

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070120\
 Data File : VY003058.D
 Acq On : 01 Jul 2020 15:01
 Operator : SY/MD
 Sample : L3157-04RE
 Misc : 5.63G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-D35RE

Quant Time: Jul 02 03:40:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

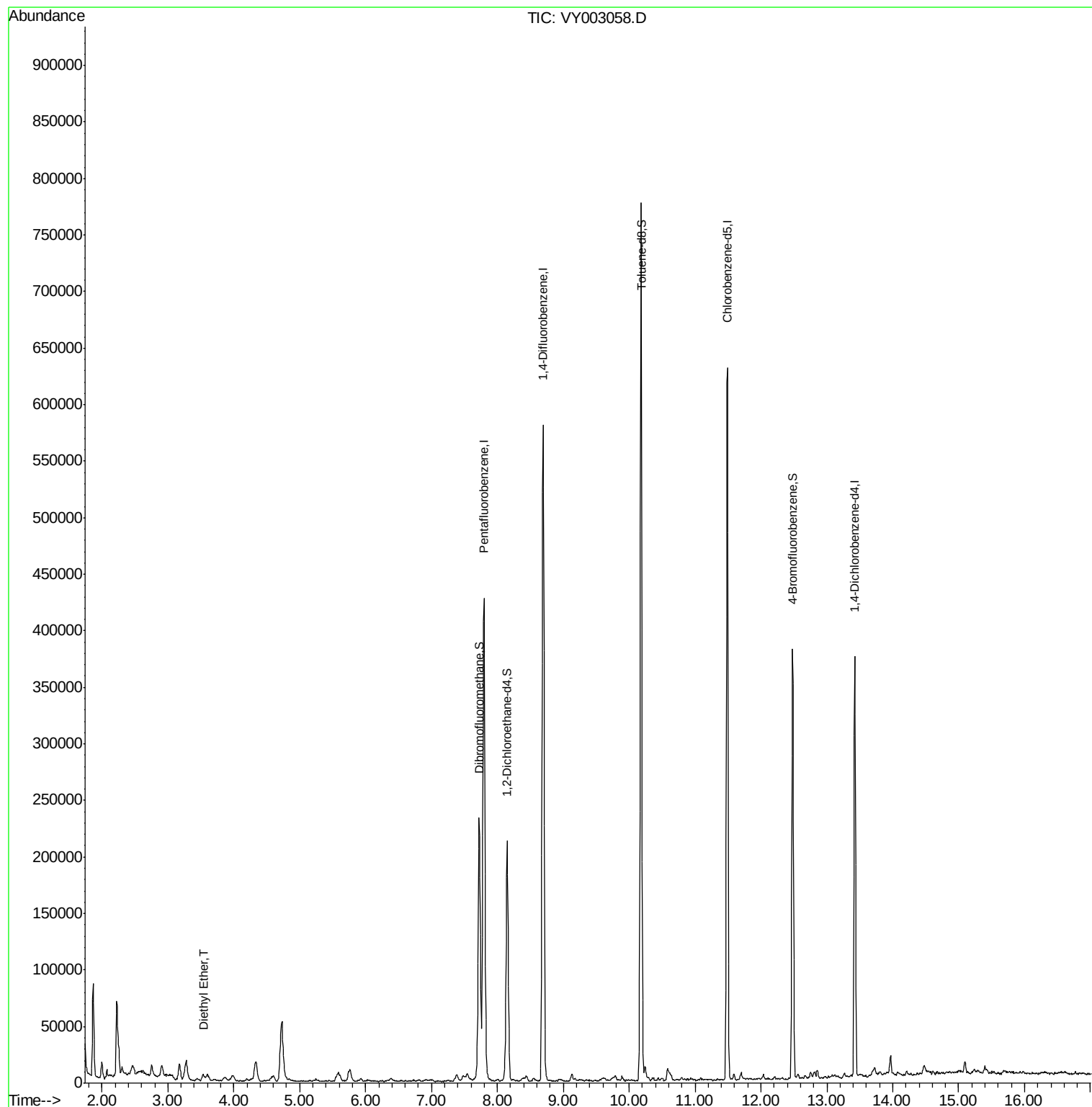
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	346778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	498946	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	355891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	96503	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	167170	48.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.08%	
35) Dibromofluoromethane	7.72	113	160253	51.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.98%	
50) Toluene-d8	10.18	98	516786	44.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.14%	
62) 4-Bromofluorobenzene	12.48	95	109437	26.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	53.62%	
Target Compounds						
8) Diethyl Ether	3.53	74	3335	1.837	ug/l	Qvalue 93

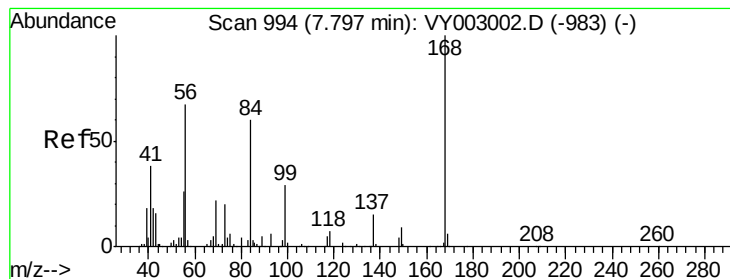
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003058.D

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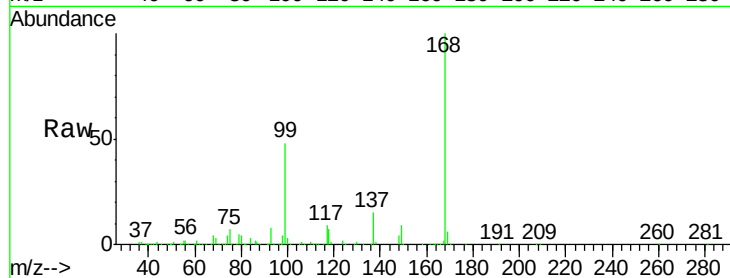
CB-D35RE

Tot Ion:168 Resp: 346778

Ion Ratio Lower Upper

168 100

99 48.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003002.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003002.D (-983) (-)

7.80

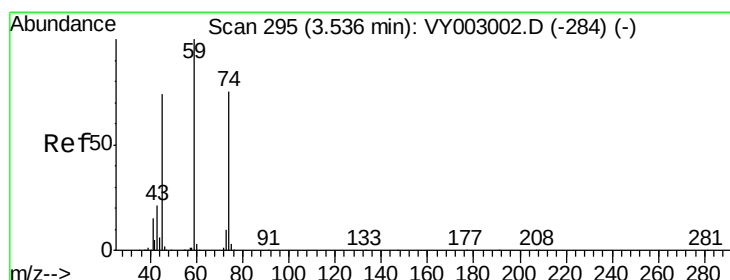
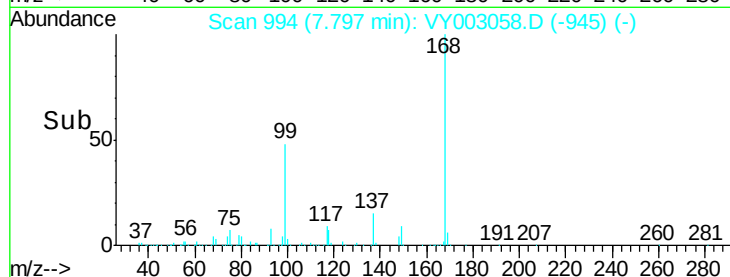
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.837 ug/l

RT: 3.53 min Scan# 294

Delta R.T. -0.01 min

Lab File: VY003058.D

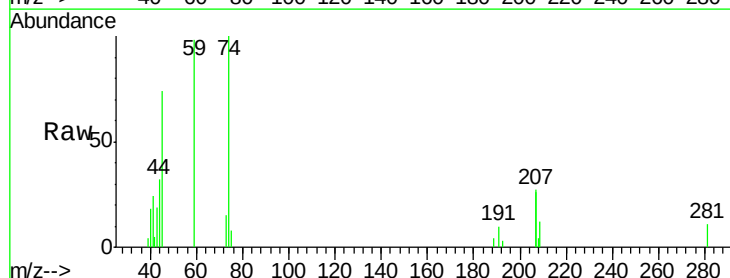
Acq: 01 Jul 2020 15:01

Tgt Ion: 74 Resp: 3335

Ion Ratio Lower Upper

74 100

45 91.9 49.3 147.9



Abundance Ion 74.00 (73.70 to 74.70): VY003002.D (-284) (-)

Ion 45.00 (44.70 to 45.70): VY003002.D (-284) (-)

3.53

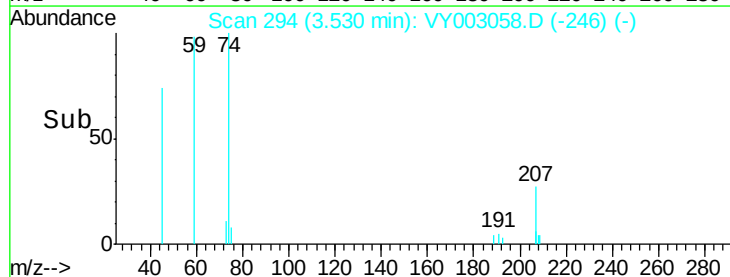
1500

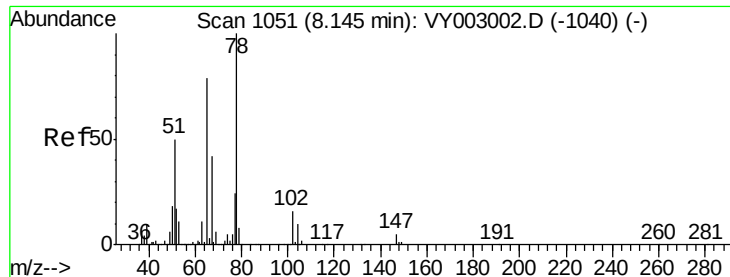
1000

500

0

Time-->

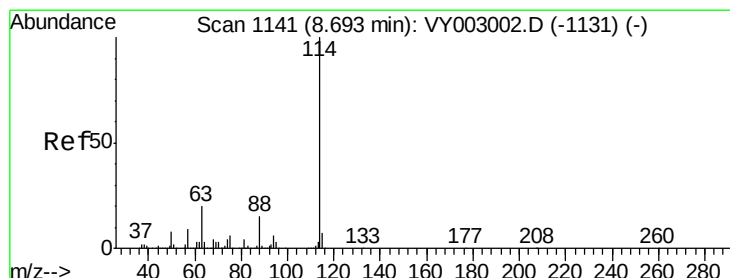
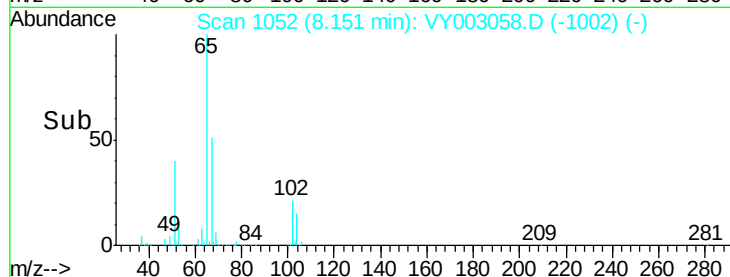
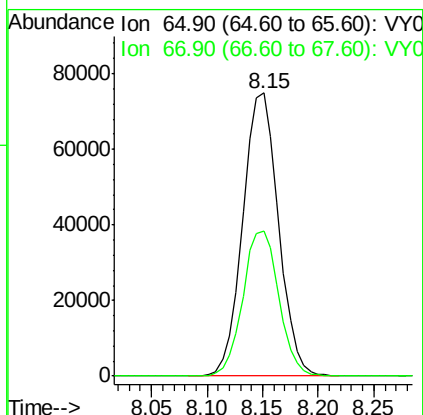
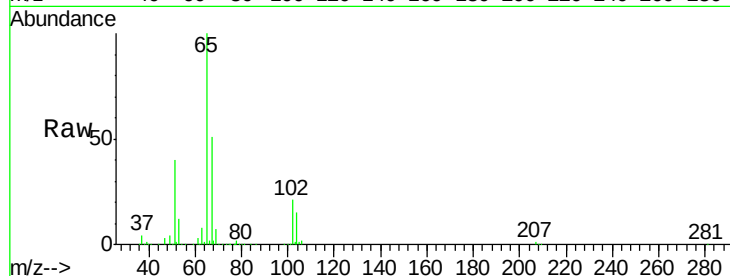




#33
 1,2-Dichloroethane-d4
 Concen: 48.537 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003058.D
 Acq: 01 Jul 2020 15:01

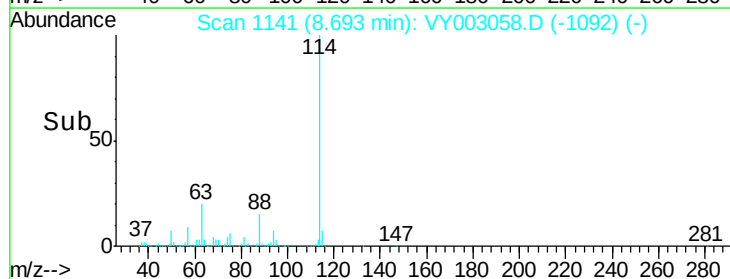
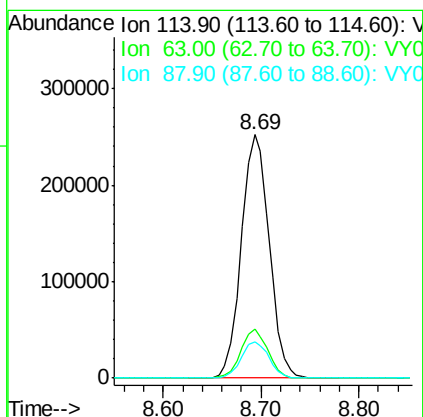
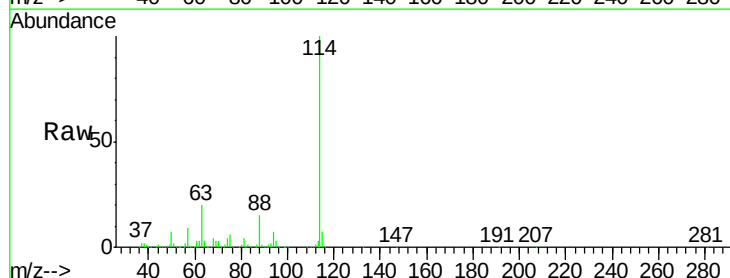
Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-D35RE

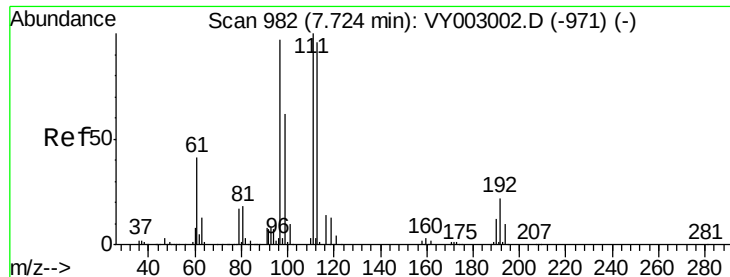
Tot Ion: 65 Resp: 167170
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003058.D
 Acq: 01 Jul 2020 15:01

Tgt Ion: 114 Resp: 498946
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.6
 88 14.7 0.0 30.0

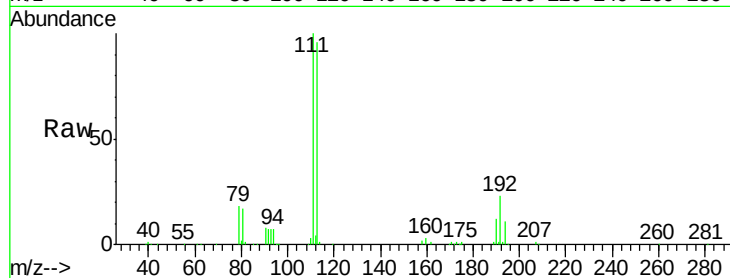




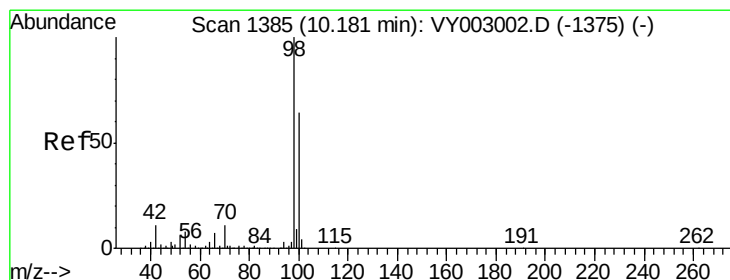
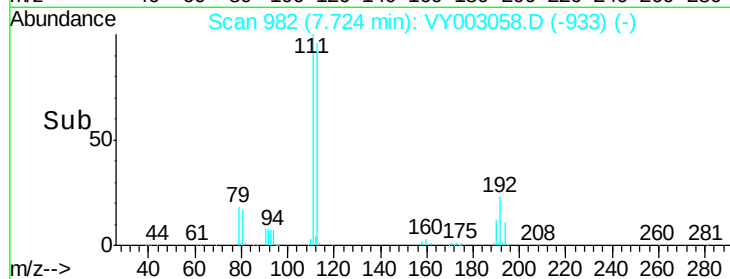
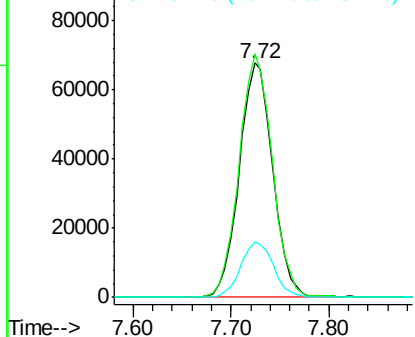
#35
Dibromofluoromethane
Concen: 51.487 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003058.D
Acq: 01 Jul 2020 15:01

Instrument :
MSVOA_Y
ClientSampleId :
CB-D35RE

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.6	123.8
192	23.4	18.1	27.1

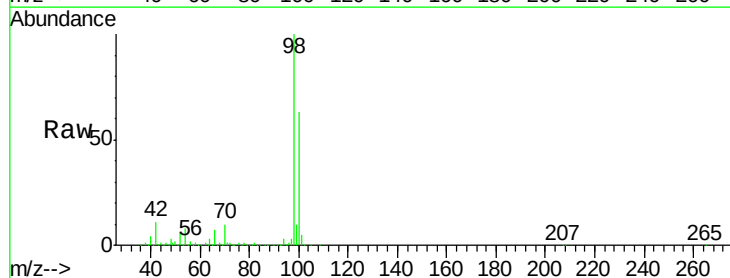


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

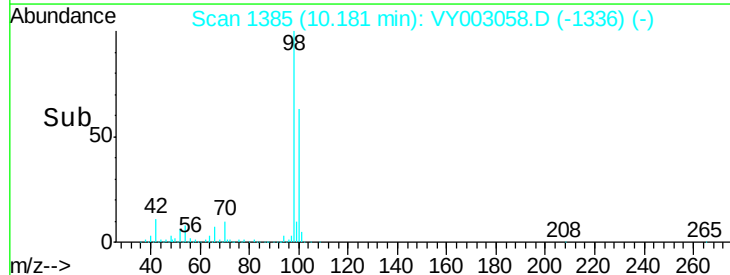
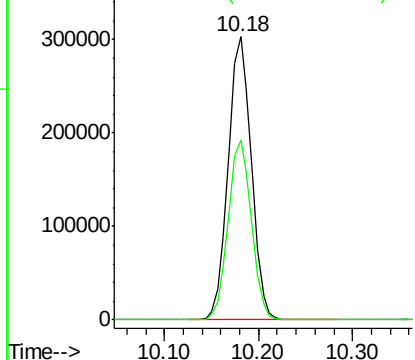


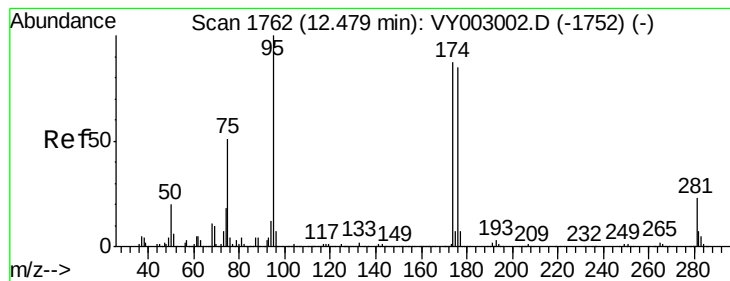
#50
Toluene-d8
Concen: 44.568 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003058.D
Acq: 01 Jul 2020 15:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.1	76.7



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 26.812 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003058.D

Acq: 01 Jul 2020 15:01

Instrument :

MSVOA_Y

ClientSampleId :

CB-D35RE

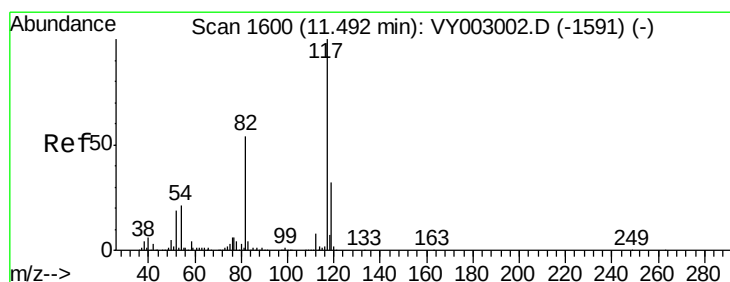
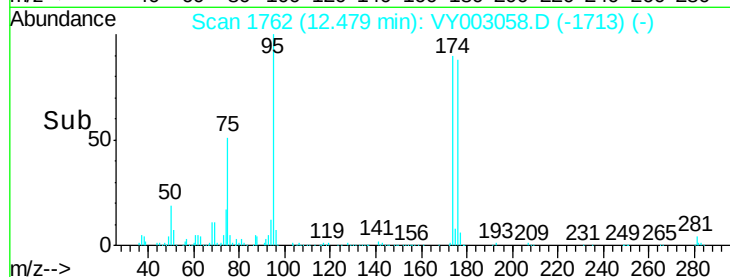
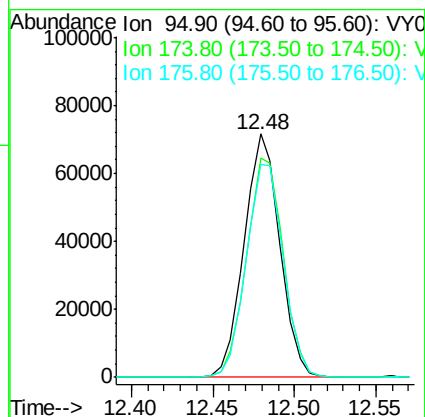
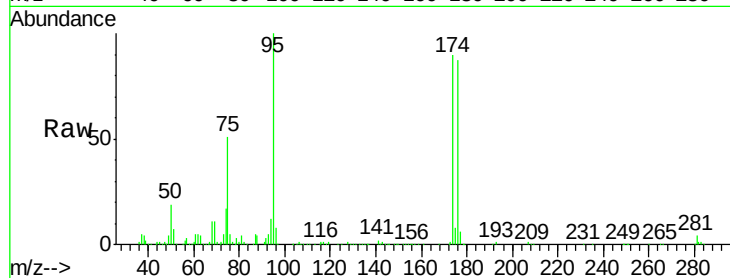
Tot Ion: 95 Resp: 109437

Ion Ratio Lower Upper

95 100

174 92.8 0.0 184.8

176 90.6 0.0 183.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003058.D

Acq: 01 Jul 2020 15:01

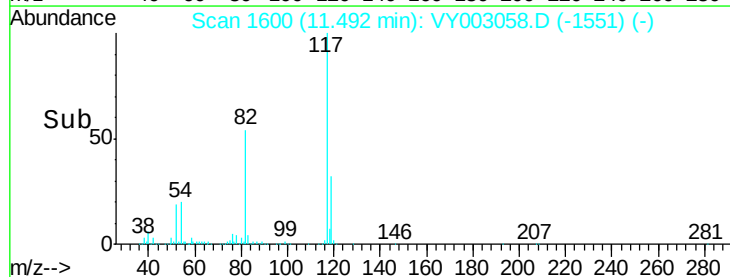
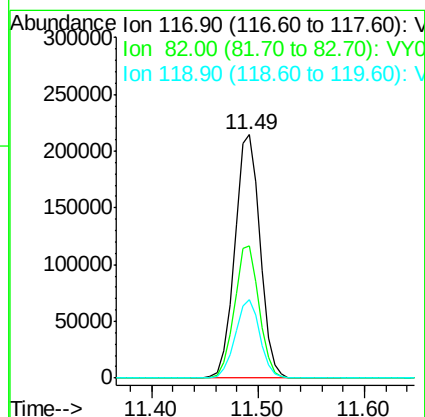
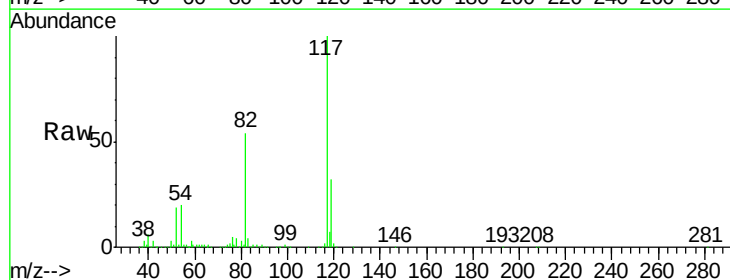
Tgt Ion: 117 Resp: 355891

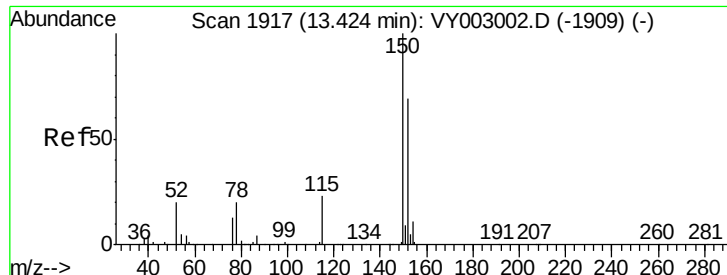
Ion Ratio Lower Upper

117 100

82 54.3 43.0 64.6

119 32.1 25.8 38.8



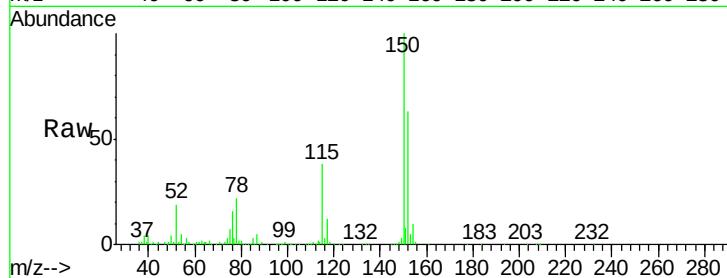


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: VY003058.D
 Acq: 01 Jul 2020 15:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-D35RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.3	27.3	81.9
150	155.4	0.0	343.4



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

