

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051320\
 Data File : VY002686.D
 Acq On : 13 May 2020 15:47
 Operator : SY/MD
 Sample : L2638-02
 Misc : 8.41G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SUP-WZ2-G-1

Quant Time: May 14 04:46:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

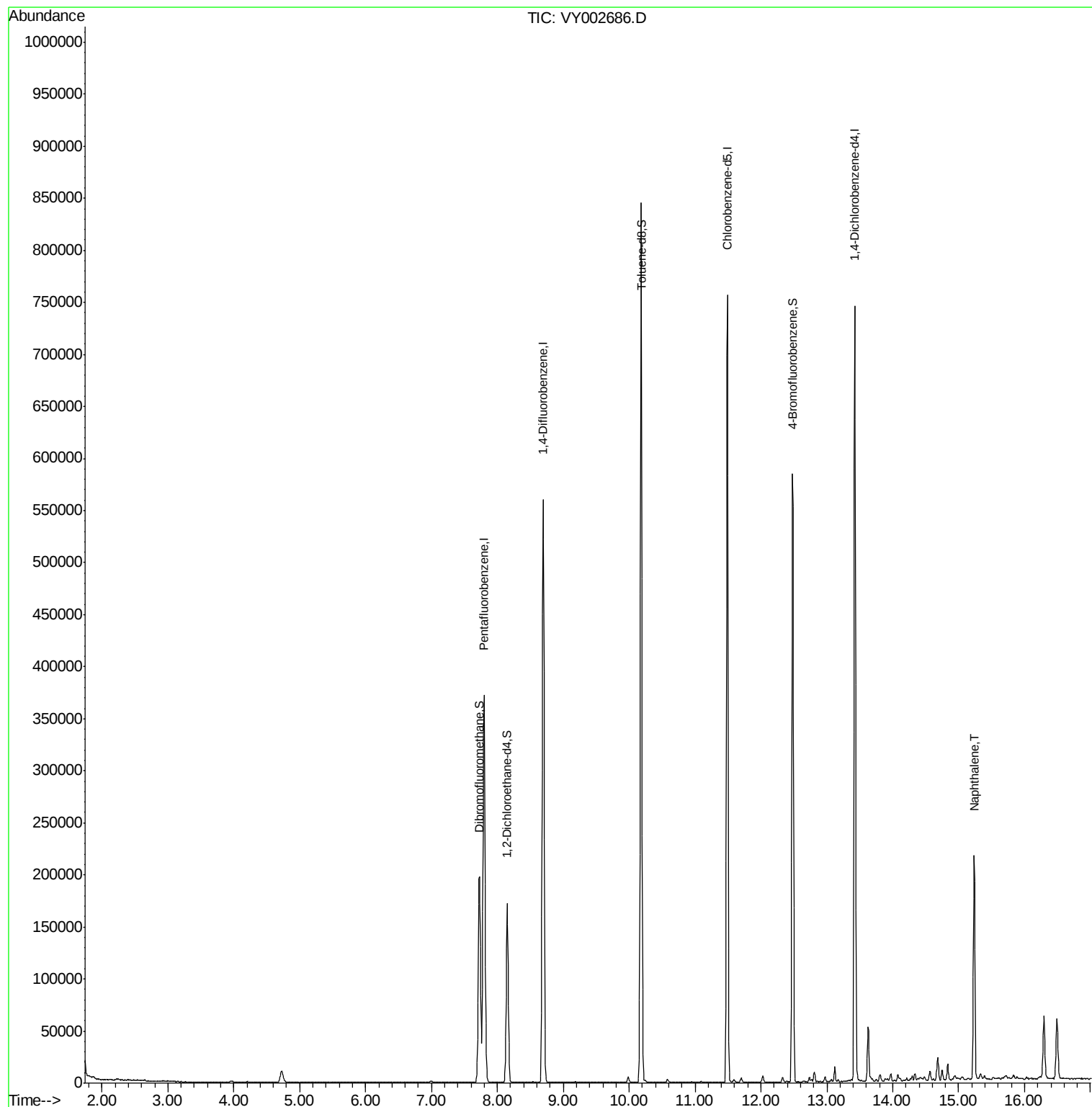
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	316943	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	497749	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	437371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	201220	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	131335	49.28	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	98.56%	
35) Dibromofluoromethane	7.73	113	145427	51.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.18%	
50) Toluene-d8	10.18	98	574703	51.70	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	103.40%	
62) 4-Bromofluorobenzene	12.48	95	178558	47.34	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	94.68%	
Target Compounds						
95) Naphthalene	15.23	128	179720	24.661	ug/l	Qvalue 100

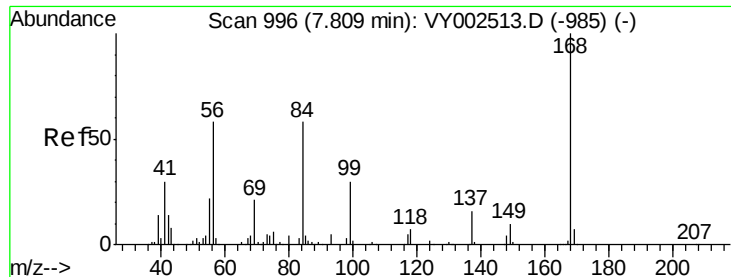
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002686.D

Acq: 13 May 2020 15:47

Instrument :

MSVOA_Y

ClientSampleId :

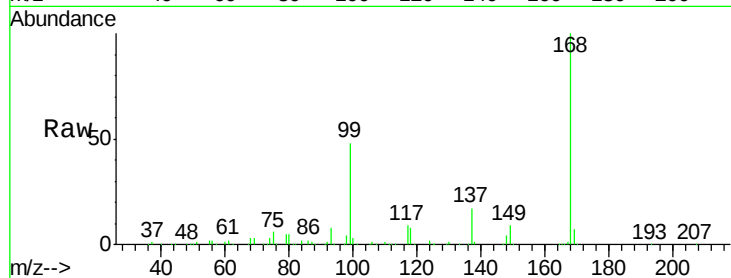
SUP-WZ2-G-1

Tot Ion:168 Resp: 316943

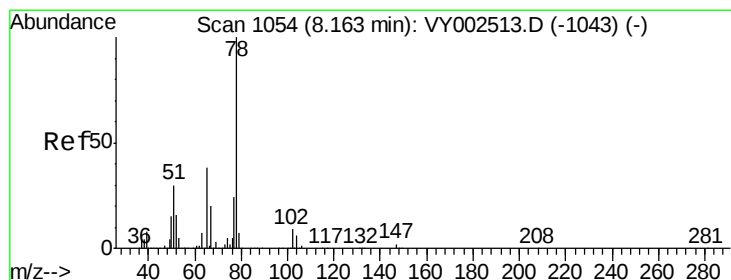
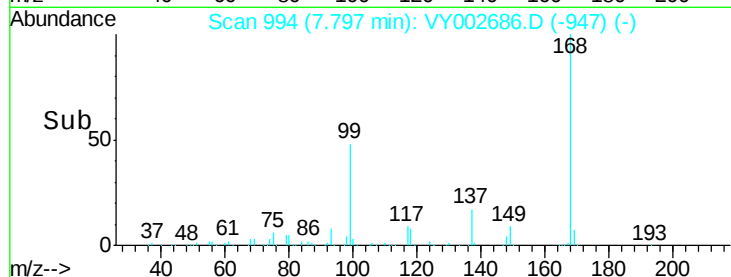
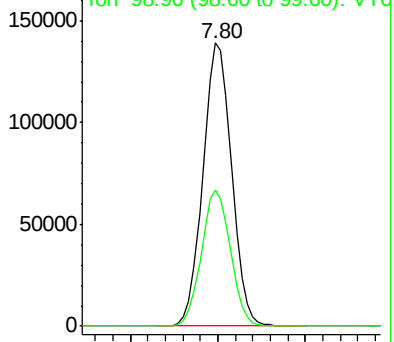
Ion Ratio Lower Upper

168 100

99 48.3 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)



#33

1,2-Dichloroethane-d4

Concen: 49.283 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002686.D

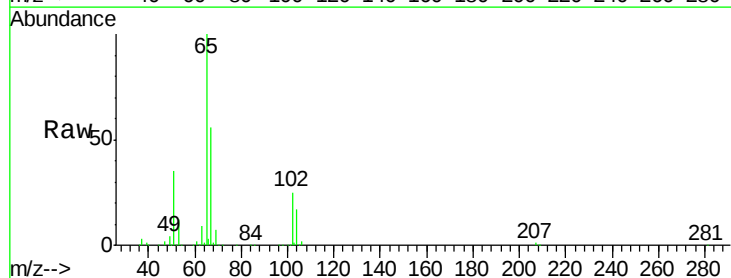
Acq: 13 May 2020 15:47

Tgt Ion: 65 Resp: 131335

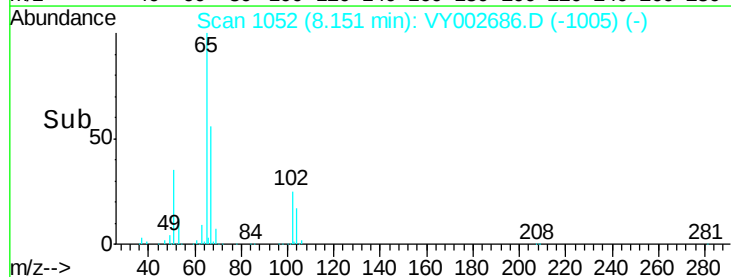
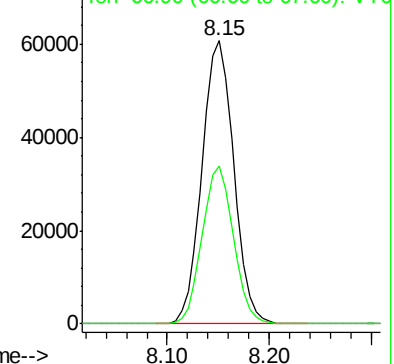
Ion Ratio Lower Upper

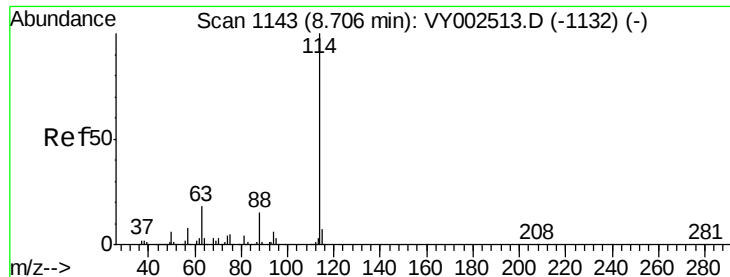
65 100

67 54.6 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY002513.D (-1043) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY002686.D

Acq: 13 May 2020 15:47

Instrument :

MSVOA_Y

ClientSampleId :

SUP-WZ2-G-1

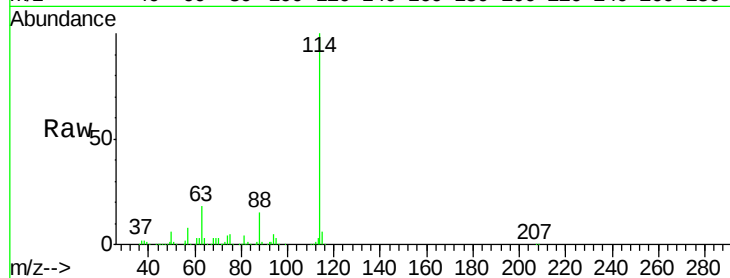
Tot Ion:114 Resp: 497749

Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.4

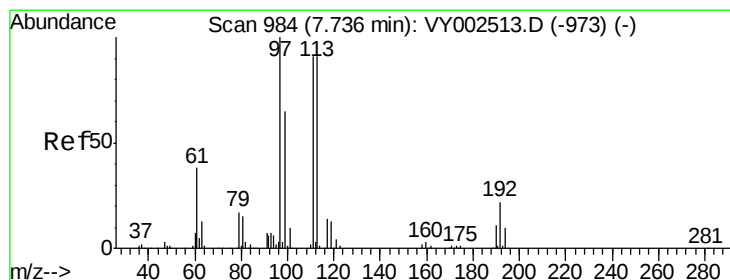
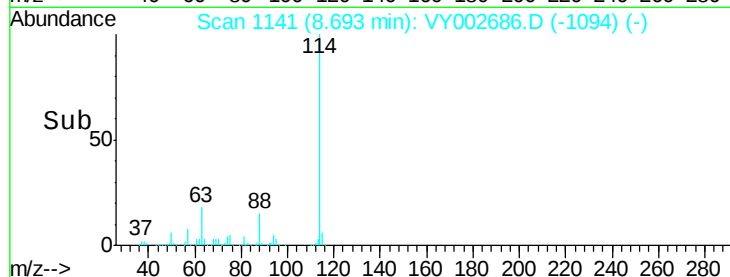
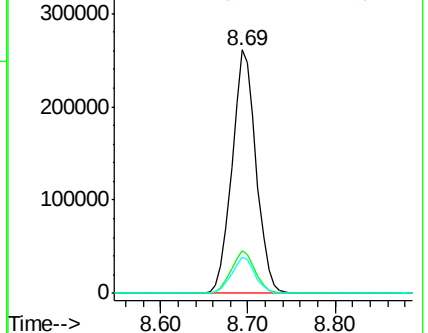
88 14.9 0.0 29.6



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: 51.087 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002686.D

Acq: 13 May 2020 15:47

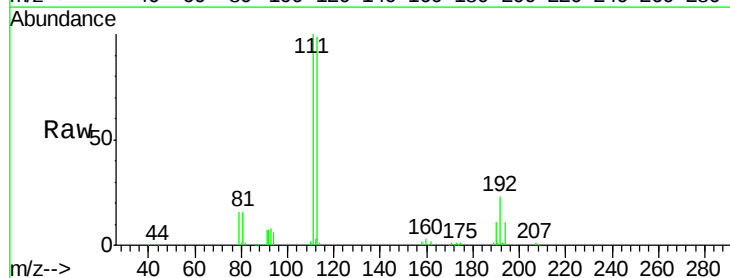
Tgt Ion:113 Resp: 145427

Ion Ratio Lower Upper

113 100

111 102.0 81.8 122.6

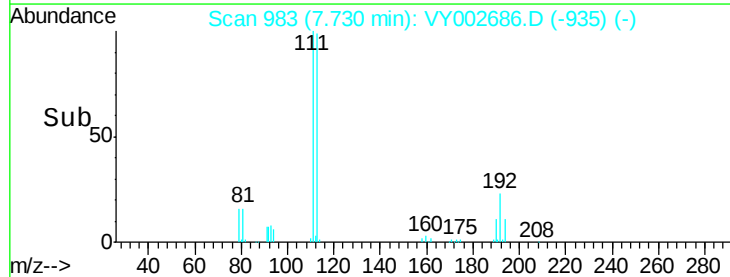
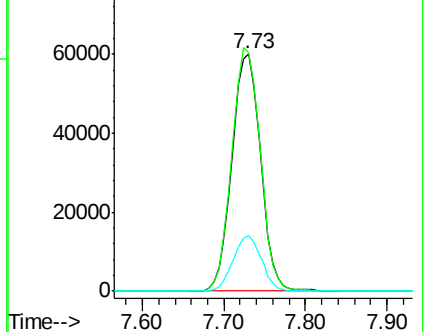
192 22.9 18.2 27.4

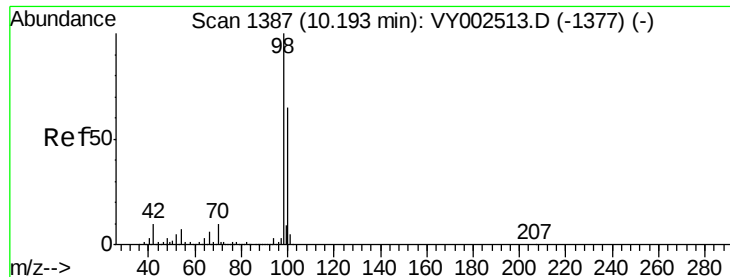


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.698 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002686.D

Acq: 13 May 2020 15:47

Instrument :

MSVOA_Y

ClientSampleId :

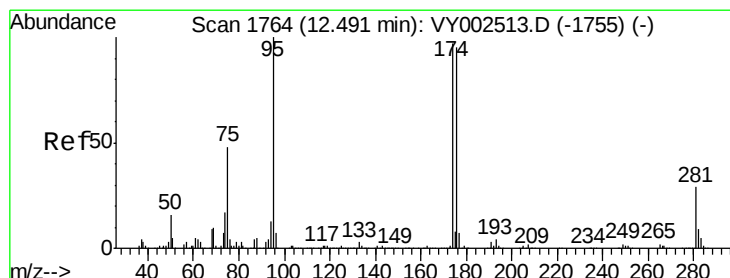
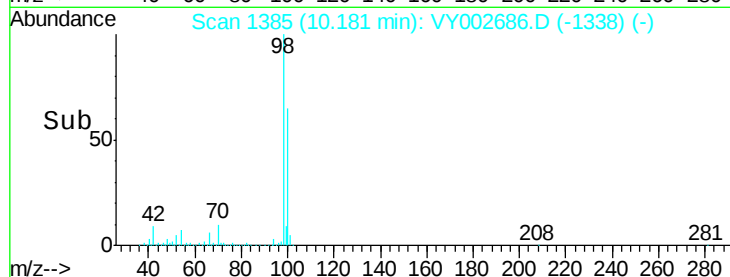
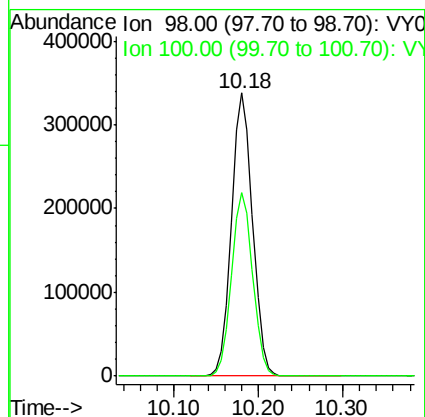
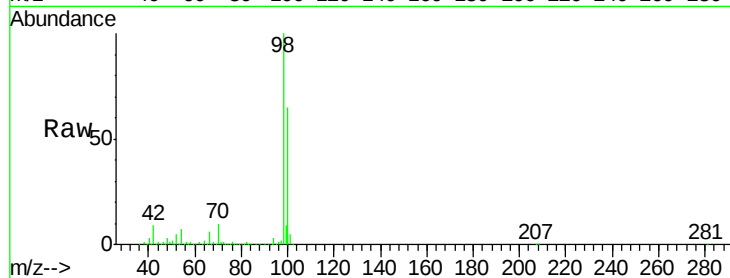
SUP-WZ2-G-1

Tot Ion: 98 Resp: 574703

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 47.336 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002686.D

Acq: 13 May 2020 15:47

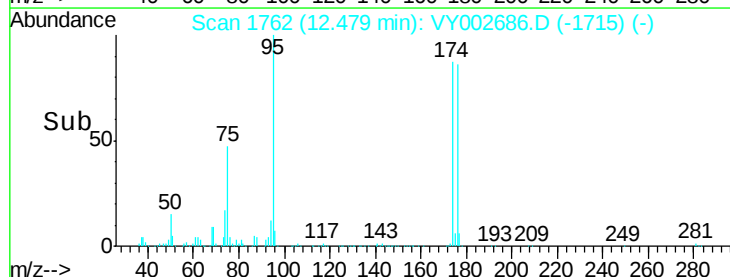
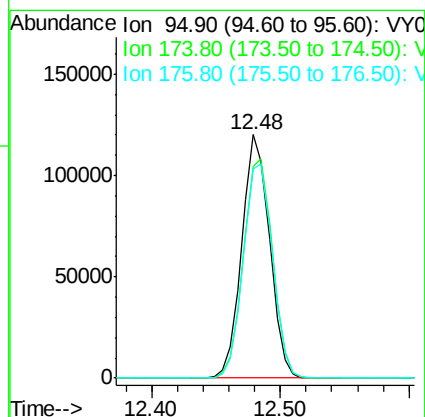
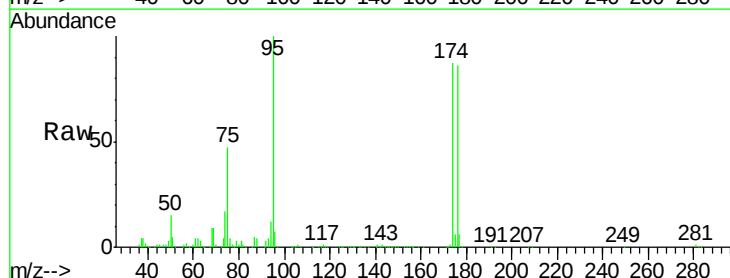
Tgt Ion: 95 Resp: 178558

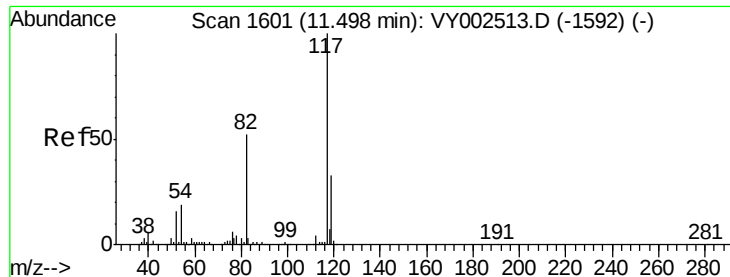
Ion Ratio Lower Upper

95 100

174 94.3 0.0 188.8

176 92.3 0.0 183.2

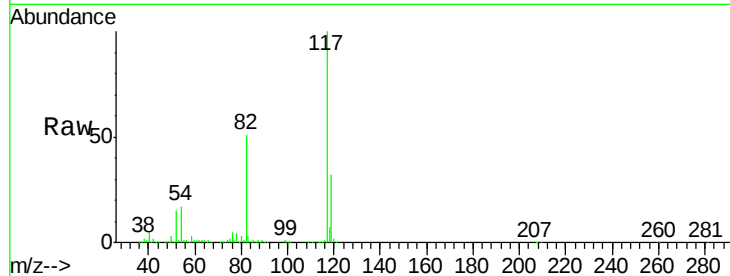




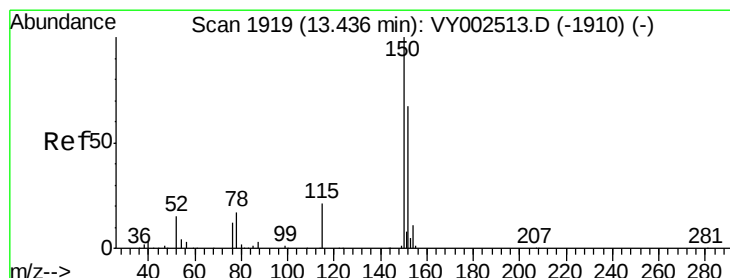
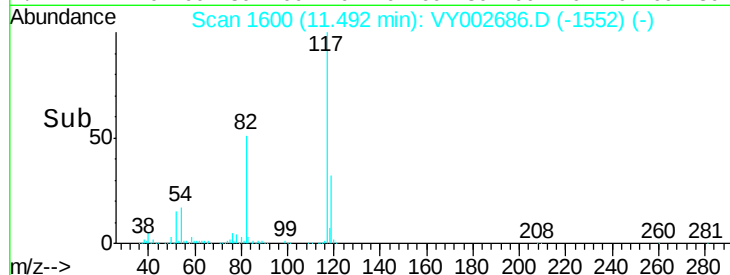
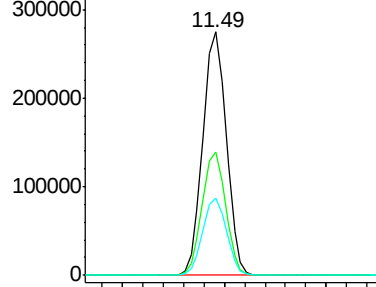
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002686.D
Acq: 13 May 2020 15:47

Instrument :
MSVOA_Y
ClientSampleId :
SUP-WZ2-G-1

Tot Ion:117 Resp: 437371
Ion Ratio Lower Upper
117 100
82 50.7 41.3 61.9
119 31.6 26.0 39.0

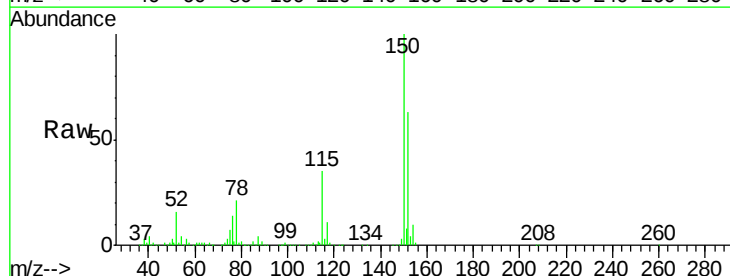


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

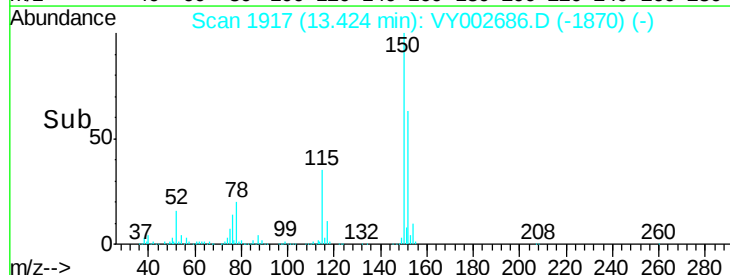
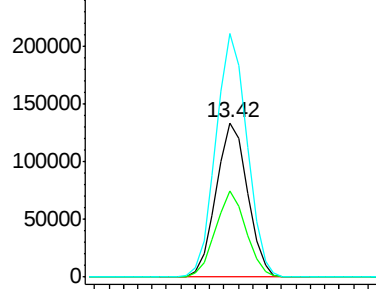


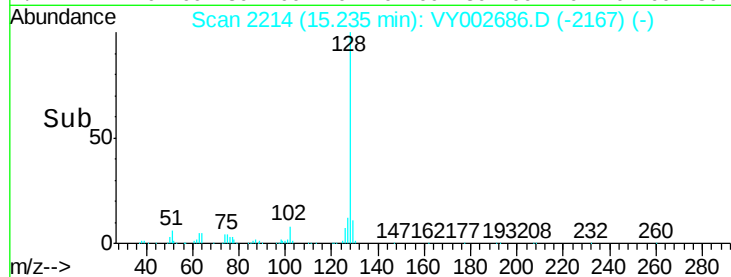
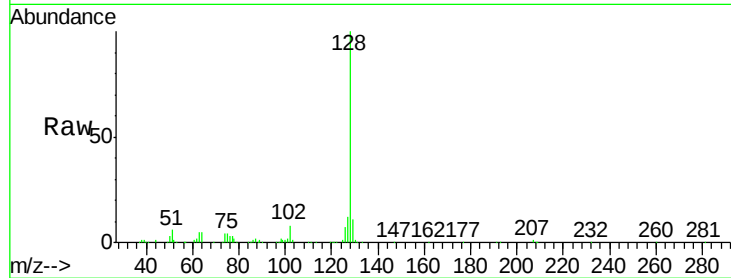
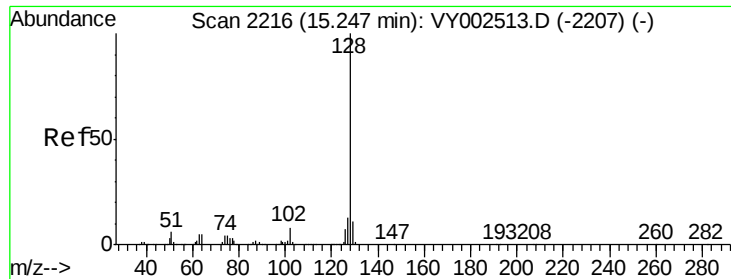
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002686.D
Acq: 13 May 2020 15:47

Tgt Ion:152 Resp: 201220
Ion Ratio Lower Upper
152 100
115 54.4 27.5 82.4
150 157.0 0.0 346.4



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





#95

Naphthalene

Concen: 24.661 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.01 min

Lab File: VY002686.D

Acq: 13 May 2020 15:47

Instrument :

MSVOA_Y

ClientSampleId :

SUP-WZ2-G-1

Tot Ion:128 Resp: 179720

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.9 8.8 13.2

