

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060520\
 Data File : VY002850.D
 Acq On : 05 Jun 2020 15:50
 Operator : SY/MD
 Sample : L2890-03
 Misc : 6.98G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11979-72-11969

Quant Time: Jun 06 08:21:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

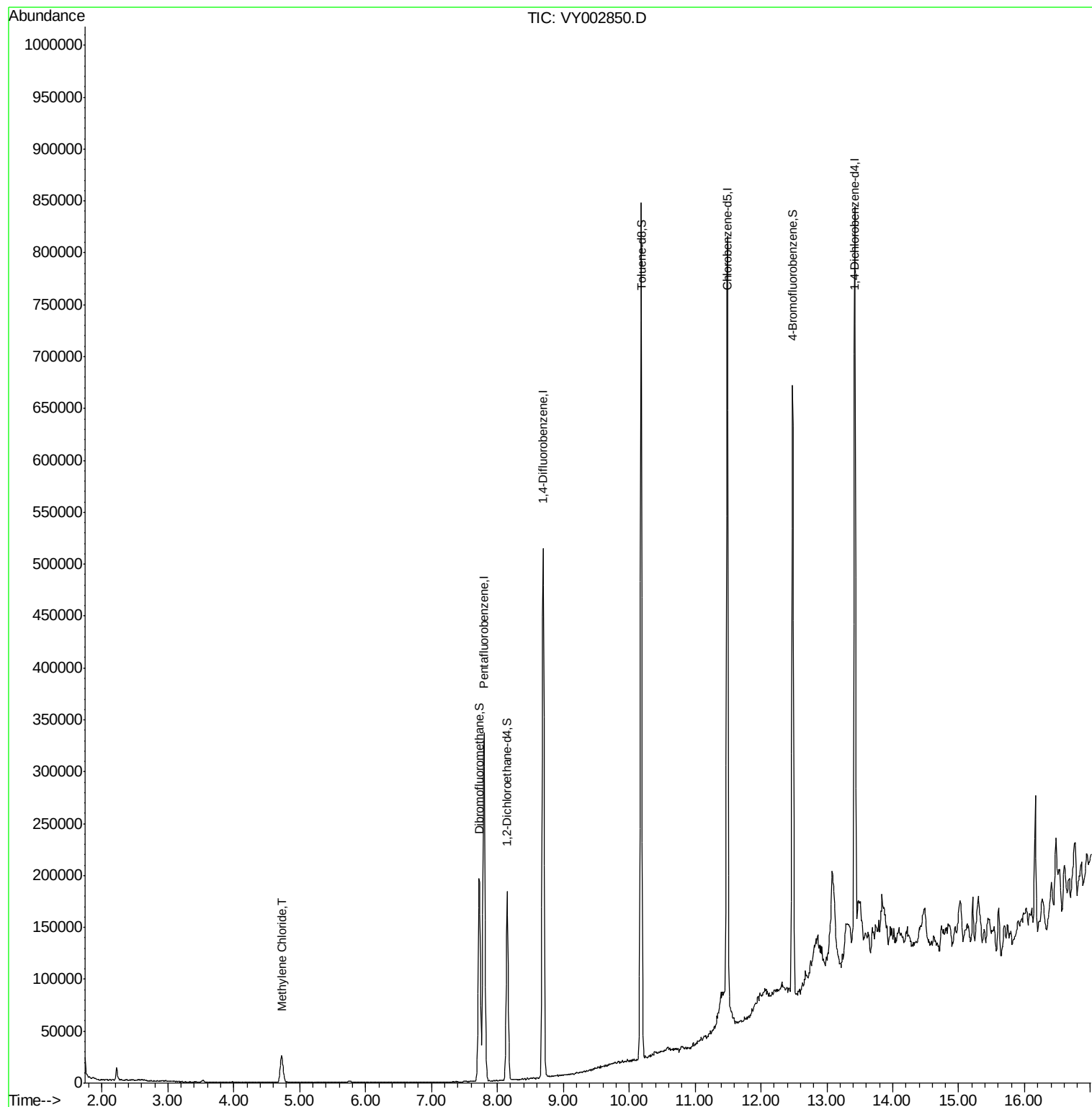
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	285887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	463209	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	432294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	189596	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	137564	55.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.84%	
35) Dibromofluoromethane	7.72	113	141154	52.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.00%	
50) Toluene-d8	10.18	98	552796	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
62) 4-Bromofluorobenzene	12.48	95	183543	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
Target Compounds						
20) Methylene Chloride	4.73	84	21576	7.585	ug/l	Qvalue 96

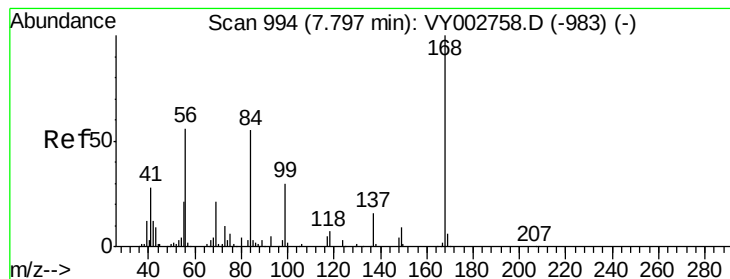
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002850.D

Acq: 05 Jun 2020 15:50

Instrument :

MSVOA_Y

ClientSampleId :

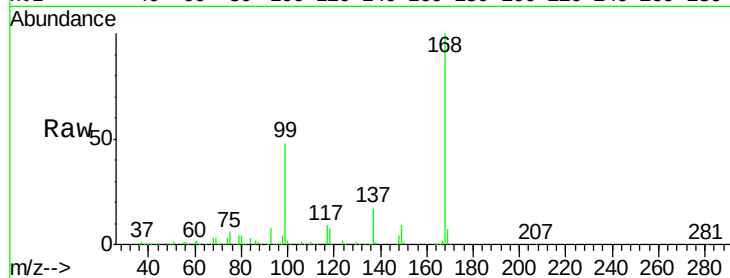
72-11979-72-11969

Tot Ion:168 Resp: 285887

Ion Ratio Lower Upper

168 100

99 47.5 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002850.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002850.D (-945) (-)

7.80

150000

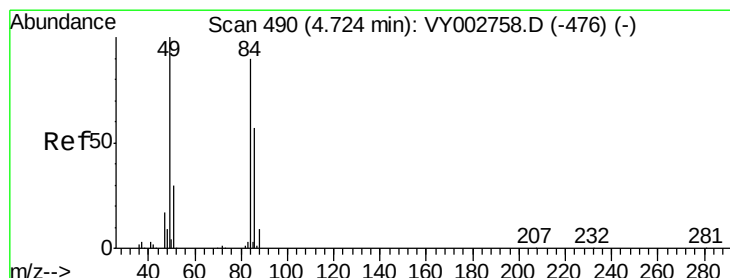
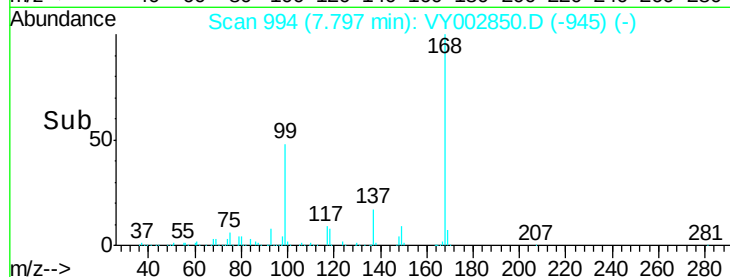
100000

50000

0

7.70 7.80 7.90

Time-->



#20

Methylene Chloride

Concen: 7.585 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY002850.D

Acq: 05 Jun 2020 15:50

Tgt Ion: 84 Resp: 21576

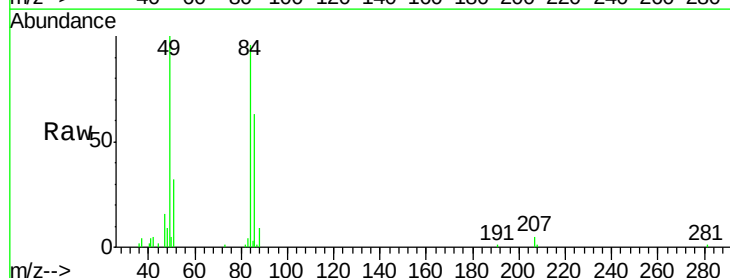
Ion Ratio Lower Upper

84 100

49 104.4 88.5 132.7

51 33.9 26.8 40.2

86 66.3 50.6 75.8



Abundance Ion 83.90 (83.60 to 84.60): VY002850.D (-441) (-)

Ion 48.90 (48.60 to 49.60): VY002850.D (-441) (-)

Ion 50.90 (50.60 to 51.60): VY002850.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY002850.D (-441) (-)

4.73

12000

10000

8000

6000

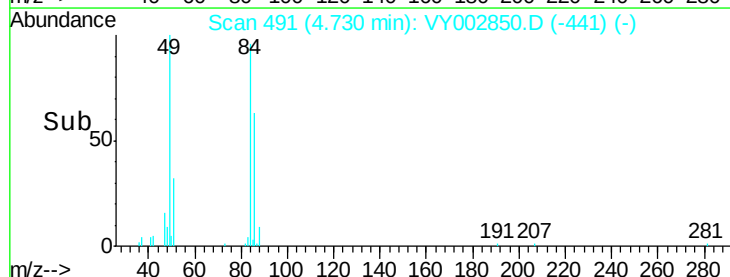
4000

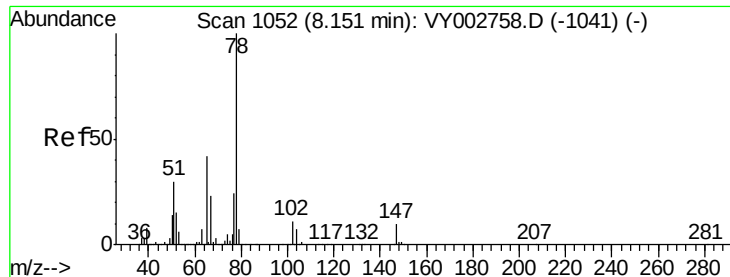
2000

0

4.60 4.70 4.80

Time-->

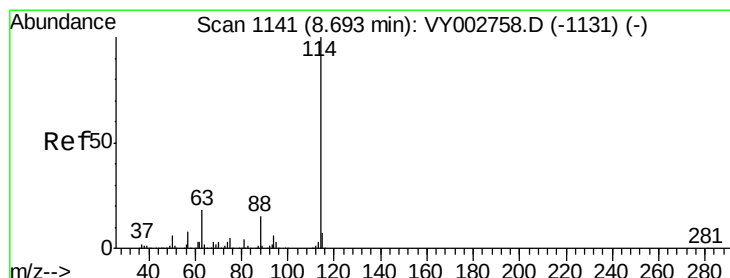
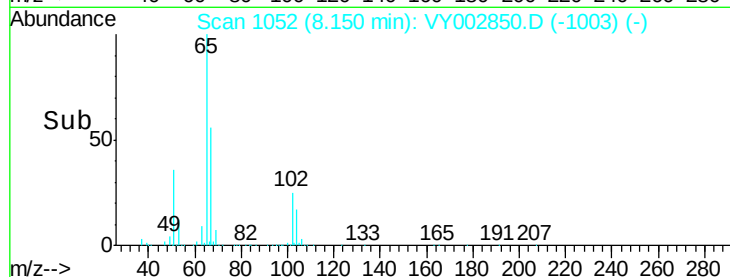
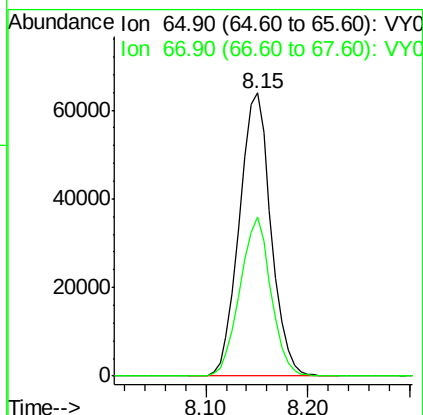
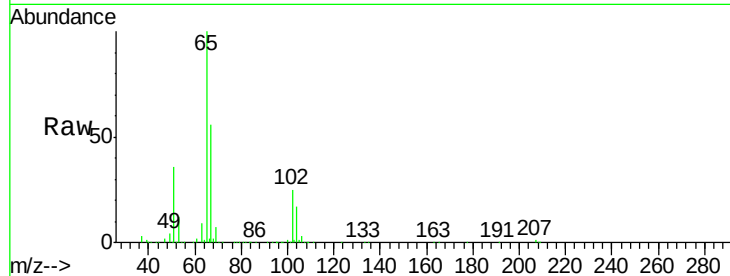




#33
 1,2-Dichloroethane-d4
 Concen: 55.418 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY002850.D
 Acq: 05 Jun 2020 15:50

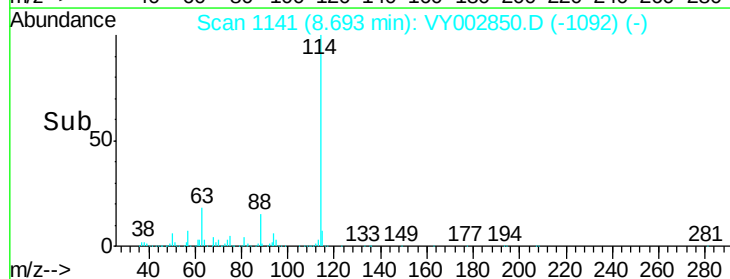
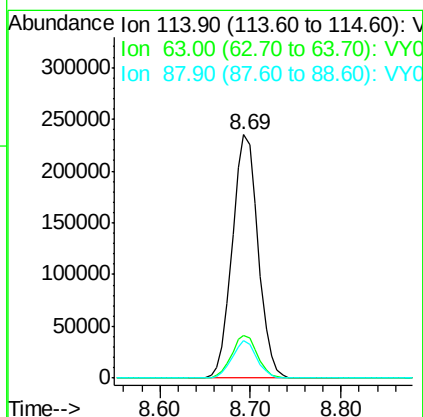
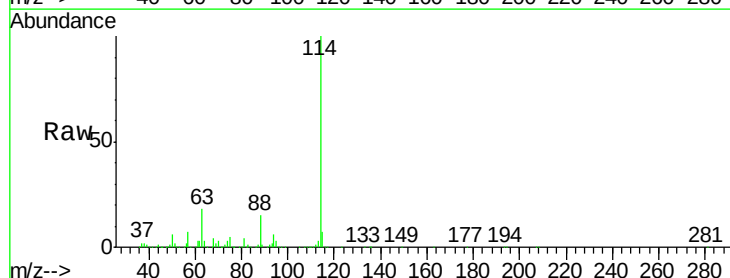
Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11979-72-11969

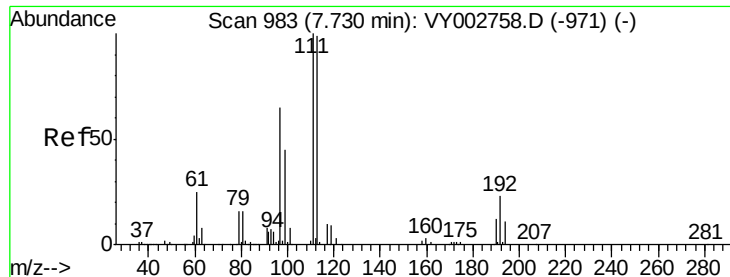
Tot Ion: 65 Resp: 137564
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002850.D
 Acq: 05 Jun 2020 15:50

Tgt Ion: 114 Resp: 463209
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 35.2
 88 15.3 0.0 29.2

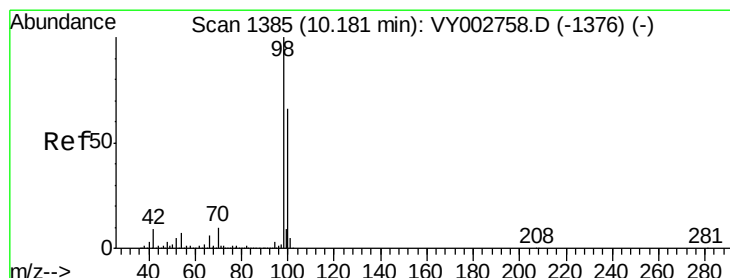
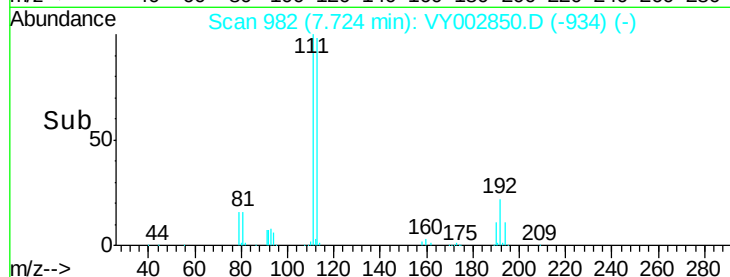
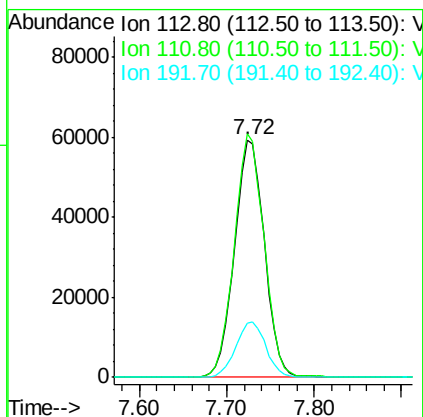
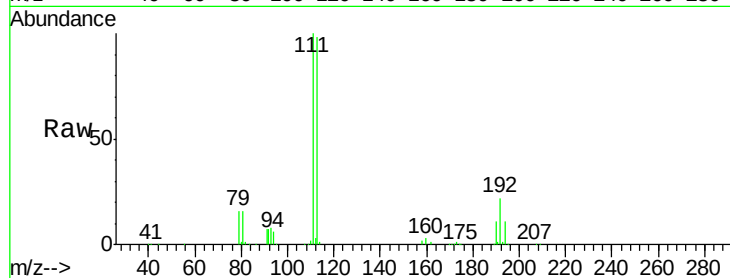




#35
Dibromofluoromethane
Concen: 51.997 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY002850.D
Acq: 05 Jun 2020 15:50

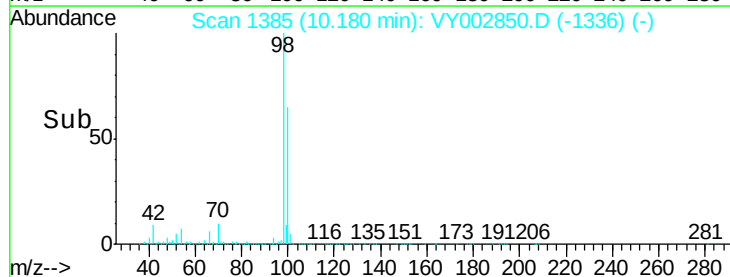
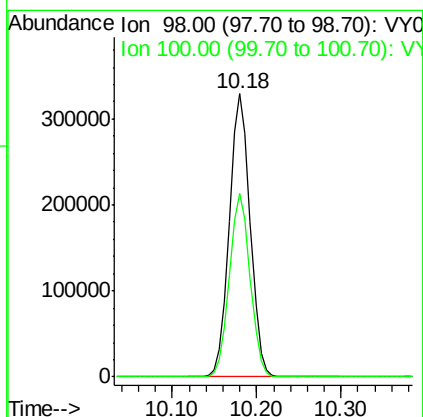
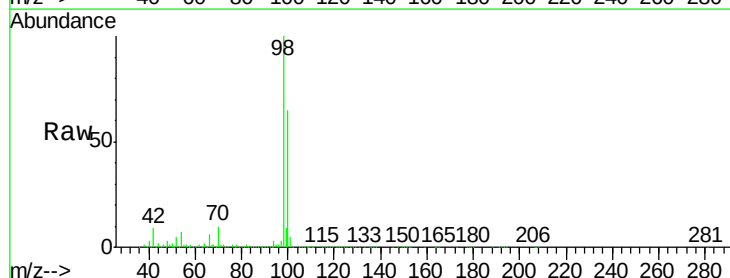
Instrument :
MSVOA_Y
ClientSampleId :
72-11979-72-11969

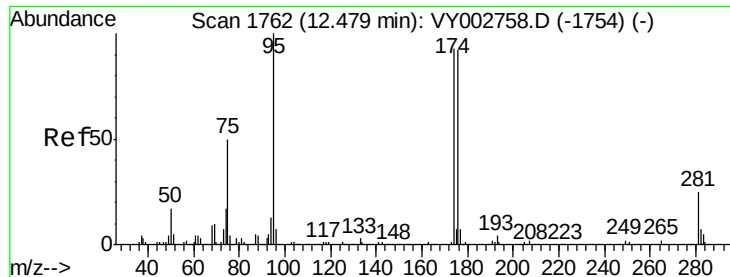
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.0	123.0
192	23.4	18.9	28.3



#50
Toluene-d8
Concen: 50.364 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY002850.D
Acq: 05 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.2	78.2





#62

4-Bromofluorobenzene

Concen: 48.931 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY002850.D

Acq: 05 Jun 2020 15:50

Instrument :

MSVOA_Y

ClientSampleId :

72-11979-72-11969

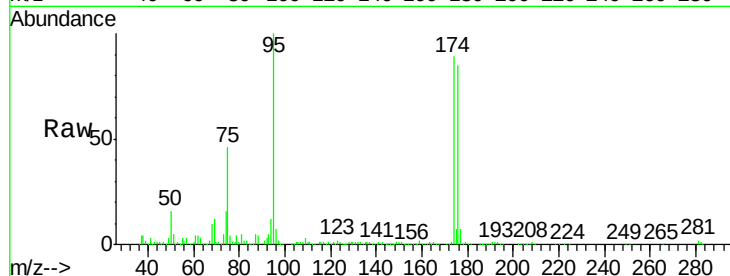
Tot Ion: 95 Resp: 183543

Ion Ratio Lower Upper

95 100

174 93.5 0.0 191.2

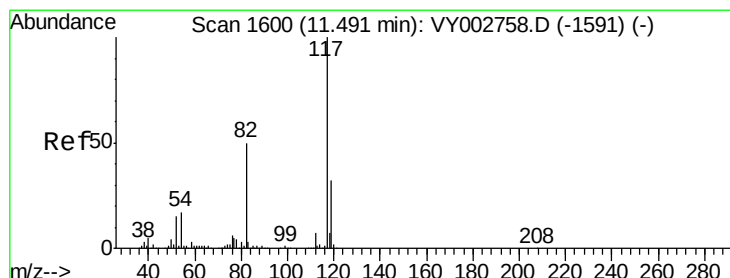
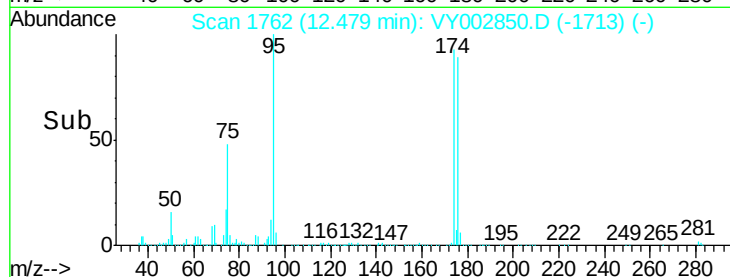
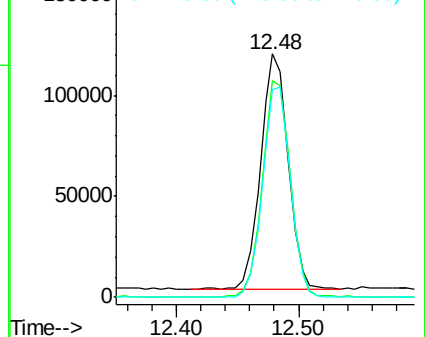
176 90.0 0.0 188.8



Abundance Ion 94.90 (94.60 to 95.60): VY002850.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY002850.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY002850.D (-1754) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY002850.D

Acq: 05 Jun 2020 15:50

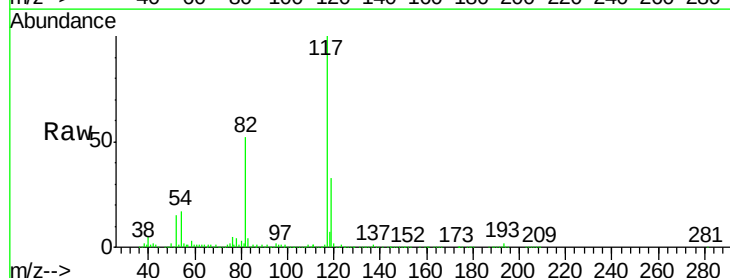
Tgt Ion: 117 Resp: 432294

Ion Ratio Lower Upper

117 100

82 51.6 40.2 60.4

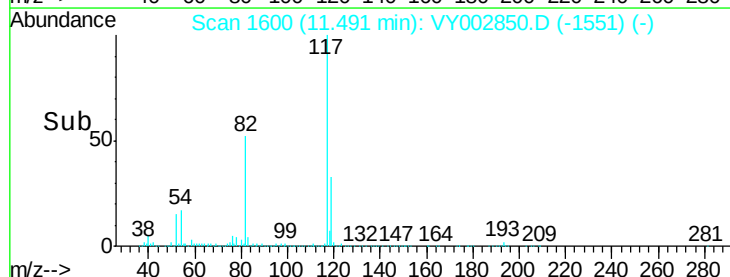
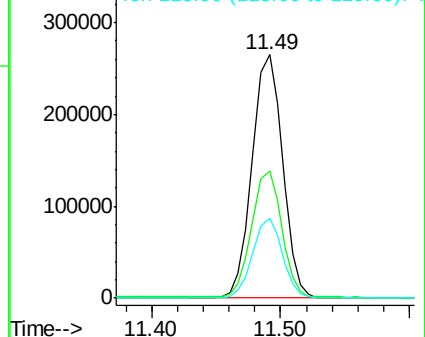
119 32.4 25.8 38.8

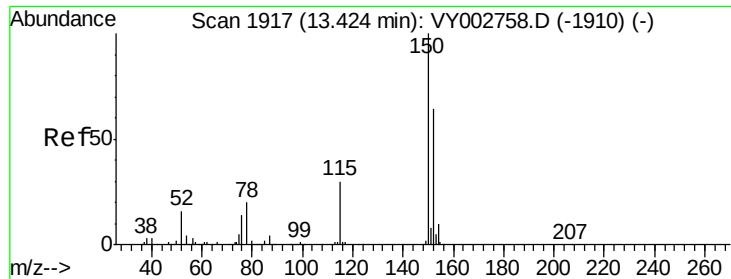


Abundance Ion 116.90 (116.60 to 117.60): VY002850.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY002850.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY002850.D (-1591) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY002850.D

Acq: 05 Jun 2020 15:50

Instrument :

MSVOA_Y

ClientSampleId :

72-11979-72-11969

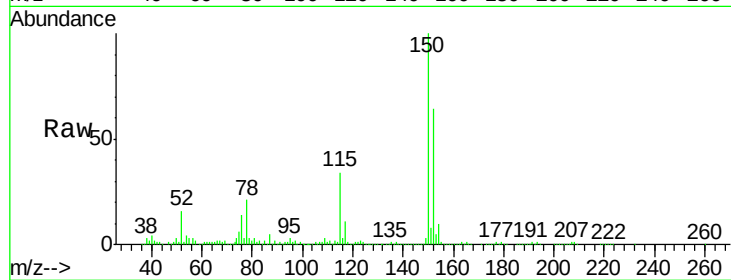
Tot Ion:152 Resp: 189596

Ion Ratio Lower Upper

152 100

115 54.0 27.0 81.0

150 158.5 0.0 344.8



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

