

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070120\
 Data File : VY003071.D
 Acq On : 01 Jul 2020 20:10
 Operator : SY/MD
 Sample : L3172-27
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP11-SS

Quant Time: Jul 02 04:11:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

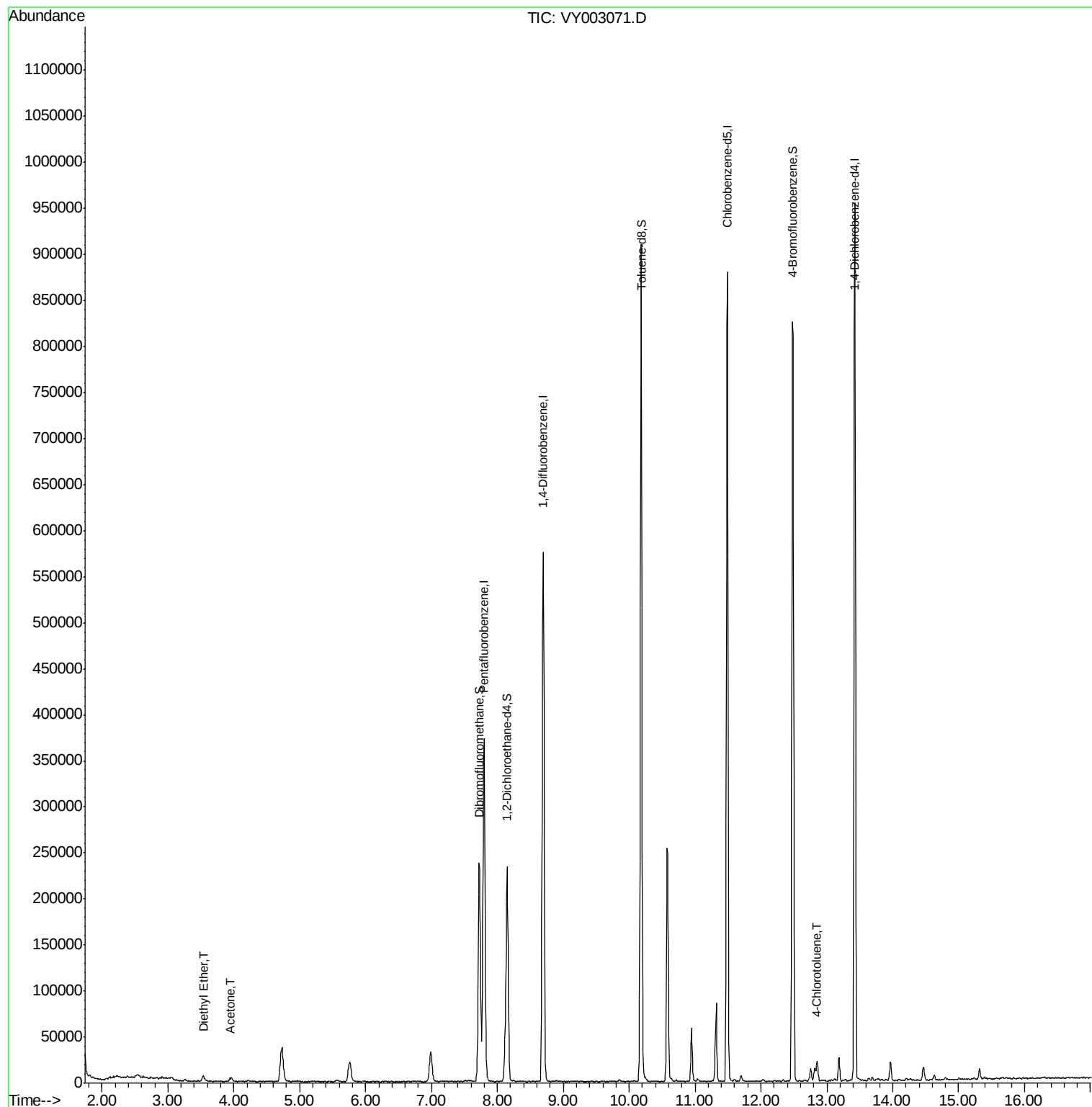
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	305543	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	496684	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	482182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	245552	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	171127	56.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.78%	
35) Dibromofluoromethane	7.72	113	165505	53.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.84%	
50) Toluene-d8	10.18	98	601860	52.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.28%	
62) 4-Bromofluorobenzene	12.48	95	216231	53.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.44%	
Target Compounds						
8) Diethyl Ether	3.55	74	4020	2.514	ug/l	96
16) Acetone	3.94	43	6742	9.420	ug/l	96
82) 4-Chlorotoluene	12.85	91	12052	1.073	ug/l	99

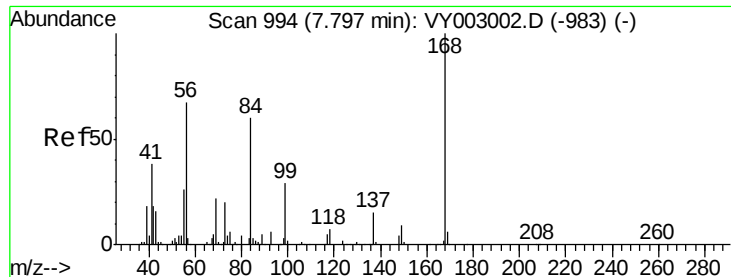
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070120\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003071.D

Acq: 01 Jul 2020 20:10

Instrument :

MSVOA_Y

ClientSampleId :

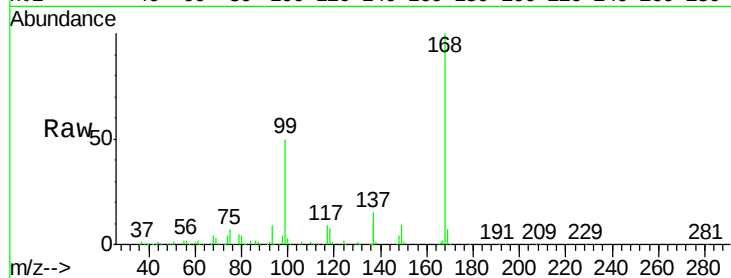
TP11-SS

Tot Ion:168 Resp: 305543

Ion Ratio Lower Upper

168 100

99 50.1 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003071.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003071.D (-945) (-)

7.80

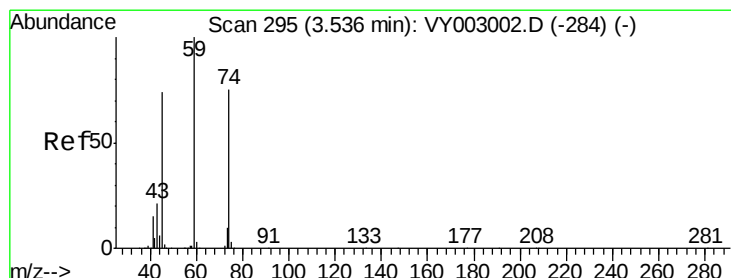
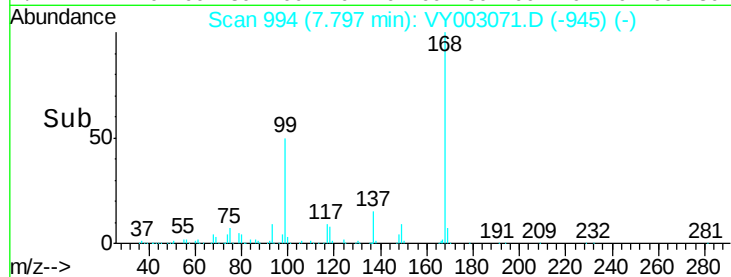
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 2.514 ug/l

RT: 3.55 min Scan# 297

Delta R.T. 0.01 min

Lab File: VY003071.D

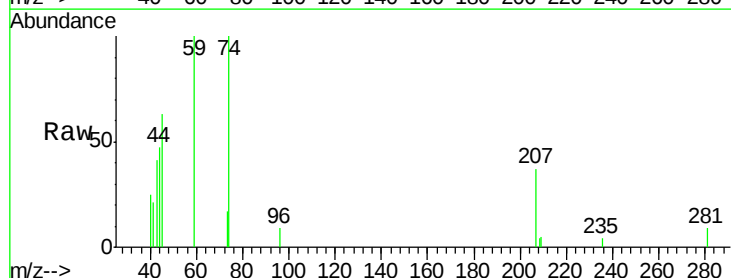
Acq: 01 Jul 2020 20:10

Tgt Ion: 74 Resp: 4020

Ion Ratio Lower Upper

74 100

45 94.9 49.3 147.9



Abundance Ion 74.00 (73.70 to 74.70): VY003071.D (-246) (-)

Ion 45.00 (44.70 to 45.70): VY003071.D (-246) (-)

3.55

2000

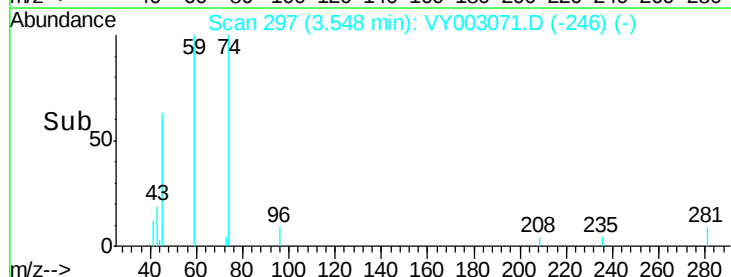
1500

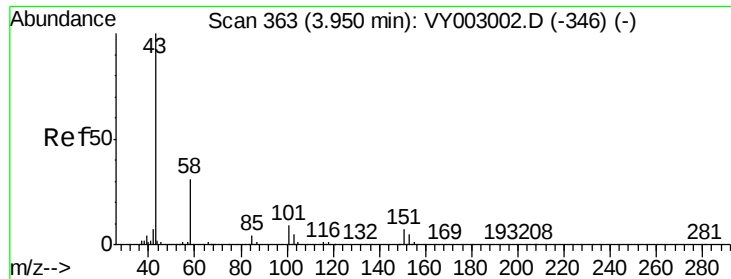
1000

500

0

Time-->

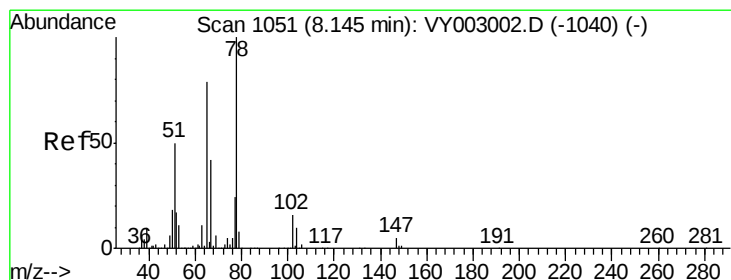
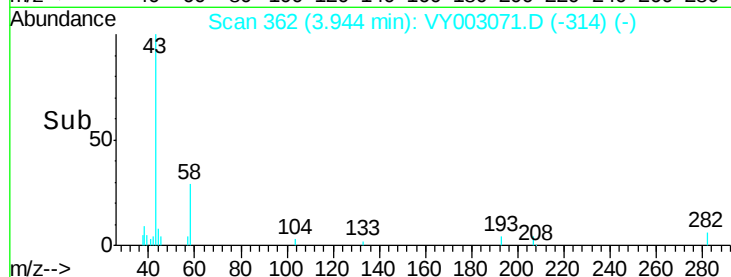
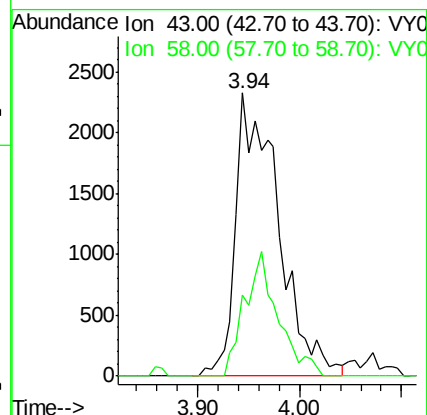
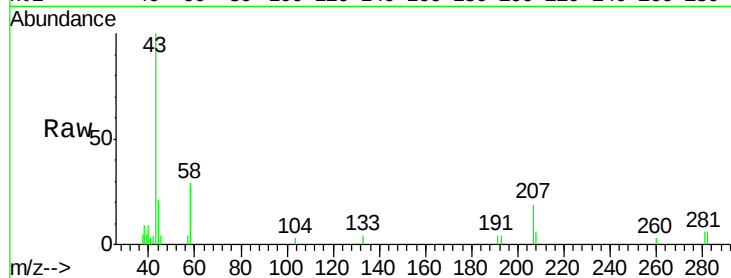




#16
Acetone
Concen: 9.420 ug/l
RT: 3.94 min Scan# 362
Delta R.T. -0.01 min
Lab File: VY003071.D
Acq: 01 Jul 2020 20:10

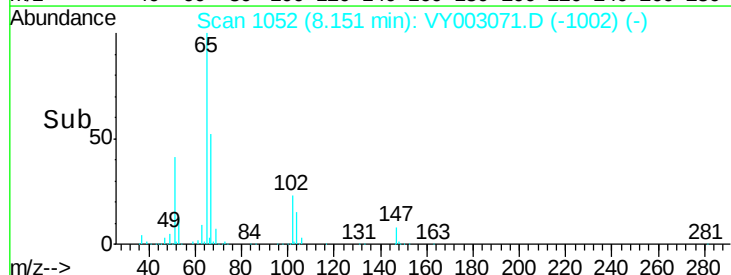
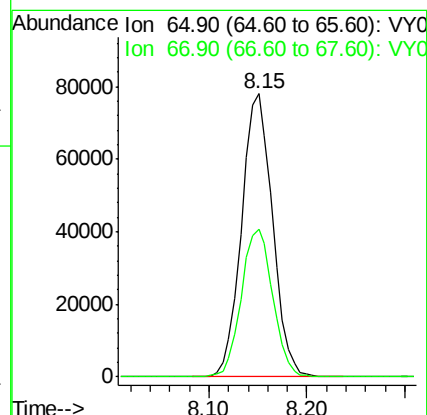
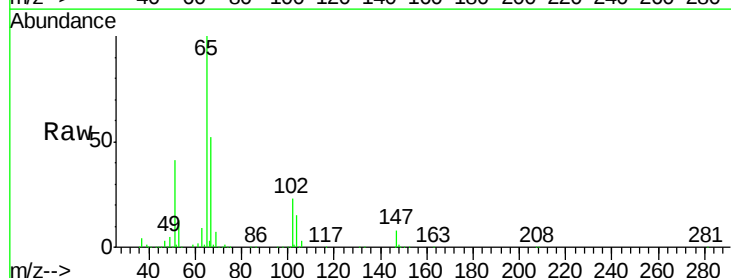
Instrument :
MSVOA_Y
ClientSampleId :
TP11-SS

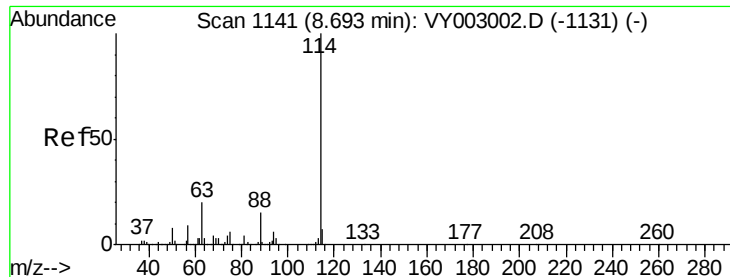
Tot Ion: 43 Resp: 6742
Ion Ratio Lower Upper
43 100
58 28.7 24.7 37.1



#33
1,2-Dichloroethane-d4
Concen: 56.391 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VY003071.D
Acq: 01 Jul 2020 20:10

Tgt Ion: 65 Resp: 171127
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY003071.D

Acq: 01 Jul 2020 20:10

Instrument :

MSVOA_Y

ClientSampleId :

TP11-SS

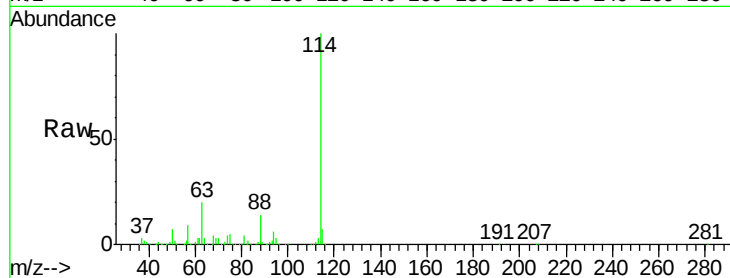
Tot Ion:114 Resp: 496684

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.6

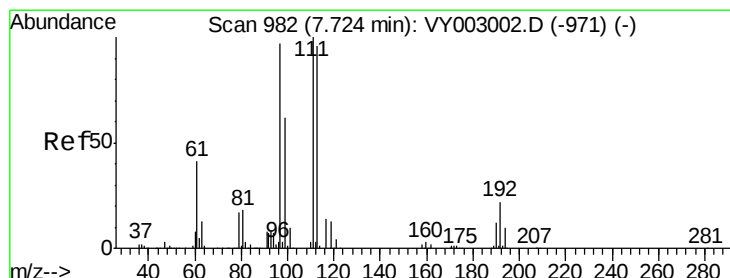
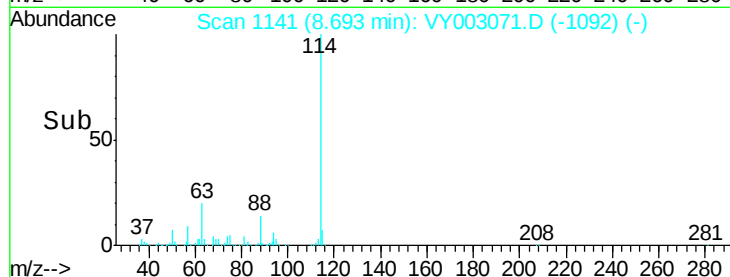
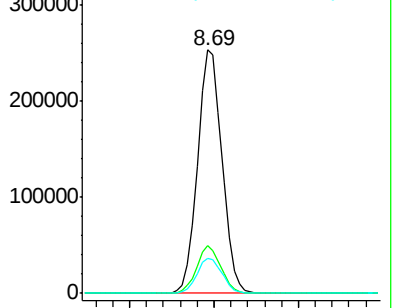
88 14.2 0.0 30.0



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: 53.416 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003071.D

Acq: 01 Jul 2020 20:10

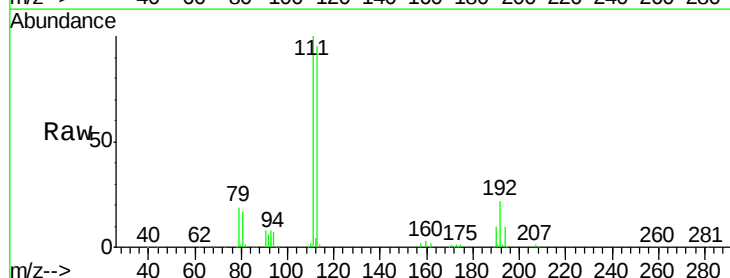
Tgt Ion:113 Resp: 165505

Ion Ratio Lower Upper

113 100

111 102.9 82.6 123.8

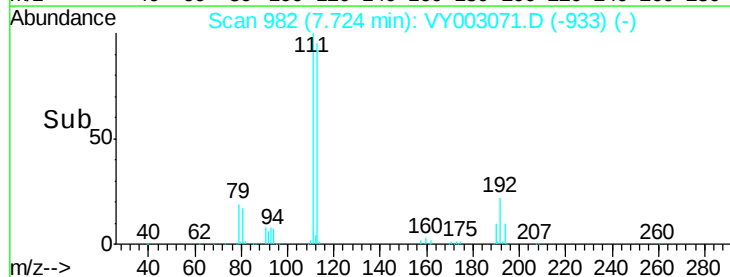
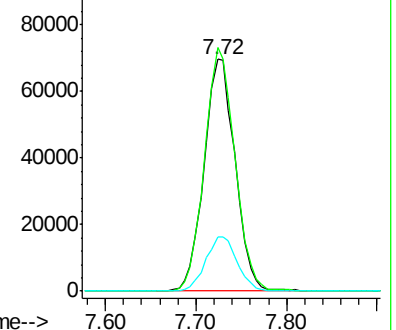
192 23.6 18.1 27.1

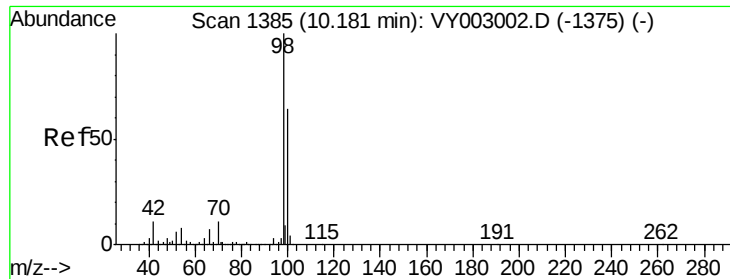


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.141 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003071.D

Acq: 01 Jul 2020 20:10

Instrument :

MSVOA_Y

ClientSampleId :

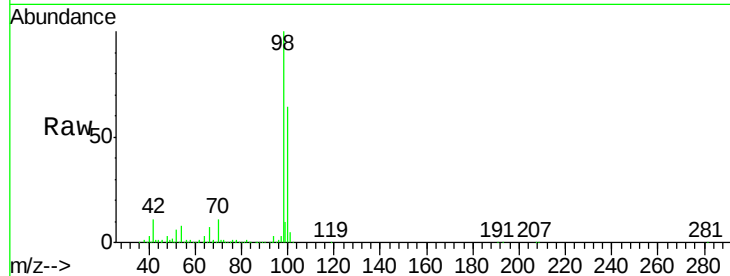
TP11-SS

Tot Ion: 98 Resp: 601860

Ion Ratio Lower Upper

98 100

100 63.4 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.18

400000

300000

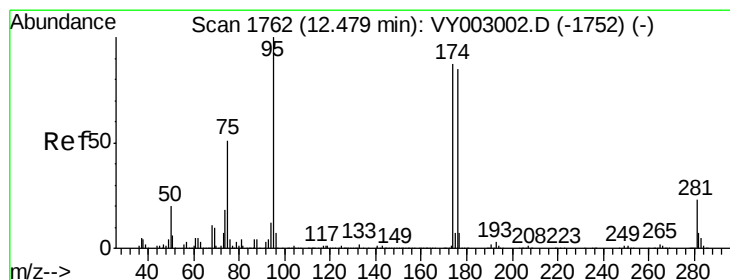
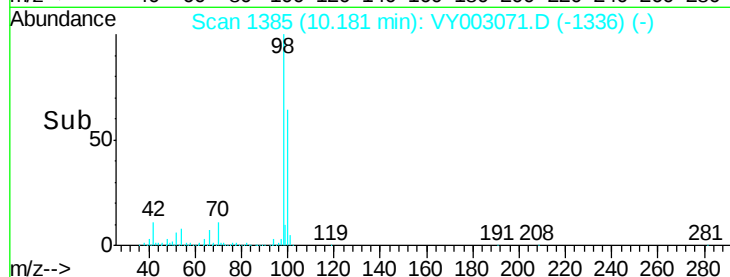
200000

100000

0

Time-->

10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 53.218 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003071.D

Acq: 01 Jul 2020 20:10

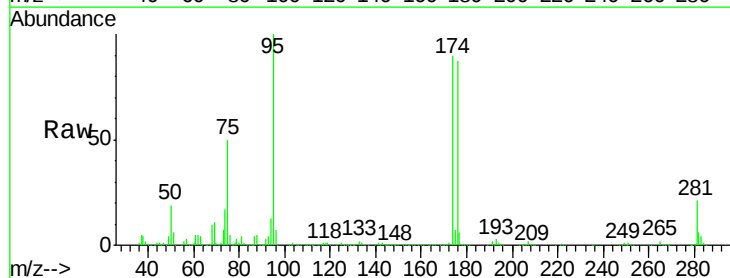
Tgt Ion: 95 Resp: 216231

Ion Ratio Lower Upper

95 100

174 94.5 0.0 184.8

176 91.4 0.0 183.0



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

150000

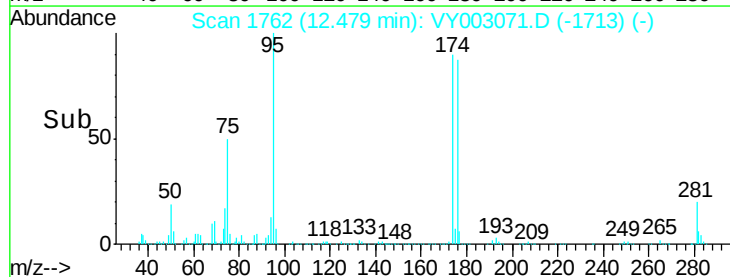
100000

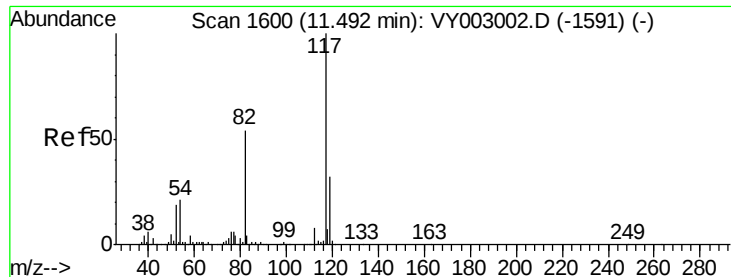
50000

0

Time-->

12.40 12.50

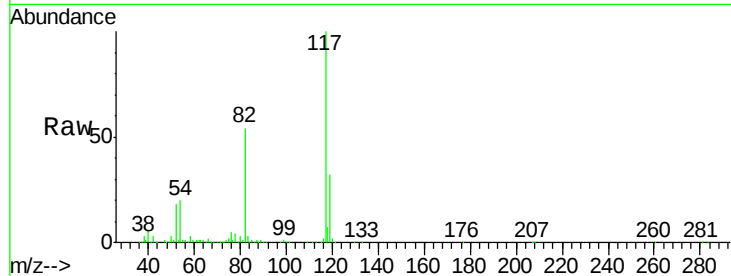




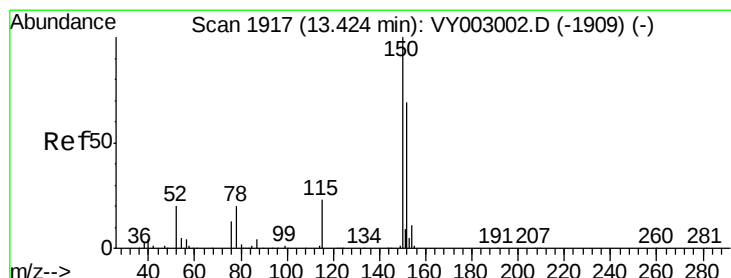
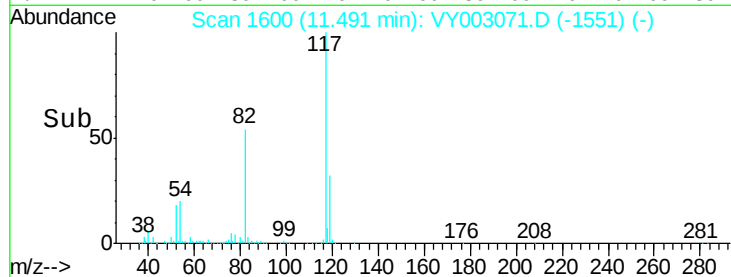
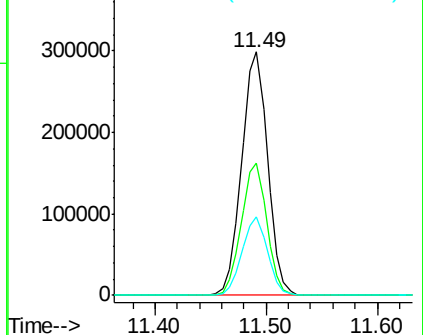
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003071.D
Acq: 01 Jul 2020 20:10

Instrument :
MSVOA_Y
ClientSampleId :
TP11-SS

Tot Ion:117 Resp: 482182
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.6
119 32.2 25.8 38.8

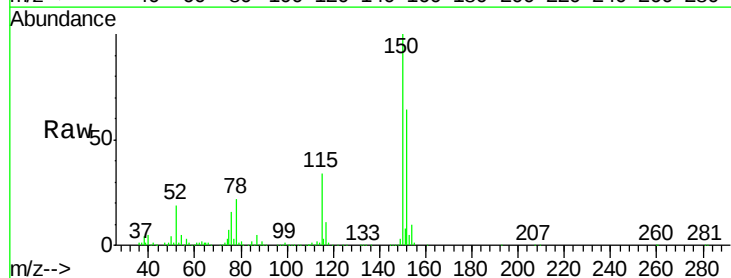


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

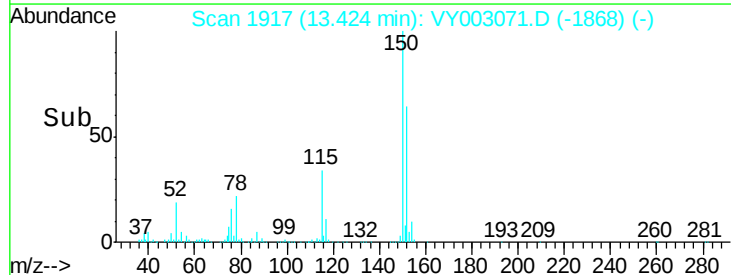
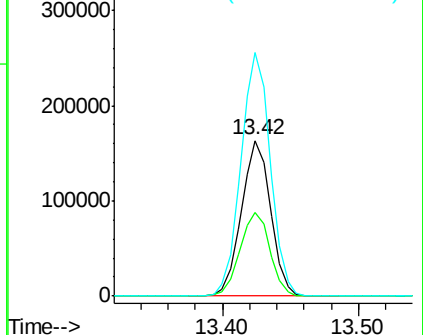


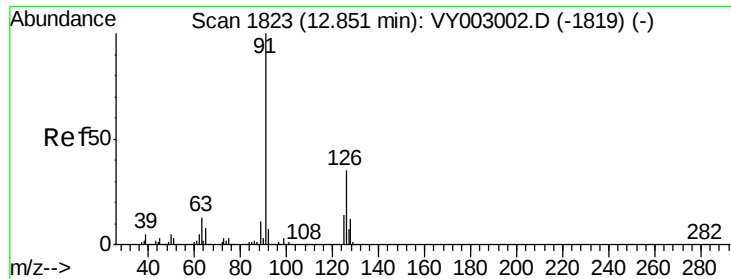
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003071.D
Acq: 01 Jul 2020 20:10

Tgt Ion:152 Resp: 245552
Ion Ratio Lower Upper
152 100
115 54.9 27.3 81.9
150 157.2 0.0 343.4



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





#82
 4-Chlorotoluene
 Concen: 1.073 ug/l
 RT: 12.85 min Scan# 1823
 Delta R.T. -0.00 min
 Lab File: VY003071.D
 Acq: 01 Jul 2020 20:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP11-SS

Tot Ion: 91 Resp: 12052
 Ion Ratio Lower Upper
 91 100
 126 35.6 17.4 52.3

