

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021020\
 Data File : VY001589.D
 Acq On : 10 Feb 2020 17:20
 Operator : SY/MD
 Sample : L1367-01
 Misc : 7.46G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-03-021020

Quant Time: Feb 11 06:19:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	164462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	288327	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	199380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	46395	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	90633	54.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.46%	
35) Dibromofluoromethane	7.75	113	83515	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
50) Toluene-d8	10.19	98	320735	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
62) 4-Bromofluorobenzene	12.49	95	68877	27.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	55.58%	

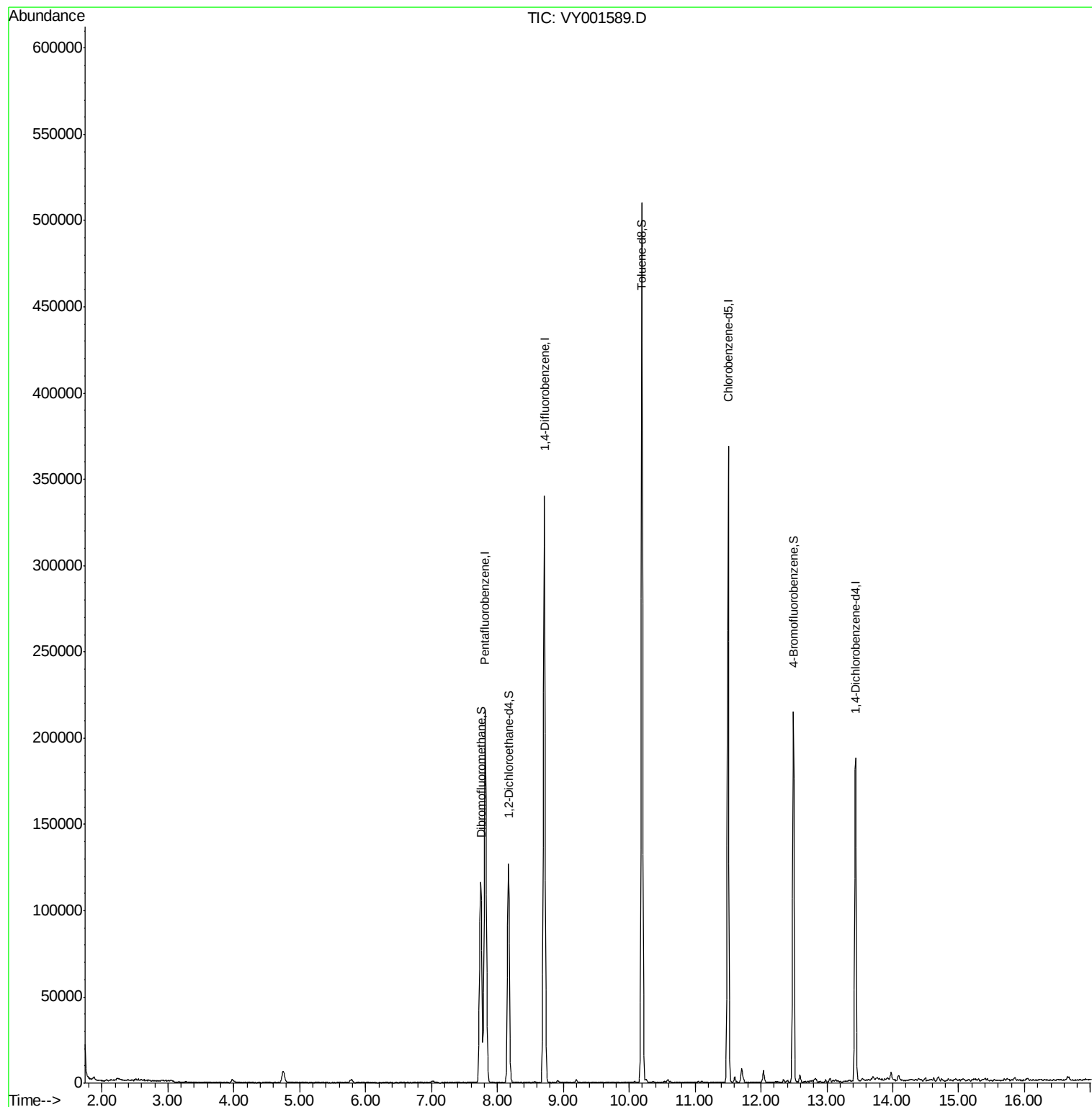
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001589.D

Acq: 10 Feb 2020 17:20

Instrument :

MSVOA_Y

ClientSampleId :

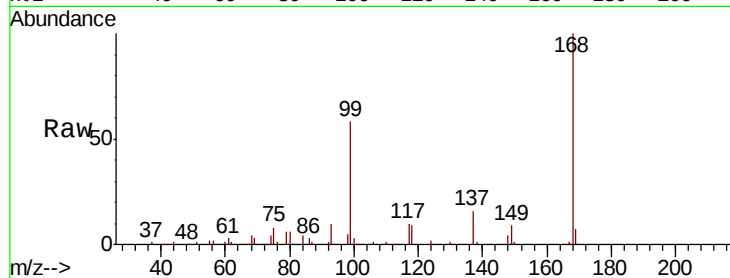
OK-03-021020

Tot Ion:168 Resp: 164462

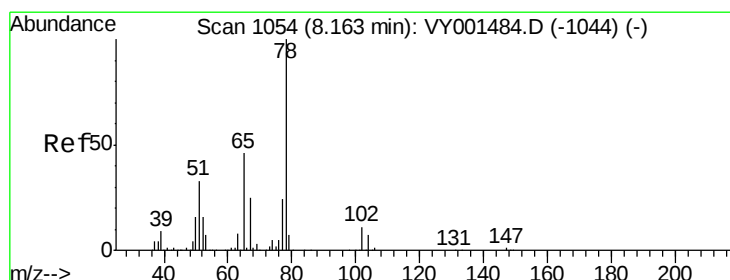
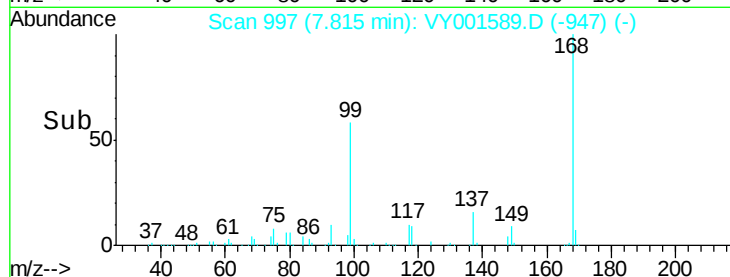
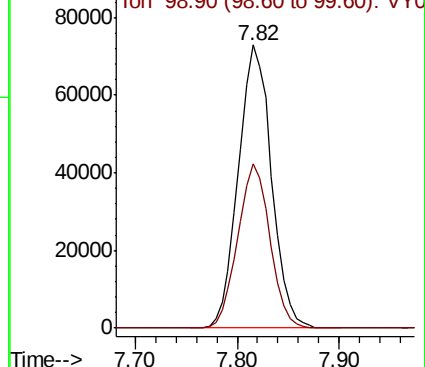
Ion Ratio Lower Upper

168 100

99 58.2 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001589.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.734 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY001589.D

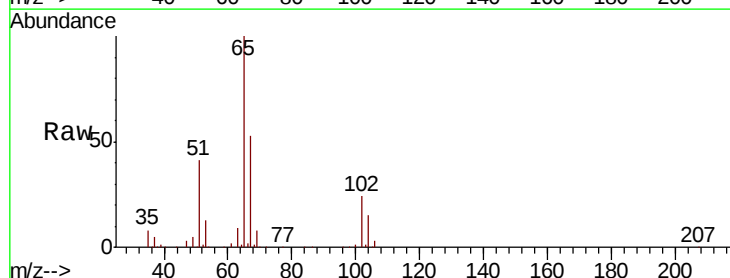
Acq: 10 Feb 2020 17:20

Tgt Ion: 65 Resp: 90633

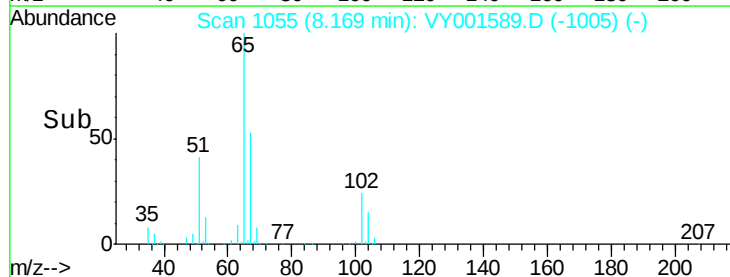
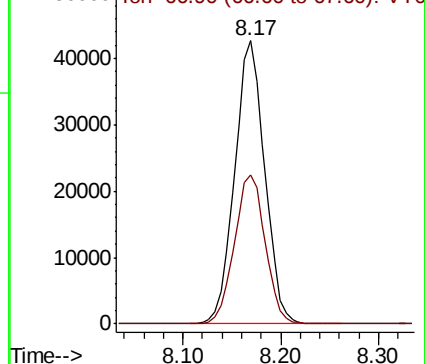
Ion Ratio Lower Upper

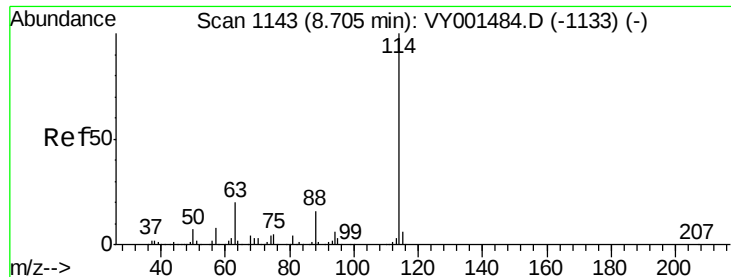
65 100

67 53.9 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001589.D (-1005) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY001589.D

Acq: 10 Feb 2020 17:20

Instrument :

MSVOA_Y

ClientSampleId :

OK-03-021020

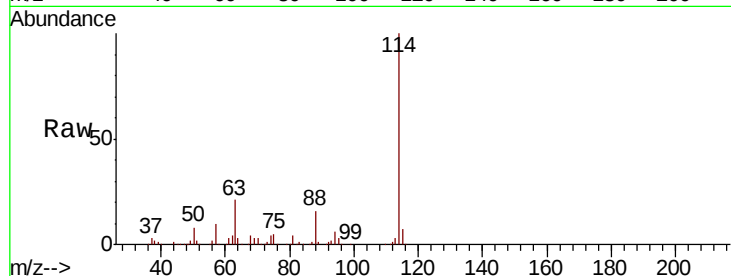
Tot Ion:114 Resp: 288327

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.8

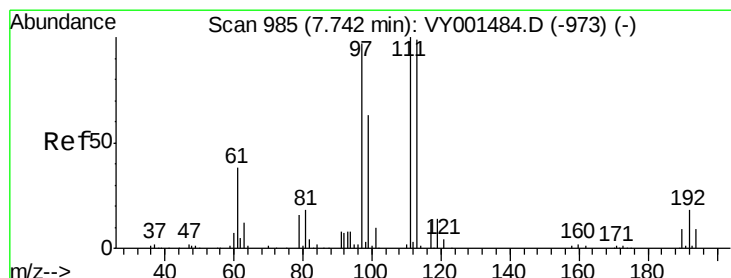
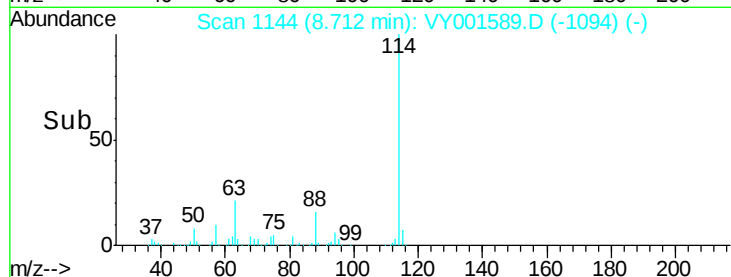
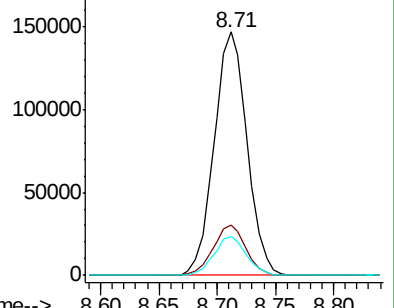
88 15.8 0.0 32.6



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: 50.231 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY001589.D

Acq: 10 Feb 2020 17:20

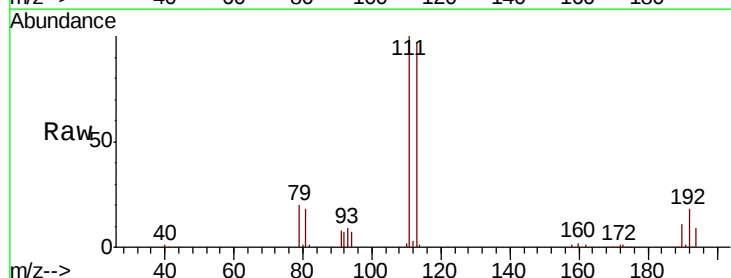
Tgt Ion:113 Resp: 83515

Ion Ratio Lower Upper

113 100

111 103.4 82.9 124.3

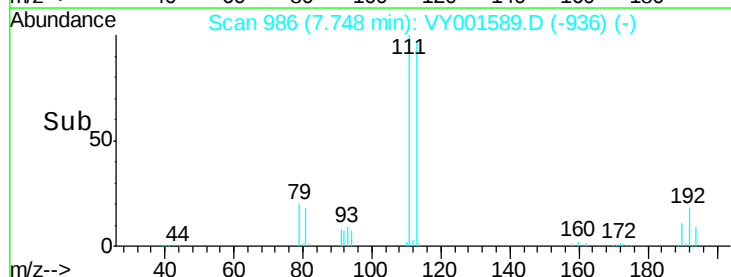
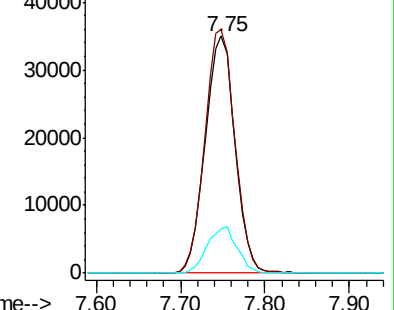
192 19.4 14.6 22.0

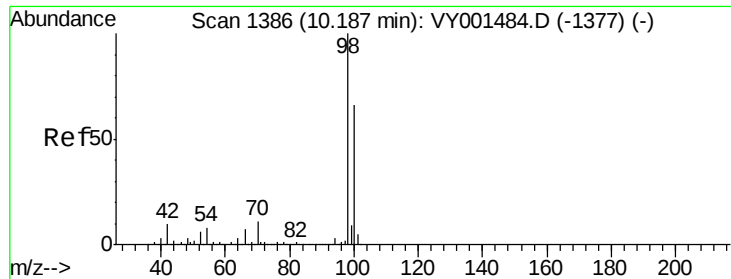


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.988 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001589.D

Acq: 10 Feb 2020 17:20

Instrument :

MSVOA_Y

ClientSampleId :

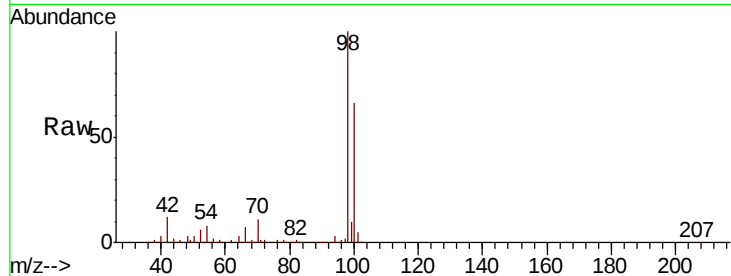
OK-03-021020

Tot Ion: 98 Resp: 320735

Ion Ratio Lower Upper

98 100

100 66.4 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.19

200000

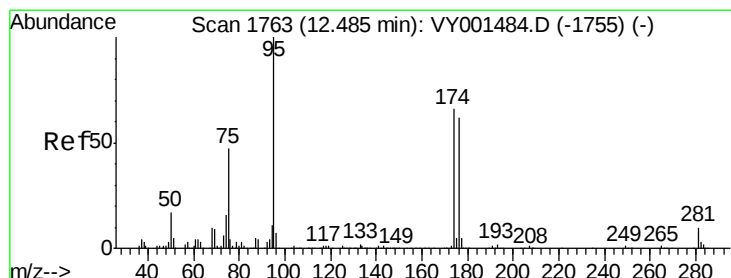
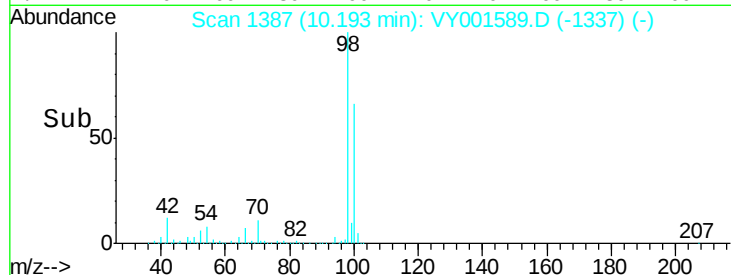
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 27.794 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001589.D

Acq: 10 Feb 2020 17:20

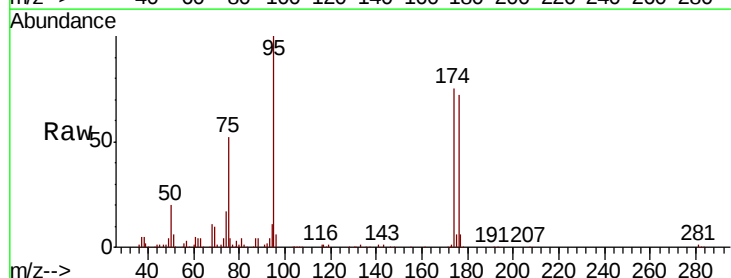
Tgt Ion: 95 Resp: 68877

Ion Ratio Lower Upper

95 100

174 76.1 0.0 141.4

176 72.4 0.0 135.4



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

60000

50000

40000

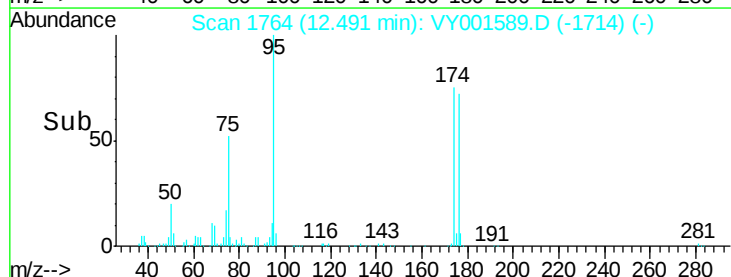
30000

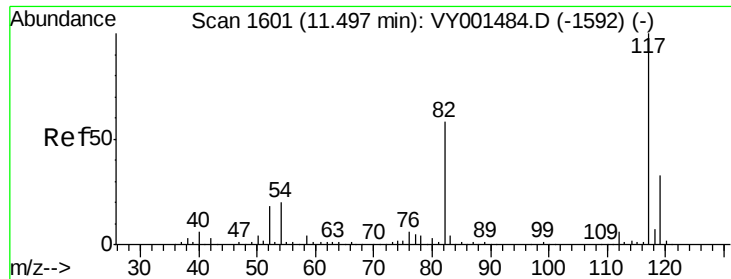
20000

10000

0

Time-->

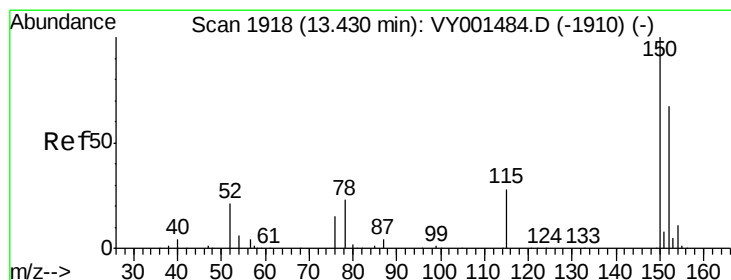
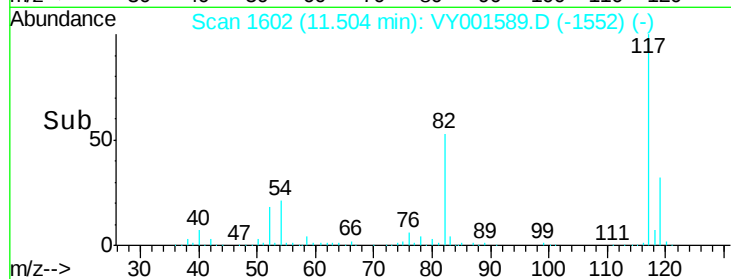
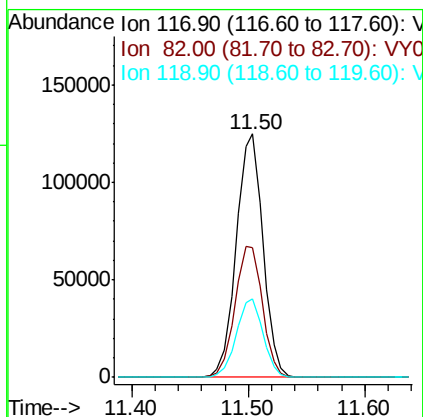
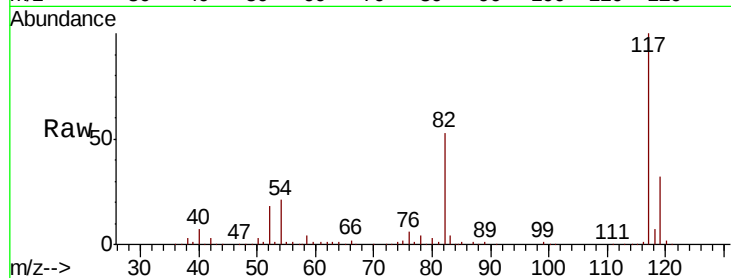




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001589.D
Acq: 10 Feb 2020 17:20

Instrument :
MSVOA_Y
ClientSampleId :
OK-03-021020

Tot Ion:117 Resp: 199380
Ion Ratio Lower Upper
117 100
82 53.3 46.1 69.1
119 32.4 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001589.D
Acq: 10 Feb 2020 17:20

Tgt Ion:152 Resp: 46395
Ion Ratio Lower Upper
152 100
115 60.3 31.4 94.3
150 160.7 0.0 346.8

