

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072720\
 Data File : VY003358.D
 Acq On : 27 Jul 2020 16:15
 Operator : SY/MD
 Sample : L3434-03
 Misc : 7.40G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 11936

Quant Time: Jul 28 05:28:09 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

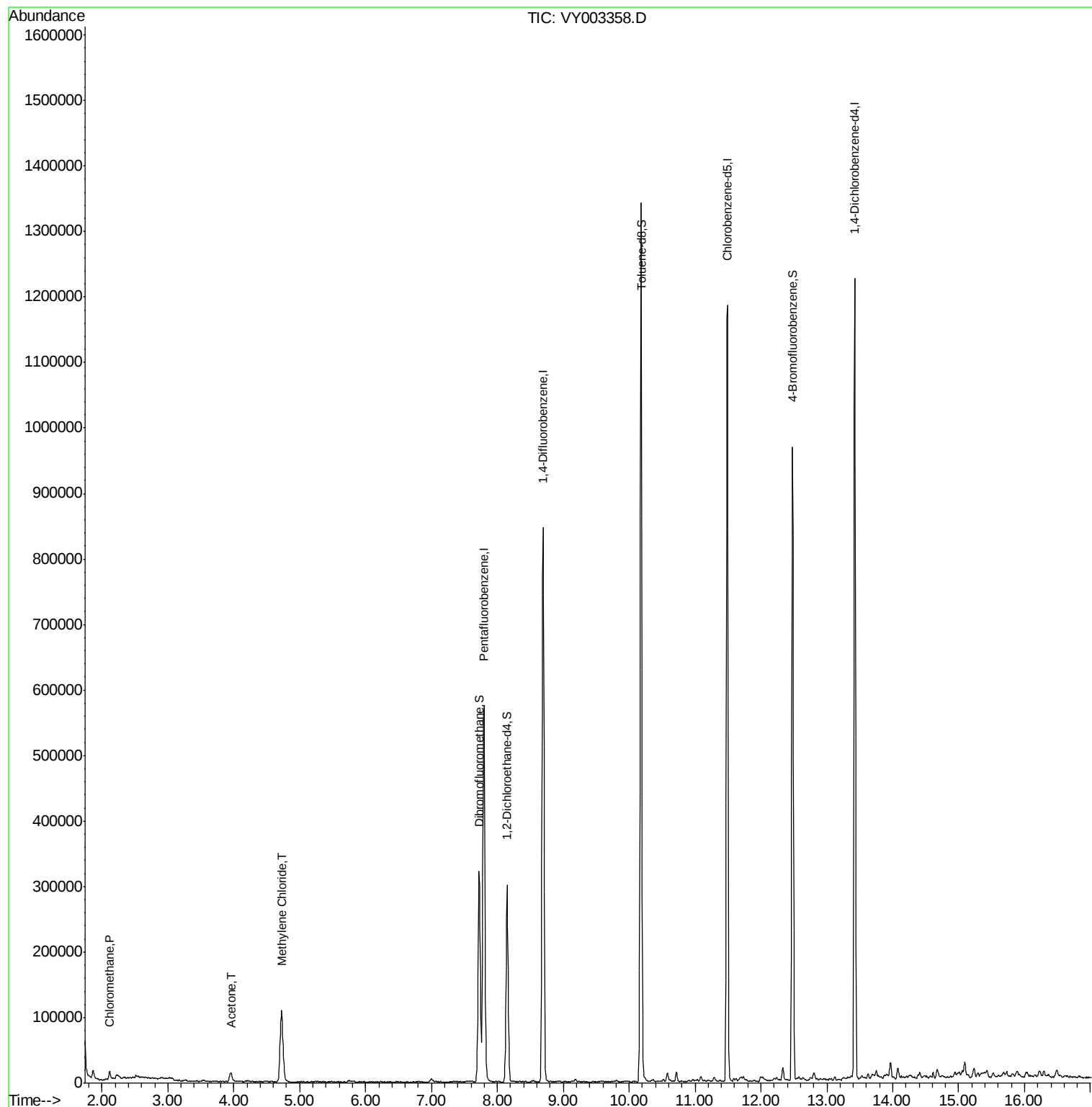
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	476220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	732955	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	663484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	311033	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	226185	56.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.54%	
35) Dibromofluoromethane	7.72	113	223060	52.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.76%	
50) Toluene-d8	10.18	98	884975	56.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.86%	
62) 4-Bromofluorobenzene	12.48	95	277956	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
Target Compounds						
3) Chloromethane	2.12	50	10926	2.308	ug/l	100
16) Acetone	3.96	43	23944	26.669	ug/l	98
20) Methylene Chloride	4.72	84	84089	14.739	ug/l	98

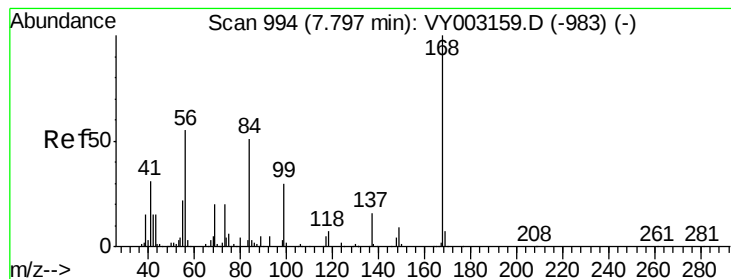
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072720\
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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: VY003358.D

Acq: 27 Jul 2020 16:15

Instrument :

MSVOA_Y

ClientSampleId :

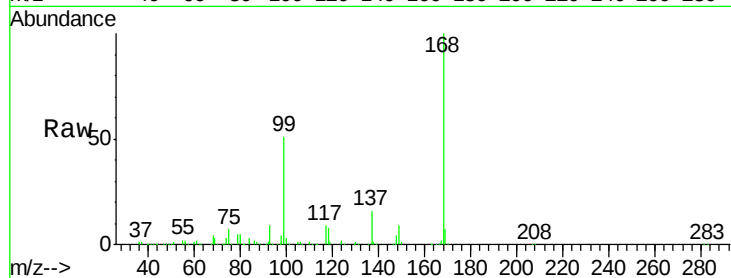
11936

Tot Ion:168 Resp: 476220

Ion Ratio Lower Upper

168 100

99 50.7 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003358.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003358.D (-945) (-)

7.80

200000

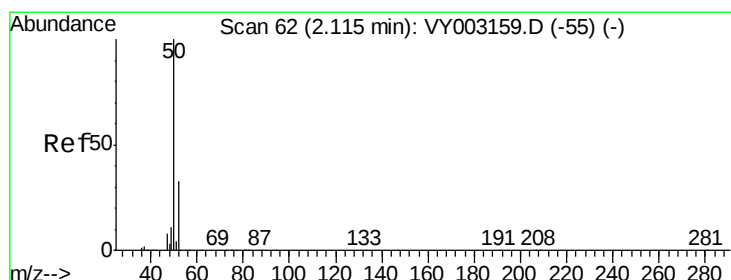
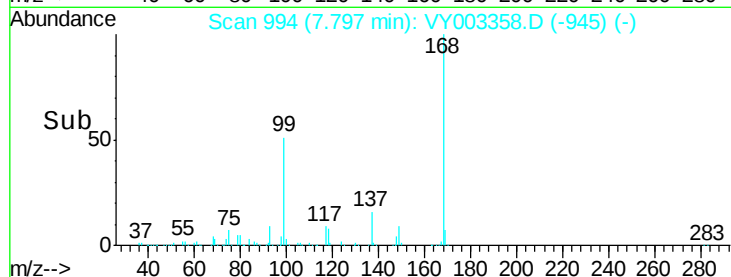
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 2.308 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003358.D

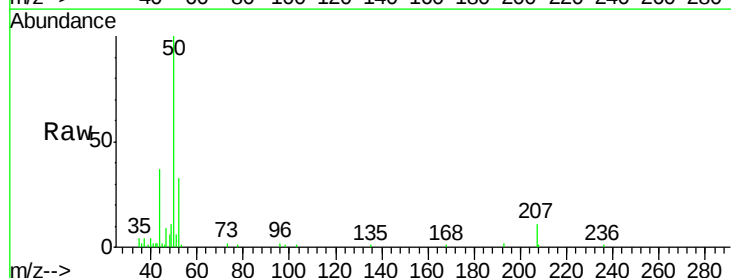
Acq: 27 Jul 2020 16:15

Tgt Ion: 50 Resp: 10926

Ion Ratio Lower Upper

50 100

52 33.4 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VY003358.D (-13) (-)

Ion 51.90 (51.60 to 52.60): VY003358.D (-13) (-)

2.12

8000

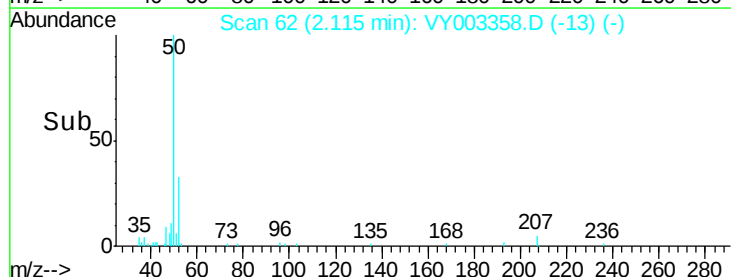
6000

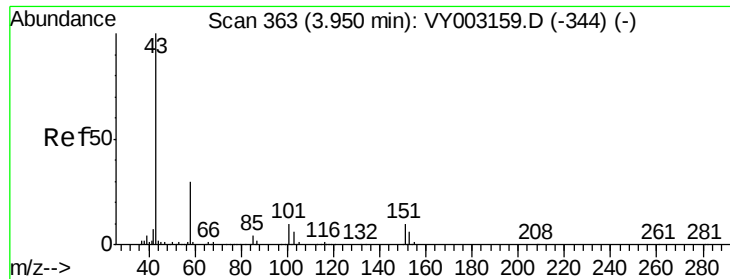
4000

2000

0

Time-->





#16

Acetone

Concen: 26.669 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003358.D

Acq: 27 Jul 2020 16:15

Instrument :

MSVOA_Y

ClientSampleId :

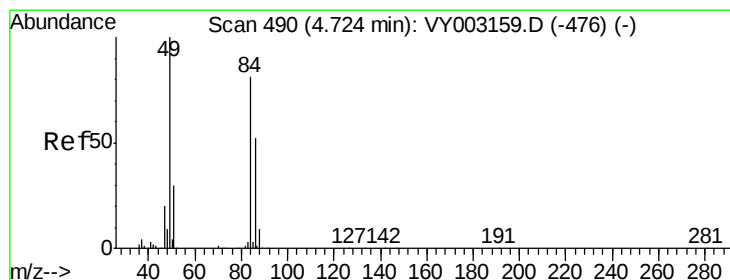
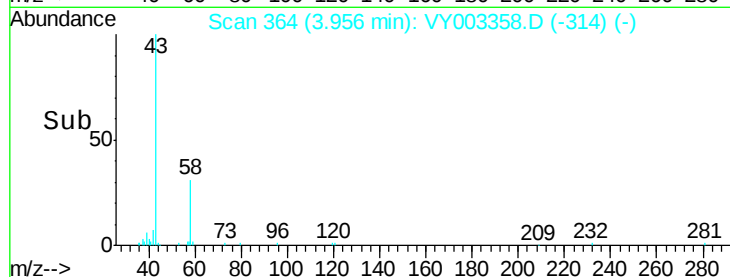
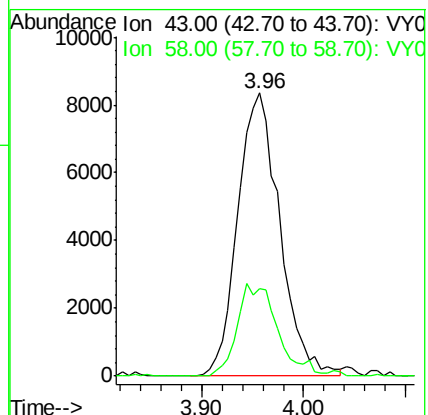
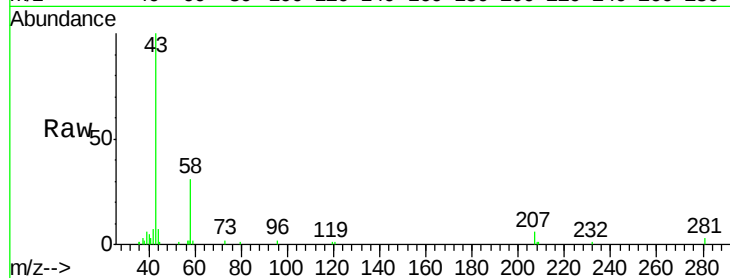
11936

Tot Ion: 43 Resp: 23944

Ion Ratio Lower Upper

43 100

58 30.7 23.8 35.6



#20

Methylene Chloride

Concen: 14.739 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003358.D

Acq: 27 Jul 2020 16:15

Tgt Ion: 84 Resp: 84089

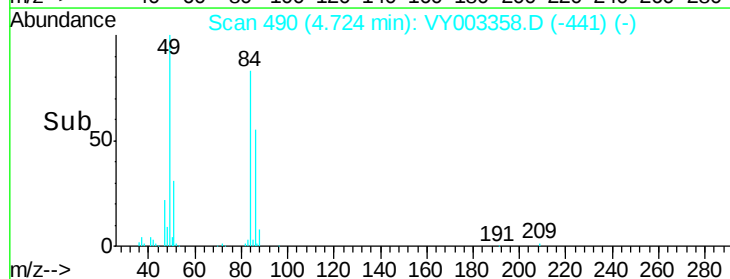
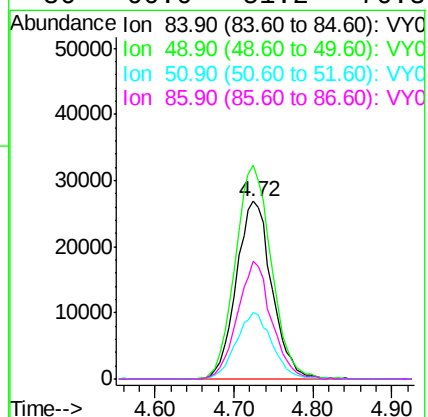
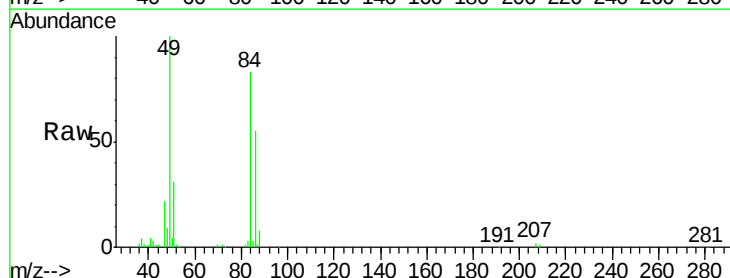
Ion Ratio Lower Upper

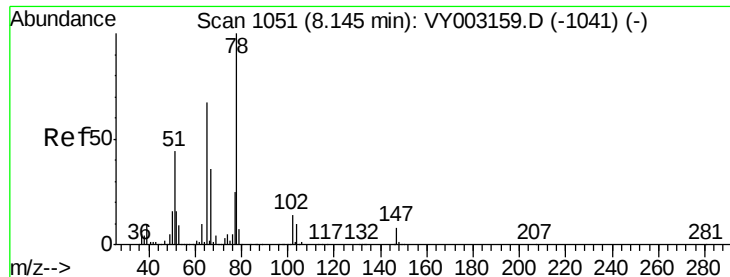
84 100

49 120.3 98.2 147.4

51 37.2 29.8 44.6

86 66.0 51.2 76.8

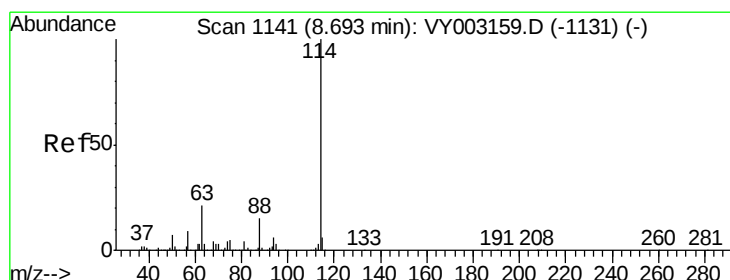
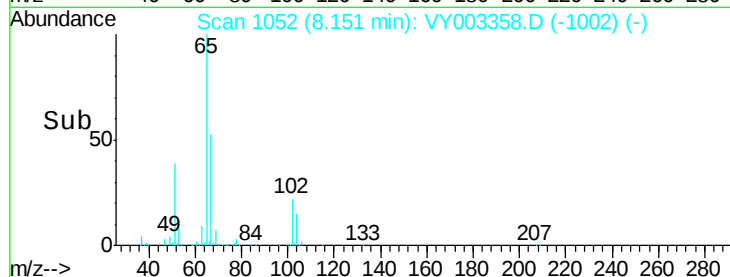
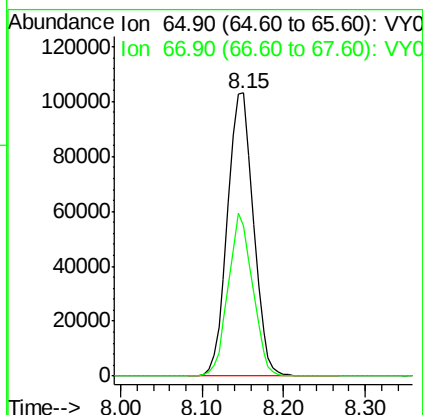
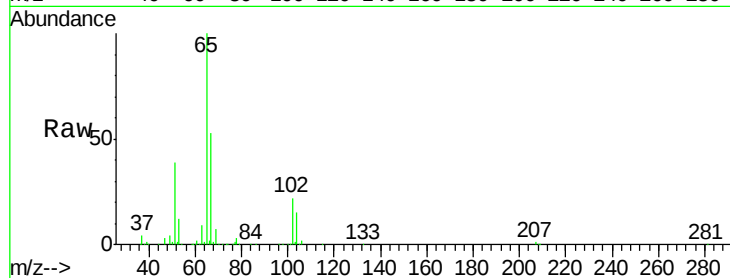




#33
 1,2-Dichloroethane-d4
 Concen: 56.272 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003358.D
 Acq: 27 Jul 2020 16:15

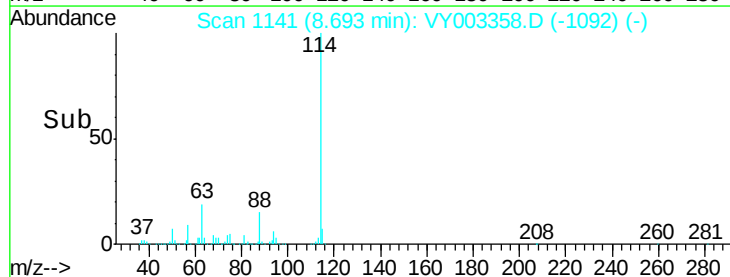
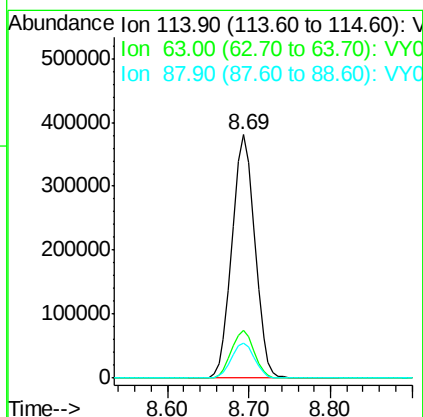
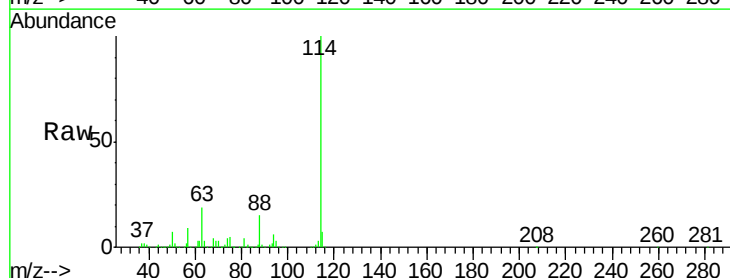
Instrument :
 MSVOA_Y
 ClientSampleId :
 11936

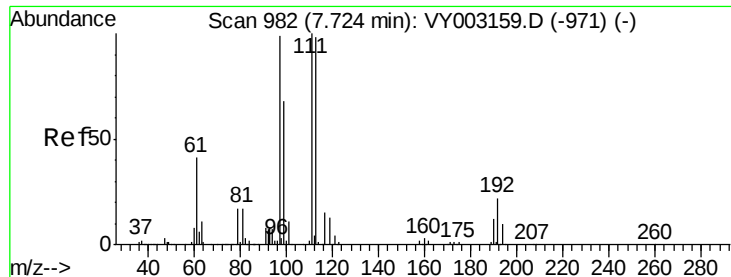
Tot Ion: 65 Resp: 226185
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003358.D
 Acq: 27 Jul 2020 16:15

Tgt Ion: 114 Resp: 732955
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 41.2
 88 14.6 0.0 30.2





#35

Dibromofluoromethane

Concen: 52.883 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003358.D

Acq: 27 Jul 2020 16:15

Instrument :

MSVOA_Y

ClientSampleId :

11936

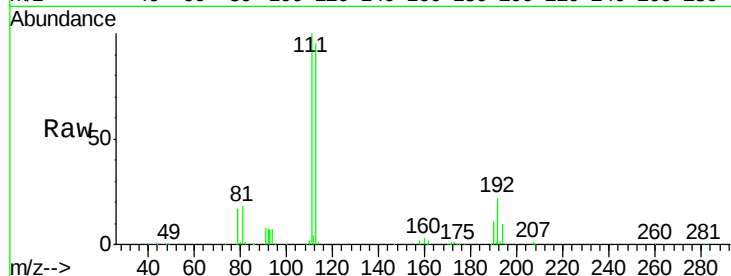
Tot Ion:113 Resp: 223060

Ion Ratio Lower Upper

113 100

111 104.2 82.1 123.1

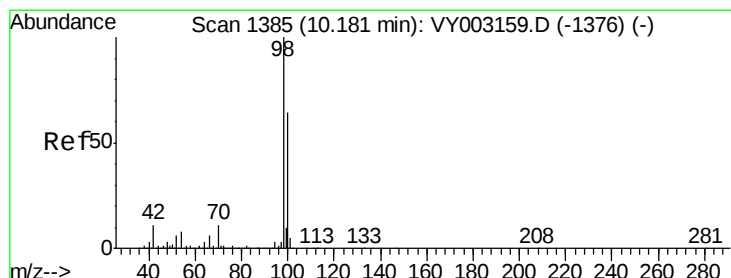
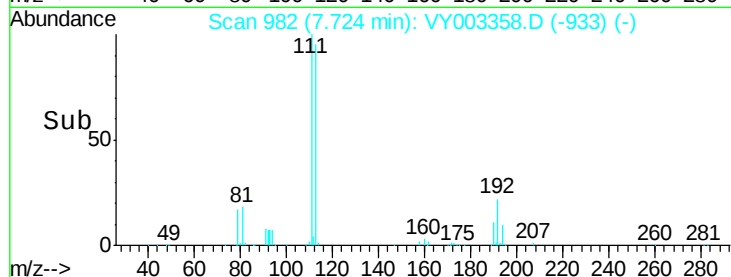
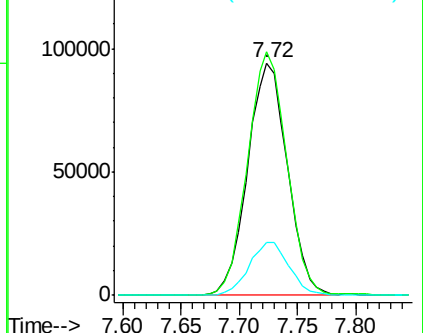
192 23.1 18.8 28.2



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: 56.433 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003358.D

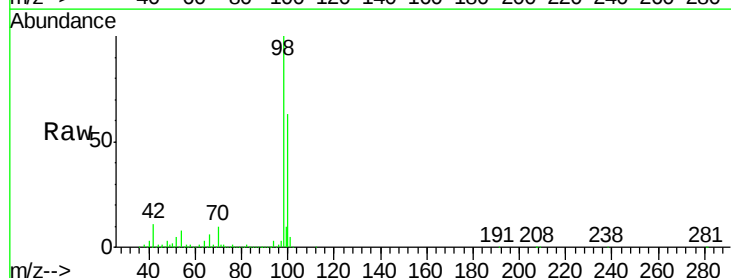
Acq: 27 Jul 2020 16:15

Tgt Ion: 98 Resp: 884975

Ion Ratio Lower Upper

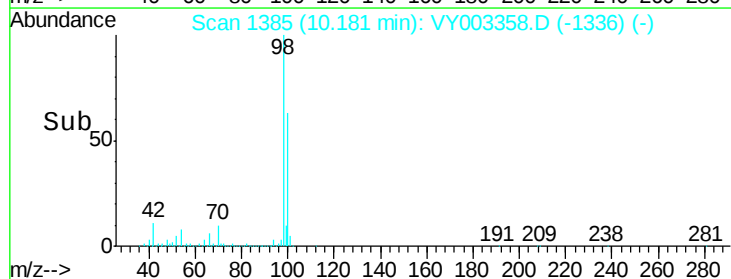
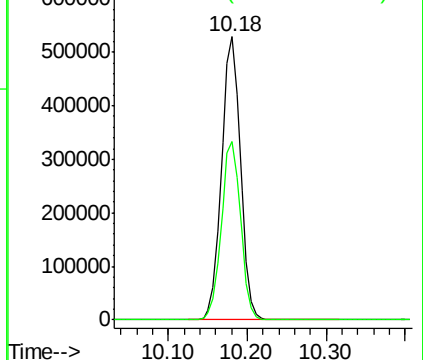
98 100

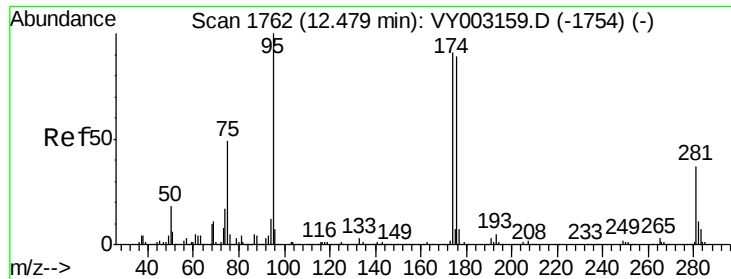
100 63.6 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

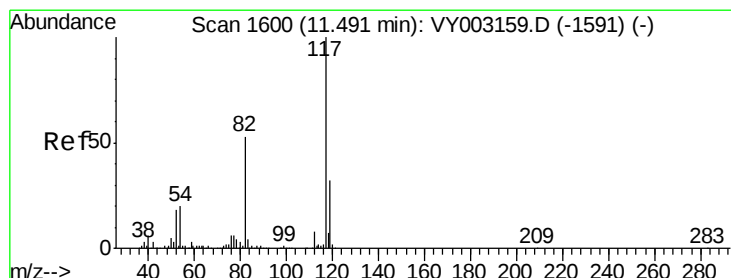
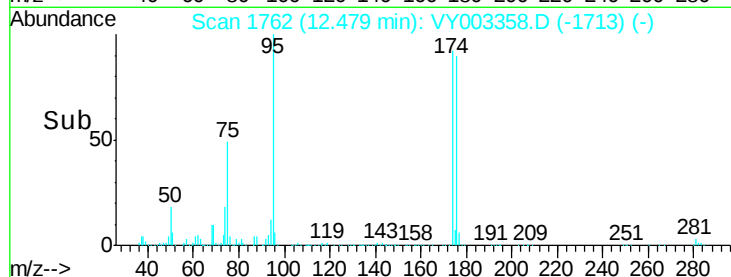
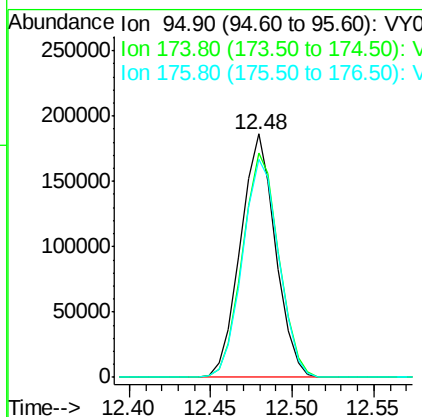
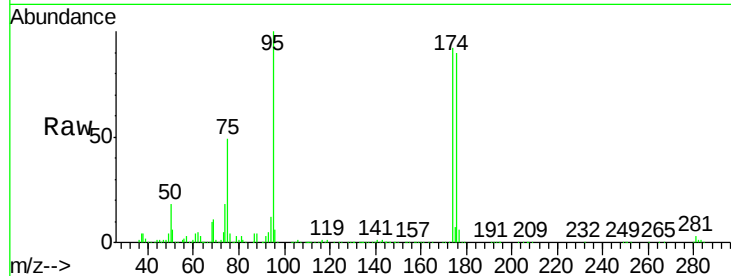




#62
4-Bromofluorobenzene
Concen: 49.064 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY003358.D
Acq: 27 Jul 2020 16:15

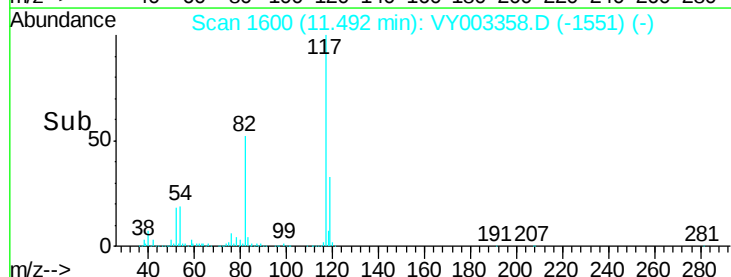
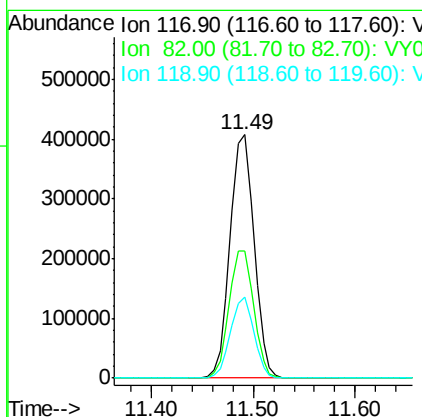
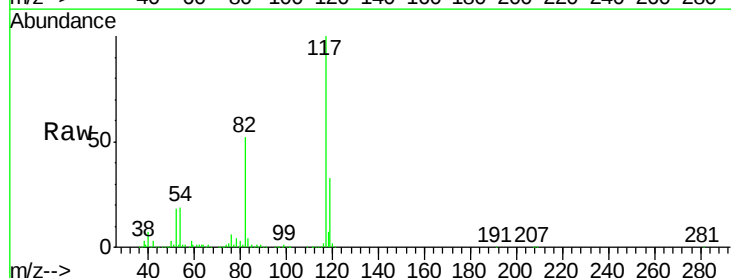
Instrument :
MSVOA_Y
ClientSampleId :
11936

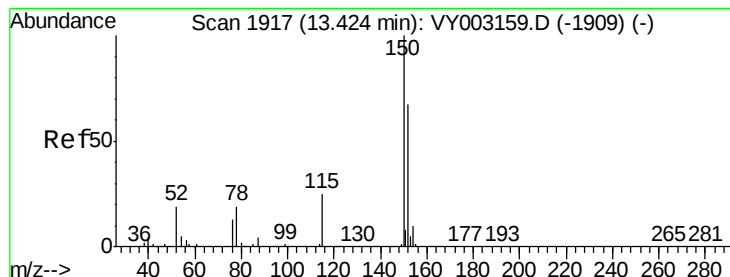
Tot Ion	Ratio	Lower	Upper
95	100		
174	95.7	0.0	190.6
176	93.6	0.0	186.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003358.D
Acq: 27 Jul 2020 16:15

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.0	63.0
119	33.5	25.5	38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003358.D

Acq: 27 Jul 2020 16:15

Instrument :

MSVOA_Y

ClientSampleId :

11936

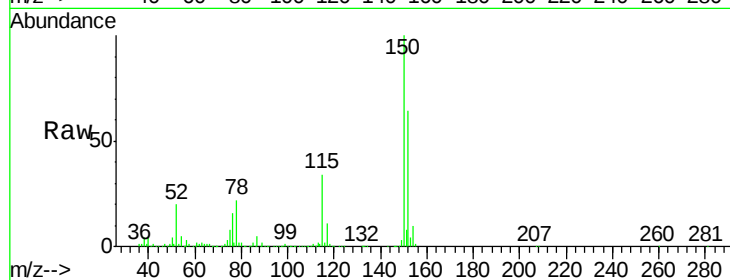
Tot Ion:152 Resp: 311033

Ion Ratio Lower Upper

152 100

115 53.5 26.9 80.7

150 155.9 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

