

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051320\
 Data File : VY002677.D
 Acq On : 13 May 2020 12:26
 Operator : SY/MD
 Sample : L2605-04
 Misc : 7.09G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 239997

Quant Time: May 14 04:13:25 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	162339	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	244722	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	210420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	94466	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	65706	48.14	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	96.28%	
35) Dibromofluoromethane	7.73	113	71690	51.22	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.44%	
50) Toluene-d8	10.18	98	283342	51.84	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	103.68%	
62) 4-Bromofluorobenzene	12.48	95	84843	45.75	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	91.50%	

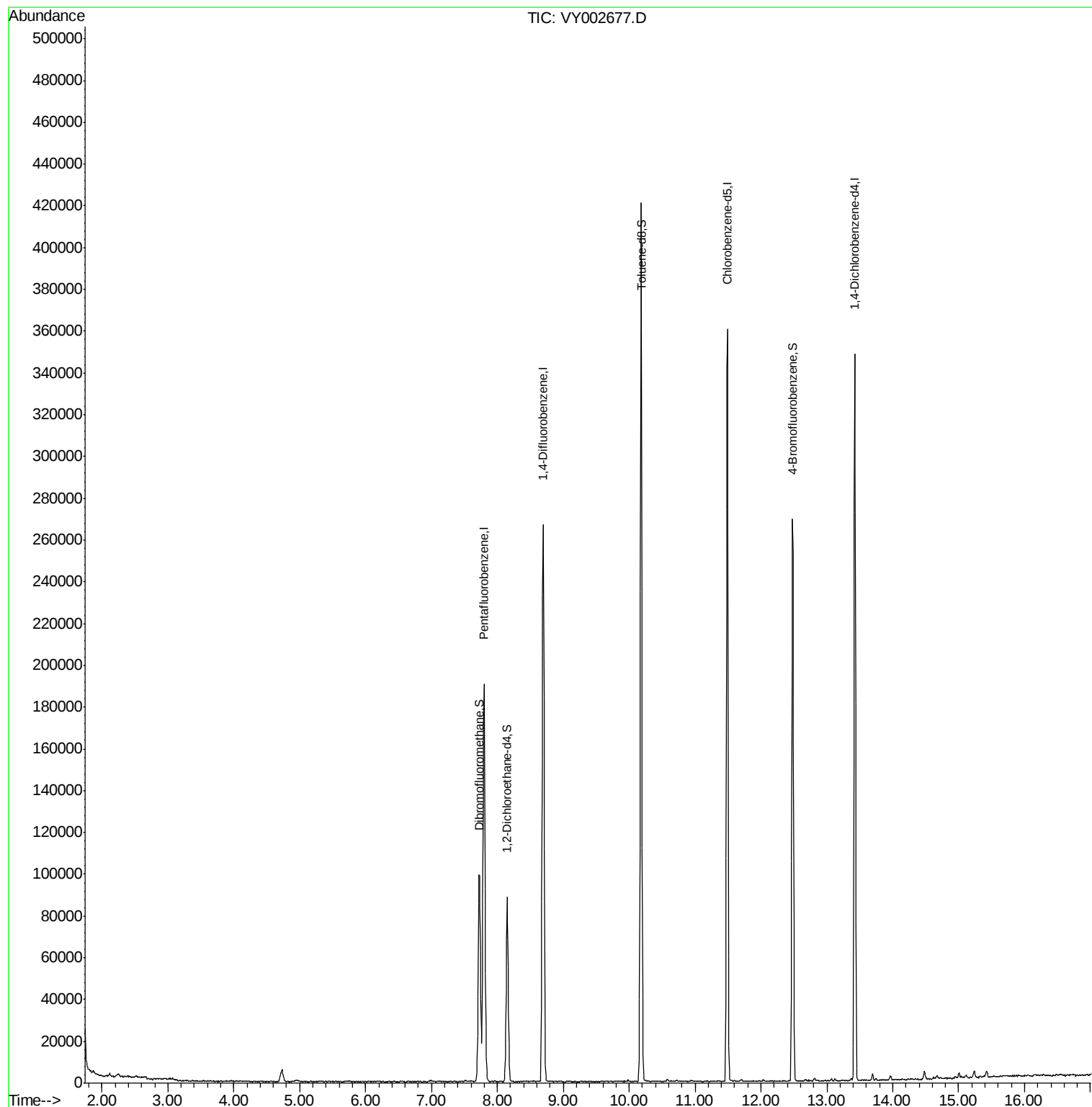
Target Compounds	Qvalue

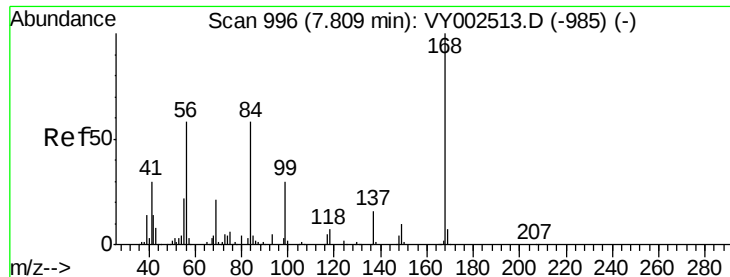
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002677.D

Acq: 13 May 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

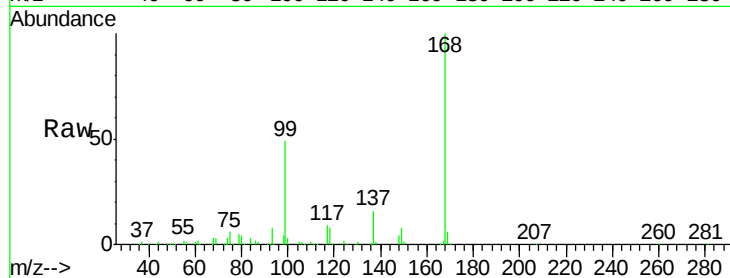
239997

Tot Ion:168 Resp: 162339

Ion Ratio Lower Upper

168 100

99 49.3 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

60000

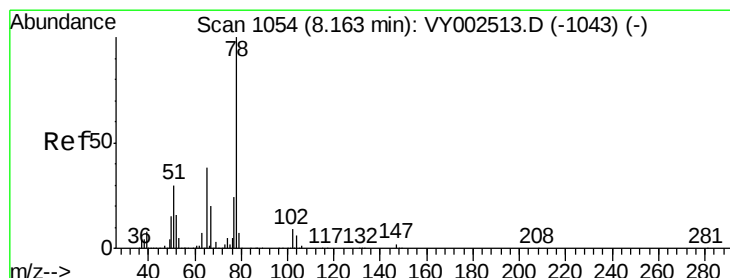
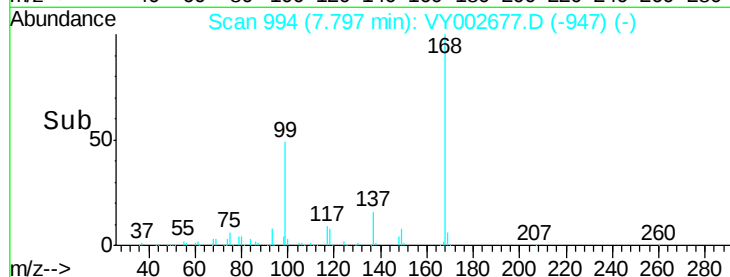
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.137 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002677.D

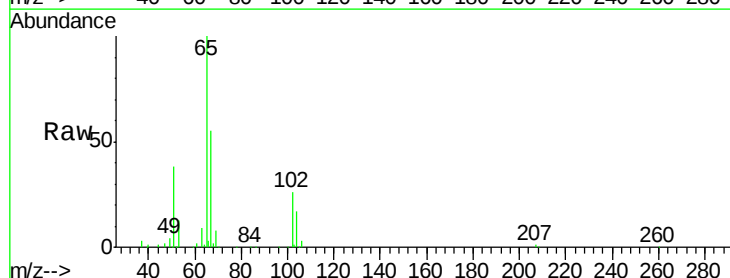
Acq: 13 May 2020 12:26

Tgt Ion: 65 Resp: 65706

Ion Ratio Lower Upper

65 100

67 56.4 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

30000

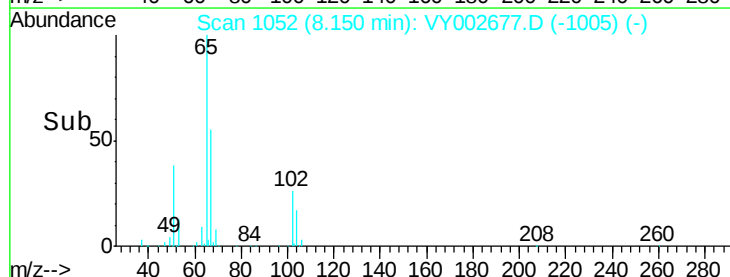
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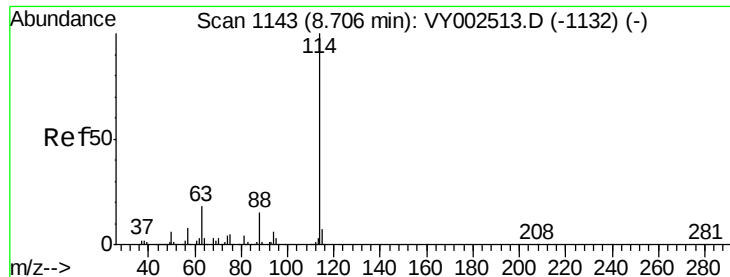
10000

0

8.05 8.10 8.15 8.20 8.25

Time-->

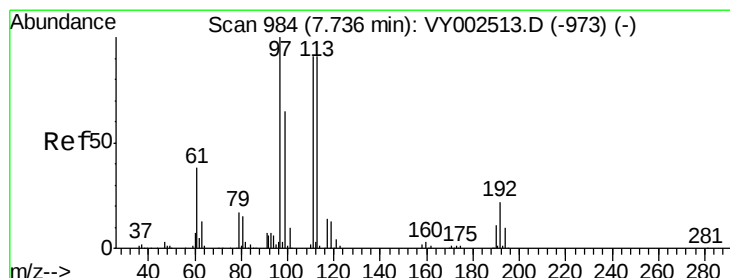
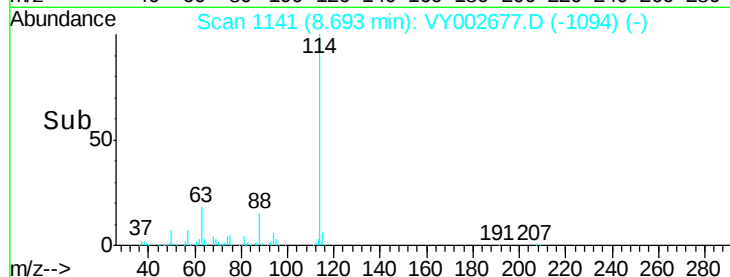
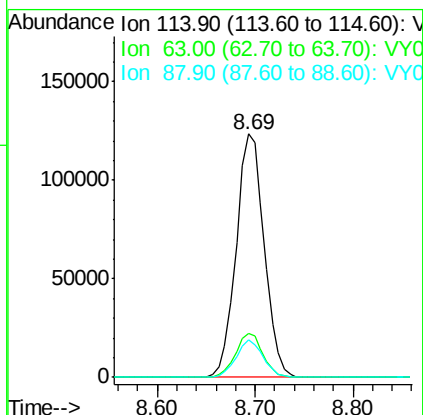
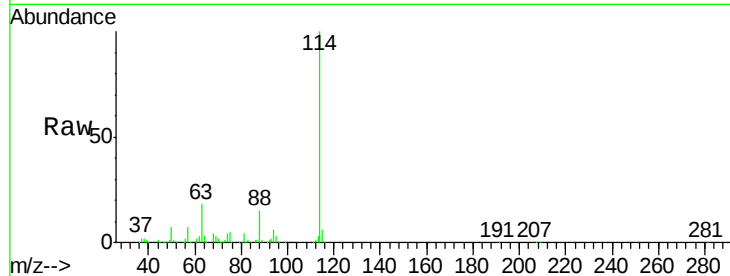




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY002677.D
 Acq: 13 May 2020 12:26

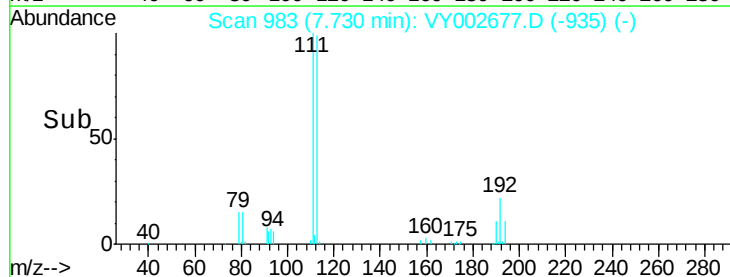
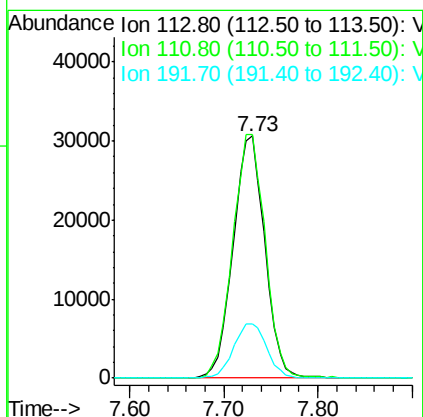
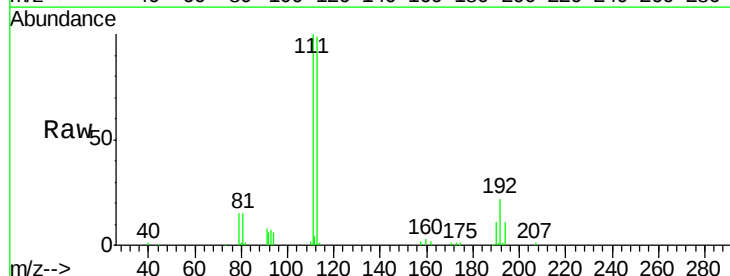
Instrument :
 MSVOA_Y
 ClientSampleId :
 239997

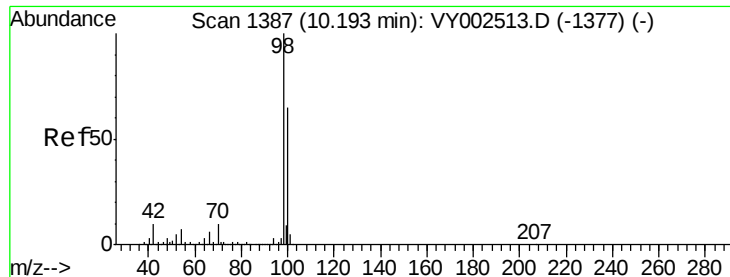
Tot Ion:114 Resp: 244722
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 36.4
 88 15.3 0.0 29.6



#35
 Dibromofluoromethane
 Concen: 51.223 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002677.D
 Acq: 13 May 2020 12:26

Tgt Ion:113 Resp: 71690
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.8 122.6
 192 23.5 18.2 27.4





#50

Toluene-d8

Concen: 51.842 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002677.D

Acq: 13 May 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

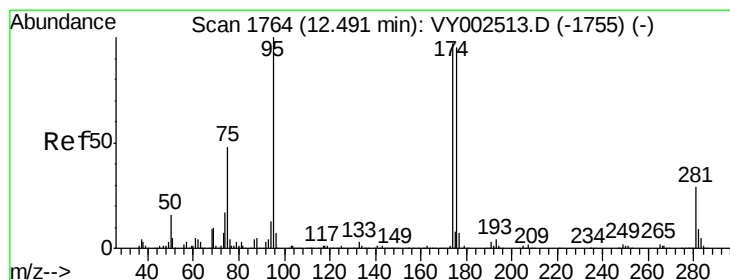
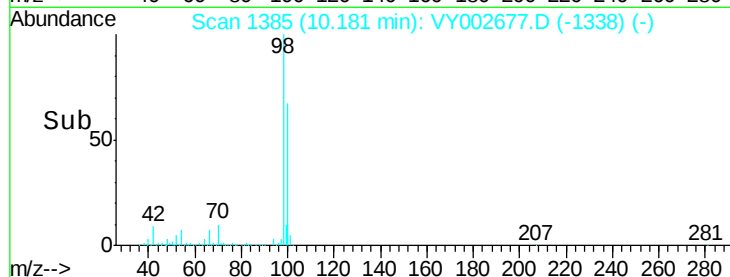
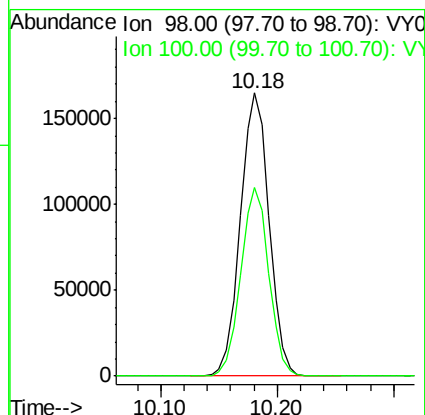
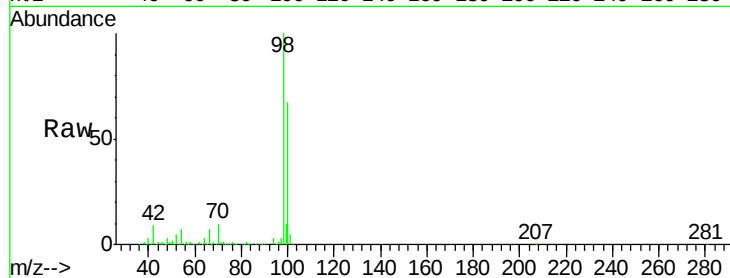
239997

Tot Ion: 98 Resp: 283342

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 45.748 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002677.D

Acq: 13 May 2020 12:26

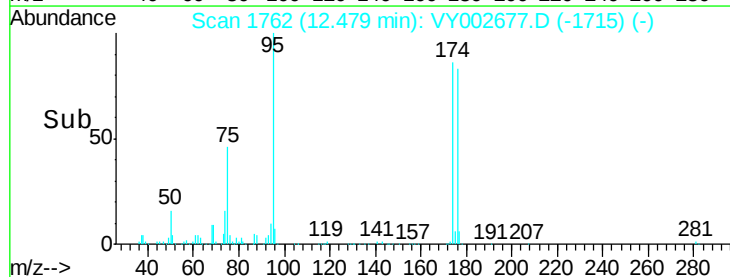
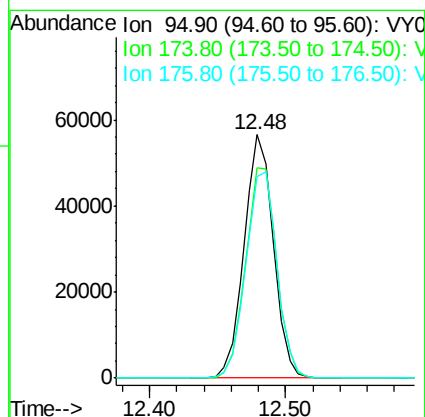
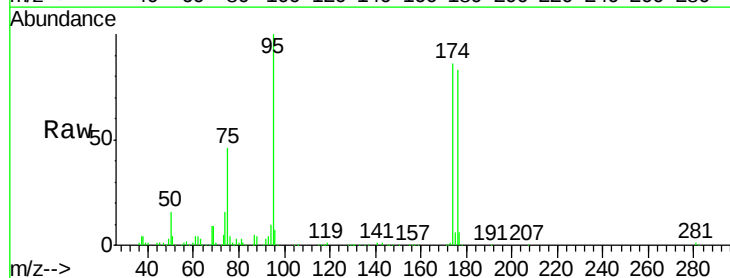
Tgt Ion: 95 Resp: 84843

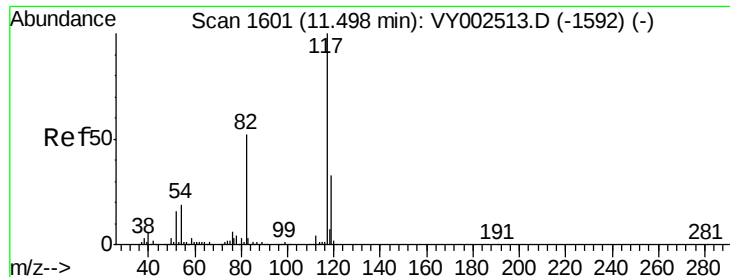
Ion Ratio Lower Upper

95 100

174 92.4 0.0 188.8

176 90.1 0.0 183.2

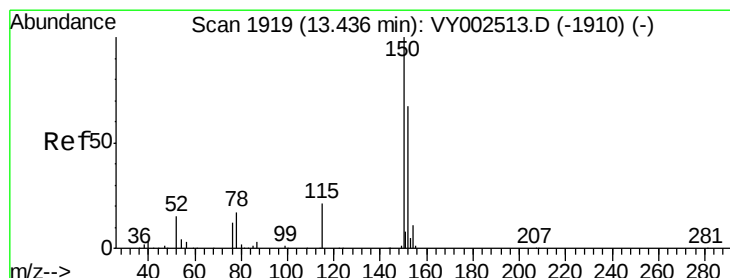
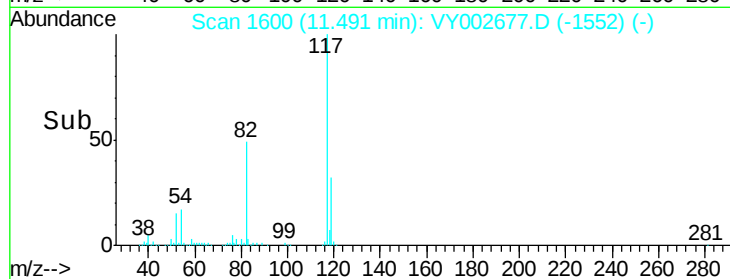
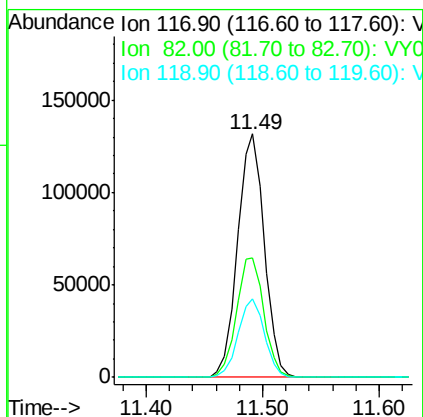
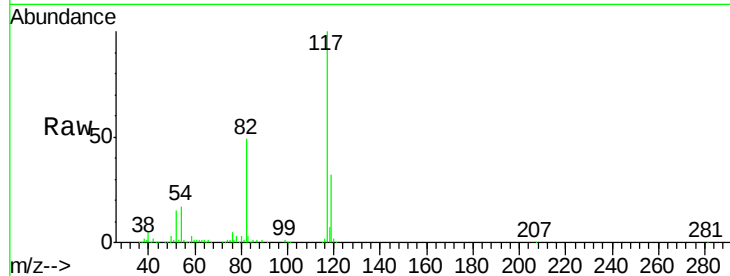




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002677.D
Acq: 13 May 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
239997

Tot Ion:117 Resp: 210420
Ion Ratio Lower Upper
117 100
82 48.9 41.3 61.9
119 32.5 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002677.D
Acq: 13 May 2020 12:26

Tgt Ion:152 Resp: 94466
Ion Ratio Lower Upper
152 100
115 54.0 27.5 82.4
150 153.8 0.0 346.4

