

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042820\
 Data File : VY002494.D
 Acq On : 28 Apr 2020 15:04
 Operator : SY/MD
 Sample : L2428-08
 Misc : 5.02G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-10A

Quant Time: Apr 29 00:41:11 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

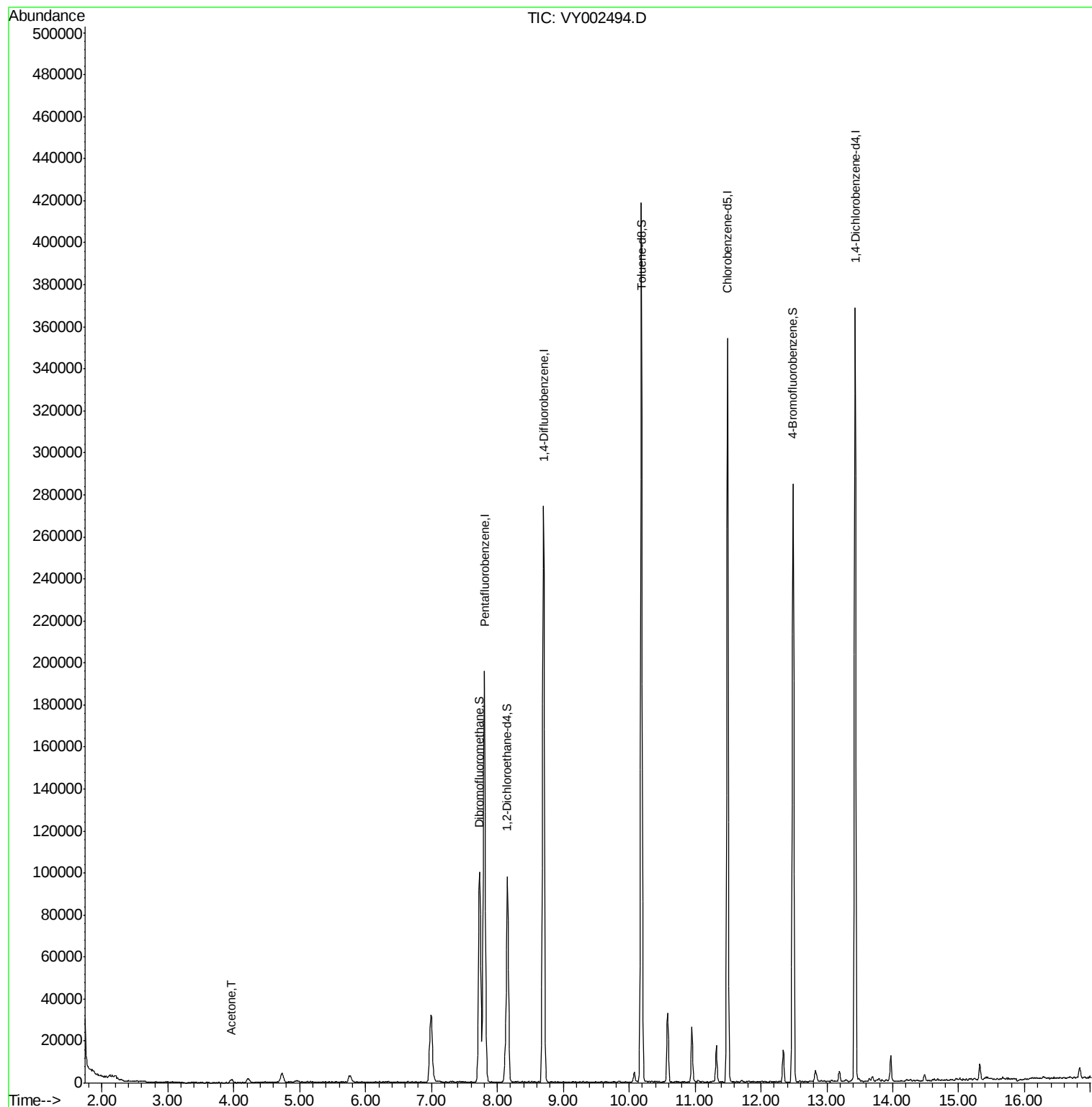
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	161038	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.70	114	244305	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	207423	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	99413	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	75115	53.37	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	106.74%	
35) Dibromofluoromethane	7.73	113	72258	52.44	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	104.88%	
50) Toluene-d8	10.19	98	285254	51.50	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	103.00%	
62) 4-Bromofluorobenzene	12.48	95	72563	39.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.10%	
Target Compounds						
16) Acetone	3.96	43	3113	10.583	ug/l	Qvalue 95

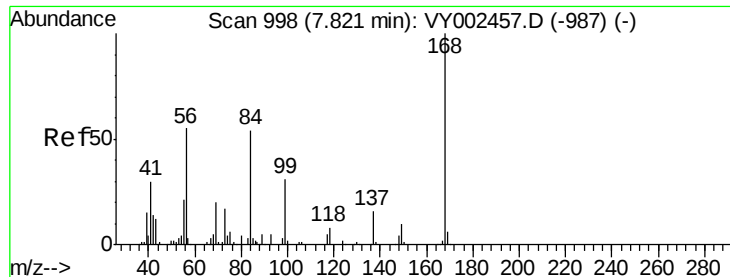
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.02 min

Lab File: VY002494.D

Acq: 28 Apr 2020 15:04

Instrument :

MSVOA_Y

ClientSampled :

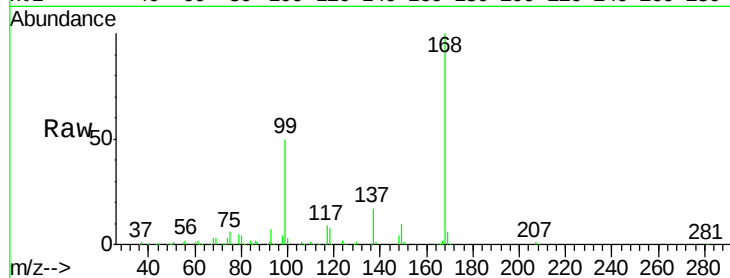
S-10A

Tot Ion:168 Resp: 161038

Ion Ratio Lower Upper

168 100

99 49.8 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) (-)

7.80

60000

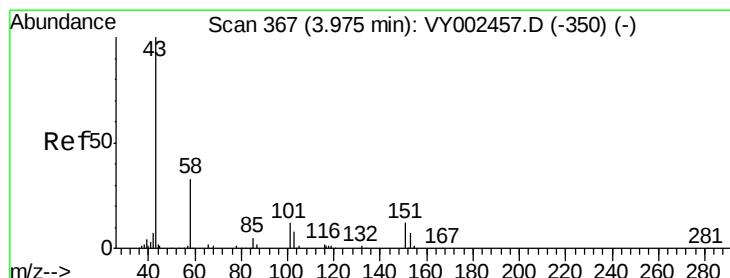
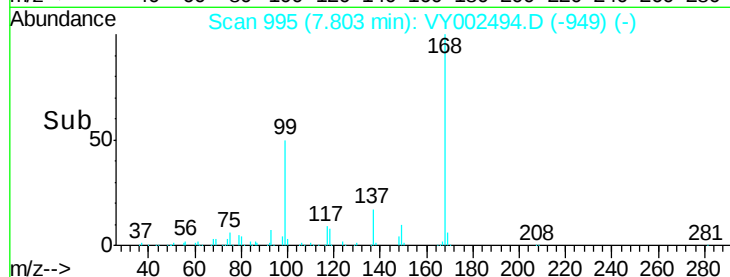
40000

20000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 10.583 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VY002494.D

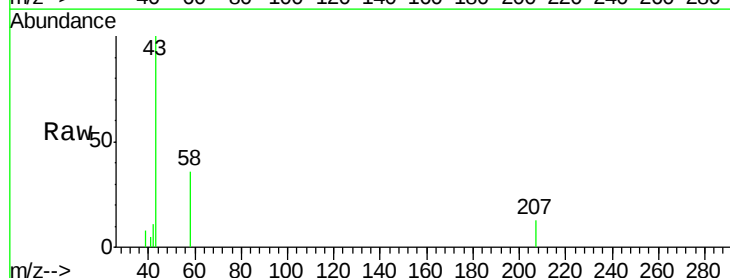
Acq: 28 Apr 2020 15:04

Tgt Ion: 43 Resp: 3113

Ion Ratio Lower Upper

43 100

58 35.6 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) (-)

3.96

1200

1000

800

600

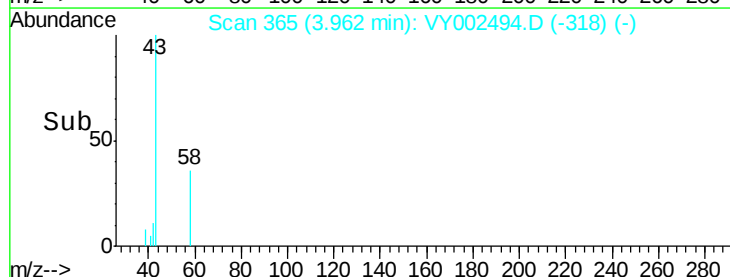
400

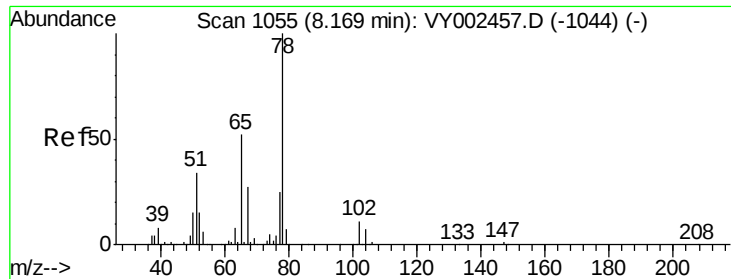
200

0

3.85 3.90 3.95 4.00 4.05

Time-->

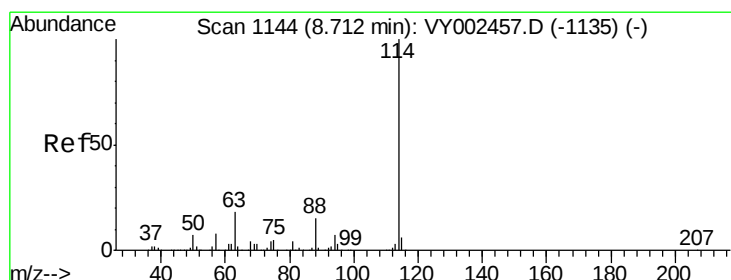
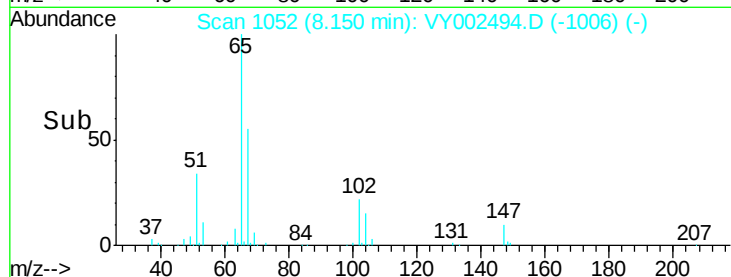
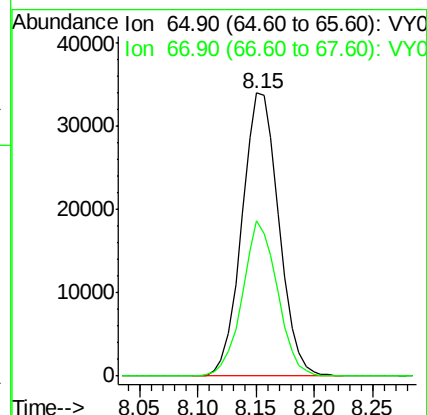
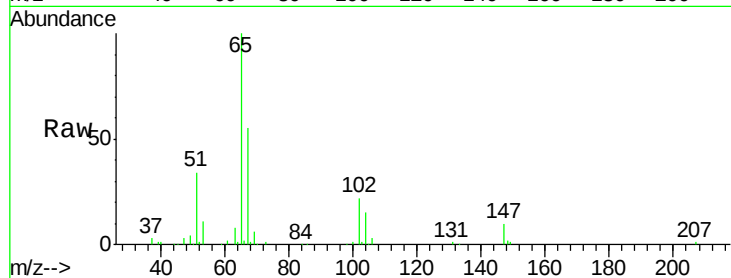




#33
 1,2-Dichloroethane-d4
 Concen: 53.367 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.02 min
 Lab File: VY002494.D
 Acq: 28 Apr 2020 15:04

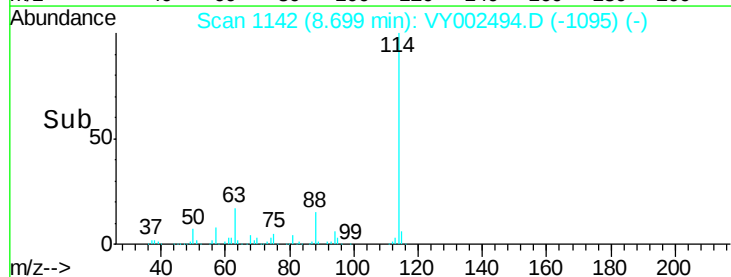
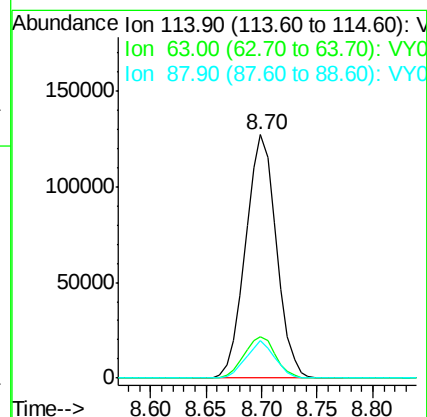
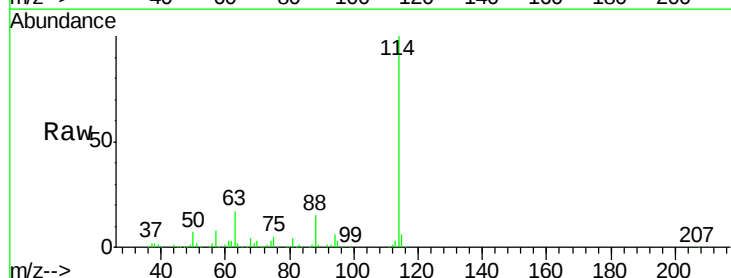
Instrument :
 MSVOA_Y
 ClientSampleId :
 S-10A

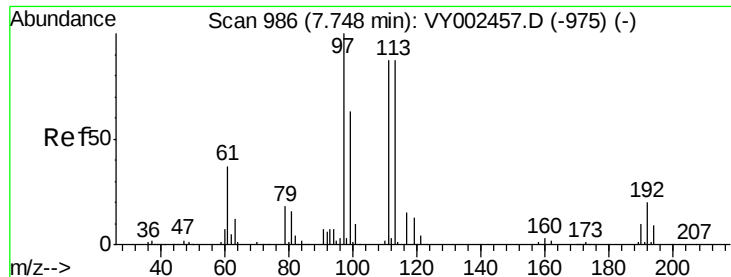
Tot Ion: 65 Resp: 75115
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002494.D
 Acq: 28 Apr 2020 15:04

Tgt Ion: 114 Resp: 244305
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 35.6
 88 15.2 0.0 29.4

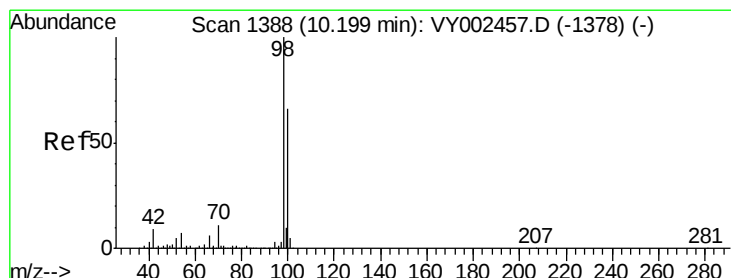
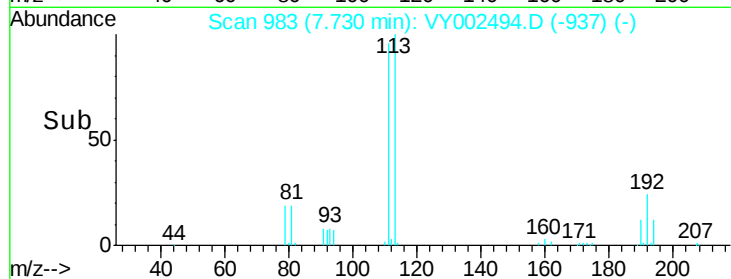
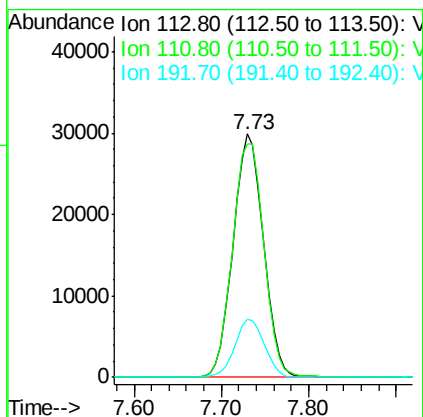
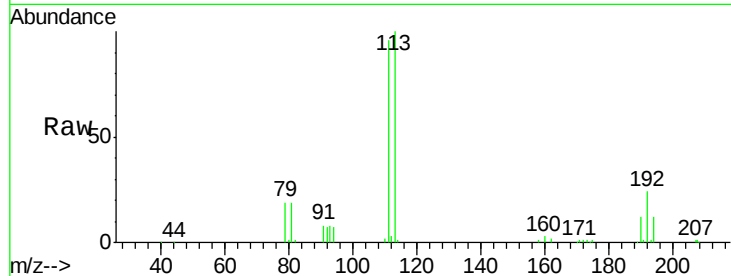




#35
 Dibromofluoromethane
 Concen: 52.436 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: VY002494.D
 Acq: 28 Apr 2020 15:04

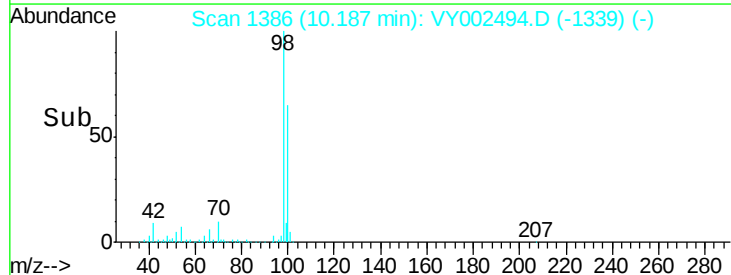
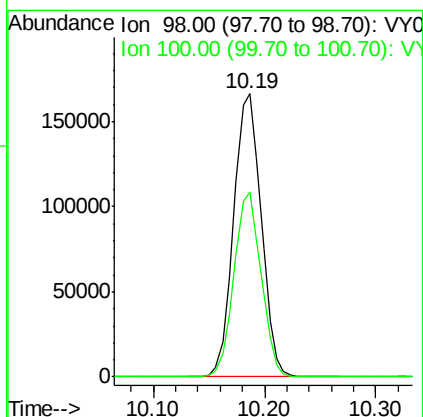
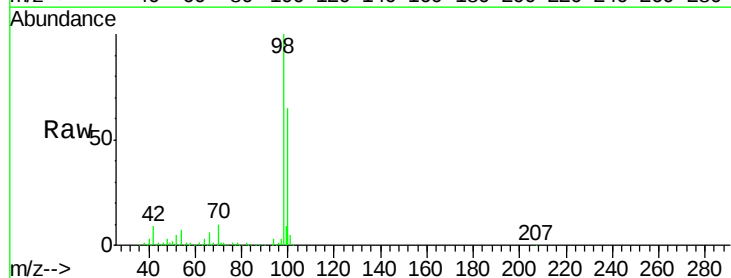
Instrument :
 MSVOA_Y
 ClientSampleId :
 S-10A

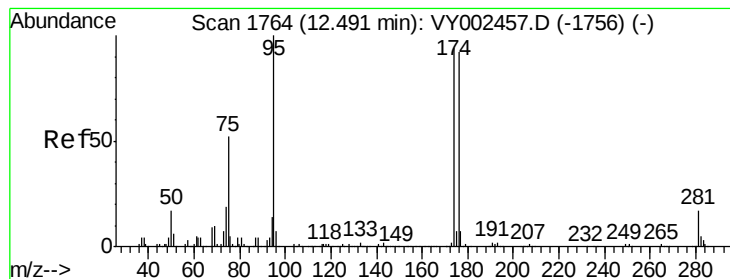
Tot Ion:113 Resp: 72258
 Ion Ratio Lower Upper
 113 100
 111 99.6 81.0 121.4
 192 23.3 18.6 27.8



#50
 Toluene-d8
 Concen: 51.504 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: VY002494.D
 Acq: 28 Apr 2020 15:04

Tgt Ion: 98 Resp: 285254
 Ion Ratio Lower Upper
 98 100
 100 64.1 51.1 76.7





#62

4-Bromofluorobenzene

Concen: 39.046 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002494.D

Acq: 28 Apr 2020 15:04

Instrument :

MSVOA_Y

ClientSampled :

S-10A

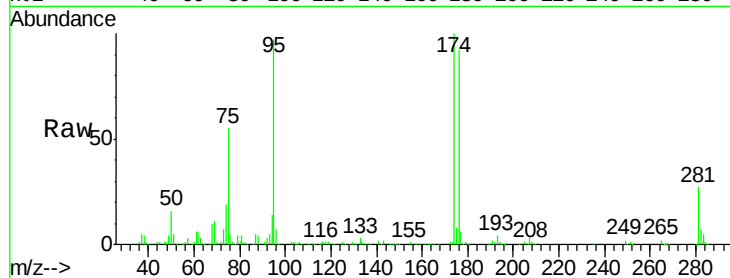
Tot Ion: 95 Resp: 72563

Ion Ratio Lower Upper

95 100

174 99.1 0.0 193.0

176 95.4 0.0 190.4

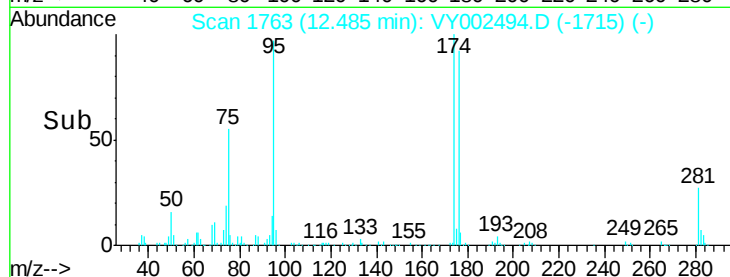


Abundance Ion 94.90 (94.60 to 95.60): VY002457.D (-1756) (-)

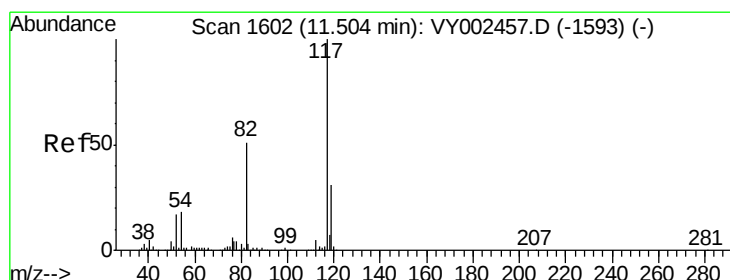
Ion 173.80 (173.50 to 174.50): VY002457.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY002457.D (-1756) (-)

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.01 min

Lab File: VY002494.D

Acq: 28 Apr 2020 15:04

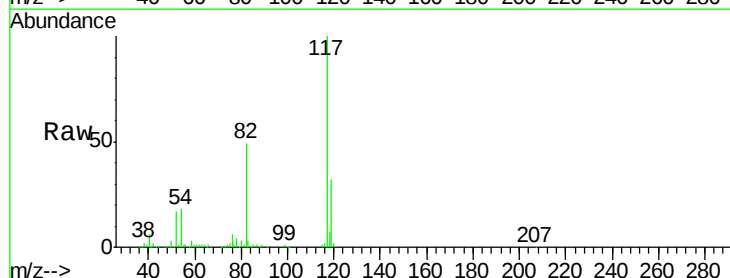
Tgt Ion: 117 Resp: 207423

Ion Ratio Lower Upper

117 100

82 49.3 40.8 61.2

119 31.8 25.2 37.8

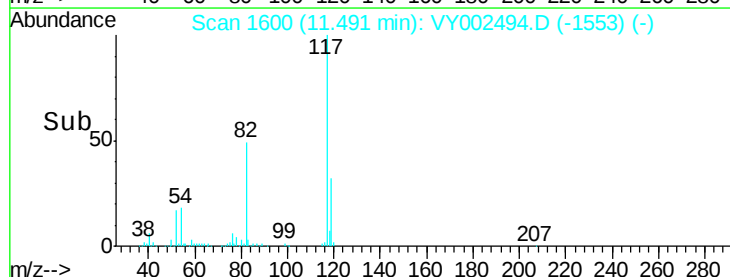


Abundance Ion 116.90 (116.60 to 117.60): VY002457.D (-1593) (-)

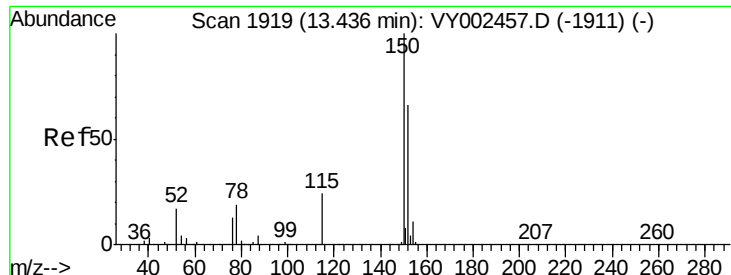
Ion 82.00 (81.70 to 82.70): VY002457.D (-1593) (-)

Ion 118.90 (118.60 to 119.60): VY002457.D (-1593) (-)

Time-->



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY002494.D

Acq: 28 Apr 2020 15:04

Instrument :

MSVOA_Y

ClientSampleId :

S-10A

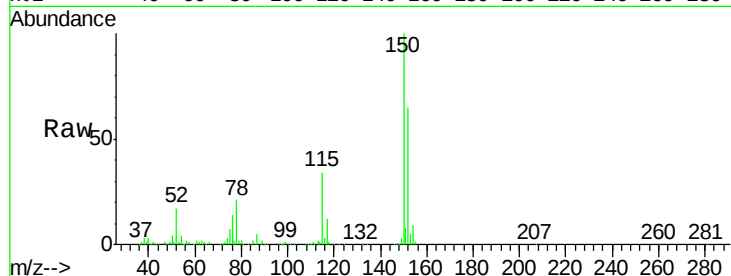
Tot Ion:152 Resp: 99413

Ion Ratio Lower Upper

152 100

115 53.8 27.3 81.8

150 156.1 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

