

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050520\
 Data File : VY002581.D
 Acq On : 05 May 2020 13:14
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: May 06 06:53:16 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

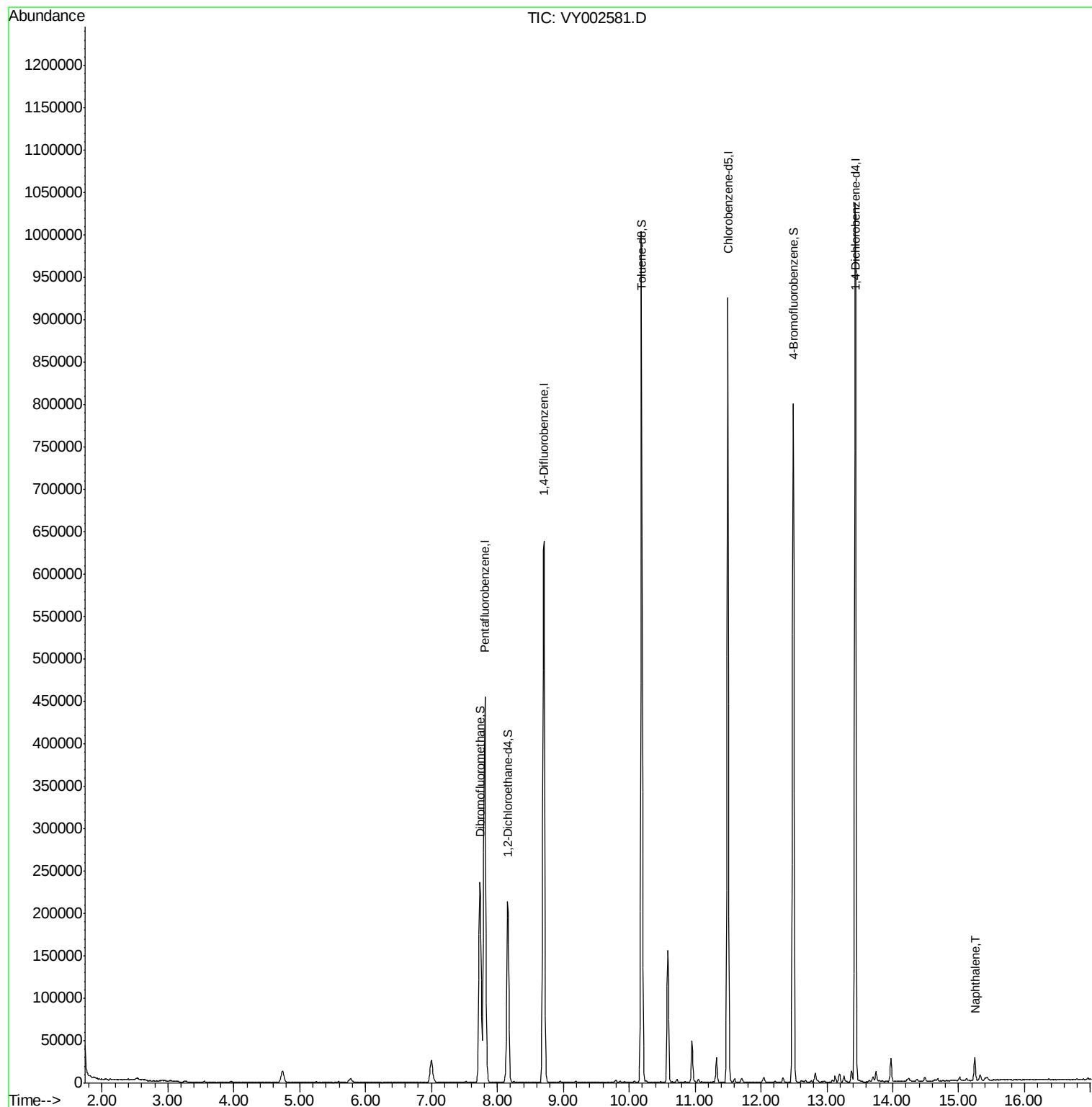
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	387607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	587403	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	528632	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	276442	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	162214	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
35) Dibromofluoromethane	7.74	113	170641	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.60%	
50) Toluene-d8	10.19	98	672971	51.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.60%	
62) 4-Bromofluorobenzene	12.49	95	229568	51.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.14%	
Target Compounds						
95) Naphthalene	15.24	128	23614	2.359	ug/l	Qvalue 98

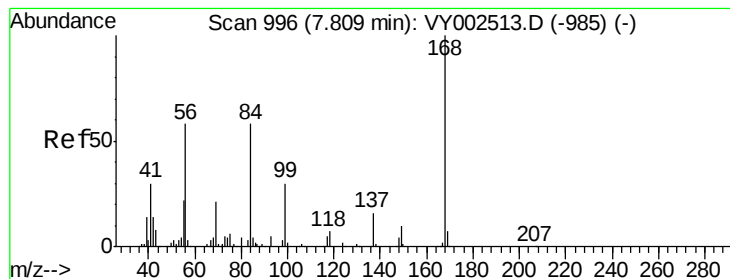
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY002581.D

Acq: 05 May 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

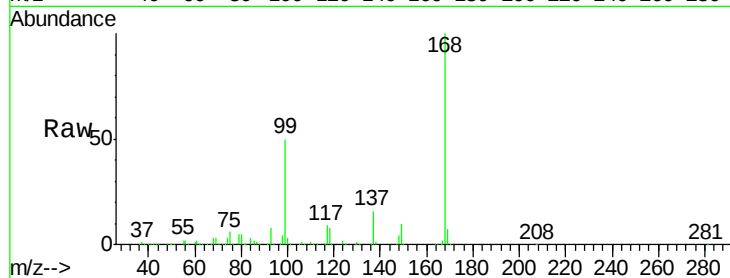
VIBLK

Tot Ion:168 Resp: 387607

Ion Ratio Lower Upper

168 100

99 49.7 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) (-)

7.81

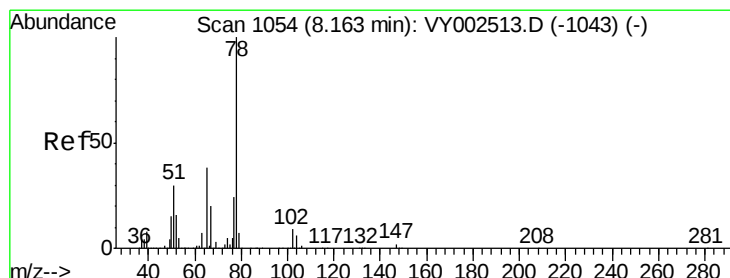
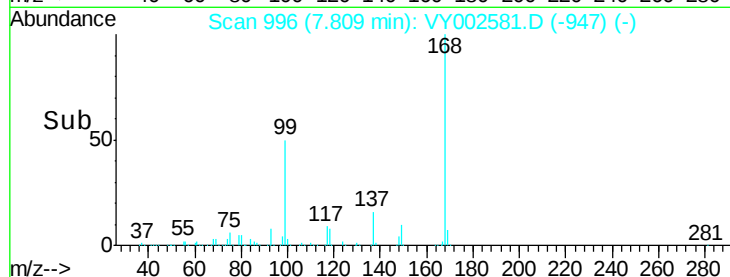
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.773 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002581.D

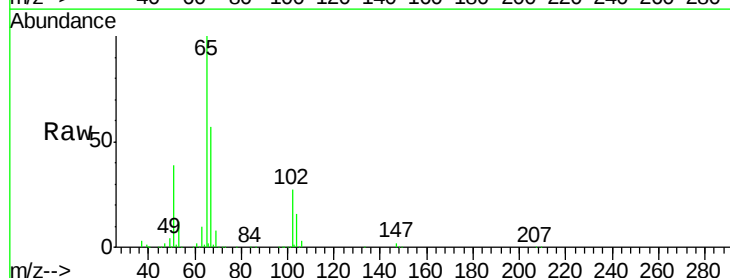
Acq: 05 May 2020 13:14

Tgt Ion: 65 Resp: 162214

Ion Ratio Lower Upper

65 100

67 54.6 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) (-)

8.16

80000

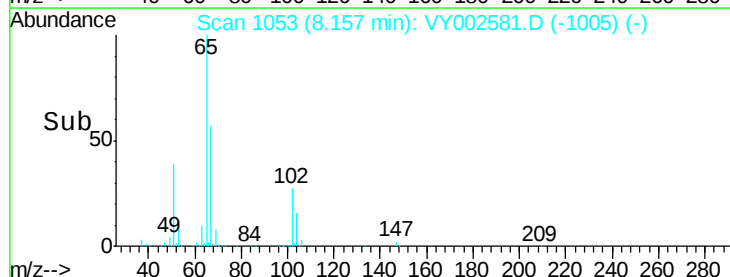
60000

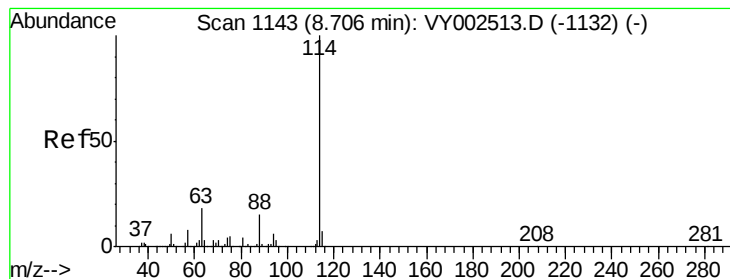
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.00 min

Lab File: VY002581.D

Acq: 05 May 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

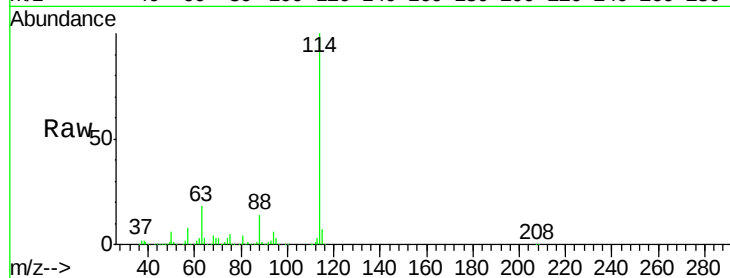
Tot Ion:114 Resp: 587403

Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.4

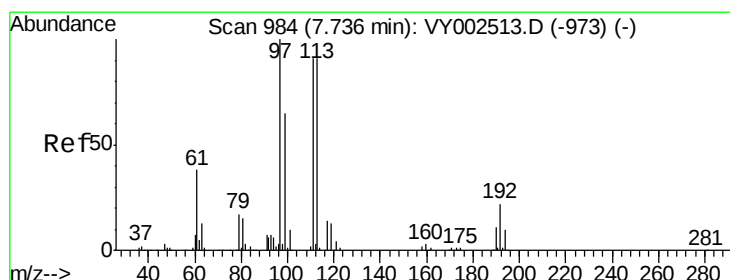
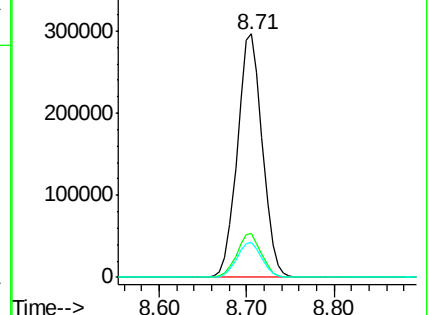
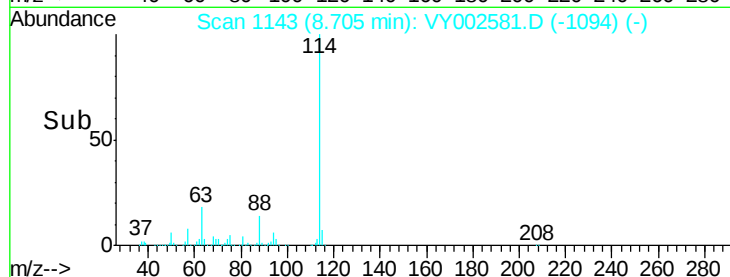
88 14.5 0.0 29.6



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: 50.795 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.00 min

Lab File: VY002581.D

Acq: 05 May 2020 13:14

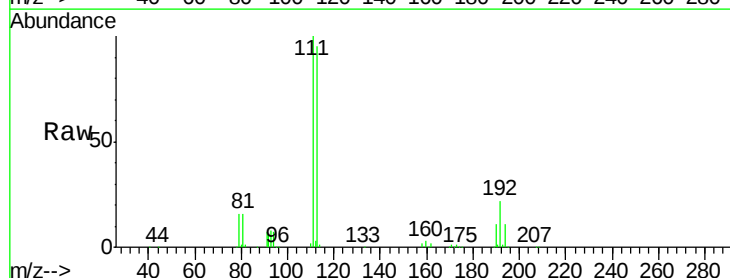
Tgt Ion:113 Resp: 170641

Ion Ratio Lower Upper

113 100

111 102.8 81.8 122.6

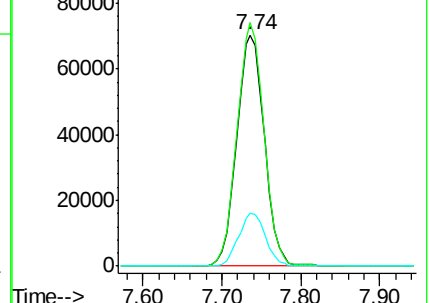
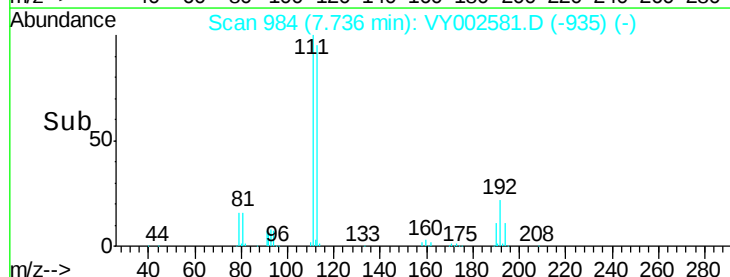
192 22.5 18.2 27.4

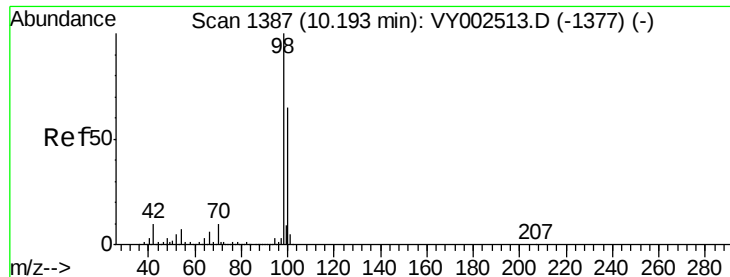


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.298 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY002581.D

Acq: 05 May 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

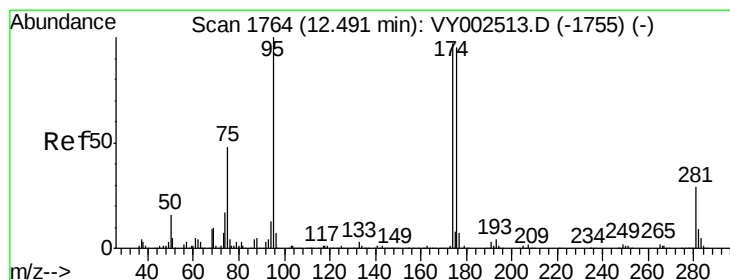
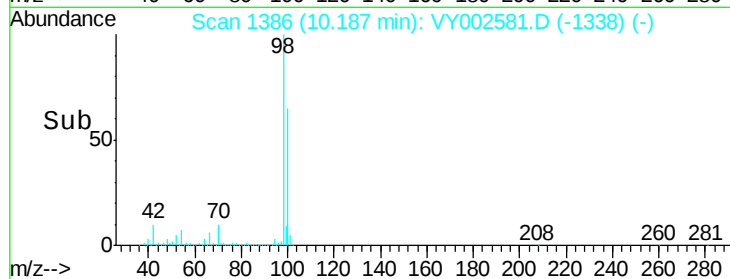
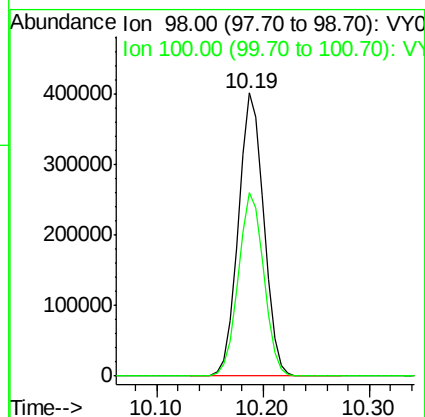
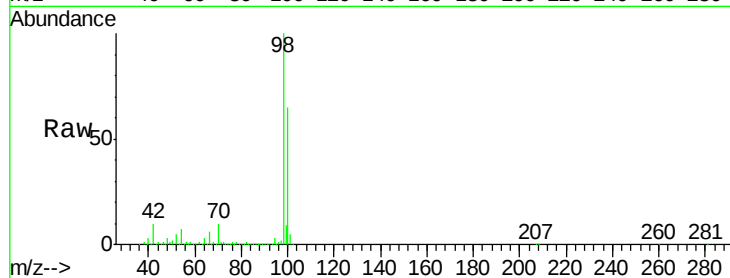
VIBLK

Tot Ion: 98 Resp: 672971

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 51.570 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002581.D

Acq: 05 May 2020 13:14

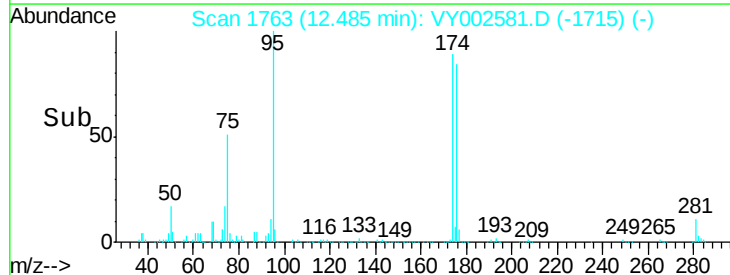
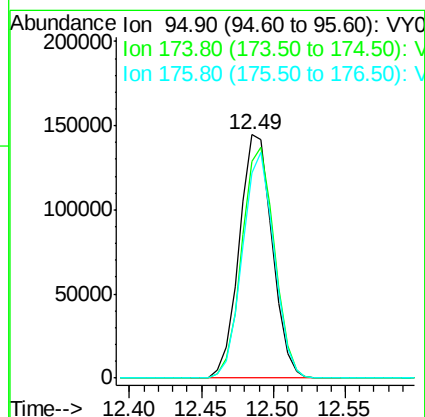
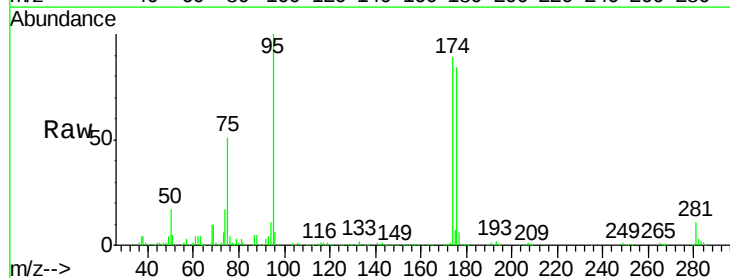
Tgt Ion: 95 Resp: 229568

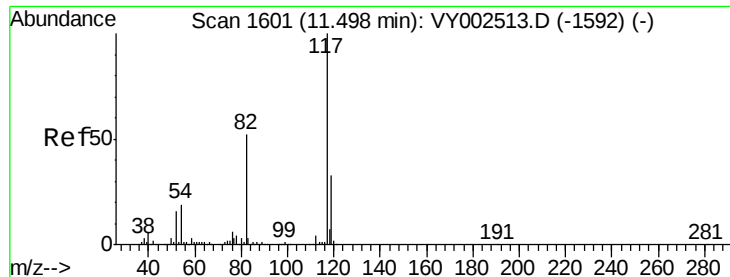
Ion Ratio Lower Upper

95 100

174 93.4 0.0 188.8

176 89.2 0.0 183.2

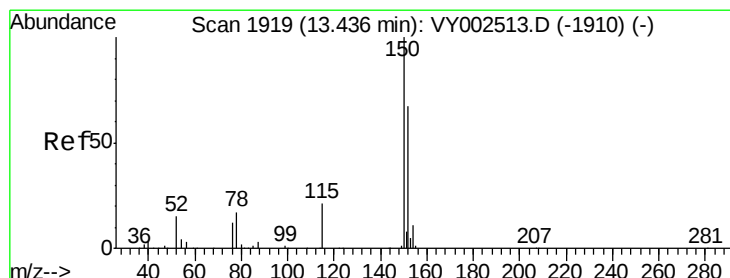
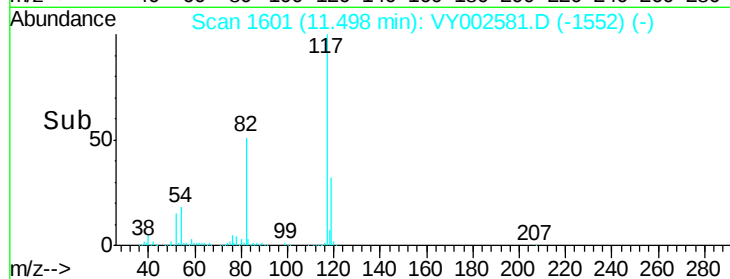
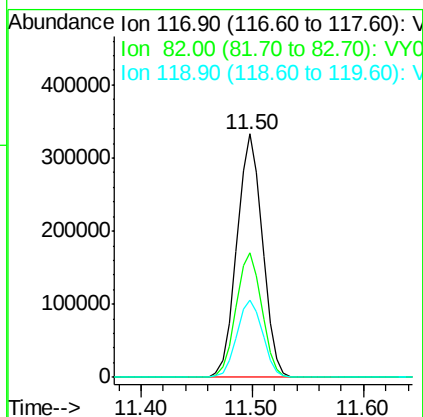
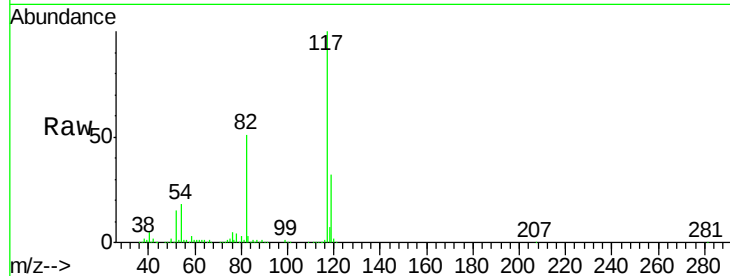




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002581.D
Acq: 05 May 2020 13:14

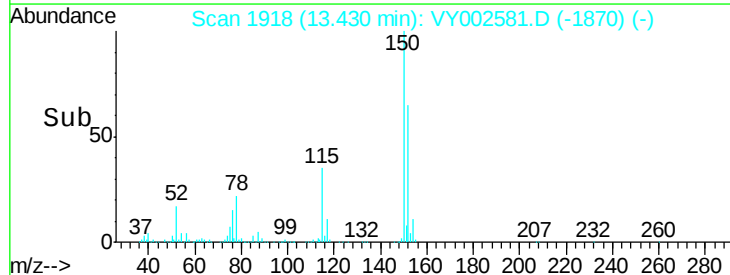
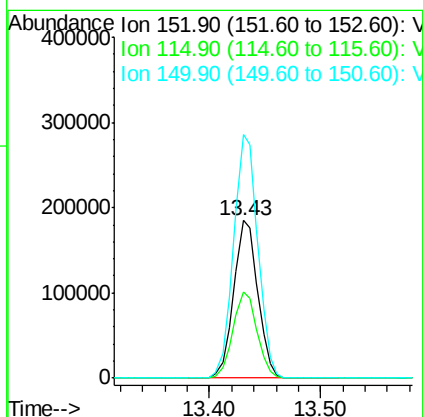
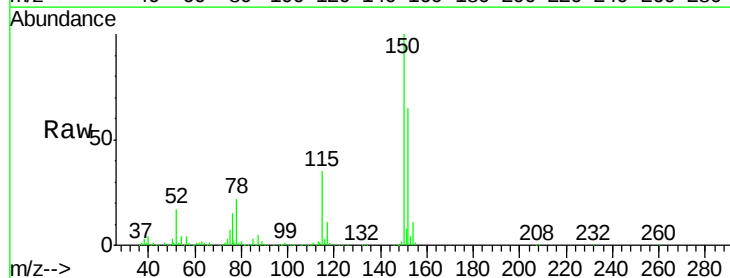
Instrument :
MSVOA_Y
ClientSampled :
VIBLK

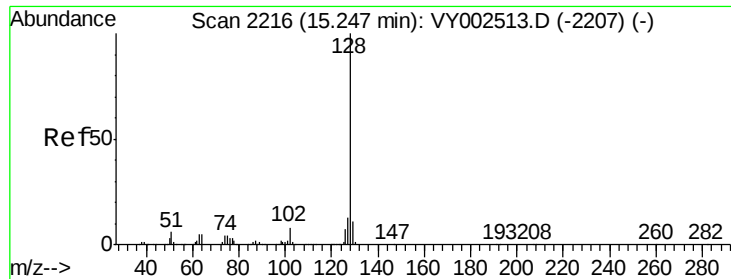
Tot Ion:117 Resp: 528632
Ion Ratio Lower Upper
117 100
82 51.3 41.3 61.9
119 31.7 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002581.D
Acq: 05 May 2020 13:14

Tgt Ion:152 Resp: 276442
Ion Ratio Lower Upper
152 100
115 54.7 27.5 82.4
150 155.7 0.0 346.4





#95

Naphthalene

Concen: 2.359 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY002581.D

Acq: 05 May 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

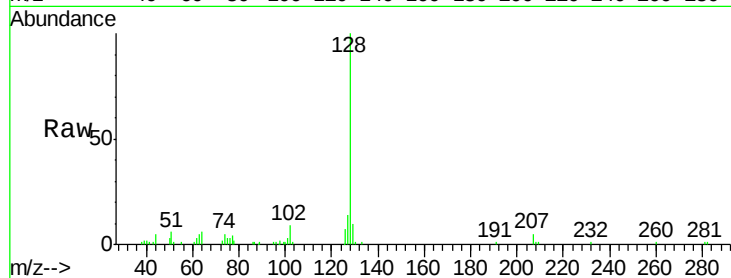
Tot Ion:128 Resp: 23614

Ion Ratio Lower Upper

128 100

127 14.2 10.5 15.7

129 10.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

