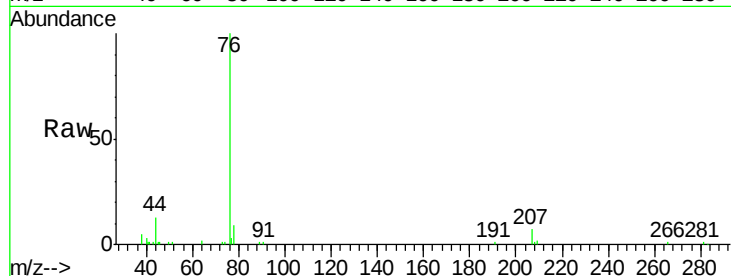
FK-GF-03-015-B

Tot Ion: 76 Resp: 25737

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.20

12000

10000

8000

6000

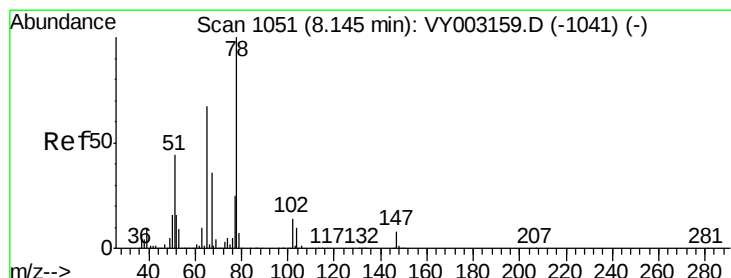
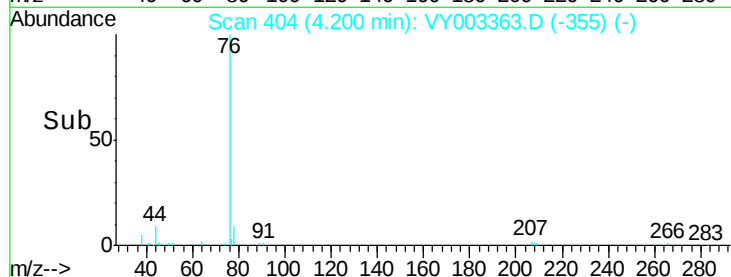
4000

2000

0

Time-->

4.10 4.20 4.30



#33

1,2-Dichloroethane-d4

Concen: 58.457 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VY003363.D

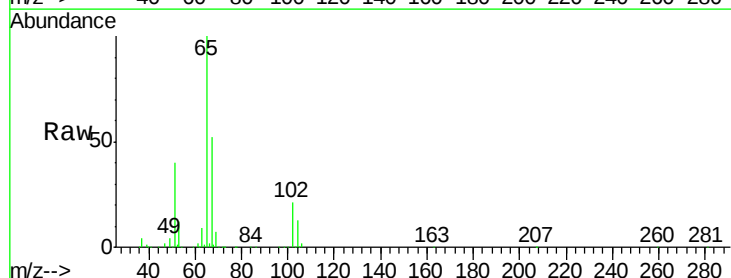
Acq: 27 Jul 2020 18:15

Tgt Ion: 65 Resp: 215600

Ion Ratio Lower Upper

65 100

67 53.8 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.14

100000

80000

60000

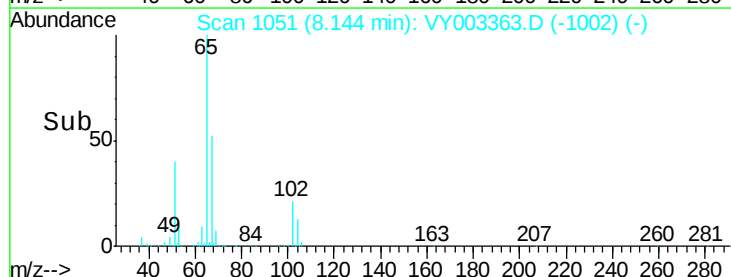
40000

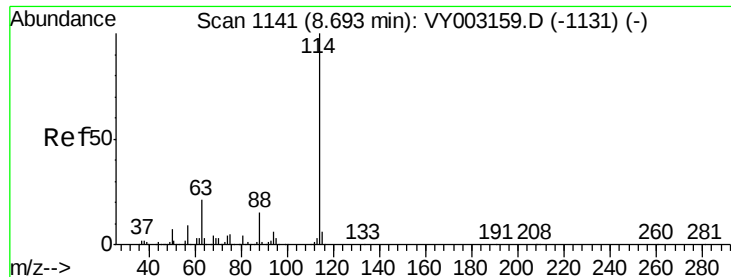
20000

0

Time-->

8.10 8.20

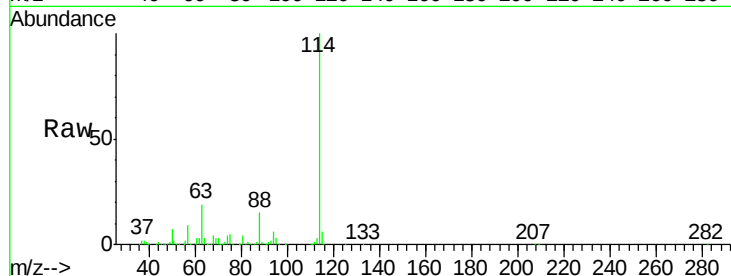




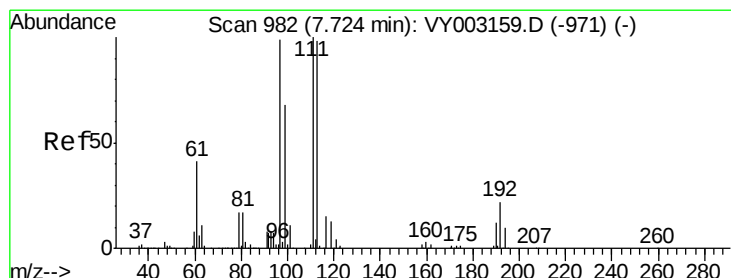
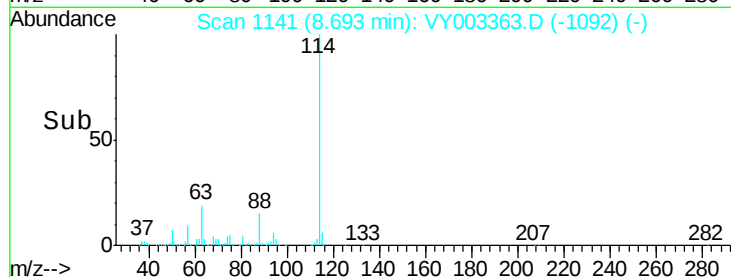
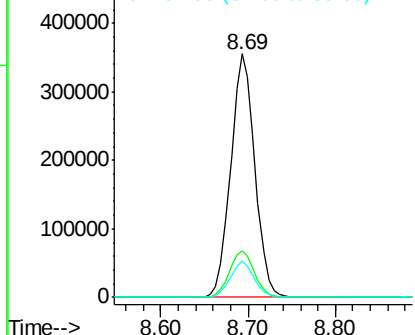
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003363.D
 Acq: 27 Jul 2020 18:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-03-015-B

Tot Ion:114 Resp: 679502
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 41.2
 88 15.0 0.0 30.2

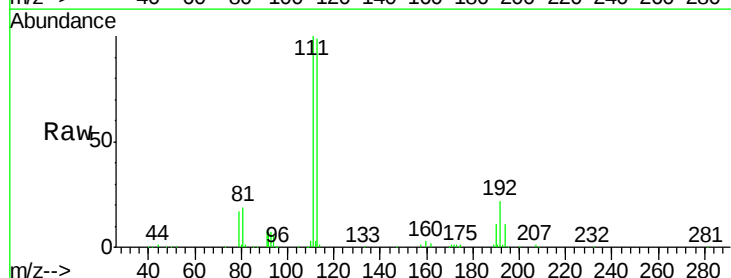


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

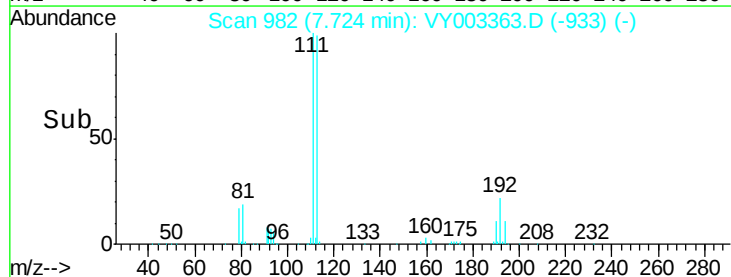
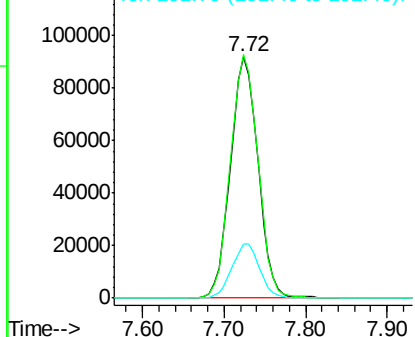


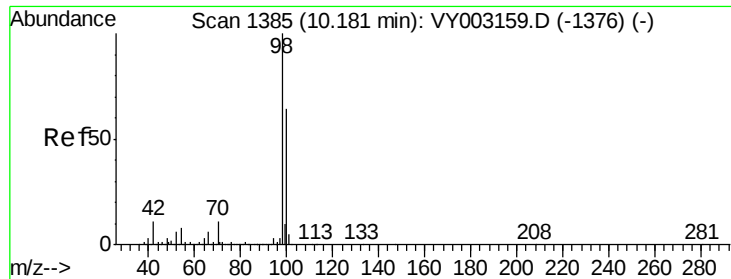
#35
 Dibromofluoromethane
 Concen: 54.755 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003363.D
 Acq: 27 Jul 2020 18:15

Tgt Ion:113 Resp: 214113
 Ion Ratio Lower Upper
 113 100
 111 101.2 82.1 123.1
 192 22.5 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: 56.773 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003363.D

Acq: 27 Jul 2020 18:15

Instrument :

MSVOA_Y

ClientSampleId :

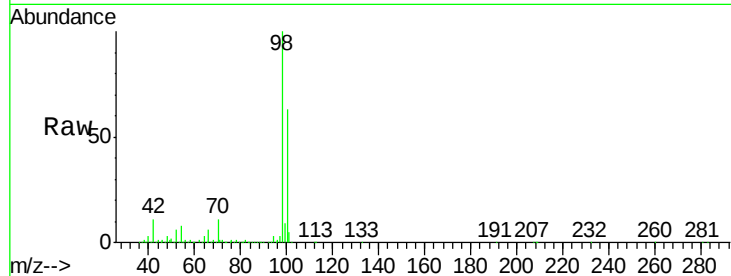
FK-GF-03-015-B

Tot Ion: 98 Resp: 825372

Ion Ratio Lower Upper

98 100

100 63.3 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY003363.D (-1376) (-)

Ion 100.00 (99.70 to 100.70): VY003363.D (-1376) (-)

10.18

500000

400000

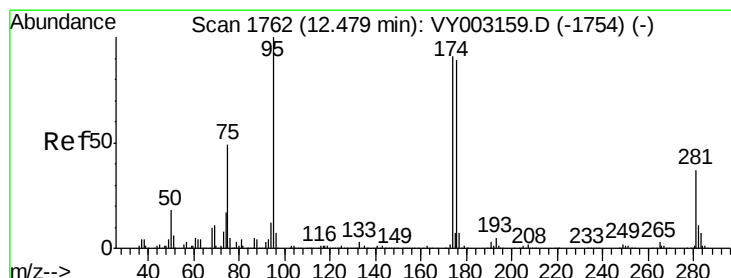
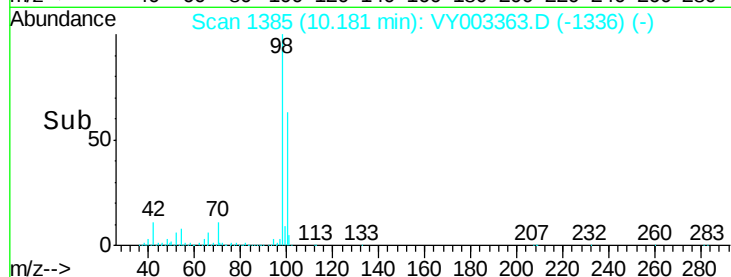
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.098 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003363.D

Acq: 27 Jul 2020 18:15

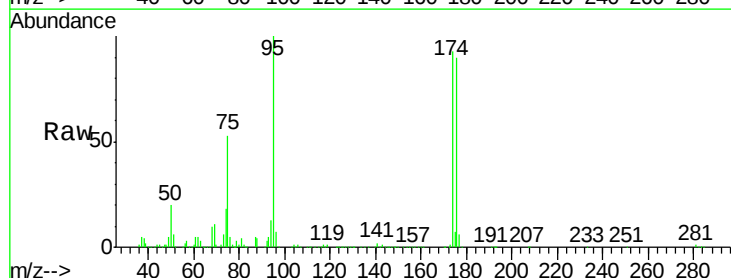
Tgt Ion: 95 Resp: 252612

Ion Ratio Lower Upper

95 100

174 94.9 0.0 190.6

176 92.0 0.0 186.4



Abundance Ion 94.90 (94.60 to 95.60): VY003363.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY003363.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY003363.D (-1713) (-)

12.48

200000

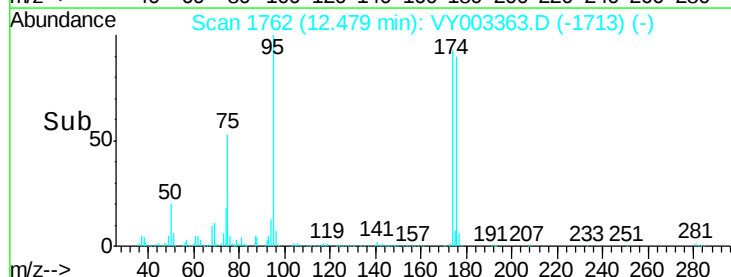
150000

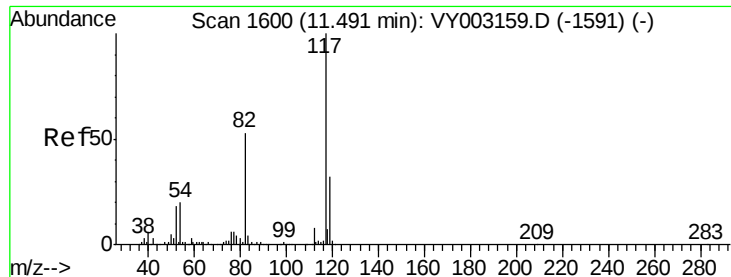
100000

50000

0

Time-->

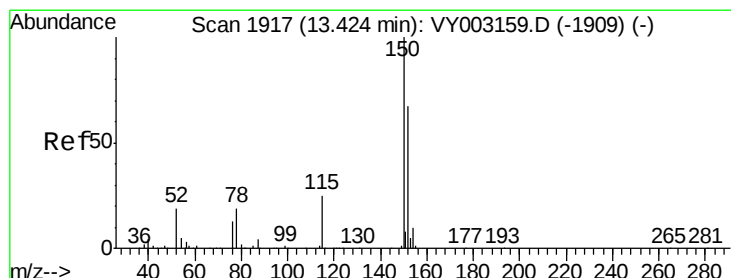
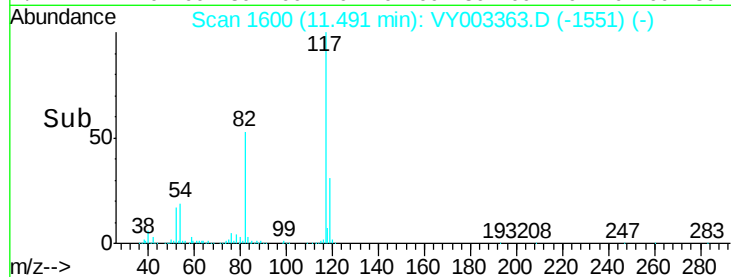
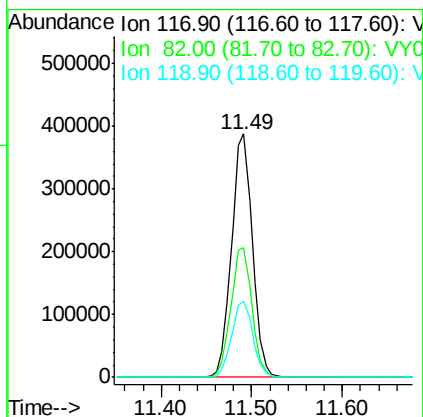
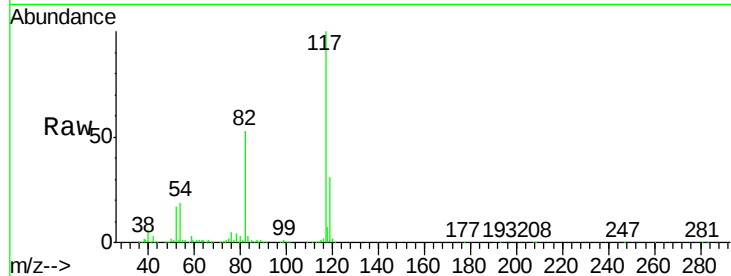




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003363.D
Acq: 27 Jul 2020 18:15

Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-03-015-B

Tot Ion:117 Resp: 616968
Ion Ratio Lower Upper
117 100
82 53.2 42.0 63.0
119 31.0 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: VY003363.D
Acq: 27 Jul 2020 18:15

Tgt Ion:152 Resp: 272272
Ion Ratio Lower Upper
152 100
115 54.8 26.9 80.7
150 157.3 0.0 338.0

