

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
 Data File : VY002080.D
 Acq On : 25 Mar 2020 20:13
 Operator : SY/MD
 Sample : L2042-04
 Misc : 5.01G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-5.5-6.0

Quant Time: Mar 26 08:57:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

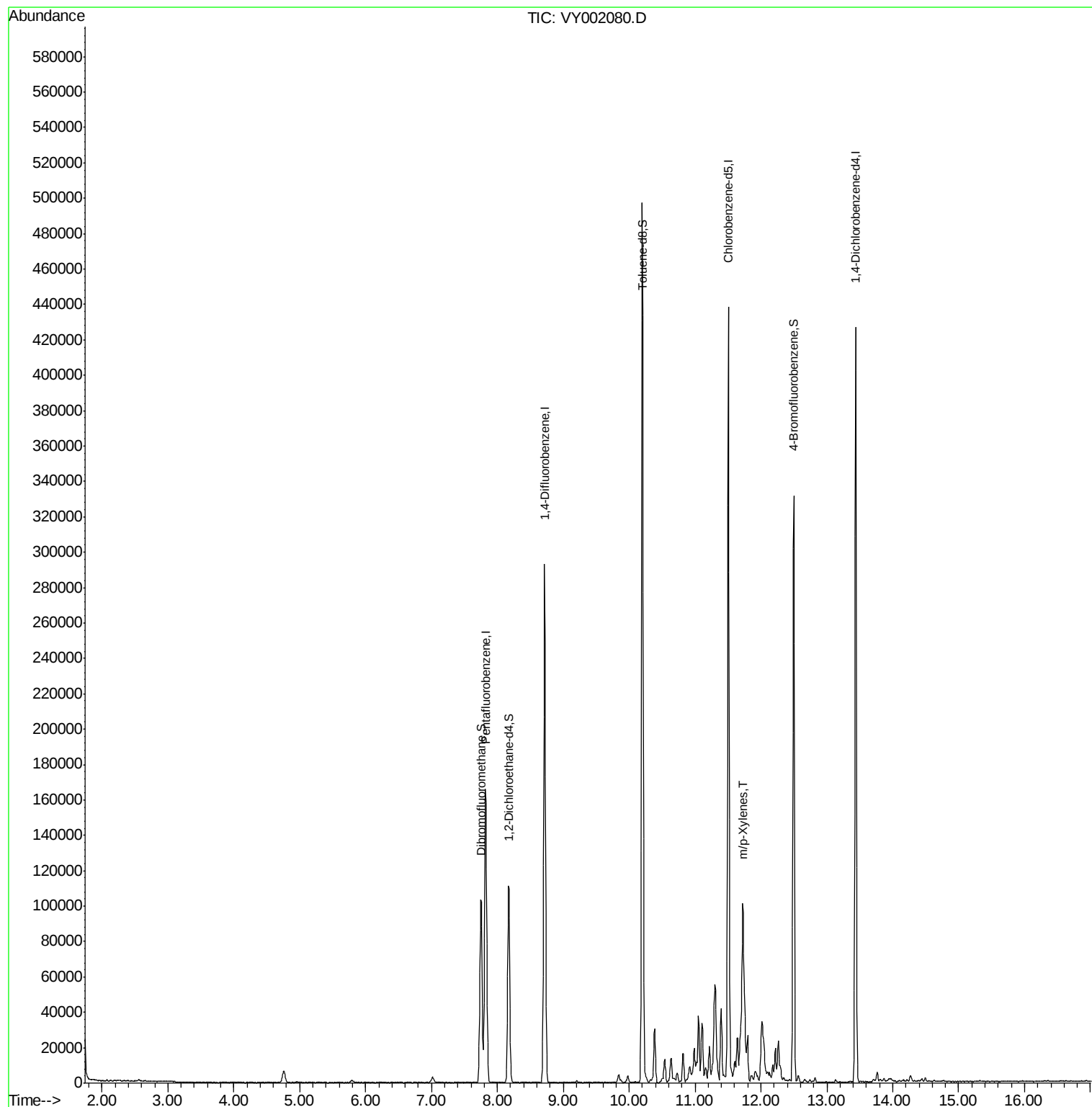
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	124308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	247362	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	230602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	101209	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	82836	62.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.84%	
35) Dibromofluoromethane	7.75	113	73320	54.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.56%	
50) Toluene-d8	10.20	98	304105	53.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.78%	
62) 4-Bromofluorobenzene	12.50	95	106056	53.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.10%	
Target Compounds						
68) m/p-Xylenes	11.72	106	7286	2.300	ug/l	Qvalue 97

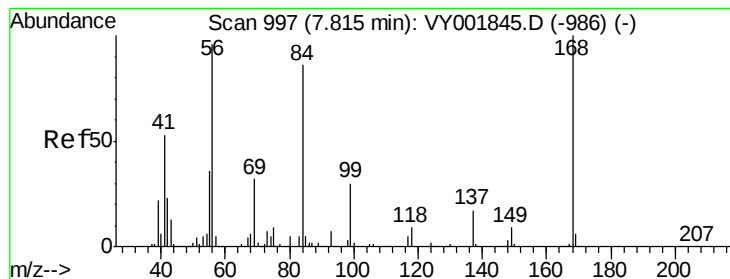
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002080.D

Acq: 25 Mar 2020 20:13

Instrument :

MSVOA_Y

ClientSampleId :

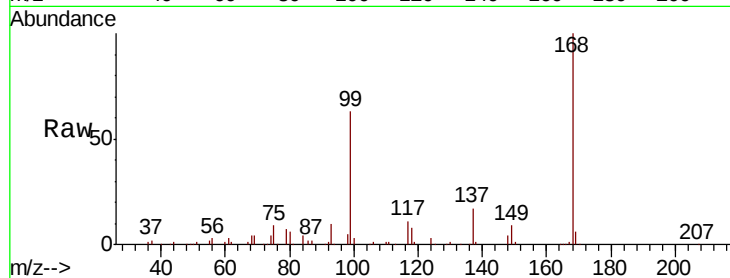
SB-04-5.5-6.0

Tot Ion:168 Resp: 124308

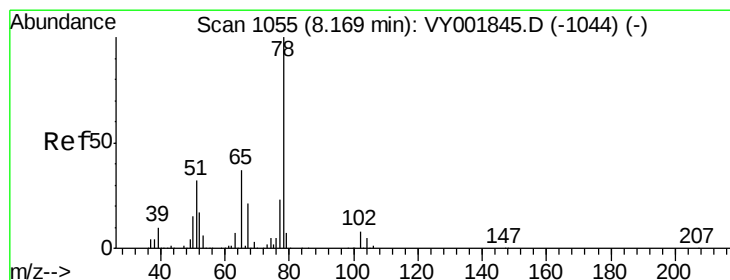
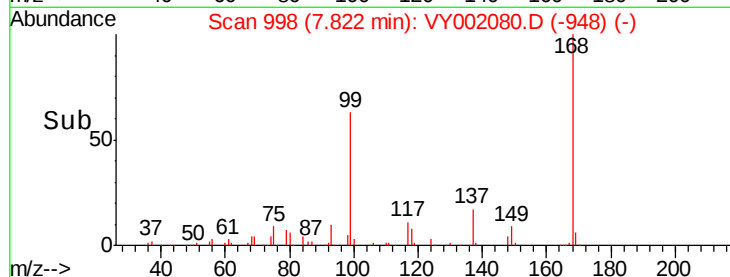
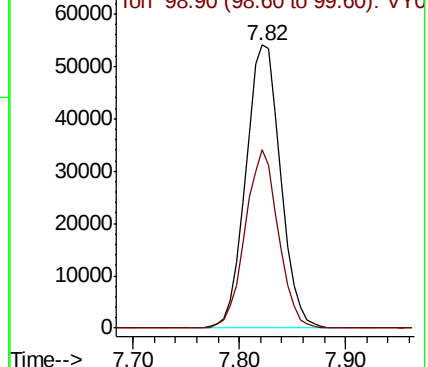
Ion Ratio Lower Upper

168 100

99 62.8 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)



#33

1,2-Dichloroethane-d4

Concen: 62.420 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY002080.D

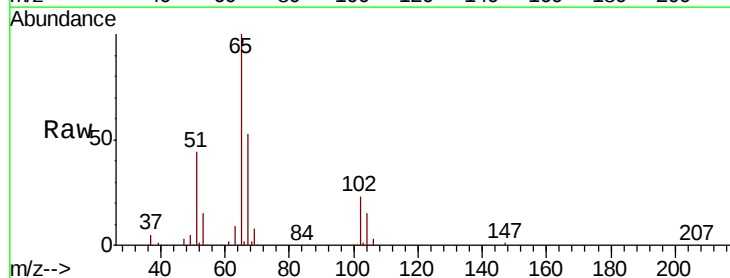
Acq: 25 Mar 2020 20:13

Tgt Ion: 65 Resp: 82836

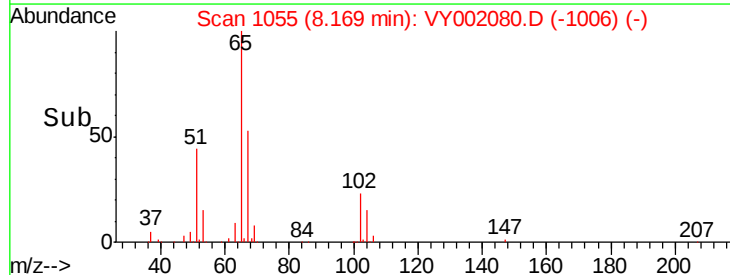
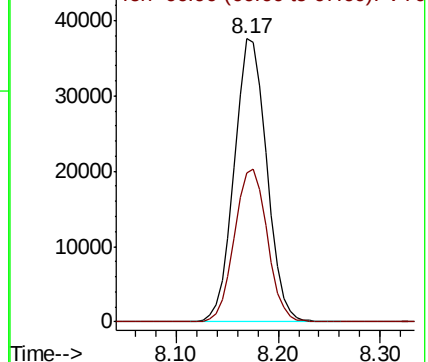
Ion Ratio Lower Upper

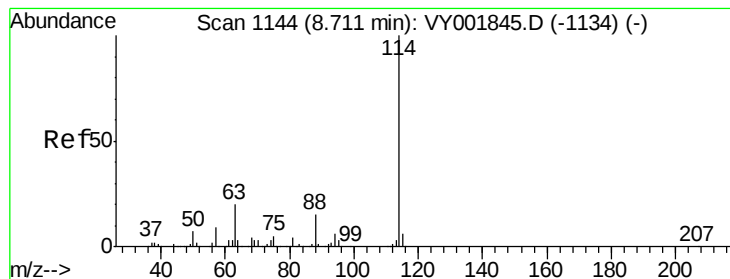
65 100

67 54.6 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001845.D (-1044) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY002080.D

Acq: 25 Mar 2020 20:13

Instrument :

MSVOA_Y

ClientSampleId :

SB-04-5.5-6.0

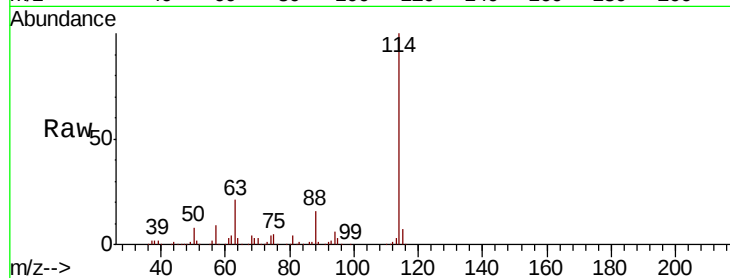
Tot Ion:114 Resp: 247362

Ion Ratio Lower Upper

114 100

63 21.0 0.0 39.4

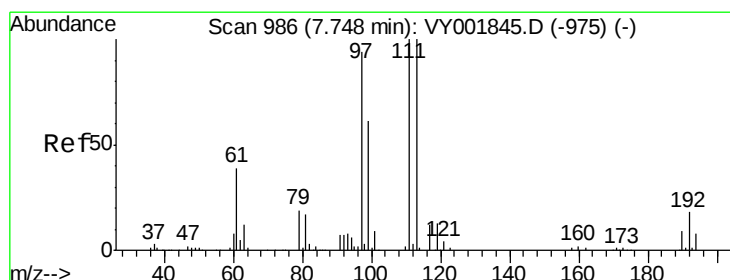
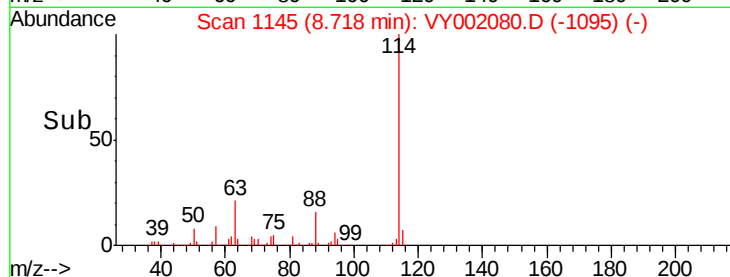
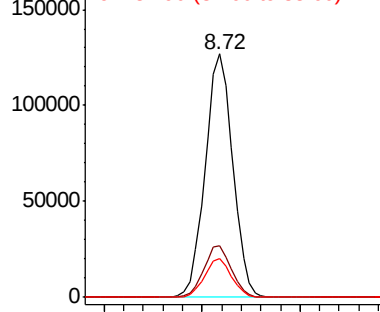
88 15.8 0.0 30.4



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: 54.283 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.01 min

Lab File: VY002080.D

Acq: 25 Mar 2020 20:13

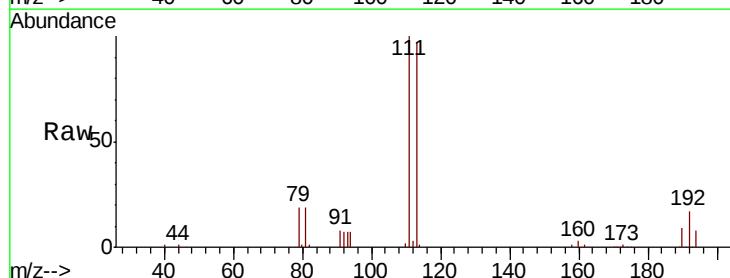
Tgt Ion:113 Resp: 73320

Ion Ratio Lower Upper

113 100

111 104.9 81.8 122.8

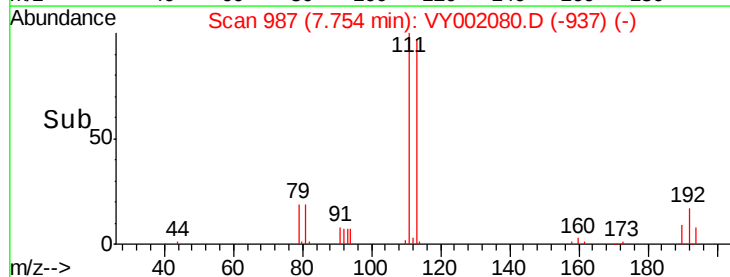
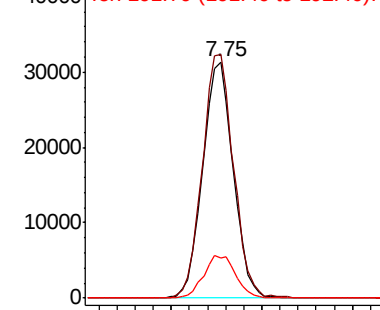
192 18.7 14.2 21.2

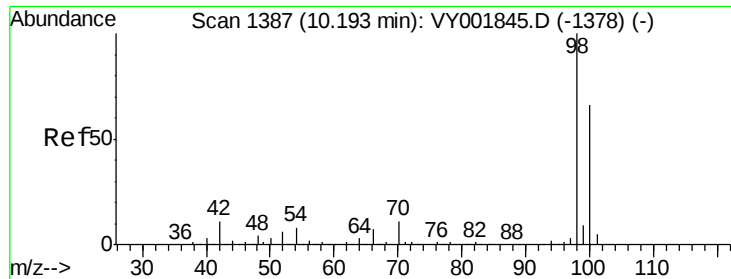


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.392 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY002080.D

Acq: 25 Mar 2020 20:13

Instrument :

MSVOA_Y

ClientSampleId :

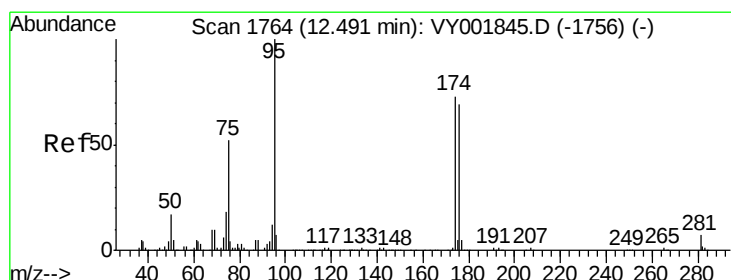
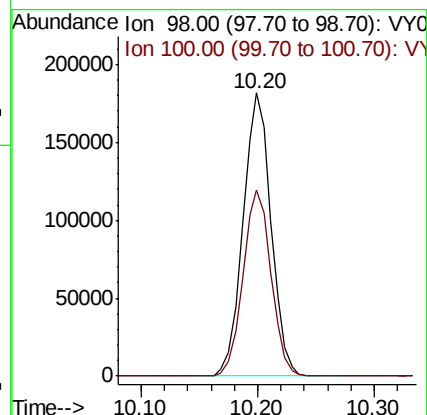
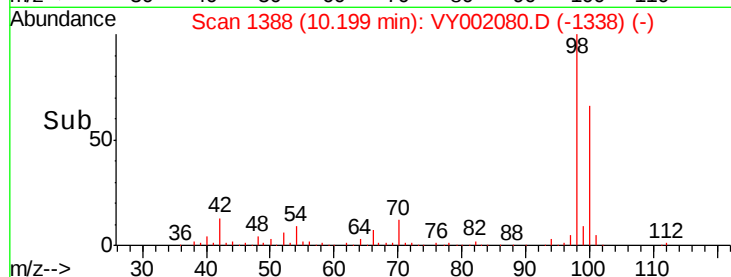
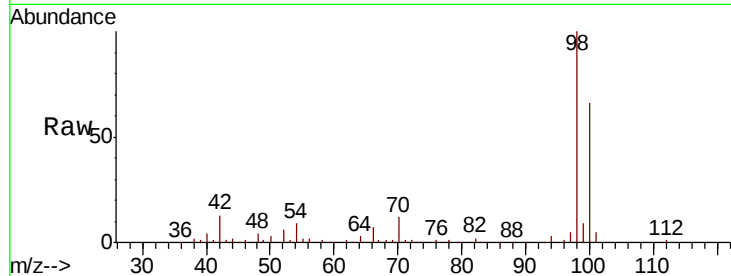
SB-04-5.5-6.0

Tot Ion: 98 Resp: 304105

Ion Ratio Lower Upper

98 100

100 65.8 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 53.551 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY002080.D

Acq: 25 Mar 2020 20:13

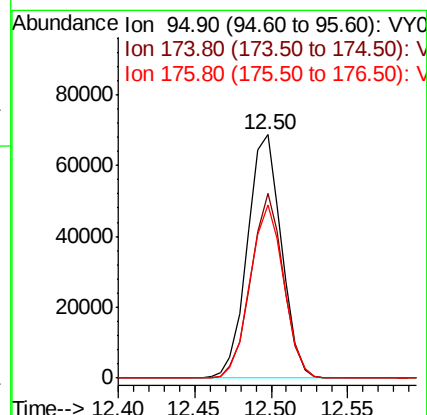
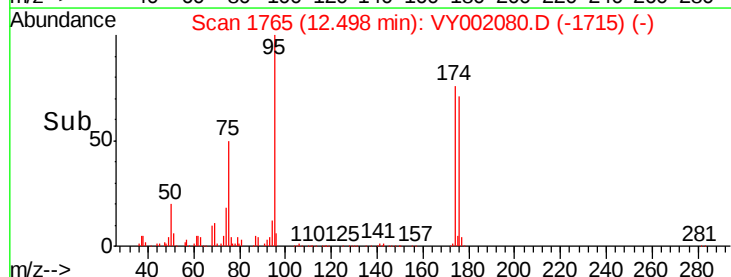
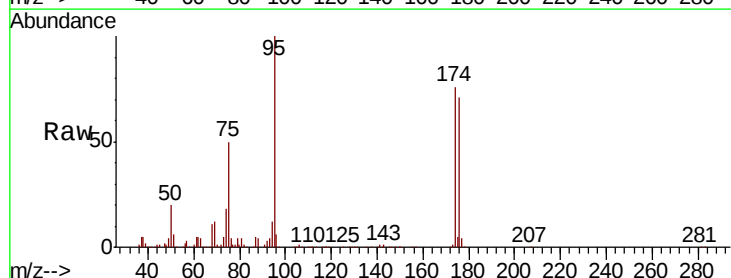
Tgt Ion: 95 Resp: 106056

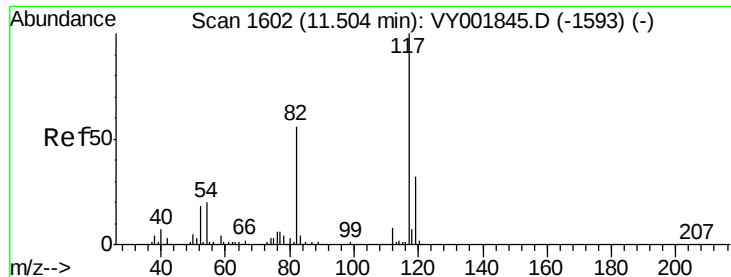
Ion Ratio Lower Upper

95 100

174 72.6 0.0 145.0

176 70.7 0.0 137.4

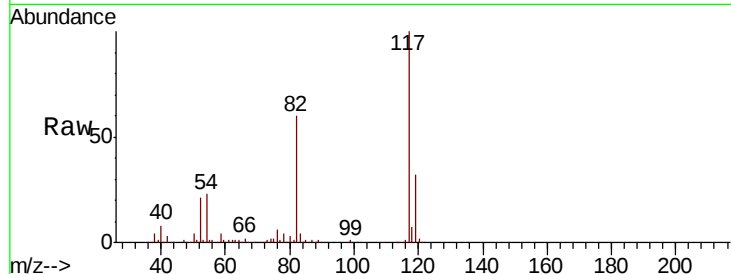




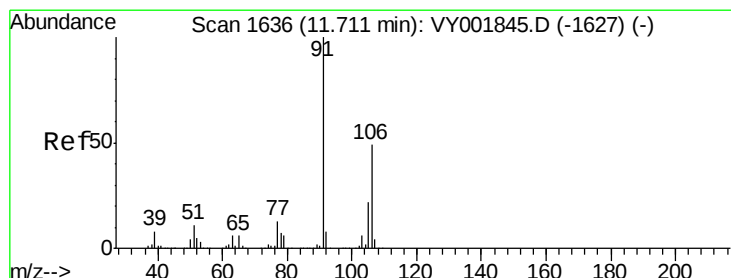
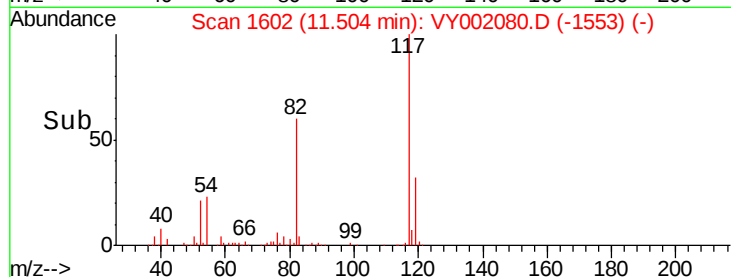
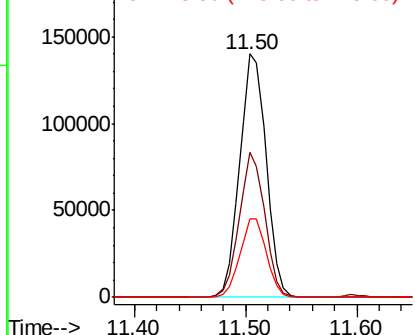
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY002080.D
Acq: 25 Mar 2020 20:13

Instrument :
MSVOA_Y
ClientSampleId :
SB-04-5.5-6.0

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.2	44.5	66.7
119	32.3	25.7	38.5

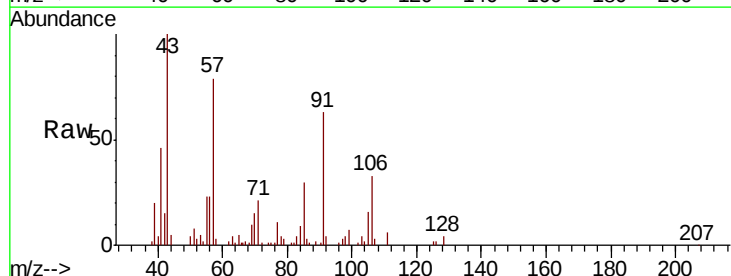


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

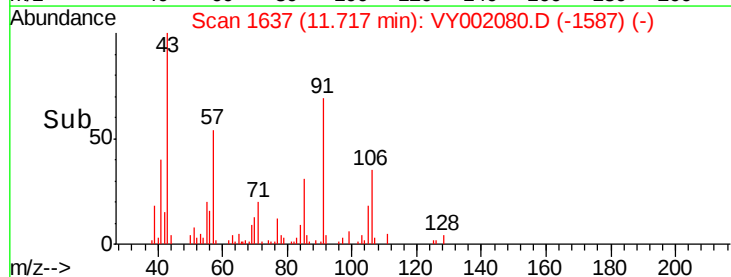
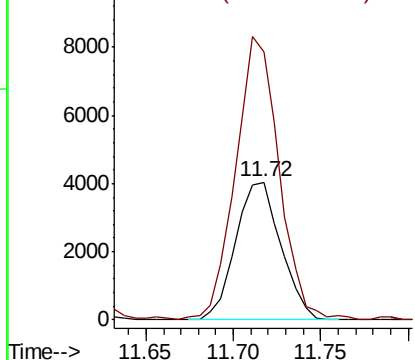


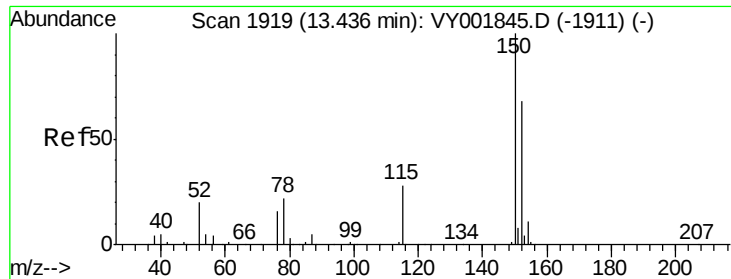
#68
m/p-Xylenes
Concen: 2.300 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY002080.D
Acq: 25 Mar 2020 20:13

Tgt Ion	Ratio	Lower	Upper
106	100		
91	197.2	161.3	241.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY002080.D

Acq: 25 Mar 2020 20:13

Instrument :

MSVOA_Y

ClientSampleId :

SB-04-5.5-6.0

Tot Ion:152 Resp: 101209

Ion Ratio Lower Upper

152 100

115 61.4 29.9 89.7

150 159.9 0.0 340.6

