

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051220\
 Data File : VY002662.D
 Acq On : 12 May 2020 12:47
 Operator : SY/MD
 Sample : L2575-01
 Misc : 7.24G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-28

Quant Time: May 13 02:44:29 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	39442	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	51420	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	32613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	8853	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	8804	26.55	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	53.10%	
35) Dibromofluoromethane	7.73	113	11359	38.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.26%	
50) Toluene-d8	10.18	98	55177	48.05	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	96.10%	
62) 4-Bromofluorobenzene	12.48	95	10341	26.54	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	53.08%	

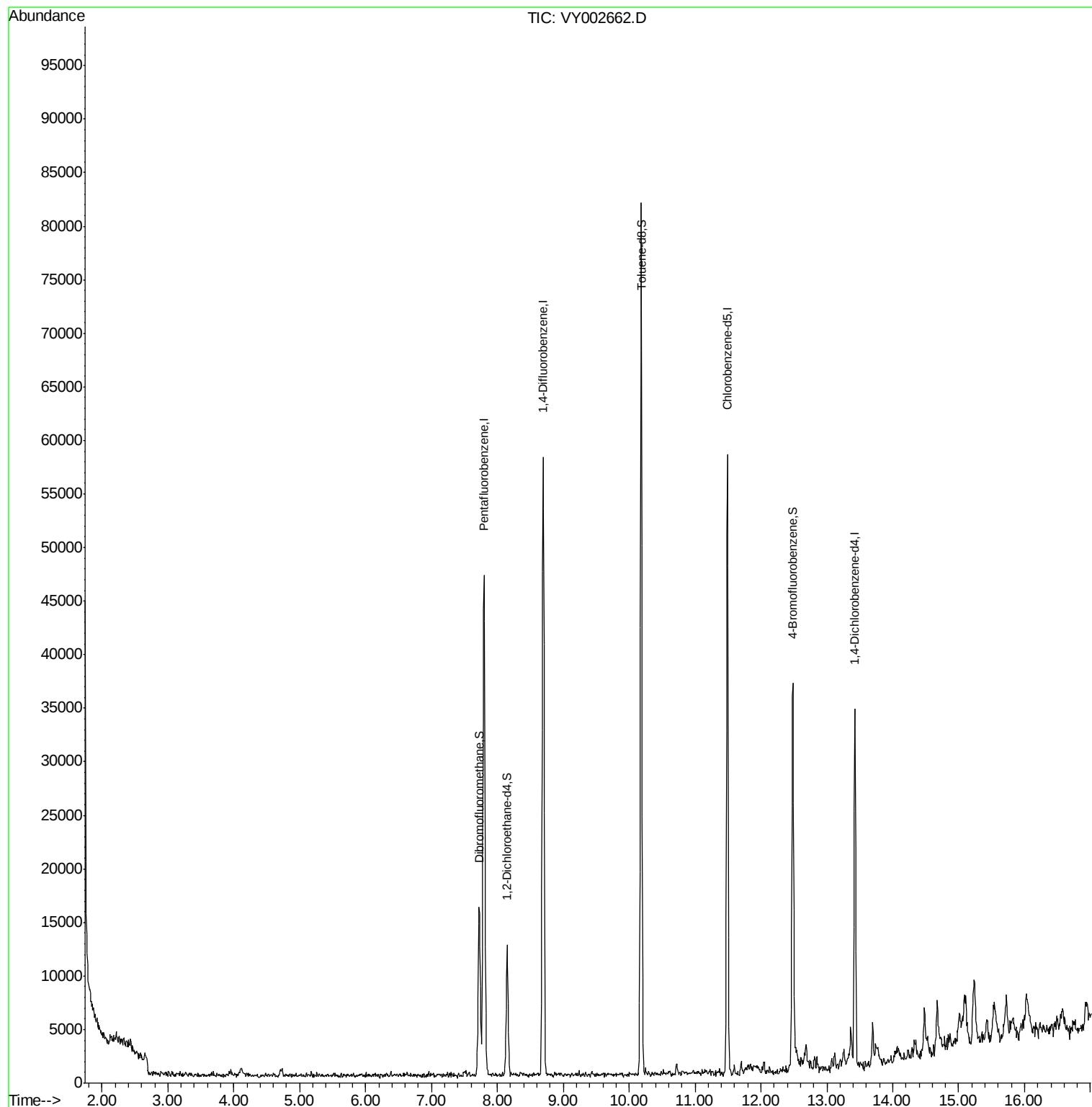
Target Compounds	Qvalue

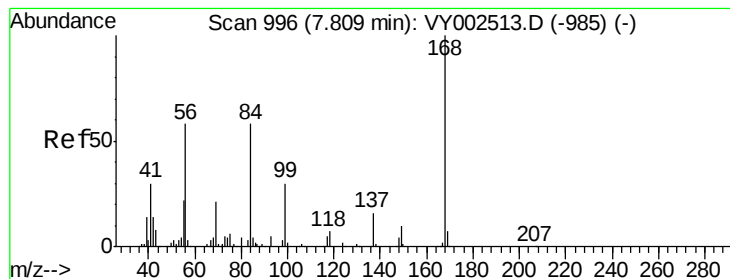
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002662.D

Acq: 12 May 2020 12:47

Instrument :

MSVOA_Y

ClientSampled :

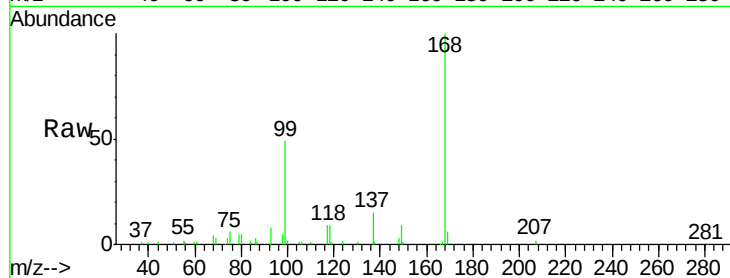
TP-28

Tot Ion:168 Resp: 39442

Ion Ratio Lower Upper

168 100

99 48.7 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

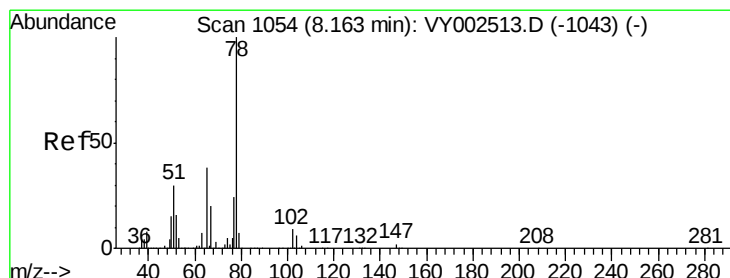
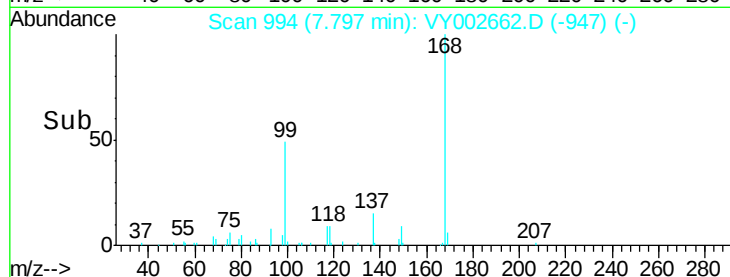
15000

10000

5000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 26.547 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002662.D

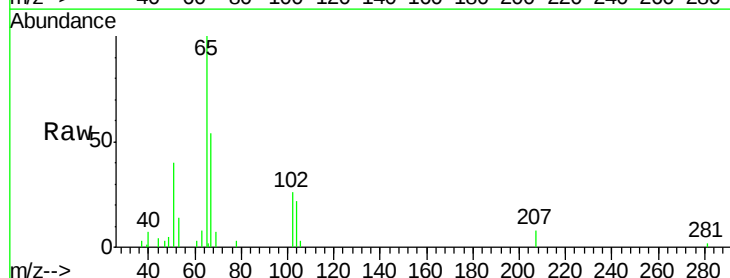
Acq: 12 May 2020 12:47

Tgt Ion: 65 Resp: 8804

Ion Ratio Lower Upper

65 100

67 53.3 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

4000

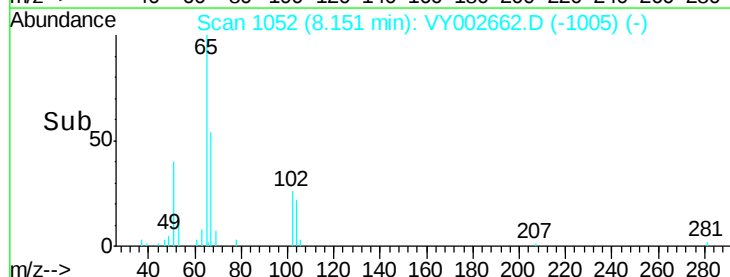
3000

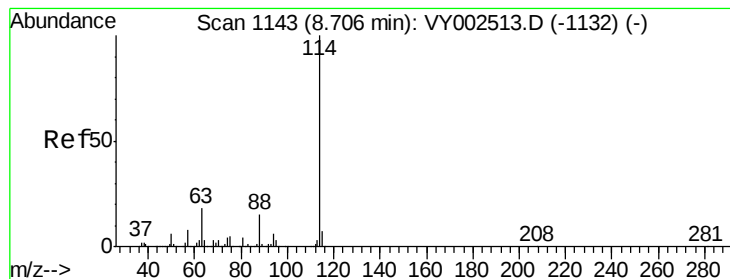
2000

1000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY002662.D

Acq: 12 May 2020 12:47

Instrument :

MSVOA_Y

ClientSampleId :

TP-28

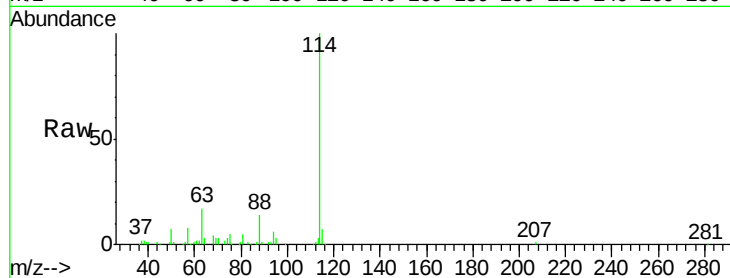
Tot Ion:114 Resp: 51420

Ion Ratio Lower Upper

114 100

63 17.2 0.0 36.4

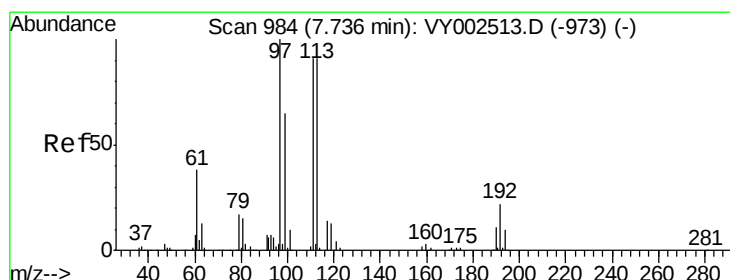
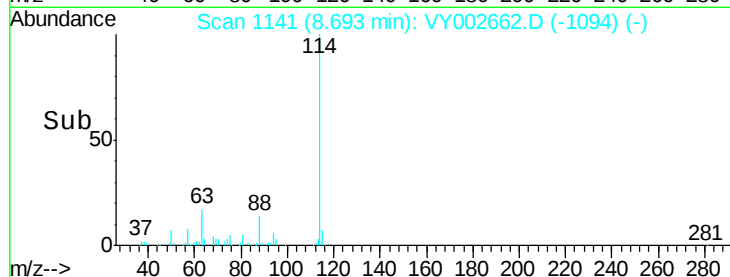
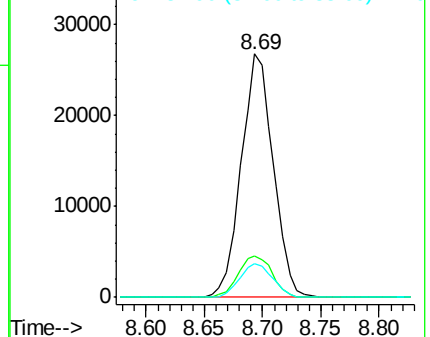
88 14.0 0.0 29.6



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: 38.627 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002662.D

Acq: 12 May 2020 12:47

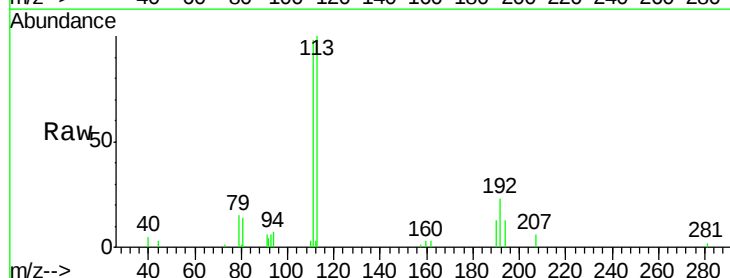
Tgt Ion:113 Resp: 11359

Ion Ratio Lower Upper

113 100

111 103.8 81.8 122.6

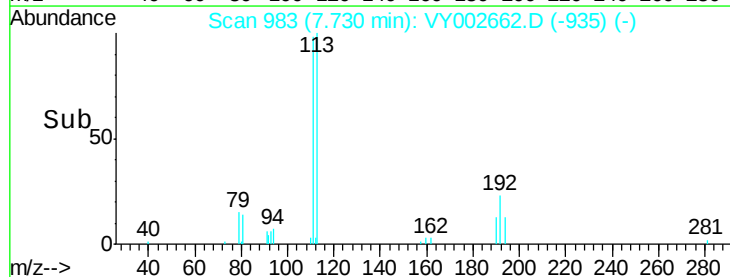
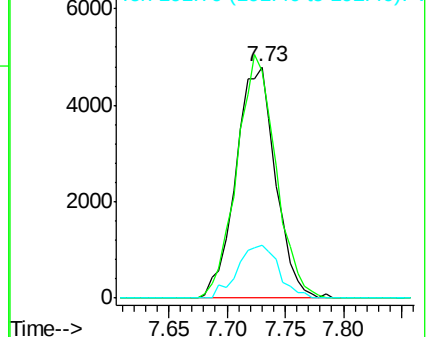
192 23.7 18.2 27.4

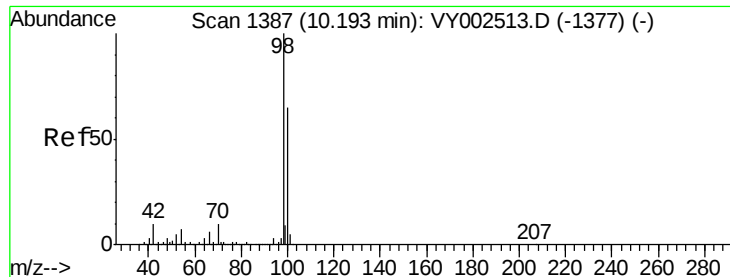


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.047 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002662.D

Acq: 12 May 2020 12:47

Instrument :

MSVOA_Y

ClientSampleId :

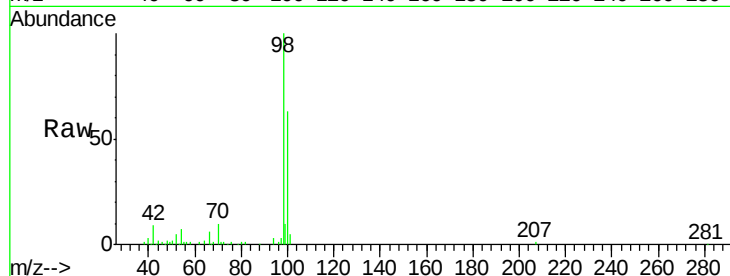
TP-28

Tot Ion: 98 Resp: 55177

Ion Ratio Lower Upper

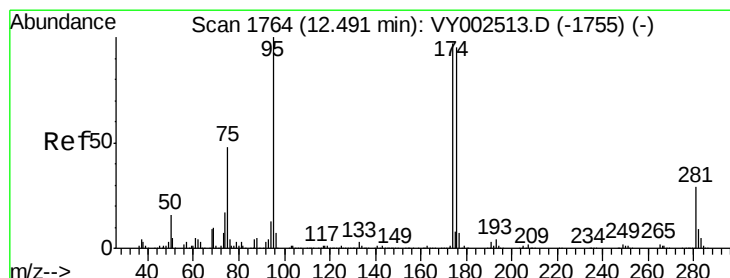
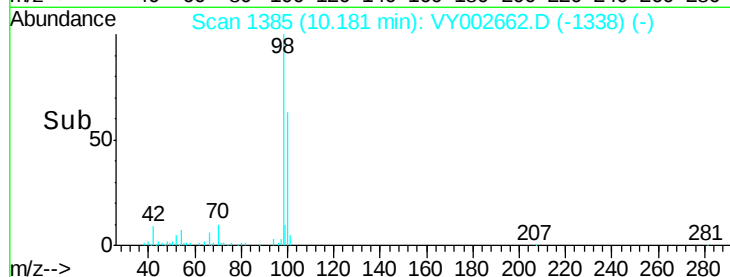
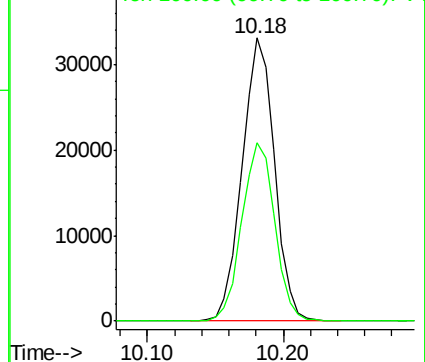
98 100

100 63.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 26.537 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002662.D

Acq: 12 May 2020 12:47

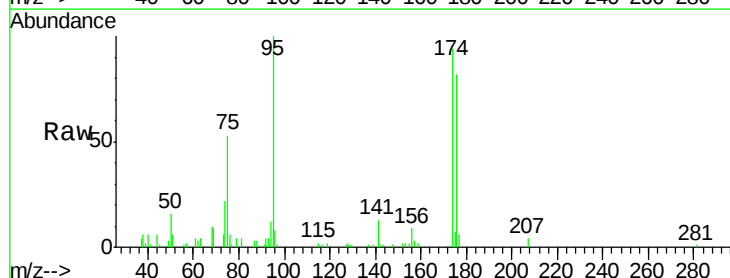
Tgt Ion: 95 Resp: 10341

Ion Ratio Lower Upper

95 100

174 97.4 0.0 188.8

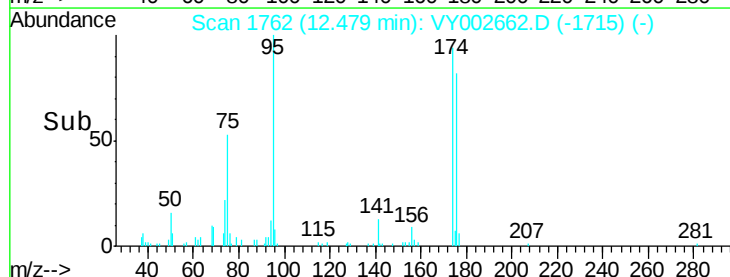
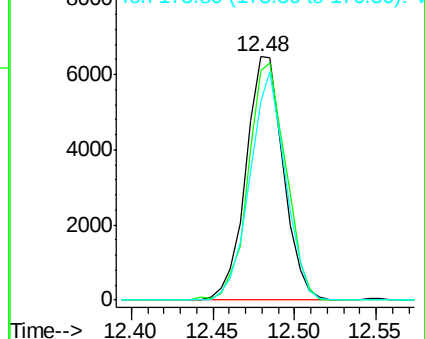
176 88.7 0.0 183.2

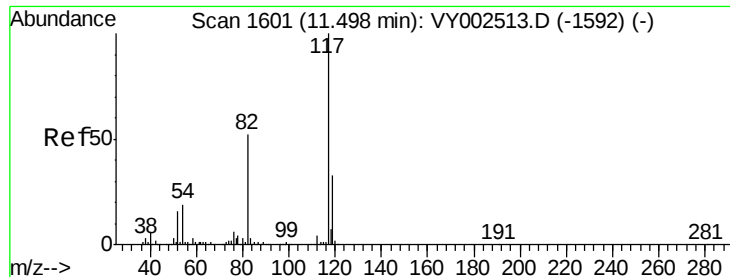


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

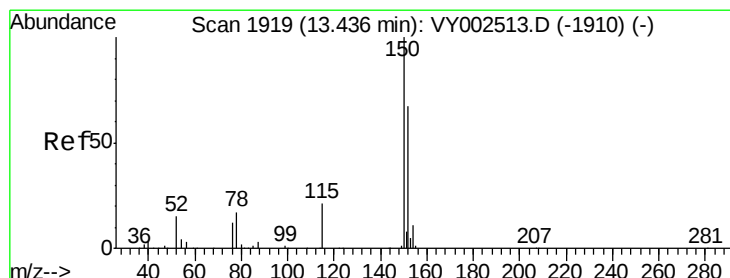
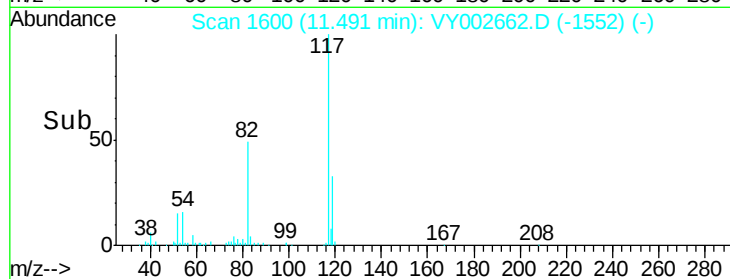
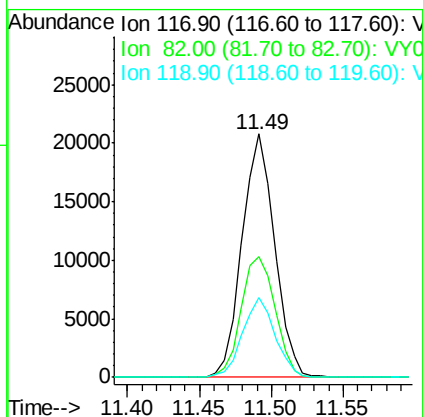
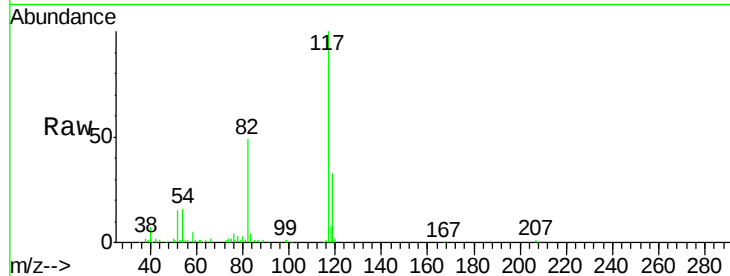




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002662.D
Acq: 12 May 2020 12:47

Instrument :
MSVOA_Y
ClientSampled :
TP-28

Tot Ion:117 Resp: 32613
Ion Ratio Lower Upper
117 100
82 49.5 41.3 61.9
119 32.6 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: VY002662.D
Acq: 12 May 2020 12:47

Tgt Ion:152 Resp: 8853
Ion Ratio Lower Upper
152 100
115 55.2 27.5 82.4
150 160.0 0.0 346.4

