

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042920\
 Data File : VY002503.D
 Acq On : 29 Apr 2020 12:32
 Operator : SY/MD
 Sample : L2436-01
 Misc : 5.08G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HEALTH

Quant Time: Apr 30 04:39:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 14:11:26 2020
 Response via : Initial Calibration

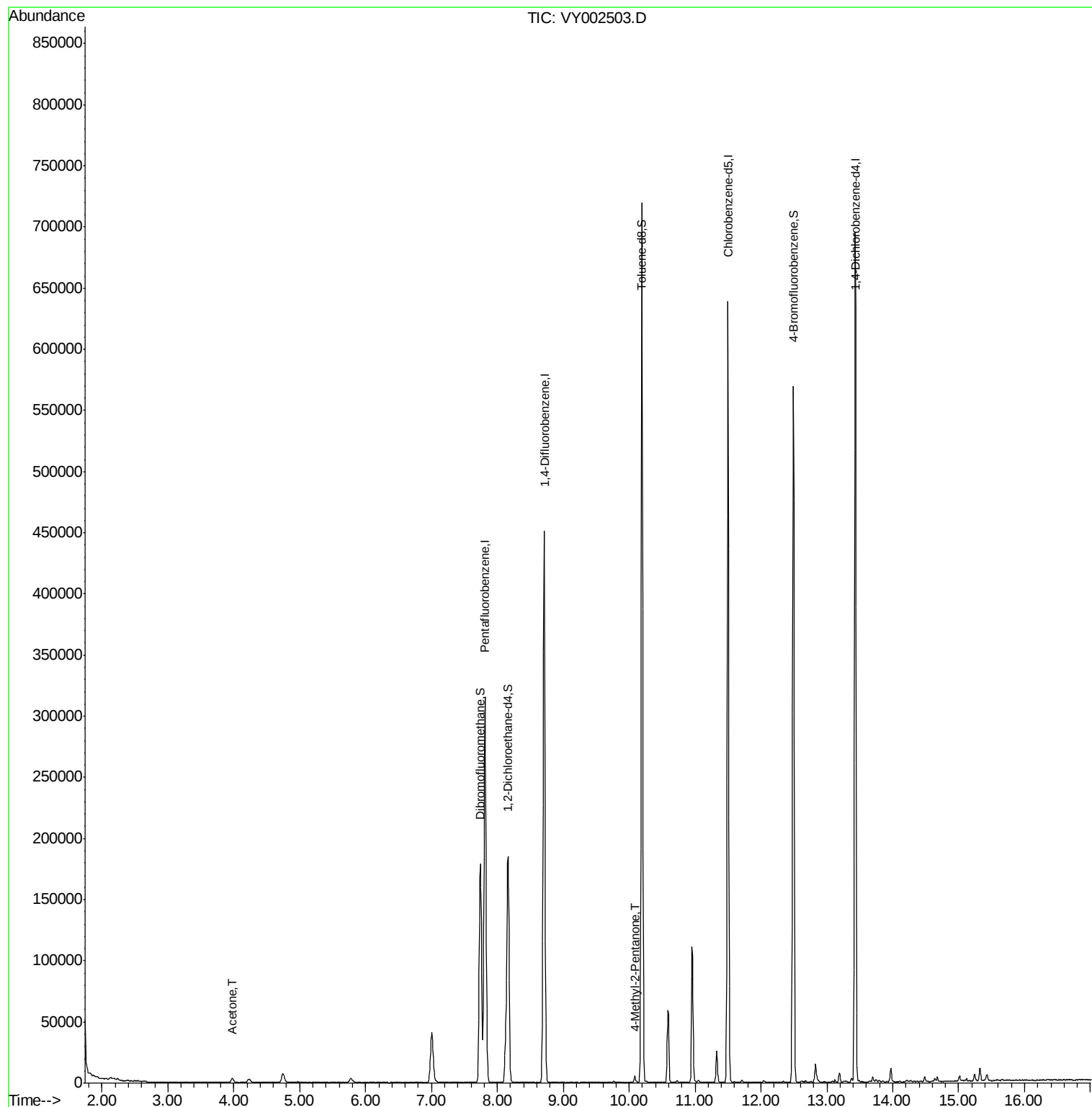
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	264795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	412834	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	372694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	185288	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	134233	58.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.00%	
35) Dibromofluoromethane	7.74	113	123768	53.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.30%	
50) Toluene-d8	10.19	98	481501	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.90%	
62) 4-Bromofluorobenzene	12.49	95	152971	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
Target Compounds						
16) Acetone	3.97	43	5893	12.184	ug/l	92
51) 4-Methyl-2-Pentanone	10.08	43	3377	1.955	ug/l	99

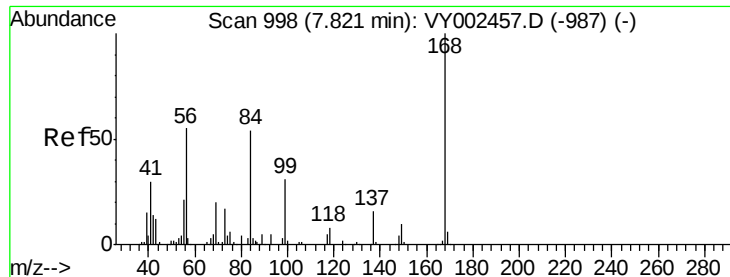
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.01 min

Lab File: VY002503.D

Acq: 29 Apr 2020 12:32

Instrument :

MSVOA_Y

ClientSampleId :

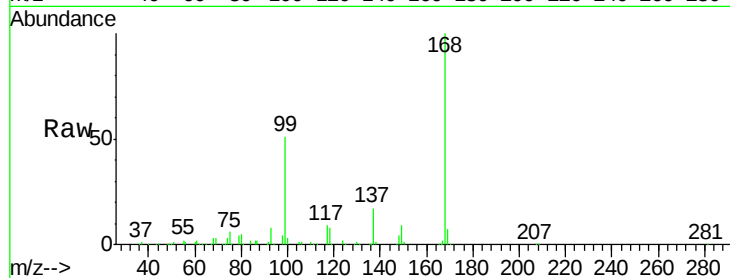
HEALTH

Tot Ion:168 Resp: 264795

Ion Ratio Lower Upper

168 100

99 51.2 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY002457.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY002457.D (-987) (-)

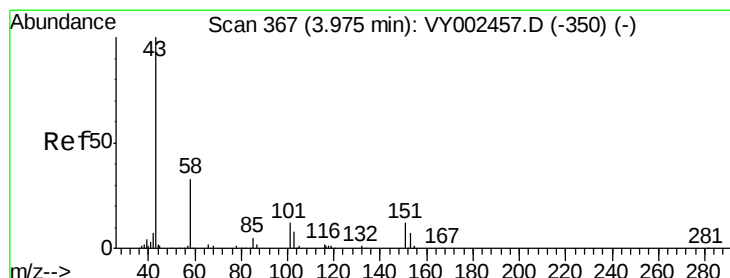
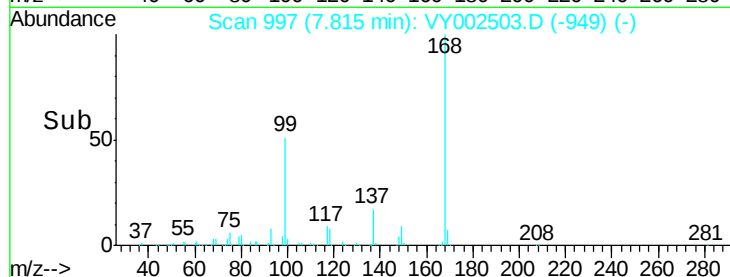
7.82

100000

50000

0

Time-->



#16

Acetone

Concen: 12.184 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY002503.D

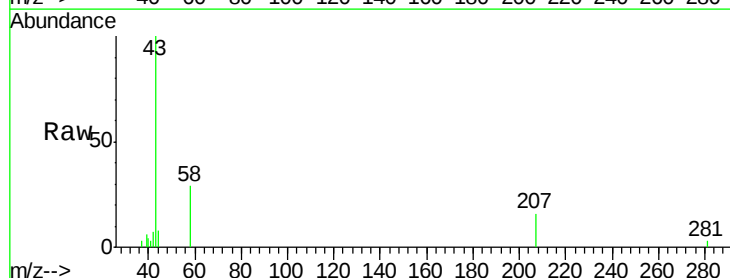
Acq: 29 Apr 2020 12:32

Tgt Ion: 43 Resp: 5893

Ion Ratio Lower Upper

43 100

58 28.6 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VY002457.D (-350) (-)

Ion 58.00 (57.70 to 58.70): VY002457.D (-350) (-)

3.97

2500

2000

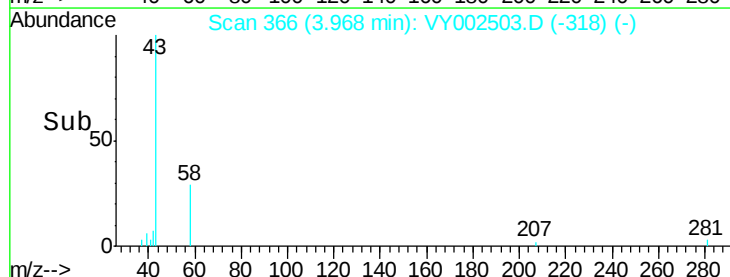
1500

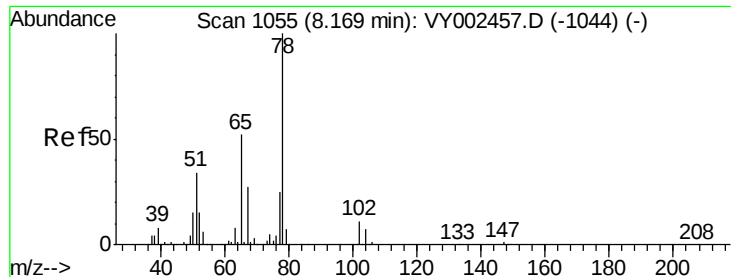
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 57.999 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY002503.D

Acq: 29 Apr 2020 12:32

Instrument :

MSVOA_Y

ClientSampleId :

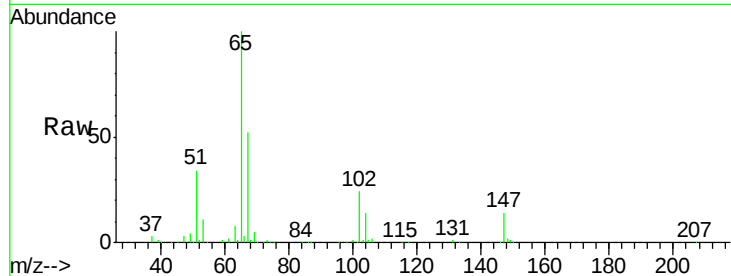
HEALTH

Tot Ion: 65 Resp: 134233

Ion Ratio Lower Upper

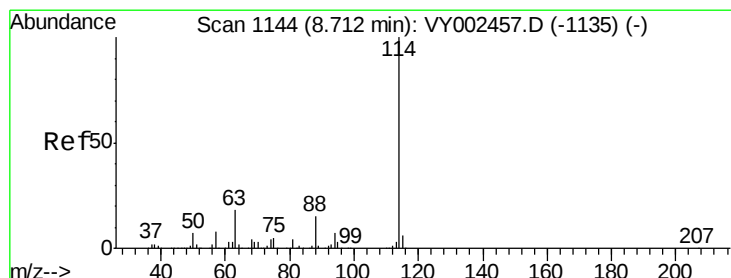
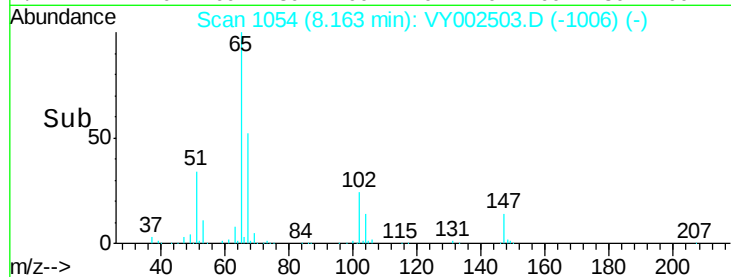
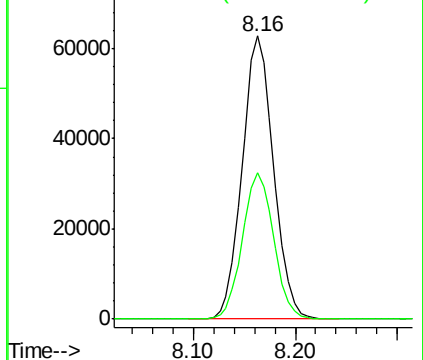
65 100

67 51.8 0.0 104.2



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: 8.71 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VY002503.D

Acq: 29 Apr 2020 12:32

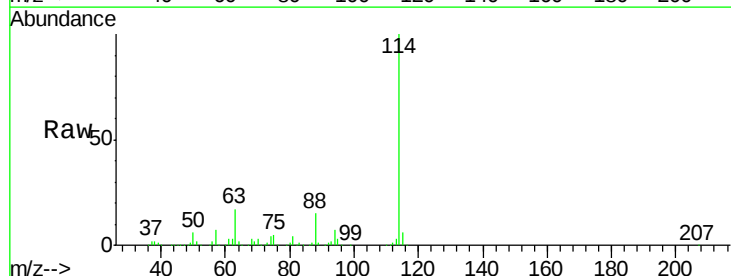
Tgt Ion: 114 Resp: 412834

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.6

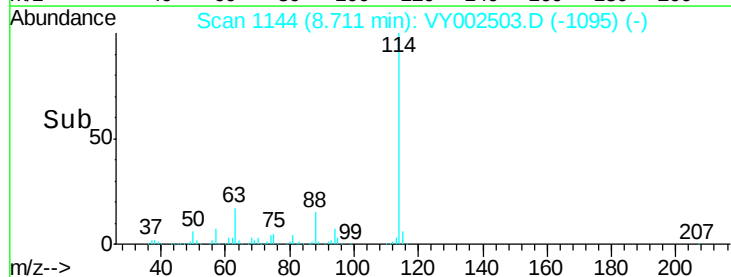
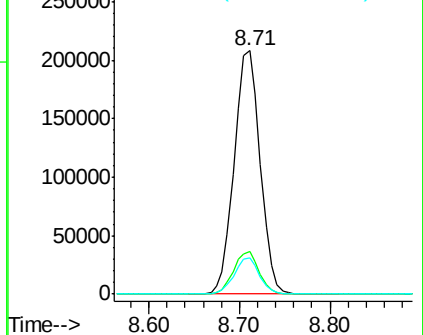
88 14.7 0.0 29.4

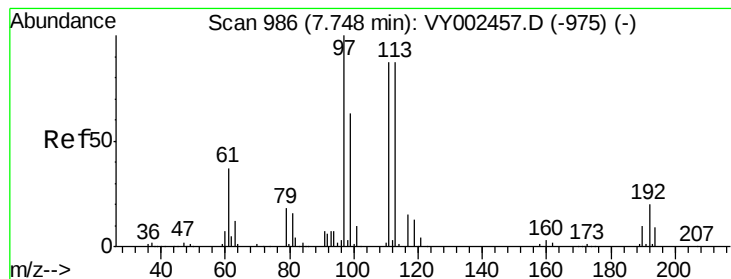


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 53.151 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY002503.D

Acq: 29 Apr 2020 12:32

Instrument :

MSVOA_Y

ClientSampleId :

HEALTH

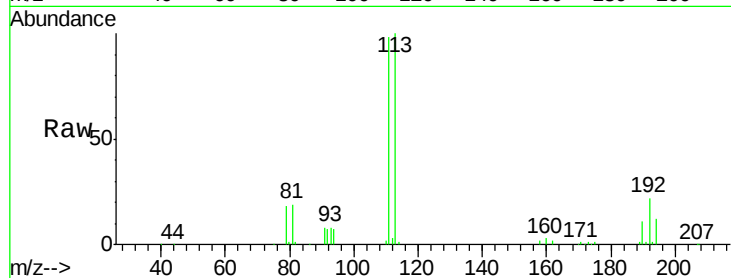
Tot Ion:113 Resp: 123768

Ion Ratio Lower Upper

113 100

111 102.3 81.0 121.4

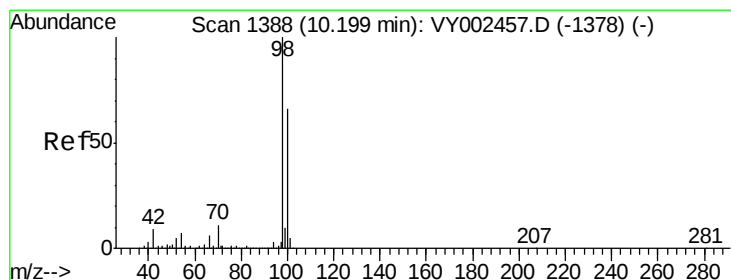
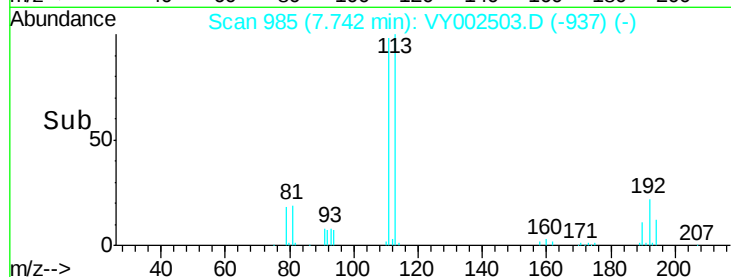
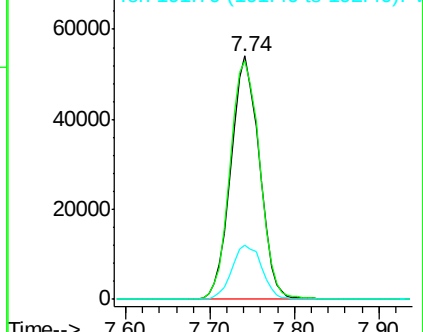
192 23.5 18.6 27.8



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: 51.447 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VY002503.D

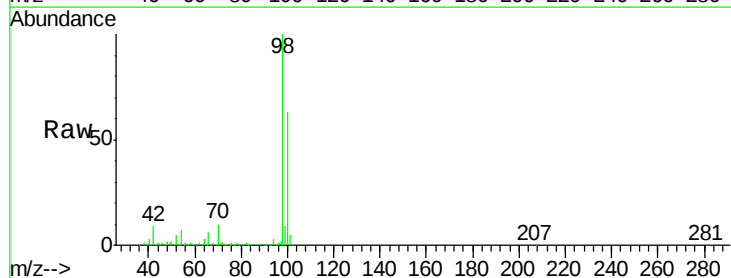
Acq: 29 Apr 2020 12:32

Tgt Ion: 98 Resp: 481501

Ion Ratio Lower Upper

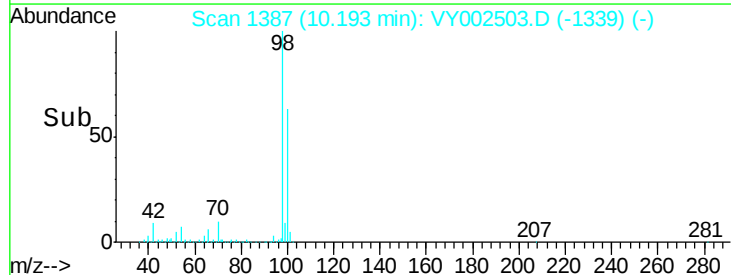
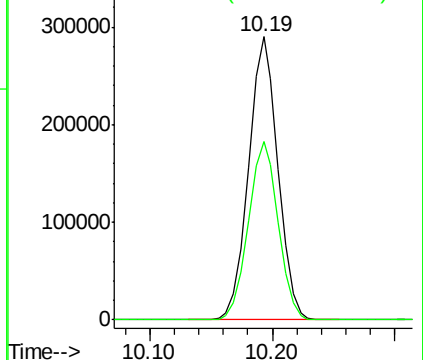
98 100

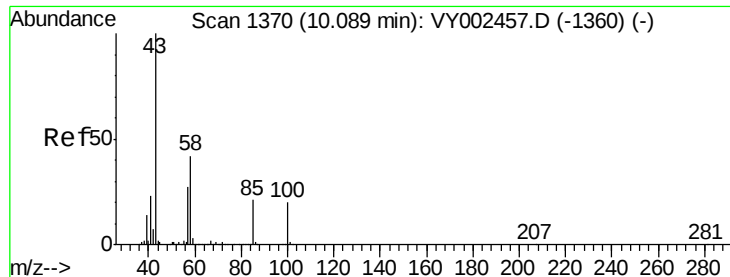
100 64.3 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#51

4-Methyl-2-Pentanone

Concen: 1.955 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. -0.01 min

Lab File: VY002503.D

Acq: 29 Apr 2020 12:32

Instrument :

MSVOA_Y

ClientSampleId :

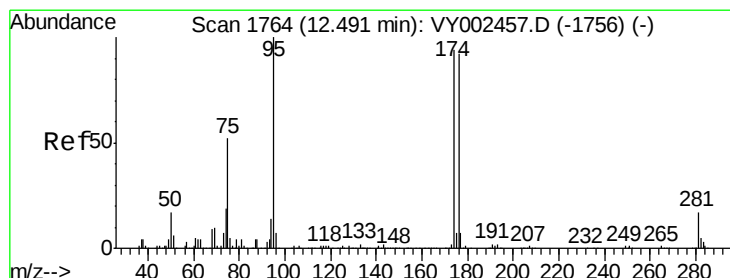
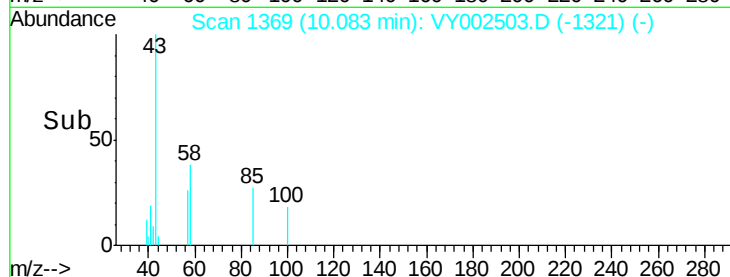
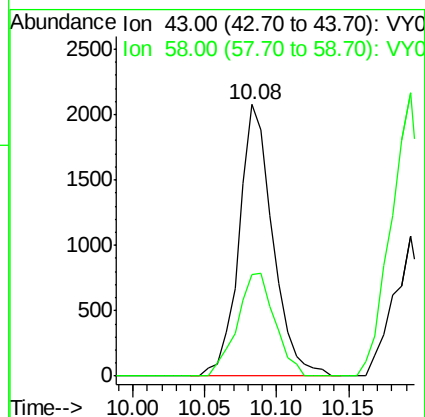
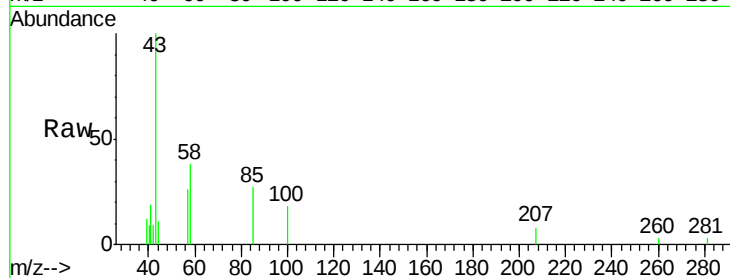
HEALTH

Tot Ion: 43 Resp: 3377

Ion Ratio Lower Upper

43 100

58 42.2 33.2 49.8



#62

4-Bromofluorobenzene

Concen: 48.711 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002503.D

Acq: 29 Apr 2020 12:32

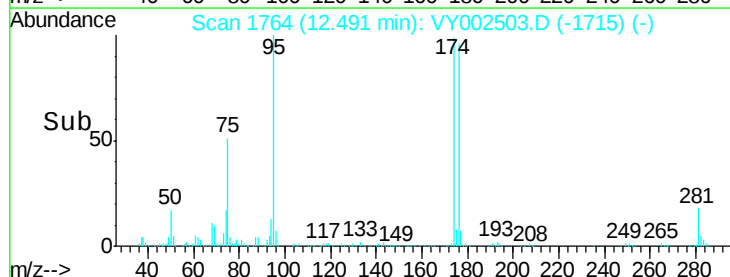
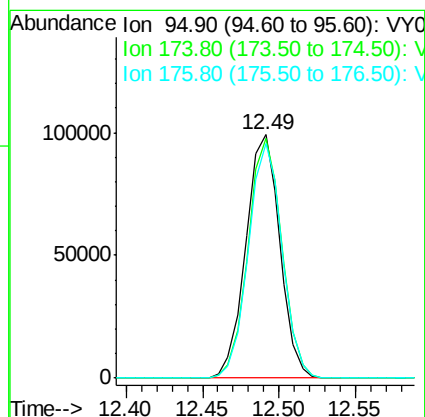
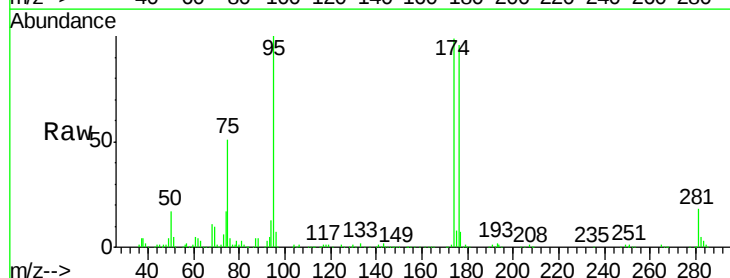
Tgt Ion: 95 Resp: 152971

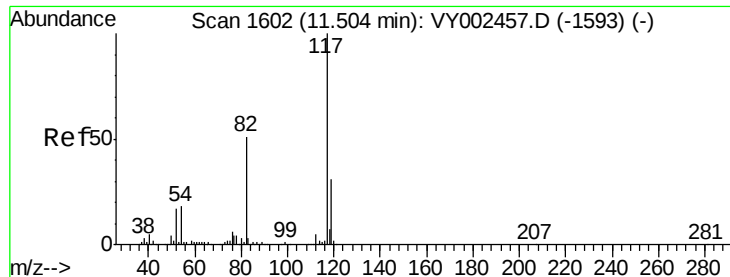
Ion Ratio Lower Upper

95 100

174 98.1 0.0 193.0

176 95.6 0.0 190.4

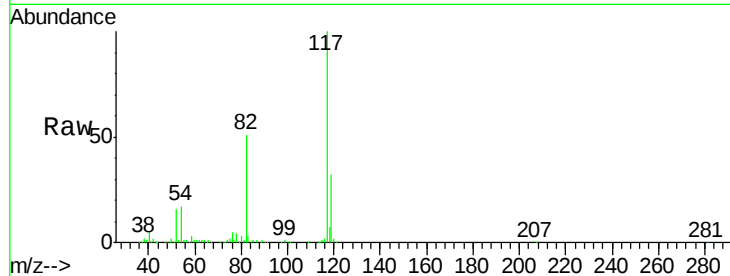




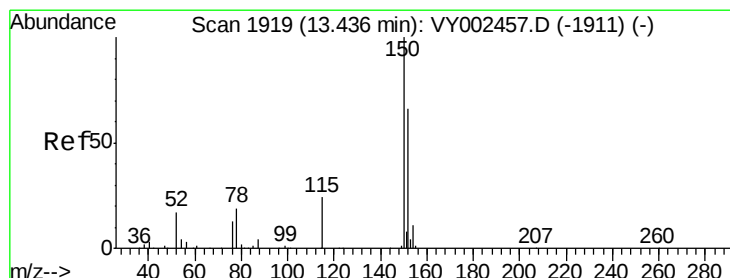
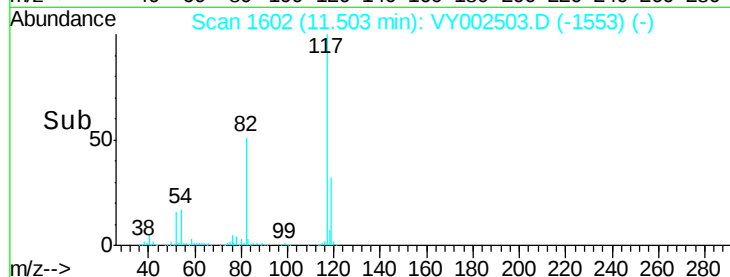
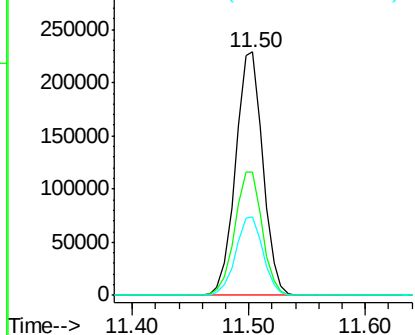
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY002503.D
Acq: 29 Apr 2020 12:32

Instrument :
MSVOA_Y
ClientSampleId :
HEALTH

Tot Ion:117 Resp: 372694
Ion Ratio Lower Upper
117 100
82 50.6 40.8 61.2
119 32.2 25.2 37.8

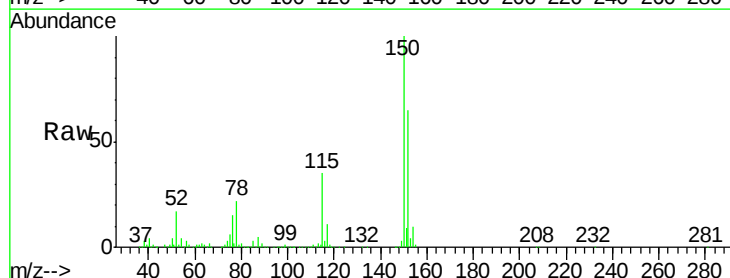


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002503.D
Acq: 29 Apr 2020 12:32

Tgt Ion:152 Resp: 185288
Ion Ratio Lower Upper
152 100
115 54.3 27.3 81.8
150 157.7 0.0 346.8



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

