

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042820\
 Data File : VY002496.D
 Acq On : 28 Apr 2020 15:49
 Operator : SY/MD
 Sample : L2428-06
 Misc : 5.04G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-9A

Quant Time: Apr 29 00:44:35 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

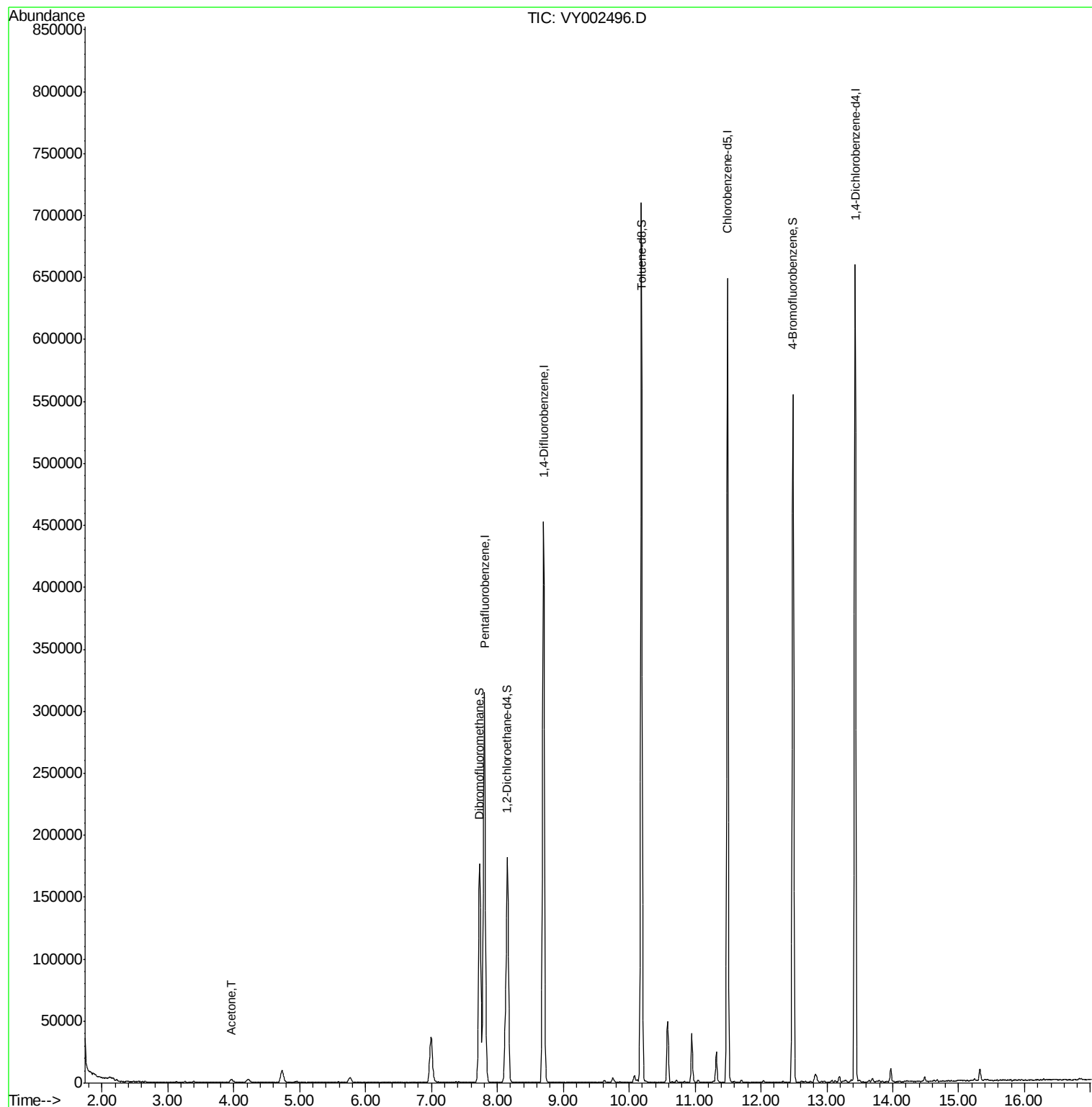
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	257633	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.70	114	405809	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	369954	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	184798	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	131540	58.42	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	116.84%	
35) Dibromofluoromethane	7.73	113	122963	53.72	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	107.44%	
50) Toluene-d8	10.19	98	477908	51.95	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	103.90%	
62) 4-Bromofluorobenzene	12.49	95	153862	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
Target Compounds						
16) Acetone	3.96	43	4409	9.369	ug/l	Qvalue 95

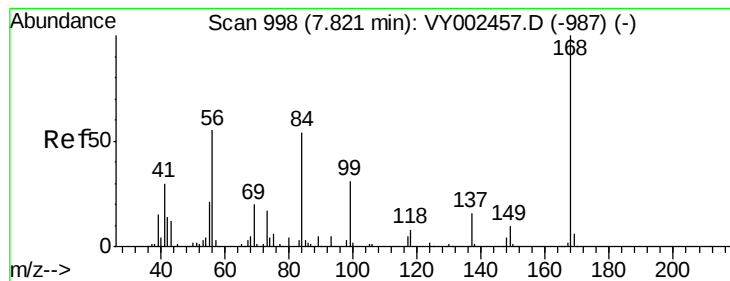
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002496.D

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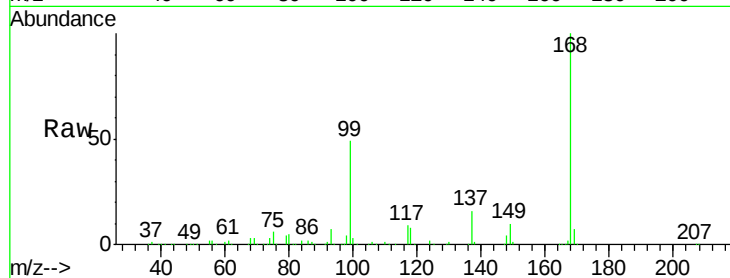
S-9A

Tot Ion:168 Resp: 257633

Ion Ratio Lower Upper

168 100

99 49.3 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) (-)

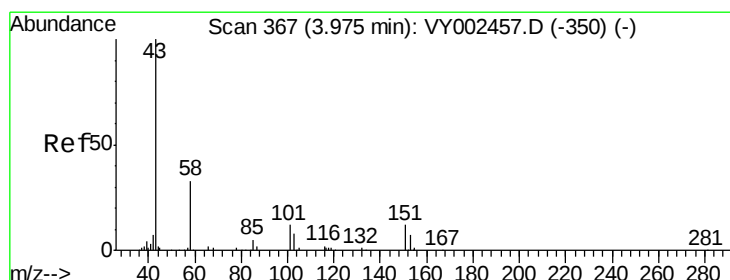
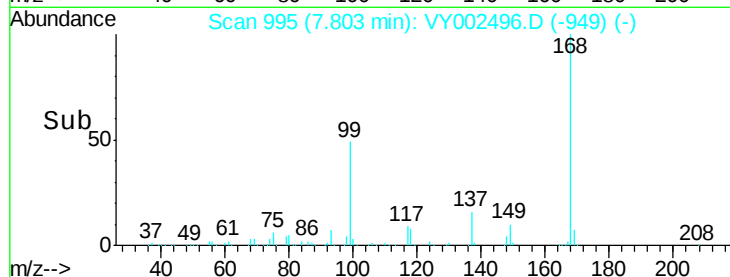
7.80

100000

50000

0

Time-->



#16

Acetone

Concen: 9.369 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.02 min

Lab File: VY002496.D

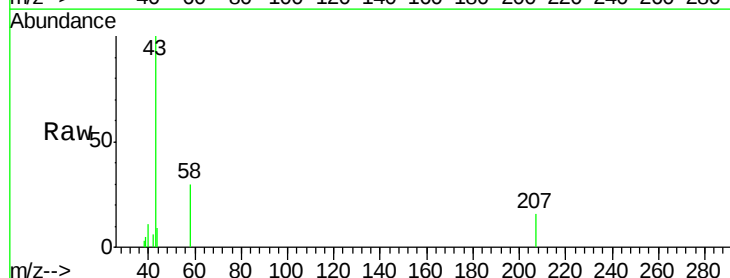
Acq: 28 Apr 2020 15:49

Tgt Ion: 43 Resp: 4409

Ion Ratio Lower Upper

43 100

58 30.4 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

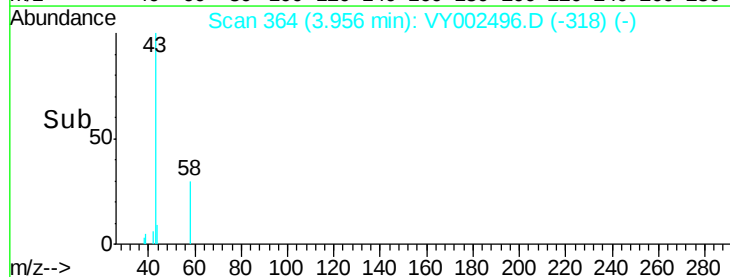
1500

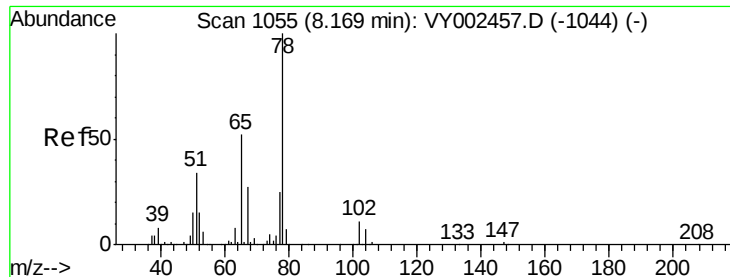
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 58.416 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002496.D

Acq: 28 Apr 2020 15:49

Instrument :

MSVOA_Y

ClientSampleId :

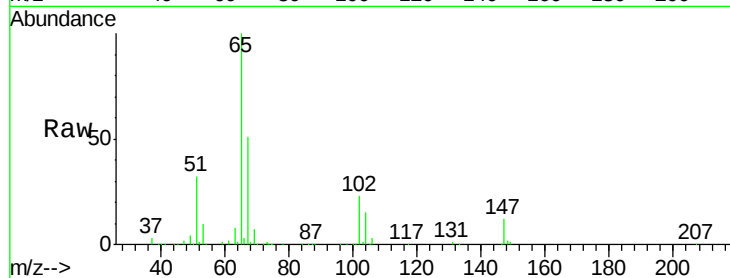
S-9A

Tot Ion: 65 Resp: 131540

Ion Ratio Lower Upper

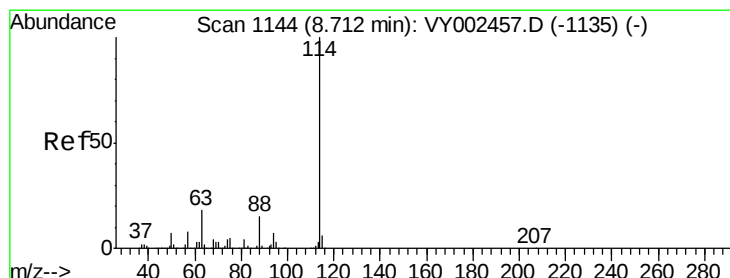
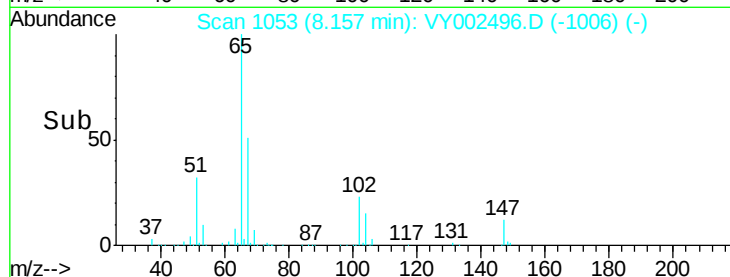
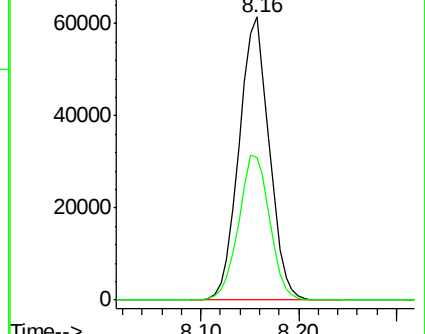
65 100

67 52.9 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: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002496.D

Acq: 28 Apr 2020 15:49

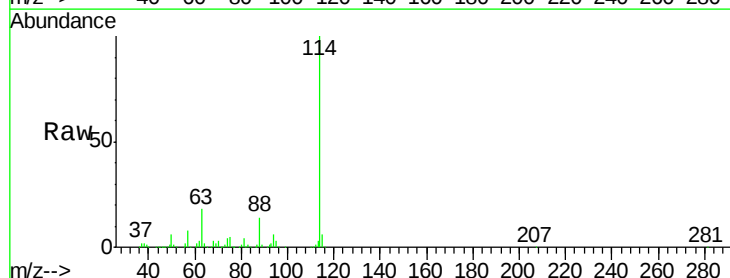
Tgt Ion: 114 Resp: 405809

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.6

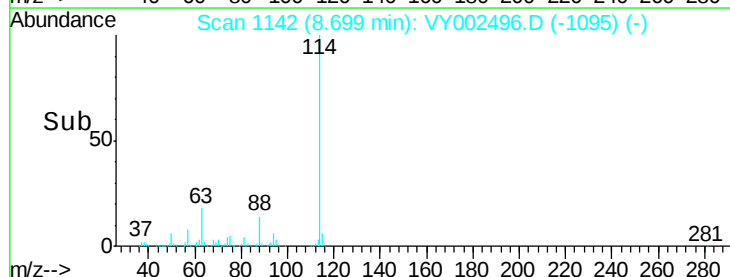
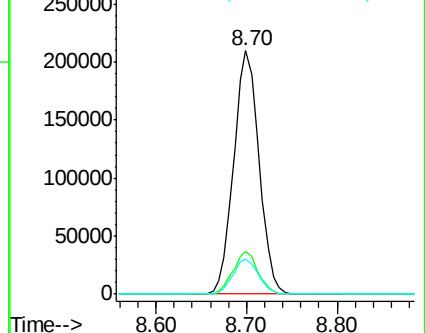
88 14.3 0.0 29.4

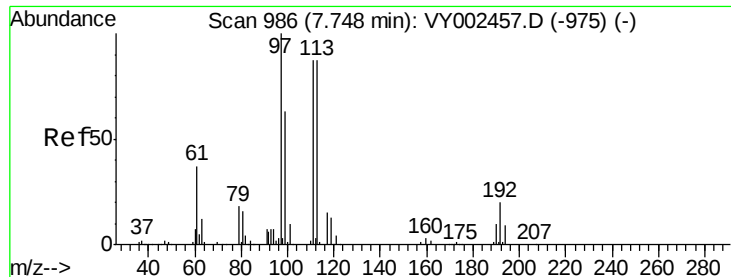


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

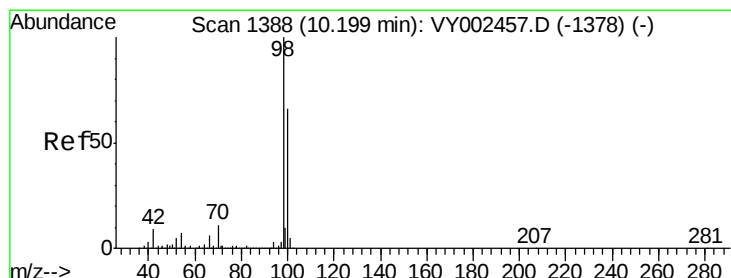
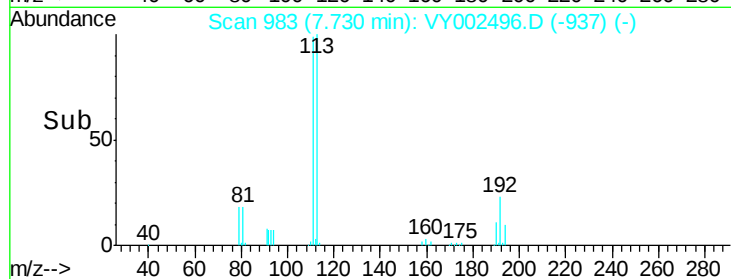
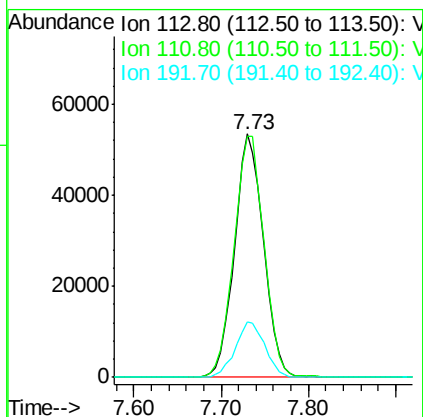
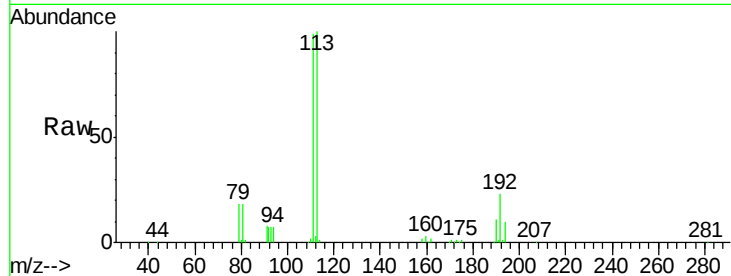




#35
 Dibromofluoromethane
 Concen: 53.720 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: VY002496.D
 Acq: 28 Apr 2020 15:49

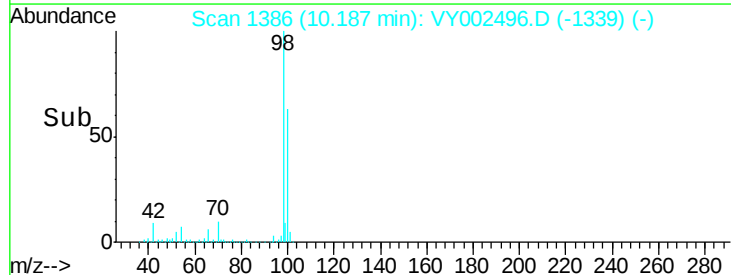
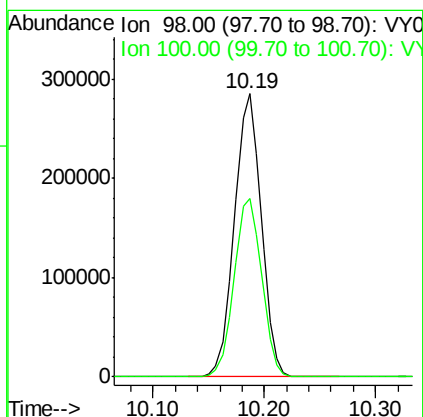
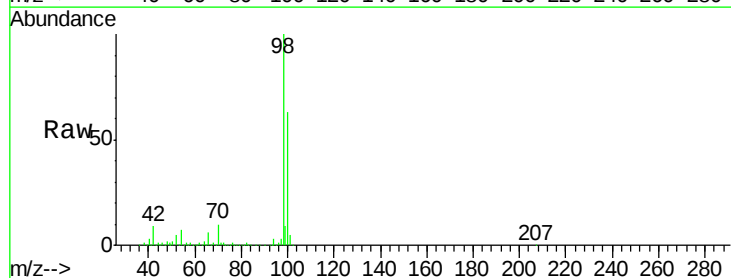
Instrument :
 MSVOA_Y
 ClientSampleId :
 S-9A

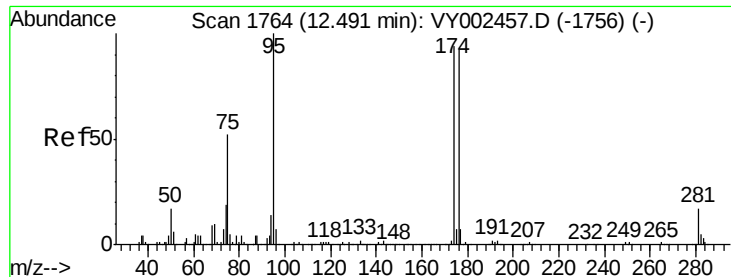
Tot Ion:113 Resp: 122963
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.0 121.4
 192 23.2 18.6 27.8



#50
 Toluene-d8
 Concen: 51.947 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: VY002496.D
 Acq: 28 Apr 2020 15:49

Tgt Ion: 98 Resp: 477908
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.1 76.7





#62

4-Bromofluorobenzene

Concen: 49.843 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002496.D

Acq: 28 Apr 2020 15:49

Instrument :

MSVOA_Y

ClientSampleId :

S-9A

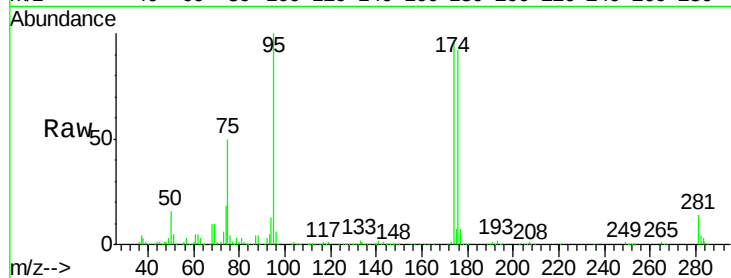
Tot Ion: 95 Resp: 153862

Ion Ratio Lower Upper

95 100

174 97.2 0.0 193.0

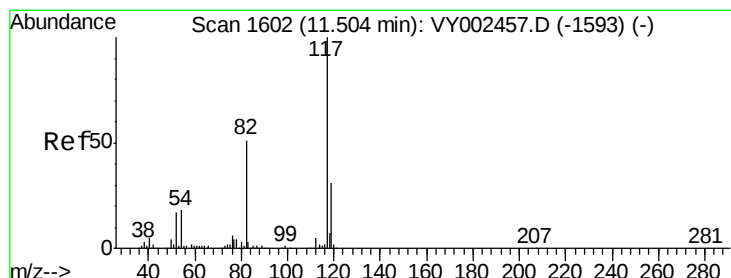
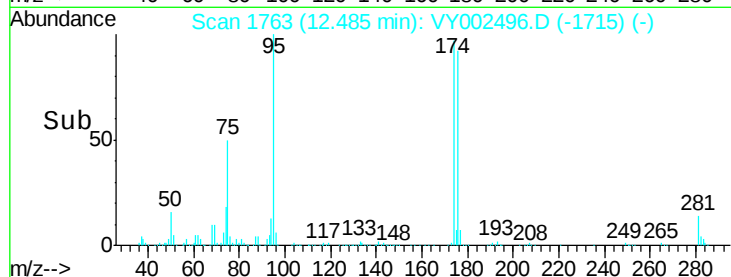
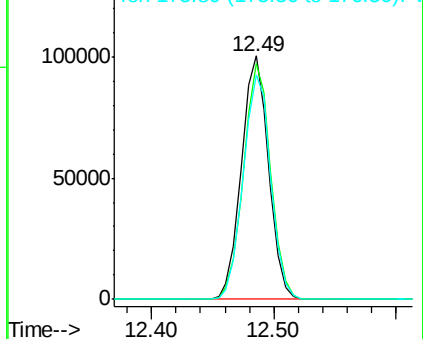
176 93.8 0.0 190.4



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.01 min

Lab File: VY002496.D

Acq: 28 Apr 2020 15:49

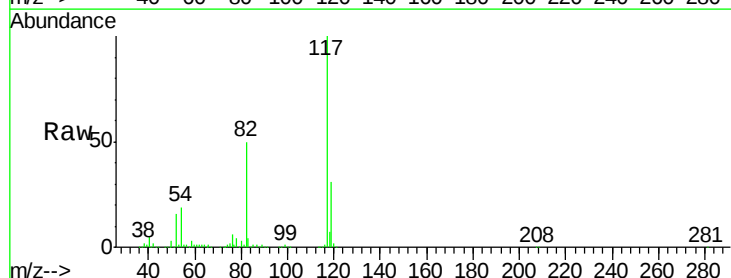
Tgt Ion: 117 Resp: 369954

Ion Ratio Lower Upper

117 100

82 50.1 40.8 61.2

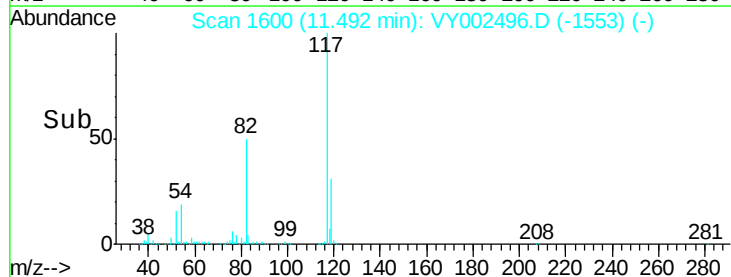
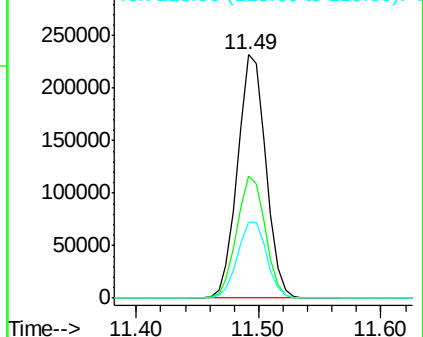
119 31.4 25.2 37.8

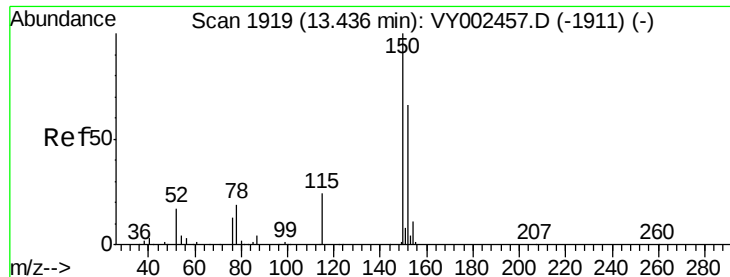


Abundance Ion 116.90 (116.60 to 117.60): VY002457.D (-1593) (-)

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

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY002496.D

Acq: 28 Apr 2020 15:49

Instrument :

MSVOA_Y

ClientSampleId :

S-9A

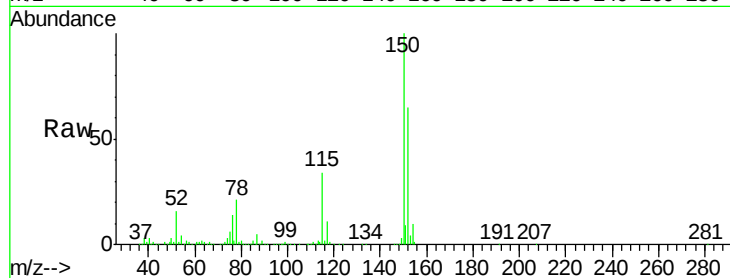
Tot Ion:152 Resp: 184798

Ion Ratio Lower Upper

152 100

115 54.0 27.3 81.8

150 155.5 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

