

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022120\
 Data File : VY001755.D
 Acq On : 21 Feb 2020 19:54
 Operator : SY/MD
 Sample : L1650-05
 Misc : 6.98G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-5

Quant Time: Feb 22 05:34:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

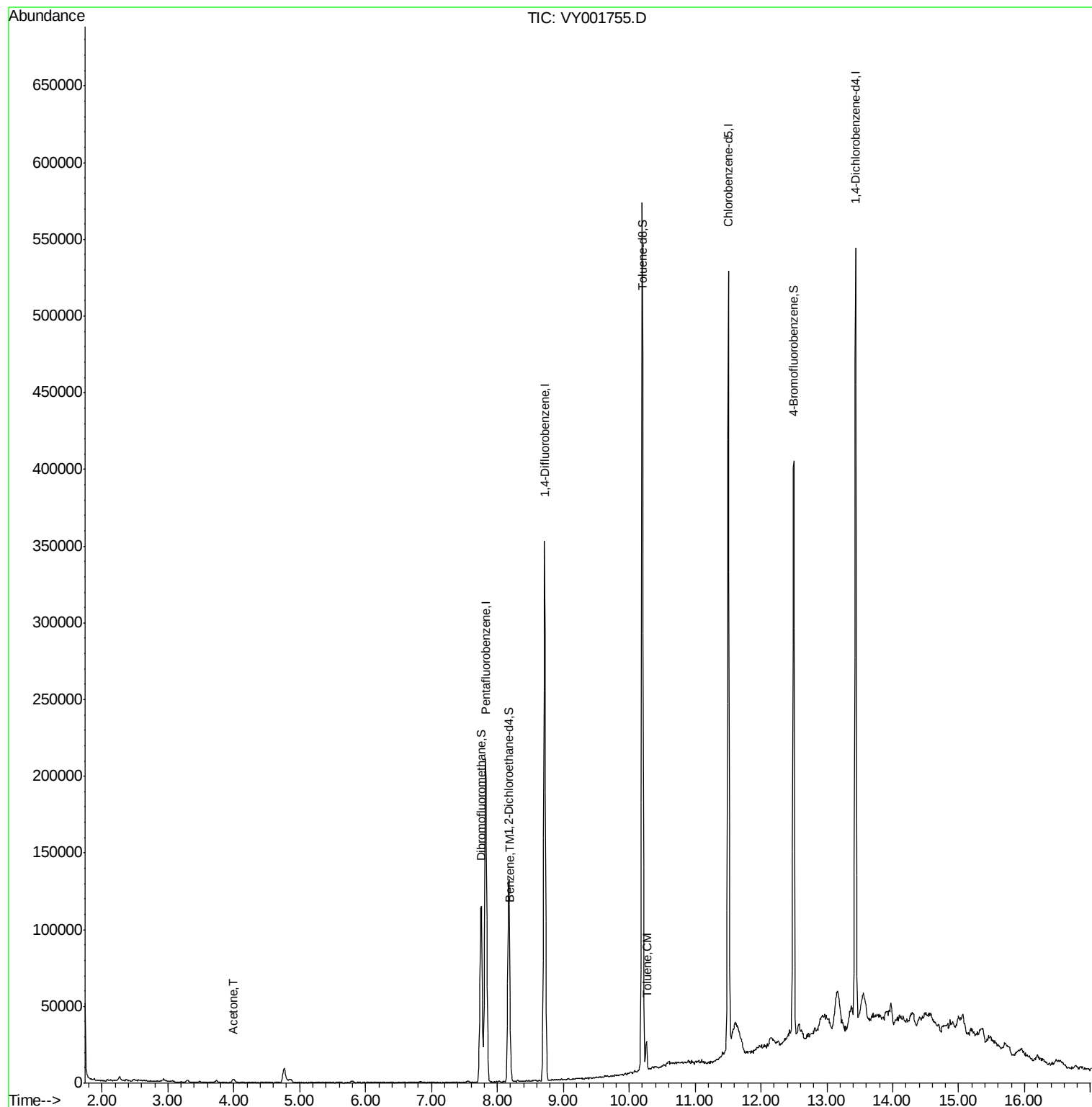
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	155924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	295139	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	269158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	120714	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	95553	56.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.94%	
35) Dibromofluoromethane	7.75	113	83496	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
50) Toluene-d8	10.20	98	361014	54.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.02%	
62) 4-Bromofluorobenzene	12.49	95	124004	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.40%	
Target Compounds						
16) Acetone	3.99	43	4568	7.871	ug/l #	87
40) Benzene	8.19	78	8411	1.014	ug/l #	89
52) Toluene	10.27	92	7982	1.543	ug/l	97

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001755.D

Acq: 21 Feb 2020 19:54

Instrument :

MSVOA_Y

ClientSampled :

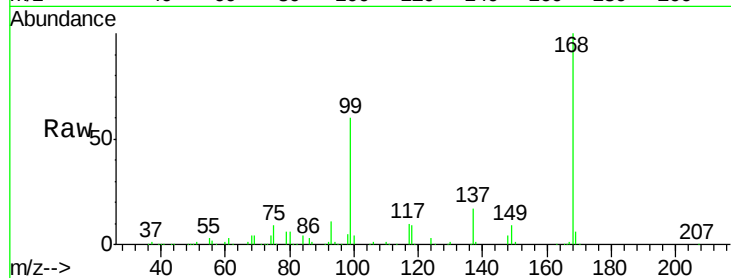
EP-5

Tot Ion:168 Resp: 155924

Ion Ratio Lower Upper

168 100

99 60.0 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001755.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001755.D (-948) (-)

7.82

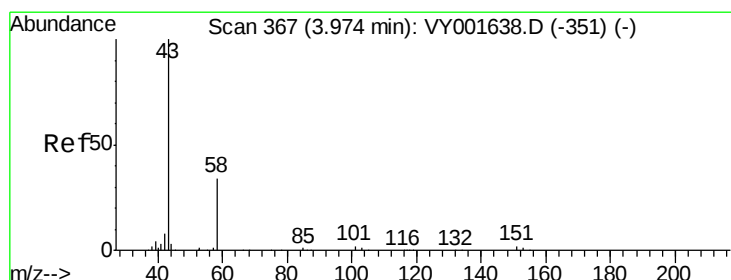
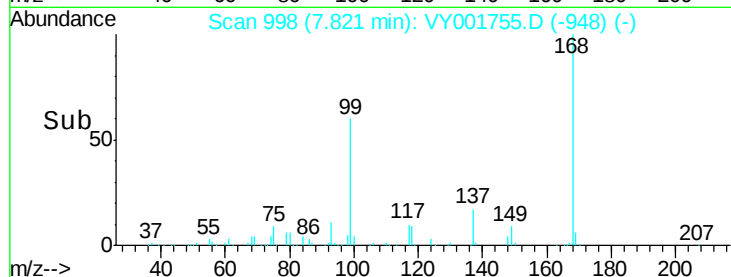
60000

40000

20000

0

Time--> 7.70 7.80 7.90



#16

Acetone

Concen: 7.871 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.01 min

Lab File: VY001755.D

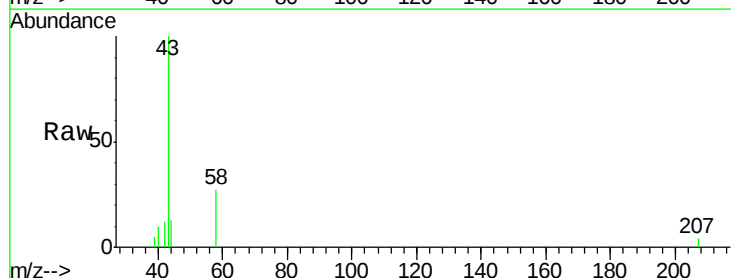
Acq: 21 Feb 2020 19:54

Tgt Ion: 43 Resp: 4568

Ion Ratio Lower Upper

43 100

58 26.7 27.3 40.9#



Abundance Ion 43.00 (42.70 to 43.70): VY001755.D (-318) (-)

Ion 58.00 (57.70 to 58.70): VY001755.D (-318) (-)

3.99

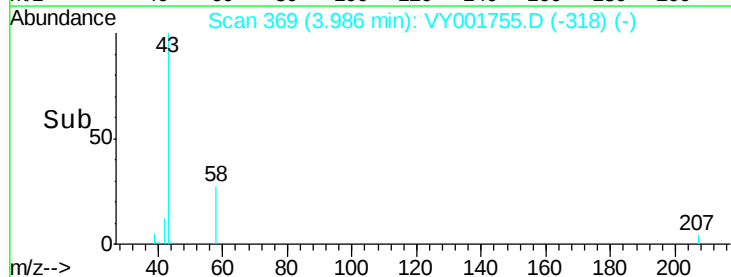
1500

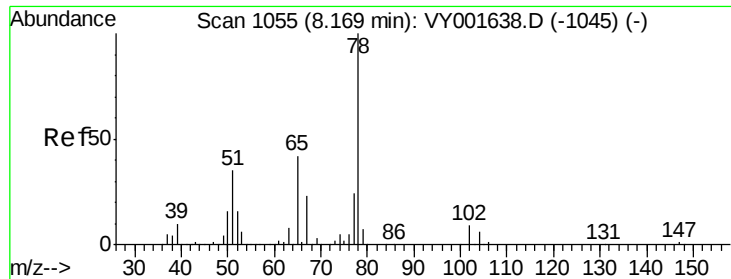
1000

500

0

Time--> 3.90 4.00 4.10

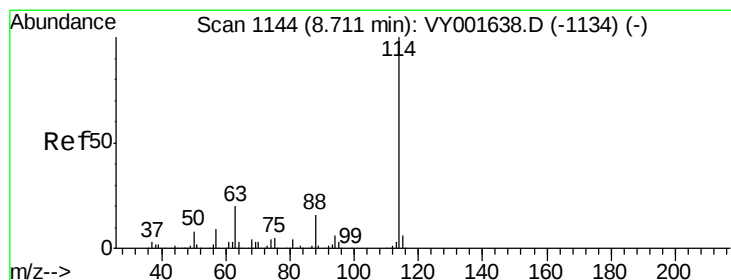
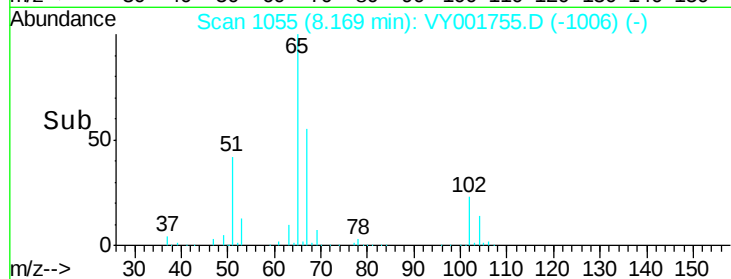
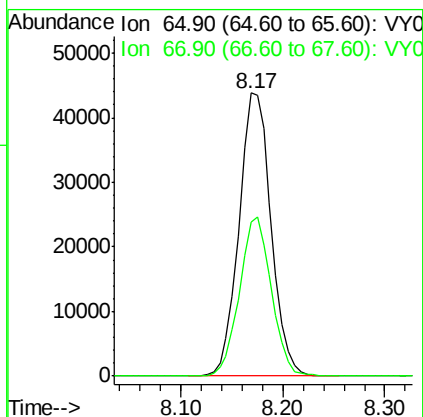
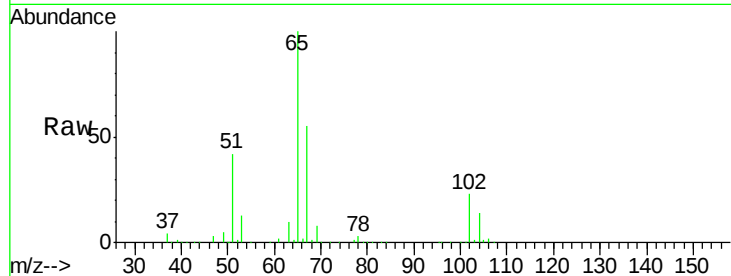




#33
 1,2-Dichloroethane-d4
 Concen: 56.972 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: VY001755.D
 Acq: 21 Feb 2020 19:54

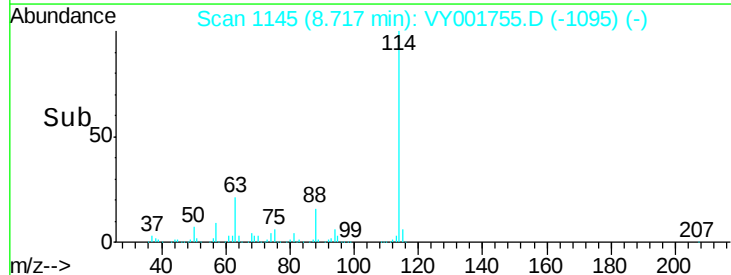
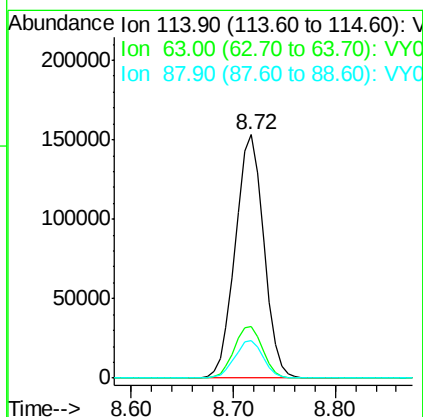
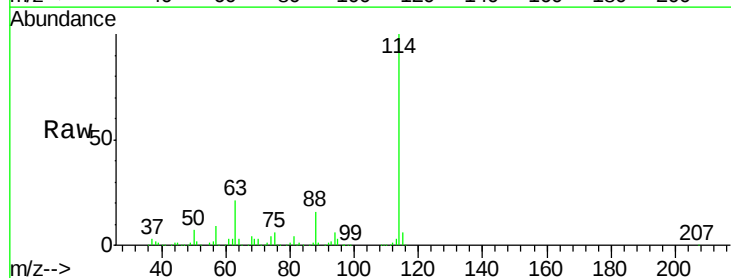
Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-5

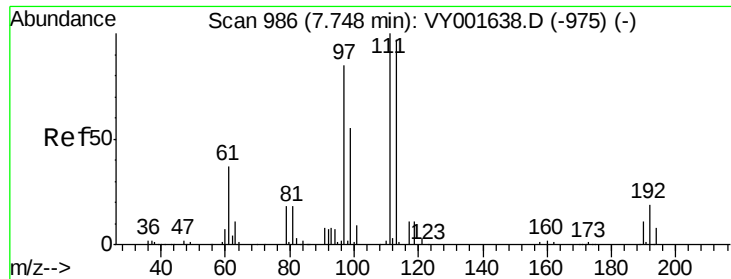
Tot Ion: 65 Resp: 95553
 Ion Ratio Lower Upper
 65 100
 67 55.9 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001755.D
 Acq: 21 Feb 2020 19:54

Tgt Ion: 114 Resp: 295139
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 41.4
 88 15.7 0.0 32.8

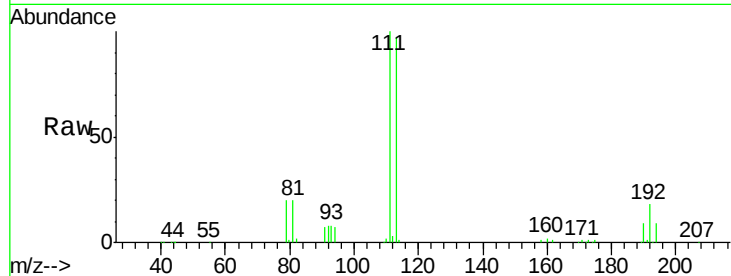




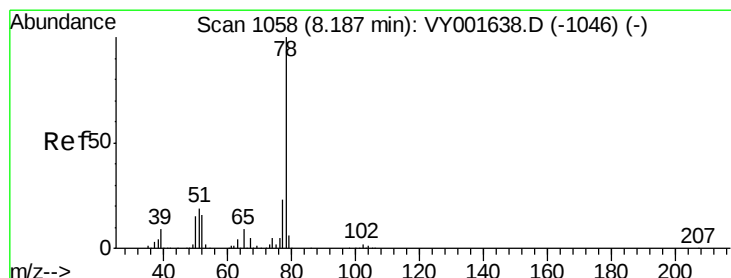
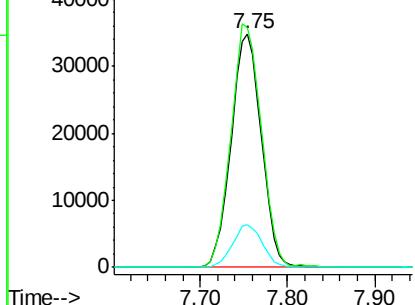
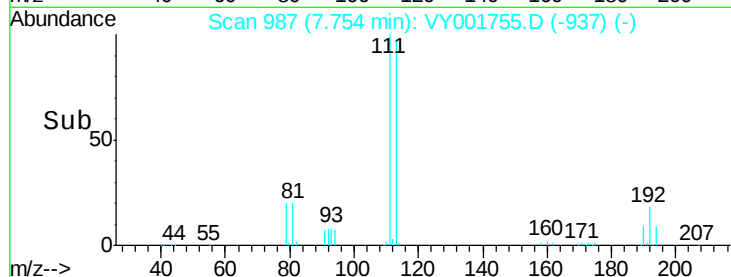
#35
 Dibromofluoromethane
 Concen: 49.393 ug/l
 RT: 7.75 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: VY001755.D
 Acq: 21 Feb 2020 19:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-5

Tot Ion:113 Resp: 83496
 Ion Ratio Lower Upper
 113 100
 111 105.1 81.9 122.9
 192 18.1 14.3 21.5

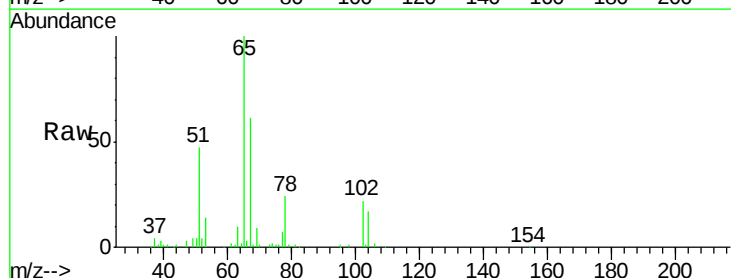


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

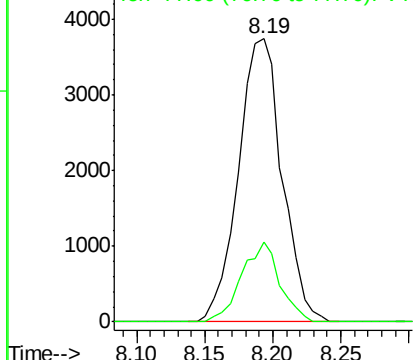
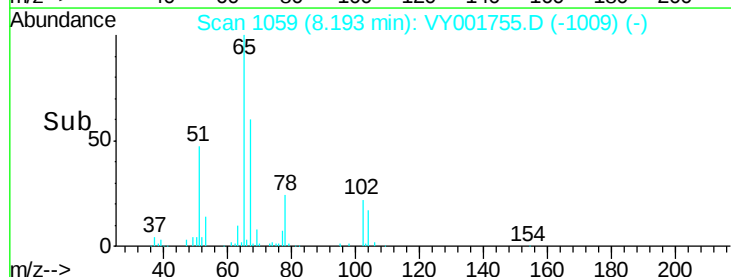


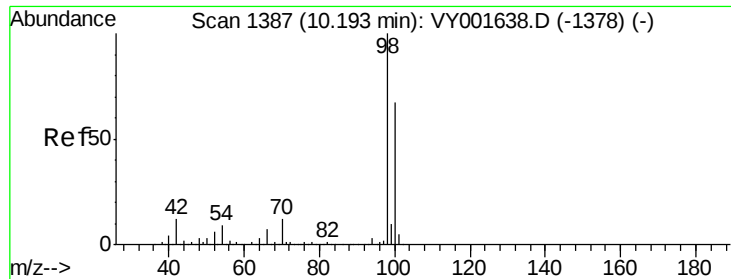
#40
 Benzene
 Concen: 1.014 ug/l
 RT: 8.19 min Scan# 1059
 Delta R.T. 0.01 min
 Lab File: VY001755.D
 Acq: 21 Feb 2020 19:54

Tgt Ion: 78 Resp: 8411
 Ion Ratio Lower Upper
 78 100
 77 28.1 18.2 27.4#



Abundance Ion 78.00 (77.70 to 78.70): VY0
 Ion 77.00 (76.70 to 77.70): VY0





#50

Toluene-d8

Concen: 54.513 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001755.D

Acq: 21 Feb 2020 19:54

Instrument :

MSVOA_Y

ClientSampleId :

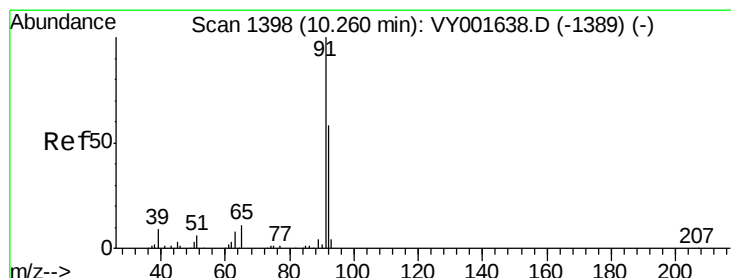
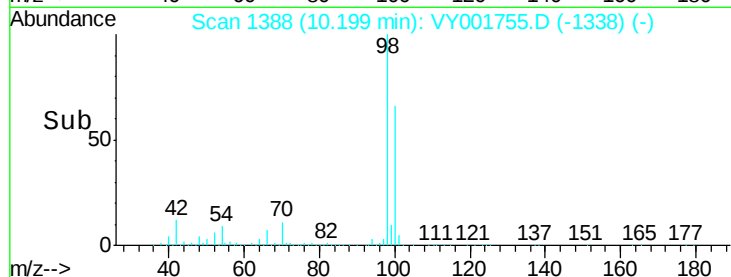
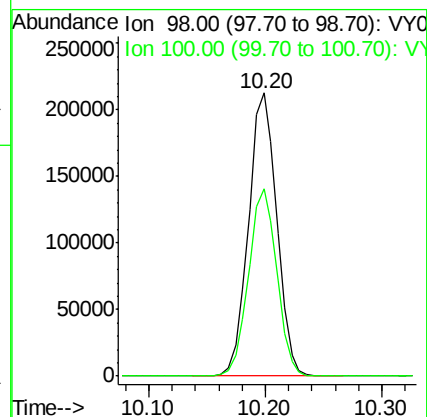
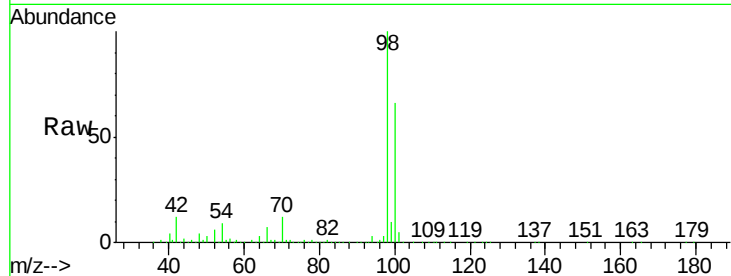
EP-5

Tot Ion: 98 Resp: 361014

Ion Ratio Lower Upper

98 100

100 66.0 53.0 79.4



#52

Toluene

Concen: 1.543 ug/l

RT: 10.27 min Scan# 1399

Delta R.T. 0.01 min

Lab File: VY001755.D

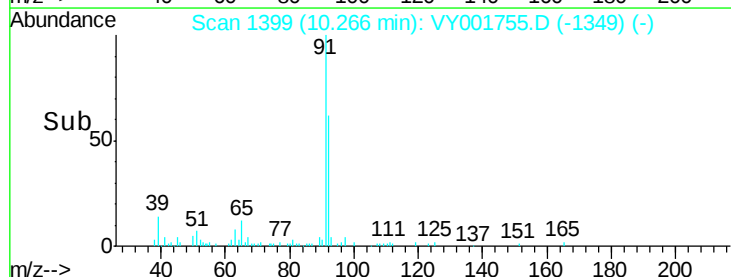
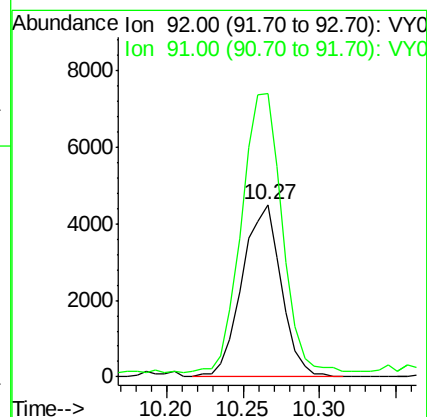
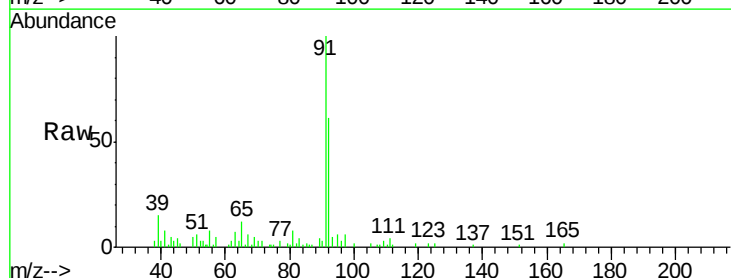
Acq: 21 Feb 2020 19:54

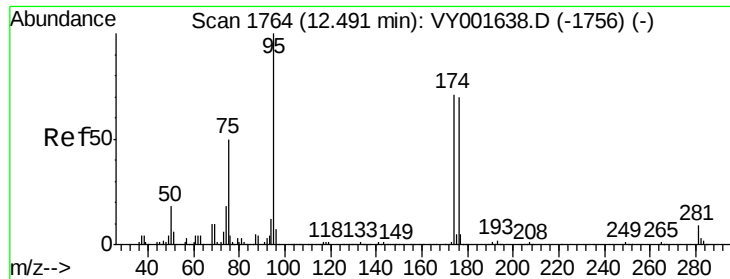
Tgt Ion: 92 Resp: 7982

Ion Ratio Lower Upper

92 100

91 167.7 137.0 205.6

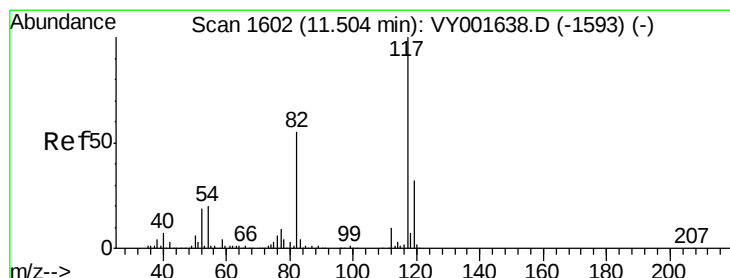
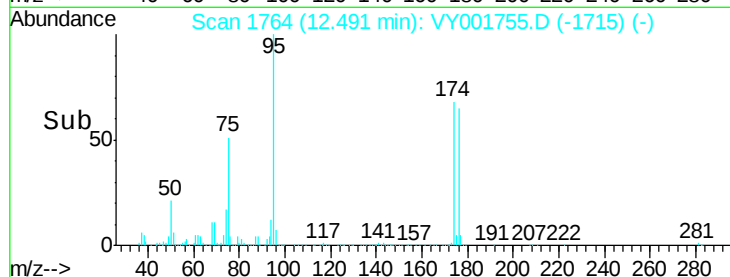
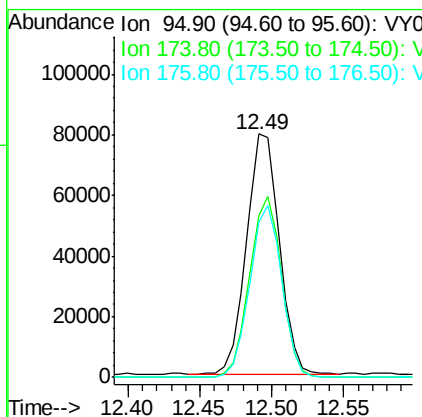
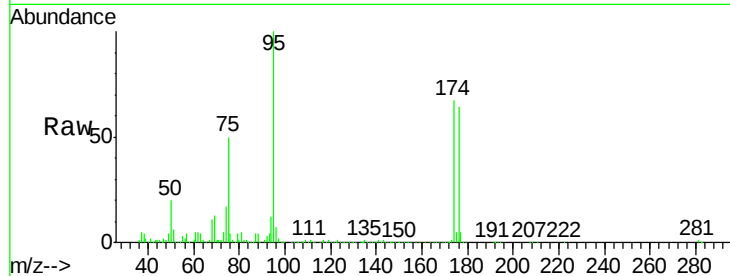




#62
4-Bromofluorobenzene
Concen: 48.198 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VY001755.D
Acq: 21 Feb 2020 19:54

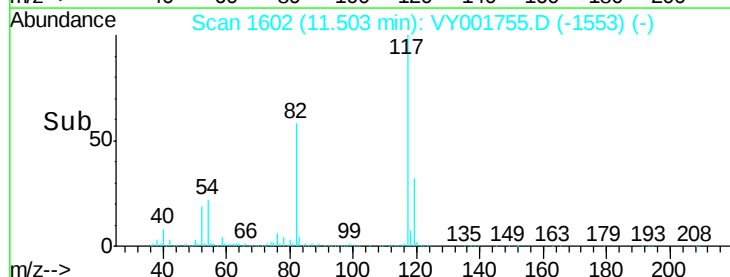
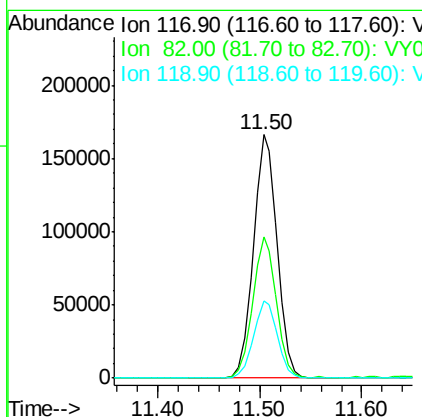
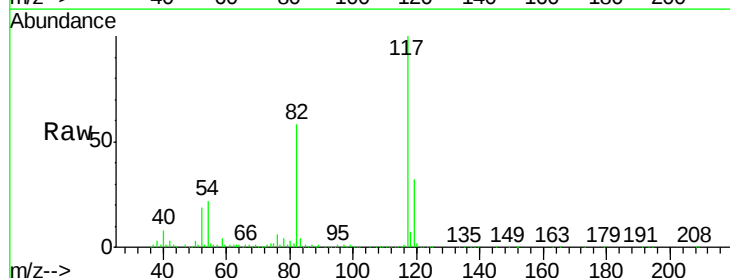
Instrument :
MSVOA_Y
ClientSampled :
EP-5

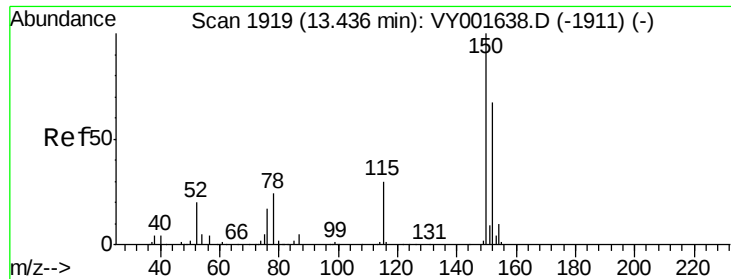
Tot Ion	95	Resp	124004
Ion Ratio	Lower	Upper	
95	100		
174	73.4	0.0	138.4
176	69.6	0.0	131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY001755.D
Acq: 21 Feb 2020 19:54

Tgt Ion	117	Resp	269158
Ion Ratio	Lower	Upper	
117	100		
82	57.6	45.5	68.3
119	31.8	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VY001755.D

Acq: 21 Feb 2020 19:54

Instrument :

MSVOA_Y

ClientSampleId :

EP-5

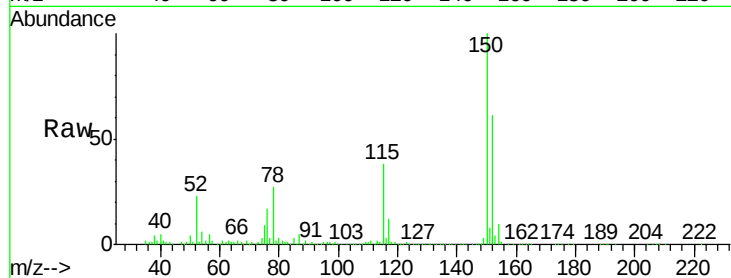
Tot Ion:152 Resp: 120714

Ion Ratio Lower Upper

152 100

115 61.0 31.4 94.2

150 158.3 0.0 407.2



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

