

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051320\
 Data File : VY002676.D
 Acq On : 13 May 2020 12:03
 Operator : SY/MD
 Sample : L2605-01
 Misc : 5.94G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 239992

Quant Time: May 14 07:48:25 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	335556	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	527285	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	452199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	196645	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	139190	49.33	ug/l	-0.01
Spiked Amount						
			Recovery	=		98.66%
35) Dibromofluoromethane	7.73	113	154275	51.16	ug/l	0.00
Spiked Amount						
			Recovery	=		102.32%
50) Toluene-d8	10.18	98	613842	52.13	ug/l	-0.01
Spiked Amount						
			Recovery	=		104.26%
62) 4-Bromofluorobenzene	12.48	95	182508	45.67	ug/l	-0.01
Spiked Amount						
			Recovery	=		91.34%

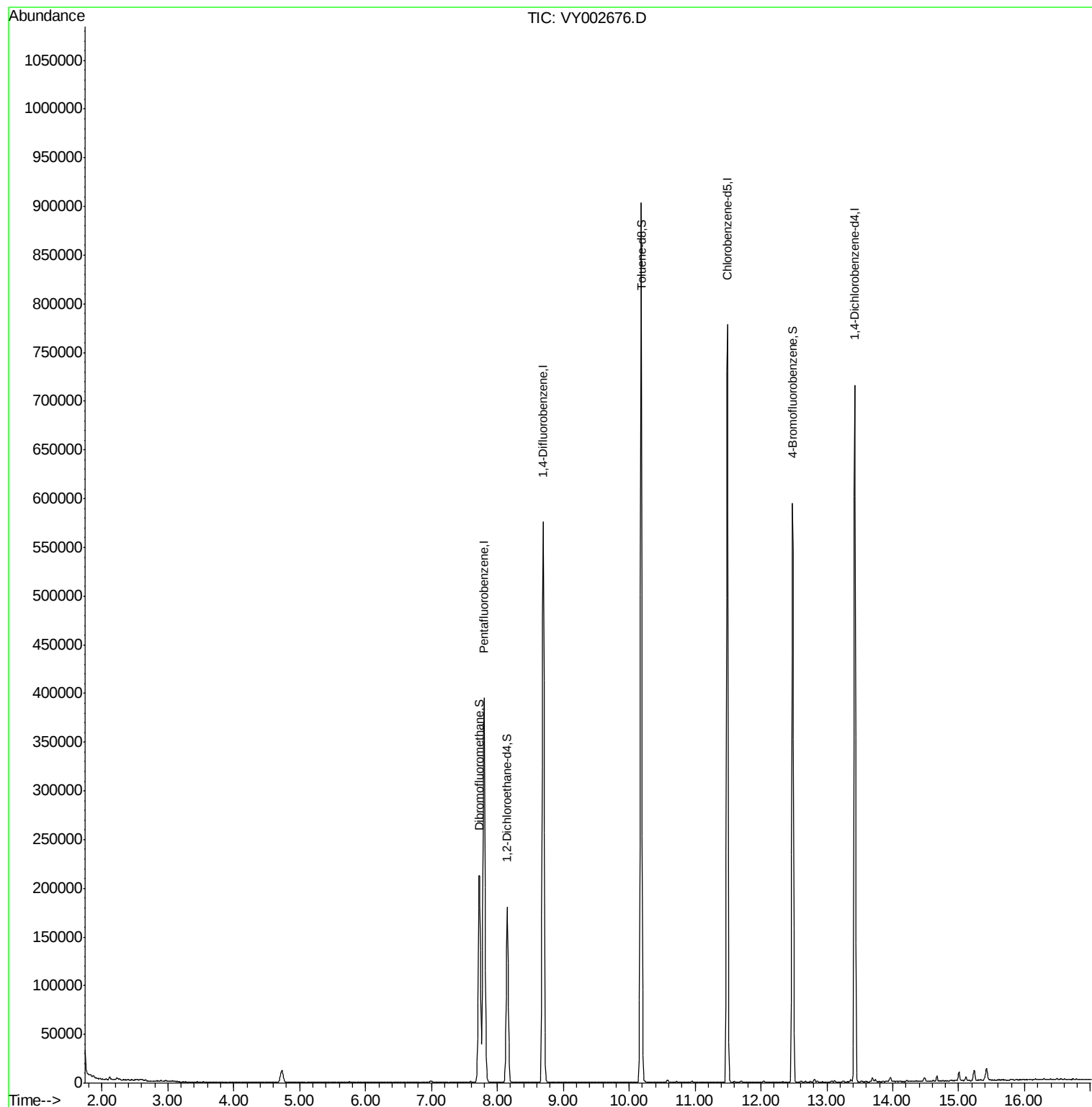
Target Compounds	Qvalue
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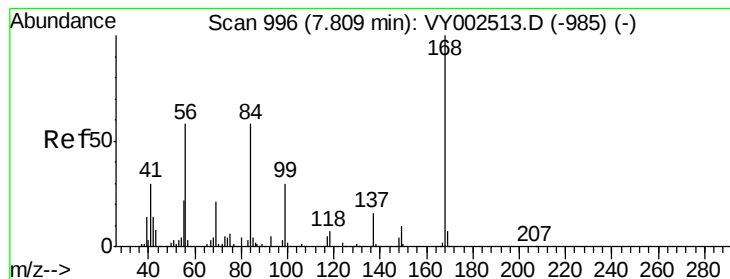
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002676.D

Acq: 13 May 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

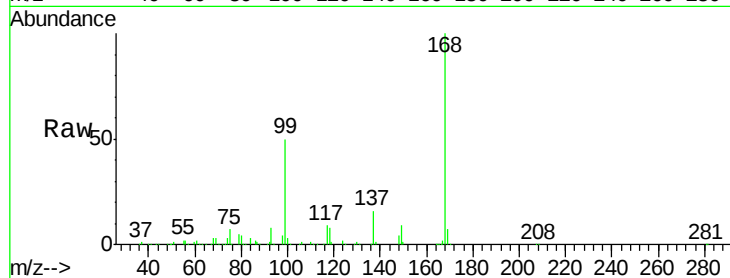
239992

Tot Ion:168 Resp: 335556

Ion Ratio Lower Upper

168 100

99 49.5 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

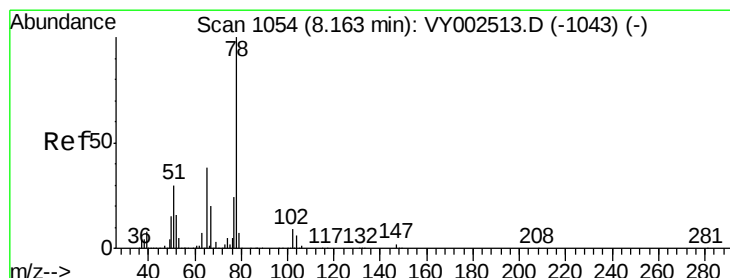
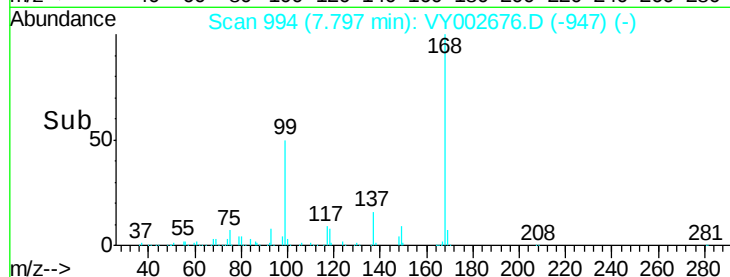
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.333 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002676.D

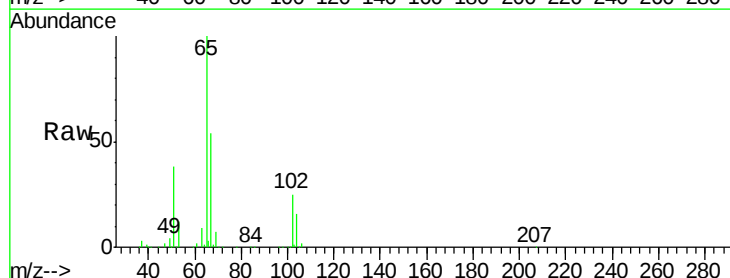
Acq: 13 May 2020 12:03

Tgt Ion: 65 Resp: 139190

Ion Ratio Lower Upper

65 100

67 54.8 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

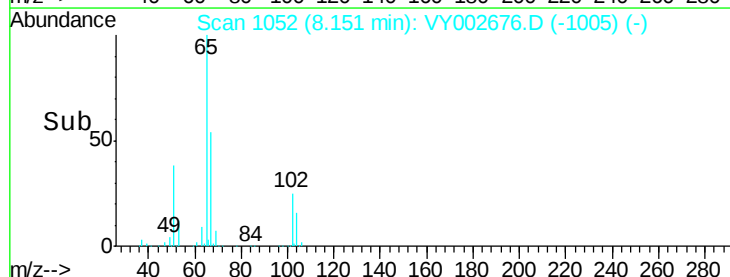
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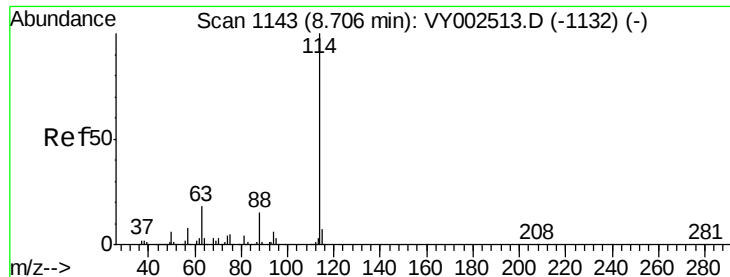
20000

0

8.10 8.20

Time-->

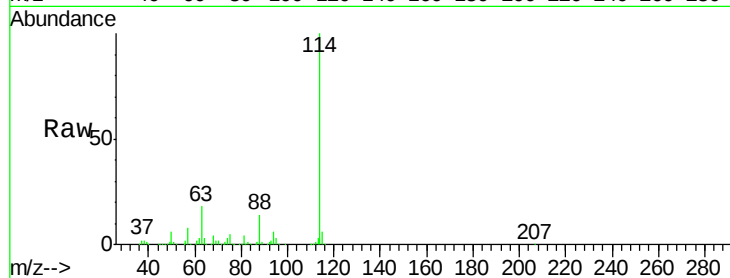




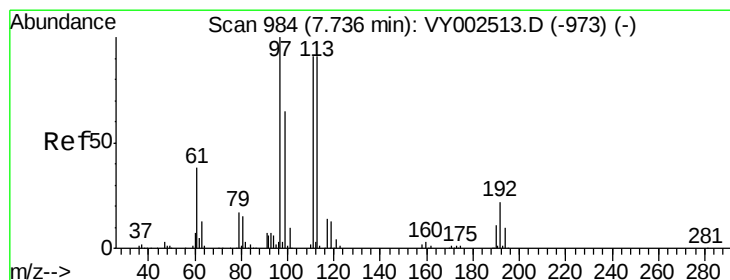
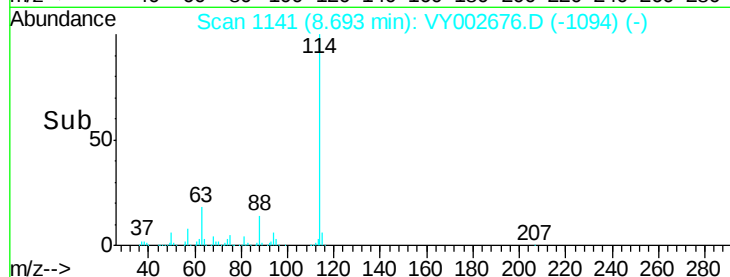
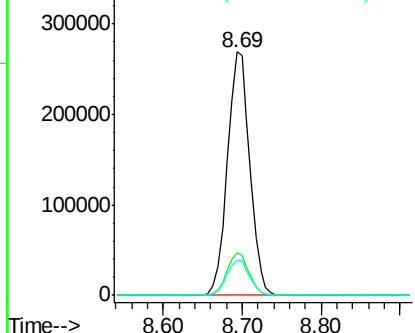
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY002676.D
 Acq: 13 May 2020 12:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 239992

Tot Ion:114 Resp: 527285
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 36.4
 88 14.2 0.0 29.6

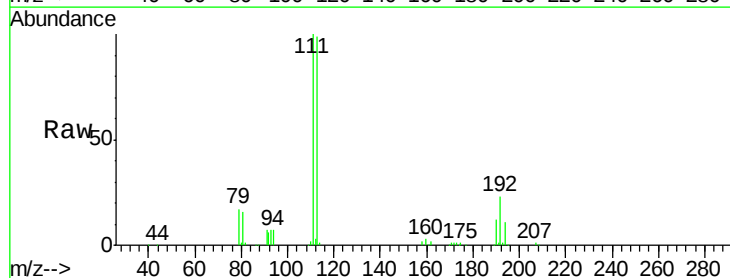


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

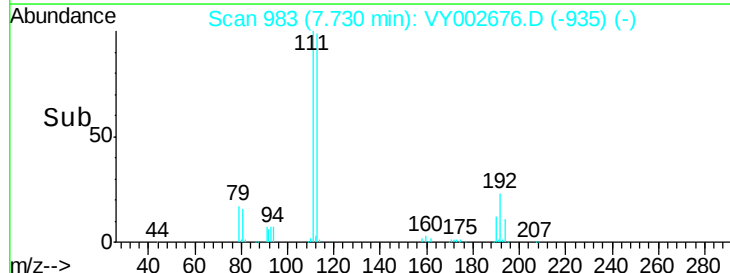
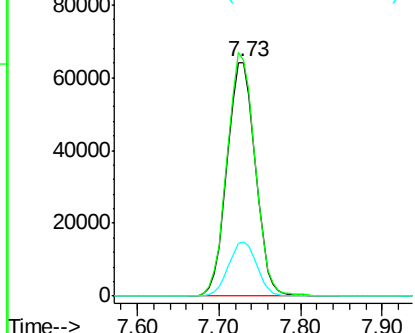


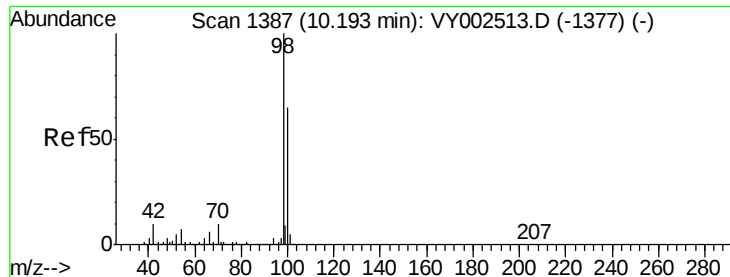
#35
 Dibromofluoromethane
 Concen: 51.160 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002676.D
 Acq: 13 May 2020 12:03

Tgt Ion:113 Resp: 154275
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.8 122.6
 192 23.1 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: 52.126 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002676.D

Acq: 13 May 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

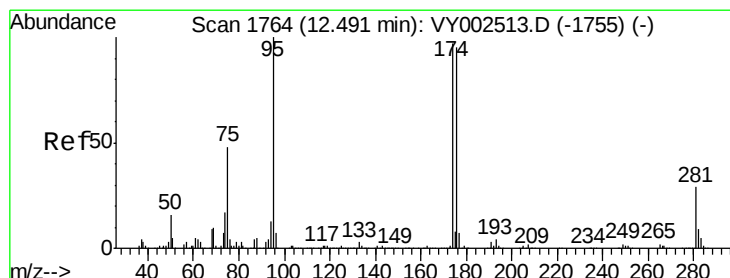
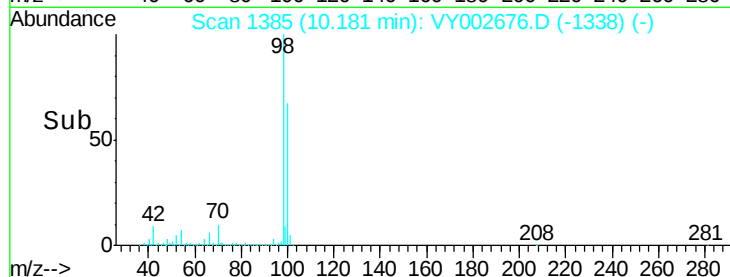
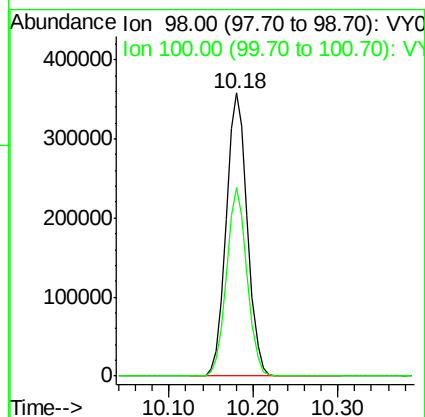
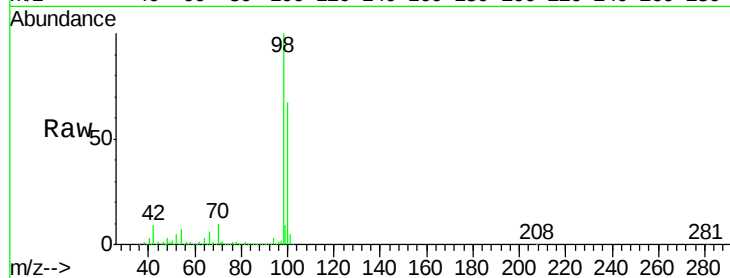
239992

Tot Ion: 98 Resp: 613842

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 45.673 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002676.D

Acq: 13 May 2020 12:03

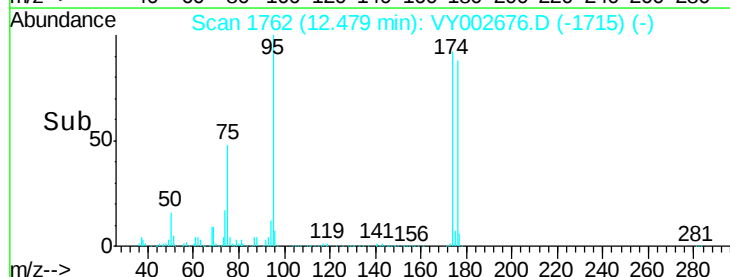
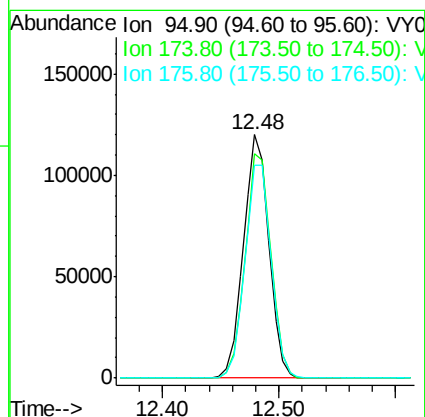
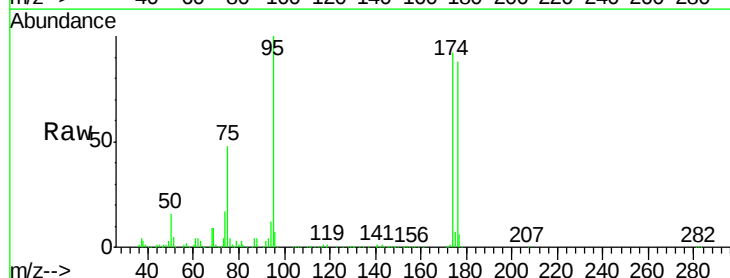
Tgt Ion: 95 Resp: 182508

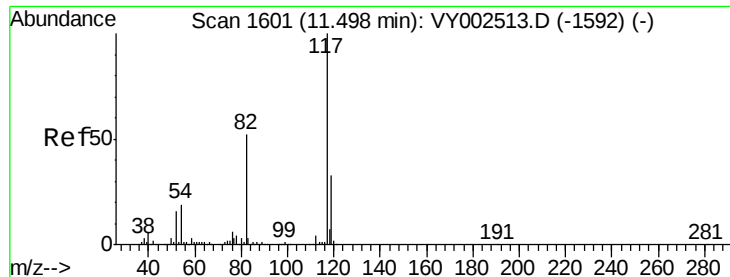
Ion Ratio Lower Upper

95 100

174 94.1 0.0 188.8

176 90.9 0.0 183.2

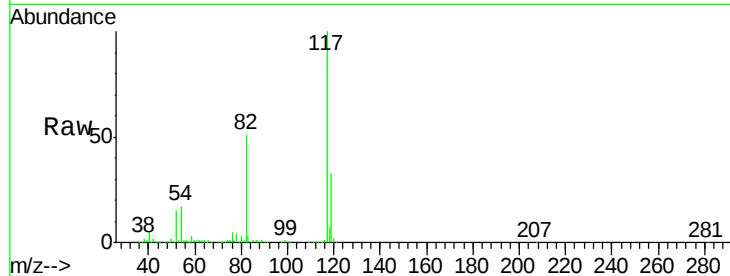




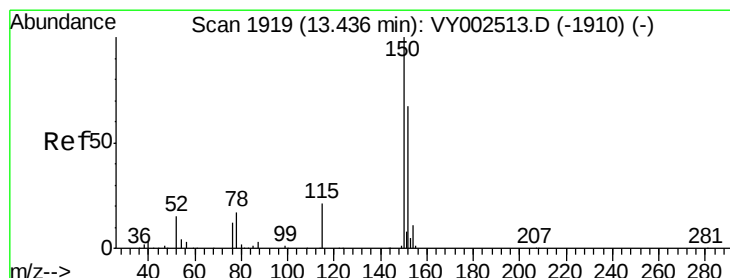
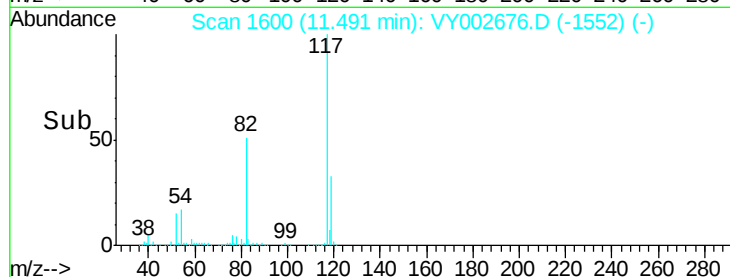
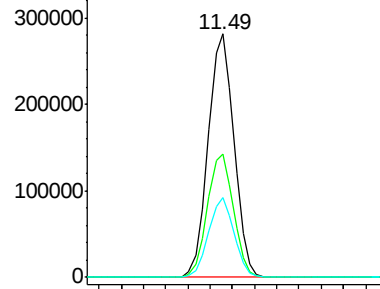
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002676.D
Acq: 13 May 2020 12:03

Instrument :
MSVOA_Y
ClientSampleId :
239992

Tot Ion:117 Resp: 452199
Ion Ratio Lower Upper
117 100
82 50.7 41.3 61.9
119 32.9 26.0 39.0

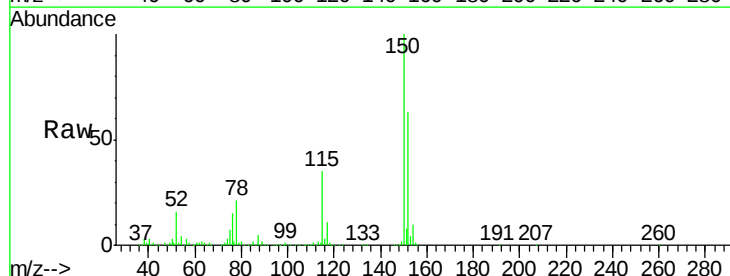


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002676.D
Acq: 13 May 2020 12:03

Tgt Ion:152 Resp: 196645
Ion Ratio Lower Upper
152 100
115 54.2 27.5 82.4
150 156.2 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

