

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050520\
 Data File : VY002588.D
 Acq On : 05 May 2020 15:51
 Operator : SY/MD
 Sample : L2473-02
 Misc : 5.03G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: May 06 07:30:54 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	347815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	551398	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	506549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	255205	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	168366	57.57	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	115.14%	
35) Dibromofluoromethane	7.73	113	169912	53.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.76%	
50) Toluene-d8	10.19	98	642709	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	
62) 4-Bromofluorobenzene	12.49	95	222329	53.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.42%	

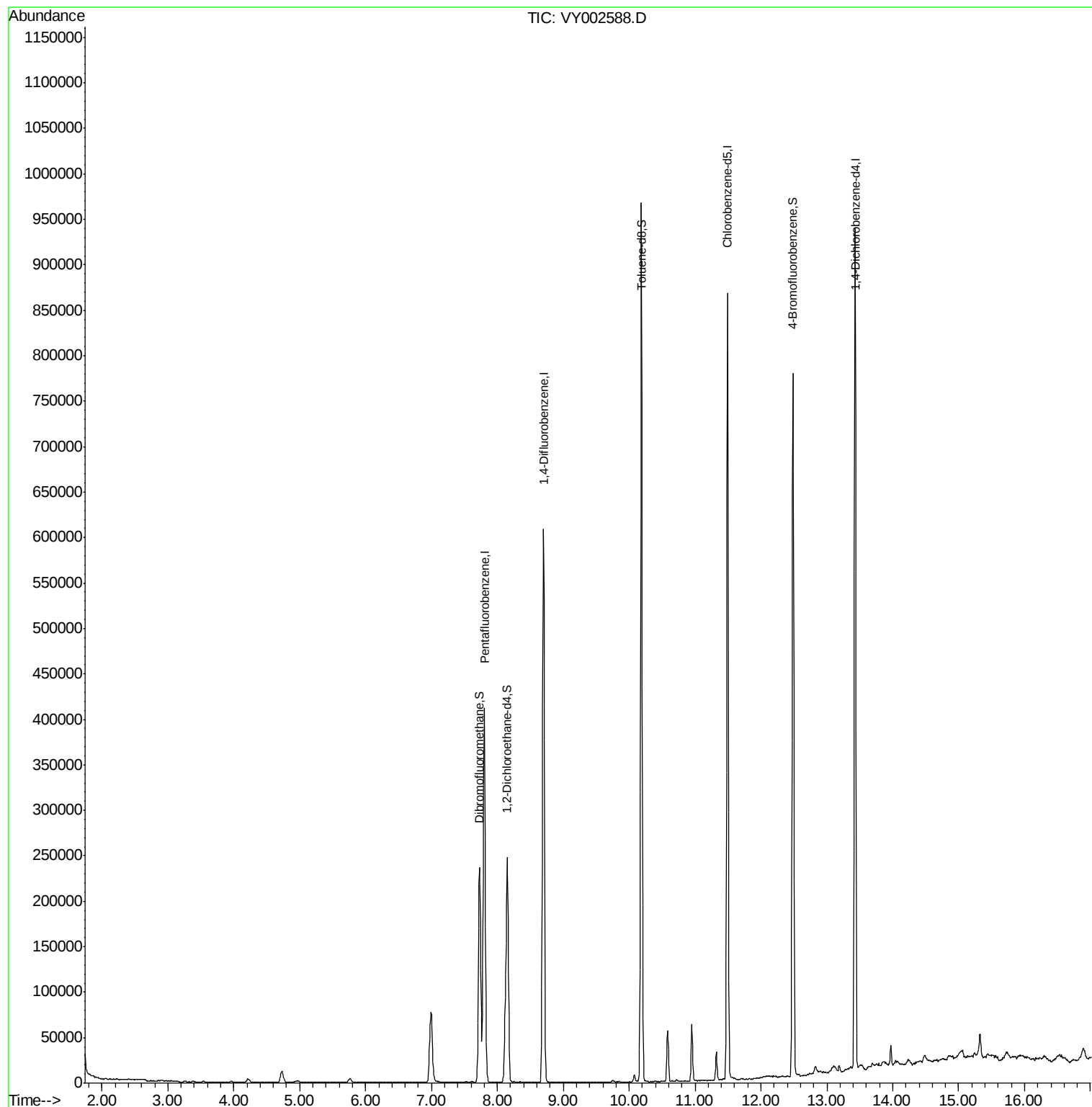
Target Compounds	Qvalue

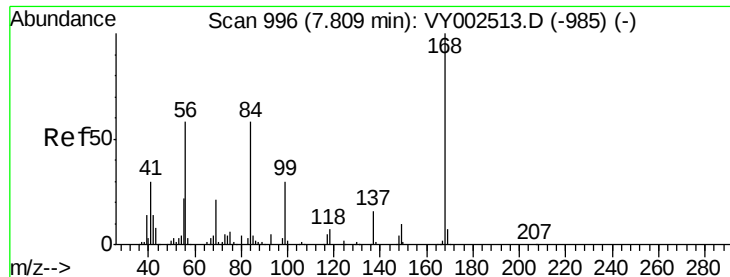
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002588.D

Acq: 05 May 2020 15:51

Instrument :

MSVOA_Y

ClientSampleId :

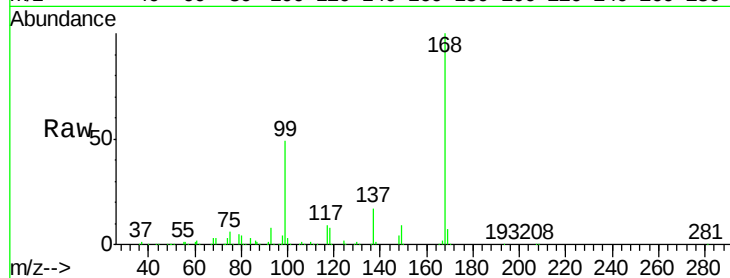
VOC

Tot Ion:168 Resp: 347815

Ion Ratio Lower Upper

168 100

99 49.4 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

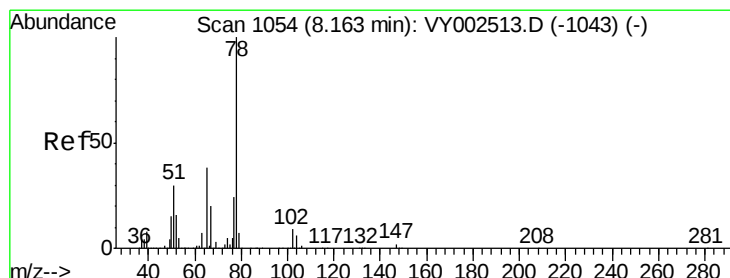
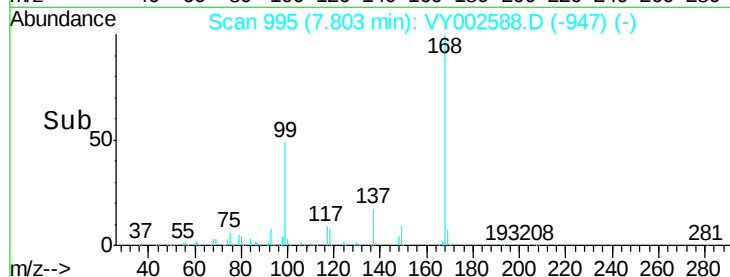
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.571 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002588.D

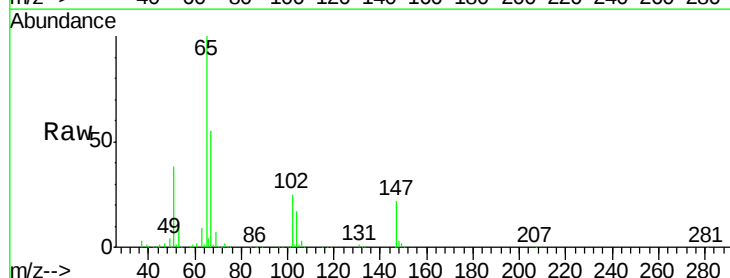
Acq: 05 May 2020 15:51

Tgt Ion: 65 Resp: 168366

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) (-)

8.15

80000

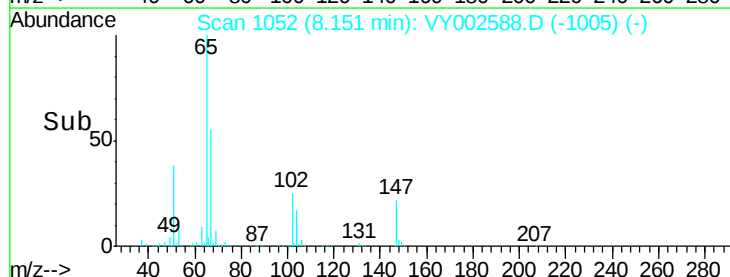
60000

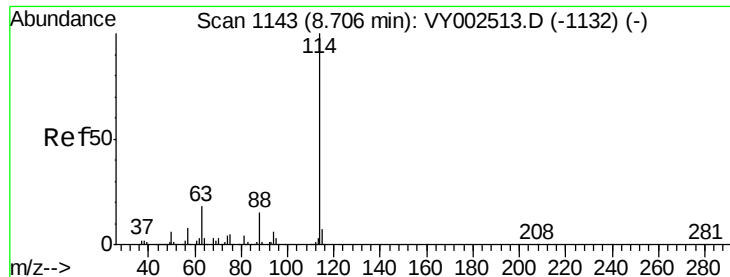
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002588.D

Acq: 05 May 2020 15:51

Instrument :

MSVOA_Y

ClientSampleId :

VOC

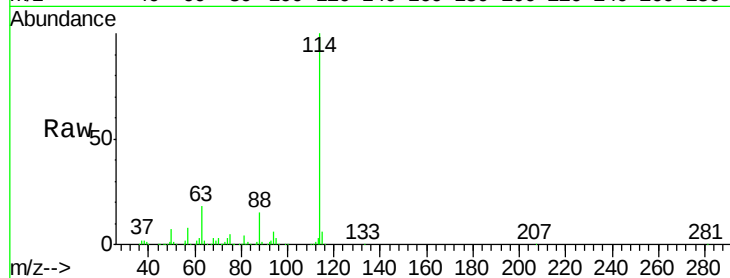
Tot Ion:114 Resp: 551398

Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.4

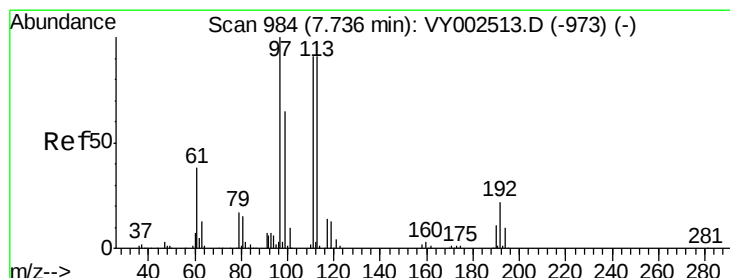
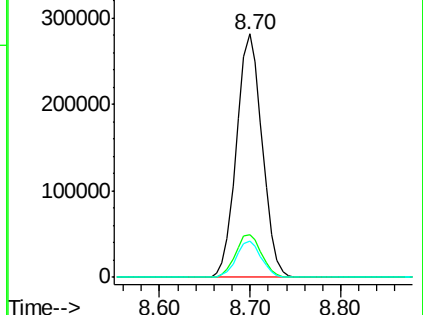
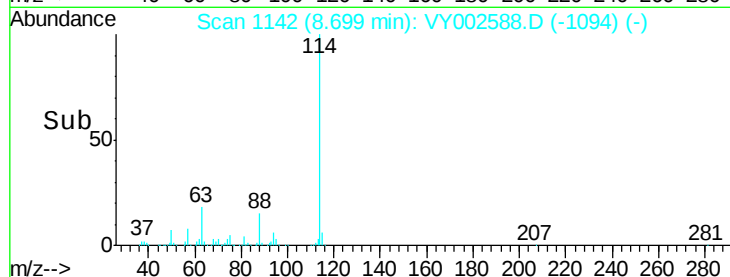
88 14.9 0.0 29.6



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: 53.881 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002588.D

Acq: 05 May 2020 15:51

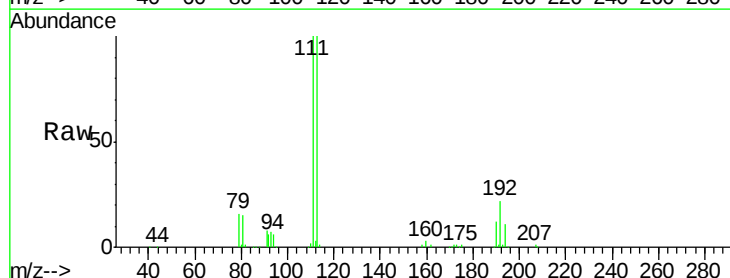
Tgt Ion:113 Resp: 169912

Ion Ratio Lower Upper

113 100

111 101.4 81.8 122.6

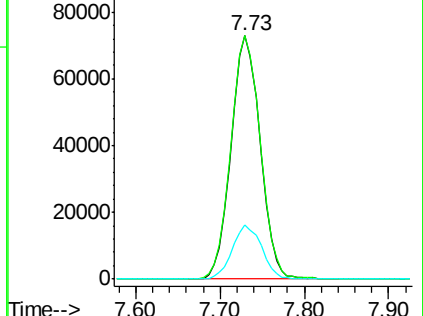
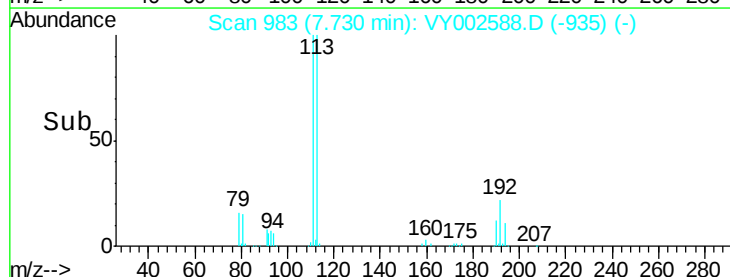
192 22.4 18.2 27.4

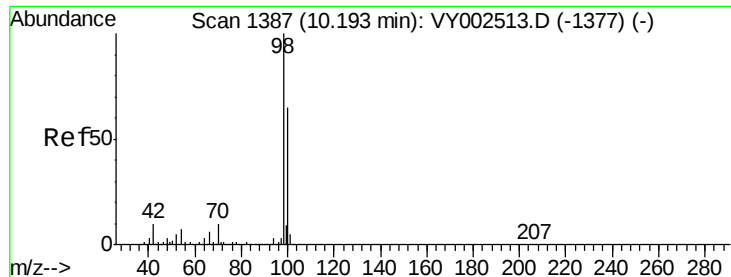


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.190 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY002588.D

Acq: 05 May 2020 15:51

Instrument :

MSVOA_Y

ClientSampleId :

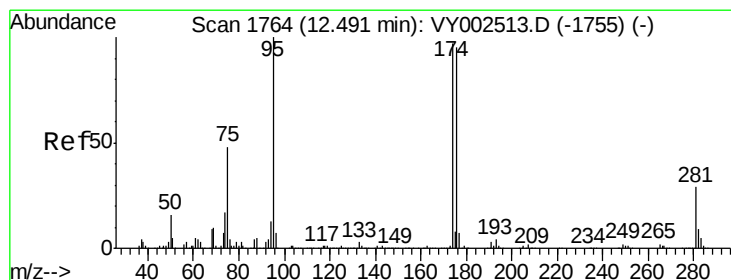
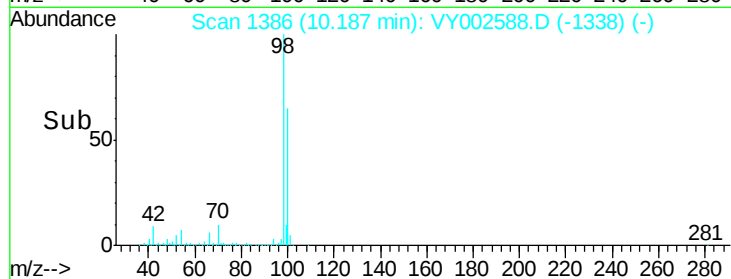
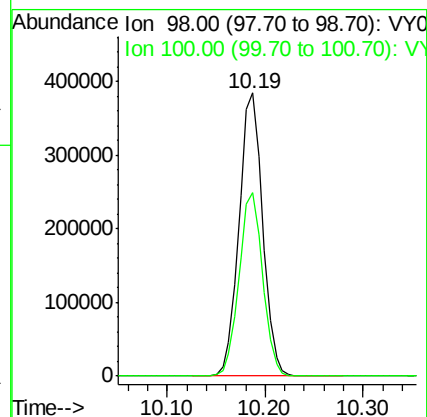
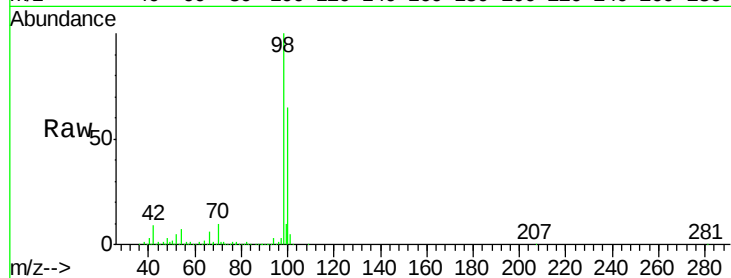
VOC

Tot Ion: 98 Resp: 642709

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 53.205 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002588.D

Acq: 05 May 2020 15:51

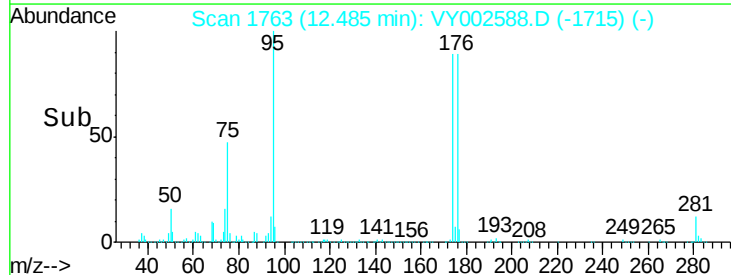
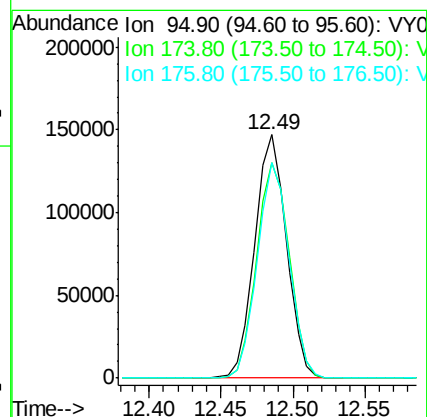
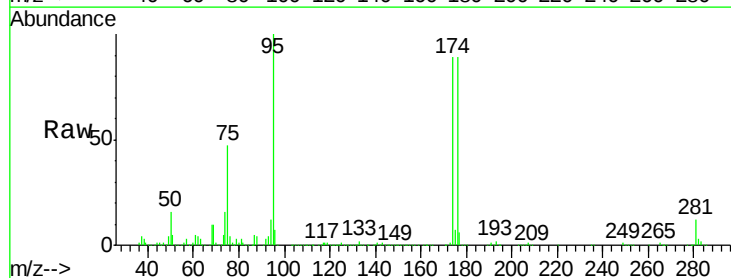
Tgt Ion: 95 Resp: 222329

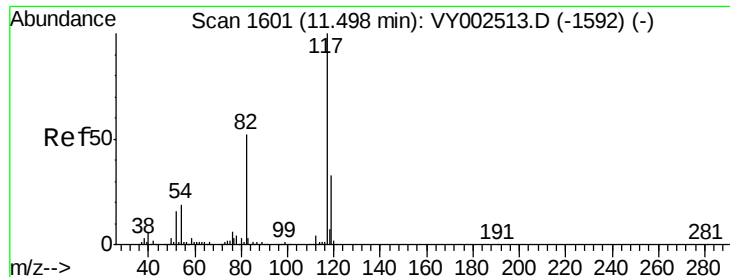
Ion Ratio Lower Upper

95 100

174 91.5 0.0 188.8

176 89.0 0.0 183.2

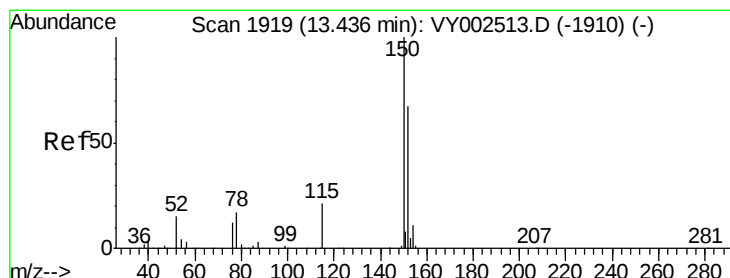
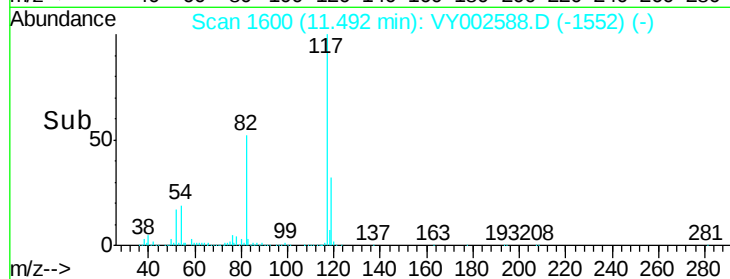
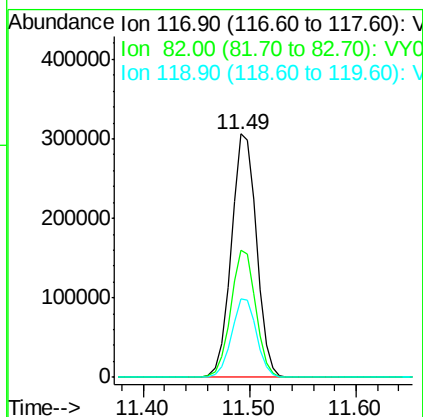
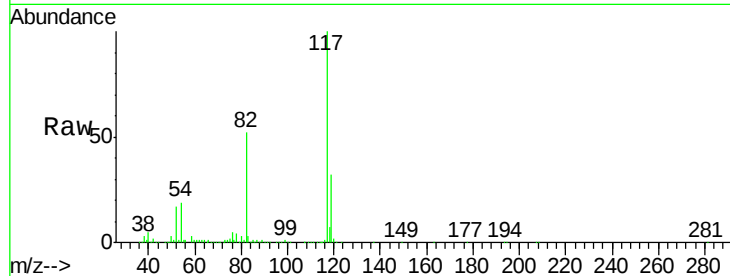




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002588.D
Acq: 05 May 2020 15:51

Instrument :
MSVOA_Y
ClientSampled :
VOC

Tot Ion:117 Resp: 506549
Ion Ratio Lower Upper
117 100
82 52.0 41.3 61.9
119 32.2 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: VY002588.D
Acq: 05 May 2020 15:51

Tgt Ion:152 Resp: 255205
Ion Ratio Lower Upper
152 100
115 54.8 27.5 82.4
150 156.7 0.0 346.4

