

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071620\
 Data File : VY003221.D
 Acq On : 16 Jul 2020 19:45
 Operator : SY/MD
 Sample : L3308-14RE
 Misc : 5.04G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 14RE

Quant Time: Jul 17 06:26:08 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

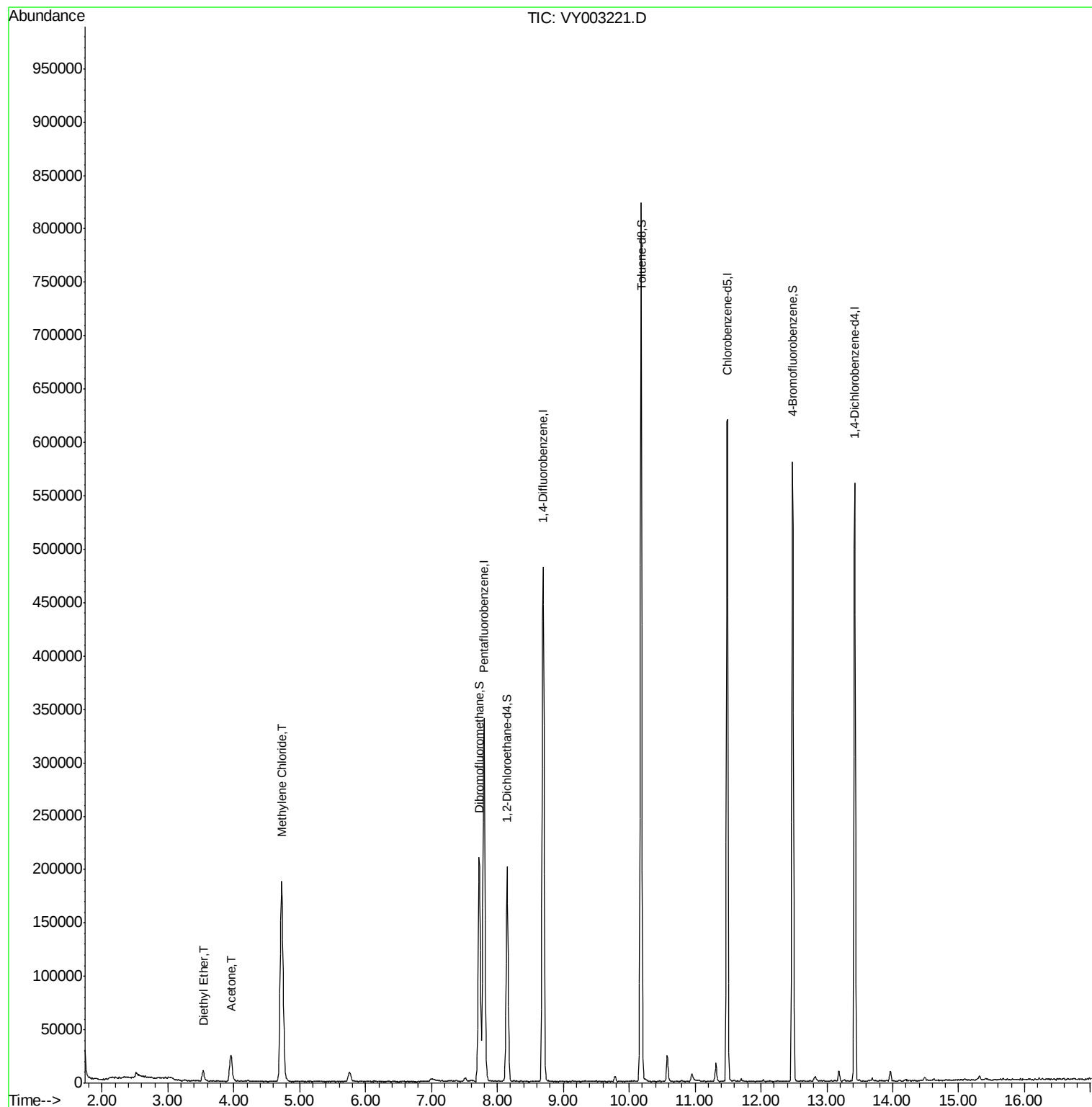
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	271580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	414474	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	343506	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	142312	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	152612	66.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.16%	
35) Dibromofluoromethane	7.72	113	147464	61.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.64%	
50) Toluene-d8	10.18	98	538088	60.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.36%	
62) 4-Bromofluorobenzene	12.48	95	153091	47.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.58%	
Target Compounds						
8) Diethyl Ether	3.54	74	5803	4.377	ug/l	81
16) Acetone	3.96	43	42630	83.259	ug/l	98
20) Methylene Chloride	4.72	84	142439	55.945	ug/l	94

(#) = 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: VY003221.D

Acq: 16 Jul 2020 19:45

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MSVOA_Y

ClientSampleId :

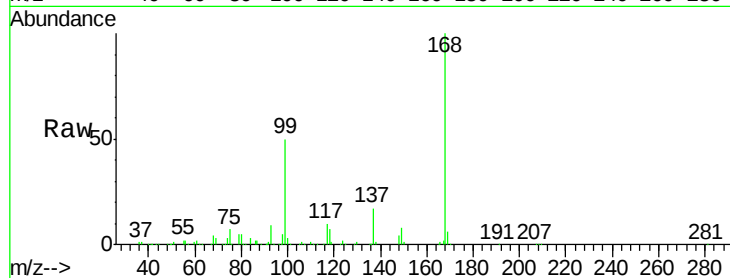
14RE

Tot Ion:168 Resp: 271580

Ion Ratio Lower Upper

168 100

99 50.5 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003221.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003221.D (-945) (-)

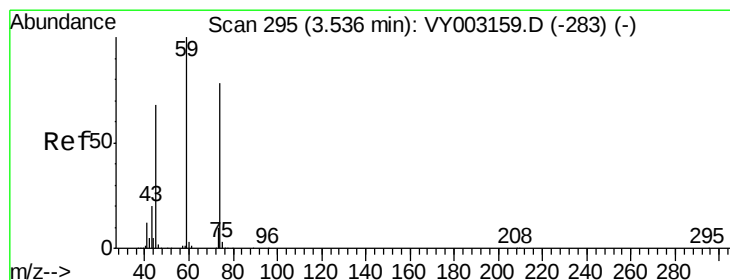
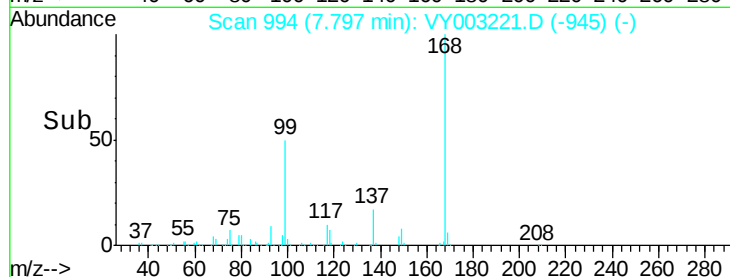
7.80

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 4.377 ug/l

RT: 3.54 min Scan# 295

Delta R.T. -0.00 min

Lab File: VY003221.D

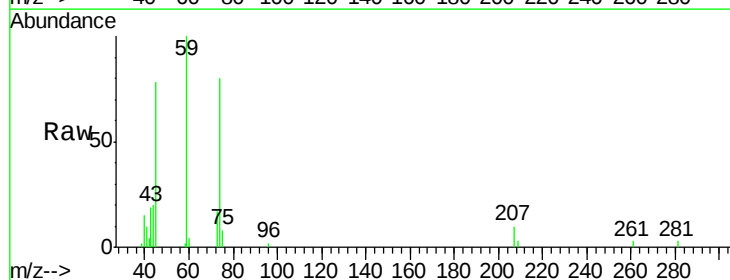
Acq: 16 Jul 2020 19:45

Tgt Ion: 74 Resp: 5803

Ion Ratio Lower Upper

74 100

45 108.3 45.3 135.8



Abundance Ion 74.00 (73.70 to 74.70): VY003221.D (-246) (-)

Ion 45.00 (44.70 to 45.70): VY003221.D (-246) (-)

3.54

3000

2500

2000

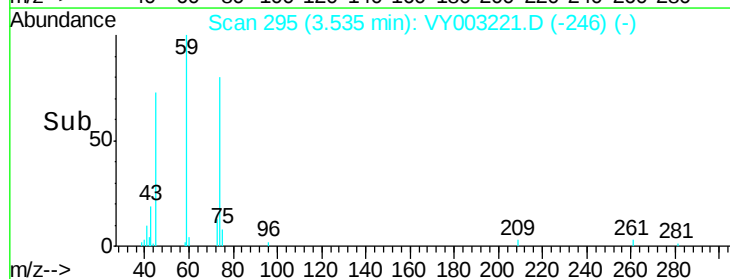
1500

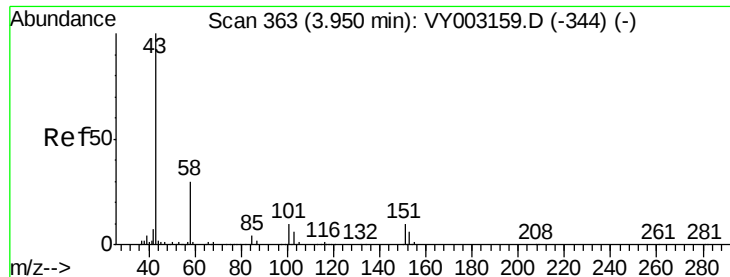
1000

500

0

Time-->





#16

Acetone

Concen: 83.259 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003221.D

Acq: 16 Jul 2020 19:45

Instrument :

MSVOA_Y

ClientSampleId :

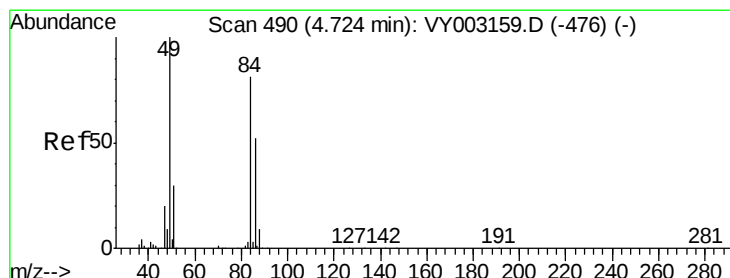
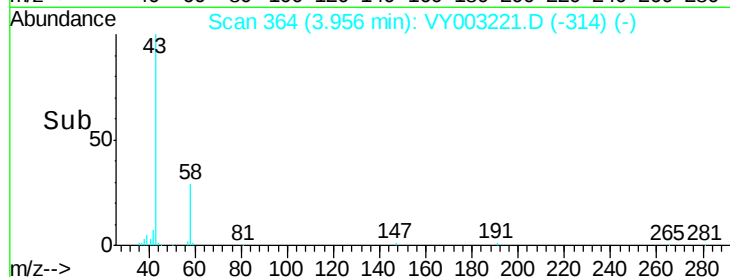
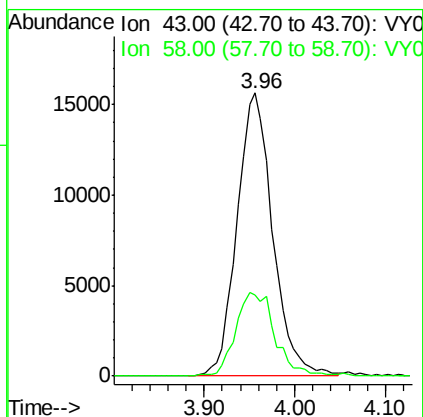
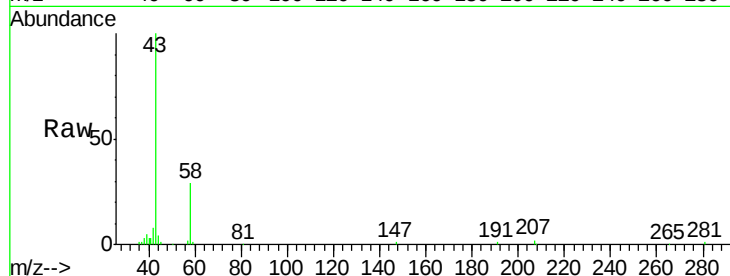
14RE

Tot Ion: 43 Resp: 42630

Ion Ratio Lower Upper

43 100

58 28.6 23.8 35.6



#20

Methylene Chloride

Concen: 55.945 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003221.D

Acq: 16 Jul 2020 19:45

Tgt Ion: 84 Resp: 142439

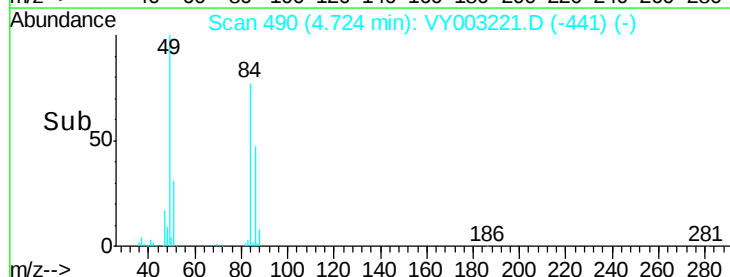
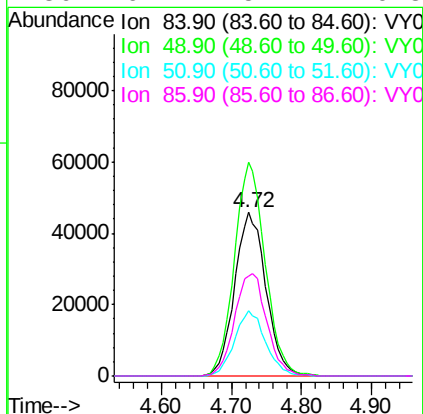
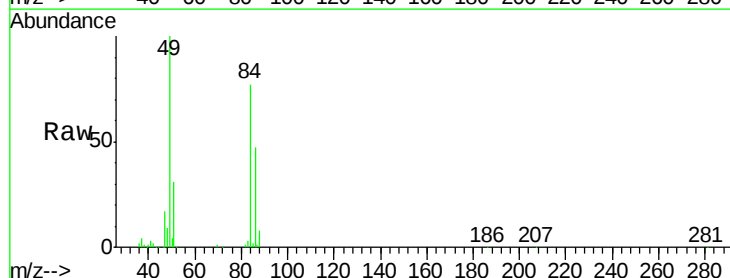
Ion Ratio Lower Upper

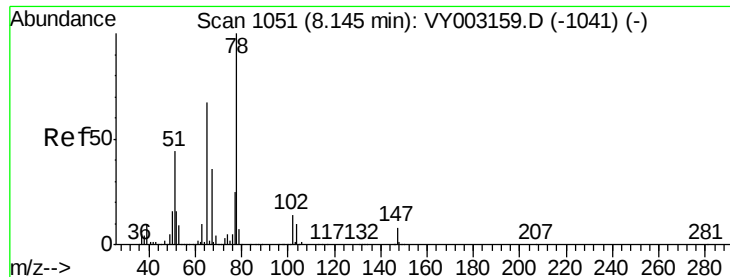
84 100

49 130.5 98.2 147.4

51 39.9 29.8 44.6

86 61.2 51.2 76.8

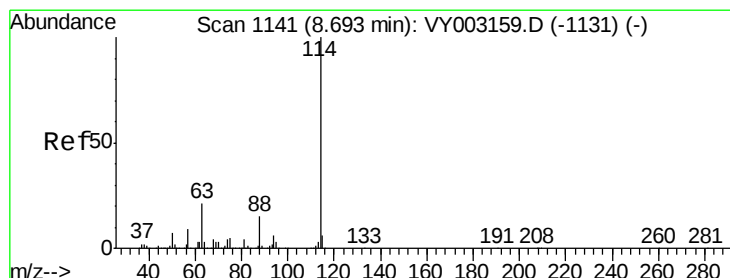
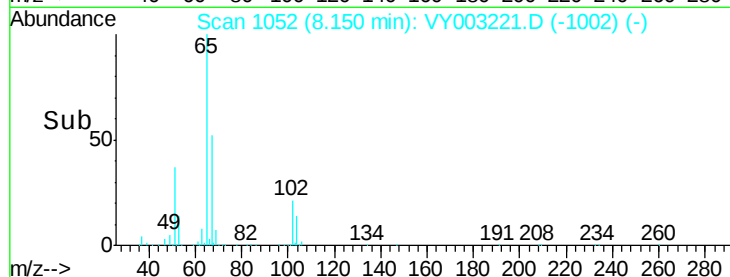
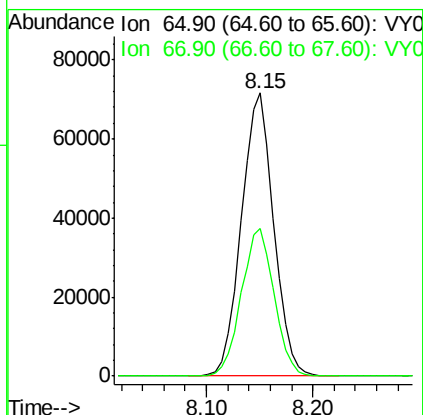
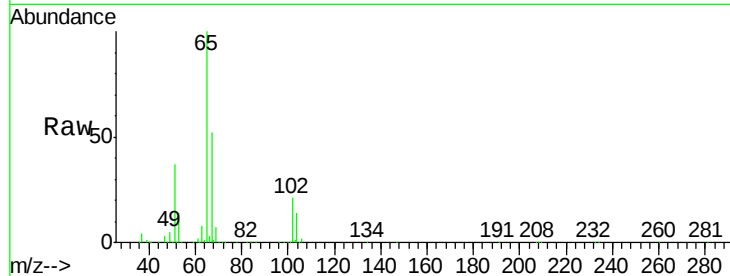




#33
 1,2-Dichloroethane-d4
 Concen: 66.578 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003221.D
 Acq: 16 Jul 2020 19:45

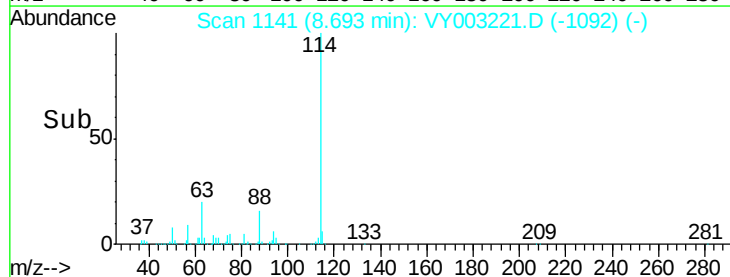
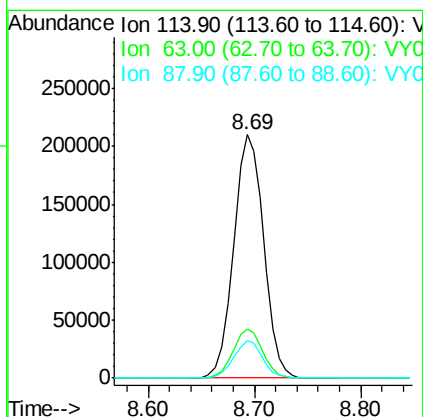
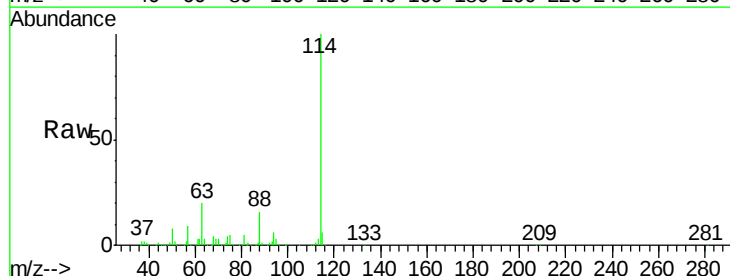
Instrument :
 MSVOA_Y
 ClientSampleId :
 14RE

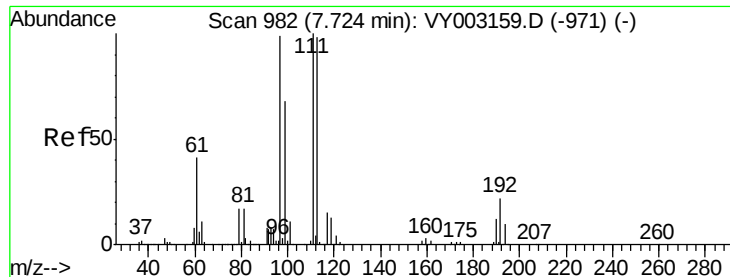
Tot Ion: 65 Resp: 152612
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003221.D
 Acq: 16 Jul 2020 19:45

Tgt Ion: 114 Resp: 414474
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.2
 88 15.7 0.0 30.2

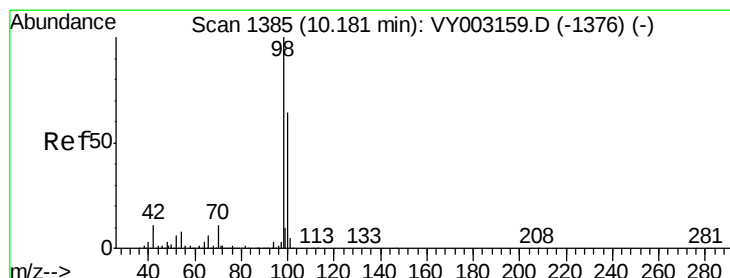
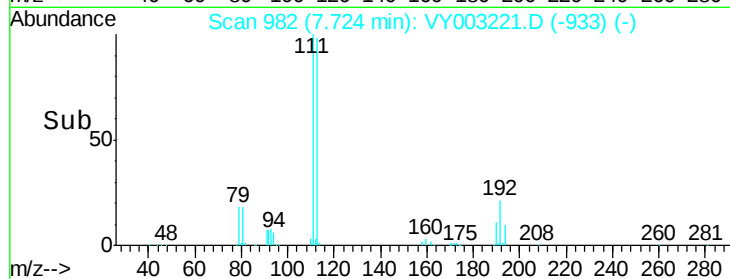
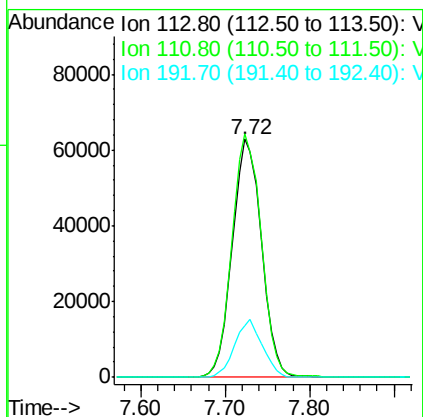
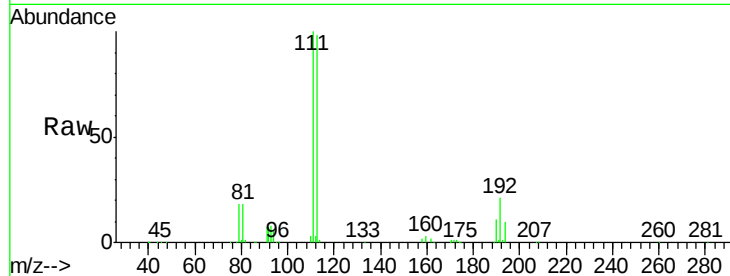




#35
Dibromofluoromethane
Concen: 61.825 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003221.D
Acq: 16 Jul 2020 19:45

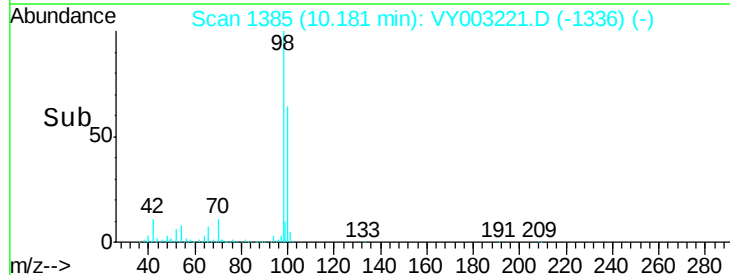
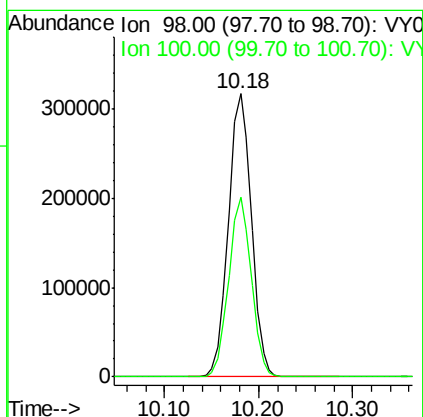
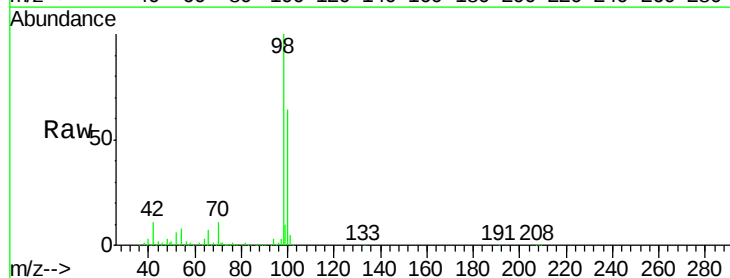
Instrument :
MSVOA_Y
ClientSampleId :
14RE

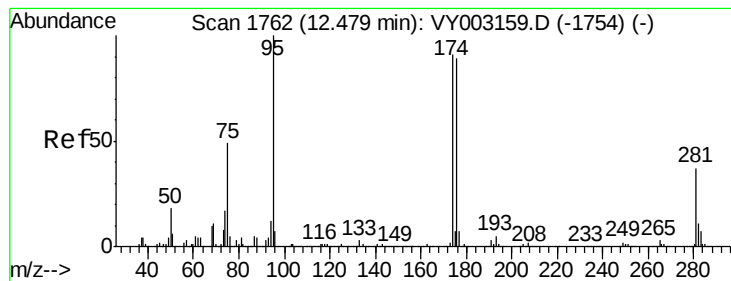
Tot Ion:113 Resp: 147464
Ion Ratio Lower Upper
113 100
111 102.5 82.1 123.1
192 23.0 18.8 28.2



#50
Toluene-d8
Concen: 60.679 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003221.D
Acq: 16 Jul 2020 19:45

Tgt Ion: 98 Resp: 538088
Ion Ratio Lower Upper
98 100
100 62.6 50.7 76.1





#62

4-Bromofluorobenzene

Concen: 47.788 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003221.D

Acq: 16 Jul 2020 19:45

Instrument :

MSVOA_Y

ClientSampleId :

14RE

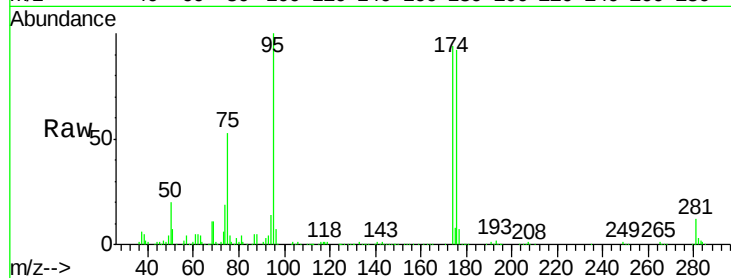
Tot Ion: 95 Resp: 153091

Ion Ratio Lower Upper

95 100

174 95.3 0.0 190.6

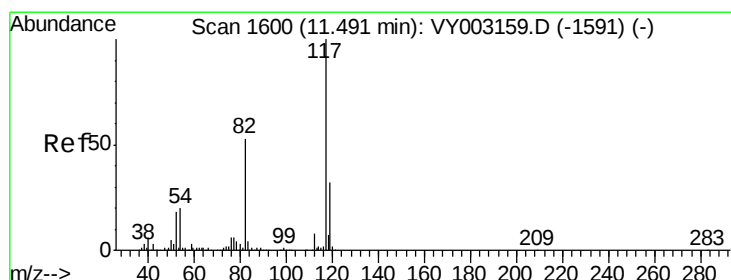
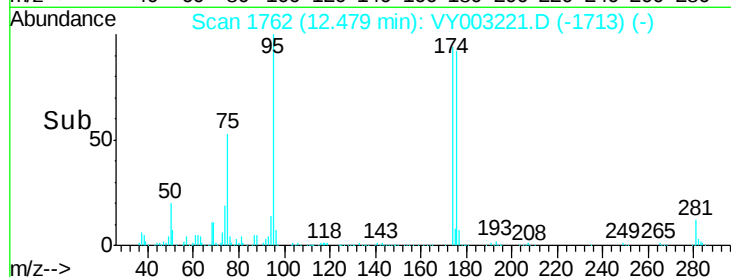
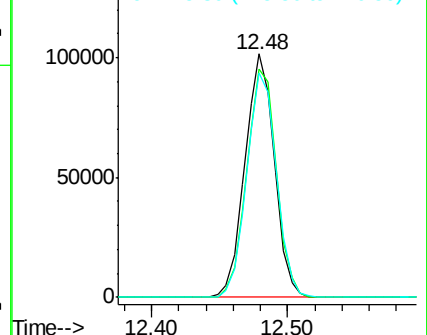
176 93.2 0.0 186.4



Abundance Ion 94.90 (94.60 to 95.60): VY003221.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY003221.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY003221.D (-1754) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003221.D

Acq: 16 Jul 2020 19:45

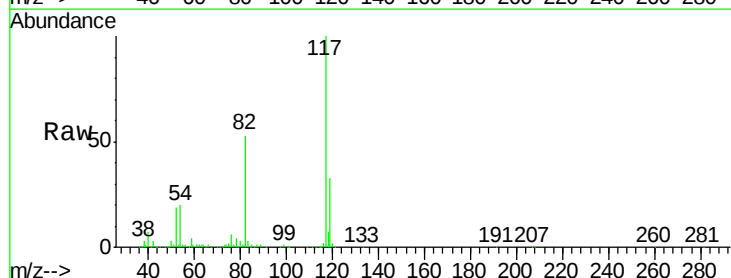
Tgt Ion: 117 Resp: 343506

Ion Ratio Lower Upper

117 100

82 53.3 42.0 63.0

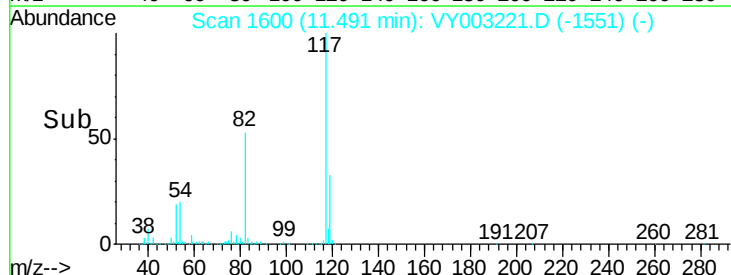
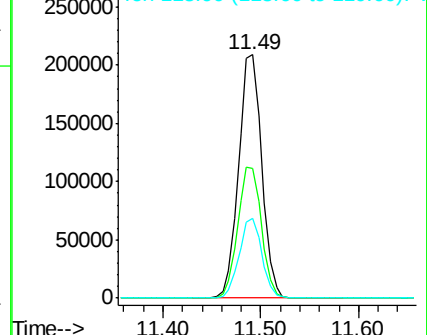
119 33.0 25.5 38.3

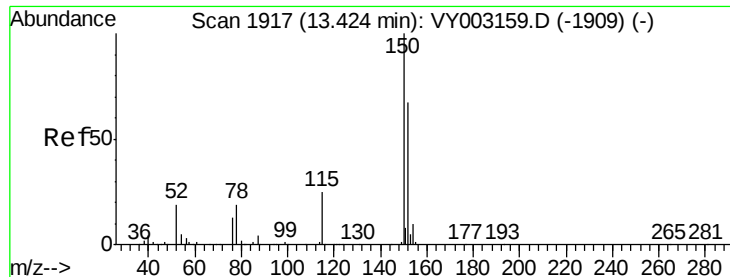


Abundance Ion 116.90 (116.60 to 117.60): VY003221.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY003221.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY003221.D (-1551) (-)



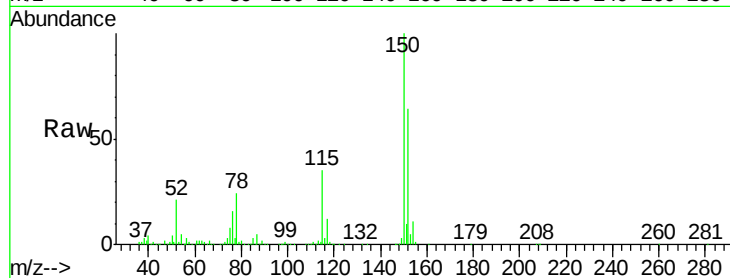


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: VY003221.D
 Acq: 16 Jul 2020 19:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 14RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.5	26.9	80.7
150	155.2	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

