

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070920\
 Data File : VY003150.D
 Acq On : 09 Jul 2020 17:45
 Operator : SY/MD
 Sample : L3257-01
 Misc : 4.98G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 6FT-MH1

Quant Time: Jul 10 04:39:09 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

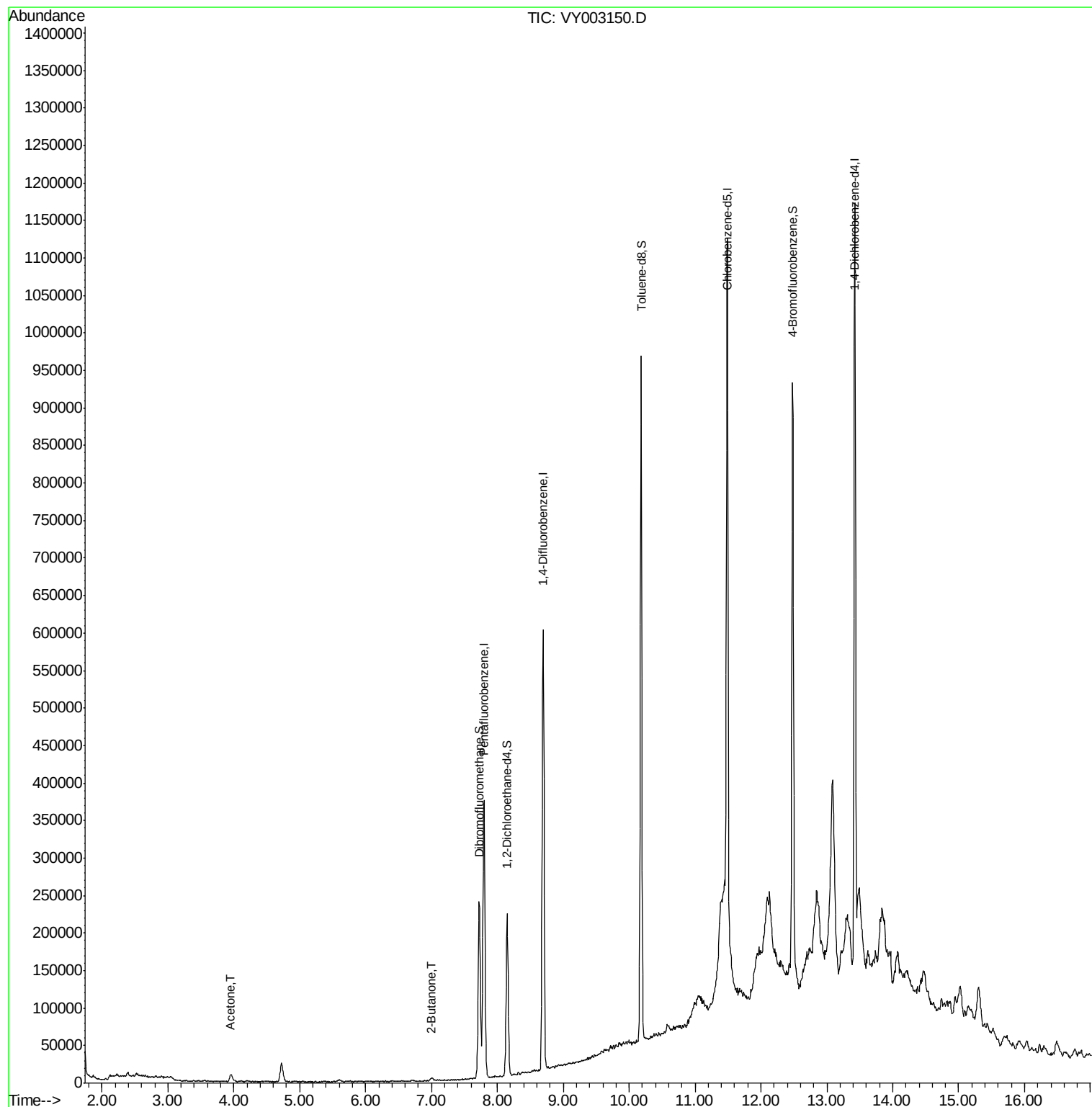
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	313205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	501747	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	499457	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	263288	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	171426	55.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.22%	
35) Dibromofluoromethane	7.72	113	166061	53.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.10%	
50) Toluene-d8	10.18	98	610863	52.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.78%	
62) 4-Bromofluorobenzene	12.48	95	229960	56.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.06%	
Target Compounds						
16) Acetone	3.95	43	17740	24.180	ug/l	94
25) 2-Butanone	7.00	43	6965	5.976	ug/l	93

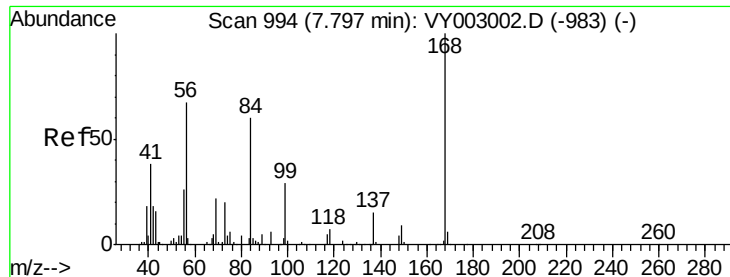
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003150.D

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Instrument :

MSVOA_Y

ClientSampleId :

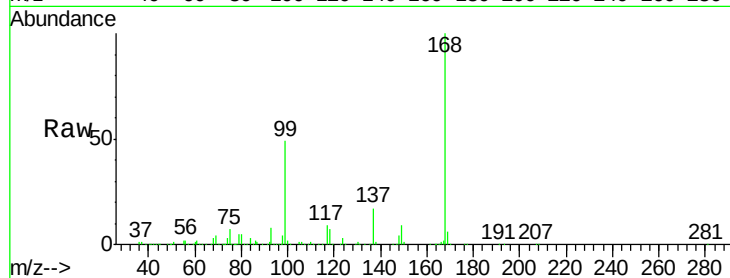
6FT-MH1

Tot Ion:168 Resp: 313205

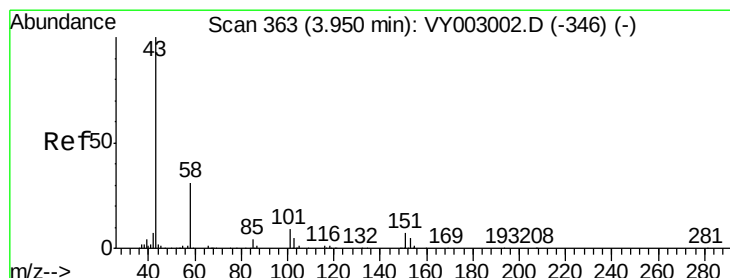
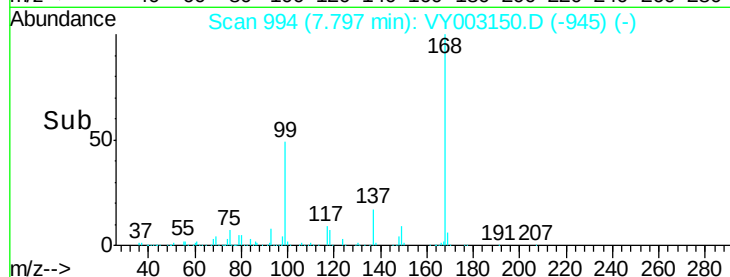
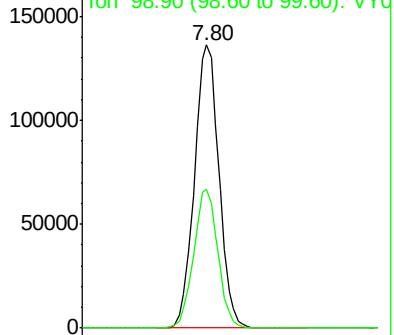
Ion Ratio Lower Upper

168 100

99 49.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003150.D (-945) (-)



#16

Acetone

Concen: 24.180 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.00 min

Lab File: VY003150.D

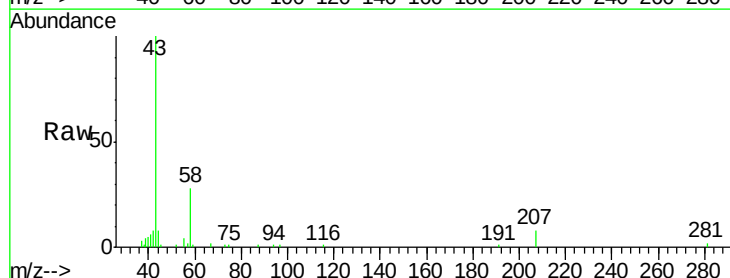
Acq: 09 Jul 2020 17:45

Tgt Ion: 43 Resp: 17740

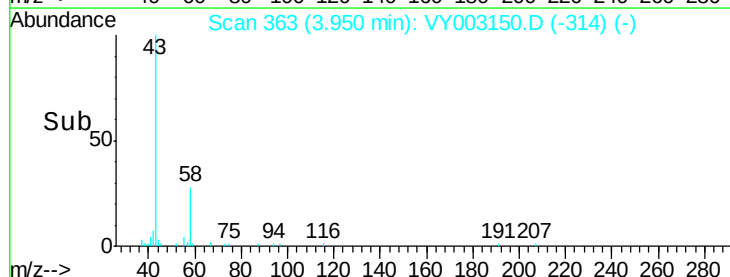
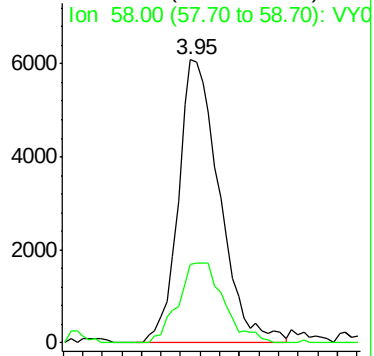
Ion Ratio Lower Upper

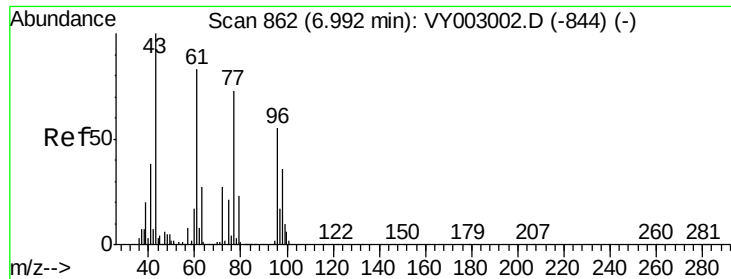
43 100

58 27.5 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VY003150.D (-314) (-)





#25

2-Butanone

Concen: 5.976 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY003150.D

Acq: 09 Jul 2020 17:45

Instrument :

MSVOA_Y

ClientSampleId :

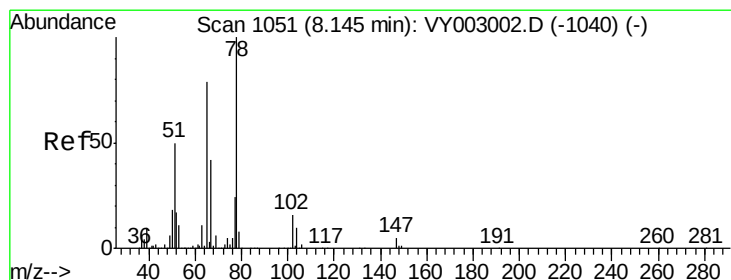
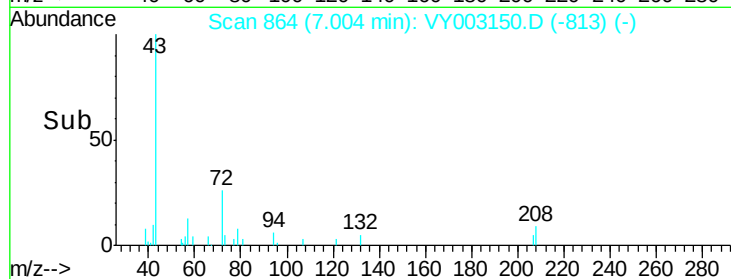
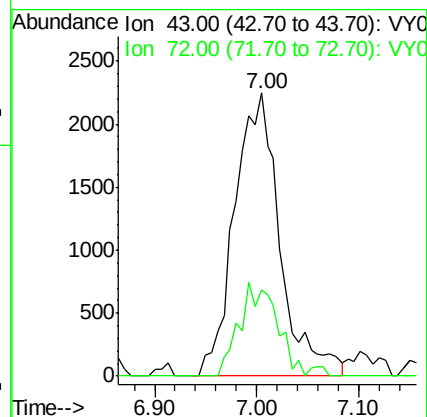
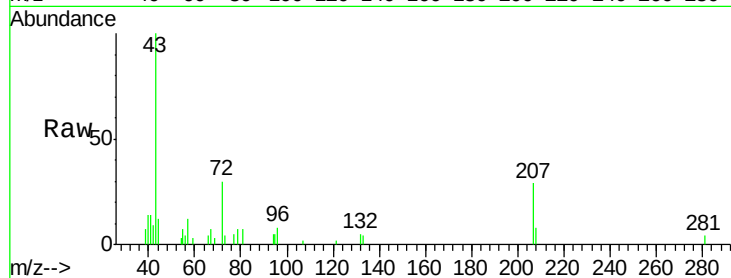
6FT-MH1

Tot Ion: 43 Resp: 6965

Ion Ratio Lower Upper

43 100

72 30.4 21.4 32.0



#33

1,2-Dichloroethane-d4

Concen: 55.107 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003150.D

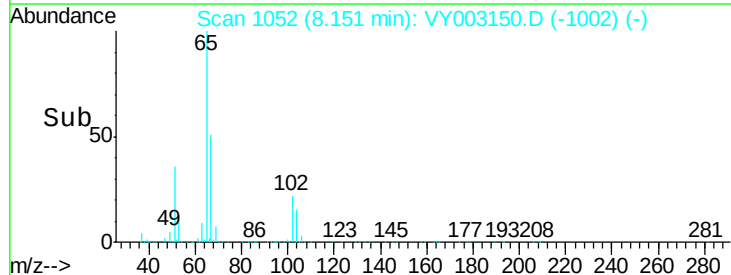
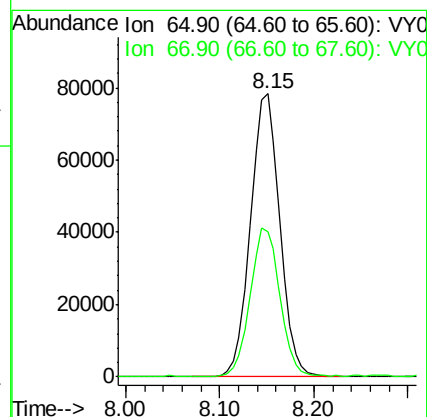
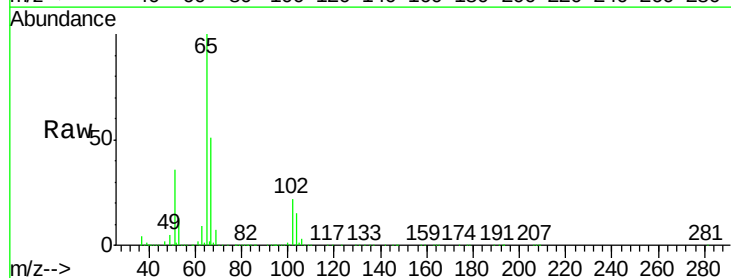
Acq: 09 Jul 2020 17:45

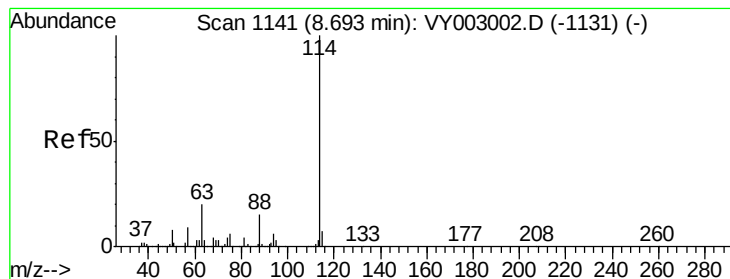
Tgt Ion: 65 Resp: 171426

Ion Ratio Lower Upper

65 100

67 53.1 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: VY003150.D

Acq: 09 Jul 2020 17:45

Instrument :

MSVOA_Y

ClientSampleId :

6FT-MH1

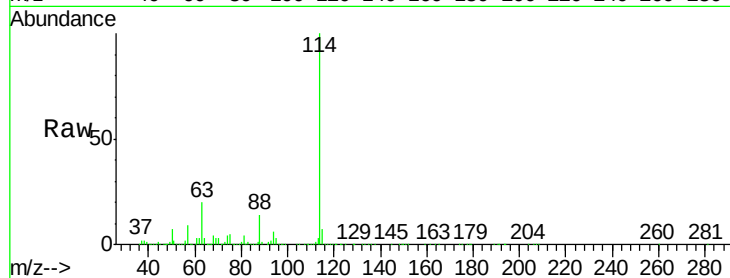
Tot Ion:114 Resp: 501747

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.6

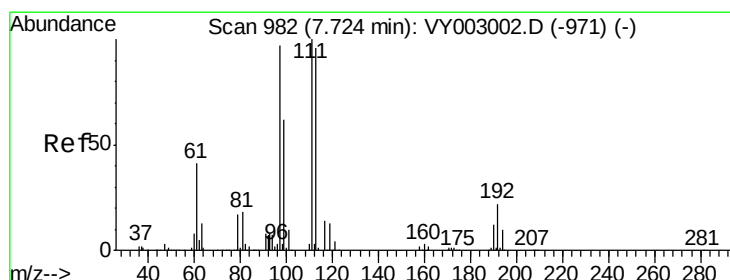
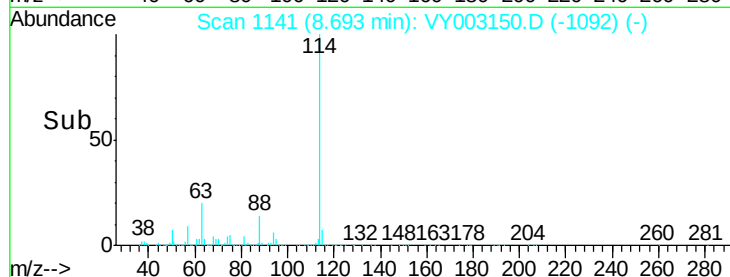
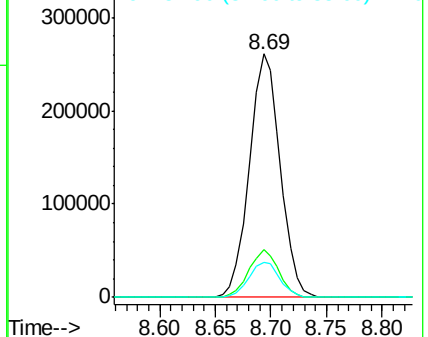
88 14.5 0.0 30.0



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: 53.055 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003150.D

Acq: 09 Jul 2020 17:45

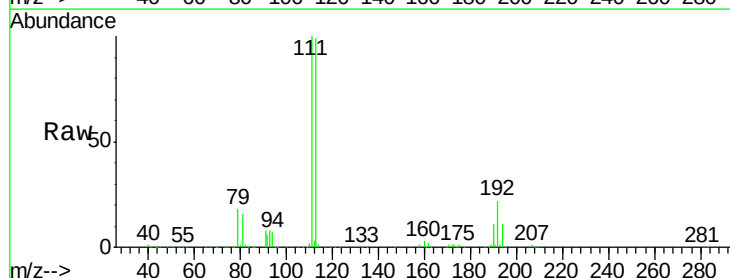
Tgt Ion:113 Resp: 166061

Ion Ratio Lower Upper

113 100

111 102.6 82.6 123.8

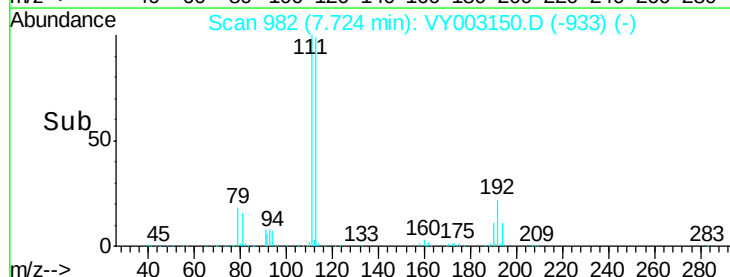
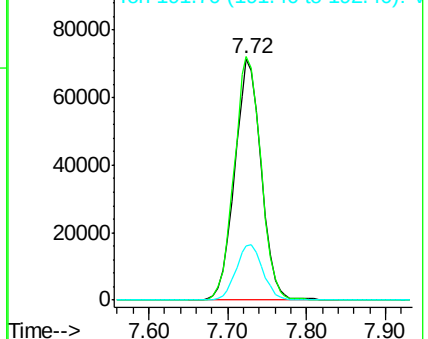
192 23.3 18.1 27.1

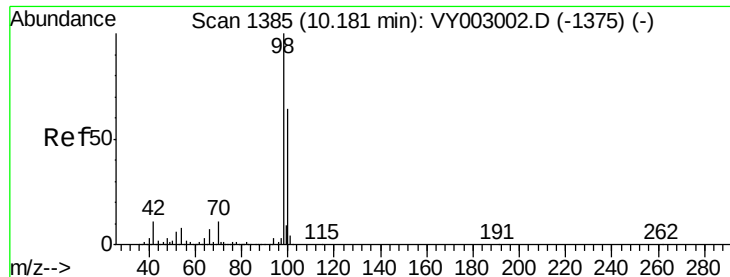


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.387 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003150.D

Acq: 09 Jul 2020 17:45

Instrument :

MSVOA_Y

ClientSampleId :

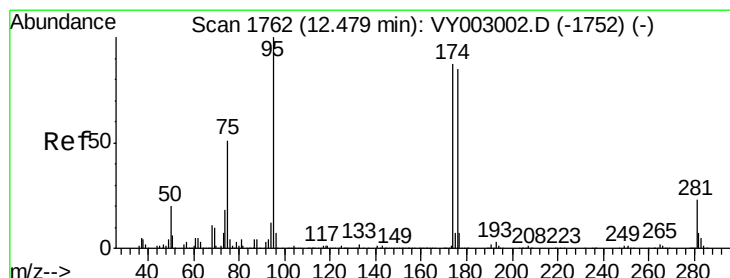
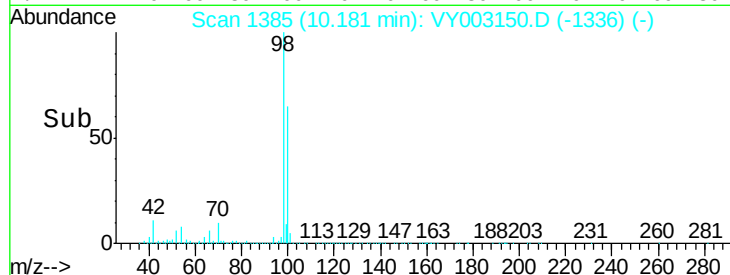
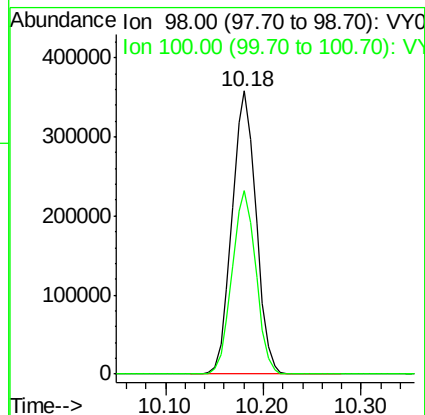
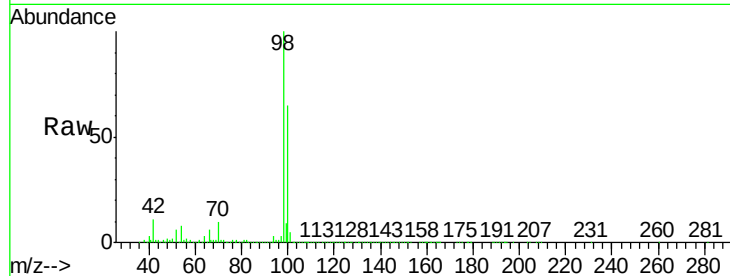
6FT-MH1

Tot Ion: 98 Resp: 610863

Ion Ratio Lower Upper

98 100

100 64.5 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 56.026 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003150.D

Acq: 09 Jul 2020 17:45

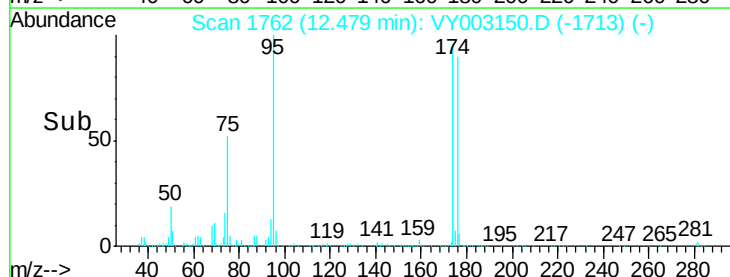
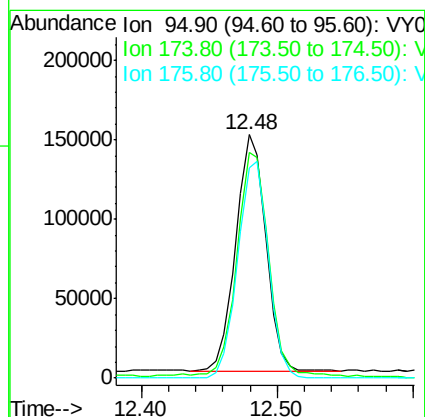
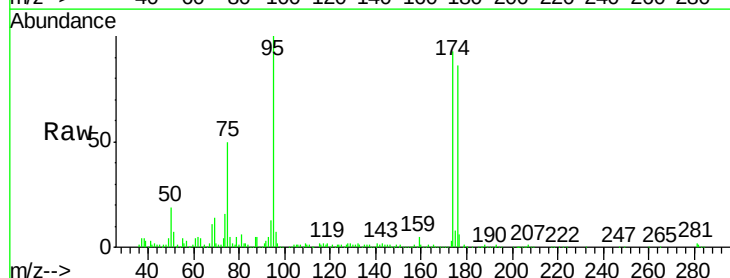
Tgt Ion: 95 Resp: 229960

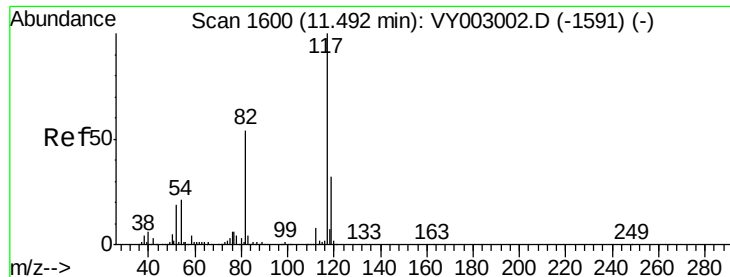
Ion Ratio Lower Upper

95 100

174 103.1 0.0 184.8

176 92.7 0.0 183.0

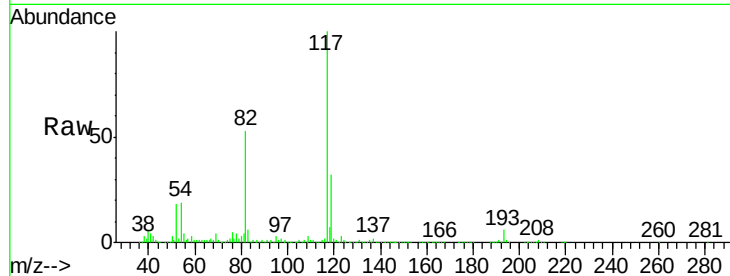




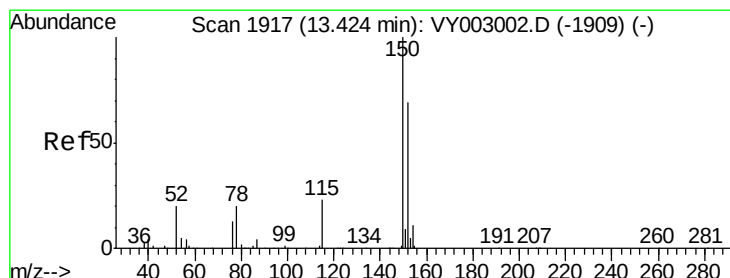
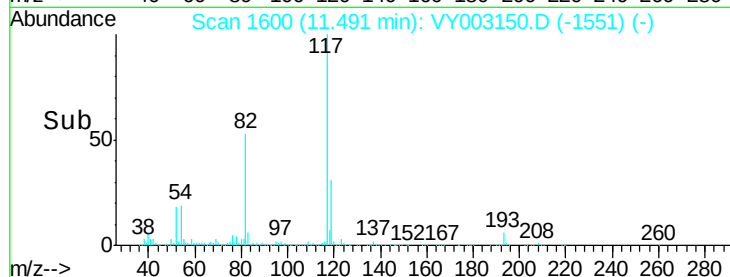
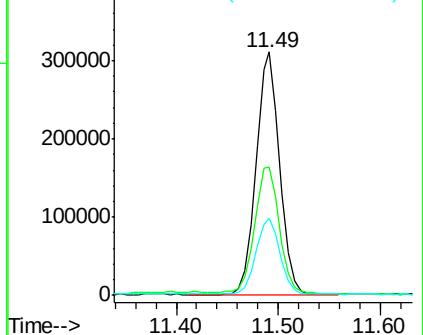
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003150.D
Acq: 09 Jul 2020 17:45

Instrument :
MSVOA_Y
ClientSampleId :
6FT-MH1

Tot Ion:117 Resp: 499457
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.6
119 31.1 25.8 38.8

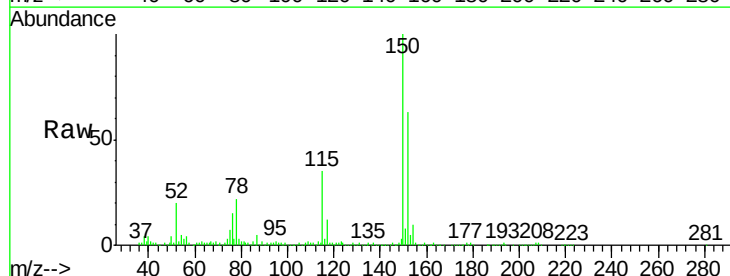


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003150.D
Acq: 09 Jul 2020 17:45

Tgt Ion:152 Resp: 263288
Ion Ratio Lower Upper
152 100
115 54.2 27.3 81.9
150 156.2 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

