

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072720\
 Data File : VY003362.D
 Acq On : 27 Jul 2020 17:51
 Operator : SY/MD
 Sample : L3451-02
 Misc : 6.91G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jul 28 05:38:17 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

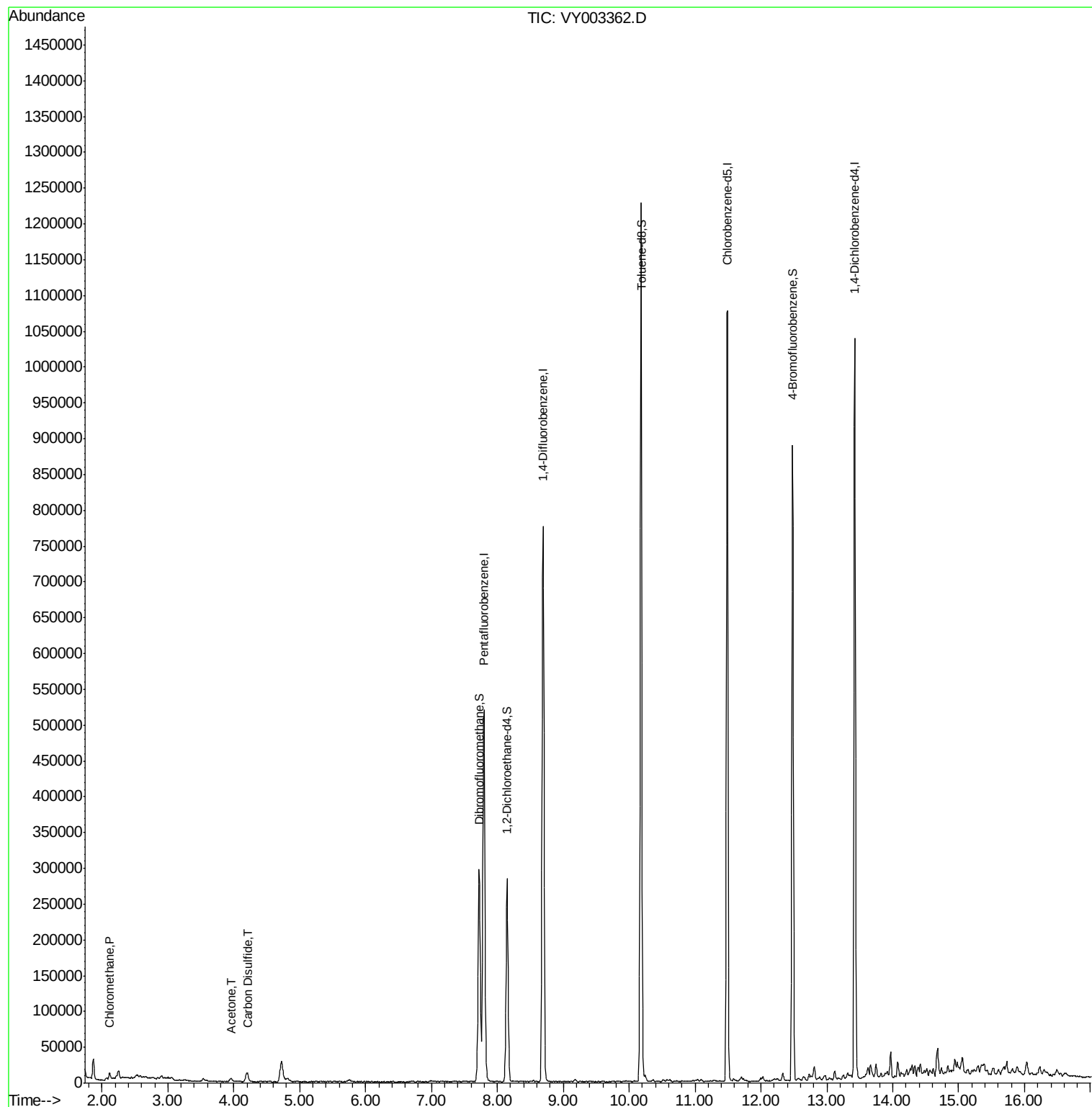
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	426008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	673135	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	604913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	265644	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	218632	60.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.60%	
35) Dibromofluoromethane	7.72	113	207595	53.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.18%	
50) Toluene-d8	10.18	98	811805	56.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.74%	
62) 4-Bromofluorobenzene	12.48	95	249938	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.08%	
Target Compounds						
3) Chloromethane	2.12	50	8095	1.911	ug/l	93
16) Acetone	3.96	43	8493	10.574	ug/l	97
17) Carbon Disulfide	4.21	76	26368	2.424	ug/l	97

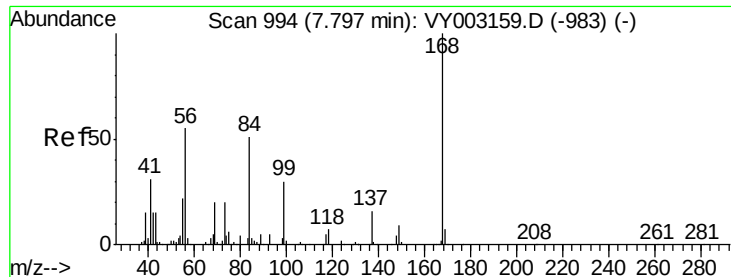
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072720\
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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: VY003362.D

Acq: 27 Jul 2020 17:51

Instrument :

MSVOA_Y

ClientSampleId :

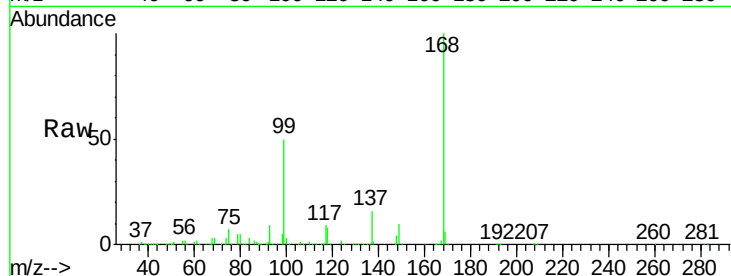
FK-GF-03-015-A

Tot Ion:168 Resp: 426008

Ion Ratio Lower Upper

168 100

99 49.9 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003362.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003362.D (-945) (-)

7.80

200000

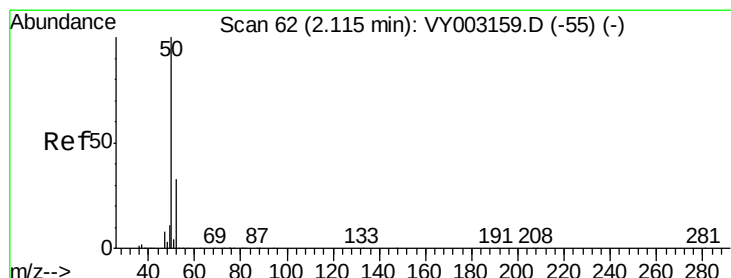
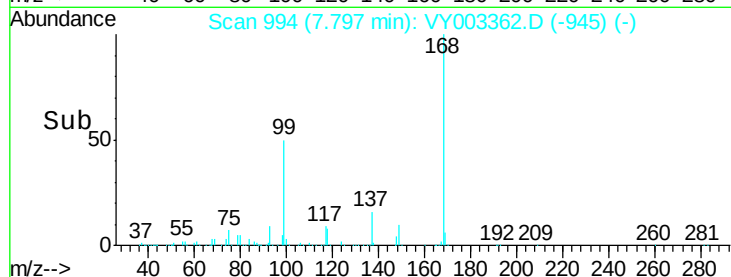
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 1.911 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003362.D

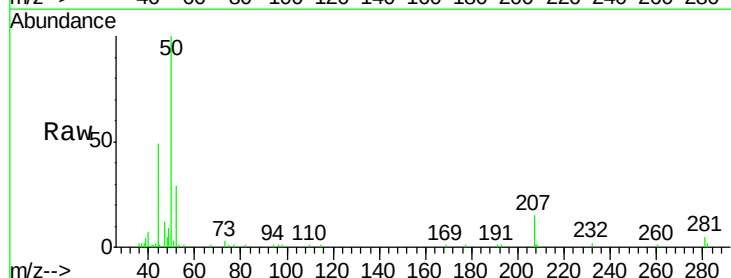
Acq: 27 Jul 2020 17:51

Tgt Ion: 50 Resp: 8095

Ion Ratio Lower Upper

50 100

52 29.0 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VY003362.D (-13) (-)

Ion 51.90 (51.60 to 52.60): VY003362.D (-13) (-)

2.12

6000

5000

4000

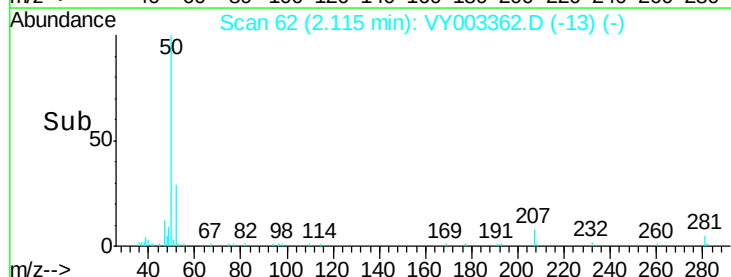
3000

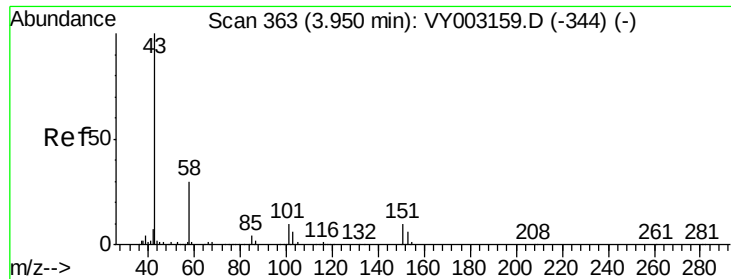
2000

1000

0

Time-->





#16

Acetone

Concen: 10.574 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003362.D

Acq: 27 Jul 2020 17:51

Instrument :

MSVOA_Y

ClientSampleId :

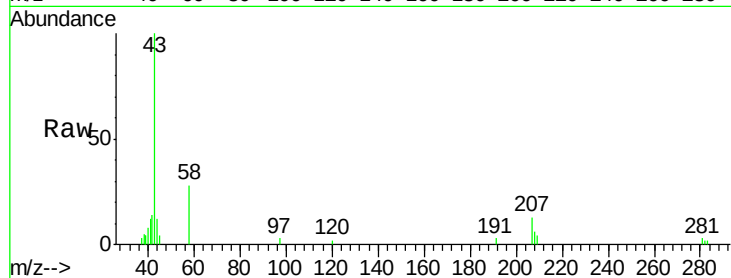
FK-GF-03-015-A

Tot Ion: 43 Resp: 8493

Ion Ratio Lower Upper

43 100

58 28.3 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3000

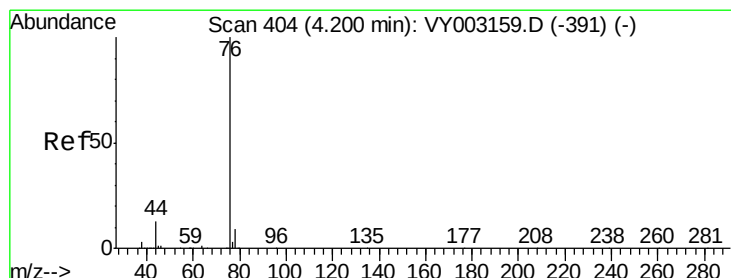
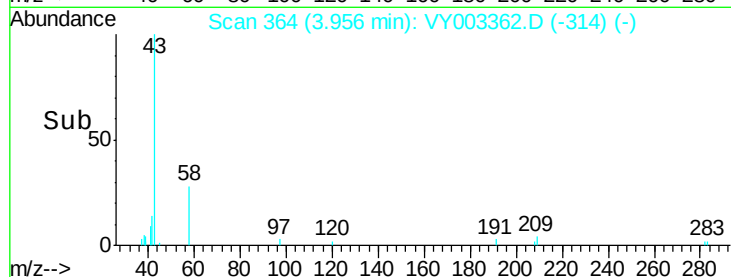
2000

1000

0

Time--> 3.80 3.90 4.00 4.10

3.96



#17

Carbon Disulfide

Concen: 2.424 ug/l

RT: 4.21 min Scan# 405

Delta R.T. 0.01 min

Lab File: VY003362.D

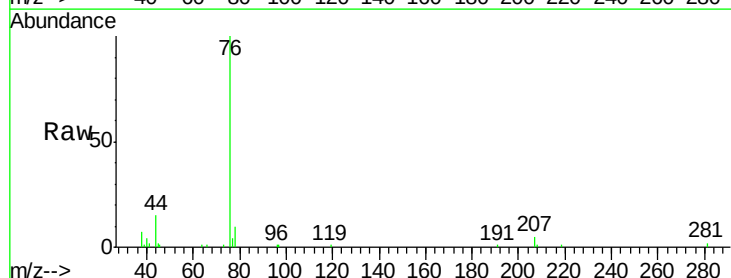
Acq: 27 Jul 2020 17:51

Tgt Ion: 76 Resp: 26368

Ion Ratio Lower Upper

76 100

78 10.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10000

8000

6000

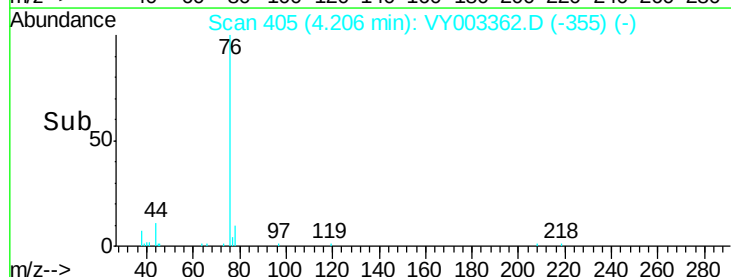
4000

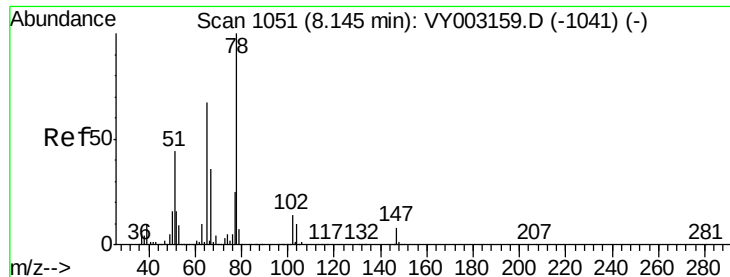
2000

0

Time--> 4.10 4.20 4.30

4.21

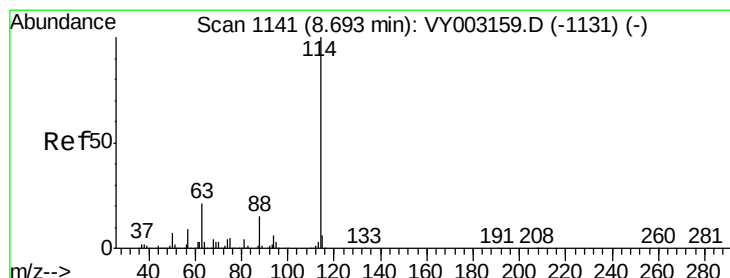
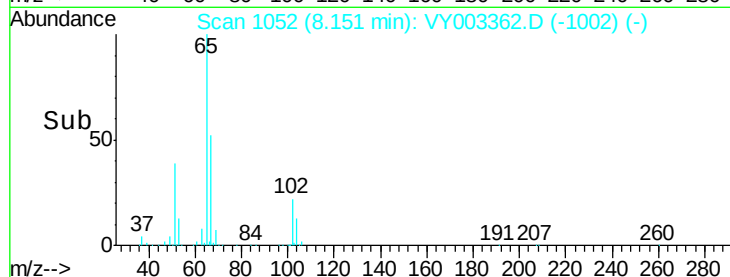
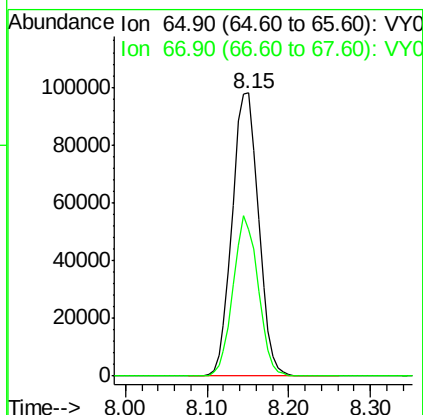
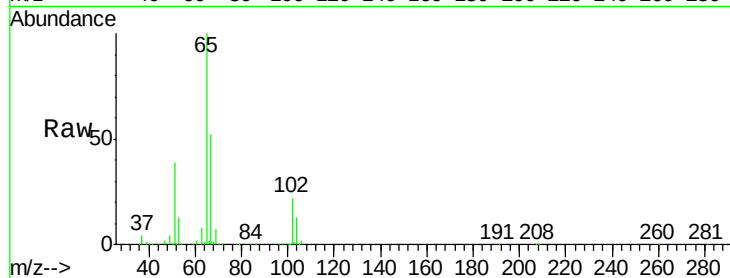




#33
 1,2-Dichloroethane-d4
 Concen: 60.805 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003362.D
 Acq: 27 Jul 2020 17:51

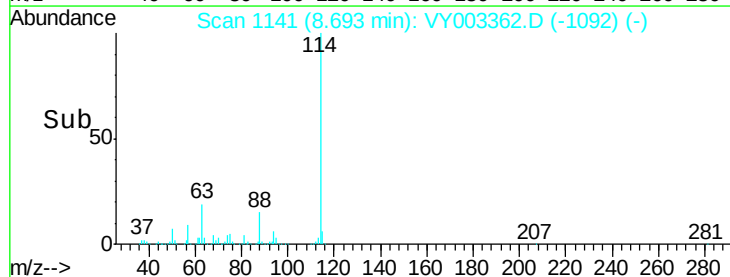
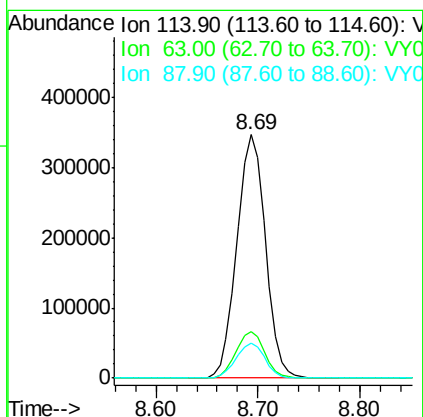
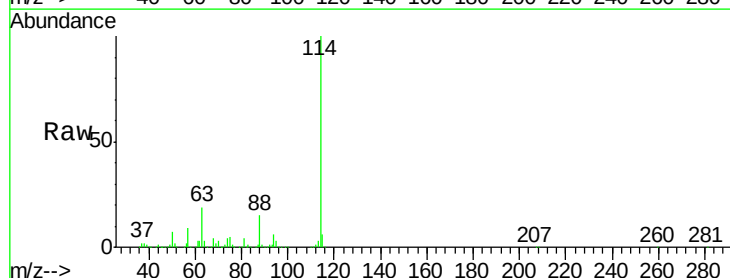
Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-03-015-A

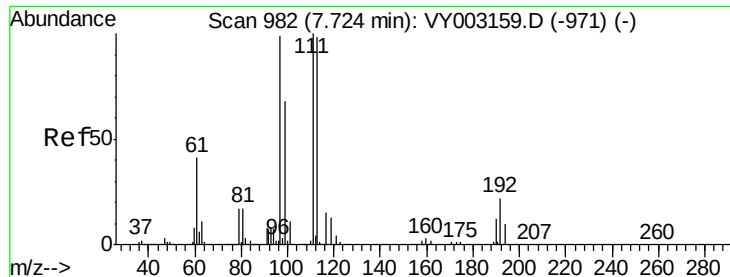
Tot Ion: 65 Resp: 218632
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003362.D
 Acq: 27 Jul 2020 17:51

Tgt Ion: 114 Resp: 673135
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 41.2
 88 14.6 0.0 30.2





#35

Dibromofluoromethane

Concen: 53.590 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003362.D

Acq: 27 Jul 2020 17:51

Instrument :

MSVOA_Y

ClientSampleId :

FK-GF-03-015-A

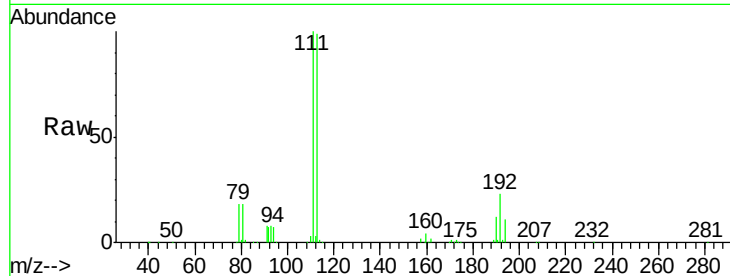
Tot Ion:113 Resp: 207595

Ion Ratio Lower Upper

113 100

111 102.6 82.1 123.1

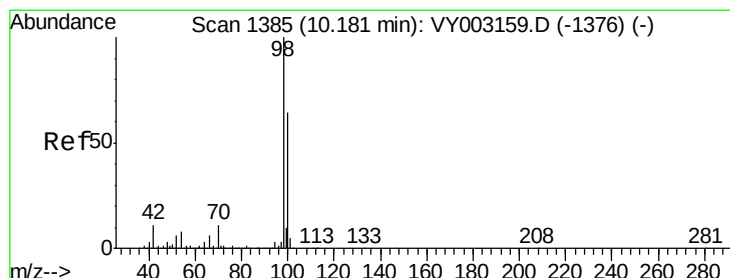
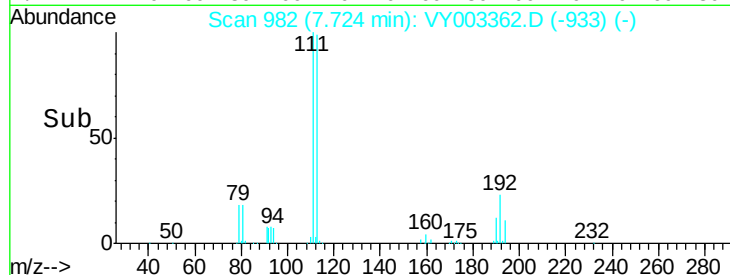
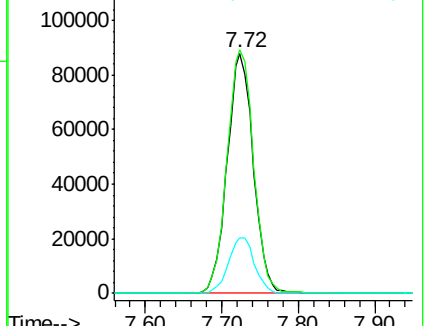
192 23.3 18.8 28.2



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: 56.368 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003362.D

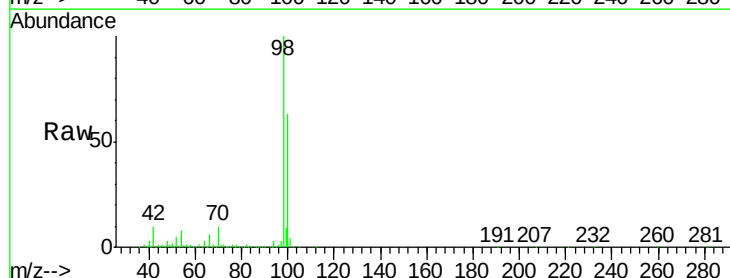
Acq: 27 Jul 2020 17:51

Tgt Ion: 98 Resp: 811805

Ion Ratio Lower Upper

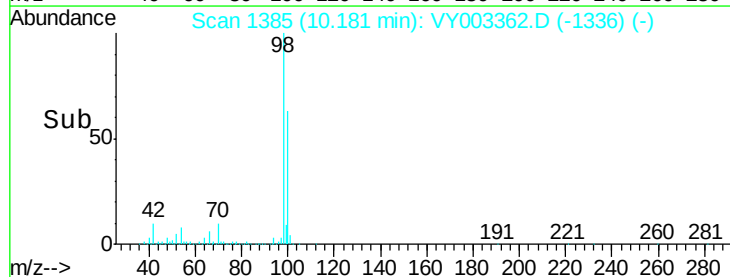
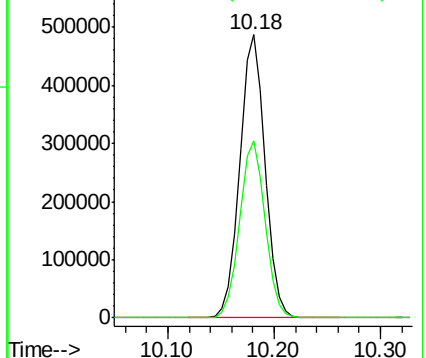
98 100

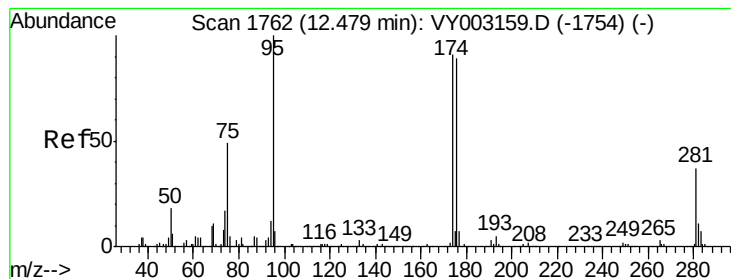
100 63.1 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 48.039 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003362.D

Acq: 27 Jul 2020 17:51

Instrument :

MSVOA_Y

ClientSampleId :

FK-GF-03-015-A

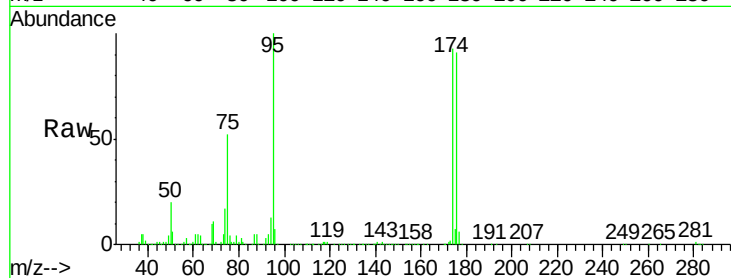
Tot Ion: 95 Resp: 249938

Ion Ratio Lower Upper

95 100

174 97.1 0.0 190.6

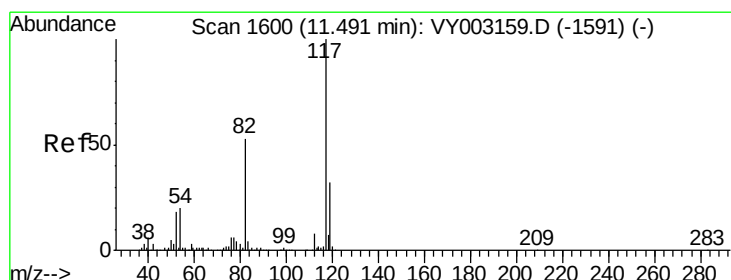
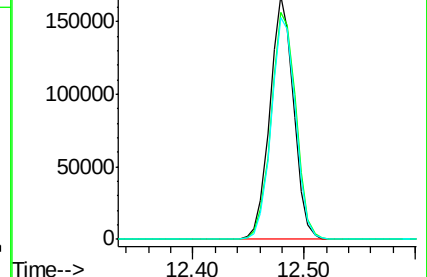
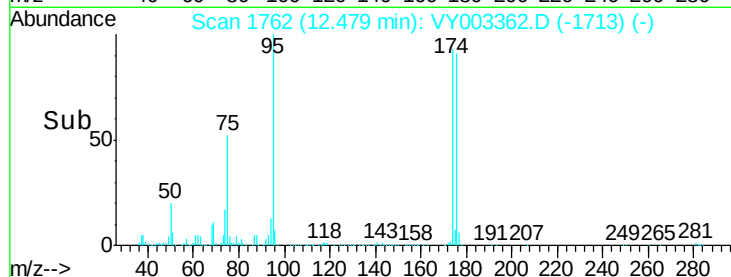
176 93.5 0.0 186.4



Abundance Ion 94.90 (94.60 to 95.60): VY003362.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY003362.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY003362.D (-1713) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003362.D

Acq: 27 Jul 2020 17:51

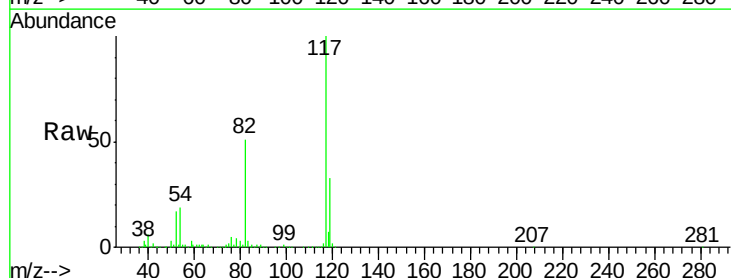
Tgt Ion: 117 Resp: 604913

Ion Ratio Lower Upper

117 100

82 50.6 42.0 63.0

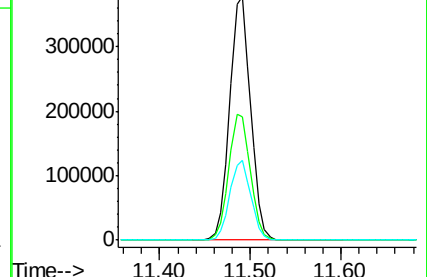
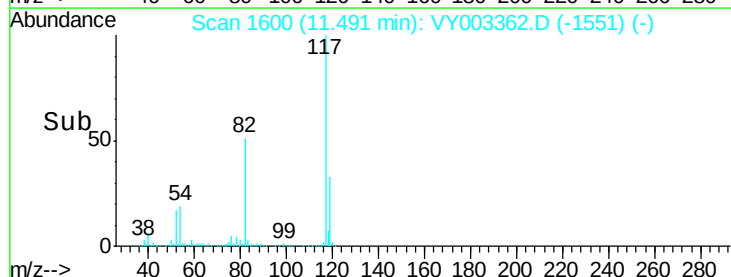
119 32.8 25.5 38.3

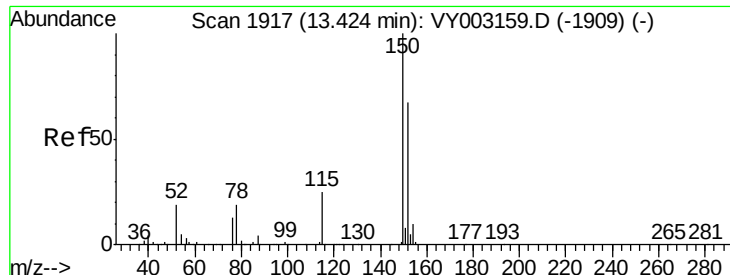


Abundance Ion 116.90 (116.60 to 117.60): VY003362.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY003362.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY003362.D (-1551) (-)



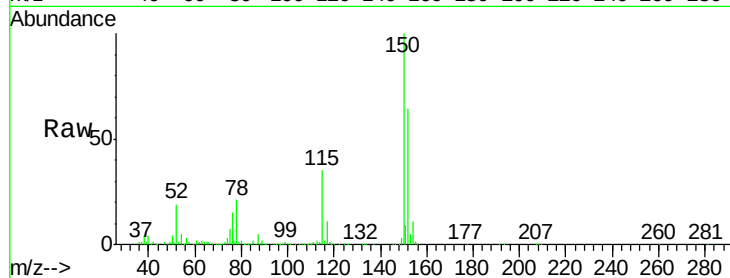


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: VY003362.D
 Acq: 27 Jul 2020 17:51

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

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.0	26.9	80.7
150	158.8	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

