

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051320\
 Data File : VY002688.D
 Acq On : 13 May 2020 16:31
 Operator : SY/MD
 Sample : L2638-04
 Misc : 13.05G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SUP-WZ2-G-3

Quant Time: May 14 04:54:49 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	310924	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	486424	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	422755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	201338	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	129241	49.44	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	98.88%	
35) Dibromofluoromethane	7.73	113	141216	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
50) Toluene-d8	10.18	98	565594	52.06	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	104.12%	
62) 4-Bromofluorobenzene	12.48	95	173977	47.20	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	94.40%	

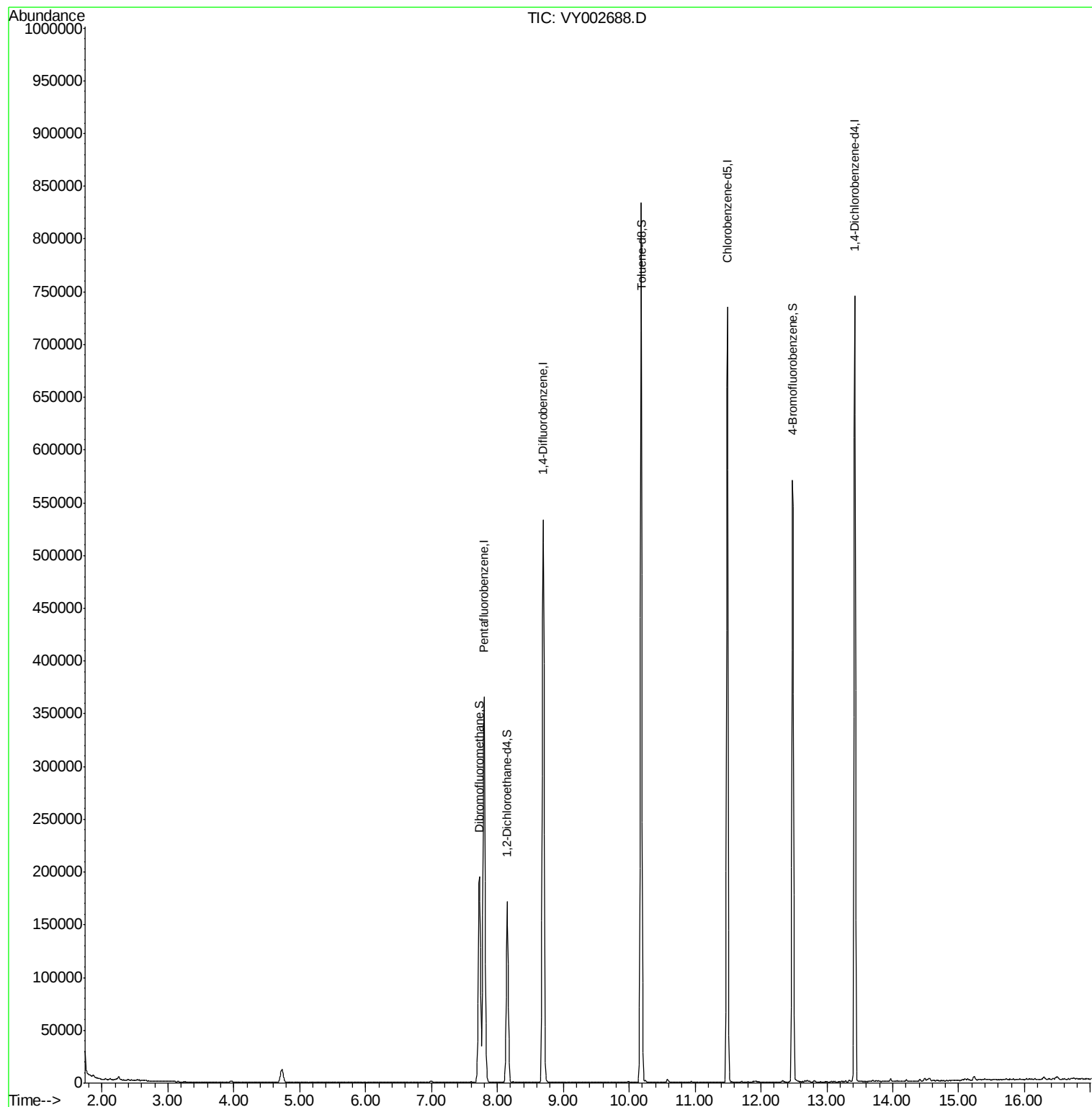
Target Compounds	Qvalue

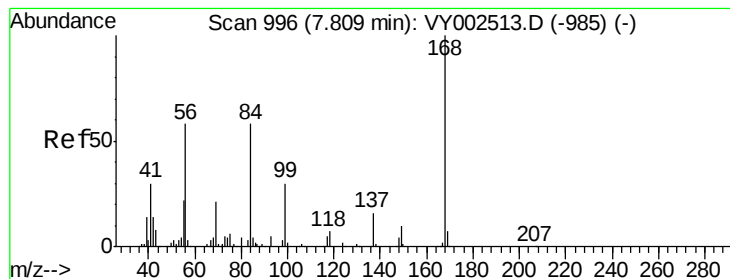
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002688.D

Acq: 13 May 2020 16:31

Instrument :

MSVOA_Y

ClientSampleId :

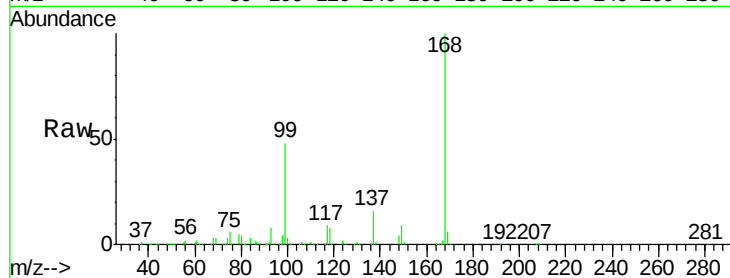
SUP-WZ2-G-3

Tot Ion:168 Resp: 310924

Ion Ratio Lower Upper

168 100

99 47.9 39.2 58.8



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

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.80

150000

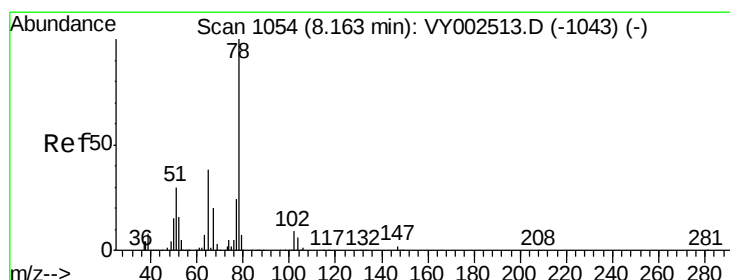
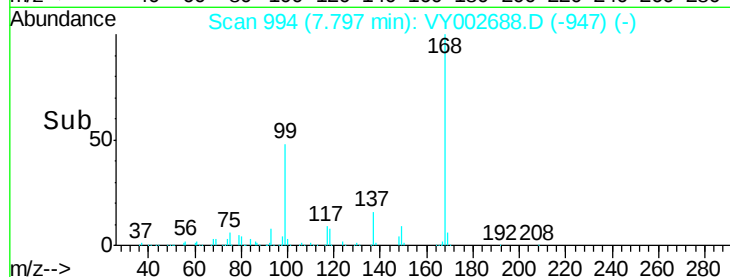
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.436 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002688.D

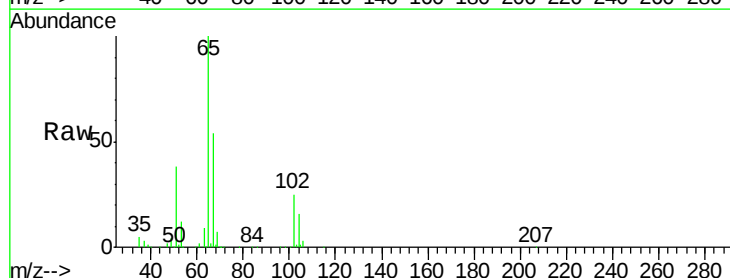
Acq: 13 May 2020 16:31

Tgt Ion: 65 Resp: 129241

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.2



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

Ion 66.90 (66.60 to 67.60): VY002513.D (-1043) (-)

8.15

60000

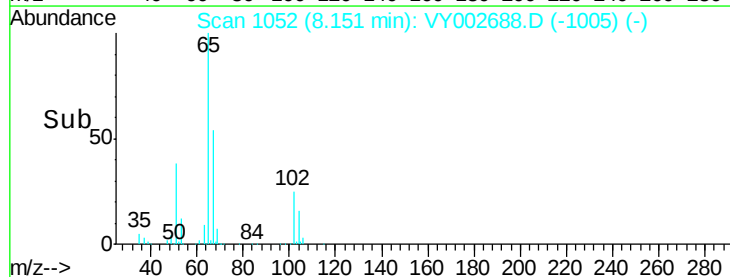
40000

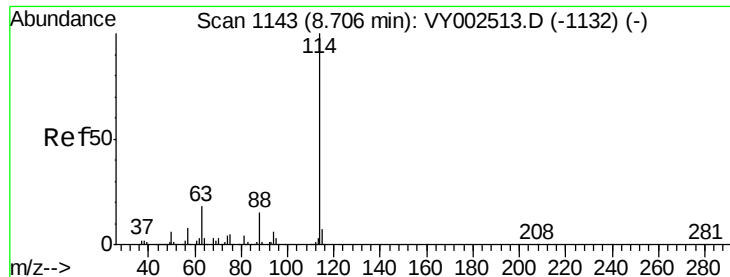
20000

0

8.10 8.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY002688.D

Acq: 13 May 2020 16:31

Instrument :

MSVOA_Y

ClientSampleId :

SUP-WZ2-G-3

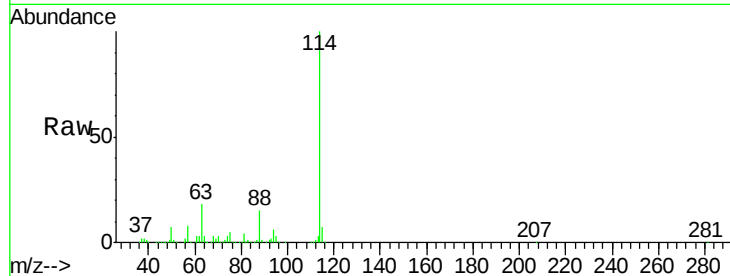
Tot Ion:114 Resp: 486424

Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.4

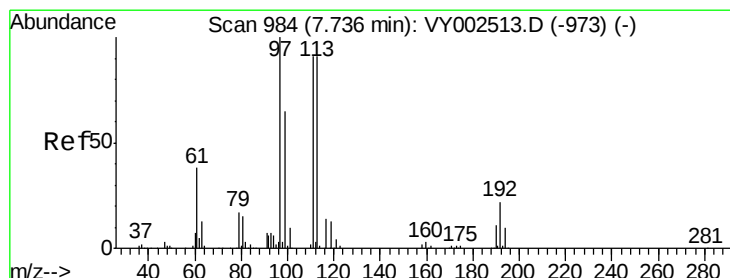
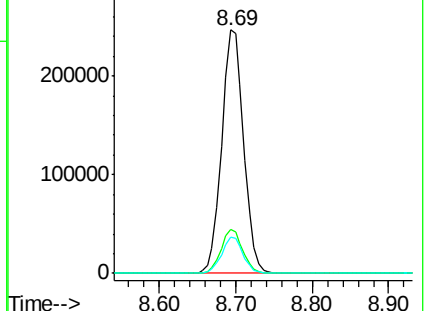
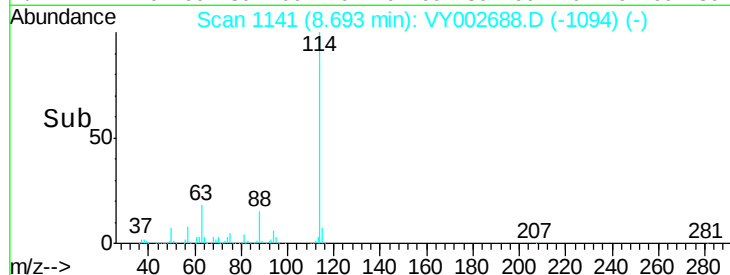
88 15.1 0.0 29.6



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: 50.763 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002688.D

Acq: 13 May 2020 16:31

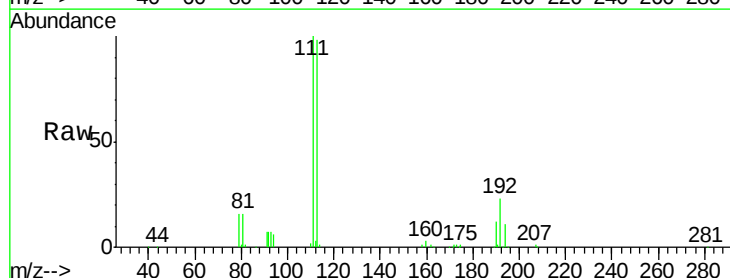
Tgt Ion:113 Resp: 141216

Ion Ratio Lower Upper

113 100

111 102.1 81.8 122.6

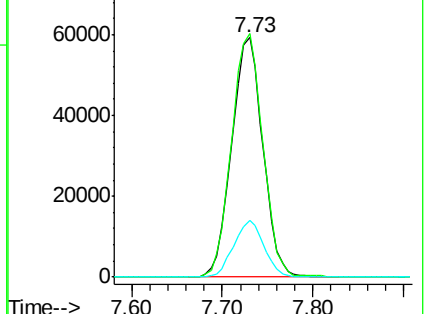
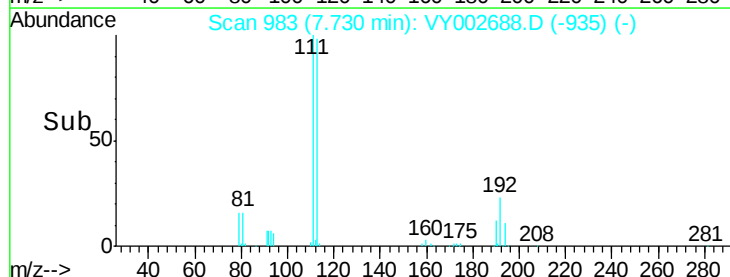
192 23.0 18.2 27.4

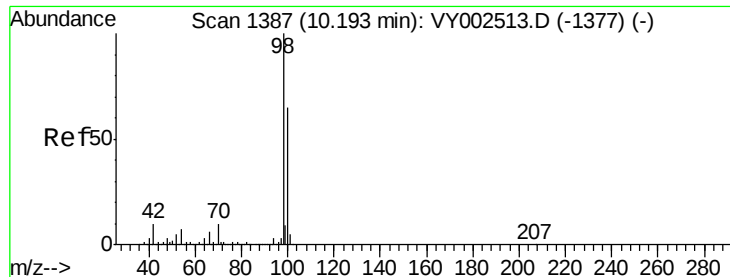


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.063 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002688.D

Acq: 13 May 2020 16:31

Instrument :

MSVOA_Y

ClientSampleId :

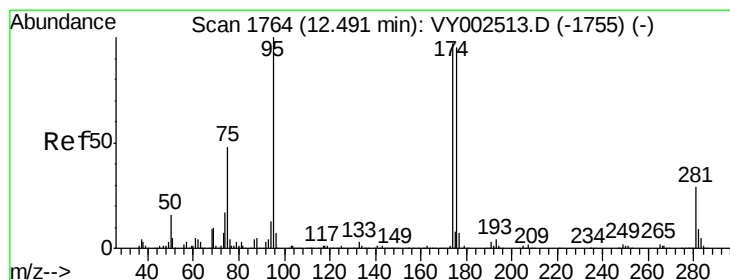
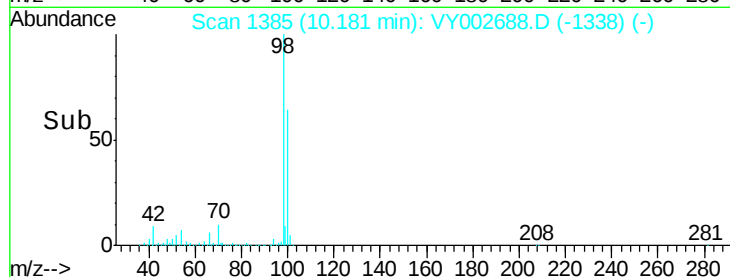
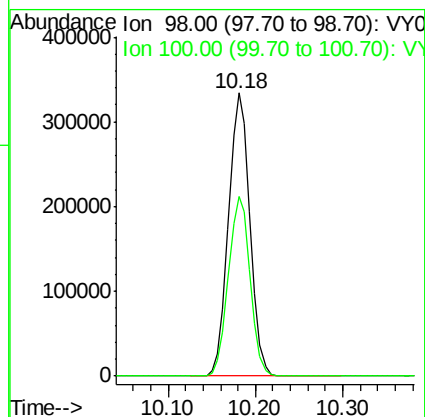
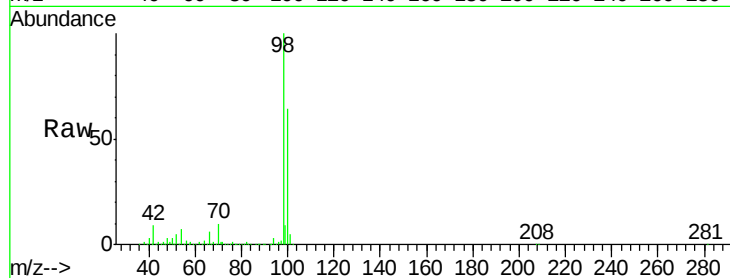
SUP-WZ2-G-3

Tot Ion: 98 Resp: 565594

Ion Ratio Lower Upper

98 100

100 64.4 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 47.196 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002688.D

Acq: 13 May 2020 16:31

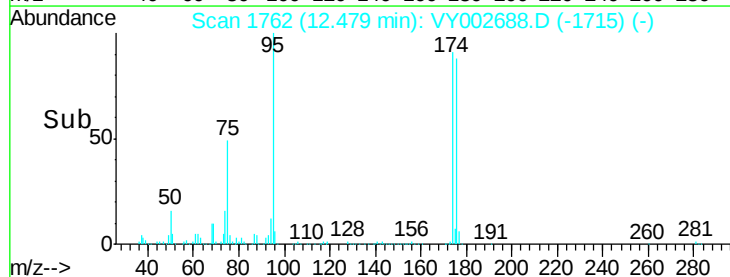
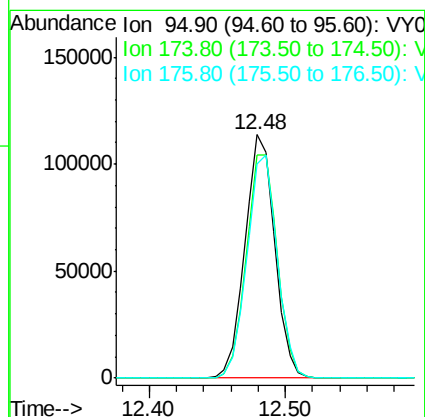
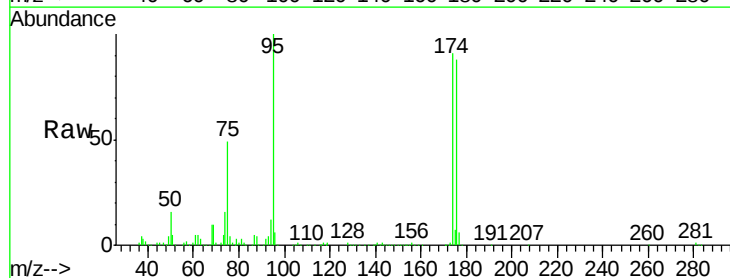
Tgt Ion: 95 Resp: 173977

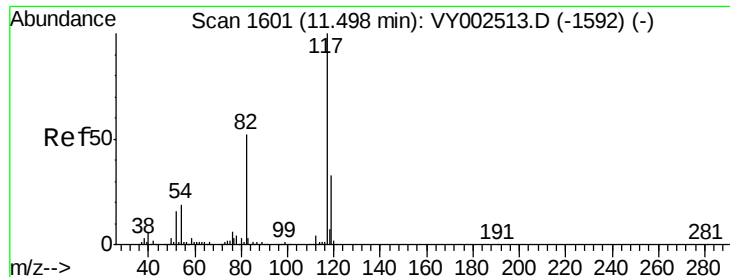
Ion Ratio Lower Upper

95 100

174 95.6 0.0 188.8

176 93.5 0.0 183.2

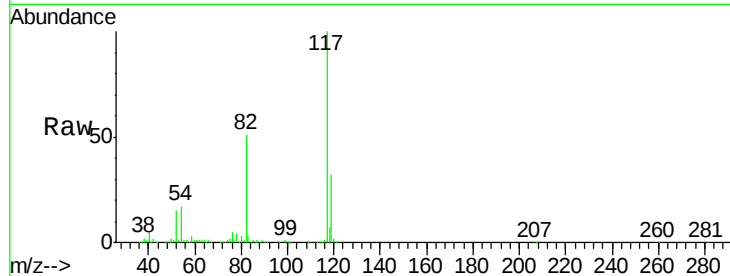




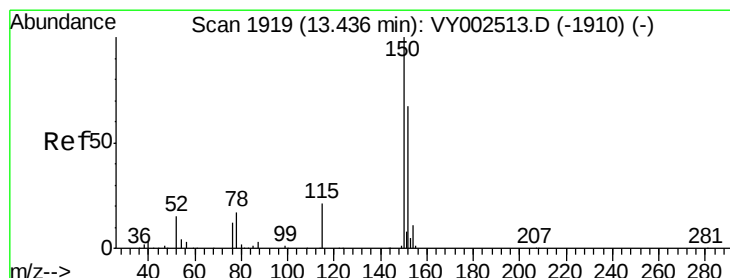
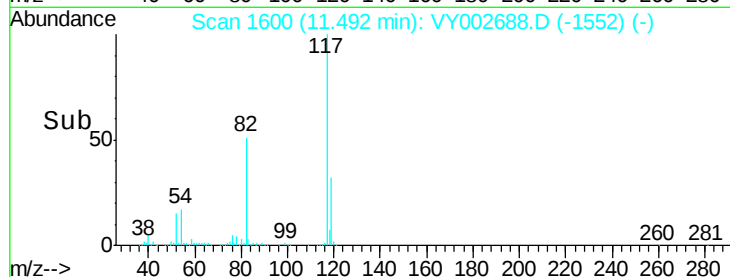
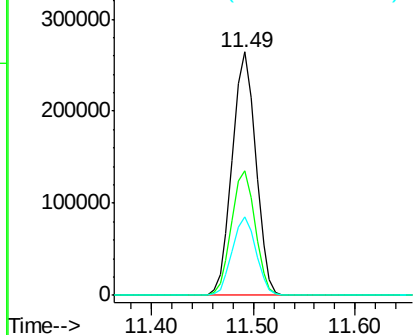
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002688.D
Acq: 13 May 2020 16:31

Instrument :
MSVOA_Y
ClientSampleId :
SUP-WZ2-G-3

Tot Ion:117 Resp: 422755
Ion Ratio Lower Upper
117 100
82 51.1 41.3 61.9
119 32.3 26.0 39.0

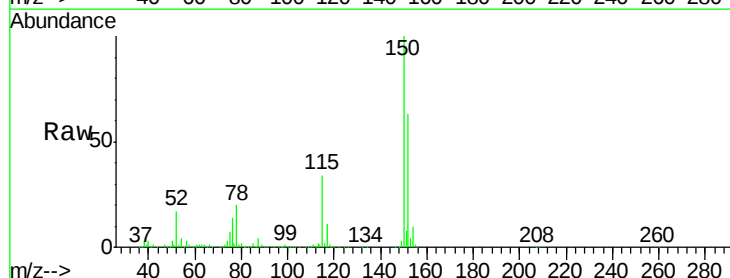


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002688.D
Acq: 13 May 2020 16:31

Tgt Ion:152 Resp: 201338
Ion Ratio Lower Upper
152 100
115 54.0 27.5 82.4
150 158.6 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

