

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY073120\
 Data File : VY003393.D
 Acq On : 31 Jul 2020 16:45
 Operator : SY/MD
 Sample : L3525-01
 Misc : 7.81G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TILCON-FL-002

Quant Time: Aug 01 02:14:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 13:09:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	415560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	659409	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	604201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	298141	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	209599	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
35) Dibromofluoromethane	7.72	113	204548	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
50) Toluene-d8	10.18	98	801253	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
62) 4-Bromofluorobenzene	12.48	95	259317	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	

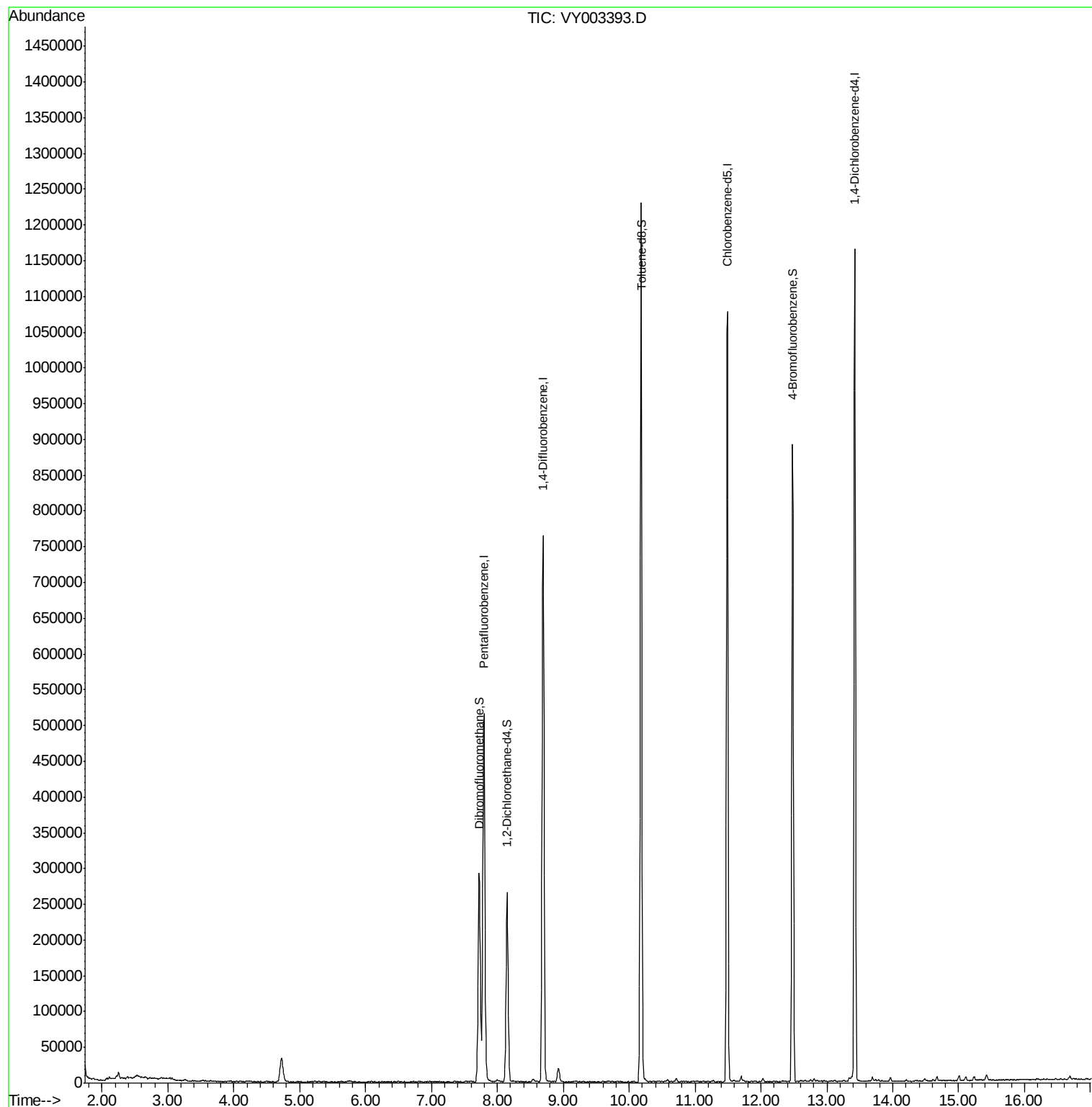
Target Compounds	Qvalue

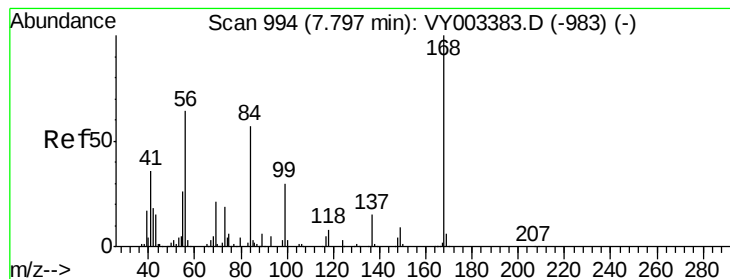
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY073120\
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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: VY003393.D

Acq: 31 Jul 2020 16:45

Instrument :

MSVOA_Y

ClientSampleId :

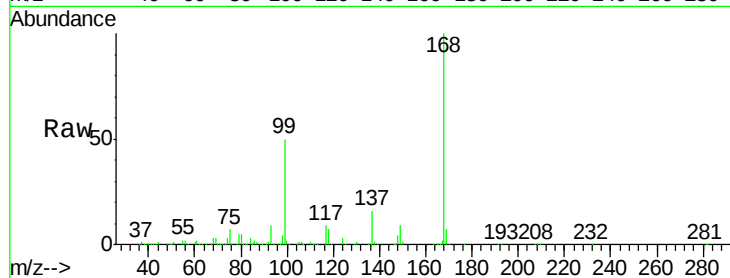
TILCON-FL-002

Tot Ion:168 Resp: 415560

Ion Ratio Lower Upper

168 100

99 50.3 38.8 58.2



Abundance Ion 167.90 (167.60 to 168.60): VY003393.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003393.D (-945) (-)

7.80

200000

150000

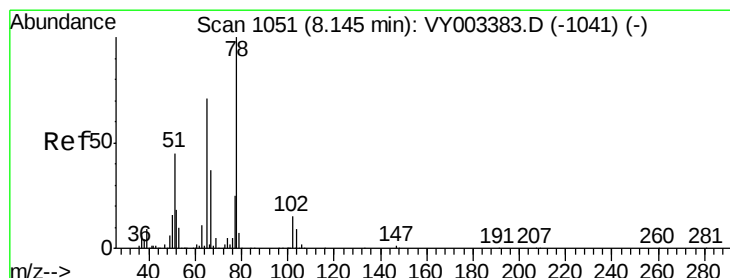
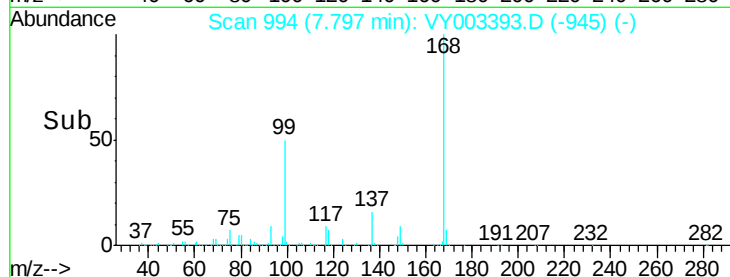
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.047 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003393.D

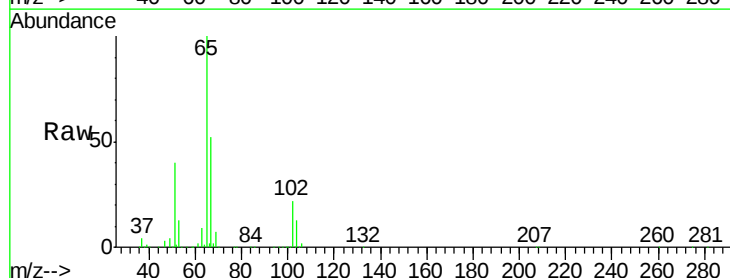
Acq: 31 Jul 2020 16:45

Tgt Ion: 65 Resp: 209599

Ion Ratio Lower Upper

65 100

67 54.2 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VY003393.D (-1002) (-)

Ion 66.90 (66.60 to 67.60): VY003393.D (-1002) (-)

8.15

100000

80000

60000

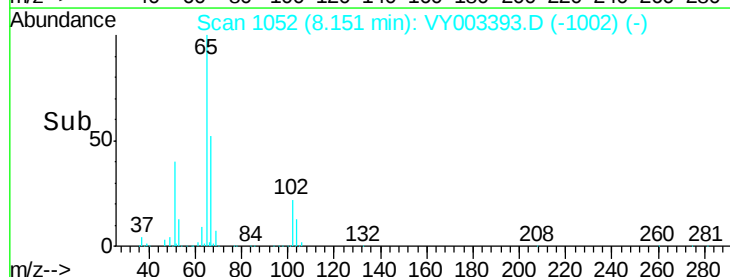
40000

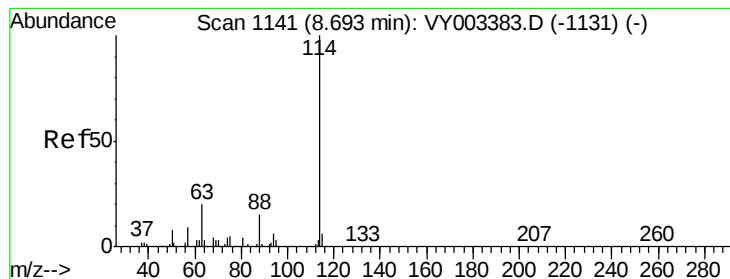
20000

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: VY003393.D

Acq: 31 Jul 2020 16:45

Instrument :

MSVOA_Y

ClientSampleId :

TILCON-FL-002

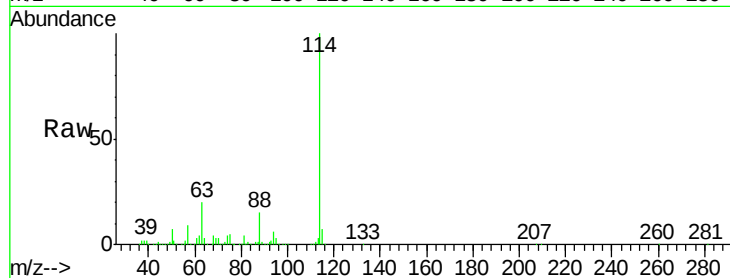
Tot Ion:114 Resp: 659409

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.6

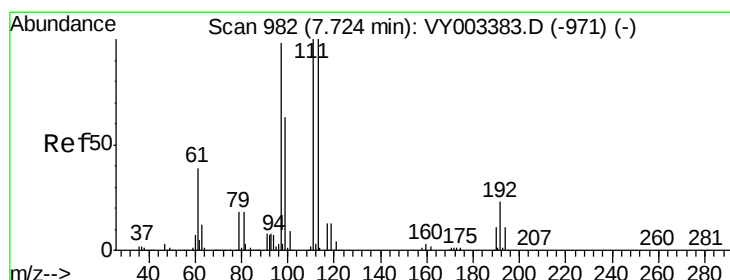
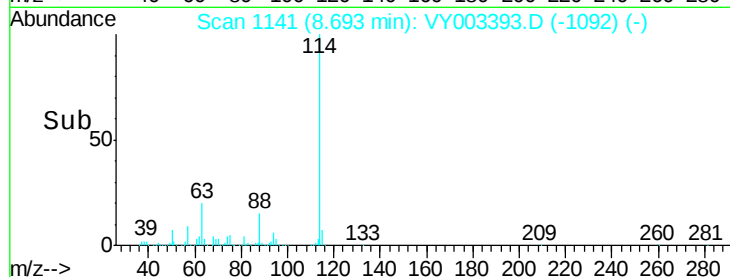
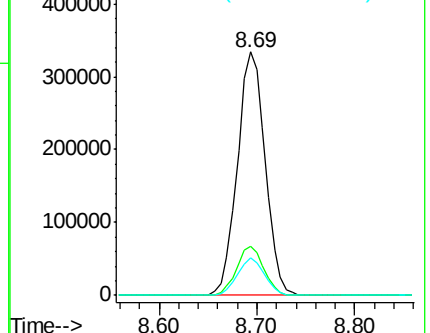
88 15.4 0.0 29.2



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: 52.660 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003393.D

Acq: 31 Jul 2020 16:45

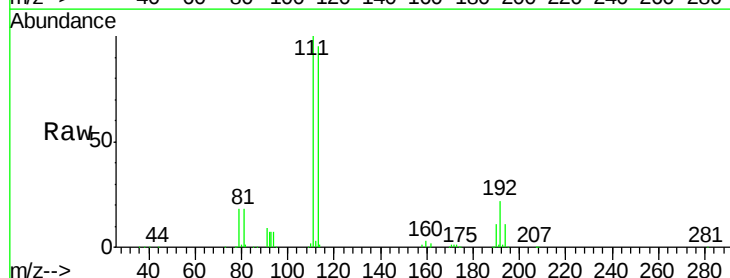
Tgt Ion:113 Resp: 204548

Ion Ratio Lower Upper

113 100

111 103.5 83.0 124.4

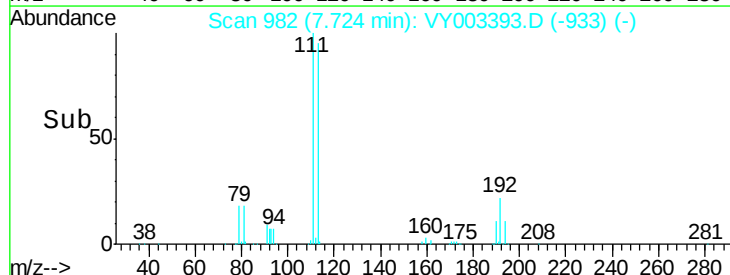
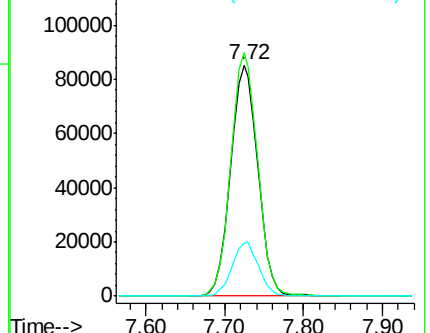
192 22.8 18.8 28.2

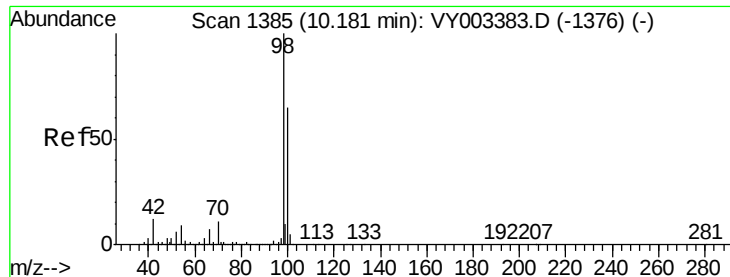


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.678 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003393.D

Acq: 31 Jul 2020 16:45

Instrument :

MSVOA_Y

ClientSampleId :

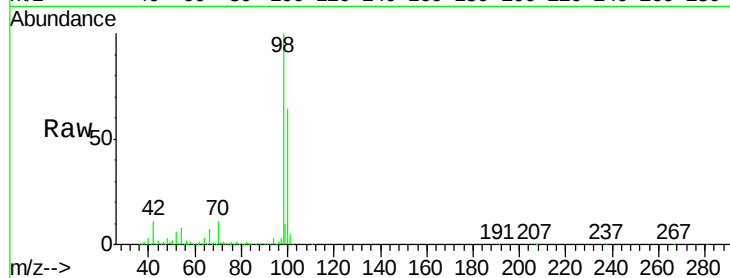
TILCON-FL-002

Tot Ion: 98 Resp: 801253

Ion Ratio Lower Upper

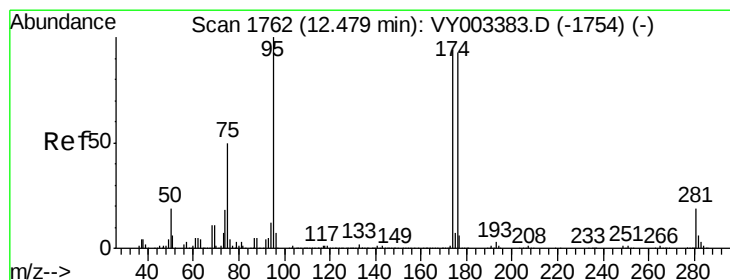
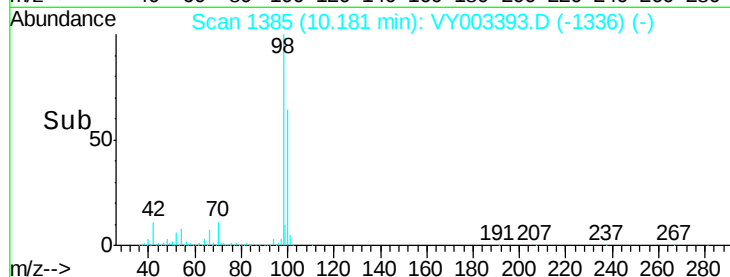
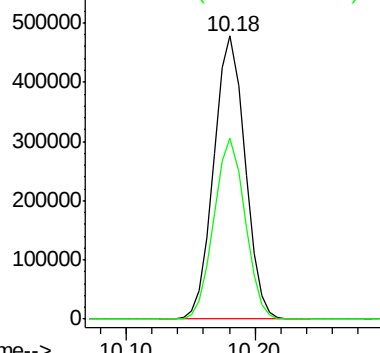
98 100

100 63.7 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 49.897 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003393.D

Acq: 31 Jul 2020 16:45

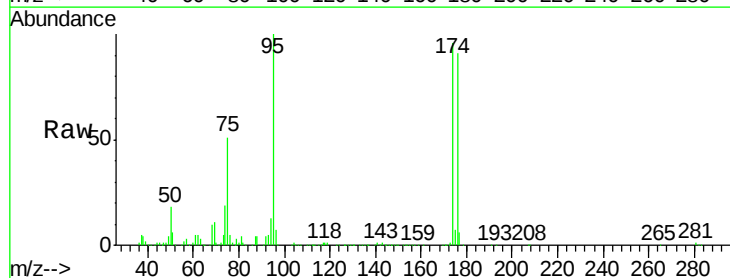
Tgt Ion: 95 Resp: 259317

Ion Ratio Lower Upper

95 100

174 94.4 0.0 190.0

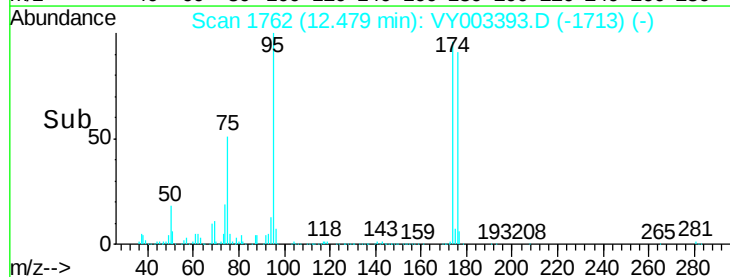
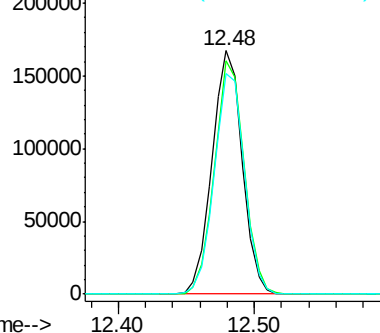
176 91.0 0.0 184.4

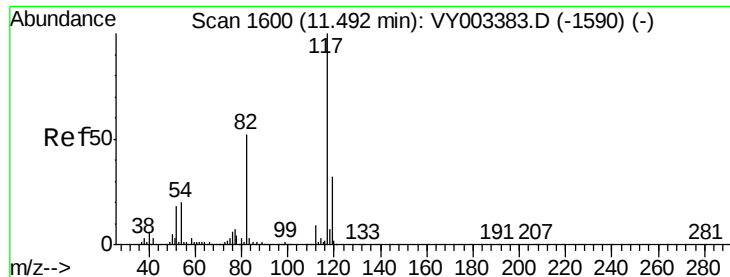


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

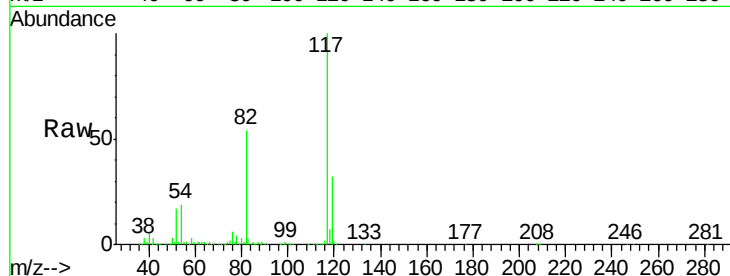




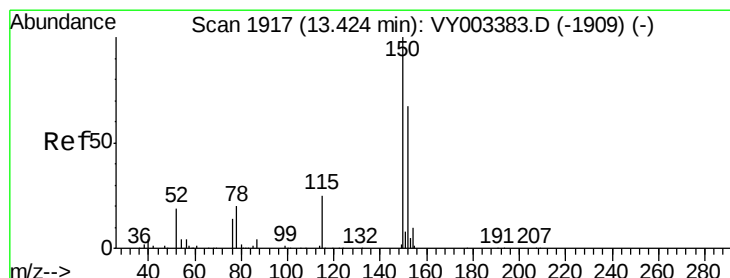
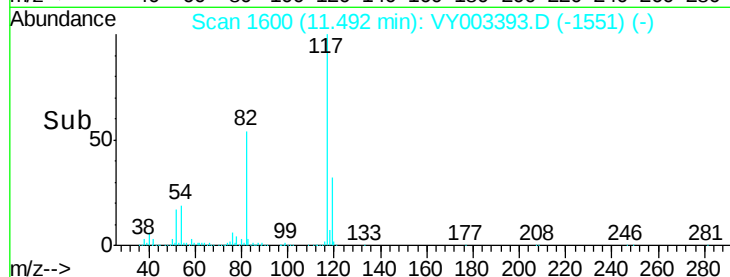
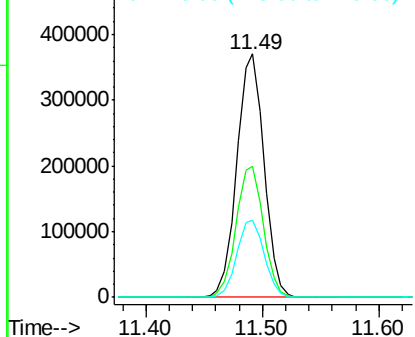
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003393.D
Acq: 31 Jul 2020 16:45

Instrument :
MSVOA_Y
ClientSampleId :
TILCON-FL-002

Tot Ion:117 Resp: 604201
Ion Ratio Lower Upper
117 100
82 53.7 41.9 62.9
119 31.9 25.4 38.0

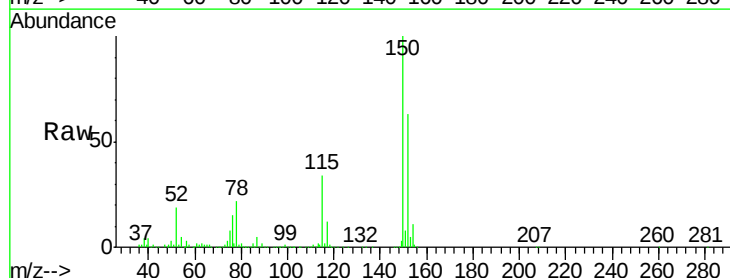


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003393.D
Acq: 31 Jul 2020 16:45

Tgt Ion:152 Resp: 298141
Ion Ratio Lower Upper
152 100
115 54.3 27.2 81.5
150 158.5 0.0 346.8



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

