

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071020\
 Data File : VY003172.D
 Acq On : 10 Jul 2020 18:42
 Operator : SY/MD
 Sample : L3257-03
 Misc : 6.23G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 8FT-MH-A

Quant Time: Jul 11 06:40:53 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

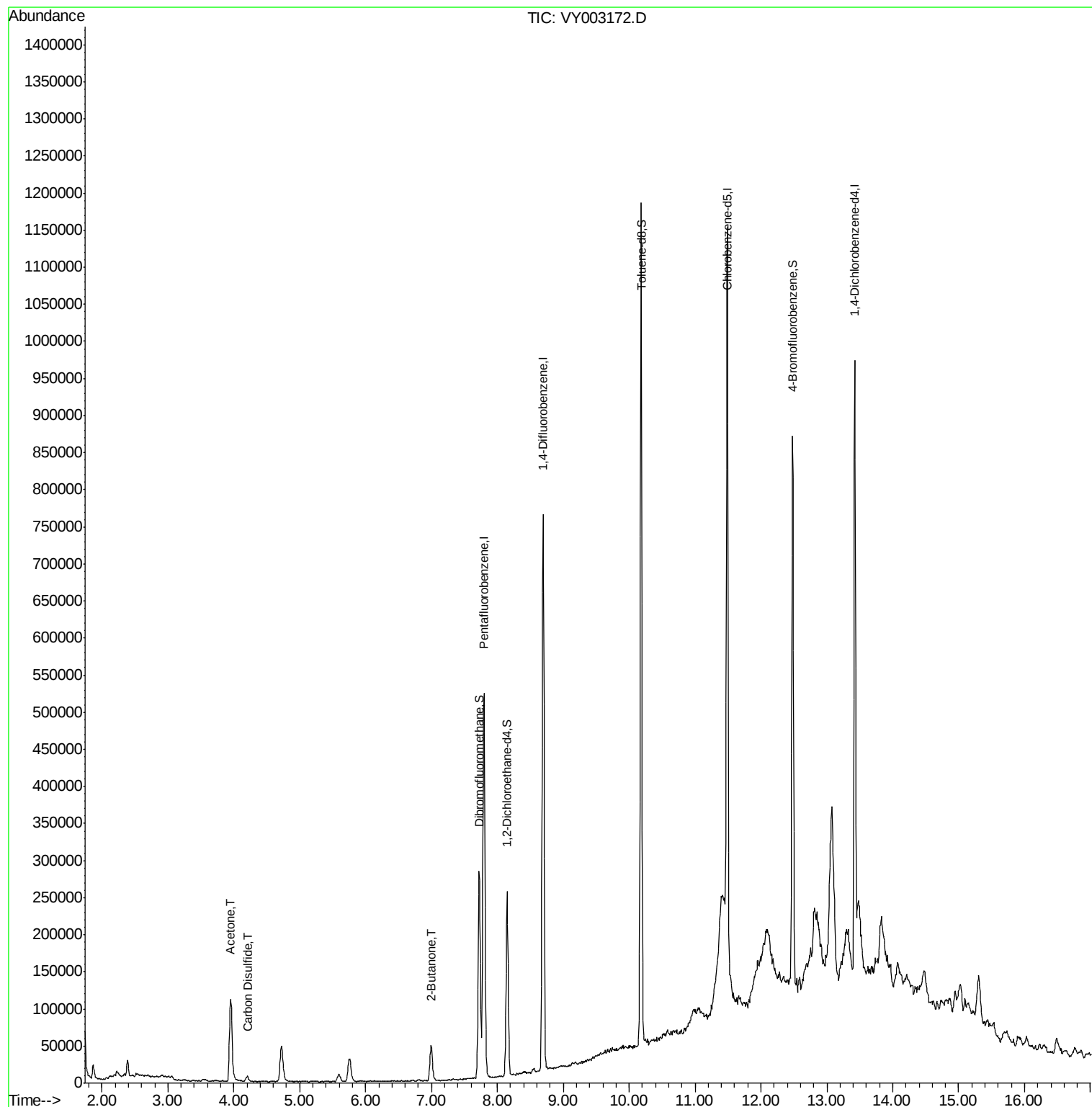
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	435475	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	638554	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	531466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	206532	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	194831	53.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.02%	
35) Dibromofluoromethane	7.72	113	193175	52.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.14%	
50) Toluene-d8	10.18	98	753264	55.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.28%	
62) 4-Bromofluorobenzene	12.48	95	216173	43.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.60%	
Target Compounds						
16) Acetone	3.95	43	195992	238.720	ug/l	94
17) Carbon Disulfide	4.21	76	11592	1.042	ug/l	97
25) 2-Butanone	6.99	43	78490	58.226	ug/l	97

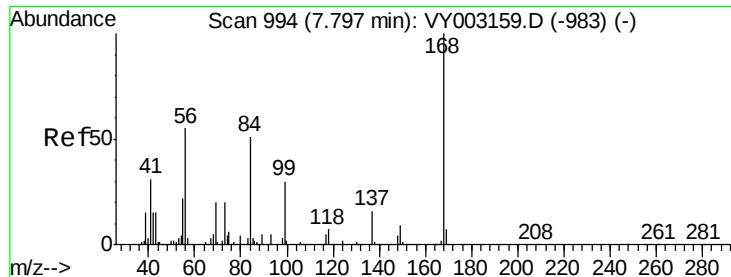
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003172.D

Acq: 10 Jul 2020 18:42

Instrument :

MSVOA_Y

ClientSampleId :

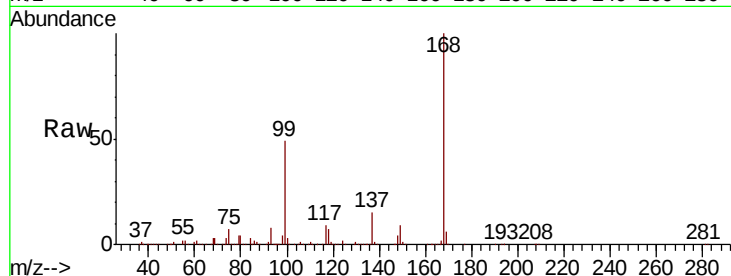
8FT-MH-A

Tot Ion:168 Resp: 435475

Ion Ratio Lower Upper

168 100

99 49.2 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003172.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003172.D (-945) (-)

7.80

200000

150000

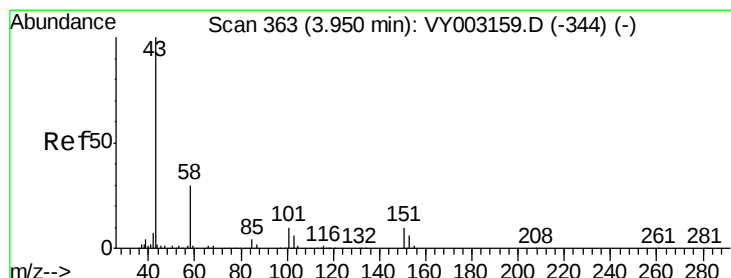
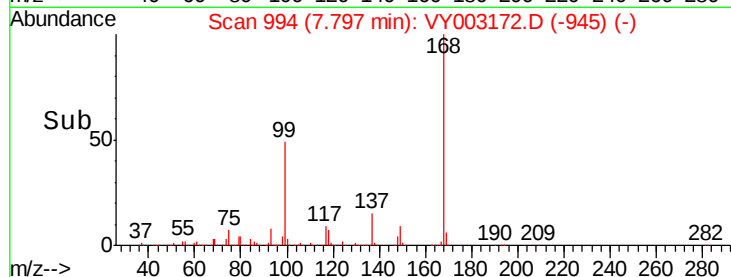
100000

50000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 238.720 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.00 min

Lab File: VY003172.D

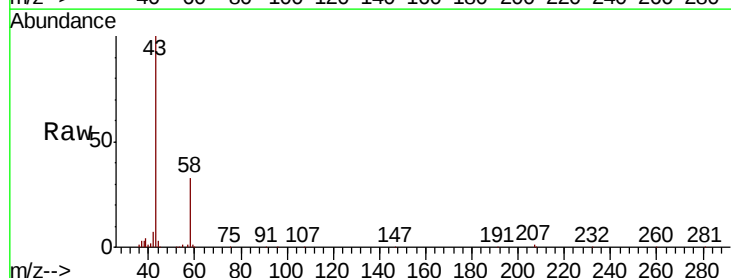
Acq: 10 Jul 2020 18:42

Tgt Ion: 43 Resp: 195992

Ion Ratio Lower Upper

43 100

58 32.7 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY003172.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003172.D (-314) (-)

3.95

80000

60000

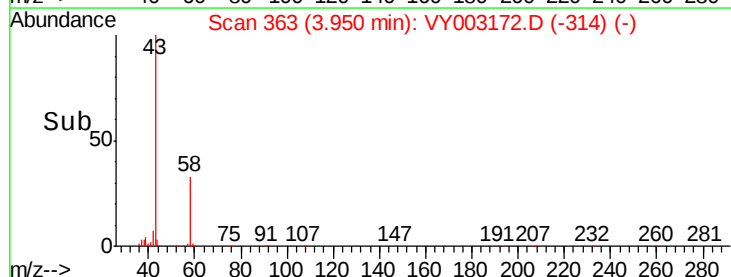
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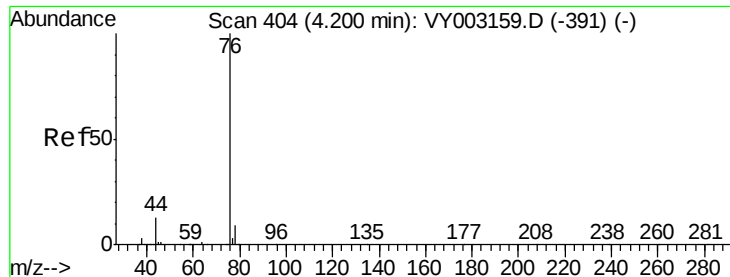
20000

0

3.80 3.90 4.00 4.10

Time-->

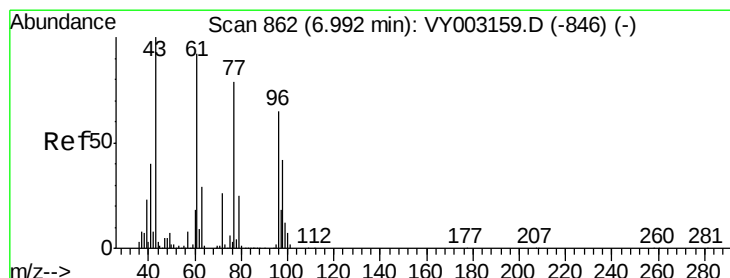
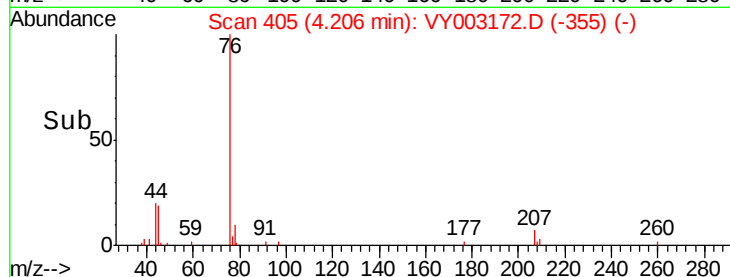
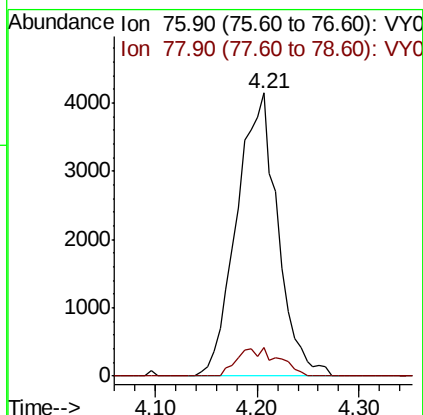
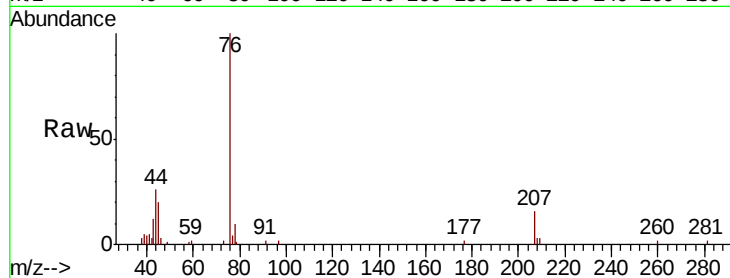




#17
Carbon Disulfide
Concen: 1.042 ug/l
RT: 4.21 min Scan# 405
Delta R.T. 0.01 min
Lab File: VY003172.D
Acq: 10 Jul 2020 18:42

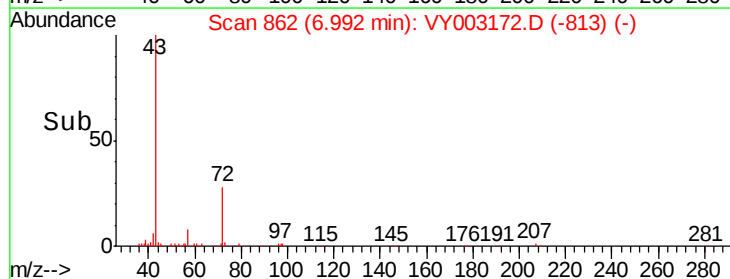
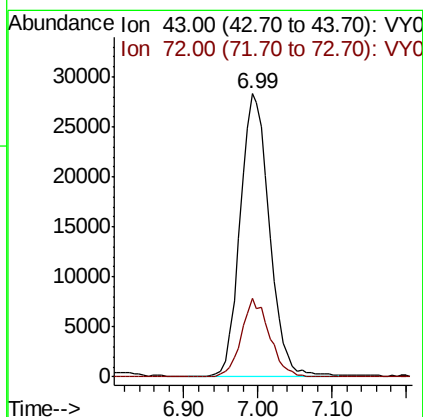
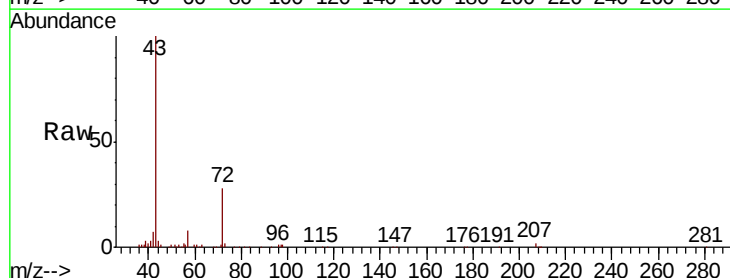
Instrument :
MSVOA_Y
ClientSampleId :
8FT-MH-A

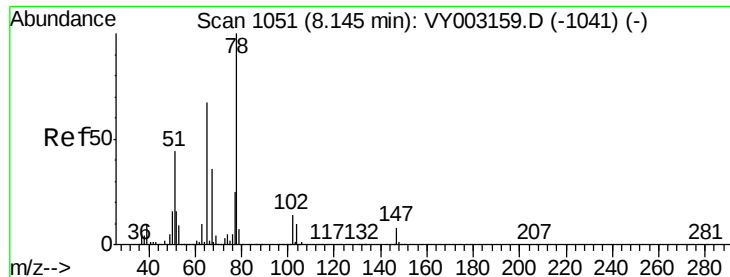
Tot Ion: 76 Resp: 11592
Ion Ratio Lower Upper
76 100
78 10.0 7.3 10.9



#25
2-Butanone
Concen: 58.226 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003172.D
Acq: 10 Jul 2020 18:42

Tgt Ion: 43 Resp: 78490
Ion Ratio Lower Upper
43 100
72 27.7 20.9 31.3

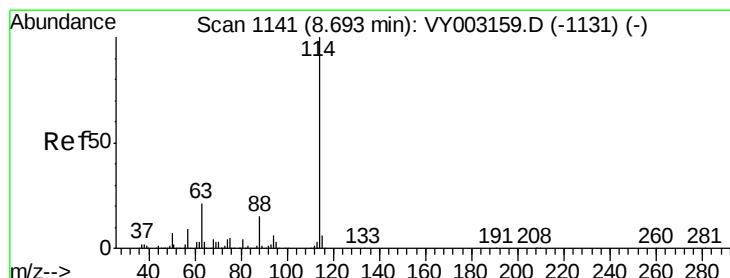
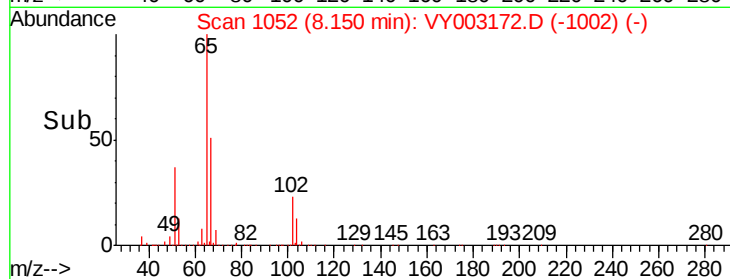
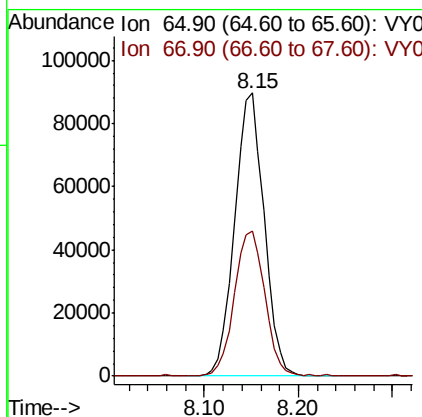
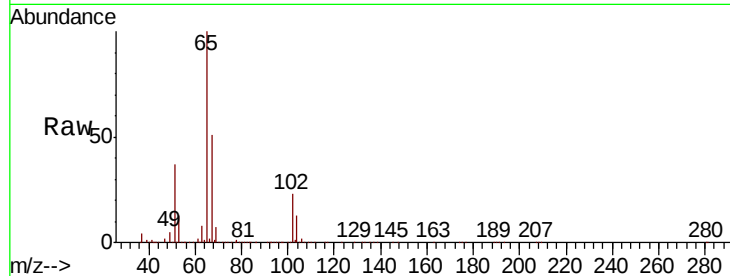




#33
 1,2-Dichloroethane-d4
 Concen: 53.007 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003172.D
 Acq: 10 Jul 2020 18:42

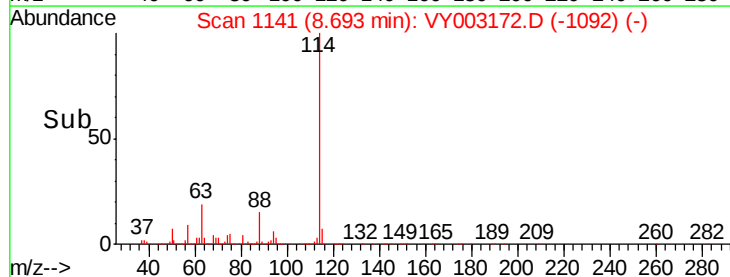
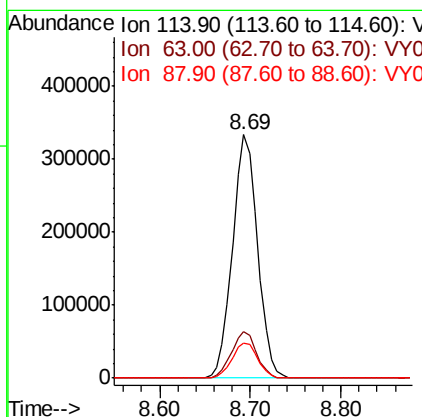
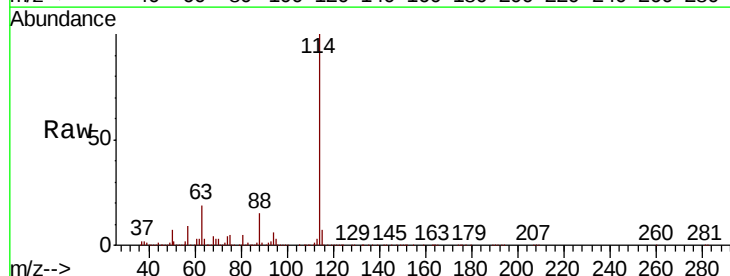
Instrument :
 MSVOA_Y
 ClientSampleId :
 8FT-MH-A

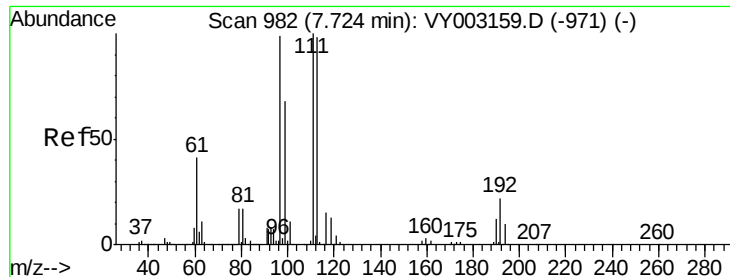
Tot Ion: 65 Resp: 194831
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003172.D
 Acq: 10 Jul 2020 18:42

Tgt Ion: 114 Resp: 638554
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 41.2
 88 14.6 0.0 30.2

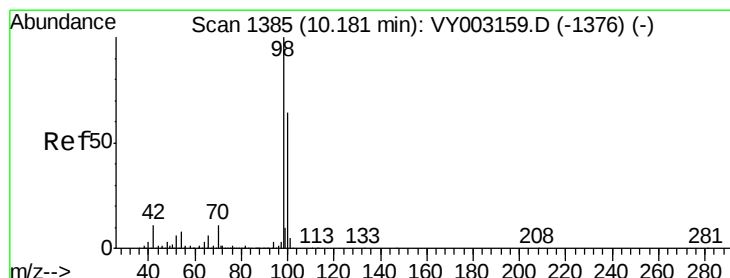
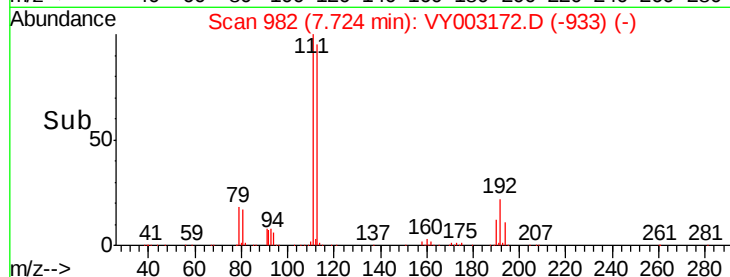
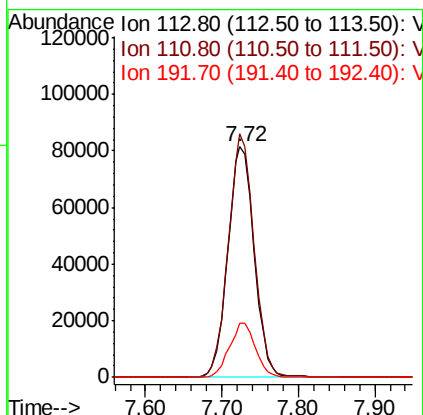
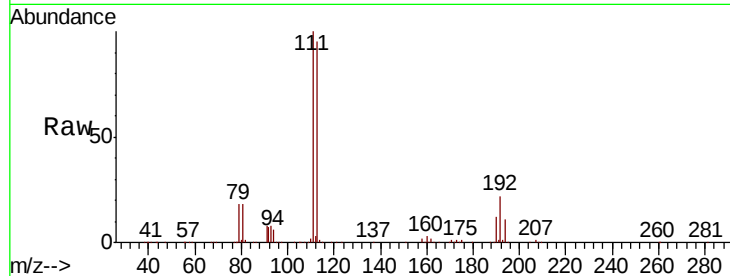




#35
 Dibromofluoromethane
 Concen: 52.569 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003172.D
 Acq: 10 Jul 2020 18:42

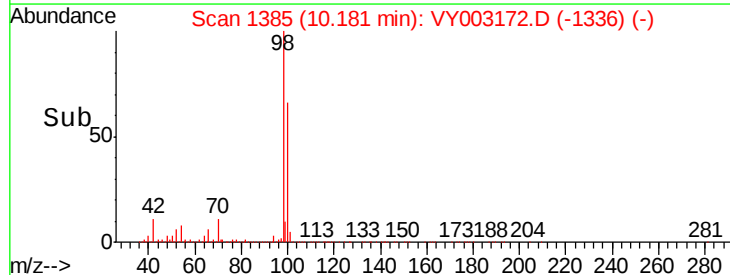
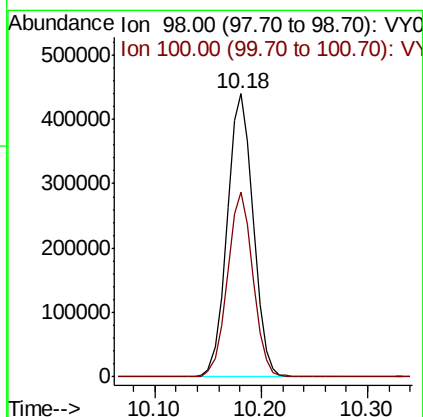
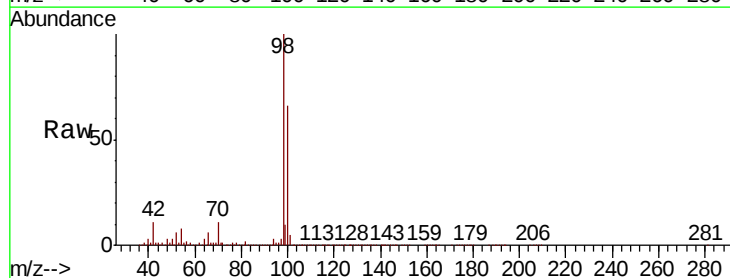
Instrument :
 MSVOA_Y
 ClientSampleId :
 8FT-MH-A

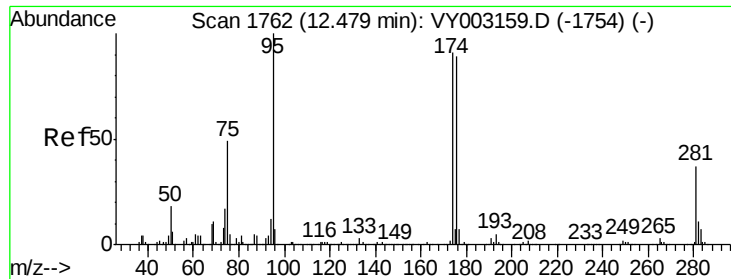
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.1	123.1
192	23.3	18.8	28.2



#50
 Toluene-d8
 Concen: 55.136 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY003172.D
 Acq: 10 Jul 2020 18:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.7	76.1

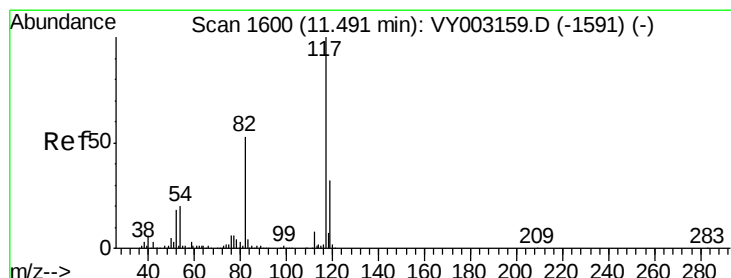
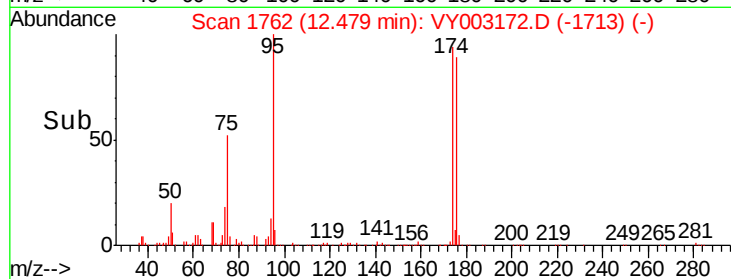
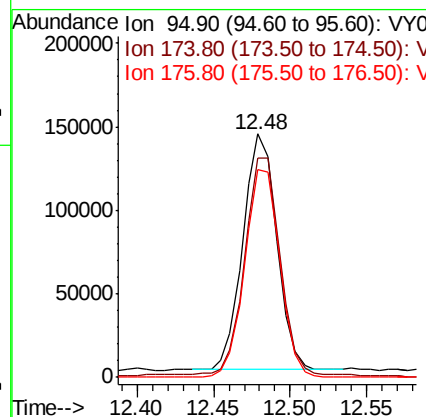
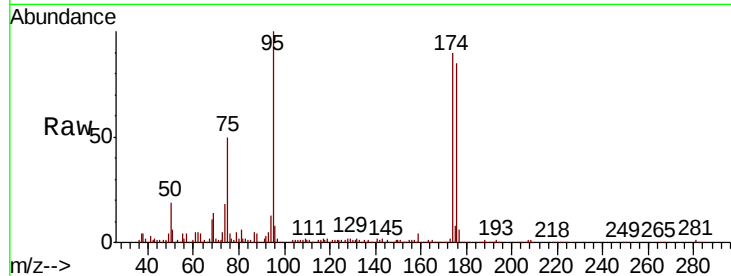




#62
4-Bromofluorobenzene
Concen: 43.799 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003172.D
Acq: 10 Jul 2020 18:42

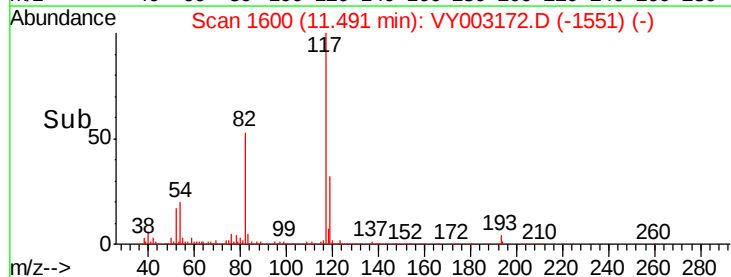
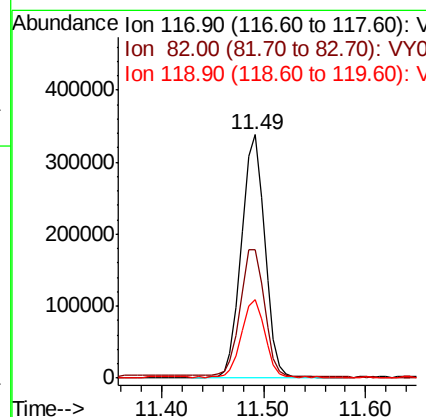
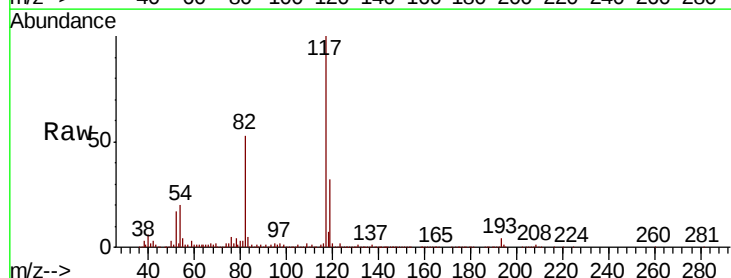
Instrument :
MSVOA_Y
ClientSampleId :
8FT-MH-A

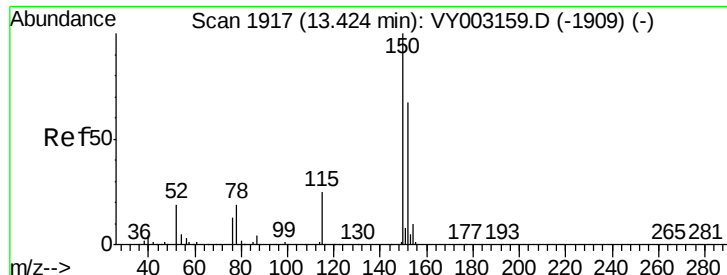
Tot Ion	95	Resp	216173
Ion Ratio	Lower	Upper	
95	100		
174	99.8	0.0	190.6
176	91.7	0.0	186.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003172.D
Acq: 10 Jul 2020 18:42

Tgt Ion	117	Resp	531466
Ion Ratio	Lower	Upper	
117	100		
82	52.5	42.0	63.0
119	32.1	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: VY003172.D

Acq: 10 Jul 2020 18:42

Instrument :

MSVOA_Y

ClientSampleId :

8FT-MH-A

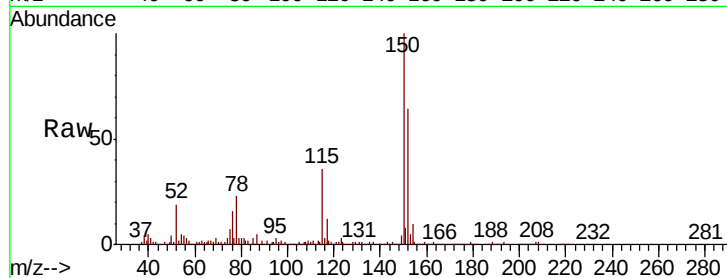
Tot Ion:152 Resp: 206532

Ion Ratio Lower Upper

152 100

115 55.6 26.9 80.7

150 156.8 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

