

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002537.D
 Acq On : 04 May 2020 13:49
 Operator : SY/MD
 Sample : L2452-05
 Misc : 6.21G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 227

Quant Time: May 05 07:49:40 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	302934	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	494033	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	443049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	216437	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	154344	60.60	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	121.20%	
35) Dibromofluoromethane	7.72	113	150846	53.39	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	106.78%	
50) Toluene-d8	10.18	98	574067	52.03	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	104.06%	
62) 4-Bromofluorobenzene	12.48	95	186776	49.89	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	99.78%	

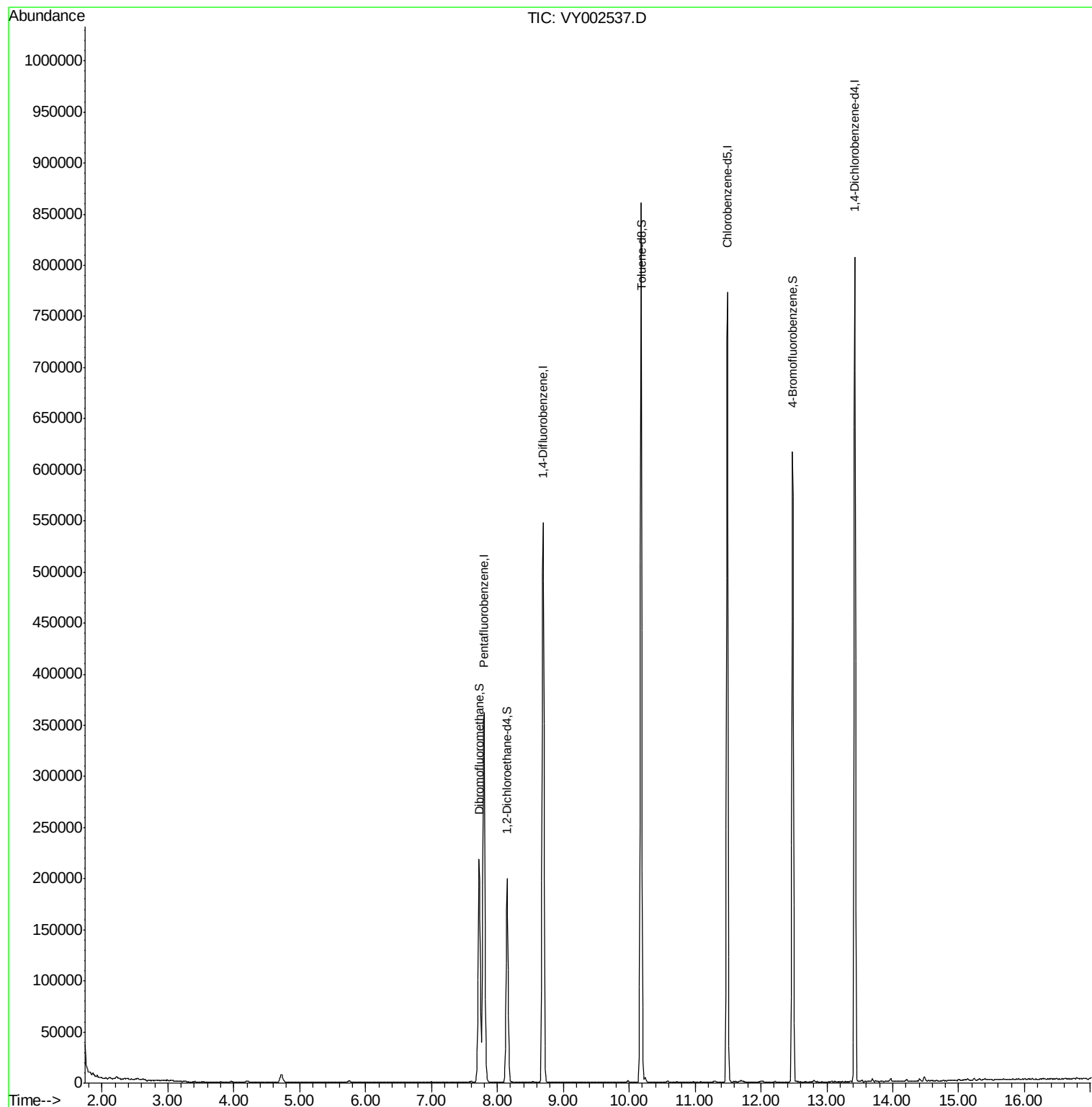
Target Compounds	Qvalue

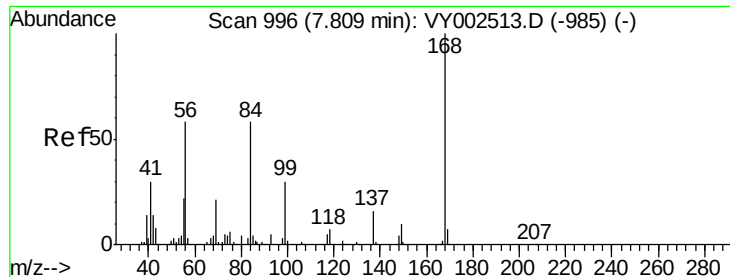
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002537.D

Acq: 04 May 2020 13:49

Instrument :

MSVOA_Y

ClientSampled :

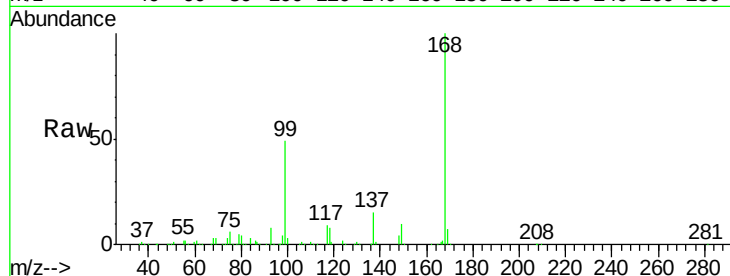
227

Tot Ion:168 Resp: 302934

Ion Ratio Lower Upper

168 100

99 49.2 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

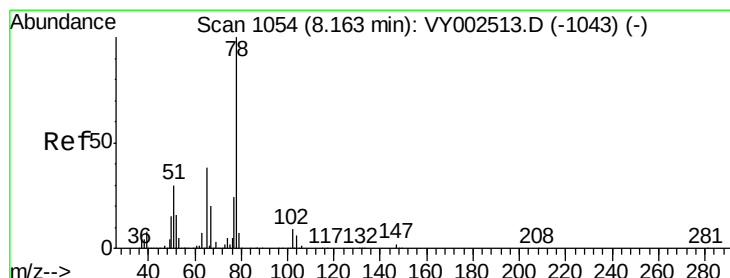
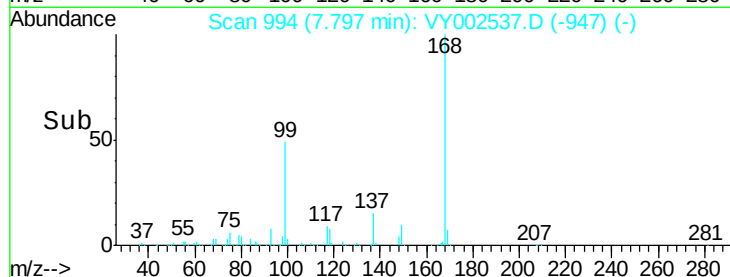
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 60.595 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002537.D

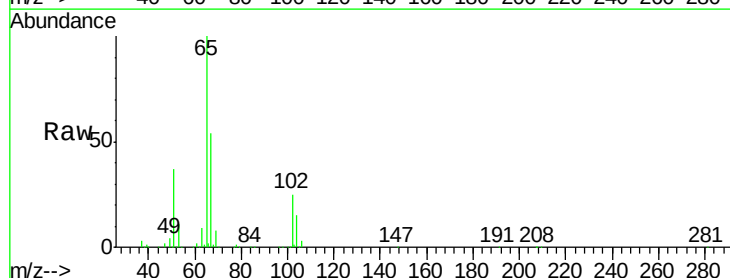
Acq: 04 May 2020 13:49

Tgt Ion: 65 Resp: 154344

Ion Ratio Lower Upper

65 100

67 53.4 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

80000

60000

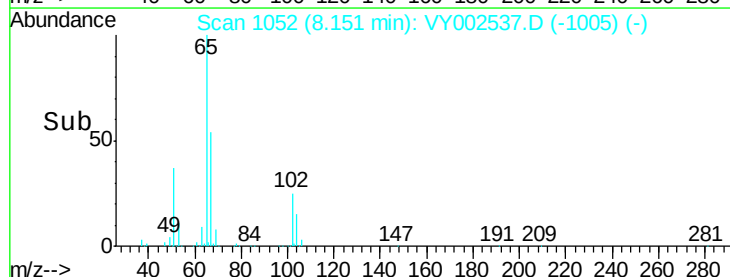
40000

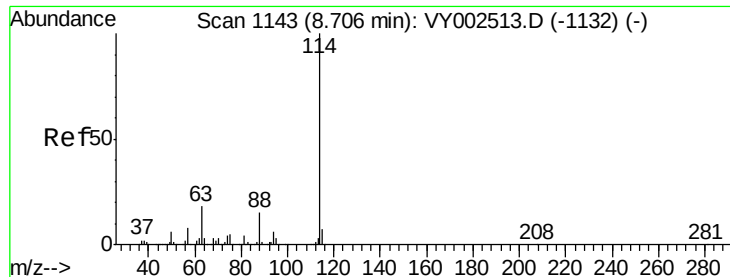
20000

0

8.10 8.20

Time-->

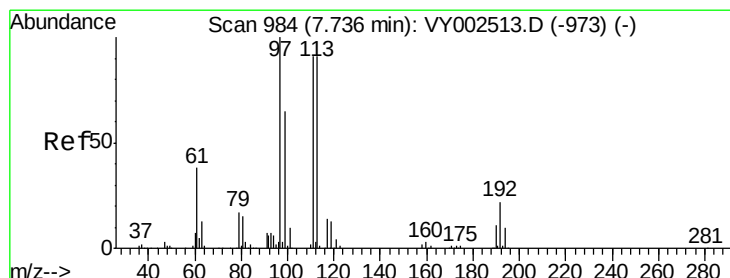
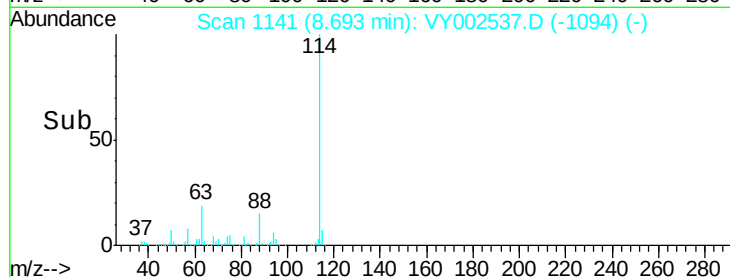
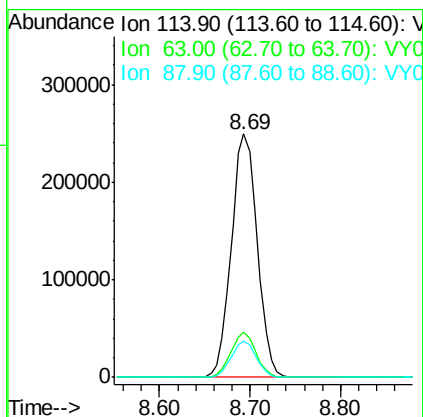
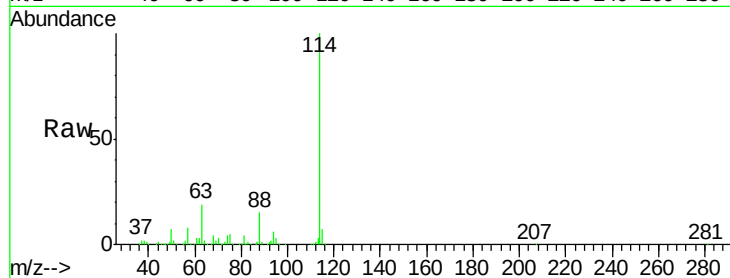




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY002537.D
 Acq: 04 May 2020 13:49

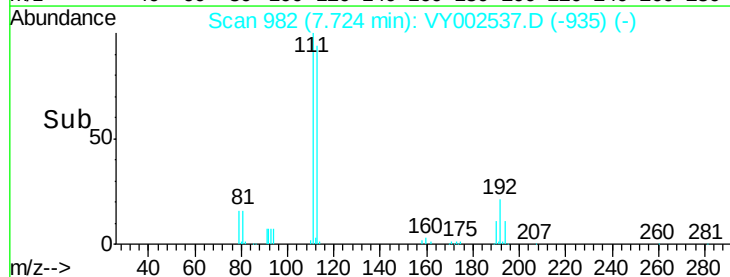
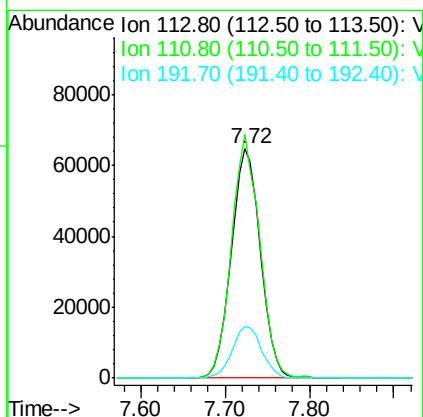
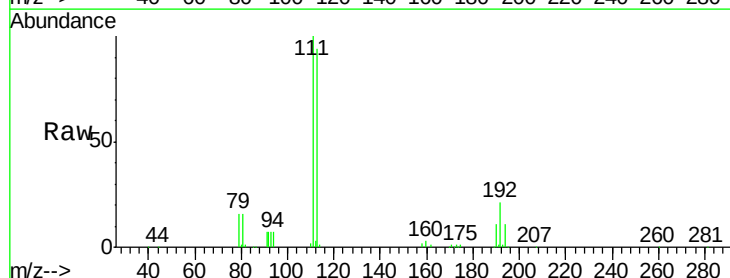
Instrument :
 MSVOA_Y
 ClientSampleId :
 227

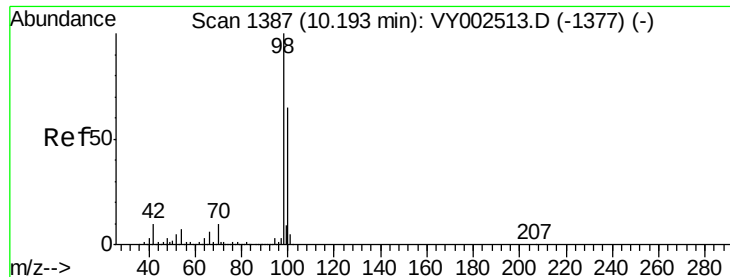
Tot Ion:114 Resp: 494033
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 36.4
 88 14.7 0.0 29.6



#35
 Dibromofluoromethane
 Concen: 53.389 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002537.D
 Acq: 04 May 2020 13:49

Tgt Ion:113 Resp: 150846
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.8 122.6
 192 22.8 18.2 27.4





#50

Toluene-d8

Concen: 52.029 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002537.D

Acq: 04 May 2020 13:49

Instrument :

MSVOA_Y

ClientSampleId :

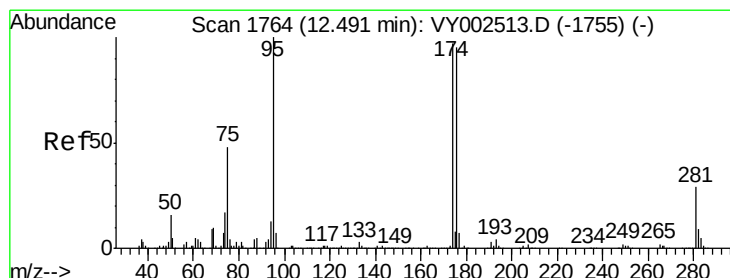
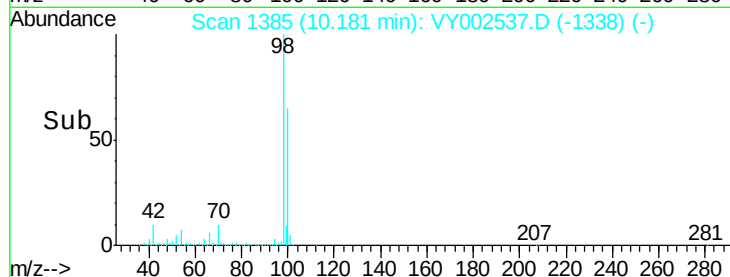
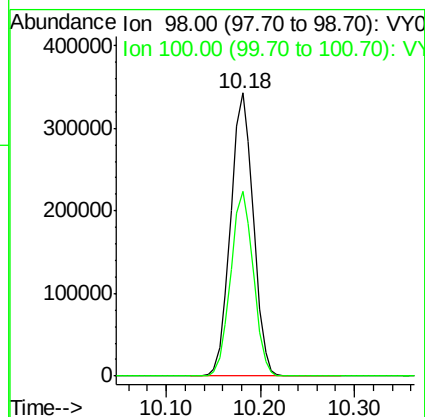
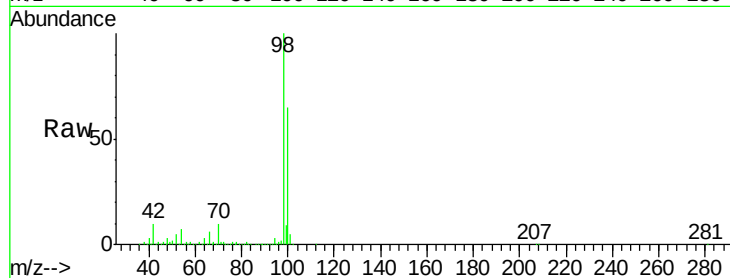
227

Tot Ion: 98 Resp: 574067

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 49.887 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002537.D

Acq: 04 May 2020 13:49

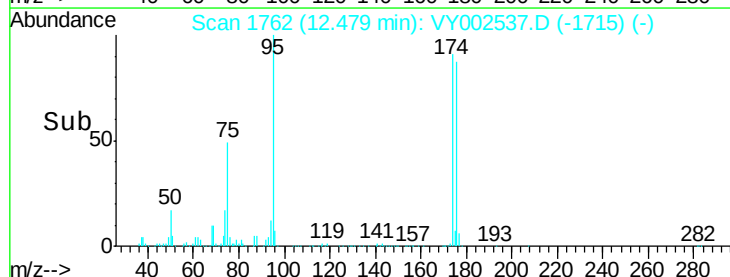
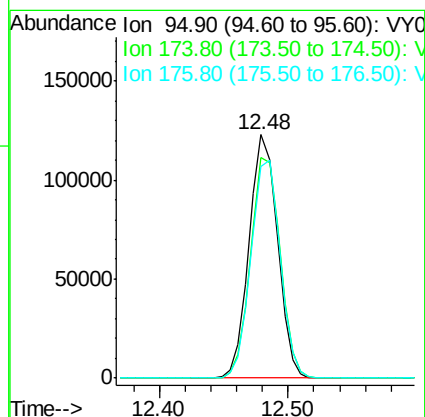
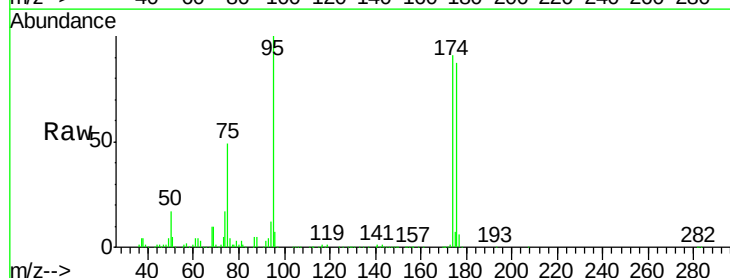
Tgt Ion: 95 Resp: 186776

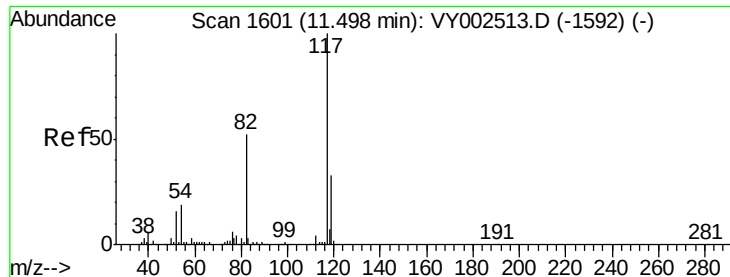
Ion Ratio Lower Upper

95 100

174 94.2 0.0 188.8

176 92.0 0.0 183.2

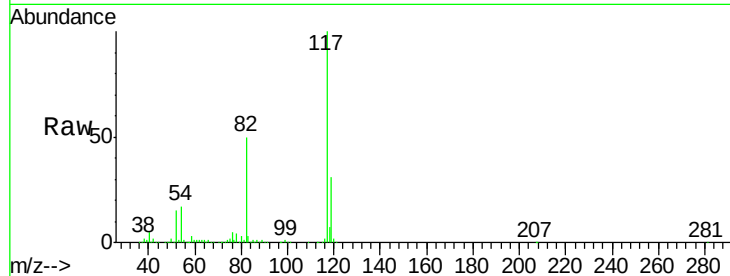




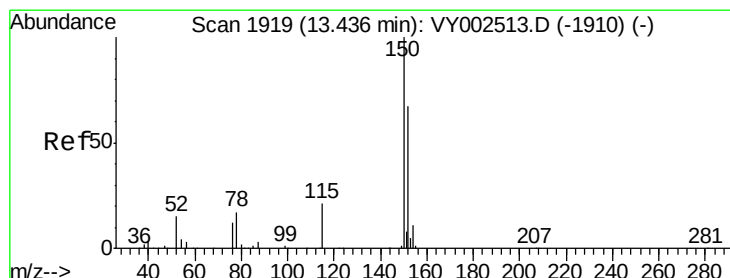
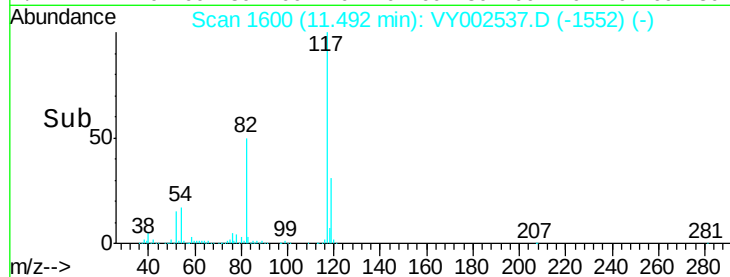
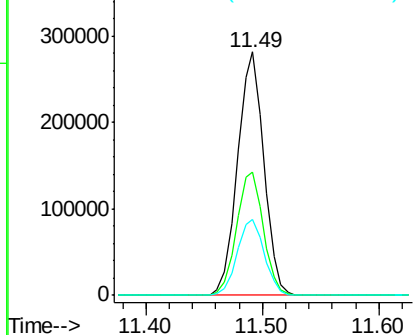
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002537.D
Acq: 04 May 2020 13:49

Instrument :
MSVOA_Y
ClientSampled :
227

Tot Ion:117 Resp: 443049
Ion Ratio Lower Upper
117 100
82 50.5 41.3 61.9
119 31.3 26.0 39.0

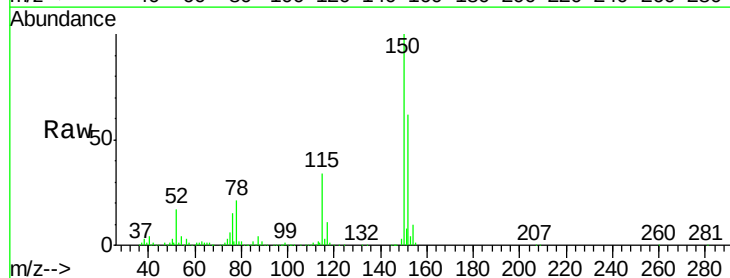


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002537.D
Acq: 04 May 2020 13:49

Tgt Ion:152 Resp: 216437
Ion Ratio Lower Upper
152 100
115 54.9 27.5 82.4
150 156.7 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

