

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071620\
 Data File : VY003224.D
 Acq On : 16 Jul 2020 20:54
 Operator : SY/MD
 Sample : L3308-17RE
 Misc : 5.07G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 17RE

Quant Time: Jul 17 06:32:45 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

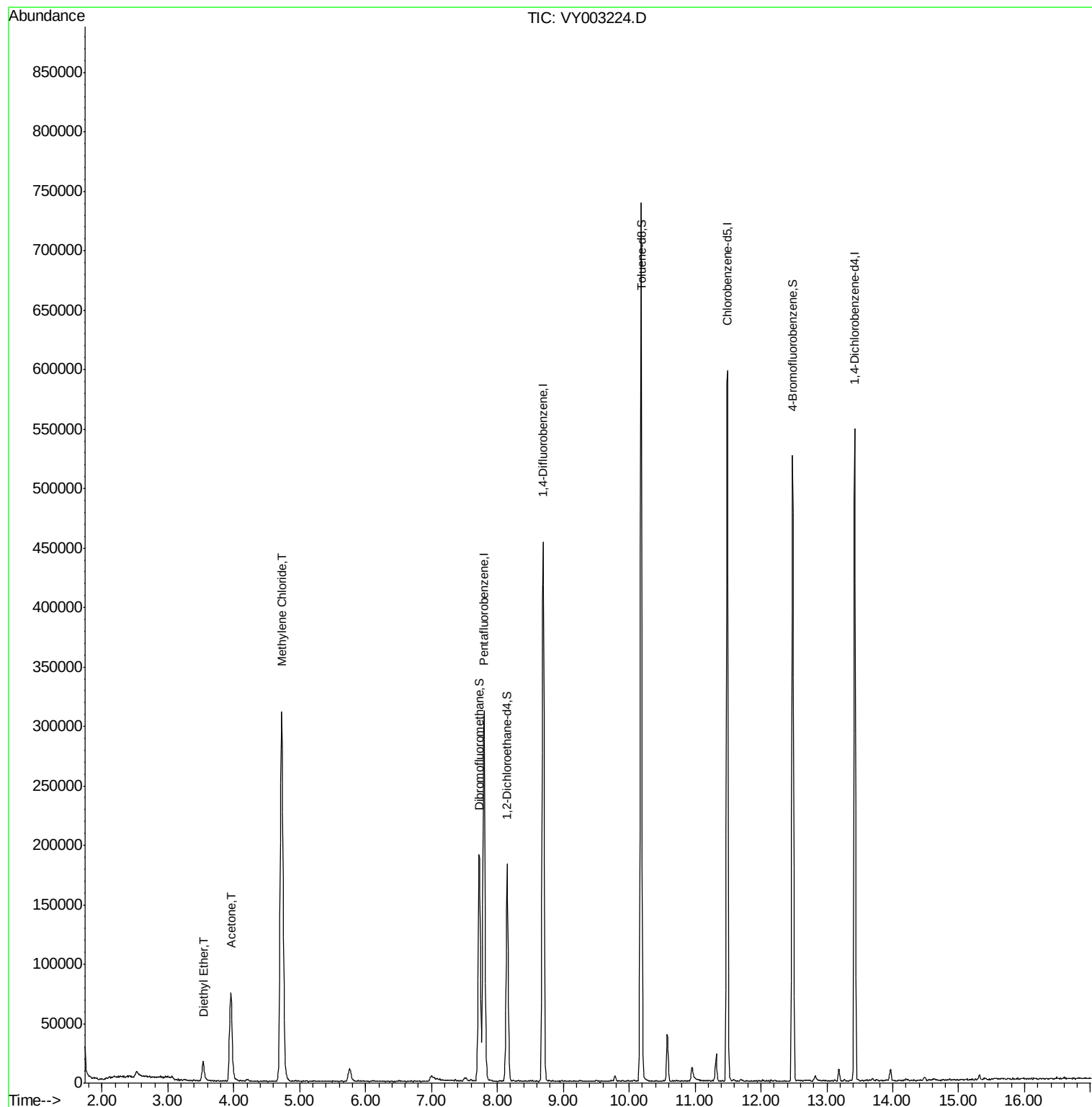
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	254149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	383154	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	332058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	136871	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	139134	64.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.72%	
35) Dibromofluoromethane	7.72	113	133478	60.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.08%	
50) Toluene-d8	10.18	98	481754	58.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.54%	
62) 4-Bromofluorobenzene	12.48	95	142034	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
Target Compounds						
8) Diethyl Ether	3.53	74	9003	7.257	ug/l	88
16) Acetone	3.96	43	128533	268.250	ug/l	97
20) Methylene Chloride	4.72	84	239484	105.430	ug/l	97

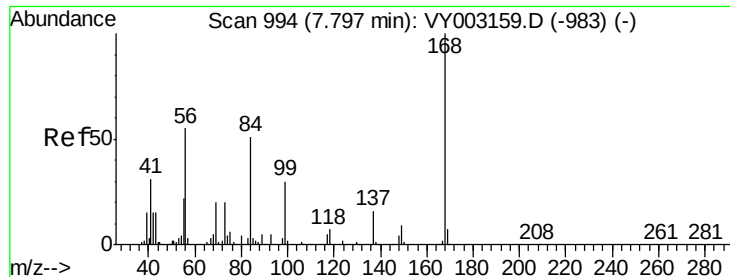
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY071620\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003224.D

Acq: 16 Jul 2020 20:54

Instrument :

MSVOA_Y

ClientSampleId :

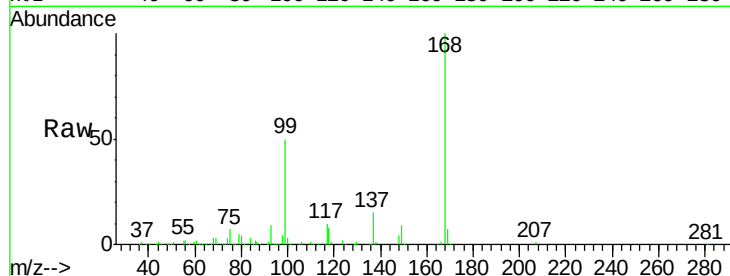
17RE

Tot Ion:168 Resp: 254149

Ion Ratio Lower Upper

168 100

99 49.5 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

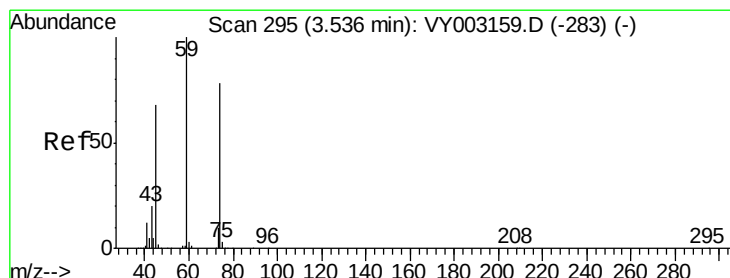
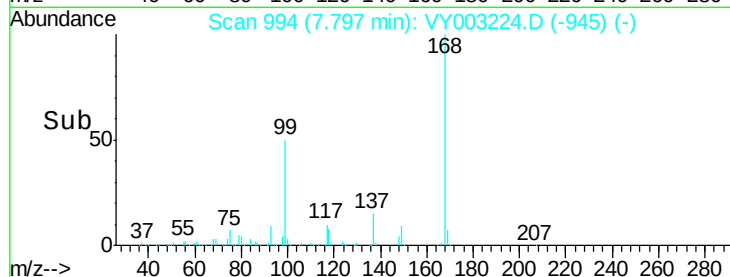
7.80

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 7.257 ug/l

RT: 3.53 min Scan# 294

Delta R.T. -0.01 min

Lab File: VY003224.D

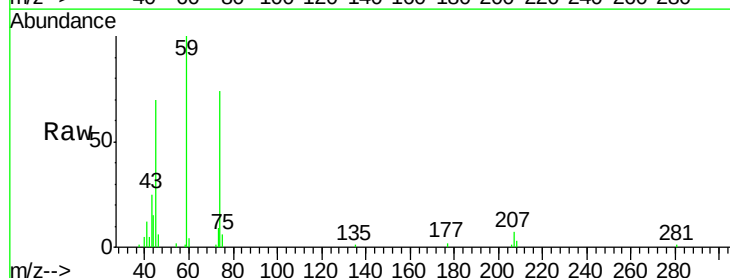
Acq: 16 Jul 2020 20:54

Tgt Ion: 74 Resp: 9003

Ion Ratio Lower Upper

74 100

45 101.6 45.3 135.8



Abundance Ion 74.00 (73.70 to 74.70): VY0

Ion 45.00 (44.70 to 45.70): VY0

3.53

4000

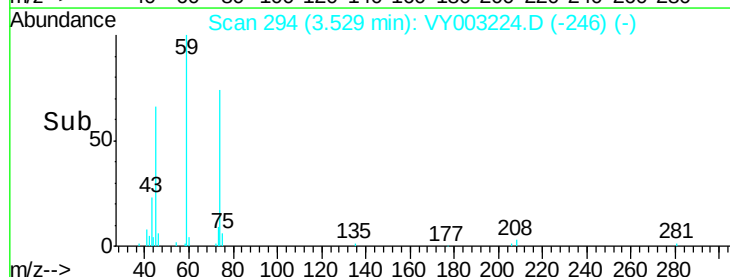
3000

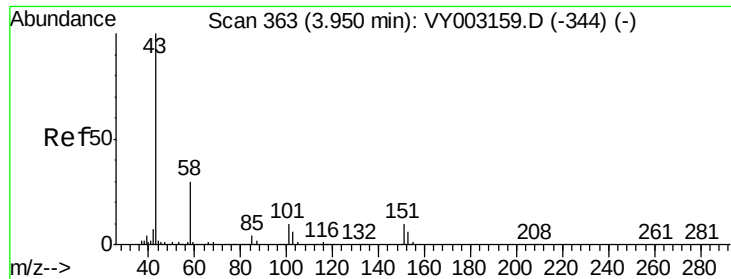
2000

1000

0

Time-->





#16

Acetone

Concen: 268.250 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003224.D

Acq: 16 Jul 2020 20:54

Instrument :

MSVOA_Y

ClientSampled :

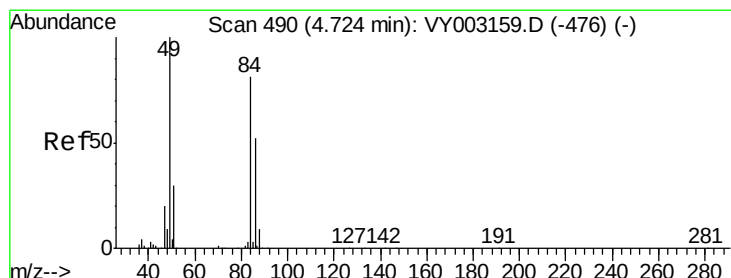
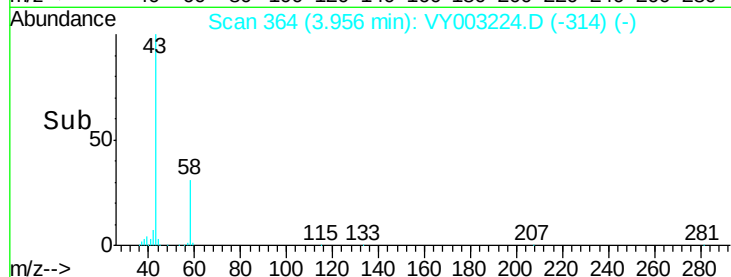
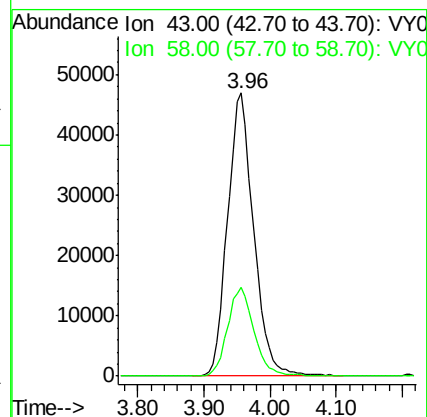
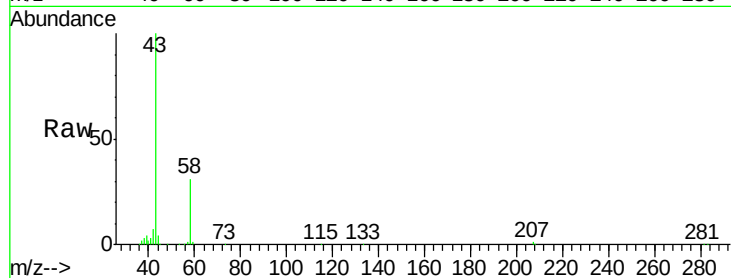
17RE

Tot Ion: 43 Resp: 128533

Ion Ratio Lower Upper

43 100

58 31.4 23.8 35.6



#20

Methylene Chloride

Concen: 105.430 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003224.D

Acq: 16 Jul 2020 20:54

Tgt Ion: 84 Resp: 239484

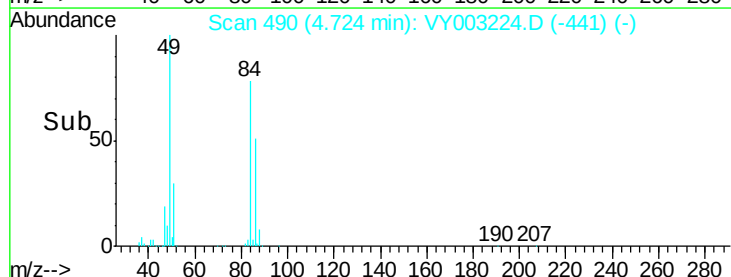
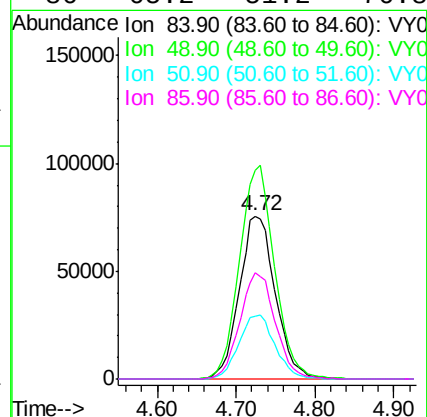
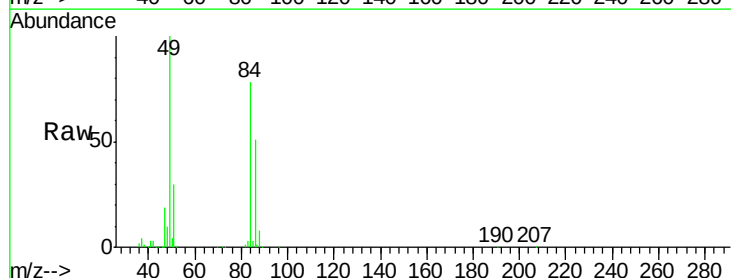
Ion Ratio Lower Upper

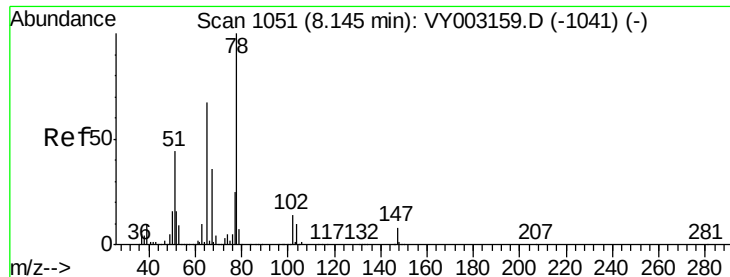
84 100

49 127.8 98.2 147.4

51 38.8 29.8 44.6

86 65.2 51.2 76.8

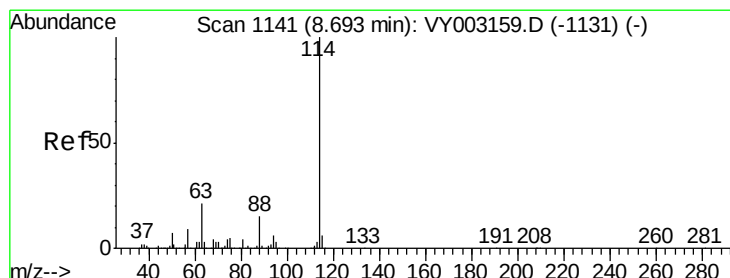
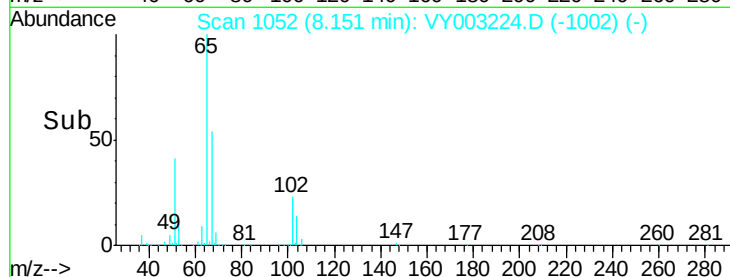
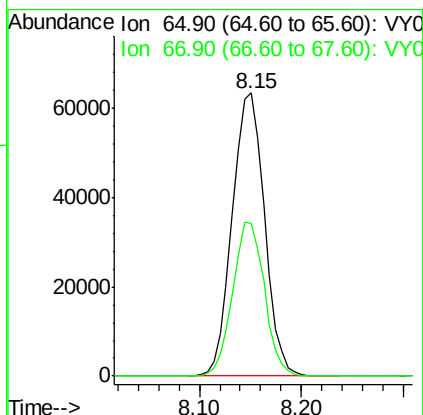
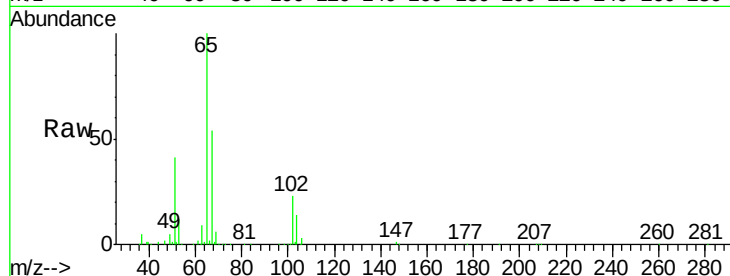




#33
 1,2-Dichloroethane-d4
 Concen: 64.861 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003224.D
 Acq: 16 Jul 2020 20:54

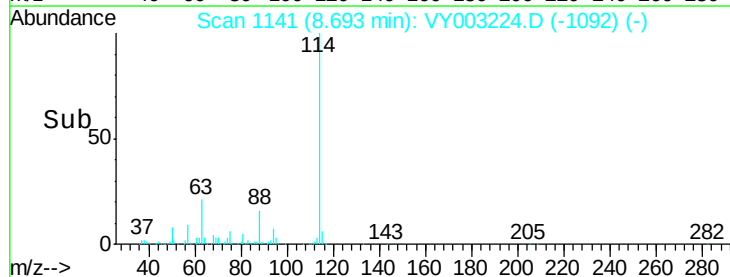
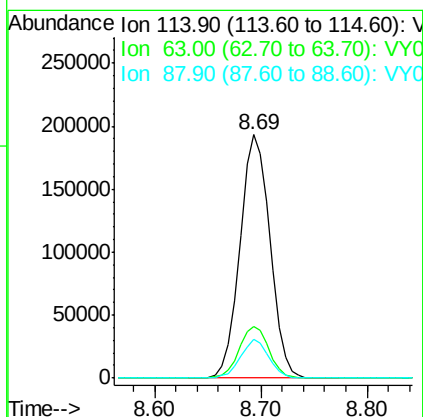
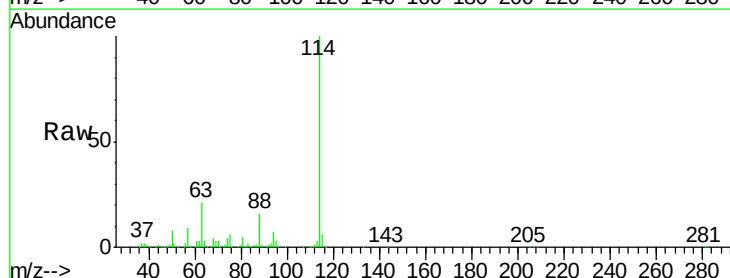
Instrument :
 MSVOA_Y
 ClientSampleId :
 17RE

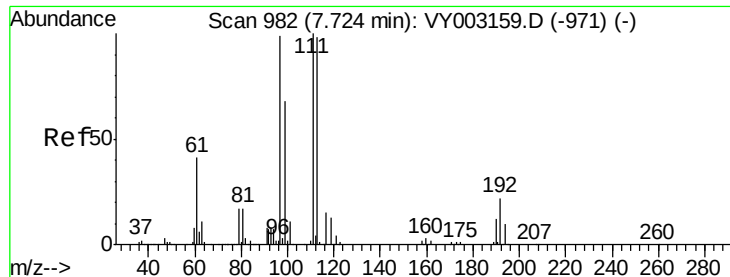
Tot Ion: 65 Resp: 139134
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003224.D
 Acq: 16 Jul 2020 20:54

Tgt Ion: 114 Resp: 383154
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 41.2
 88 15.7 0.0 30.2

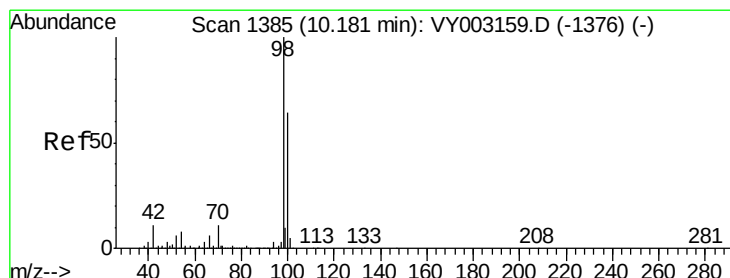
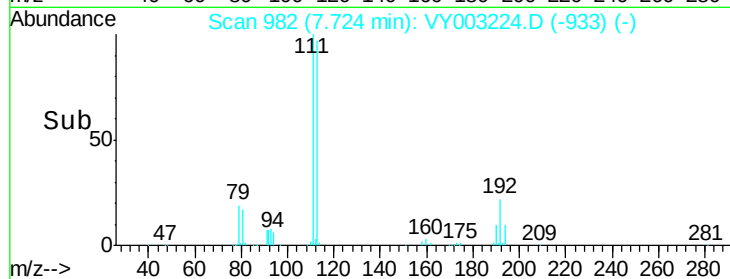
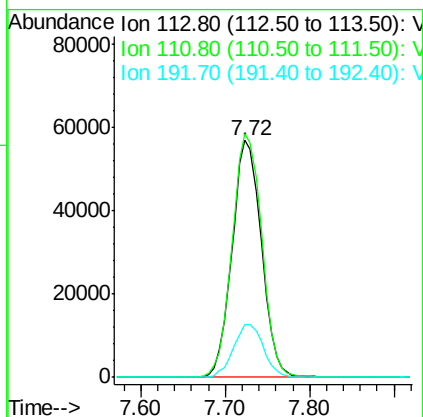
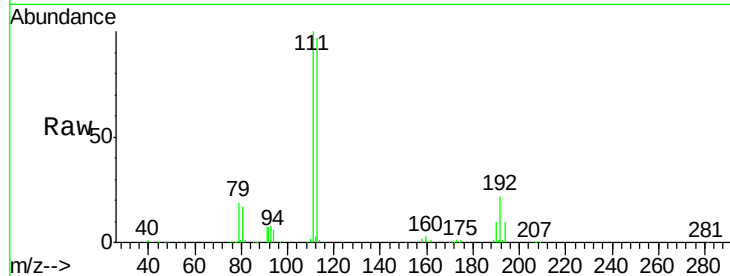




#35
 Dibromofluoromethane
 Concen: 60.535 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003224.D
 Acq: 16 Jul 2020 20:54

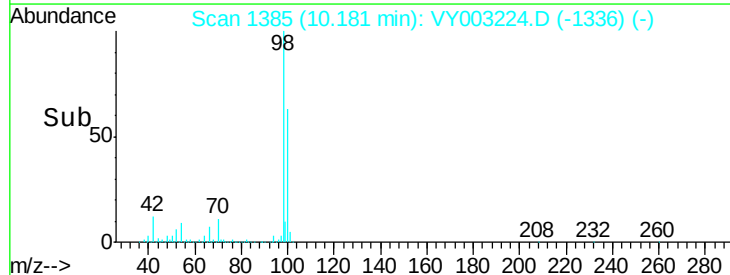
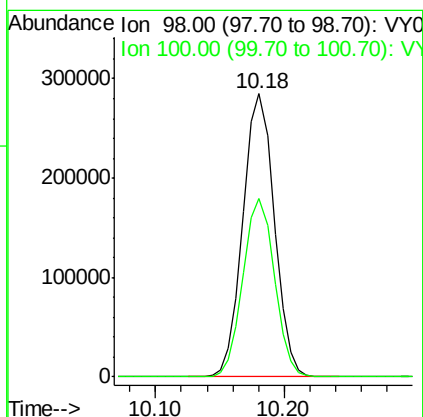
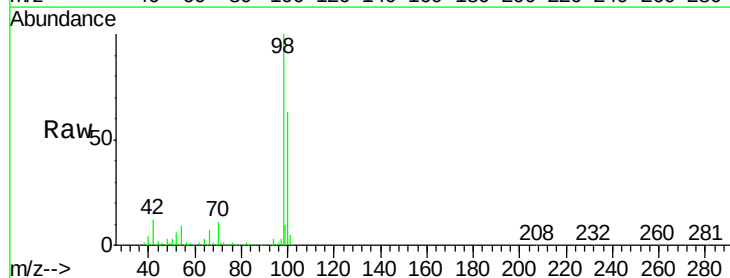
Instrument :
 MSVOA_Y
 ClientSampleId :
 17RE

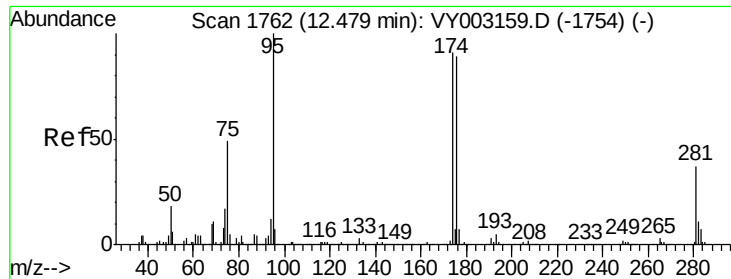
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.1	123.1
192	22.8	18.8	28.2



#50
 Toluene-d8
 Concen: 58.767 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY003224.D
 Acq: 16 Jul 2020 20:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.0	50.7	76.1





#62

4-Bromofluorobenzene

Concen: 47.960 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003224.D

Acq: 16 Jul 2020 20:54

Instrument :

MSVOA_Y

ClientSampleId :

17RE

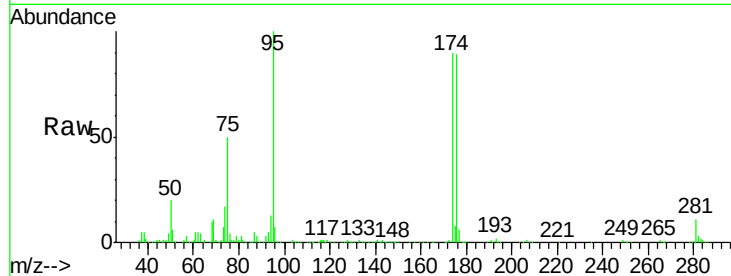
Tot Ion: 95 Resp: 142034

Ion Ratio Lower Upper

95 100

174 93.1 0.0 190.6

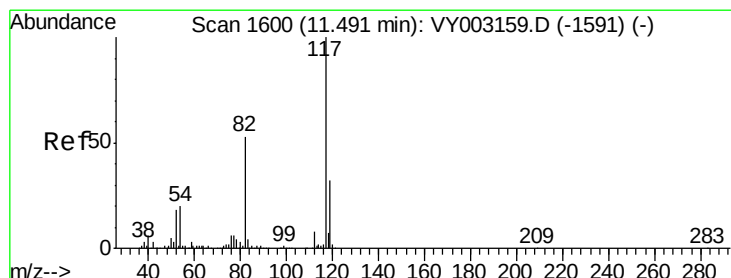
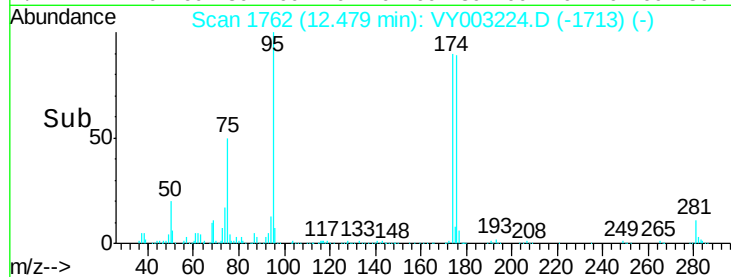
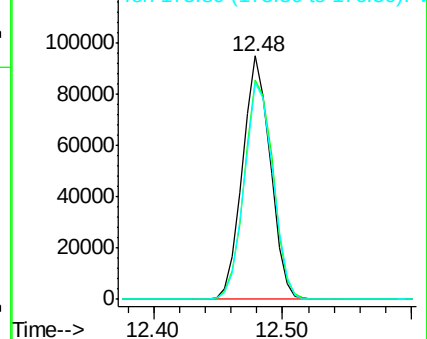
176 91.6 0.0 186.4



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: VY003224.D

Acq: 16 Jul 2020 20:54

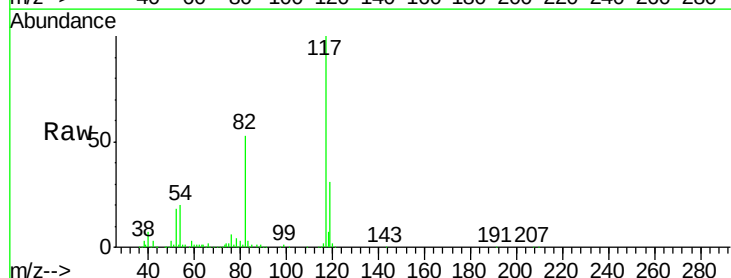
Tgt Ion: 117 Resp: 332058

Ion Ratio Lower Upper

117 100

82 53.2 42.0 63.0

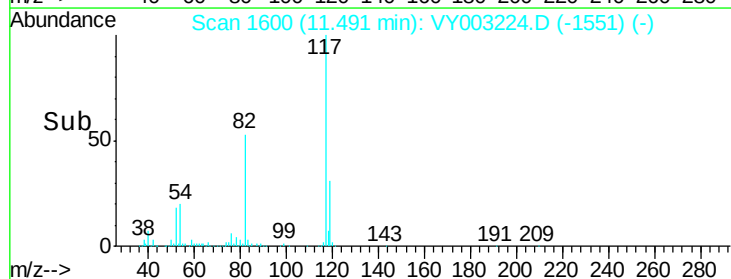
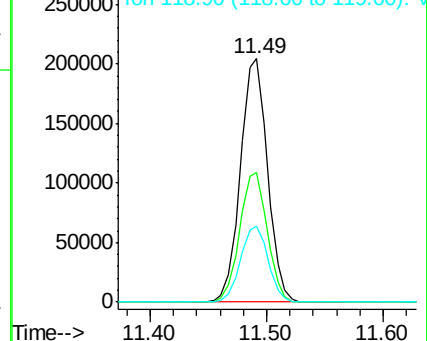
119 31.3 25.5 38.3

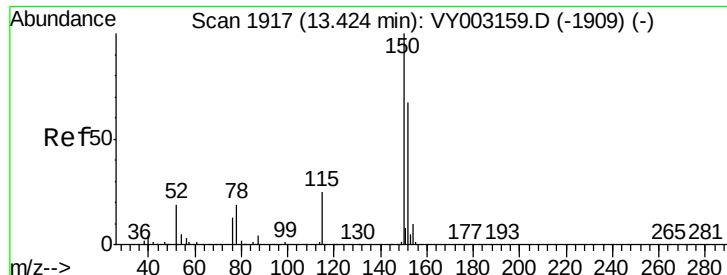


Abundance Ion 116.90 (116.60 to 117.60): VY003159.D (-1591) (-)

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

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



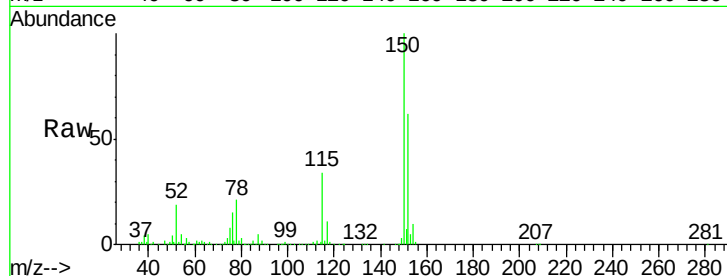


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003224.D
Acq: 16 Jul 2020 20:54

Instrument :
MSVOA_Y
ClientSampleId :
17RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.0	26.9	80.7
150	162.9	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

