

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070720\
 Data File : VY003118.D
 Acq On : 07 Jul 2020 11:28
 Operator : SY/MD
 Sample : VY0707SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBL01

Quant Time: Jul 08 03:59:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	430024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	636562	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	582148	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	304275	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	193526	45.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.62%	
35) Dibromofluoromethane	7.72	113	190637	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
50) Toluene-d8	10.18	98	694026	46.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.82%	
62) 4-Bromofluorobenzene	12.48	95	242542	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	

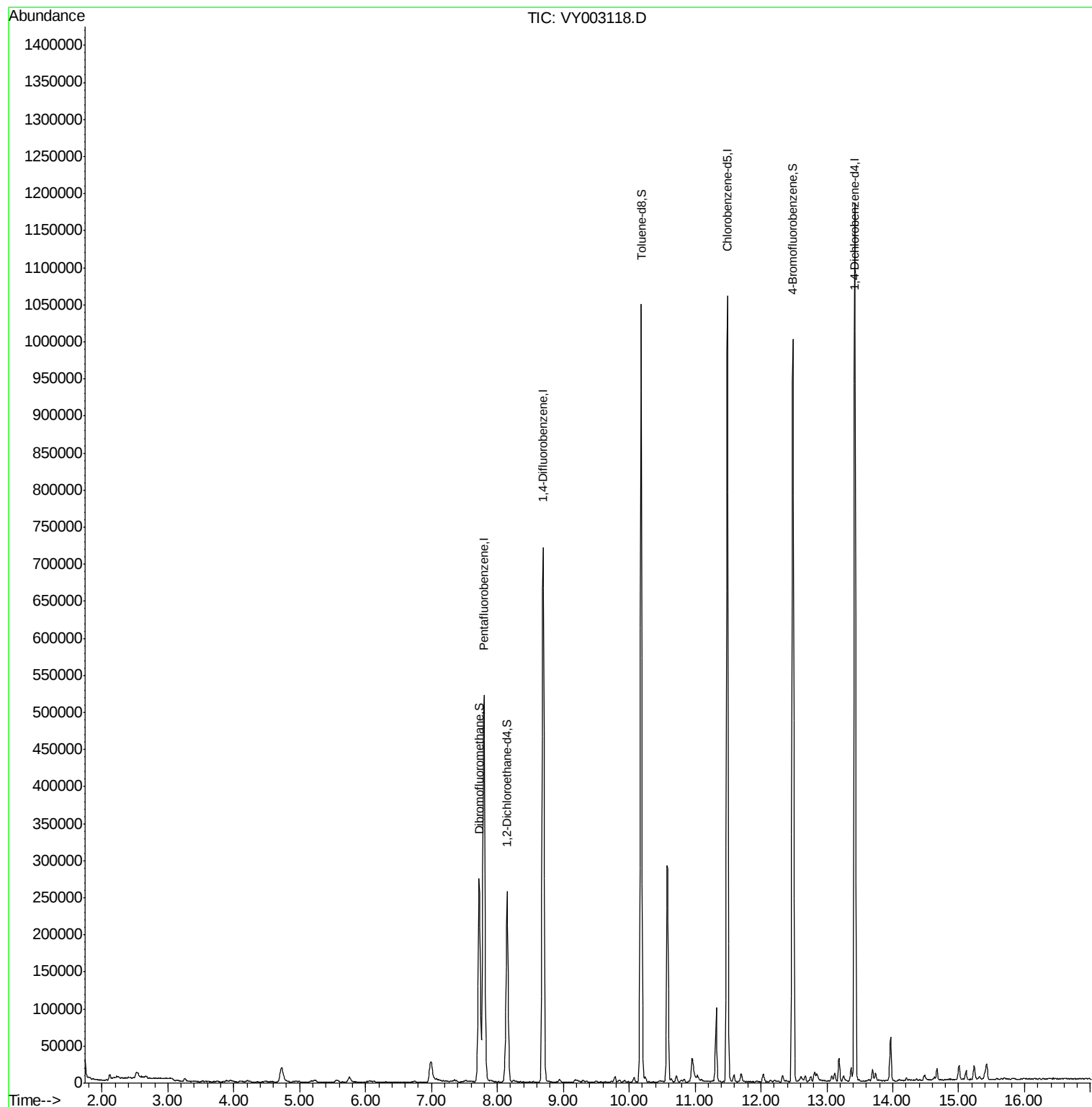
Target Compounds	Qvalue

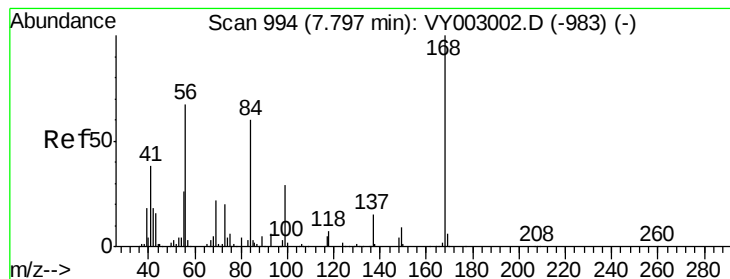
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003118.D

Acq: 07 Jul 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

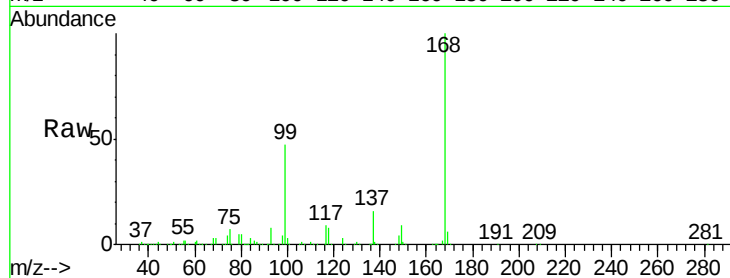
VY0707SBL01

Tot Ion:168 Resp: 430024

Ion Ratio Lower Upper

168 100

99 46.9 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003118.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003118.D (-945) (-)

7.80

200000

150000

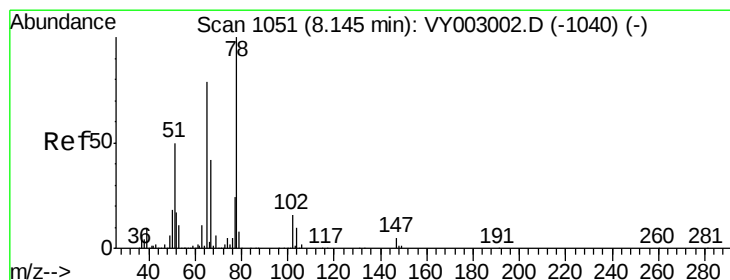
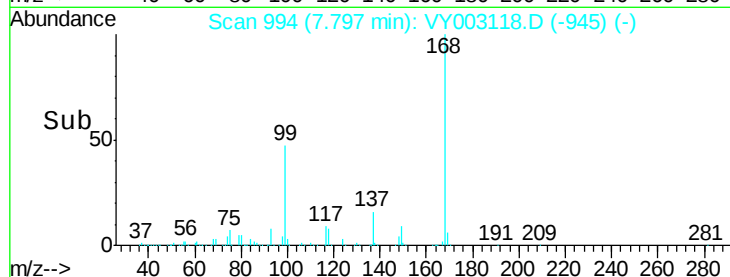
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.312 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VY003118.D

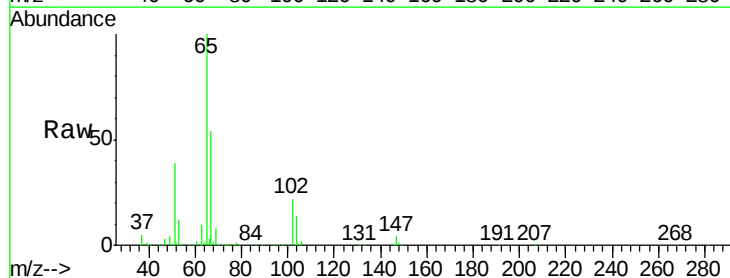
Acq: 07 Jul 2020 11:28

Tgt Ion: 65 Resp: 193526

Ion Ratio Lower Upper

65 100

67 53.2 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VY003118.D (-1002) (-)

Ion 66.90 (66.60 to 67.60): VY003118.D (-1002) (-)

8.14

100000

80000

60000

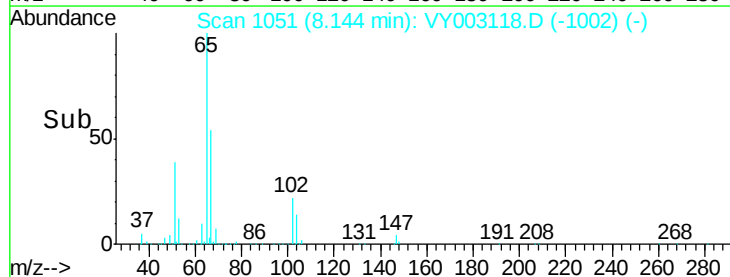
40000

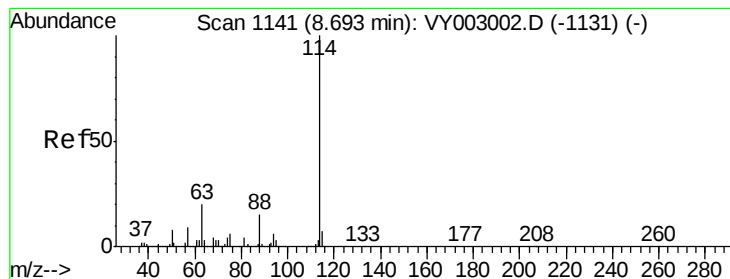
20000

0

8.10 8.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY003118.D

Acq: 07 Jul 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBL01

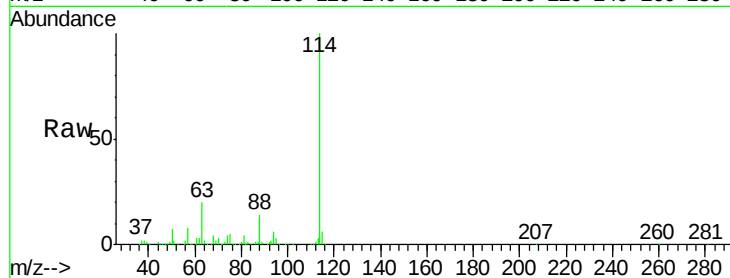
Tot Ion:114 Resp: 636562

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.6

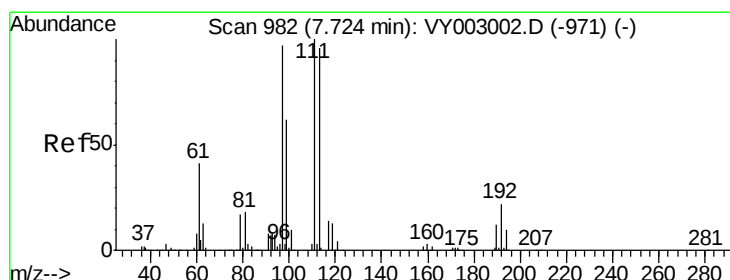
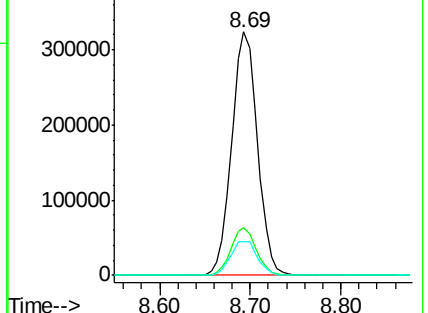
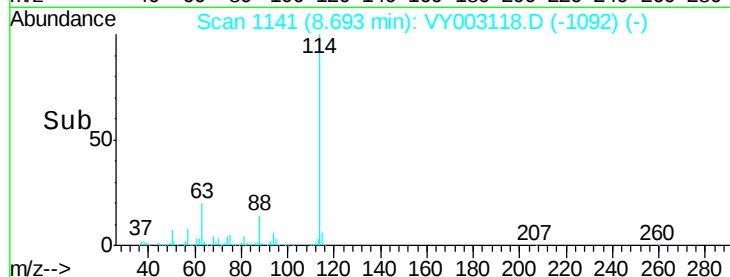
88 14.1 0.0 30.0



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: 48.008 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003118.D

Acq: 07 Jul 2020 11:28

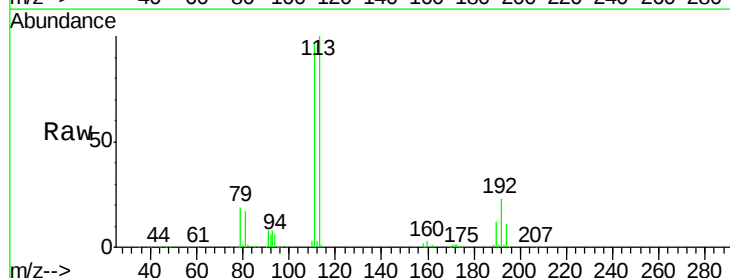
Tgt Ion:113 Resp: 190637

Ion Ratio Lower Upper

113 100

111 101.0 82.6 123.8

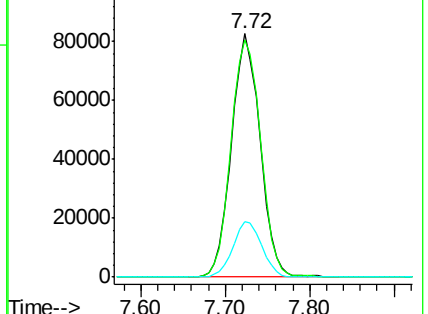
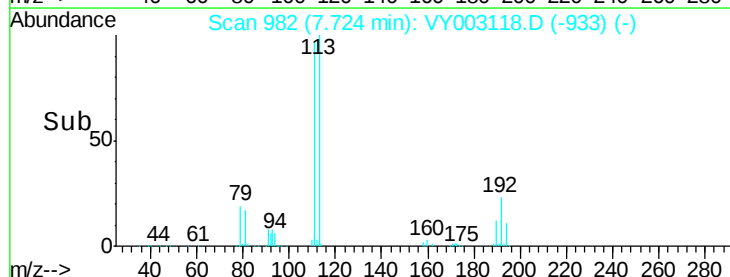
192 22.9 18.1 27.1

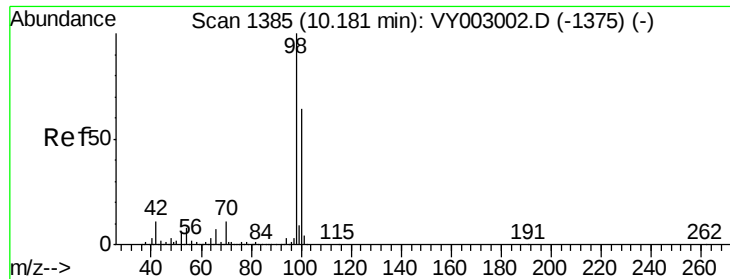


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.914 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003118.D

Acq: 07 Jul 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

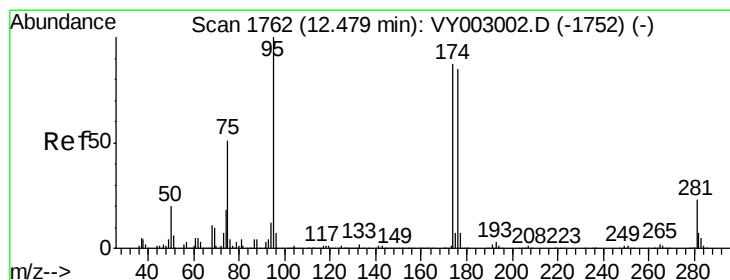
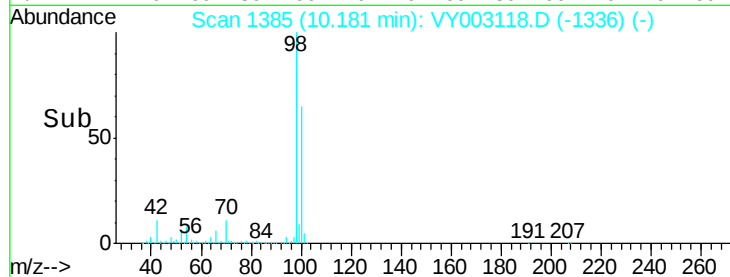
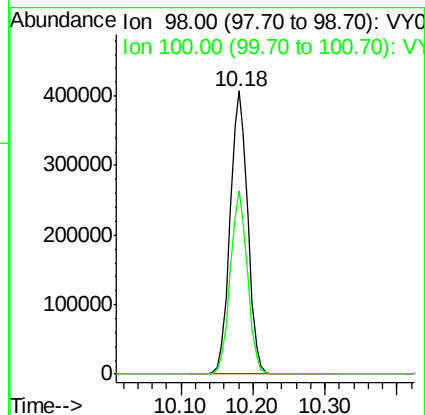
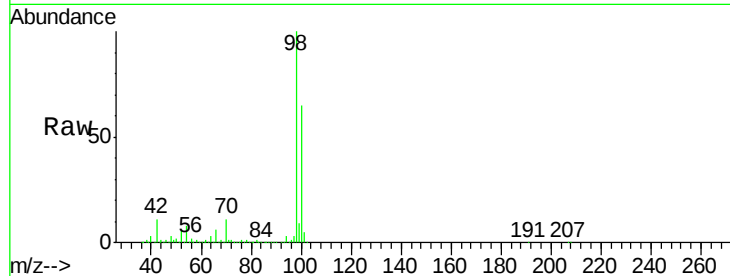
VY0707SBL01

Tot Ion: 98 Resp: 694026

Ion Ratio Lower Upper

98 100

100 63.4 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 46.576 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003118.D

Acq: 07 Jul 2020 11:28

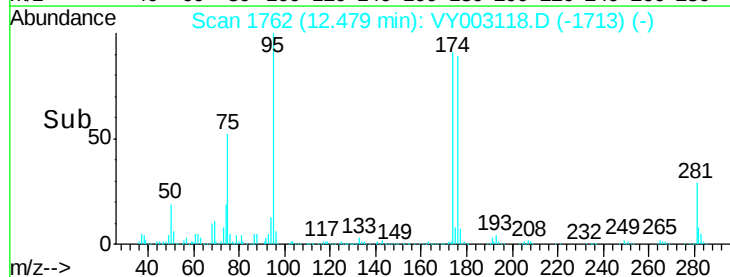
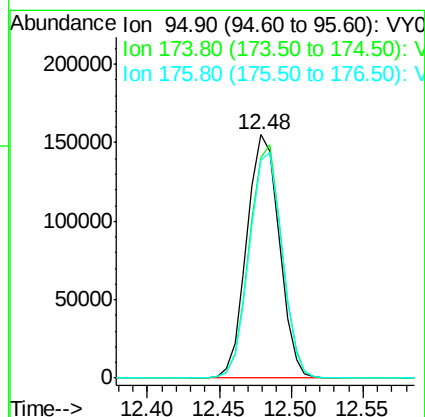
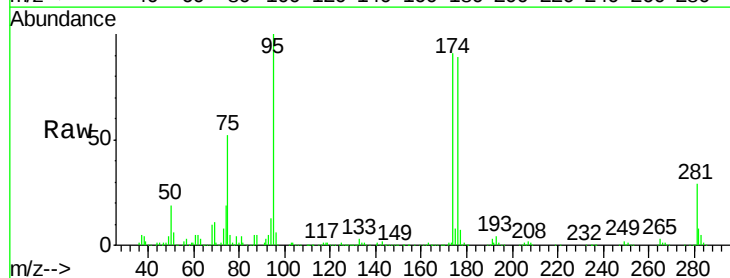
Tgt Ion: 95 Resp: 242542

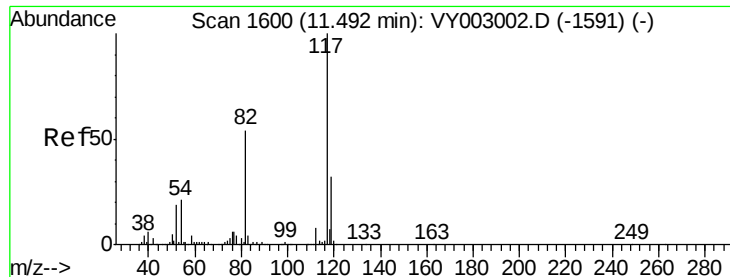
Ion Ratio Lower Upper

95 100

174 95.6 0.0 184.8

176 93.1 0.0 183.0

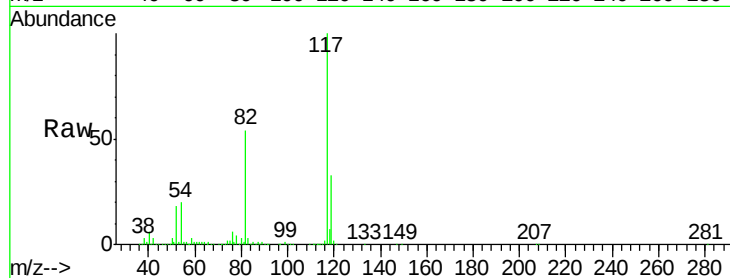




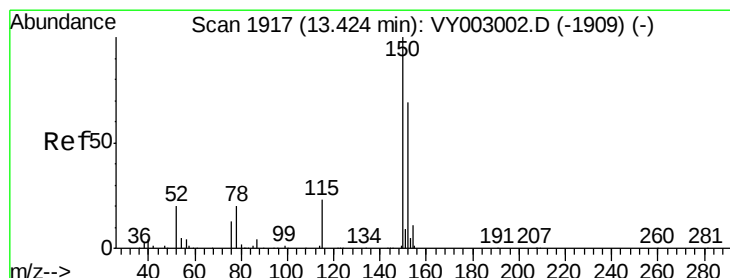
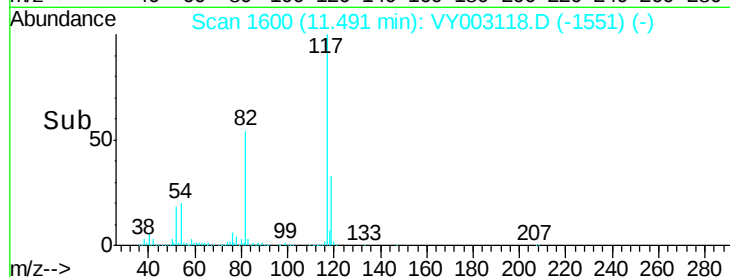
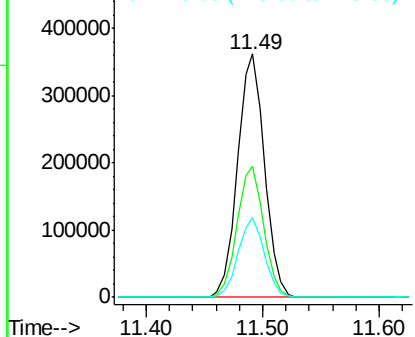
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003118.D
Acq: 07 Jul 2020 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBL01

Tot Ion:117 Resp: 582148
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.6
119 32.8 25.8 38.8

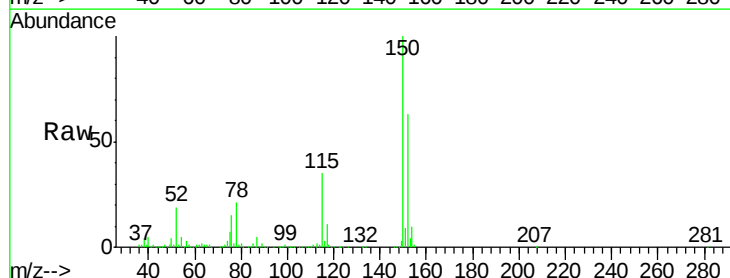


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003118.D
Acq: 07 Jul 2020 11:28

Tgt Ion:152 Resp: 304275
Ion Ratio Lower Upper
152 100
115 54.5 27.3 81.9
150 158.8 0.0 343.4



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

