

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072220\
 Data File : VY003290.D
 Acq On : 22 Jul 2020 15:57
 Operator : SY/MD
 Sample : L3351-04
 Misc : 7.27G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-1B

Quant Time: Jul 23 06:15:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

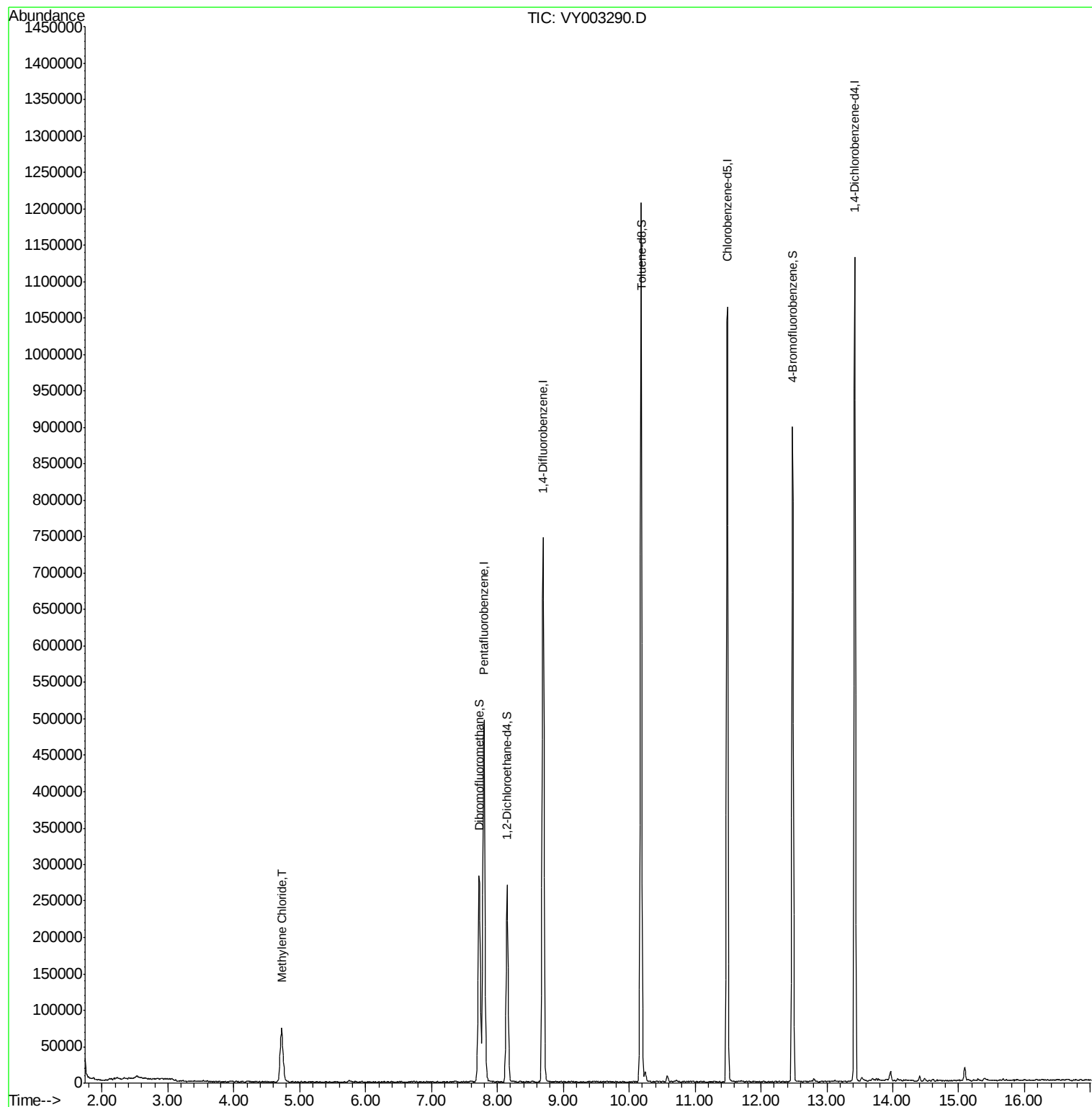
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	410337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	640572	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	592388	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	294203	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	207855	60.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.02%	
35) Dibromofluoromethane	7.72	113	199926	54.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.46%	
50) Toluene-d8	10.18	98	783545	57.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.34%	
62) 4-Bromofluorobenzene	12.48	95	252665	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
Target Compounds						
20) Methylene Chloride	4.72	84	57329	10.373	ug/l	Qvalue 98

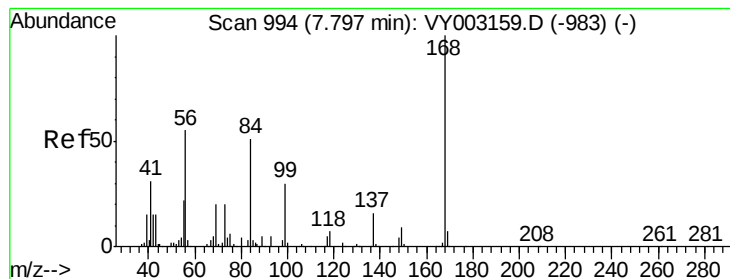
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003290.D

Acq: 22 Jul 2020 15:57

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MSVOA_Y

ClientSampleId :

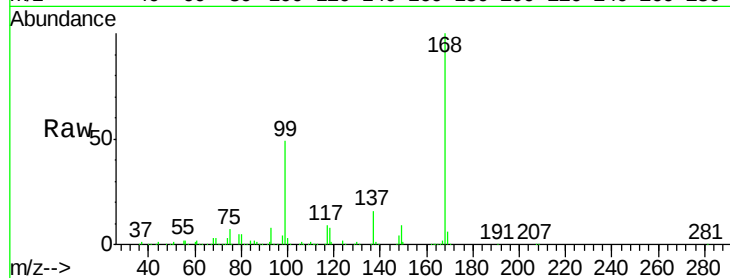
SAMPLE-1B

Tot Ion:168 Resp: 410337

Ion Ratio Lower Upper

168 100

99 48.8 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003290.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003290.D (-945) (-)

7.80

200000

150000

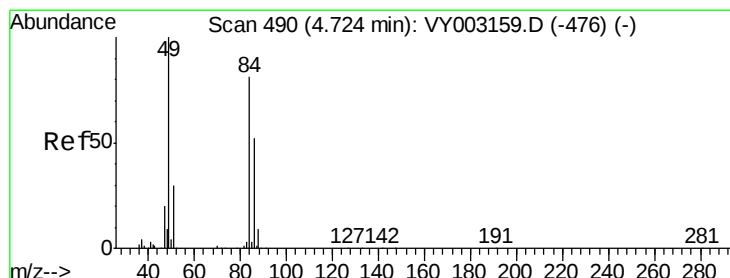
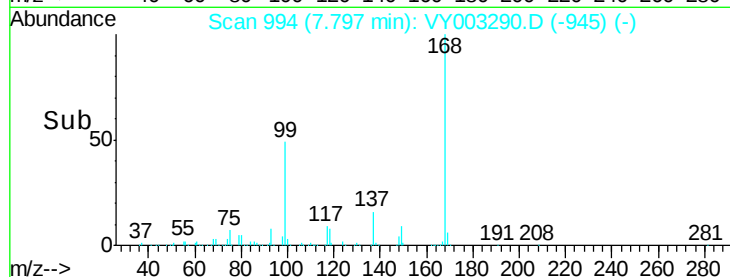
100000

50000

0

7.70 7.80 7.90

Time-->



#20

Methylene Chloride

Concen: 10.373 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003290.D

Acq: 22 Jul 2020 15:57

Tgt Ion: 84 Resp: 57329

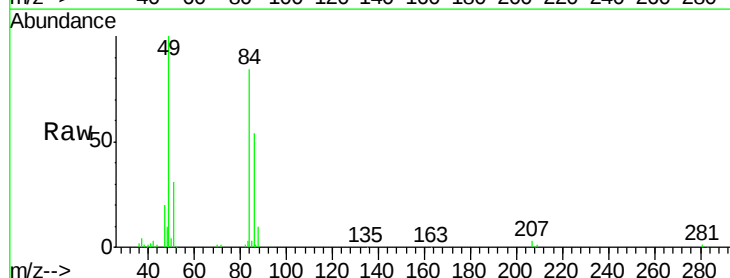
Ion Ratio Lower Upper

84 100

49 118.8 98.2 147.4

51 37.4 29.8 44.6

86 64.4 51.2 76.8



Abundance Ion 83.90 (83.60 to 84.60): VY003290.D (-441) (-)

Ion 48.90 (48.60 to 49.60): VY003290.D (-441) (-)

Ion 50.90 (50.60 to 51.60): VY003290.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY003290.D (-441) (-)

4.72

30000

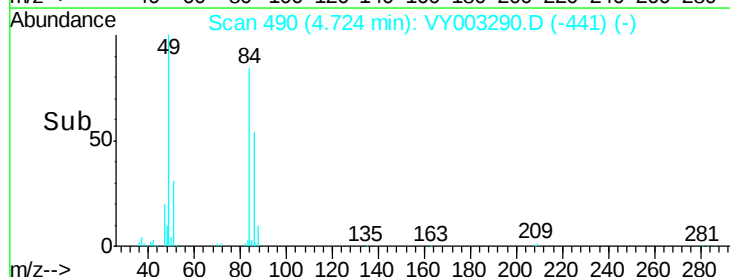
20000

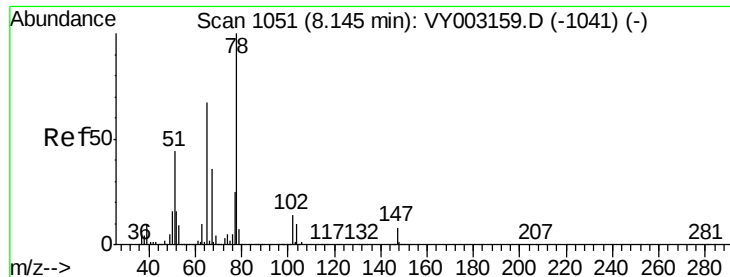
10000

0

4.60 4.70 4.80

Time-->

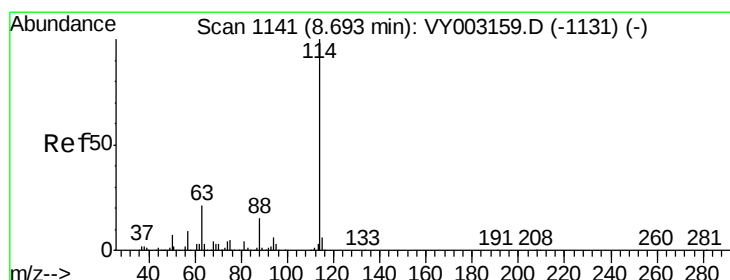
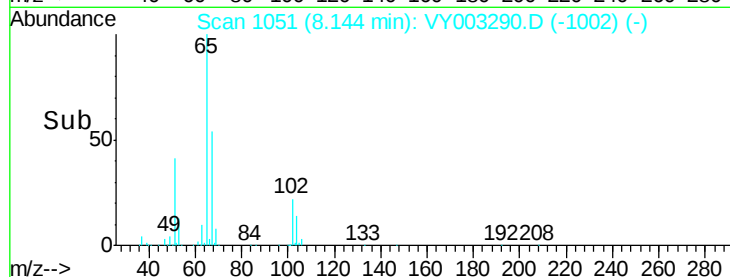
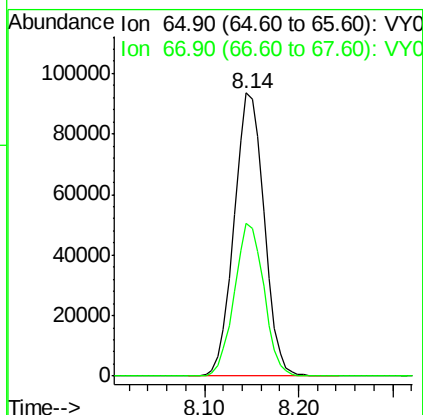
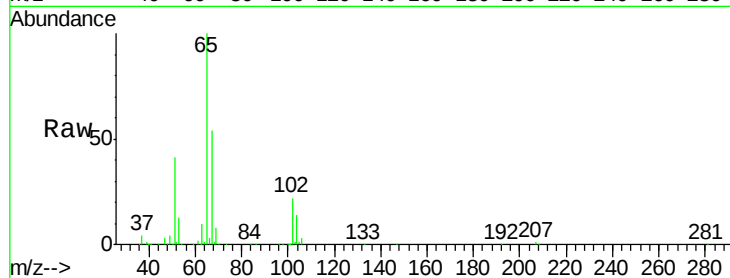




#33
 1,2-Dichloroethane-d4
 Concen: 60.015 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003290.D
 Acq: 22 Jul 2020 15:57

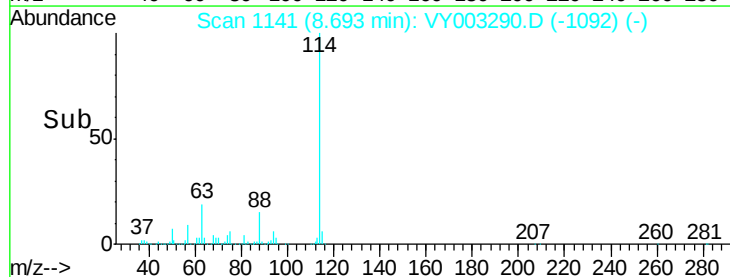
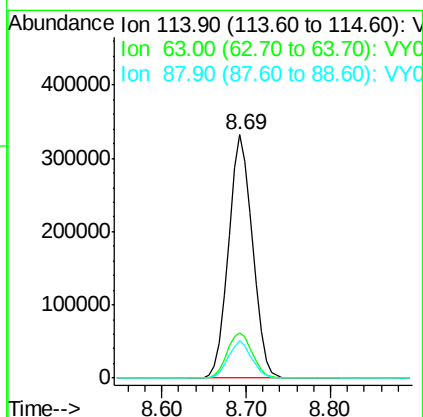
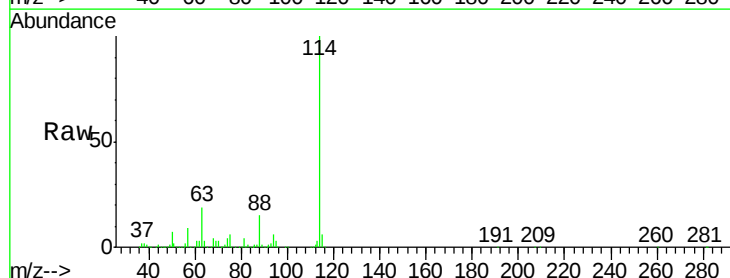
Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-1B

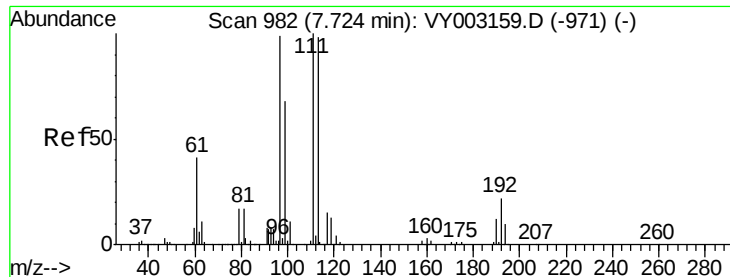
Tot Ion: 65 Resp: 207855
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003290.D
 Acq: 22 Jul 2020 15:57

Tgt Ion: 114 Resp: 640572
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 41.2
 88 15.2 0.0 30.2

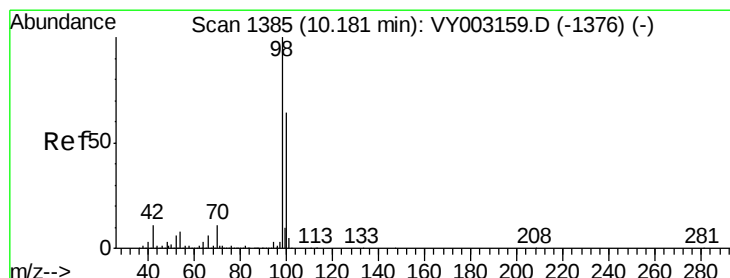
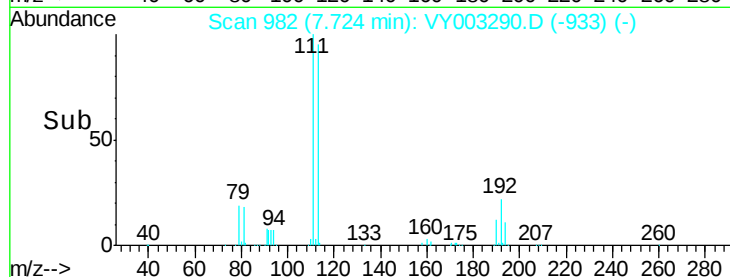
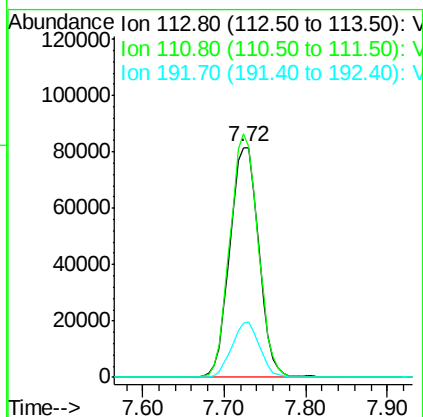
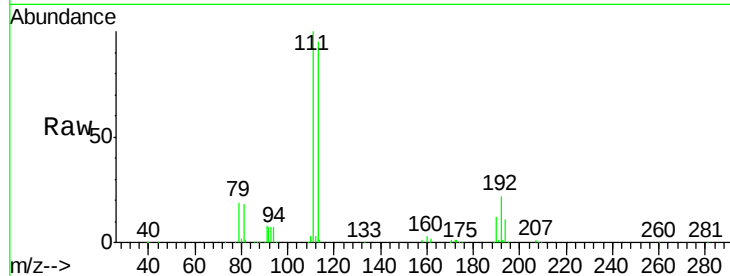




#35
Dibromofluoromethane
Concen: 54.234 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003290.D
Acq: 22 Jul 2020 15:57

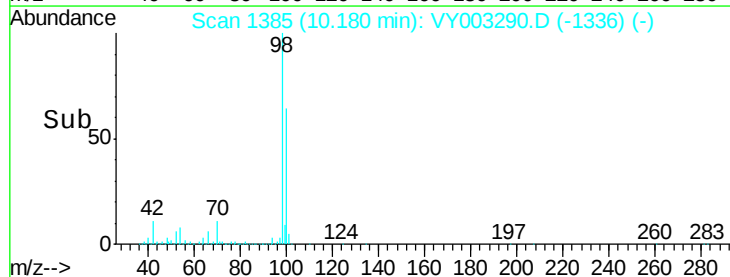
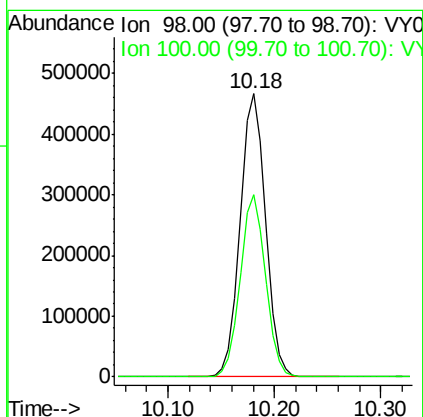
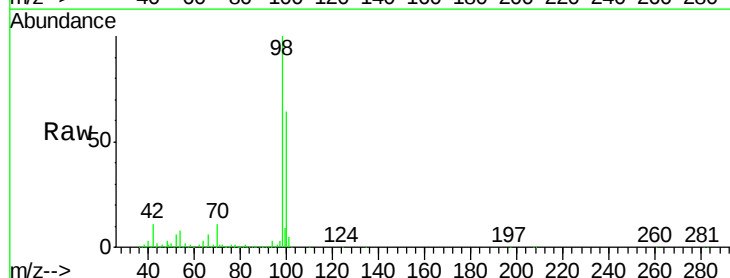
Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-1B

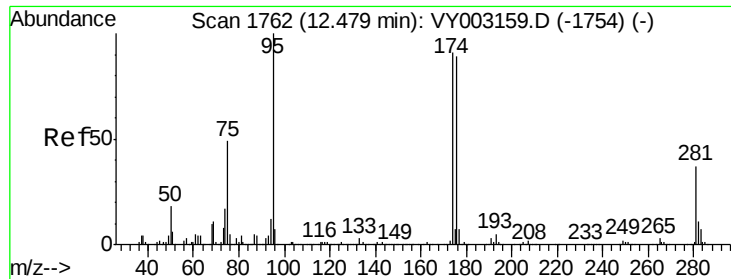
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.1	123.1
192	23.1	18.8	28.2



#50
Toluene-d8
Concen: 57.171 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003290.D
Acq: 22 Jul 2020 15:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.7	76.1





#62

4-Bromofluorobenzene

Concen: 51.032 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003290.D

Acq: 22 Jul 2020 15:57

Instrument :

MSVOA_Y

ClientSampleId :

SAMPLE-1B

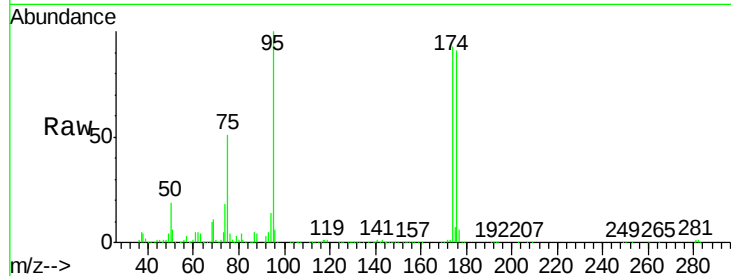
Tot Ion: 95 Resp: 252665

Ion Ratio Lower Upper

95 100

174 96.0 0.0 190.6

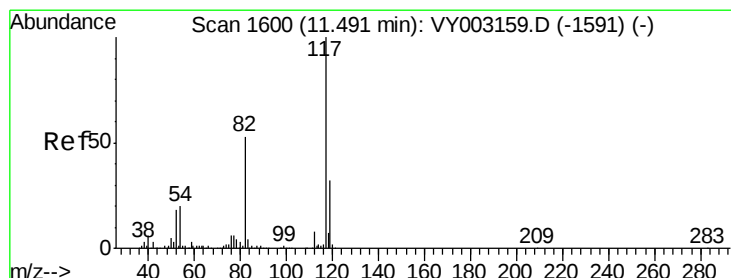
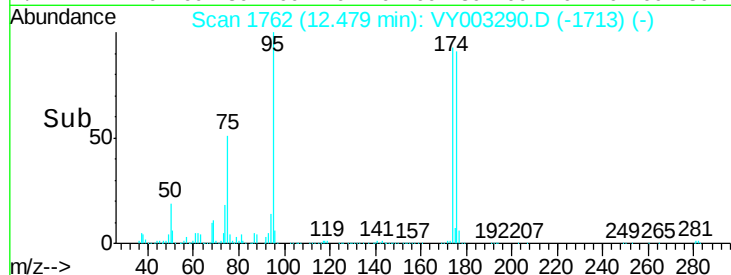
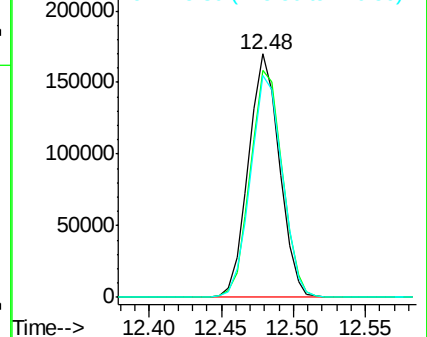
176 93.2 0.0 186.4



Abundance Ion 94.90 (94.60 to 95.60): VY003159.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY003159.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY003159.D (-1754) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003290.D

Acq: 22 Jul 2020 15:57

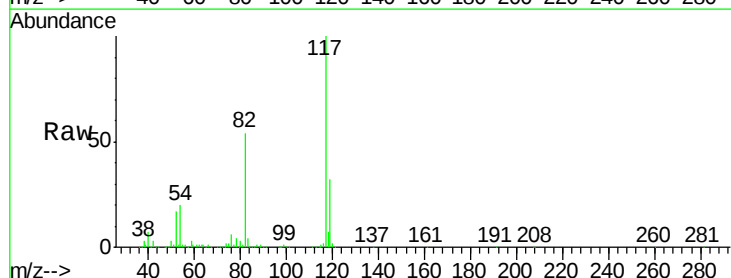
Tgt Ion: 117 Resp: 592388

Ion Ratio Lower Upper

117 100

82 54.5 42.0 63.0

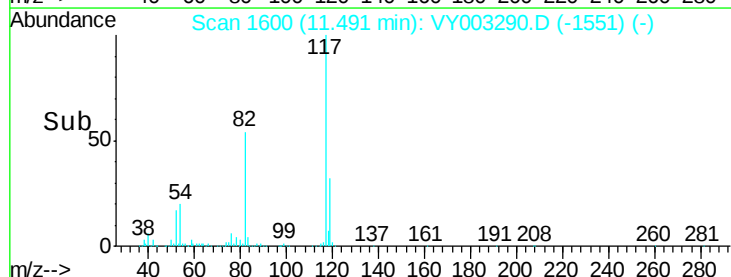
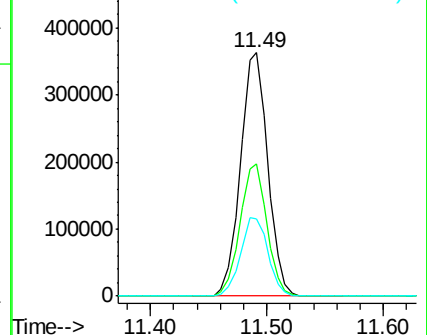
119 31.6 25.5 38.3

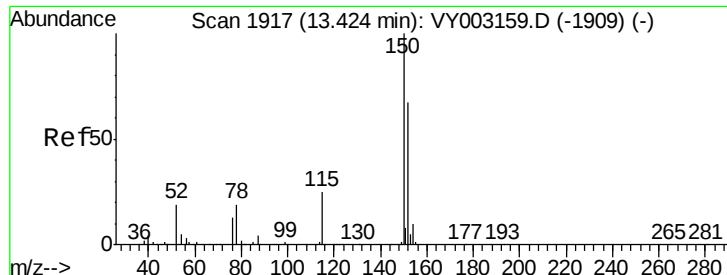


Abundance Ion 116.90 (116.60 to 117.60): VY003159.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY003159.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY003159.D (-1591) (-)



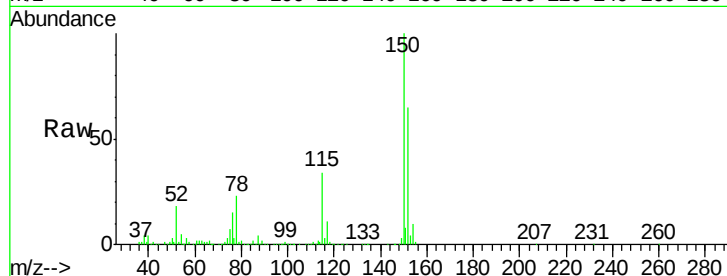


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: VY003290.D
 Acq: 22 Jul 2020 15:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-1B

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.8	26.9	80.7
150	156.7	0.0	338.0



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

