

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110819\
 Data File : VY000610.D
 Acq On : 08 Nov 2019 12:36
 Operator : SY/MD
 Sample : K5722-09
 Misc : 7.02G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 6-B

Quant Time: Nov 11 05:49:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

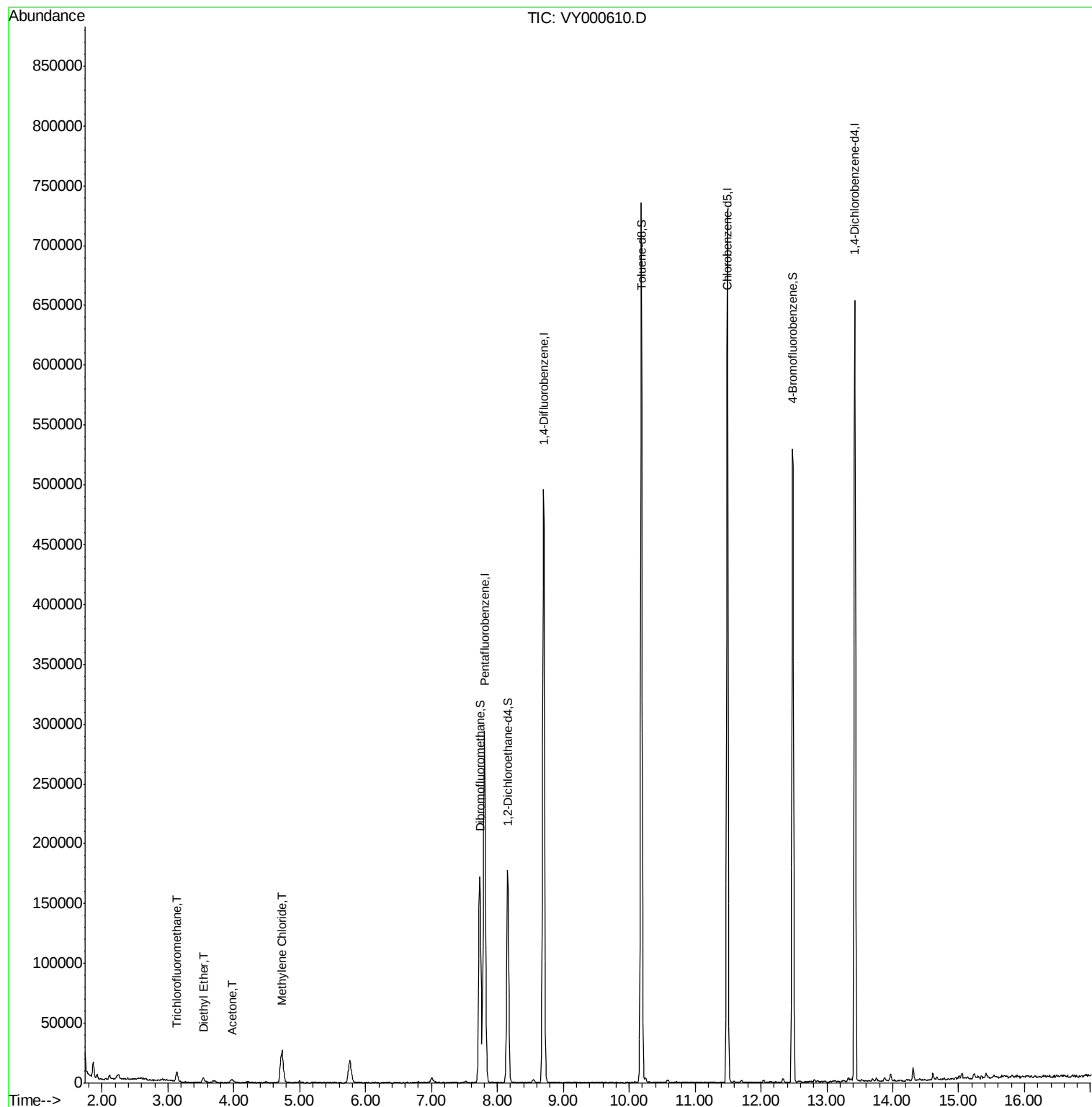
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	226187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	412256	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	368137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	154033	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	137849	58.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.78%	
35) Dibromofluoromethane	7.73	113	121248	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
50) Toluene-d8	10.19	98	482799	52.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.14%	
62) 4-Bromofluorobenzene	12.48	95	162459	46.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.94%	
Target Compounds						
7) Trichlorofluoromethane	3.13	101	8298	2.157	ug/l	99
8) Diethyl Ether	3.54	74	2229	1.631	ug/l	74
16) Acetone	3.97	43	5319	8.245	ug/l	93
20) Methylene Chloride	4.73	84	20117	7.277	ug/l	91

(#) = 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# 995

Delta R.T. 0.00 min

Lab File: VY000610.D

Acq: 08 Nov 2019 12:36

Instrument :

MSVOA_Y

ClientSampled :

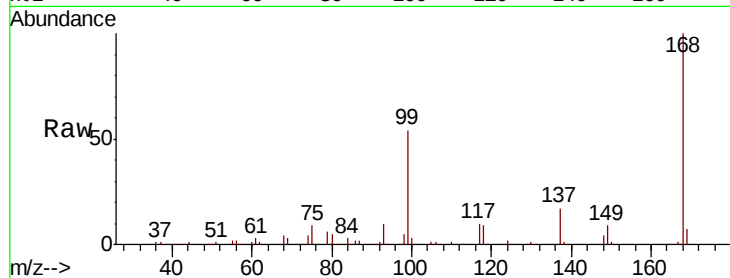
6-B

Tot Ion:168 Resp: 226187

Ion Ratio Lower Upper

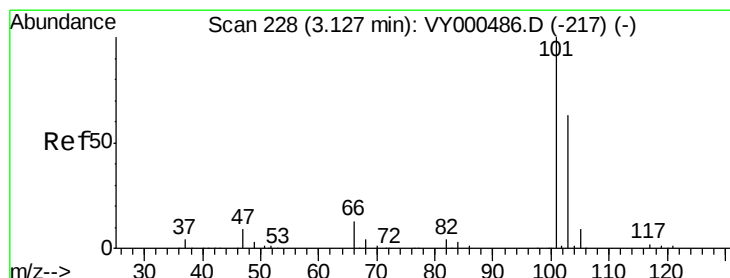
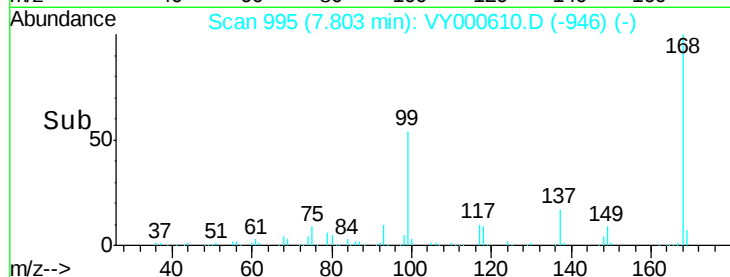
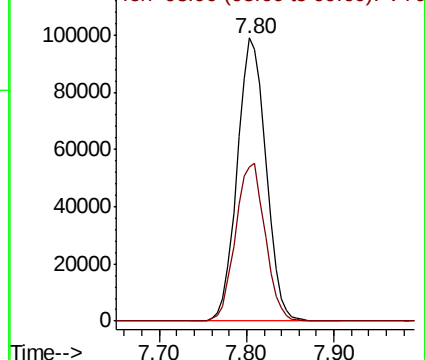
168 100

99 54.5 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0



#7

Trichlorofluoromethane

Concen: 2.157 ug/l

RT: 3.13 min Scan# 229

Delta R.T. 0.01 min

Lab File: VY000610.D

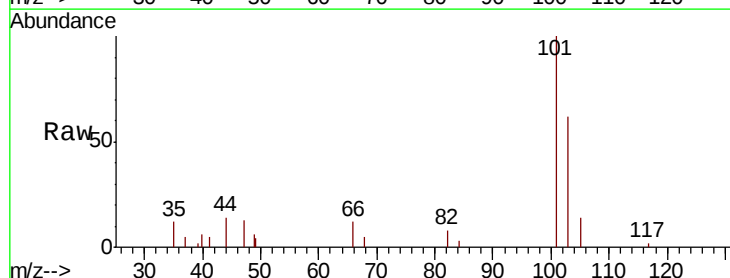
Acq: 08 Nov 2019 12:36

Tgt Ion:101 Resp: 8298

Ion Ratio Lower Upper

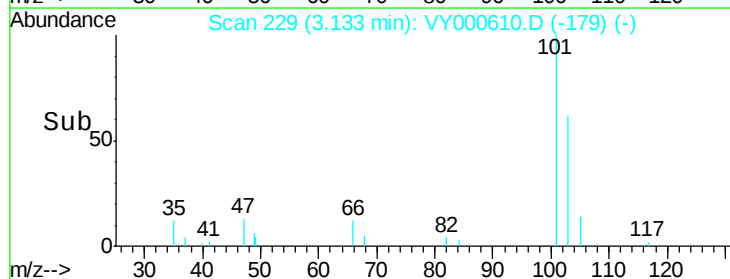
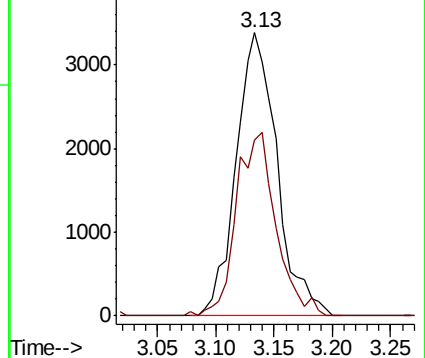
101 100

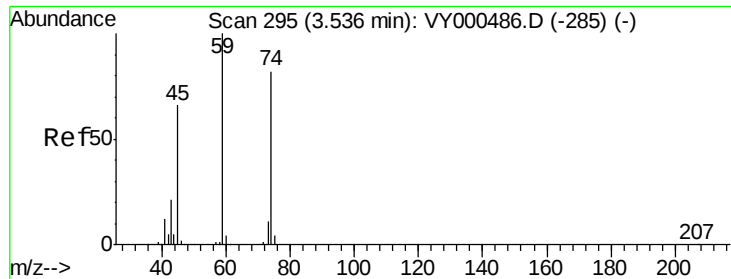
103 62.2 50.5 75.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V





#8

Diethyl Ether

Concen: 1.631 ug/l

RT: 3.54 min Scan# 295

Delta R.T. -0.00 min

Lab File: VY000610.D

Acq: 08 Nov 2019 12:36

Instrument :

MSVOA_Y

ClientSampled :

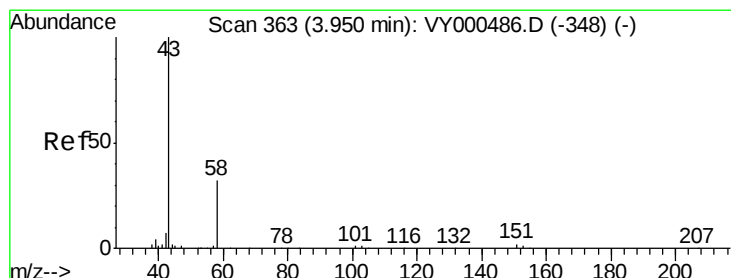
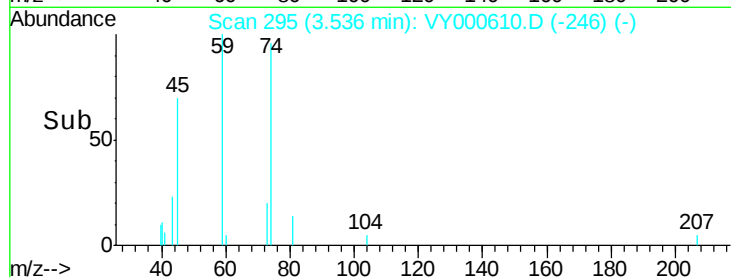
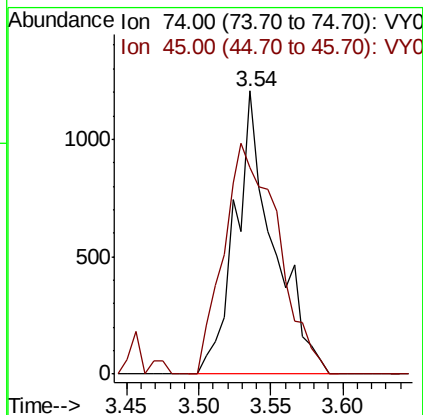
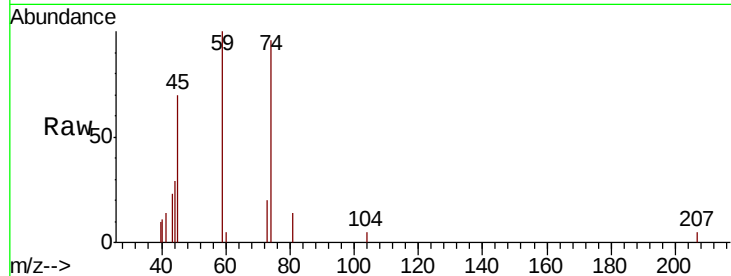
6-B

Tot Ion: 74 Resp: 2229

Ion Ratio Lower Upper

74 100

45 115.9 45.5 136.4



#16

Acetone

Concen: 8.245 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.02 min

Lab File: VY000610.D

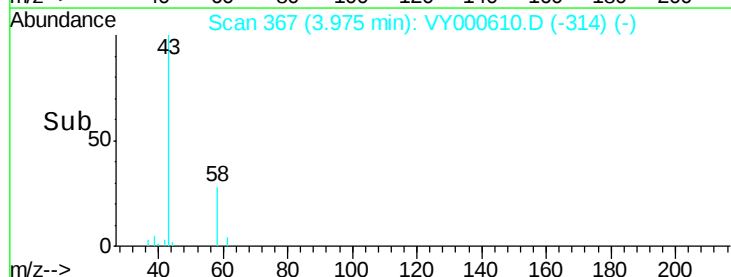
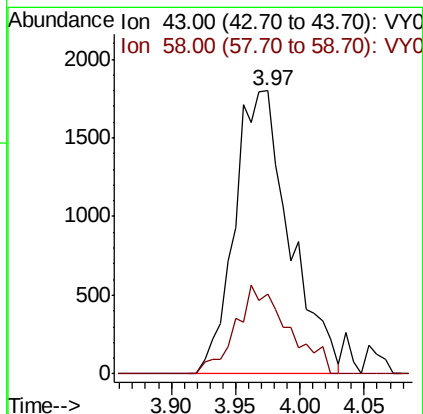
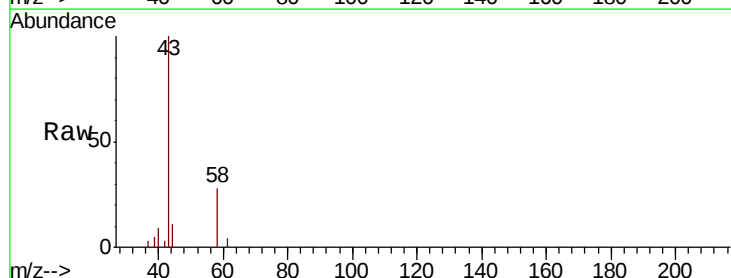
Acq: 08 Nov 2019 12:36

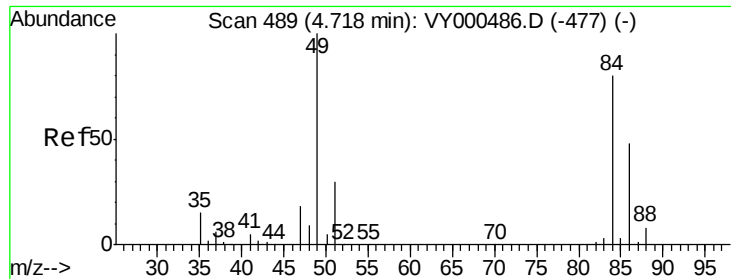
Tgt Ion: 43 Resp: 5319

Ion Ratio Lower Upper

43 100

58 28.2 25.8 38.6

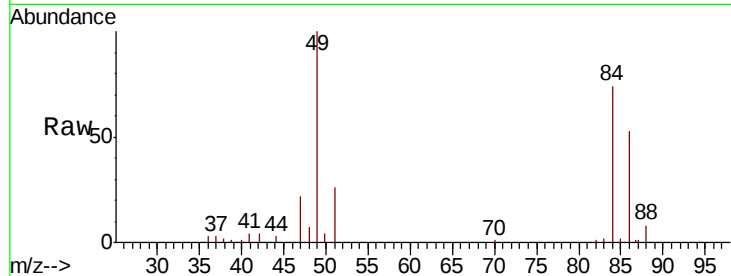




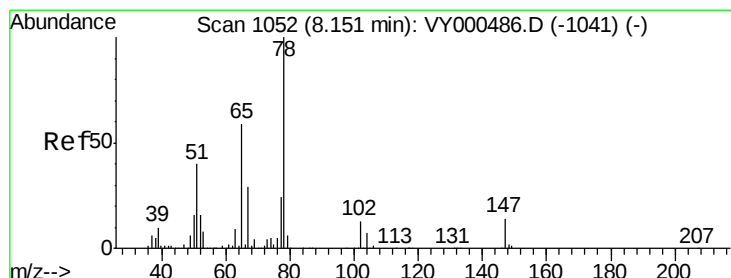
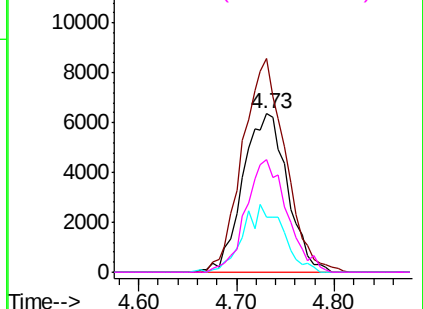
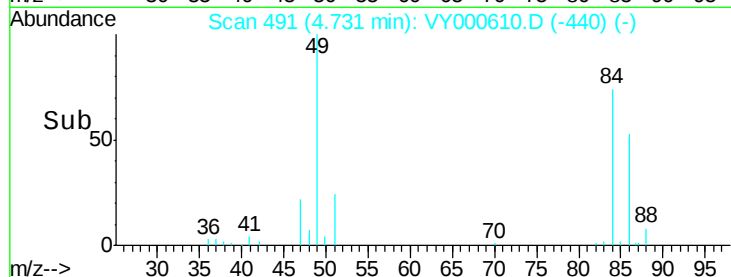
#20
Methylene Chloride
Concen: 7.277 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY000610.D
Acq: 08 Nov 2019 12:36

Instrument :
MSVOA_Y
ClientSampled :
6-B

Tot Ion: 84 Resp: 20117
Ion Ratio Lower Upper
84 100
49 135.0 100.2 150.4
51 34.6 29.6 44.4
86 71.5 48.3 72.5

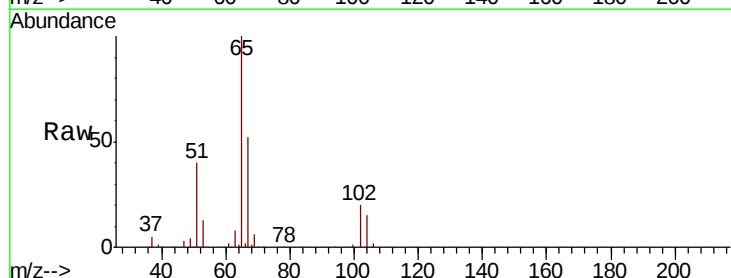


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

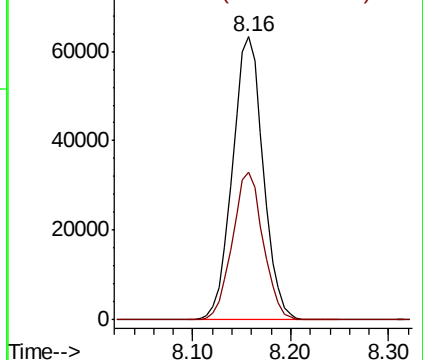
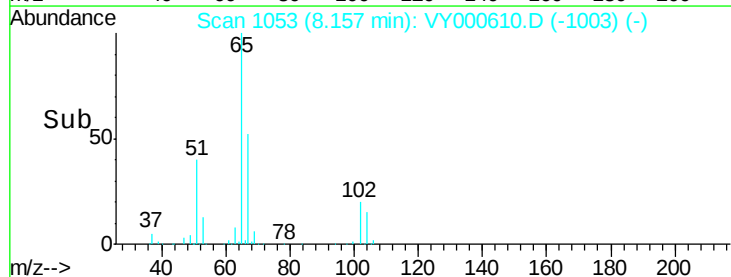


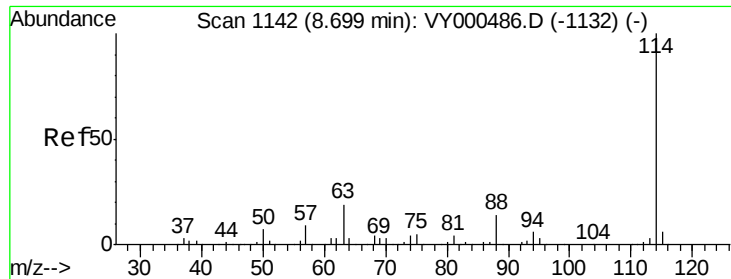
#33
1,2-Dichloroethane-d4
Concen: 58.891 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VY000610.D
Acq: 08 Nov 2019 12:36

Tgt Ion: 65 Resp: 137849
Ion Ratio Lower Upper
65 100
67 52.1 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

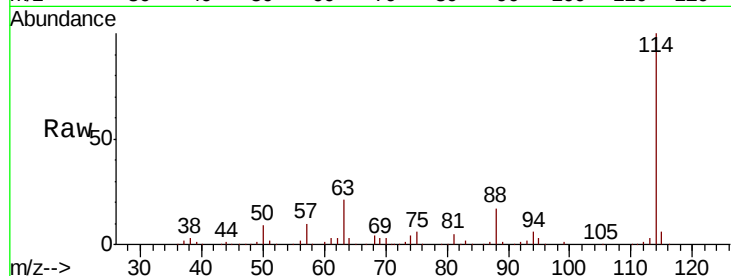




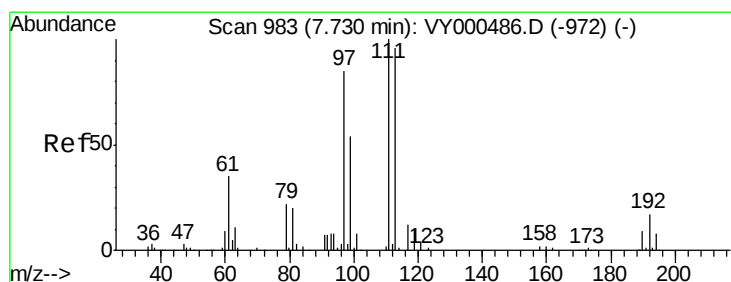
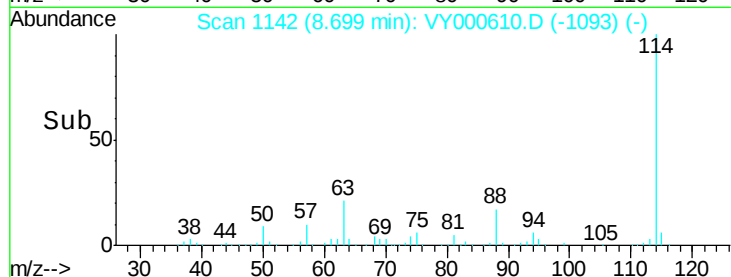
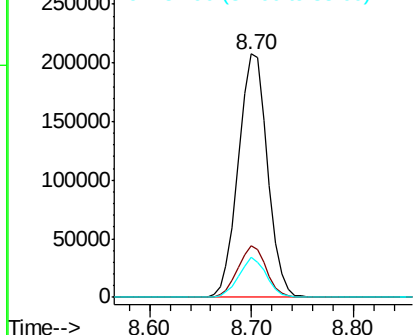
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000610.D
 Acq: 08 Nov 2019 12:36

Instrument :
 MSVOA_Y
 ClientSampled :
 6-B

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	38.0
88	16.5	0.0	28.6

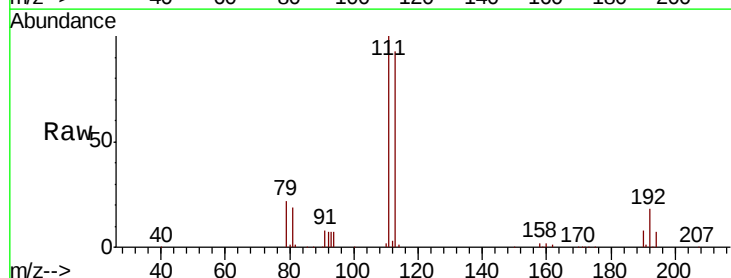


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

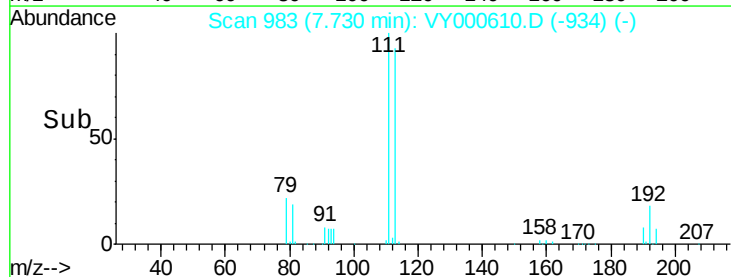
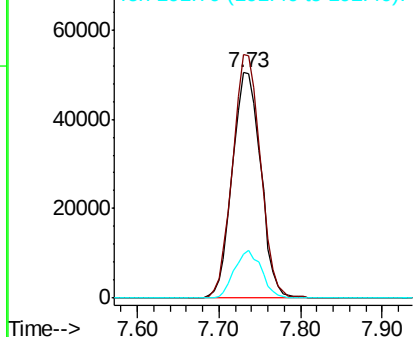


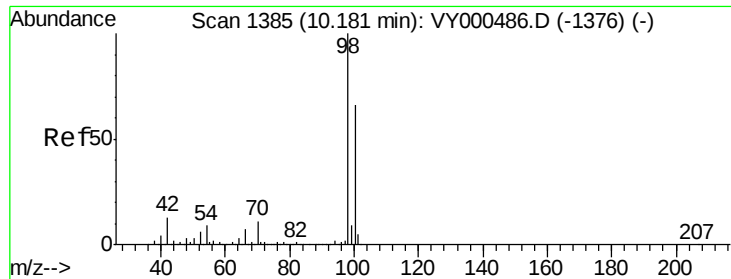
#35
 Dibromofluoromethane
 Concen: 50.098 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000610.D
 Acq: 08 Nov 2019 12:36

Tgt Ion	Ratio	Lower	Upper
113	100		
111	106.3	81.7	122.5
192	20.3	15.0	22.4



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: 52.573 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.01 min

Lab File: VY000610.D

Acq: 08 Nov 2019 12:36

Instrument :

MSVOA_Y

ClientSampleId :

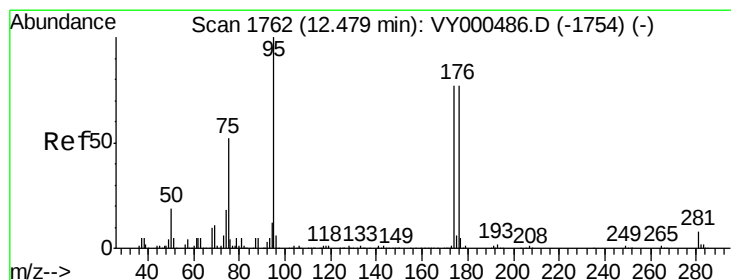
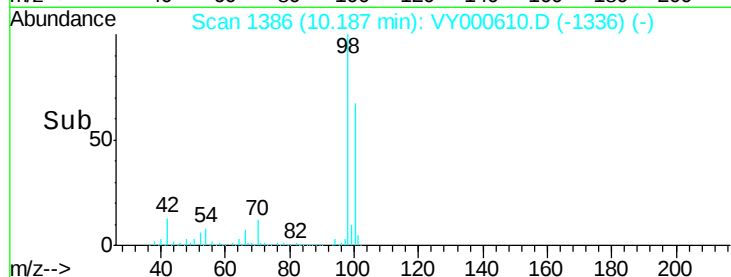
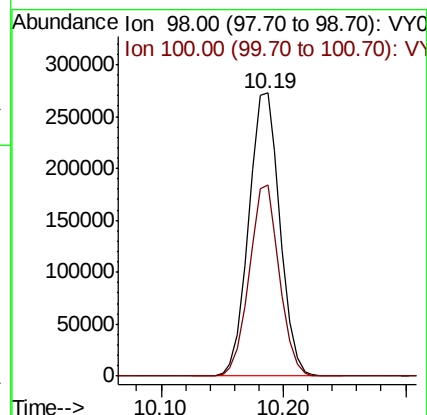
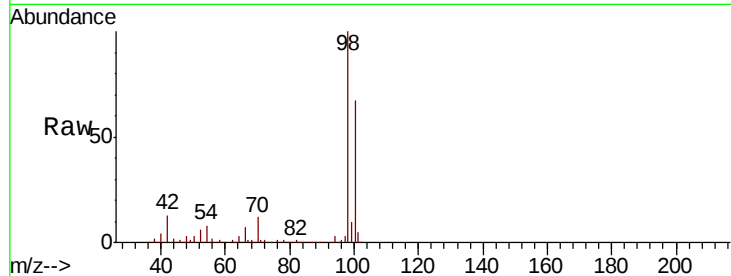
6-B

Tot Ion: 98 Resp: 482799

Ion Ratio Lower Upper

98 100

100 65.0 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 46.469 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000610.D

Acq: 08 Nov 2019 12:36

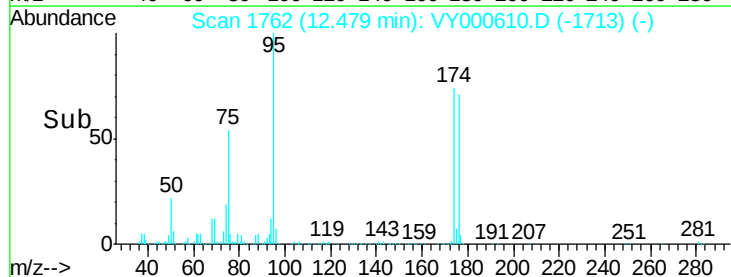
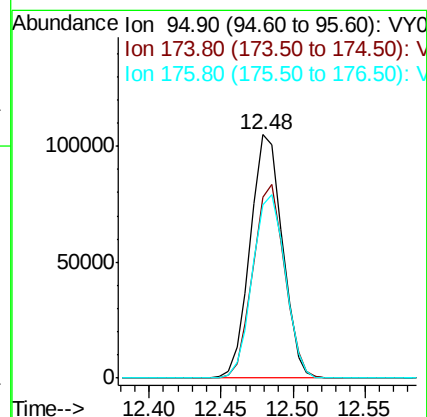
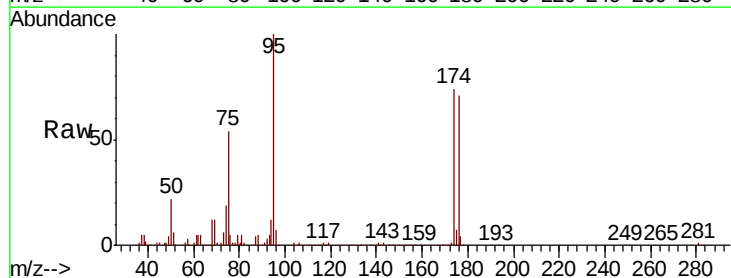
Tgt Ion: 95 Resp: 162459

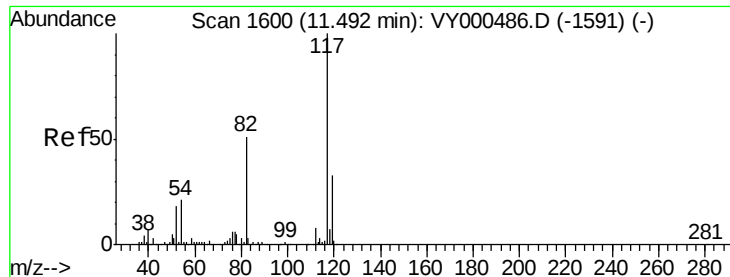
Ion Ratio Lower Upper

95 100

174 78.5 0.0 161.6

176 76.5 0.0 157.8

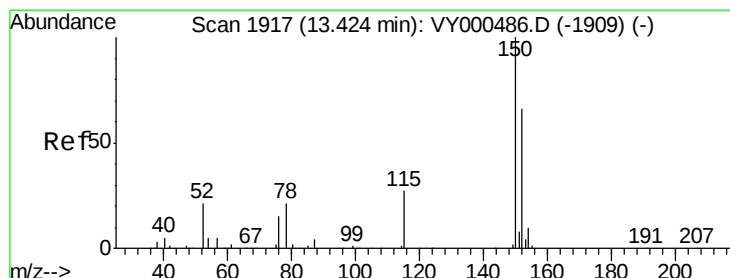
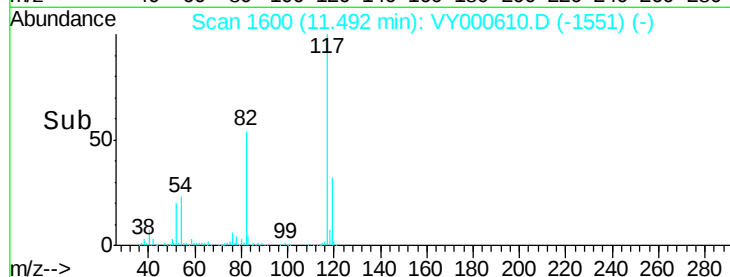
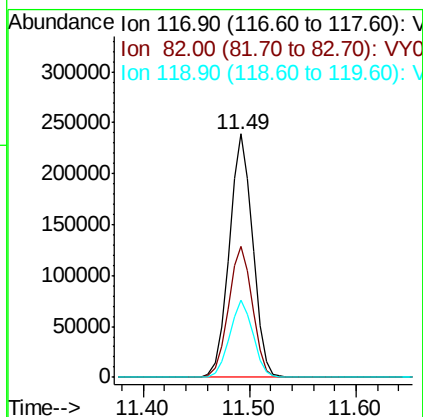
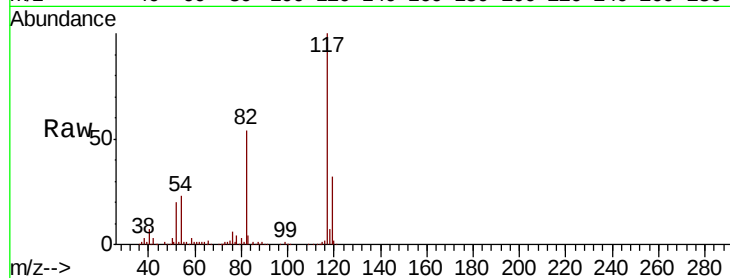




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000610.D
Acq: 08 Nov 2019 12:36

Instrument :
MSVOA_Y
ClientSampleId :
6-B

Tot Ion:117 Resp: 368137
Ion Ratio Lower Upper
117 100
82 53.7 40.8 61.2
119 32.0 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000610.D
Acq: 08 Nov 2019 12:36

Tgt Ion:152 Resp: 154033
Ion Ratio Lower Upper
152 100
115 60.1 29.1 87.4
150 160.9 0.0 348.8

