

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 01:30:53 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

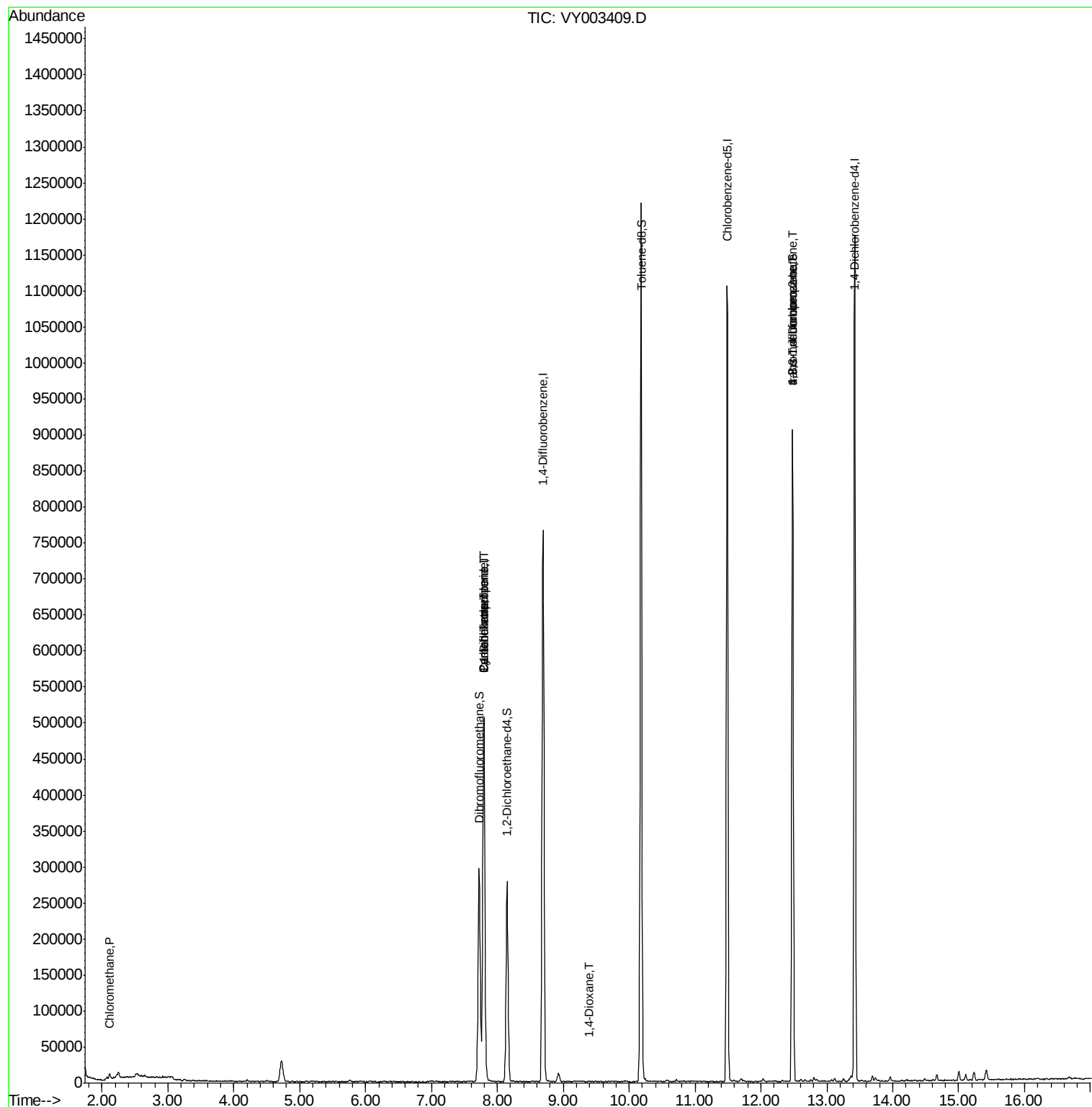
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	421347	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	663232	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	608471	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	299848	50.00	ug/l	0.00
System Monitoring Compounds						
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						
3) Chloromethane	2.12	50	6080	1.287	ug/l	90
11) Tert butyl alcohol	4.95	59	241	Below Cal	#	73
20) Methylene Chloride	4.72	84	22486	Below Cal		96
31) Cyclohexane	7.80	56	7839	1.104	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	29112	4.638	ug/l #	50
38) Carbon Tetrachloride	7.80	117	37676	5.834	ug/l #	16
49) 1,4-Dioxane	9.39	88	109	3.292	ug/l #	41
76) 1,2,3-Trichloropropane	12.48	75	134805	50.045	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	134805	94.647	ug/l #	15

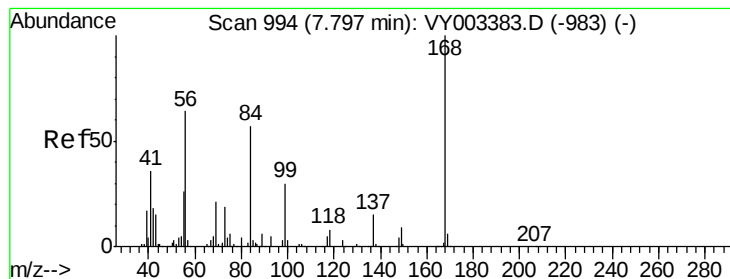
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#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 :

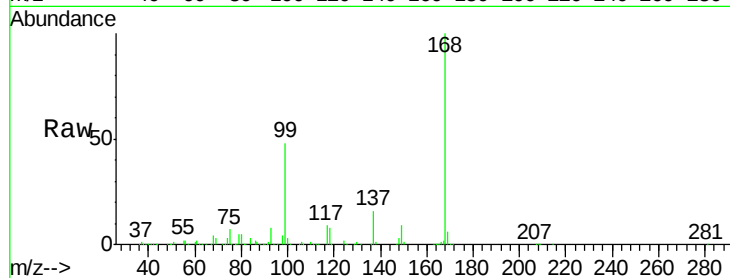
TILCON-FL-002

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): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

200000

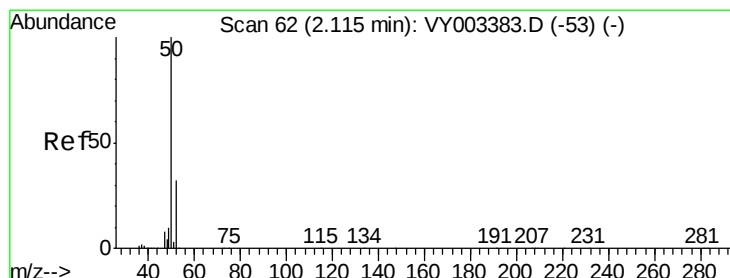
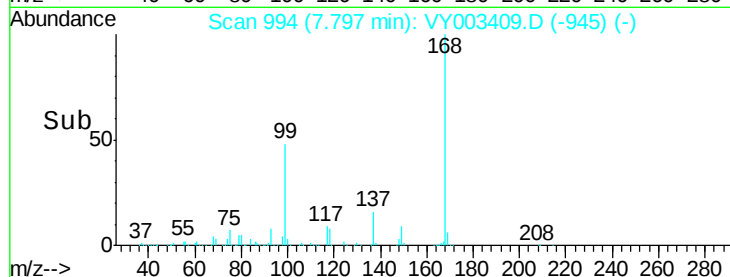
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 1.287 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003409.D

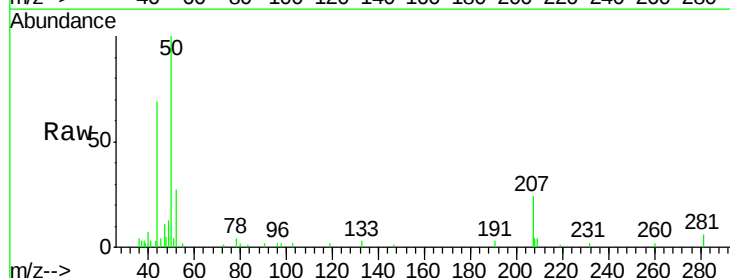
Acq: 03 Aug 2020 12:03

Tgt Ion: 50 Resp: 6080

Ion Ratio Lower Upper

50 100

52 26.6 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

4000

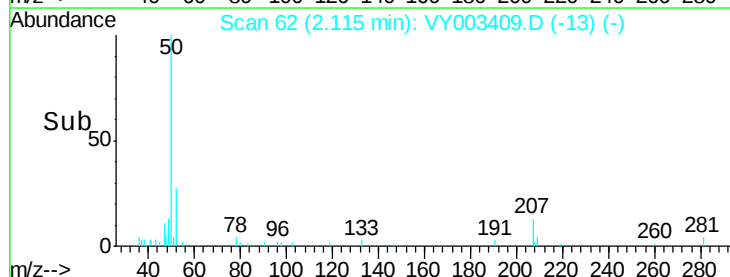
3000

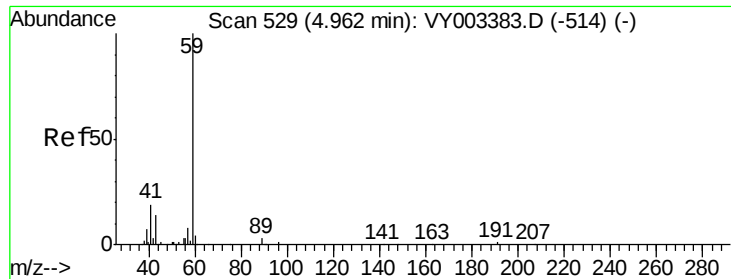
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1000

0

Time-->



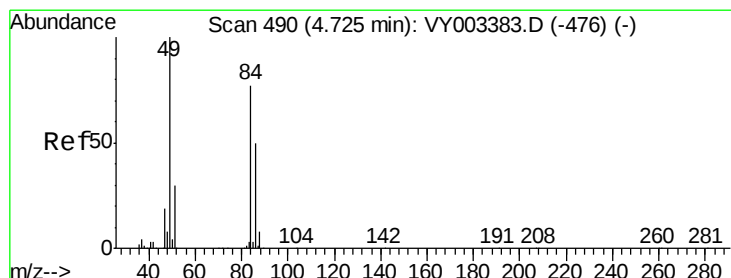
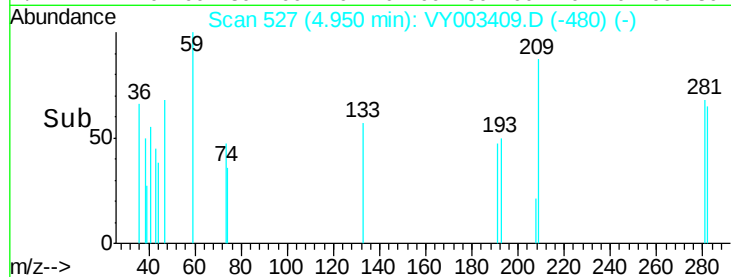
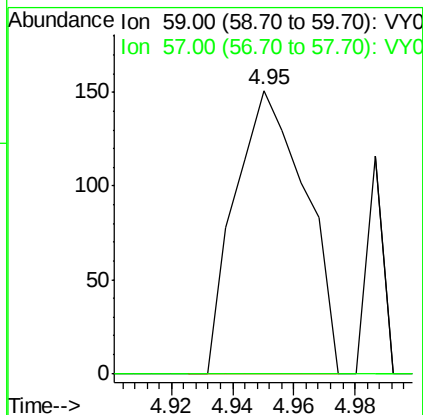
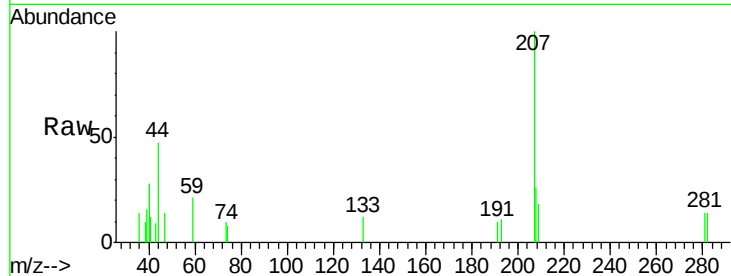


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 4.95 min Scan# 527
 Delta R.T. -0.01 min
 Lab File: VY003409.D
 Acq: 03 Aug 2020 12:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 TILCON-FL-002

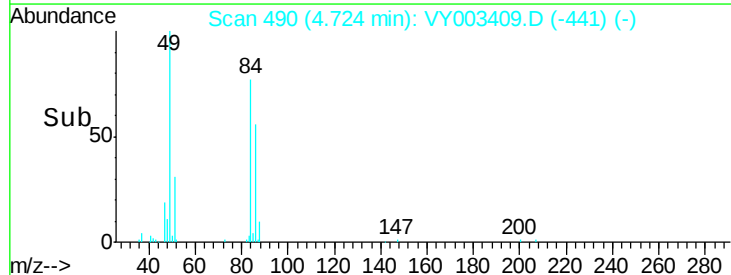
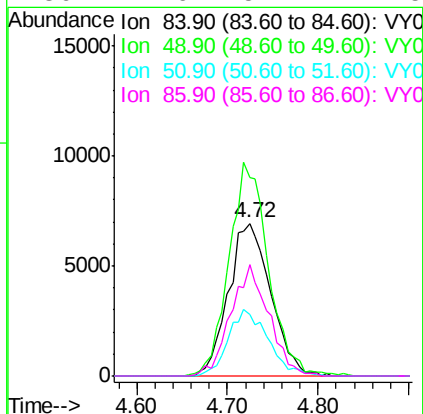
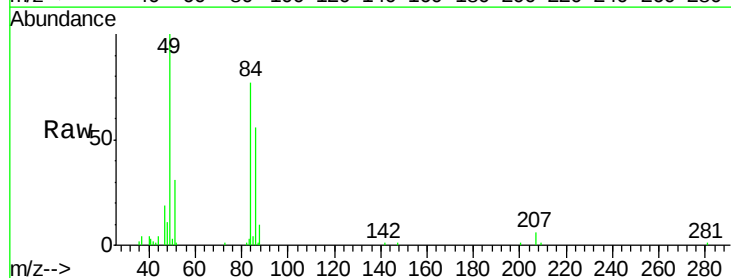
Tot Ion: 59 Resp: 241
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.0 12.0#

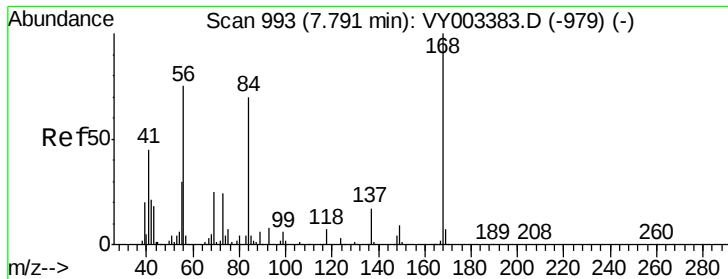


#20

Methylene Chloride
 Concen: Below Cal
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY003409.D
 Acq: 03 Aug 2020 12:03

Tgt Ion: 84 Resp: 22486
 Ion Ratio Lower Upper
 84 100
 49 128.7 104.2 156.4
 51 40.4 31.5 47.3
 86 72.6 51.7 77.5

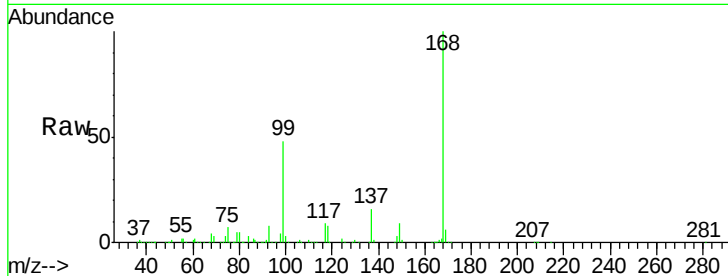




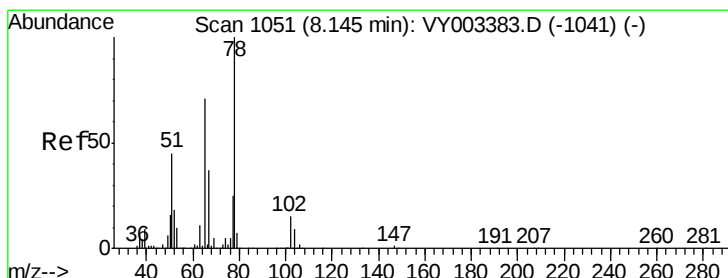
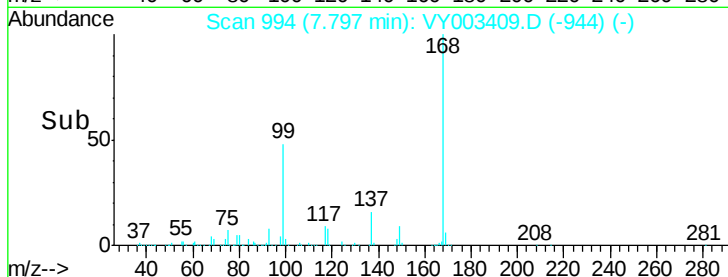
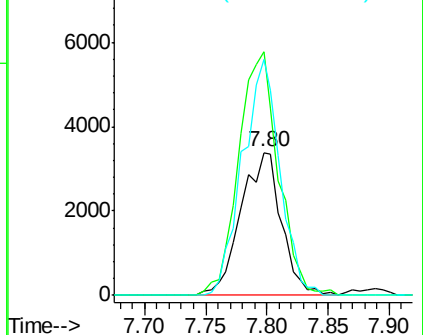
#31
Cvclohexane
Concen: 1.104 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY003409.D
Acq: 03 Aug 2020 12:03

Instrument :
MSVOA_Y
ClientSampleId :
TILCON-FL-002

Tot Ion: 56 Resp: 7839
Ion Ratio Lower Upper
56 100
69 170.3 26.1 39.1#
84 165.0 73.9 110.9#

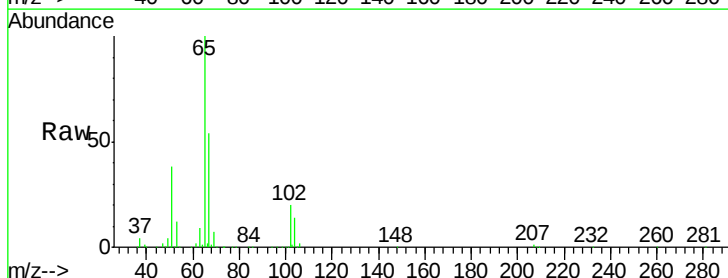


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

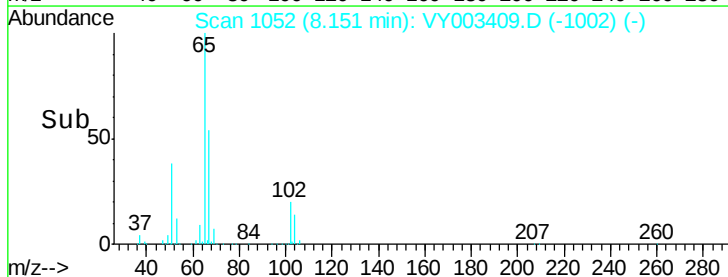
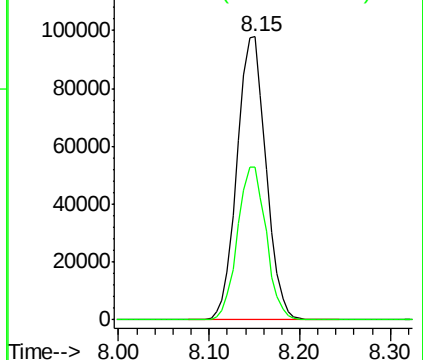


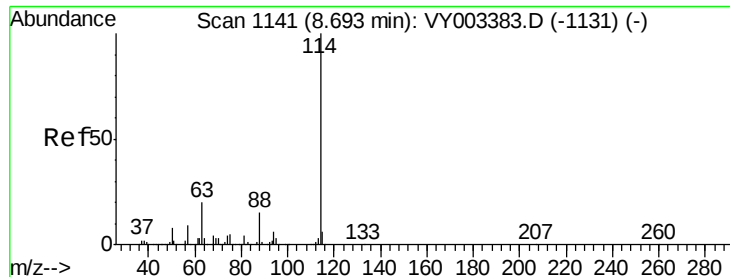
#33
1,2-Dichloroethane-d4
Concen: 54.275 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VY003409.D
Acq: 03 Aug 2020 12:03

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): VY0
Ion 66.90 (66.60 to 67.60): VY0

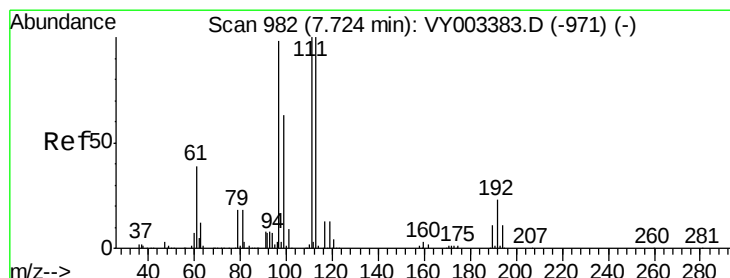
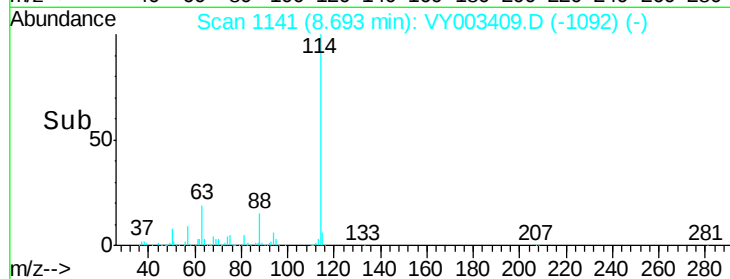
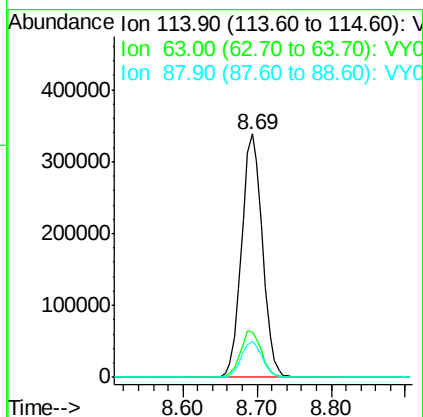
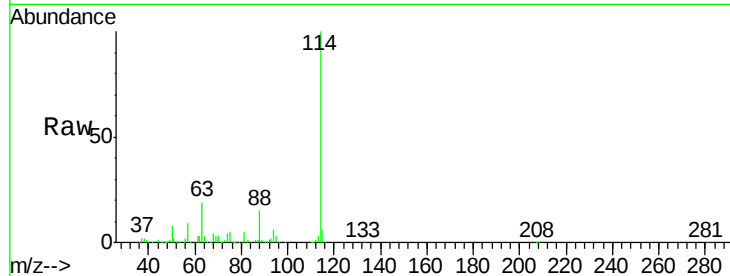




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003409.D
 Acq: 03 Aug 2020 12:03

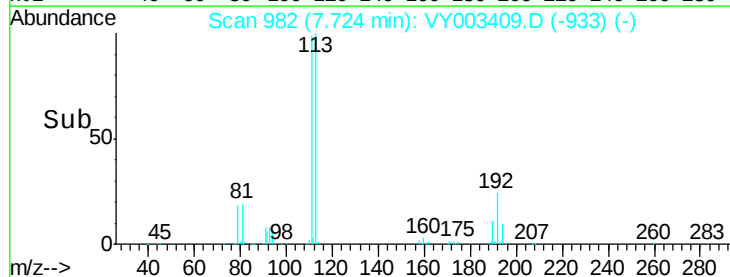
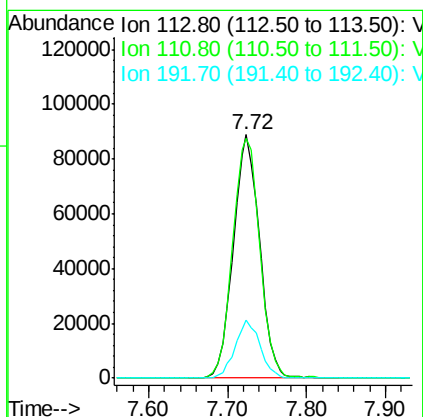
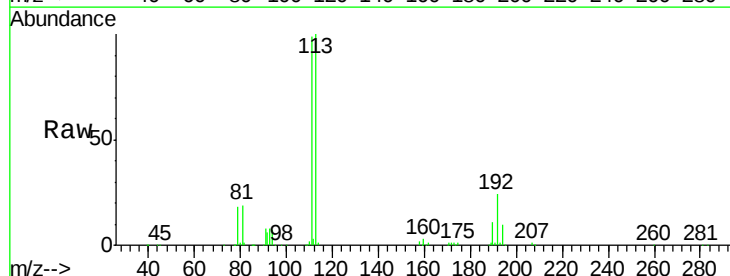
Instrument :
 MSVOA_Y
 ClientSampleId :
 TILCON-FL-002

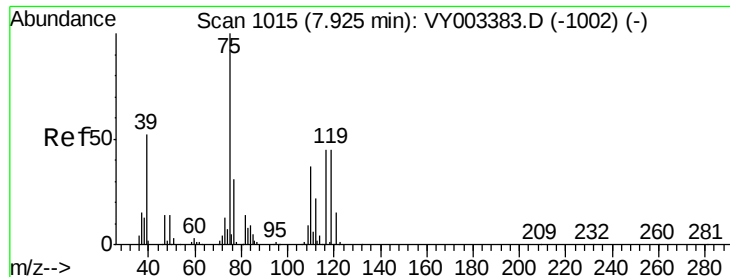
Tot Ion:114 Resp: 663232
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 40.6
 88 14.7 0.0 29.2



#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

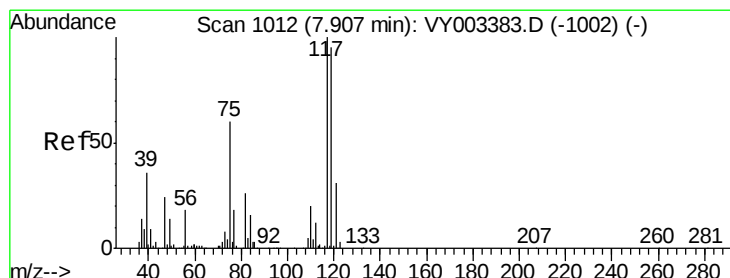
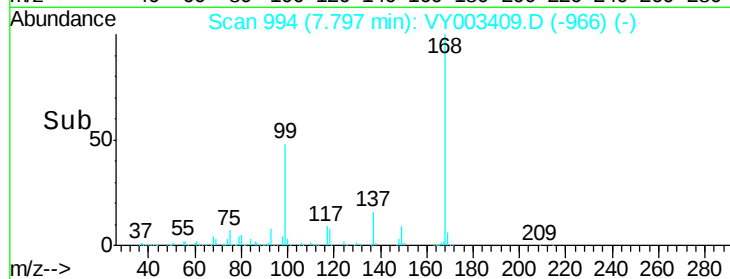
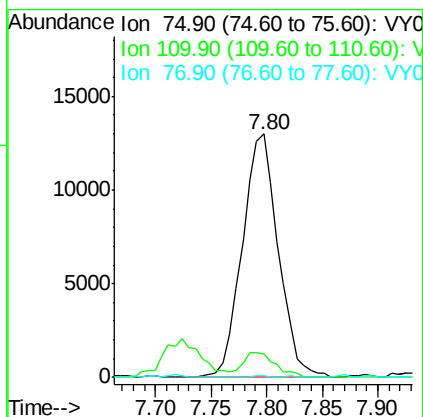
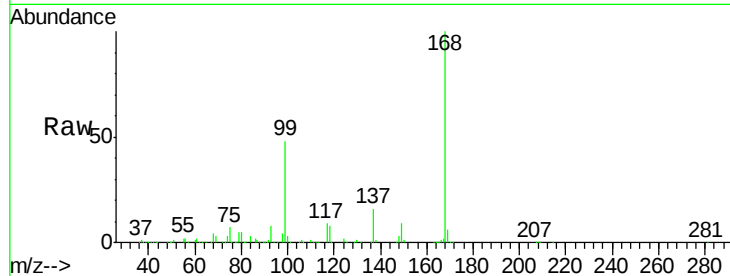




#36
 1,1-Dichloropropene
 Concen: 4.638 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY003409.D
 Acq: 03 Aug 2020 12:03

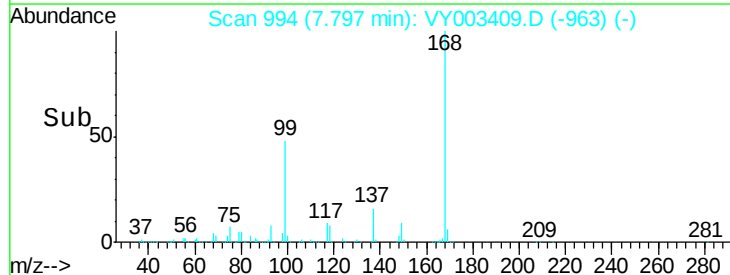
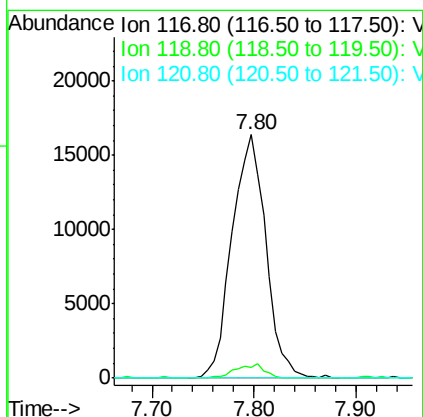
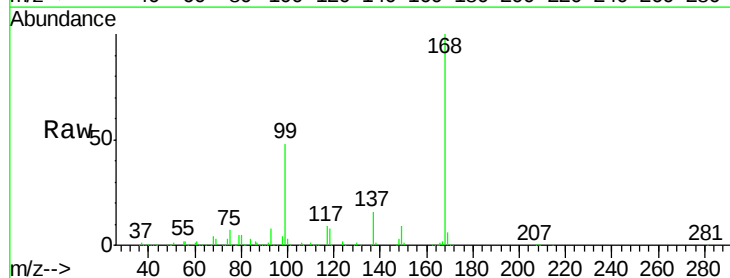
Instrument :
 MSVOA_Y
 ClientSampleId :
 TILCON-FL-002

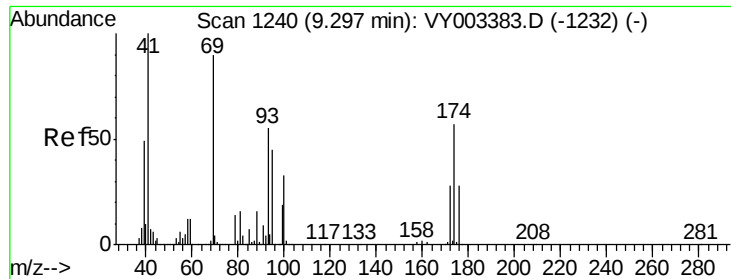
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.3	17.8	53.5#
77	0.2	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 5.834 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY003409.D
 Acq: 03 Aug 2020 12:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.2	76.1	114.1#
121	0.0	24.5	36.7#





#49

1,4-Dioxane

Concen: 3.292 ug/l

RT: 9.39 min Scan# 1256

Delta R.T. 0.10 min

Lab File: VY003409.D

Acq: 03 Aug 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

TILCON-FL-002

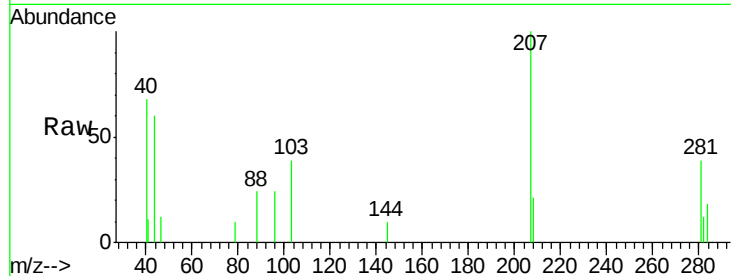
Tot Ion: 88 Resp: 109

Ion Ratio Lower Upper

88 100

43 28.4 24.9 37.3

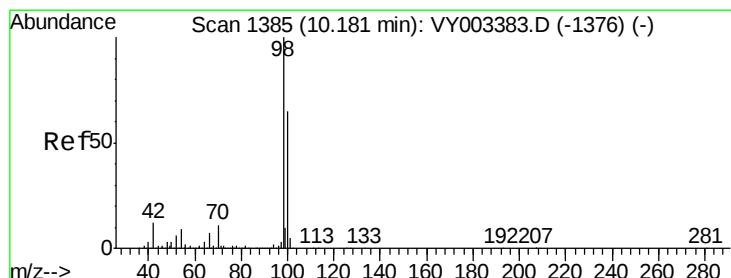
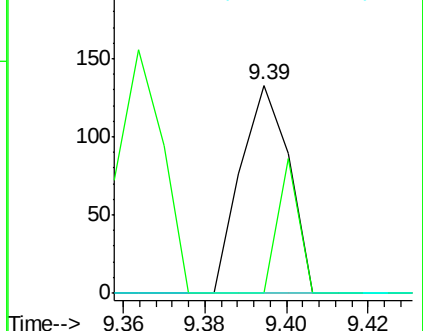
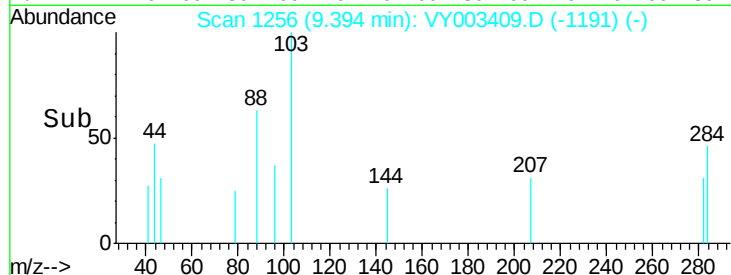
58 0.0 54.3 81.5#



Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 52.451 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003409.D

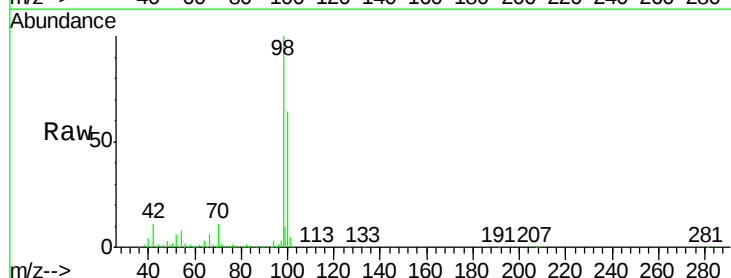
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Tgt Ion: 98 Resp: 802424

Ion Ratio Lower Upper

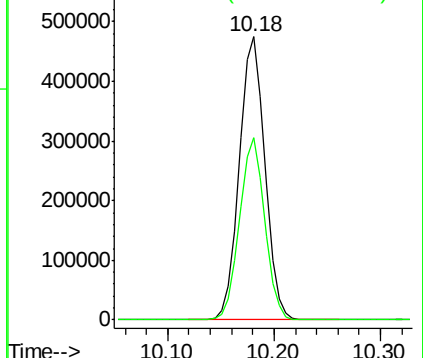
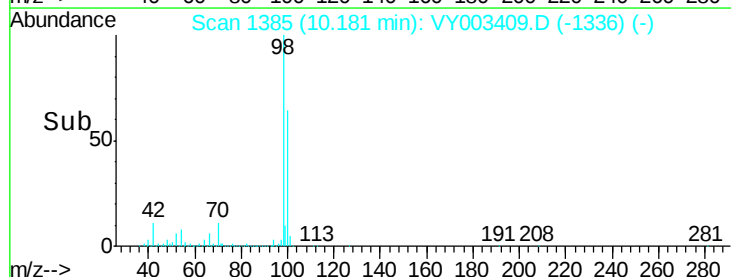
98 100

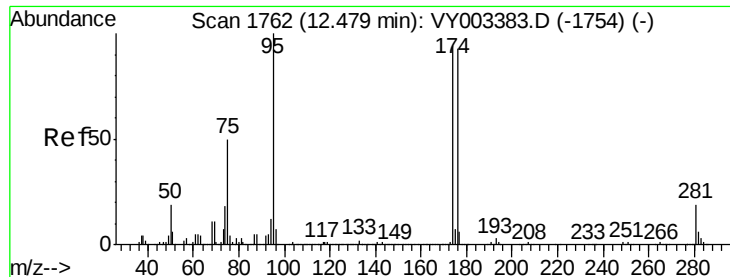
100 63.4 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





#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

Instrument :

MSVOA_Y

ClientSampleId :

TILCON-FL-002

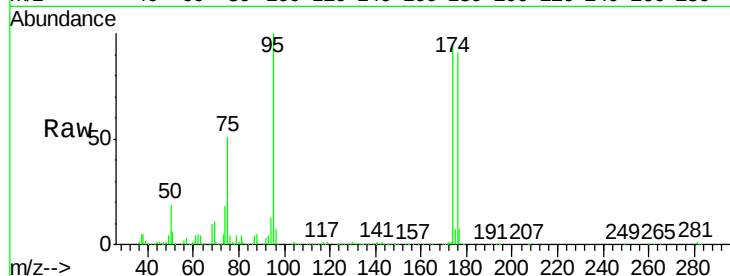
Tot Ion: 95 Resp: 260629

Ion Ratio Lower Upper

95 100

174 94.9 0.0 190.0

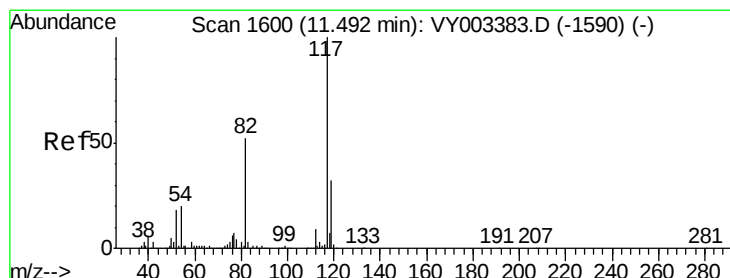
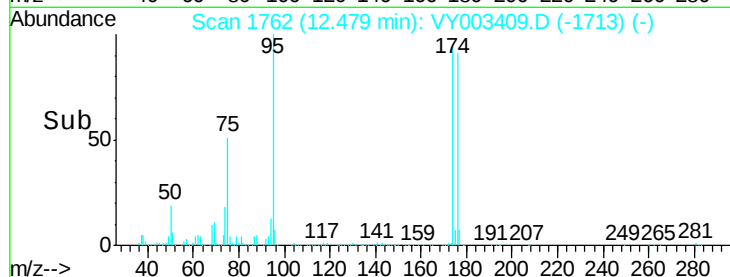
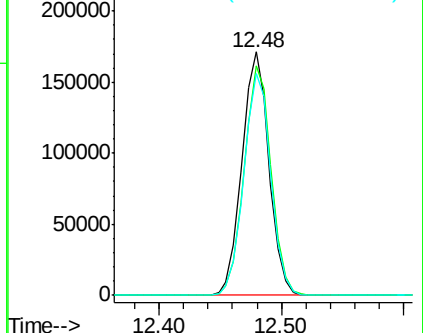
176 91.5 0.0 184.4



Abundance Ion 94.90 (94.60 to 95.60): VY003383.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY003383.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY003383.D (-1754) (-)



#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

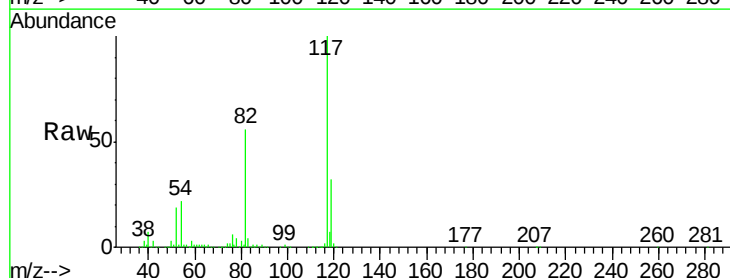
Tgt Ion: 117 Resp: 608471

Ion Ratio Lower Upper

117 100

82 55.7 41.9 62.9

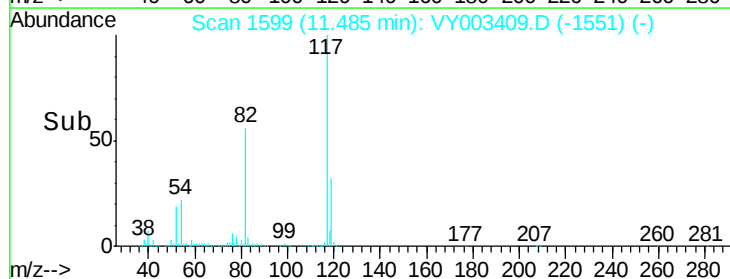
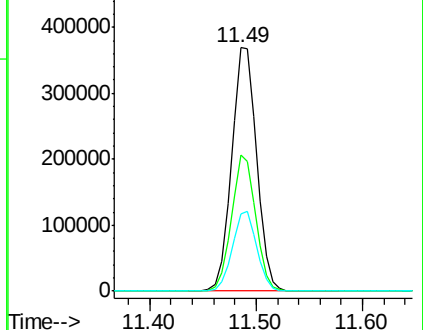
119 31.8 25.4 38.0

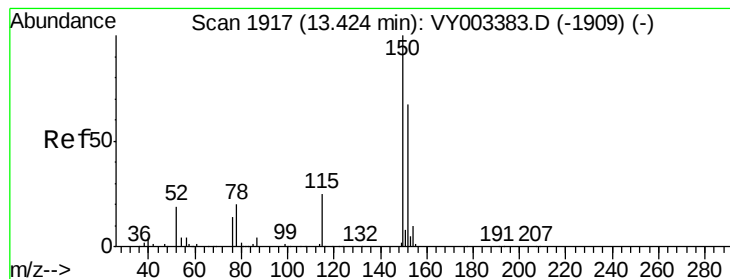


Abundance Ion 116.90 (116.60 to 117.60): VY003383.D (-1590) (-)

Ion 82.00 (81.70 to 82.70): VY003383.D (-1590) (-)

Ion 118.90 (118.60 to 119.60): VY003383.D (-1590) (-)



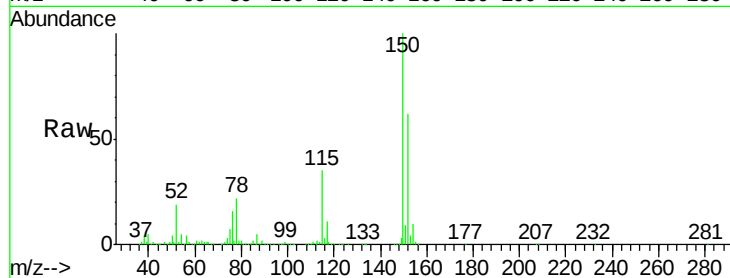


#72

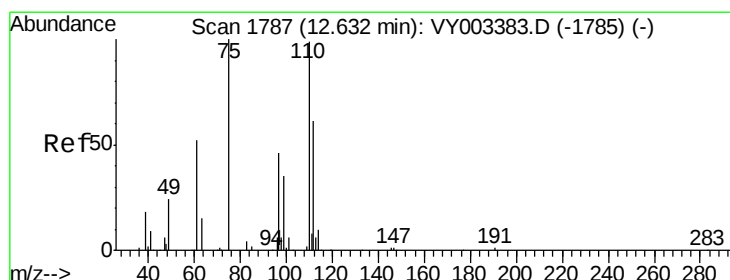
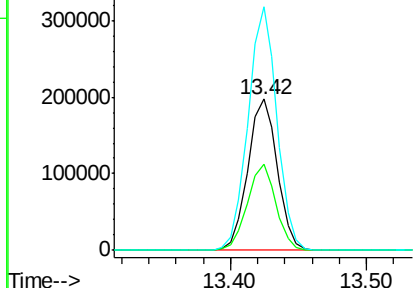
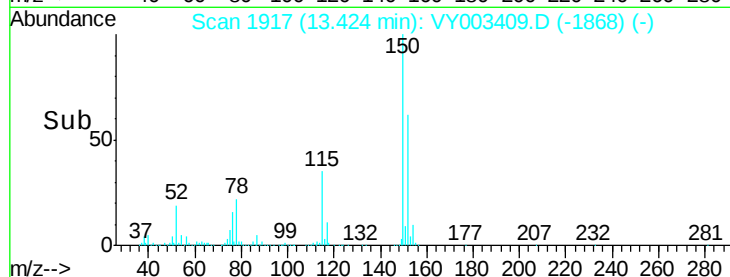
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003409.D
Acq: 03 Aug 2020 12:03

Instrument :
MSVOA_Y
ClientSampleId :
TILCON-FL-002

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.2	81.5
150	157.2	0.0	346.8



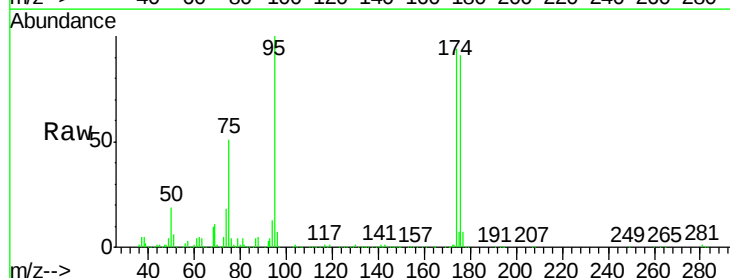
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



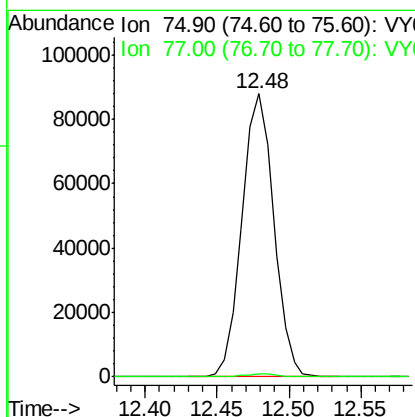
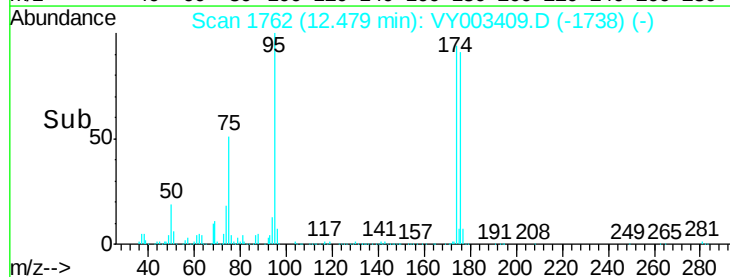
#76

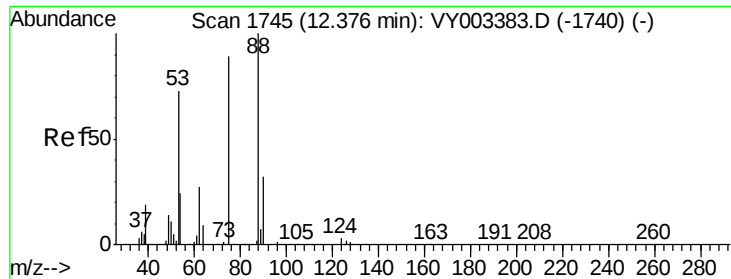
1,2,3-Trichloropropane
Concen: 50.045 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003409.D
Acq: 03 Aug 2020 12:03

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#81

trans-1,4-Dichloro-2-butene

Concen: 94.647 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003409.D

Acq: 03 Aug 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

TILCON-FL-002

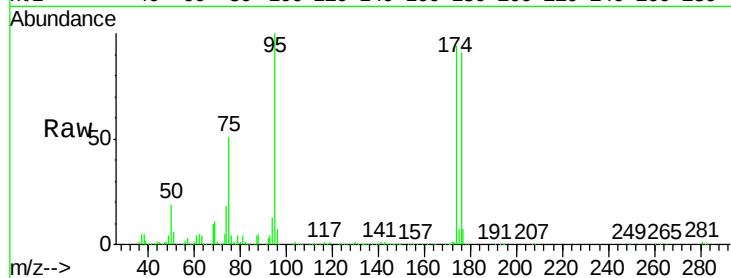
Tot Ion: 75 Resp: 134805

Ion Ratio Lower Upper

75 100

53 0.0 69.5 104.3#

89 0.0 33.8 50.6#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

