

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY051220\
 Data File : VY002668.D
 Acq On : 12 May 2020 15:01
 Operator : SY/MD
 Sample : L2594-04
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-02-056-B

Quant Time: May 13 02:25:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	346949	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	539249	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	472178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	214427	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	148674	50.96	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	101.92%	
35) Dibromofluoromethane	7.72	113	159816	51.82	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	103.64%	
50) Toluene-d8	10.18	98	626368	52.01	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	104.02%	
62) 4-Bromofluorobenzene	12.48	95	195499	47.84	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	95.68%	

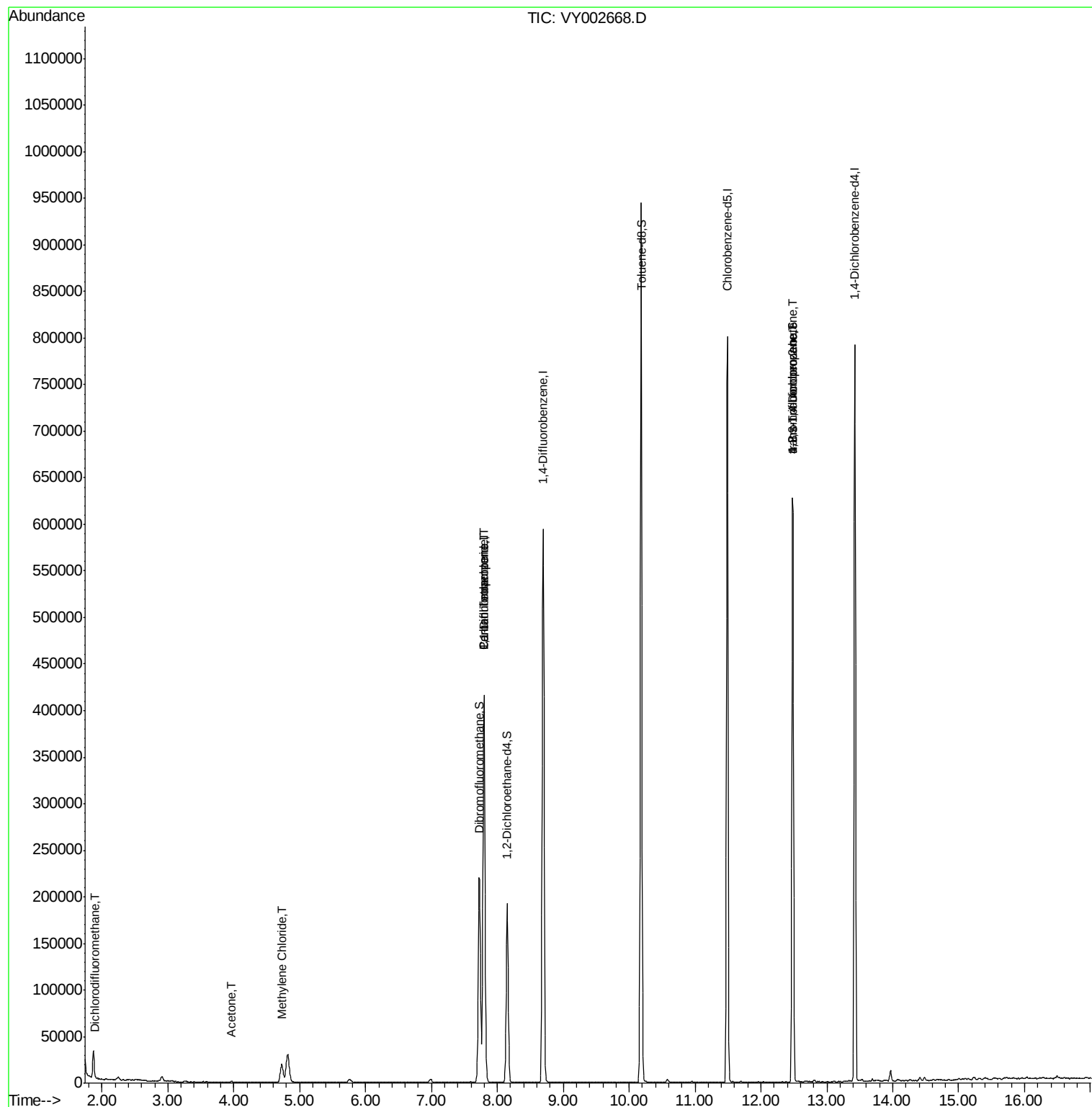
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	149	1.83	ug/l #	43
16) Acetone	3.96	43	1546	2.57	ug/l #	87
20) Methylene Chloride	4.73	84	15292	4.54	ug/l	96
36) 1,1-Dichloropropene	7.80	75	21185	4.69	ug/l #	49
38) Carbon Tetrachloride	7.80	117	30207	6.12	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	93684	49.16	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	93684	98.58	ug/l #	15

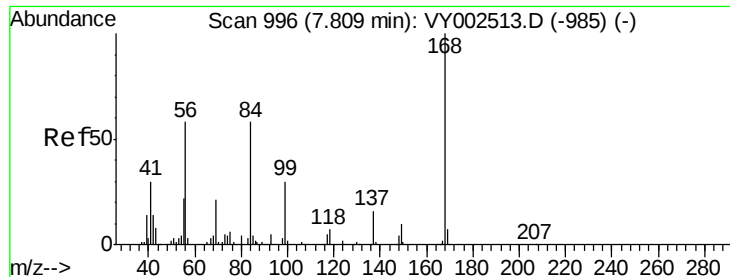
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY051220\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002668.D

Acq: 12 May 2020 15:01

Instrument :

MSVOA_Y

ClientSampleId :

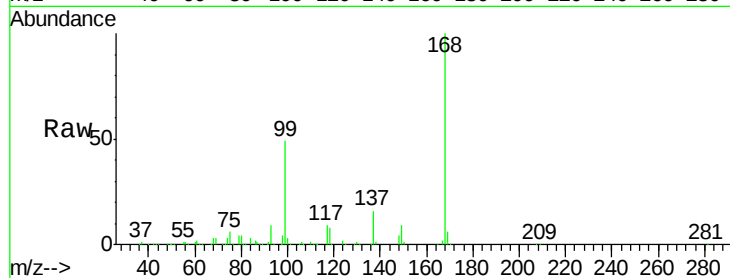
FK-GF-02-056-B

Tgt Ion:168 Resp: 346949

Ion Ratio Lower Upper

168 100

99 48.7 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.80

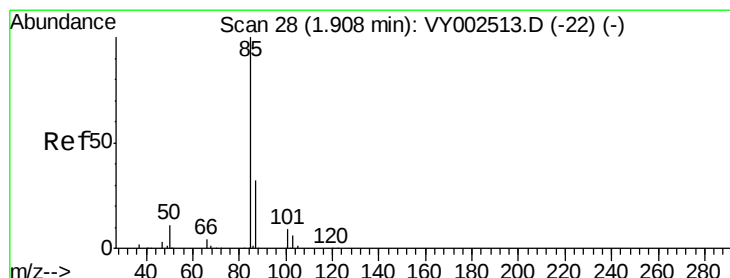
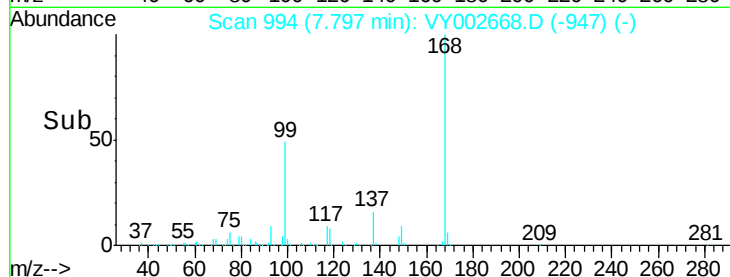
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.83 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.01 min

Lab File: VY002668.D

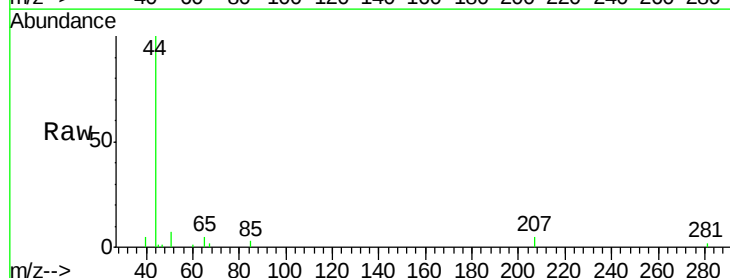
Acq: 12 May 2020 15:01

Tgt Ion: 85 Resp: 149

Ion Ratio Lower Upper

85 100

87 0.0 15.8 47.4#



Abundance Ion 84.90 (84.60 to 85.60): VY002513.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002513.D (-22) (-)

1.90

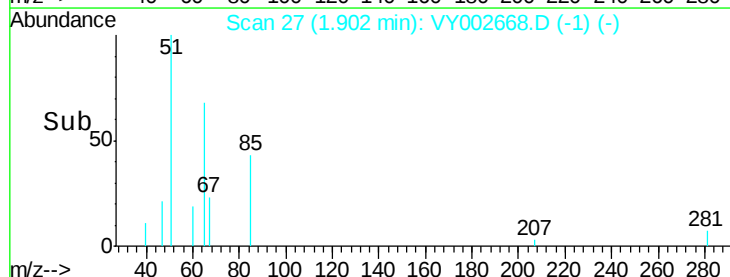
150

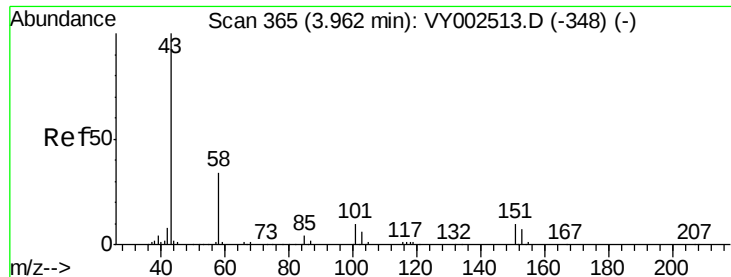
100

50

0

Time-->





#16

Acetone

Concen: 2.57 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY002668.D

Acq: 12 May 2020 15:01

Instrument :

MSVOA_Y

ClientSampleId :

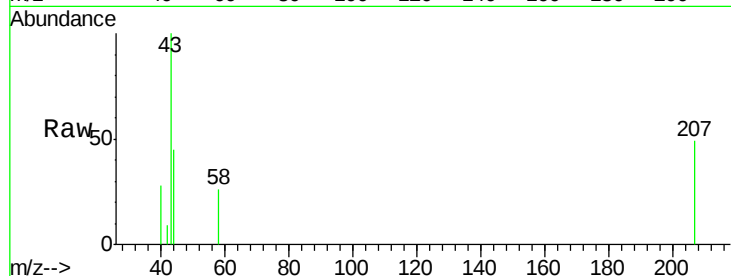
FK-GF-02-056-B

Tgt Ion: 43 Resp: 1546

Ion Ratio Lower Upper

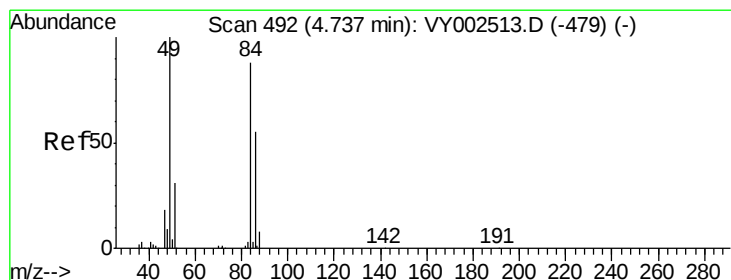
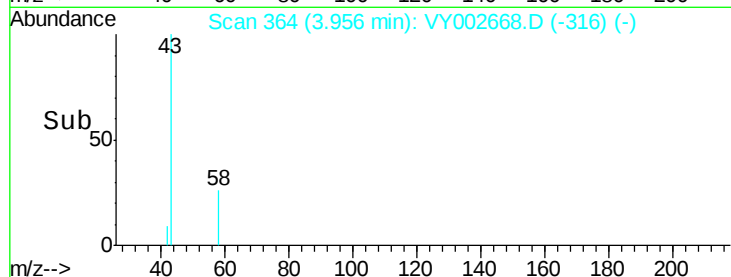
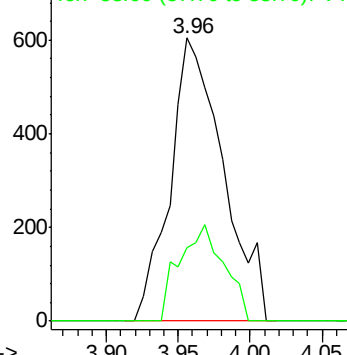
43 100

58 26.2 26.9 40.3#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#20

Methylene Chloride

Concen: 4.54 ug/l

RT: 4.73 min Scan# 491

Delta R.T. -0.01 min

Lab File: VY002668.D

Acq: 12 May 2020 15:01

Tgt Ion: 84 Resp: 15292

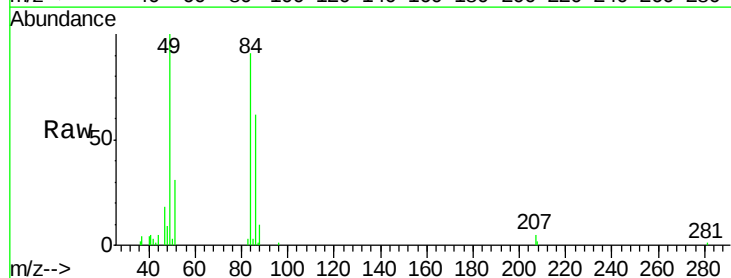
Ion Ratio Lower Upper

84 100

49 110.3 90.5 135.7

51 33.8 28.3 42.5

86 67.9 49.9 74.9

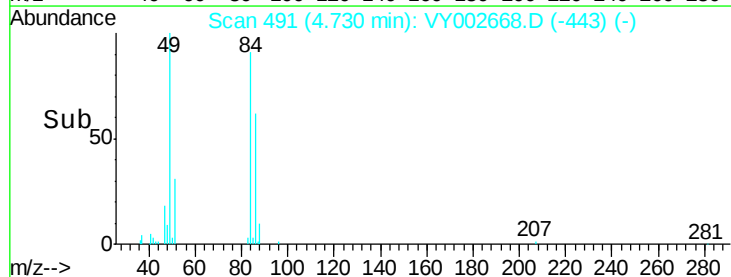
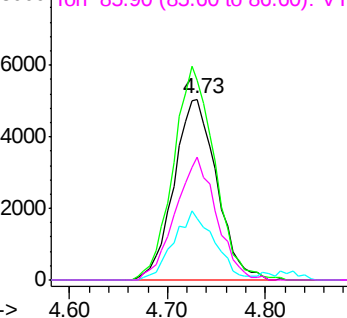


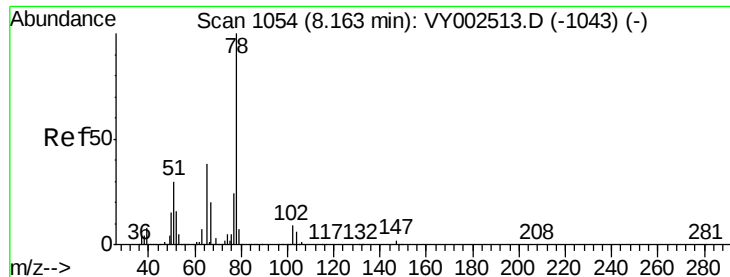
Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0

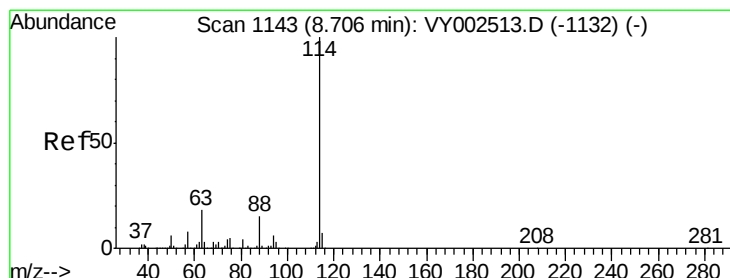
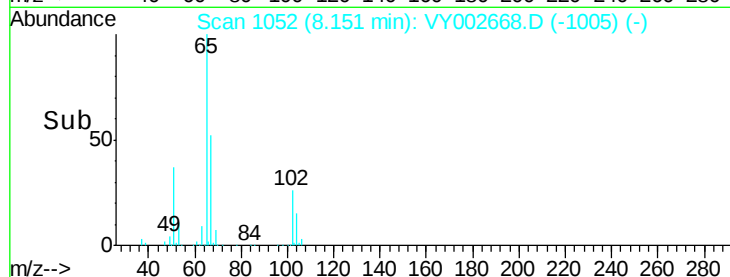
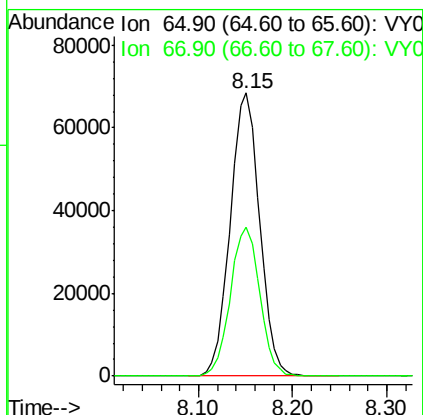
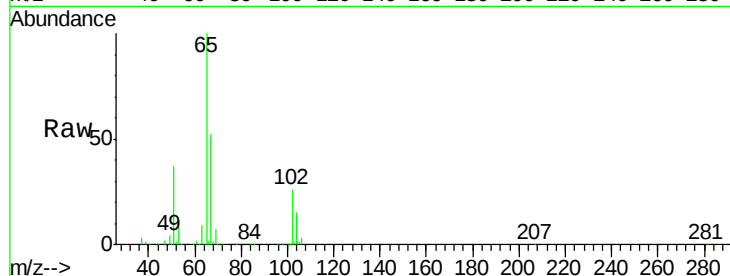




#33
 1,2-Dichloroethane-d4
 Concen: 50.96 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002668.D
 Acq: 12 May 2020 15:01

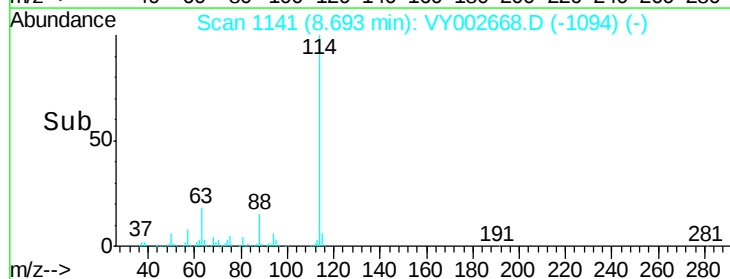
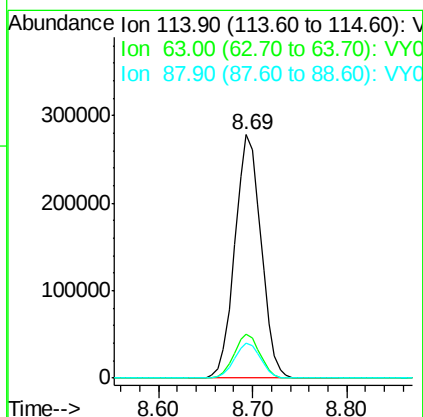
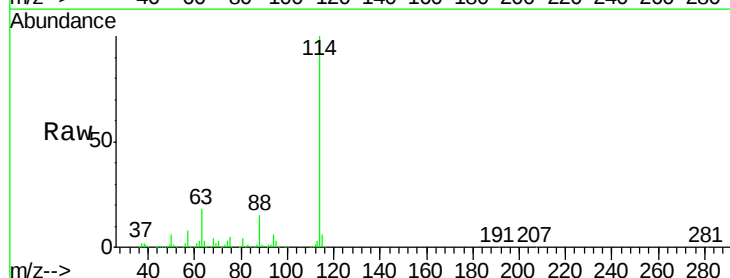
Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-02-056-B

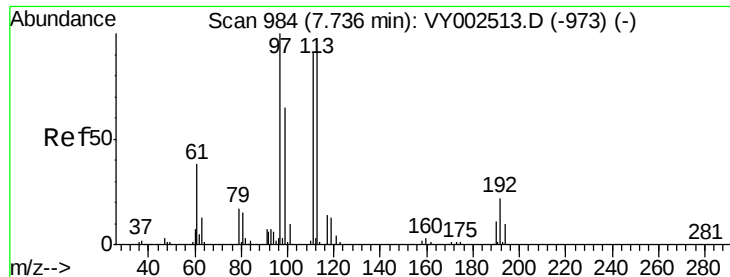
Tgt Ion: 65 Resp: 148674
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY002668.D
 Acq: 12 May 2020 15:01

Tgt Ion: 114 Resp: 539249
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 36.4
 88 14.6 0.0 29.6

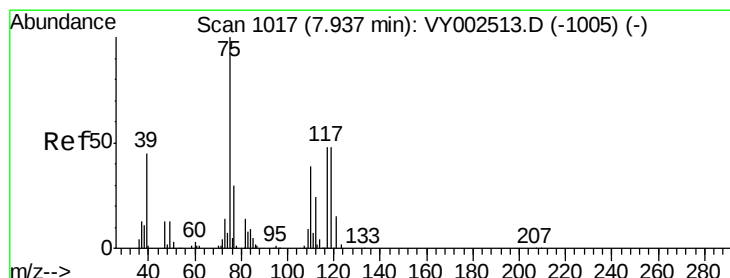
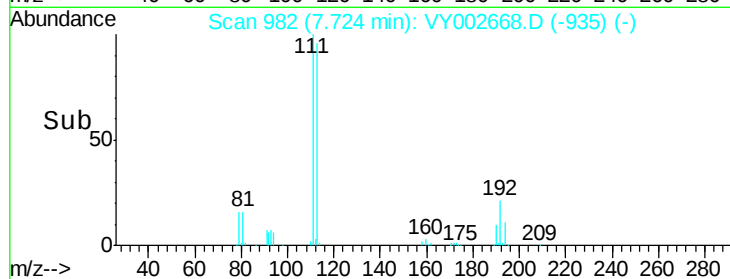
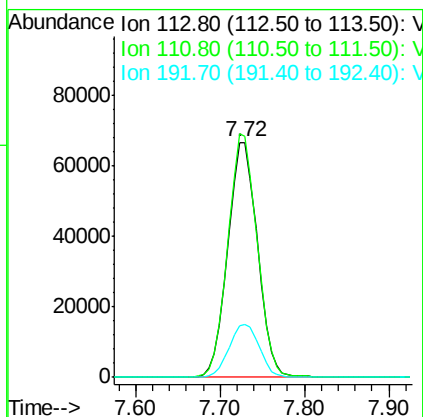
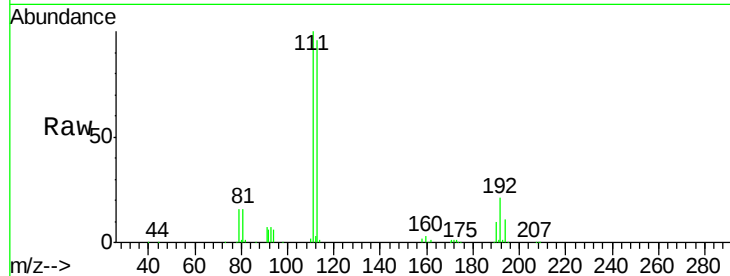




#35
 Dibromofluoromethane
 Concen: 51.82 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002668.D
 Acq: 12 May 2020 15:01

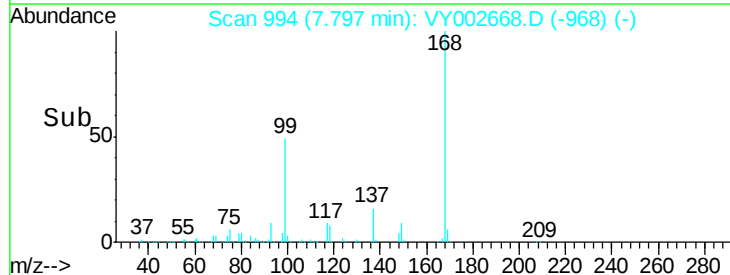
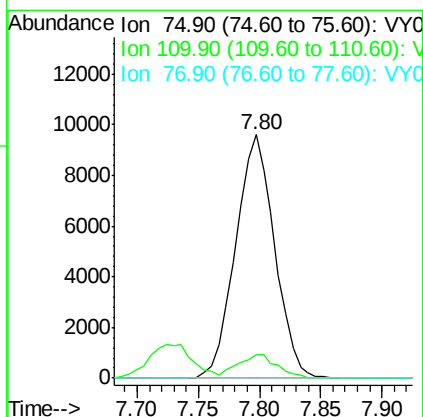
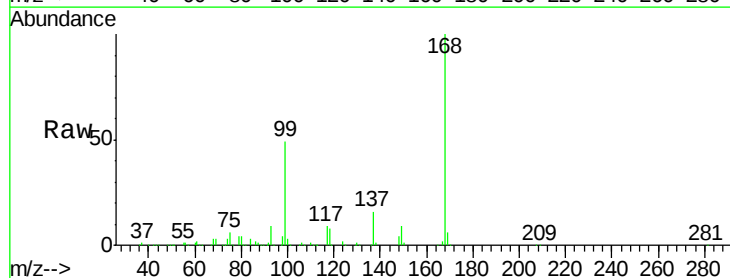
Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-02-056-B

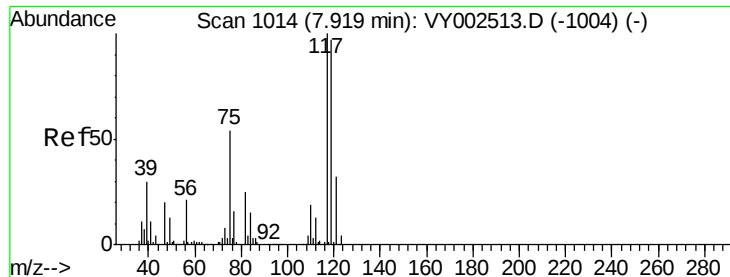
Tgt Ion: 113 Resp: 159816
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.8 122.6
 192 23.0 18.2 27.4



#36
 1,1-Dichloropropene
 Concen: 4.69 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.14 min
 Lab File: VY002668.D
 Acq: 12 May 2020 15:01

Tgt Ion: 75 Resp: 21185
 Ion Ratio Lower Upper
 75 100
 110 9.7 19.1 57.3#
 77 0.0 24.6 37.0#

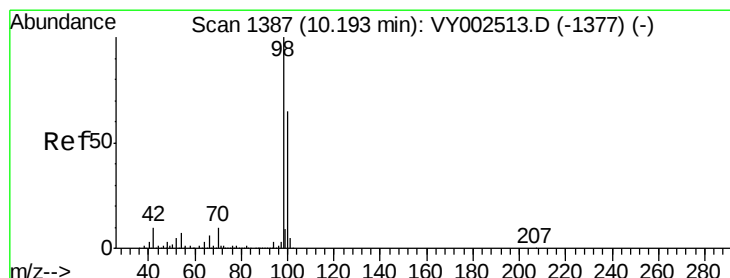
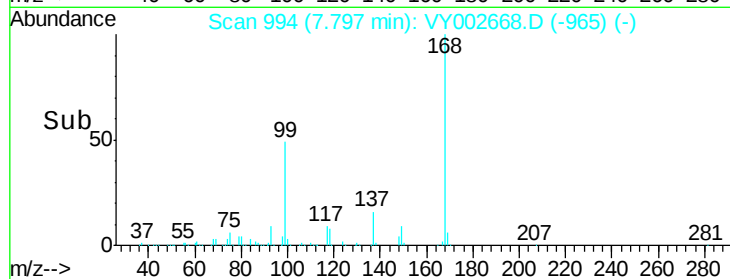
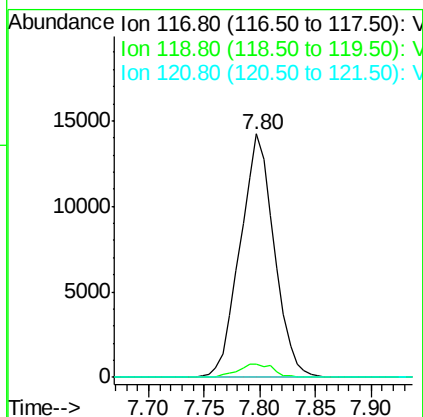
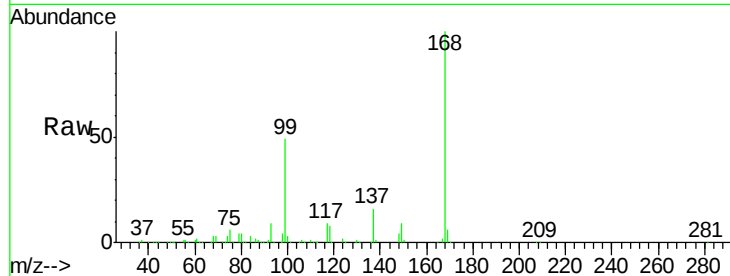




#38
Carbon Tetrachloride
Concen: 6.12 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY002668.D
Acq: 12 May 2020 15:01

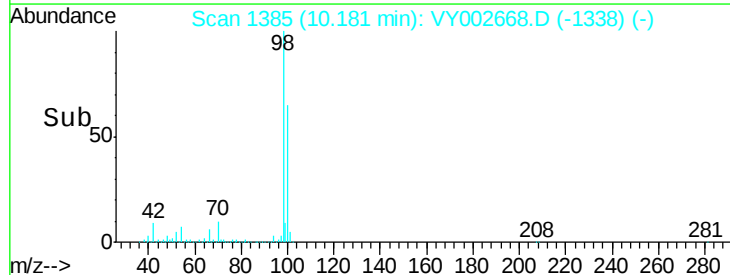
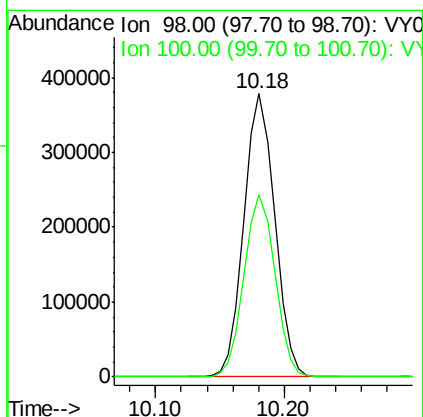
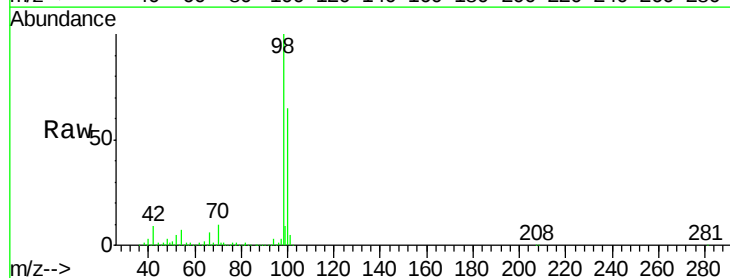
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ClientSampleId :
FK-GF-02-056-B

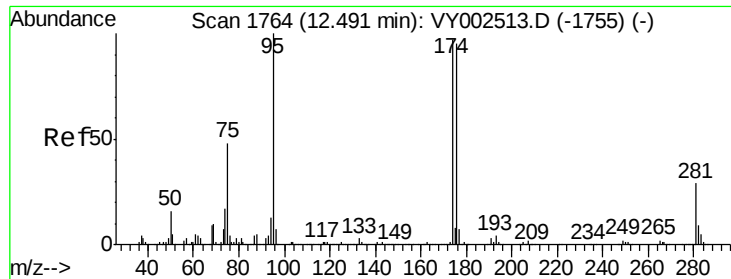
Tgt Ion:117 Resp: 30207
Ion Ratio Lower Upper
117 100
119 5.4 77.1 115.7#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 52.01 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY002668.D
Acq: 12 May 2020 15:01

Tgt Ion: 98 Resp: 626368
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2

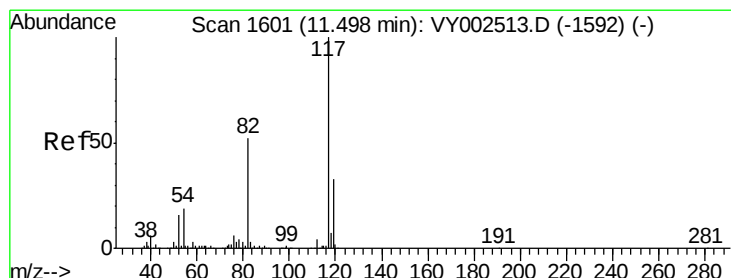
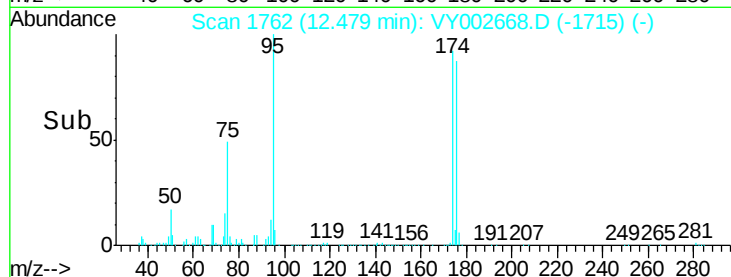
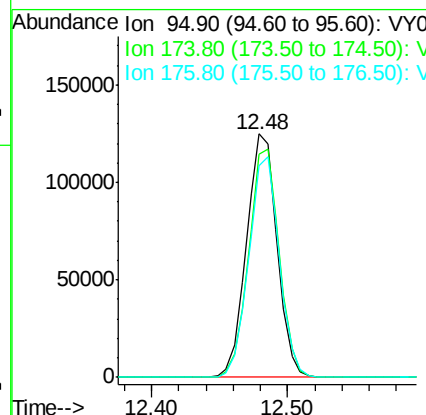
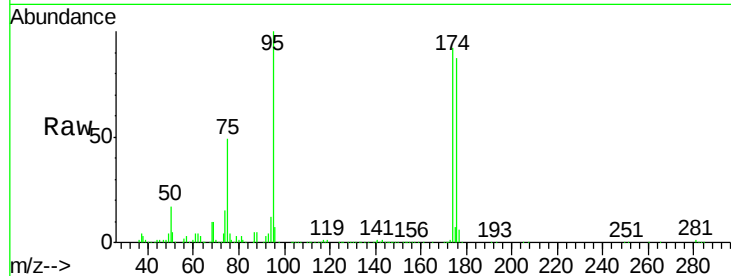




#62
 4-Bromofluorobenzene
 Concen: 47.84 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY002668.D
 Acq: 12 May 2020 15:01

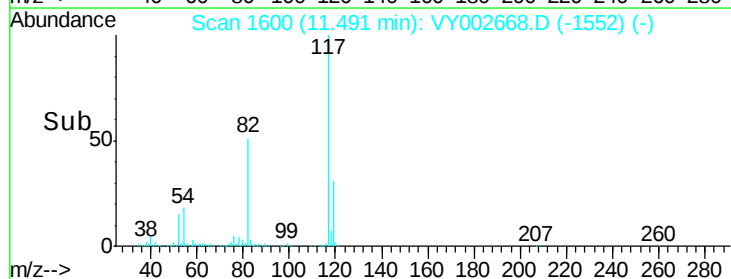
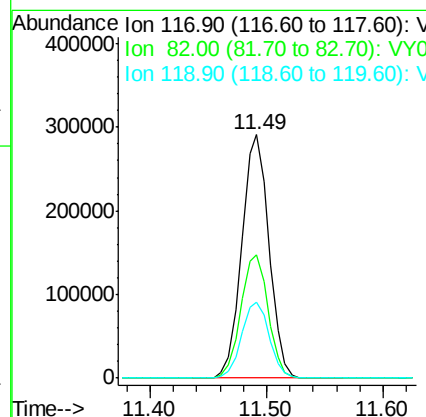
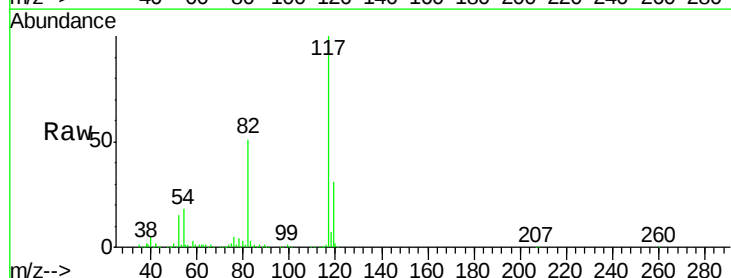
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 FK-GF-02-056-B

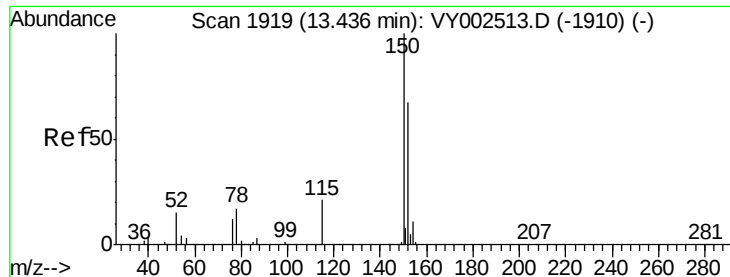
Tgt Ion	Ratio	Resp	Lower	Upper
95	100	195499		
174	93.8	0.0	188.8	
176	90.5	0.0	183.2	



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.49 min Scan# 1600
 Delta R.T. -0.01 min
 Lab File: VY002668.D
 Acq: 12 May 2020 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	472178		
82	50.5	41.3	61.9	
119	31.0	26.0	39.0	





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY002668.D

Acq: 12 May 2020 15:01

Instrument :

MSVOA_Y

ClientSampleId :

FK-GF-02-056-B

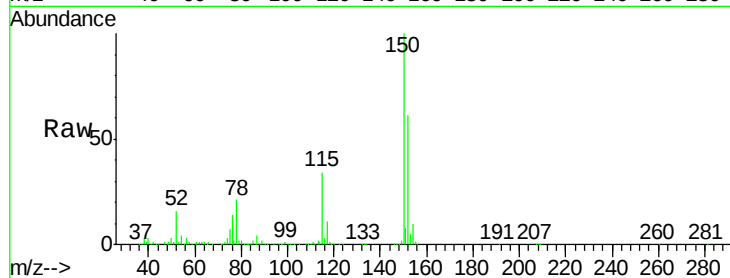
Tgt Ion: 152 Resp: 214427

Ion Ratio Lower Upper

152 100

115 54.4 27.5 82.4

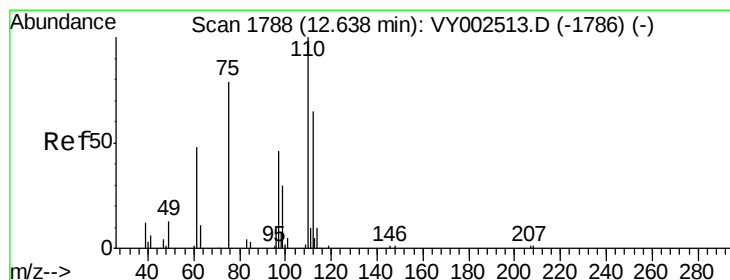
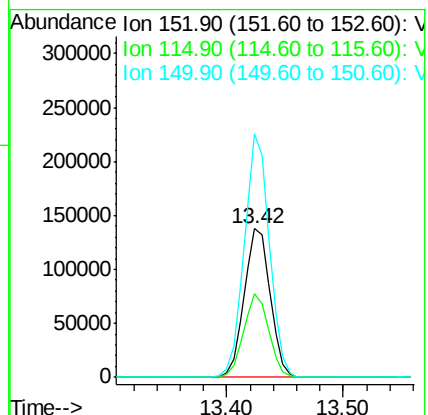
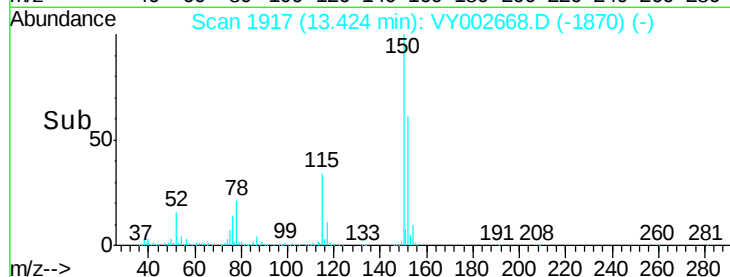
150 158.3 0.0 346.4



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



#76

1,2,3-Trichloropropane

Concen: 49.16 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.16 min

Lab File: VY002668.D

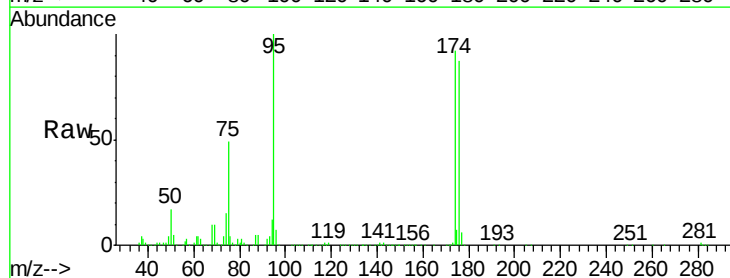
Acq: 12 May 2020 15:01

Tgt Ion: 75 Resp: 93684

Ion Ratio Lower Upper

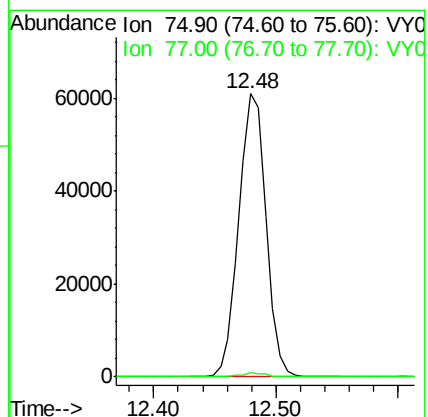
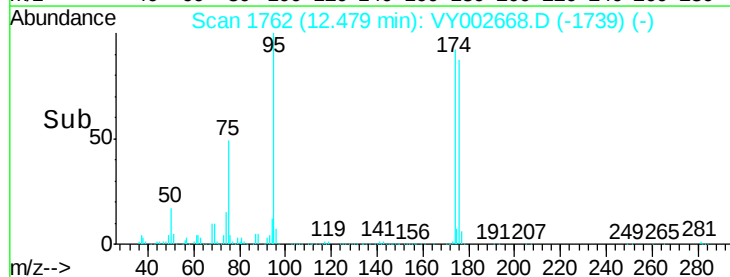
75 100

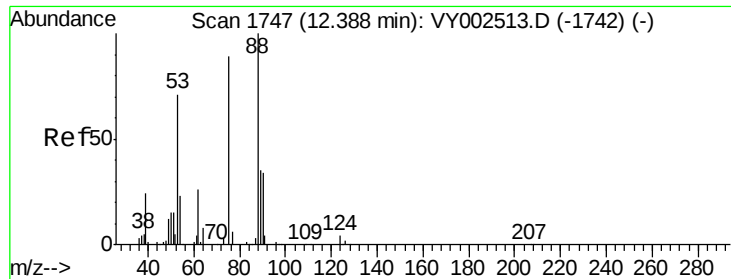
77 1.3 0.0 0.0#



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: 98.58 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.09 min

Lab File: VY002668.D

Acq: 12 May 2020 15:01

Instrument :

MSVOA_Y

ClientSampleId :

FK-GF-02-056-B

Tgt Ion: 75 Resp: 93684

Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.0#

89 0.0 37.4 56.0#

