

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061120\
 Data File : VY002885.D
 Acq On : 11 Jun 2020 12:35
 Operator : SY/MD
 Sample : L2972-06
 Misc : 7.44G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCK-PILE-2

Quant Time: Jun 11 16:52:37 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

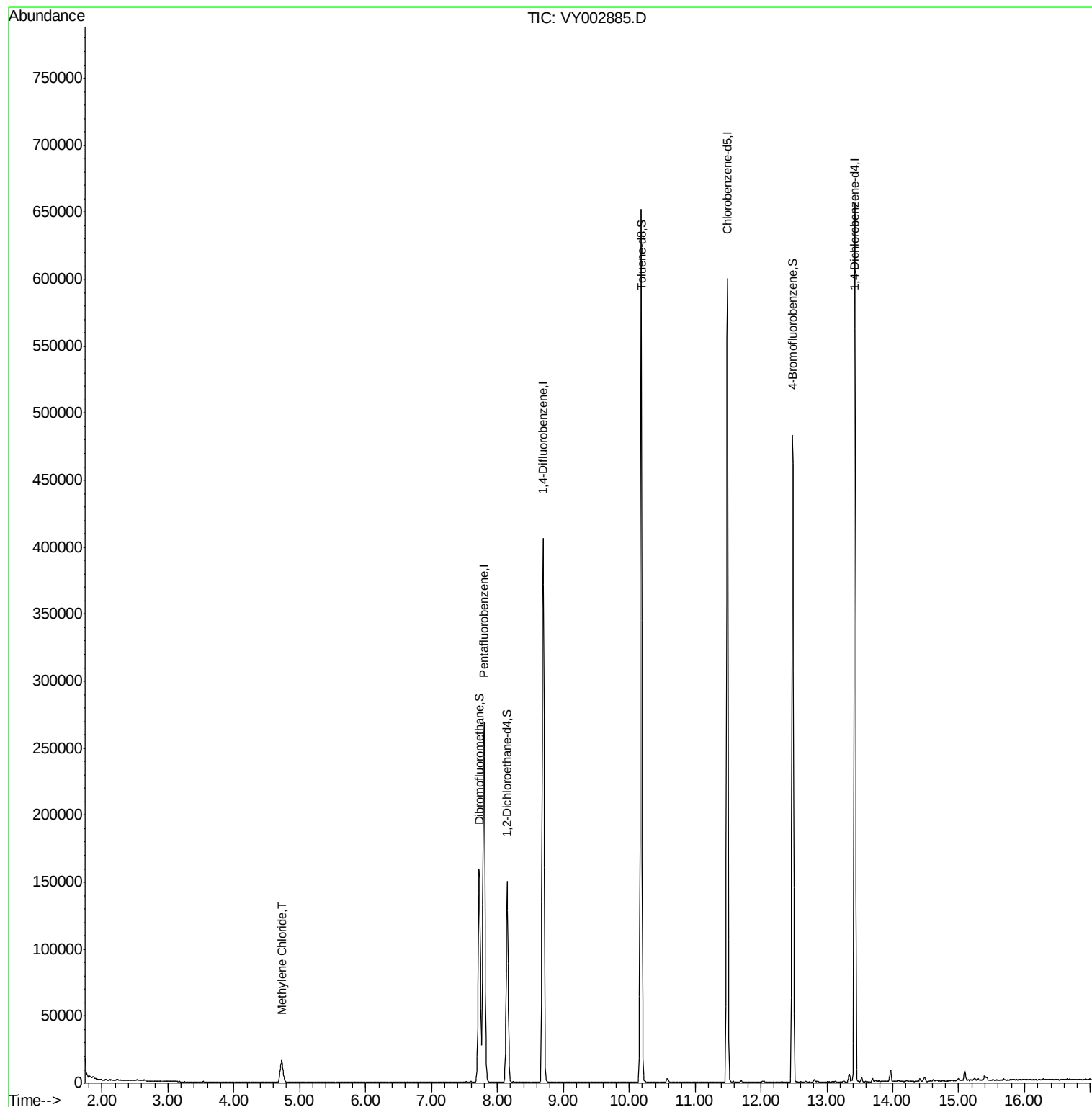
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	225682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	369506	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	349810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	177802	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	115551	58.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.94%	
35) Dibromofluoromethane	7.72	113	113226	52.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.58%	
50) Toluene-d8	10.18	98	438254	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
62) 4-Bromofluorobenzene	12.48	95	146965	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
Target Compounds						
20) Methylene Chloride	4.72	84	13375	5.956	ug/l	Qvalue 89

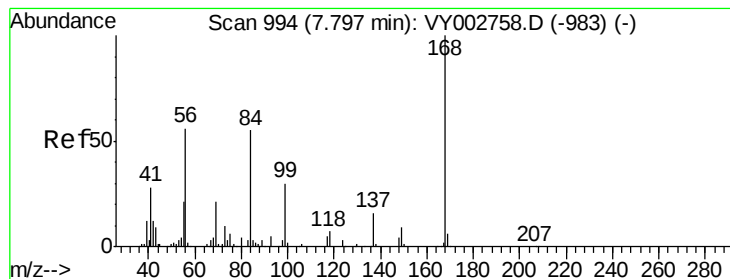
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002885.D

Acq: 11 Jun 2020 12:35

Instrument :

MSVOA_Y

ClientSampleId :

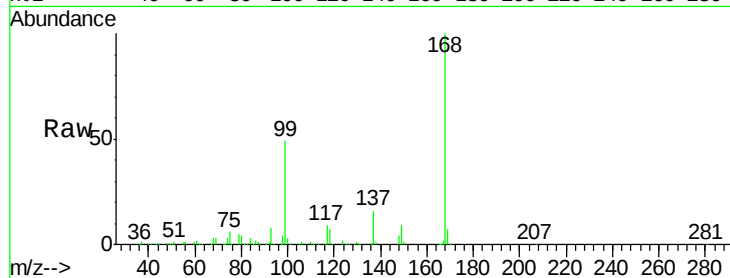
STOCK-PILE-2

Tot Ion:168 Resp: 225682

Ion Ratio Lower Upper

168 100

99 48.6 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002885.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002885.D (-945) (-)

7.80

100000

80000

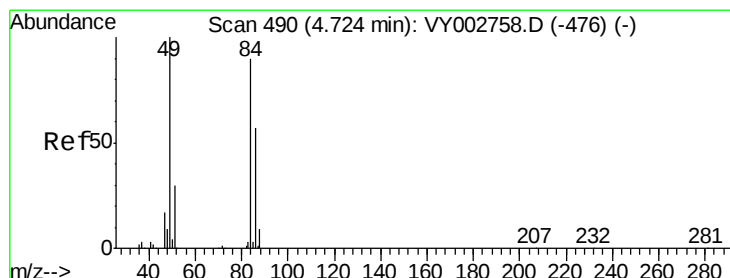
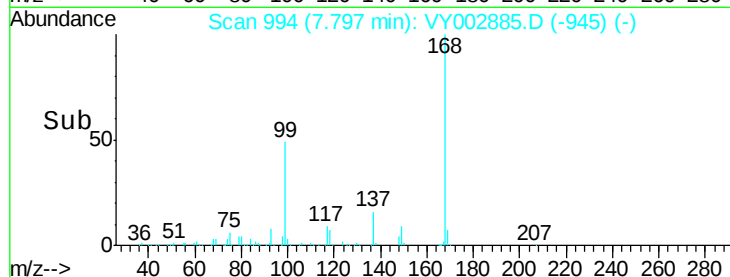
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 5.956 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY002885.D

Acq: 11 Jun 2020 12:35

Tgt Ion: 84 Resp: 13375

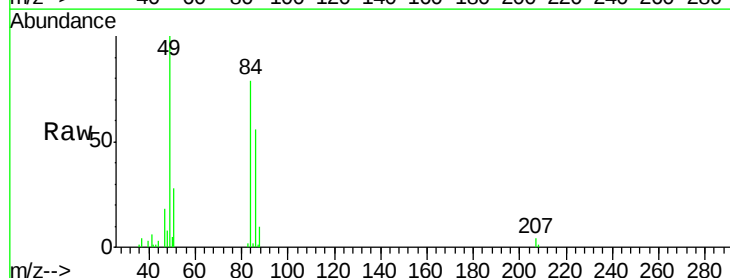
Ion Ratio Lower Upper

84 100

49 126.1 88.5 132.7

51 35.4 26.8 40.2

86 70.1 50.6 75.8



Abundance Ion 83.90 (83.60 to 84.60): VY002885.D (-441) (-)

Ion 48.90 (48.60 to 49.60): VY002885.D (-441) (-)

Ion 50.90 (50.60 to 51.60): VY002885.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY002885.D (-441) (-)

4.72

8000

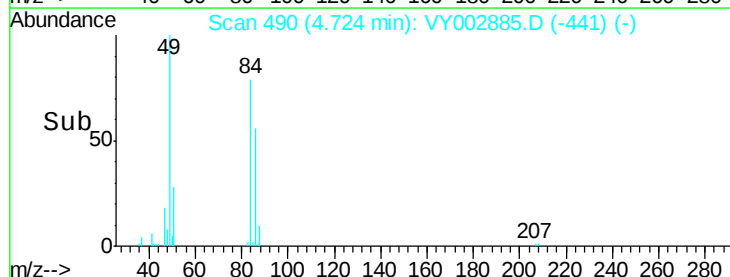
6000

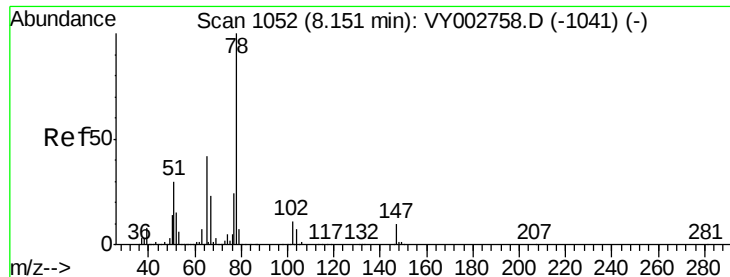
4000

2000

0

Time-->

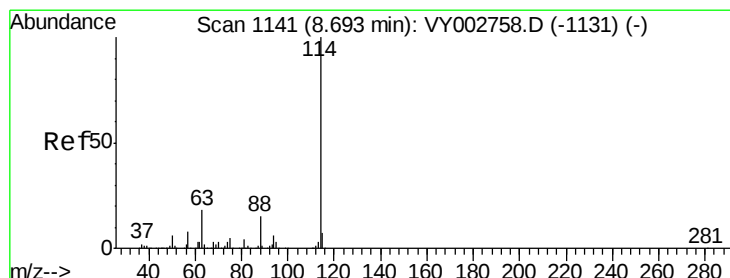
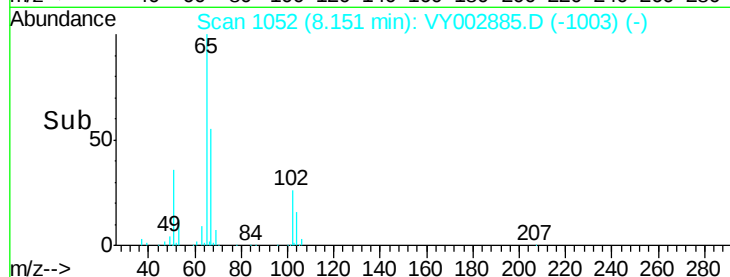
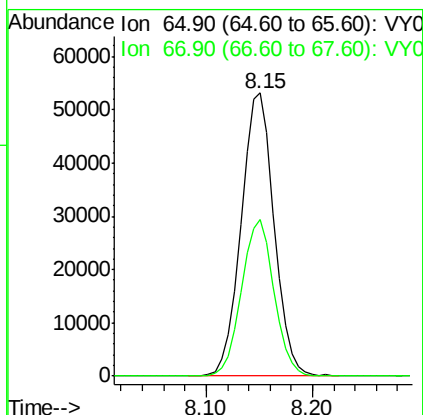
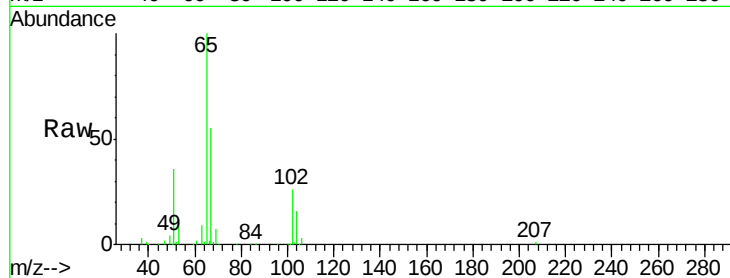




#33
 1,2-Dichloroethane-d4
 Concen: 58.968 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002885.D
 Acq: 11 Jun 2020 12:35

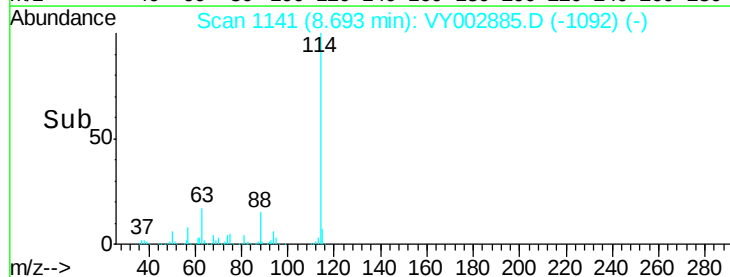
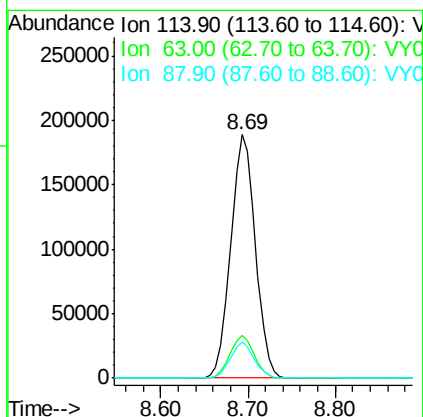
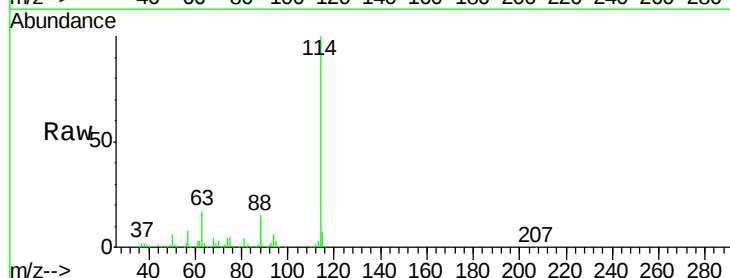
Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCK-PILE-2

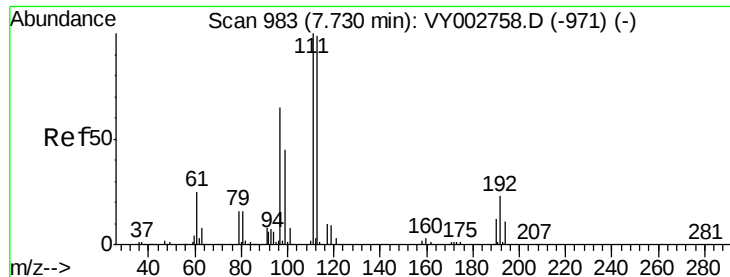
Tot Ion: 65 Resp: 115551
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002885.D
 Acq: 11 Jun 2020 12:35

Tgt Ion: 114 Resp: 369506
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 35.2
 88 14.7 0.0 29.2

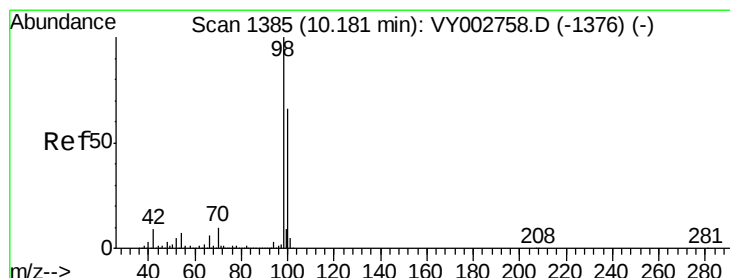
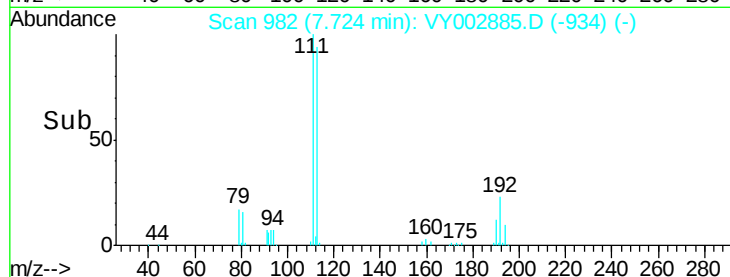
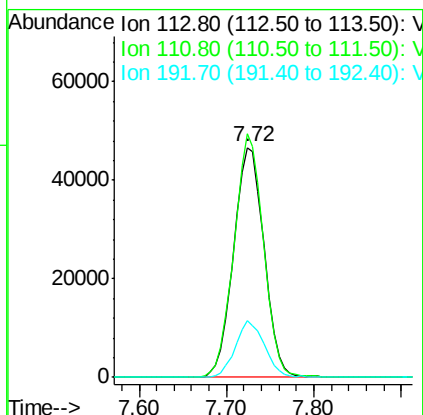
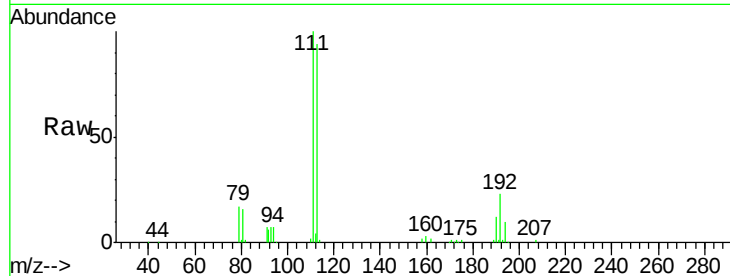




#35
 Dibromofluoromethane
 Concen: 52.287 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002885.D
 Acq: 11 Jun 2020 12:35

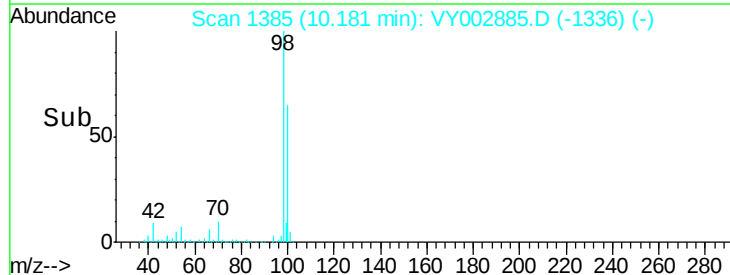
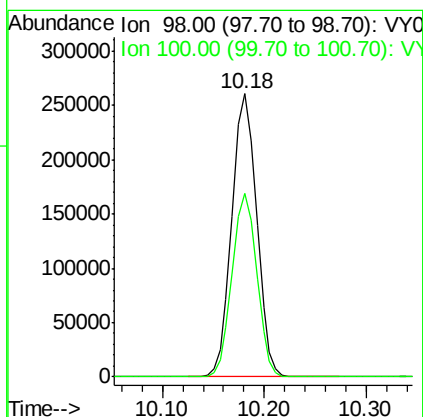
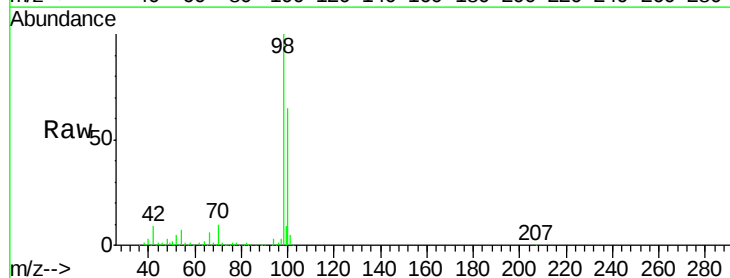
Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCK-PILE-2

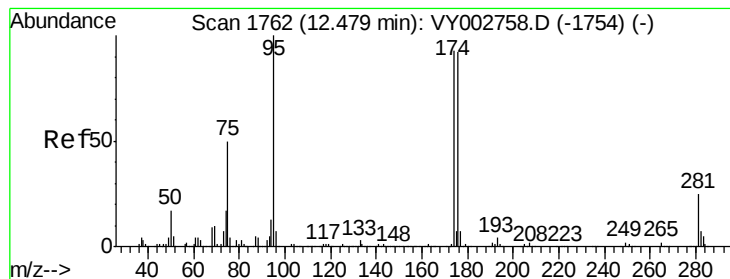
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.0	123.0
192	23.4	18.9	28.3



#50
 Toluene-d8
 Concen: 50.054 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY002885.D
 Acq: 11 Jun 2020 12:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.2	78.2





#62

4-Bromofluorobenzene

Concen: 49.115 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002885.D

Acq: 11 Jun 2020 12:35

Instrument :

MSVOA_Y

ClientSampleId :

STOCK-PILE-2

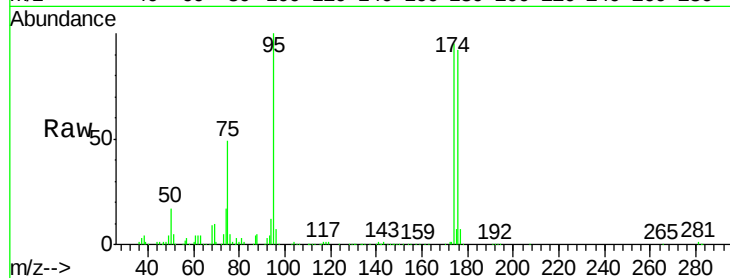
Tot Ion: 95 Resp: 146965

Ion Ratio Lower Upper

95 100

174 96.6 0.0 191.2

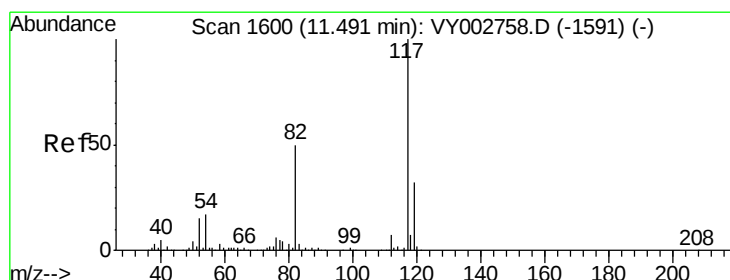
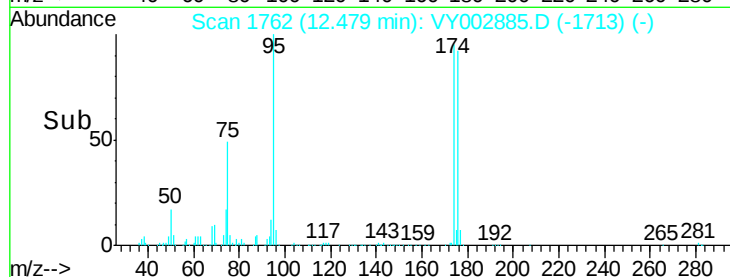
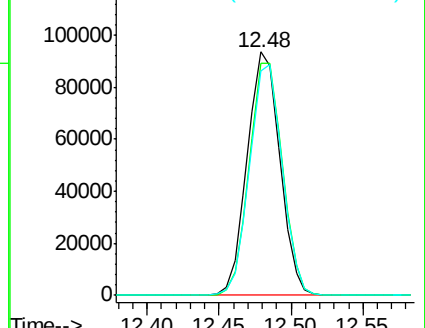
176 94.7 0.0 188.8



Abundance Ion 94.90 (94.60 to 95.60): VY002885.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY002885.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY002885.D (-1754) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY002885.D

Acq: 11 Jun 2020 12:35

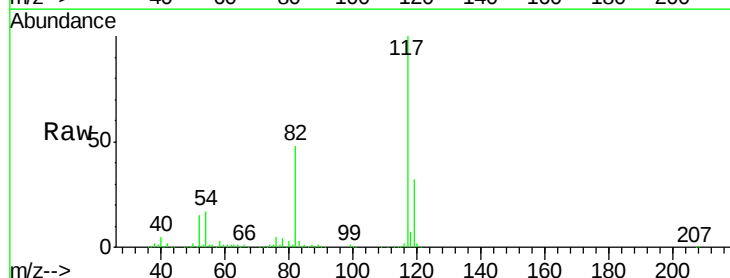
Tgt Ion: 117 Resp: 349810

Ion Ratio Lower Upper

117 100

82 48.2 40.2 60.4

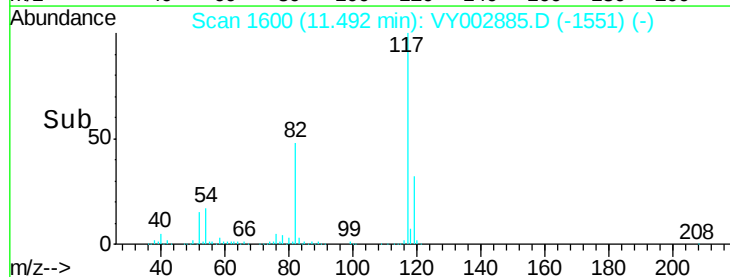
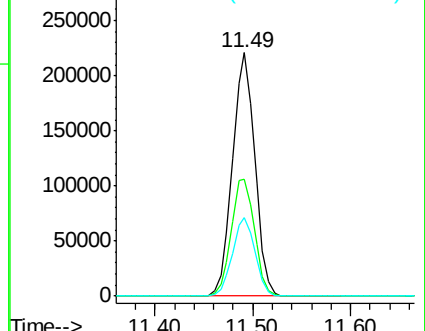
119 32.1 25.8 38.8

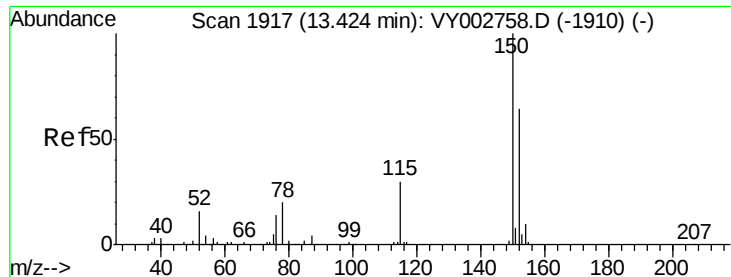


Abundance Ion 116.90 (116.60 to 117.60): VY002885.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY002885.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY002885.D (-1551) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002885.D

Acq: 11 Jun 2020 12:35

Instrument :

MSVOA_Y

ClientSampleId :

STOCK-PILE-2

Tot Ion:152 Resp: 177802

Ion Ratio Lower Upper

152 100

115 54.4 27.0 81.0

150 158.4 0.0 344.8

