

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy022020\
 Data File : VY001729.D
 Acq On : 20 Feb 2020 17:33
 Operator : SY/MD
 Sample : L1624-02
 Misc : 4.99G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WASTE-2

Quant Time: Feb 21 08:44:01 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

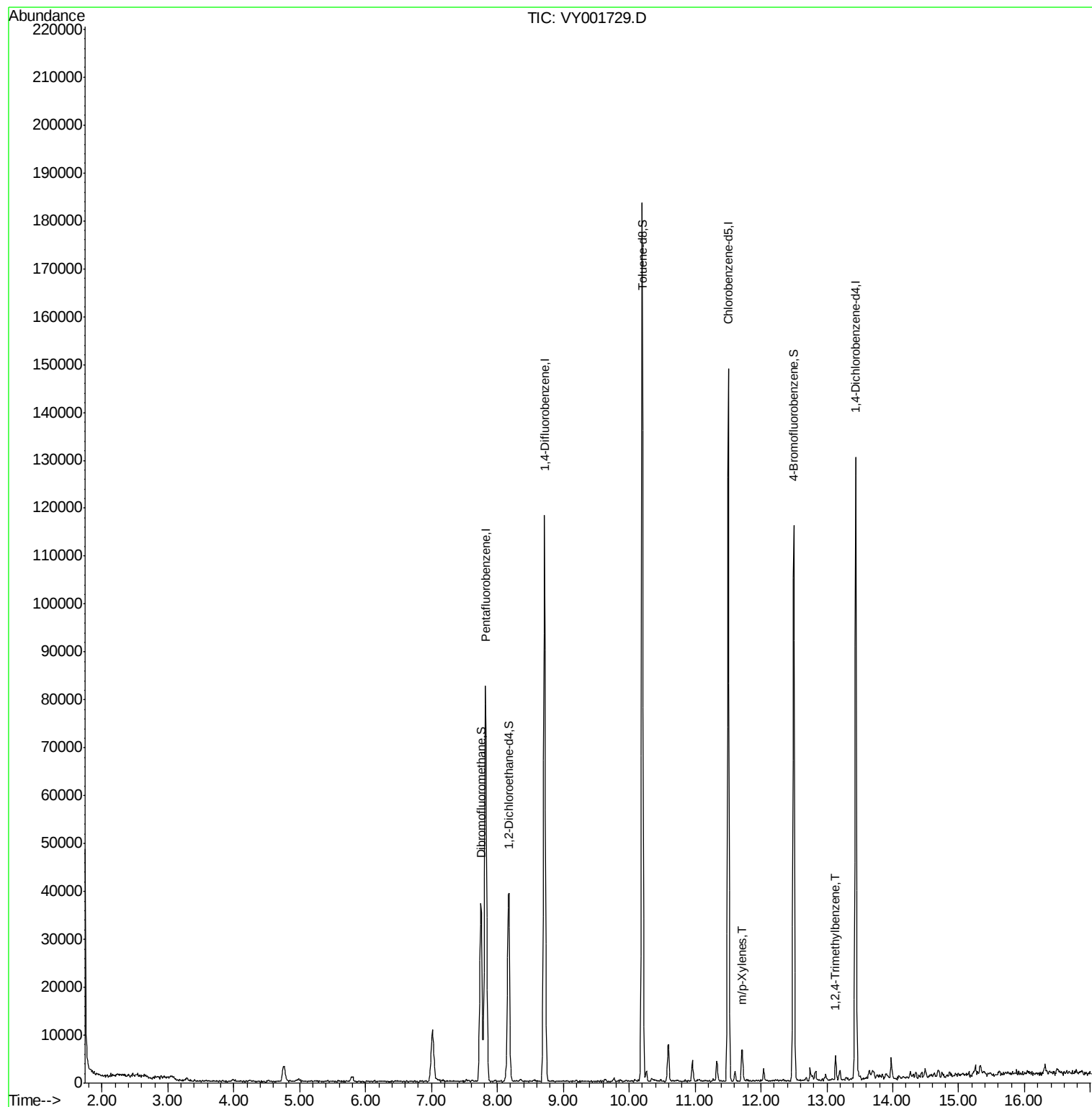
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	61135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	102196	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	78932	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	31881	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	30089	45.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.52%	
35) Dibromofluoromethane	7.75	113	27520	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.04%	
50) Toluene-d8	10.20	98	117054	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.08%	
62) 4-Bromofluorobenzene	12.50	95	34612	38.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.70%	
Target Compounds						
68) m/p-Xylenes	11.72	106	2104	1.93	ug/l	97
84) 1,2,4-Trimethylbenzene	13.13	105	2936	1.46	ug/l	100

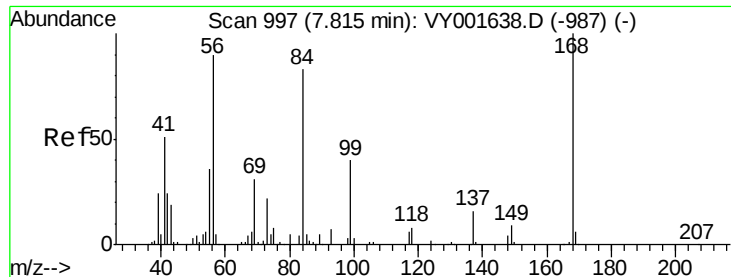
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001729.D

Acq: 20 Feb 2020 17:33

Instrument :

MSVOA_Y

ClientSampleId :

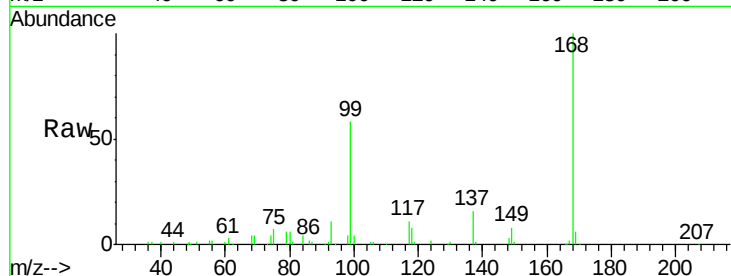
WASTE-2

Tgt Ion:168 Resp: 61135

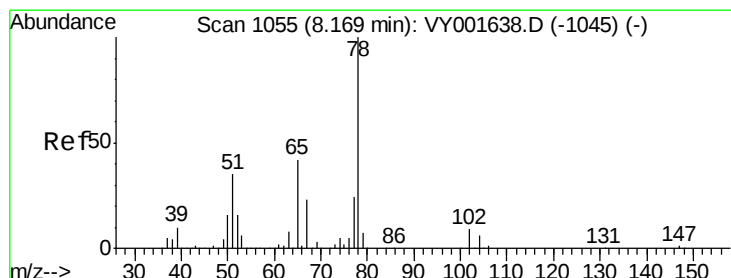
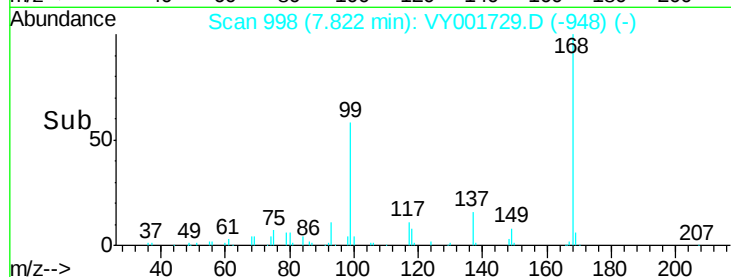
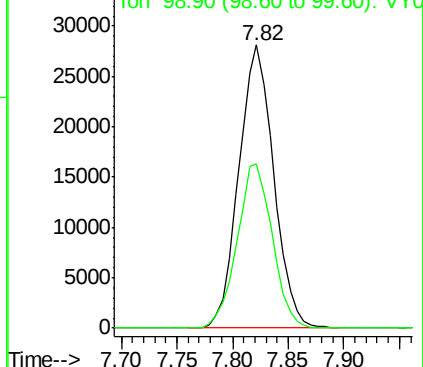
Ion Ratio Lower Upper

168 100

99 58.0 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001638.D (-987) (-)



#33

1,2-Dichloroethane-d4

Concen: 45.76 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY001729.D

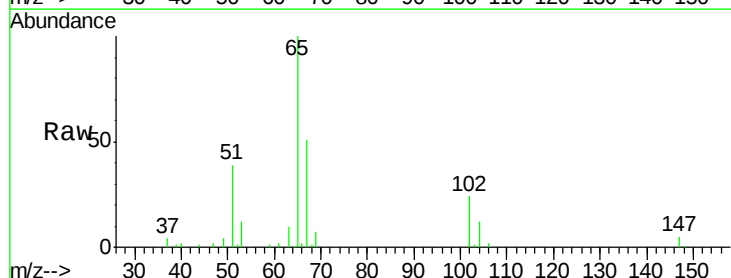
Acq: 20 Feb 2020 17:33

Tgt Ion: 65 Resp: 30089

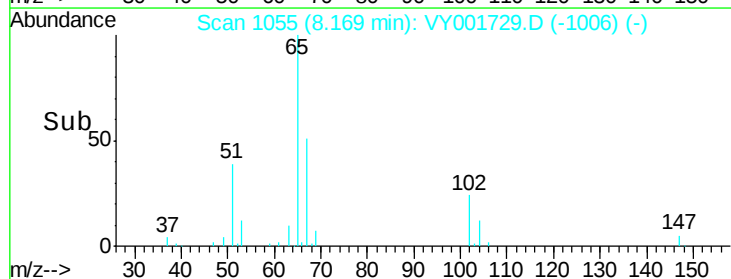
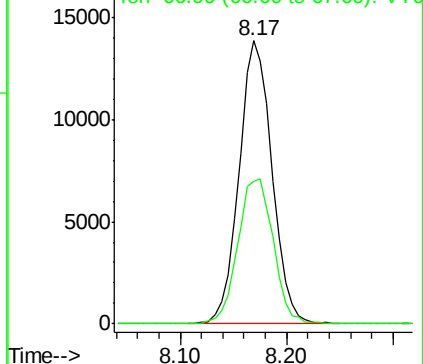
Ion Ratio Lower Upper

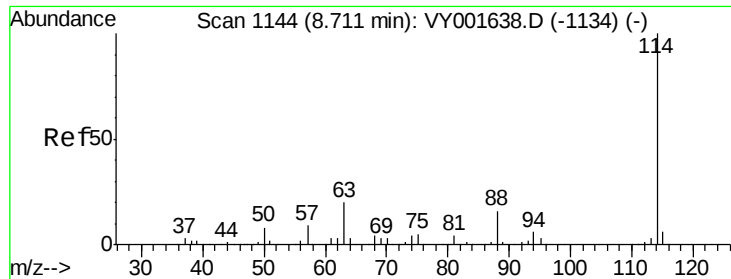
65 100

67 55.1 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001638.D (-1045) (-)

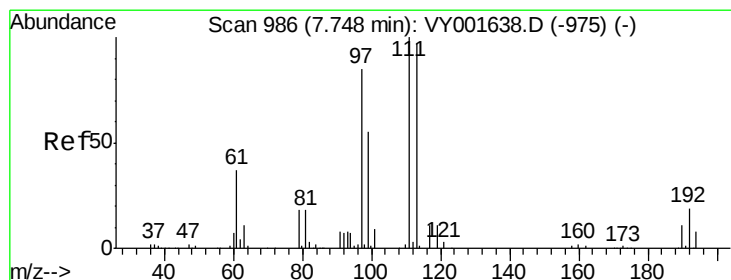
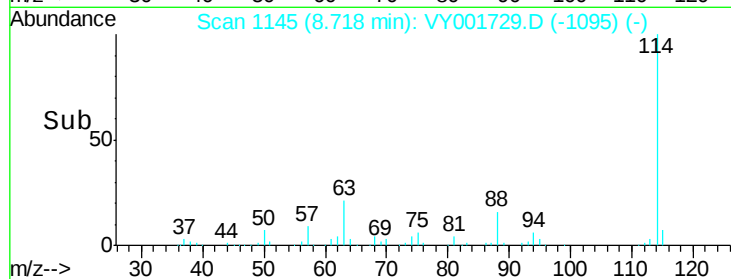
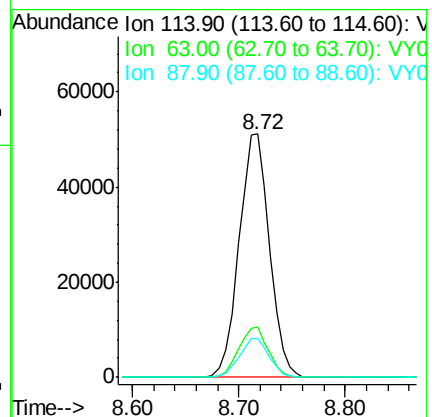
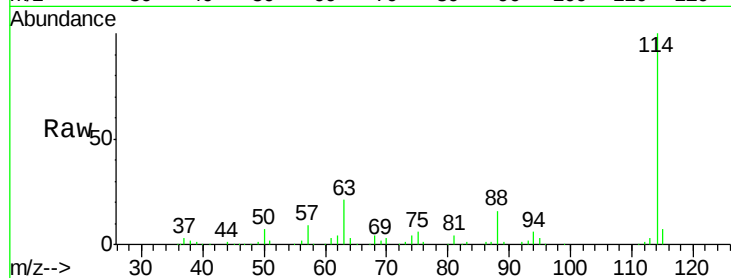




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001729.D
 Acq: 20 Feb 2020 17:33

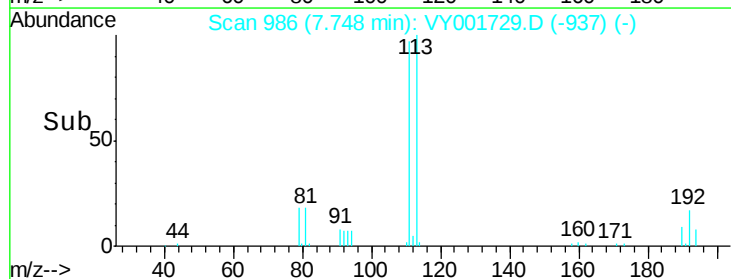
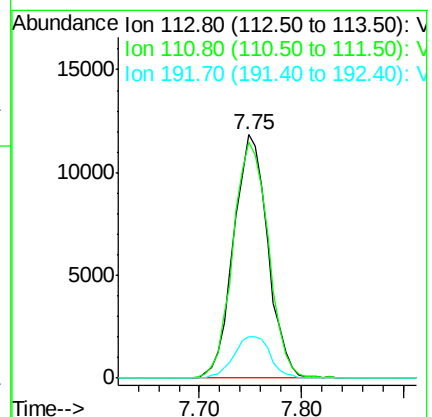
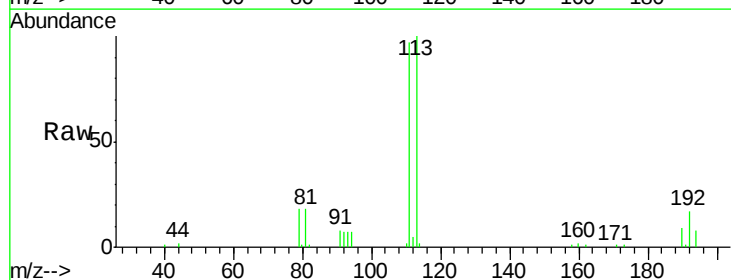
Instrument :
 MSVOA_Y
 ClientSampleId :
 WASTE-2

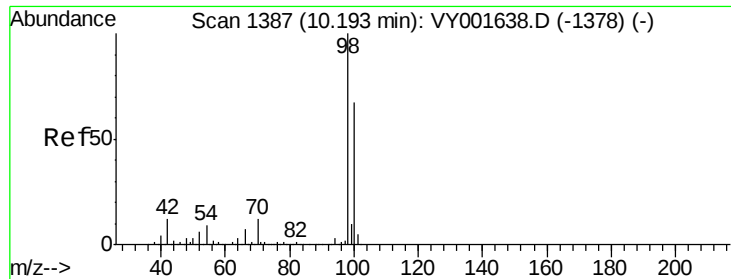
Tgt Ion:114 Resp: 102196
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 41.4
 88 16.1 0.0 32.8



#35
 Dibromofluoromethane
 Concen: 47.02 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: VY001729.D
 Acq: 20 Feb 2020 17:33

Tgt Ion:113 Resp: 27520
 Ion Ratio Lower Upper
 113 100
 111 100.4 81.9 122.9
 192 17.9 14.3 21.5





#50

Toluene-d8

Concen: 51.04 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001729.D

Acq: 20 Feb 2020 17:33

Instrument :

MSVOA_Y

ClientSampleId :

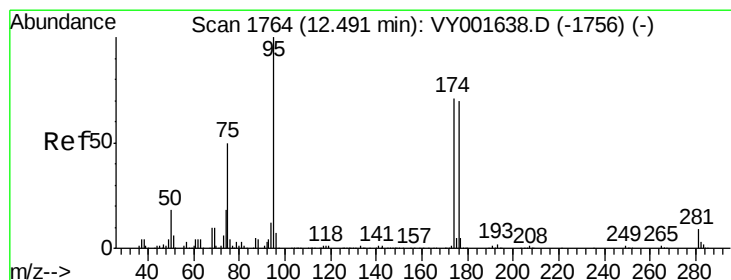
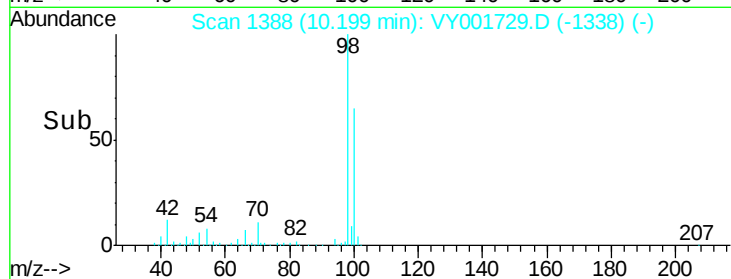
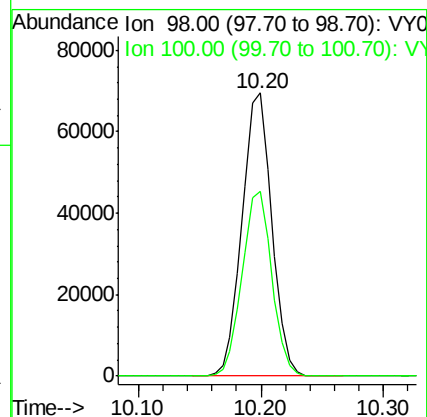
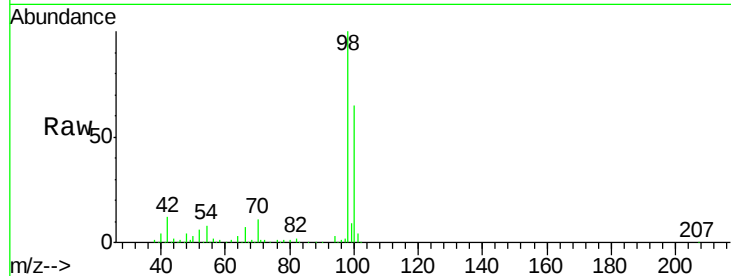
WASTE-2

Tgt Ion: 98 Resp: 117054

Ion Ratio Lower Upper

98 100

100 65.2 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 38.85 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001729.D

Acq: 20 Feb 2020 17:33

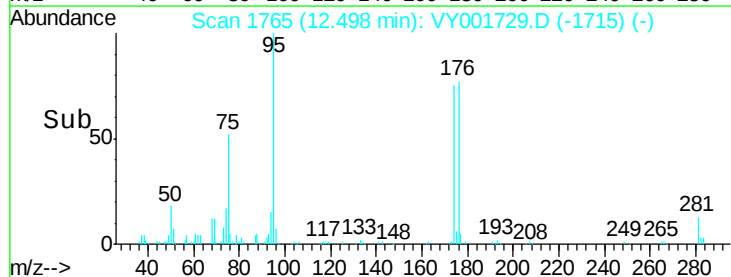
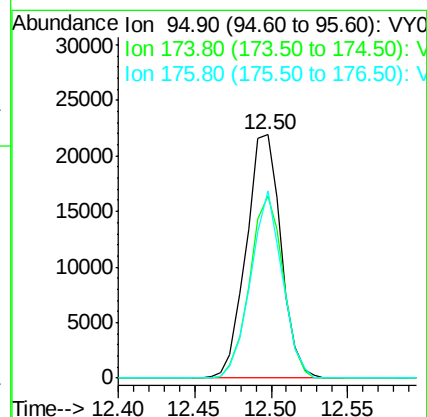
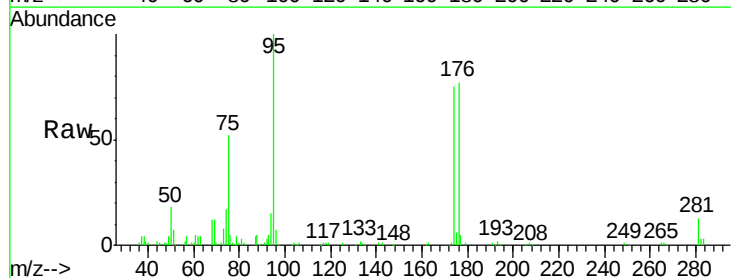
Tgt Ion: 95 Resp: 34612

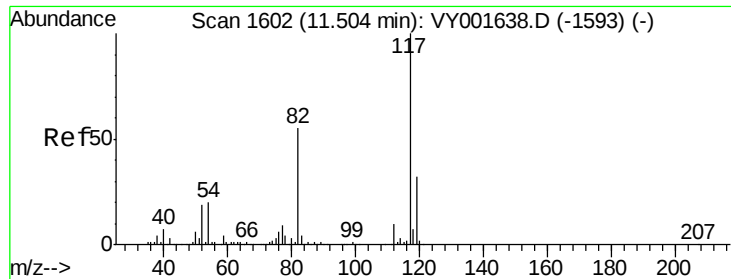
Ion Ratio Lower Upper

95 100

174 72.2 0.0 138.4

176 69.7 0.0 131.8

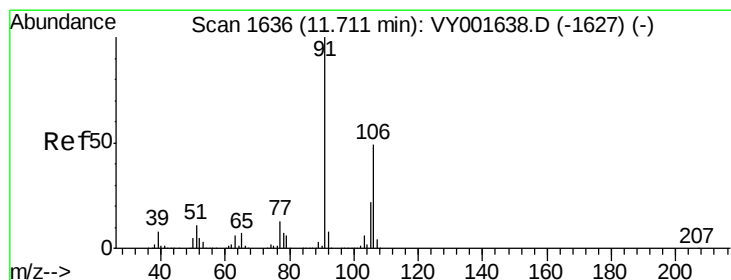
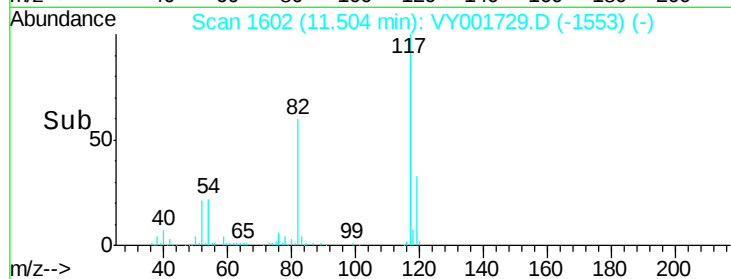
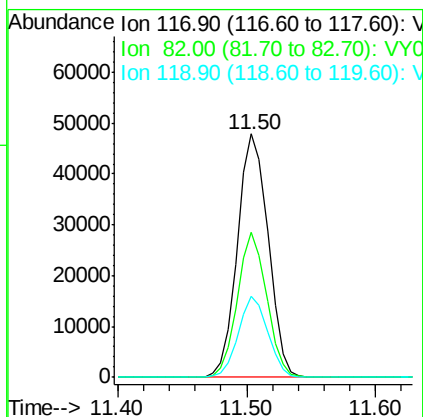
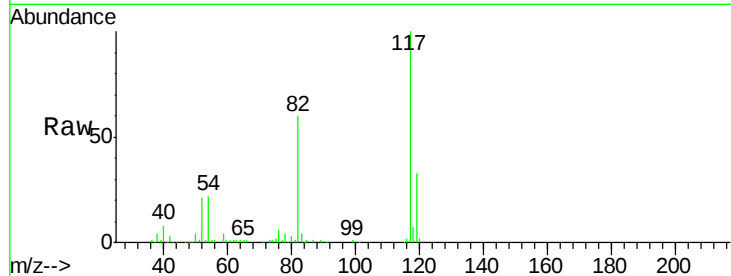




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001729.D
Acq: 20 Feb 2020 17:33

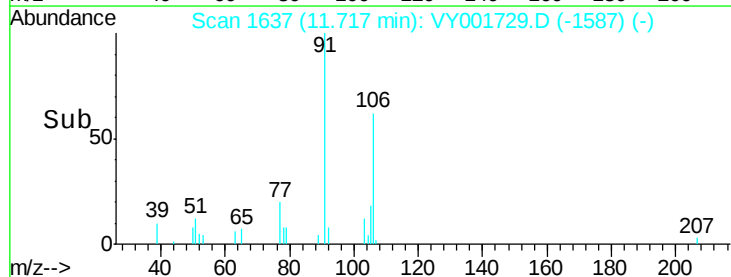
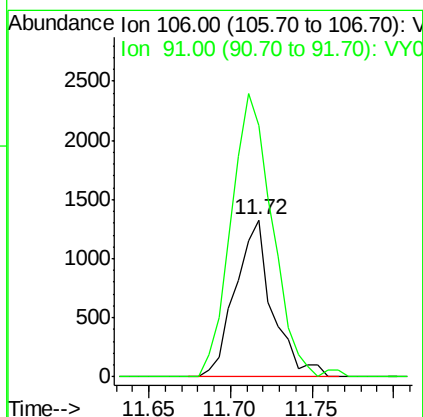
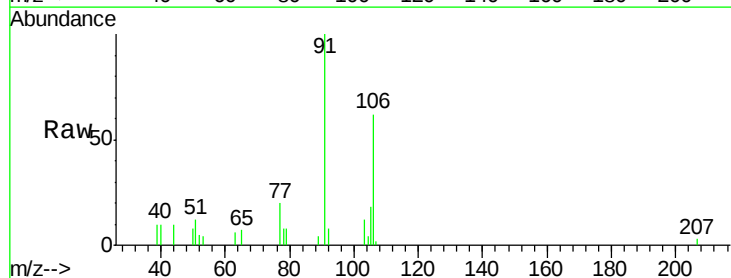
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-2

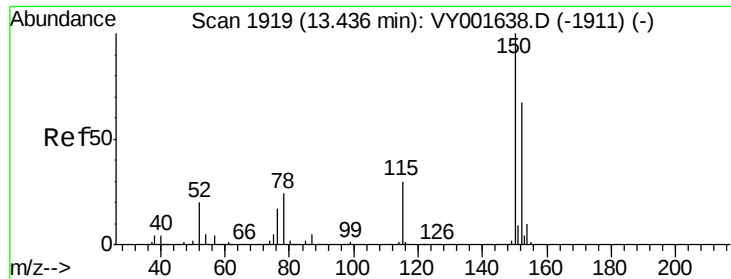
Tgt Ion:117 Resp: 78932
Ion Ratio Lower Upper
117 100
82 59.7 45.5 68.3
119 33.4 25.8 38.6



#68
m/p-Xylenes
Concen: 1.93 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY001729.D
Acq: 20 Feb 2020 17:33

Tgt Ion:106 Resp: 2104
Ion Ratio Lower Upper
106 100
91 199.1 163.3 244.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY001729.D

Acq: 20 Feb 2020 17:33

Instrument :

MSVOA_Y

ClientSampleId :

WASTE-2

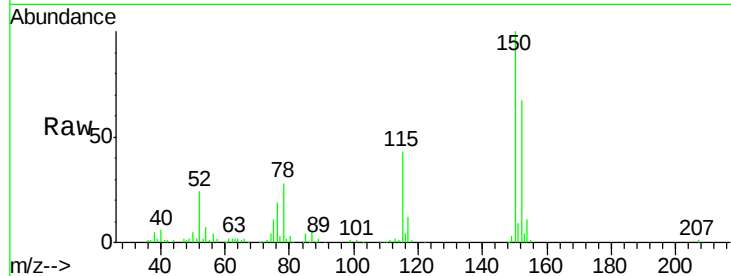
Tgt Ion:152 Resp: 31881

Ion Ratio Lower Upper

152 100

115 61.0 31.4 94.2

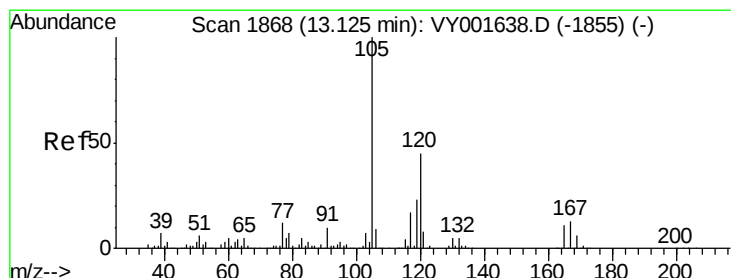
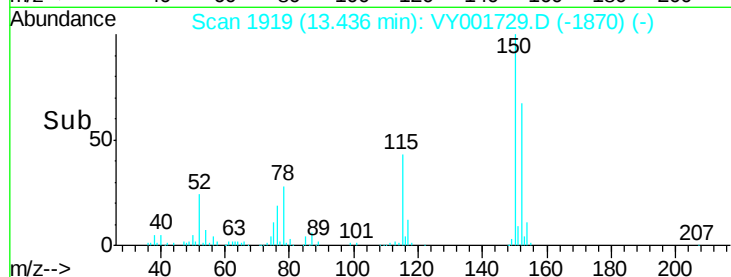
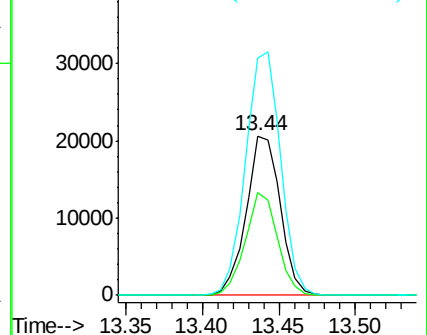
150 157.3 0.0 407.2



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



#84

1,2,4-Trimethylbenzene

Concen: 1.46 ug/l

RT: 13.13 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VY001729.D

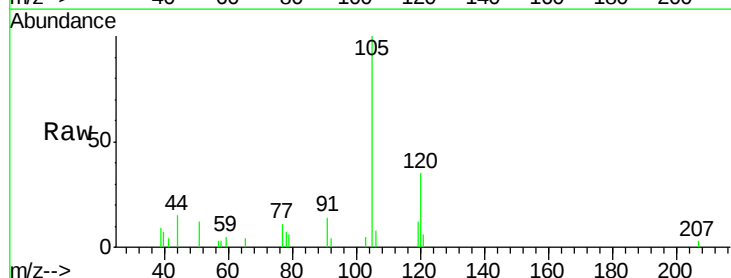
Acq: 20 Feb 2020 17:33

Tgt Ion:105 Resp: 2936

Ion Ratio Lower Upper

105 100

120 44.8 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

