

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
 Data File : VY003409.D
 Acq On : 03 Aug 2020 12:03
 Operator : SY/MD
 Sample : L3525-01
 Misc : 7.16G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TILCON-FL-002

Quant Time: Aug 04 08:31:11 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	421347	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	663232	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	608471	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	299848	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	217437	54.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.54%	
35) Dibromofluoromethane	7.72	113	205240	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	
50) Toluene-d8	10.18	98	802424	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
62) 4-Bromofluorobenzene	12.48	95	260629	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	

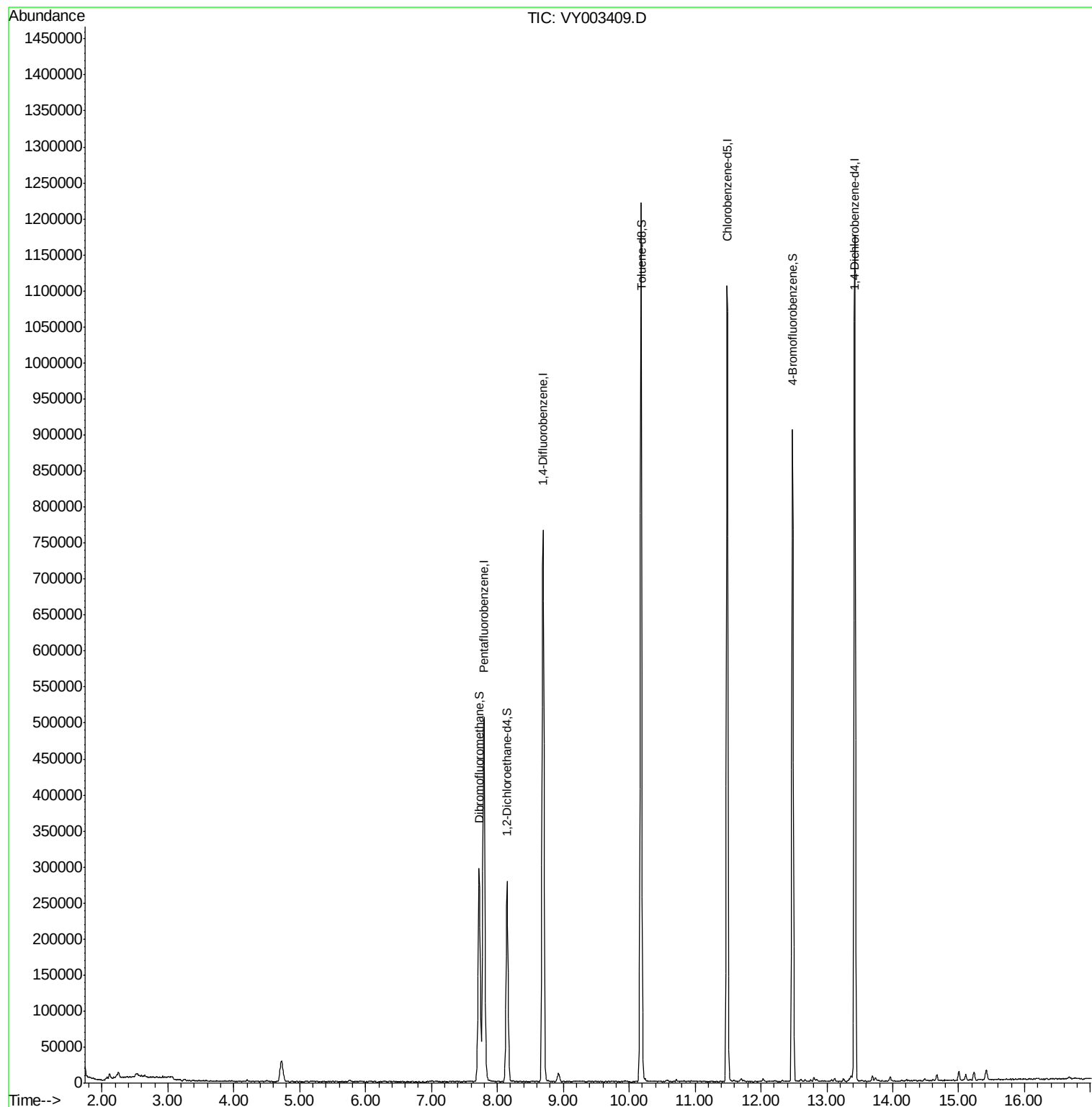
Target Compounds	Qvalue

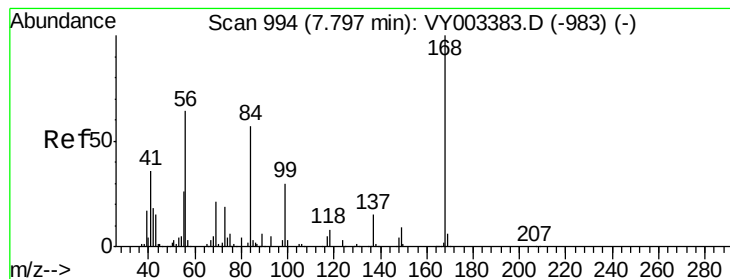
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003409.D

Acq: 03 Aug 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

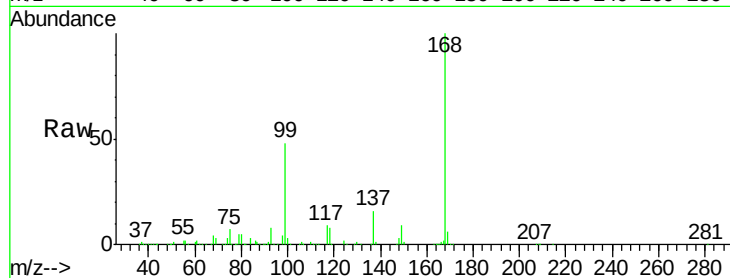
TILCON-FL-002

Tot Ion:168 Resp: 421347

Ion Ratio Lower Upper

168 100

99 47.8 38.8 58.2



Abundance Ion 167.90 (167.60 to 168.60): VY003383.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003383.D (-983) (-)

7.80

200000

150000

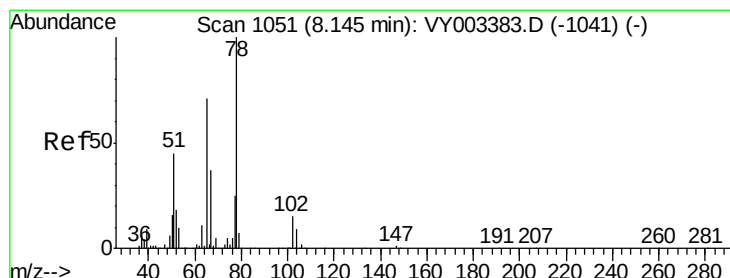
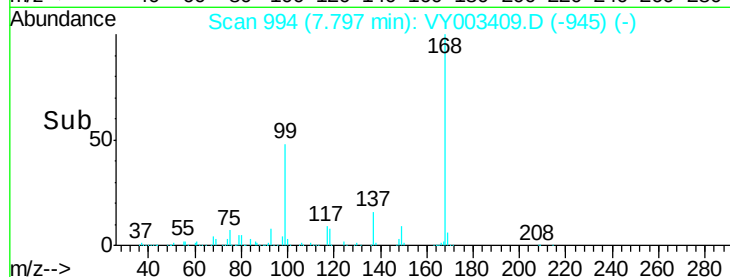
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.275 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003409.D

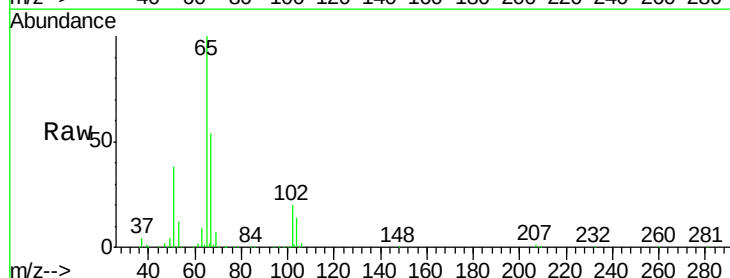
Acq: 03 Aug 2020 12:03

Tgt Ion: 65 Resp: 217437

Ion Ratio Lower Upper

65 100

67 53.3 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VY003383.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY003383.D (-1041) (-)

8.15

100000

80000

60000

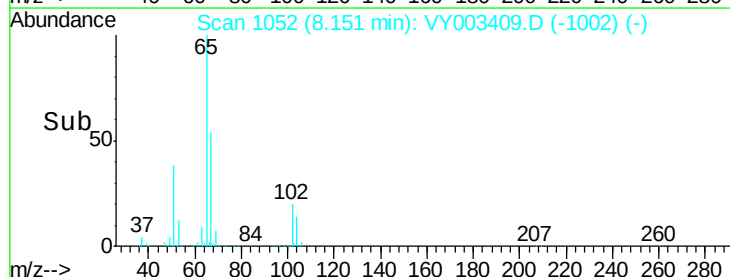
40000

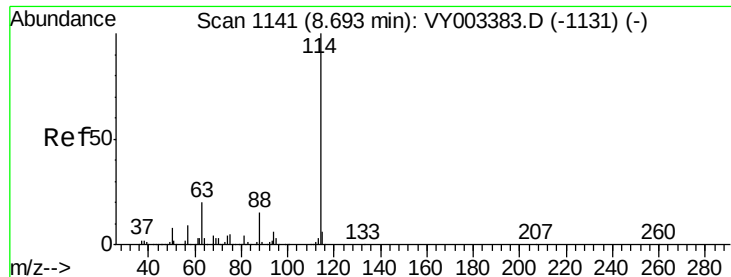
20000

0

8.00 8.10 8.20 8.30

Time-->

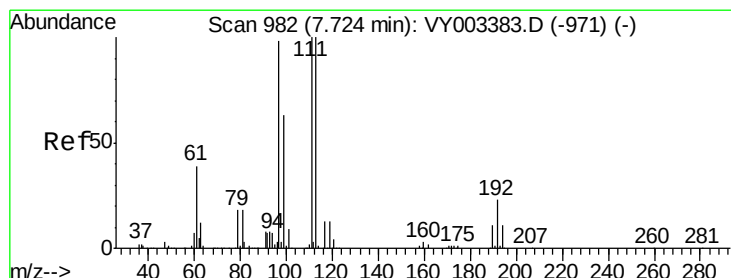
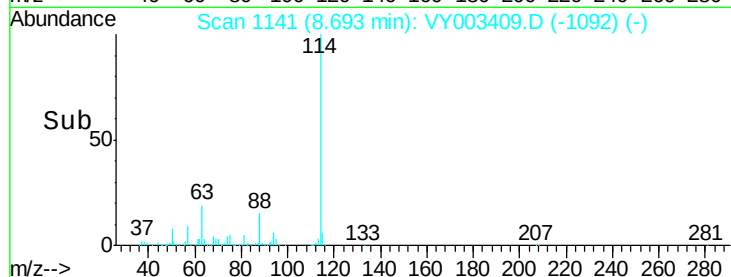
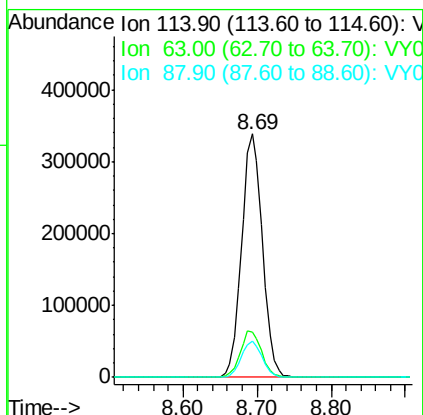
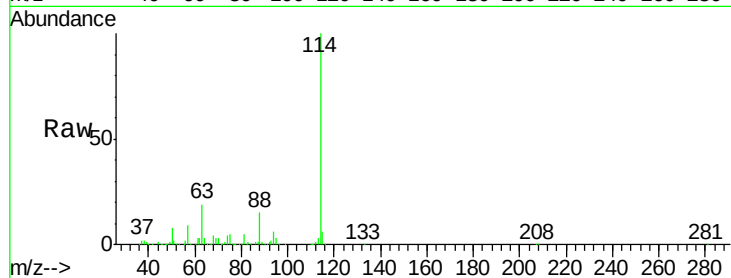




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003409.D
 Acq: 03 Aug 2020 12:03

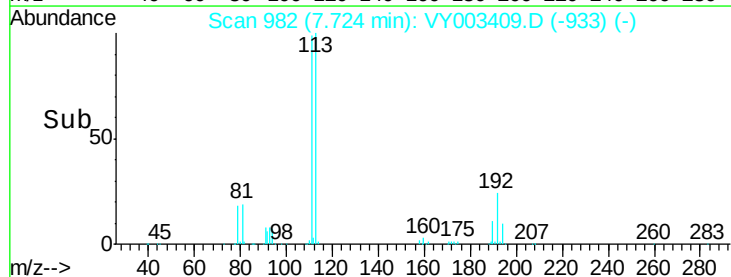
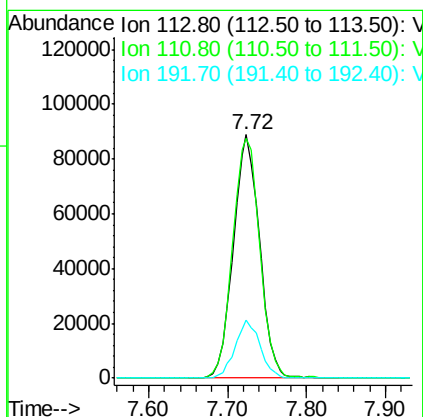
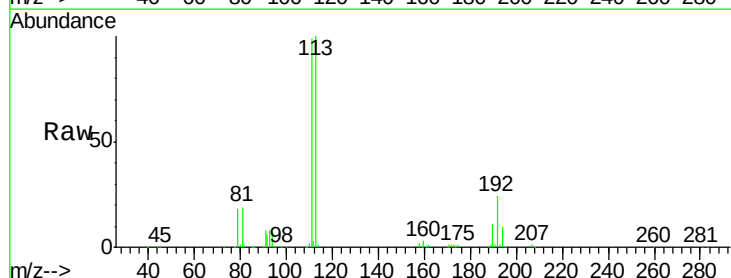
Instrument :
 MSVOA_Y
 ClientSampleId :
 TILCON-FL-002

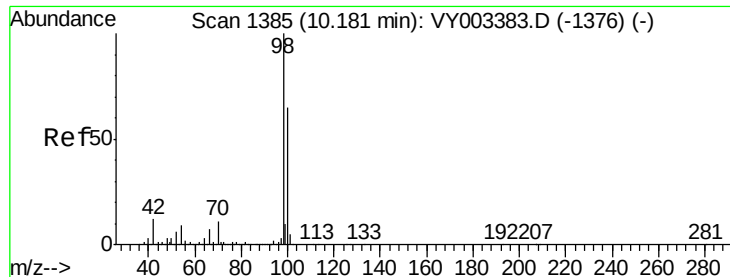
Tot Ion:114 Resp: 663232
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 40.6
 88 14.7 0.0 29.2



#35
 Dibromofluoromethane
 Concen: 52.534 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003409.D
 Acq: 03 Aug 2020 12:03

Tgt Ion:113 Resp: 205240
 Ion Ratio Lower Upper
 113 100
 111 101.5 83.0 124.4
 192 22.8 18.8 28.2





#50

Toluene-d8

Concen: 52.451 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003409.D

Acq: 03 Aug 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

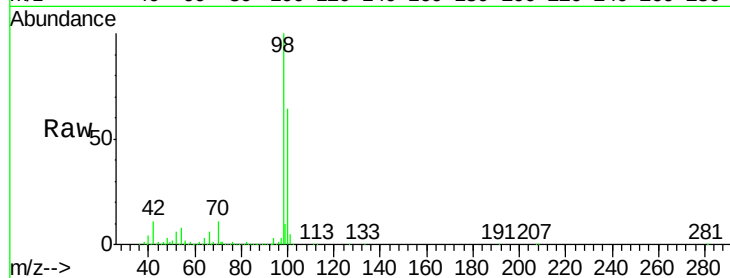
TILCON-FL-002

Tot Ion: 98 Resp: 802424

Ion Ratio Lower Upper

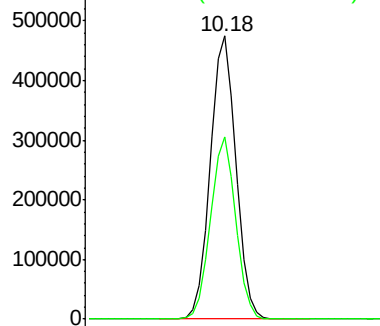
98 100

100 63.4 51.3 76.9

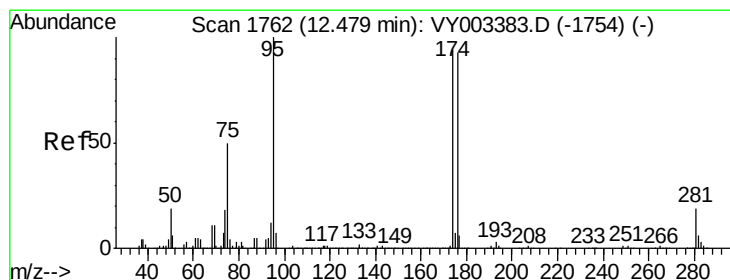
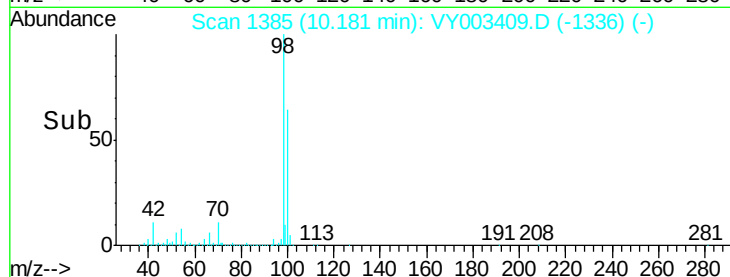


Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



Time-->



#62

4-Bromofluorobenzene

Concen: 49.861 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003409.D

Acq: 03 Aug 2020 12:03

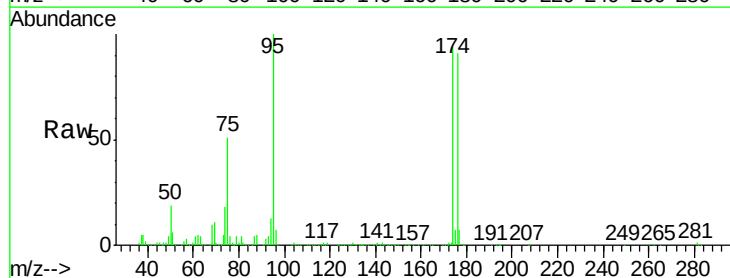
Tgt Ion: 95 Resp: 260629

Ion Ratio Lower Upper

95 100

174 94.9 0.0 190.0

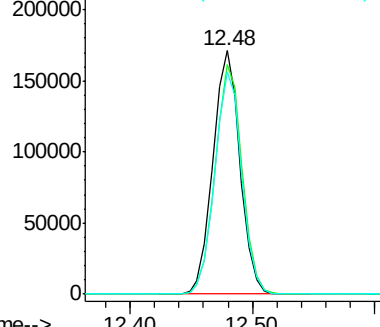
176 91.5 0.0 184.4



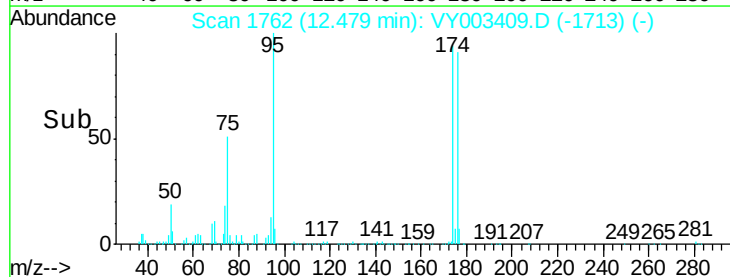
Abundance Ion 94.90 (94.60 to 95.60): VY0

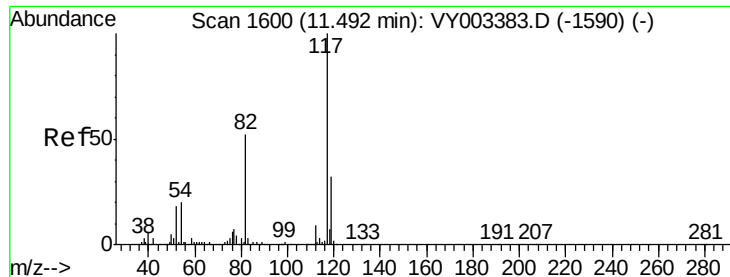
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

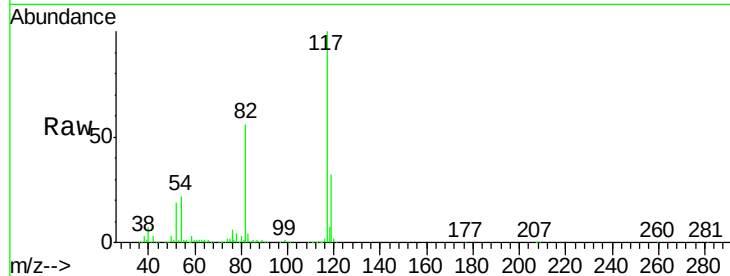




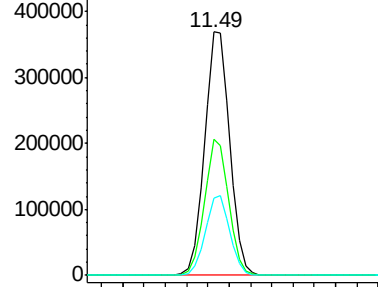
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003409.D
Acq: 03 Aug 2020 12:03

Instrument :
MSVOA_Y
ClientSampleId :
TILCON-FL-002

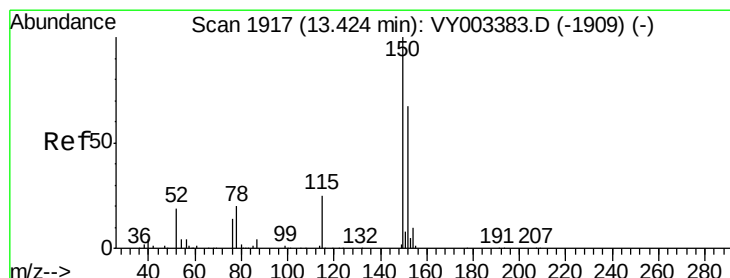
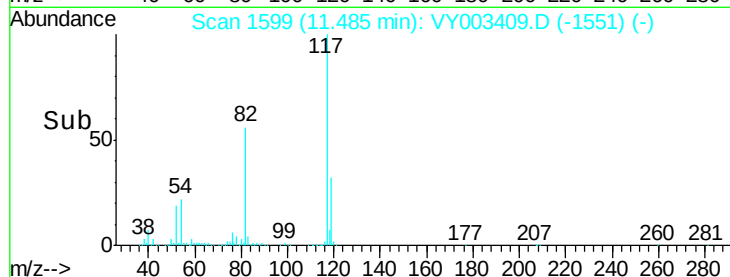
Tot Ion:117 Resp: 608471
Ion Ratio Lower Upper
117 100
82 55.7 41.9 62.9
119 31.8 25.4 38.0



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

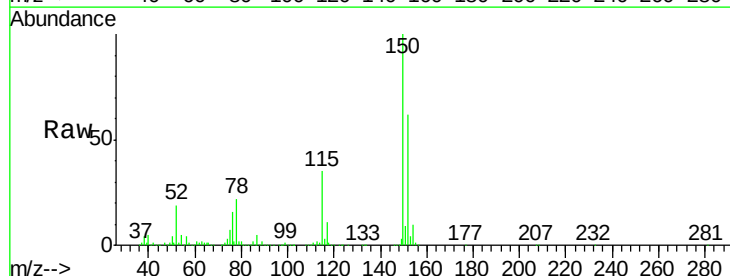


Time-->

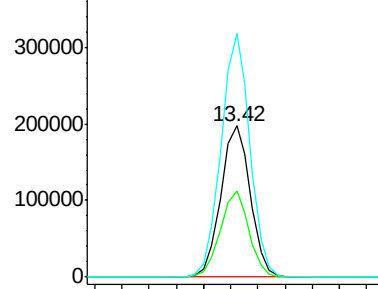


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003409.D
Acq: 03 Aug 2020 12:03

Tgt Ion:152 Resp: 299848
Ion Ratio Lower Upper
152 100
115 55.2 27.2 81.5
150 157.2 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



Time-->

