

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY051220\
 Data File : VY002666.D
 Acq On : 12 May 2020 14:16
 Operator : SY/MD
 Sample : L2593-04
 Misc : 4.83G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-02-057-B

Quant Time: May 13 02:24:42 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	355648	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	549447	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	475600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	217592	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	144186	48.22	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	96.44%	
35) Dibromofluoromethane	7.73	113	160984	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
50) Toluene-d8	10.18	98	638402	52.02	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	104.04%	
62) 4-Bromofluorobenzene	12.48	95	195083	46.85	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	93.70%	

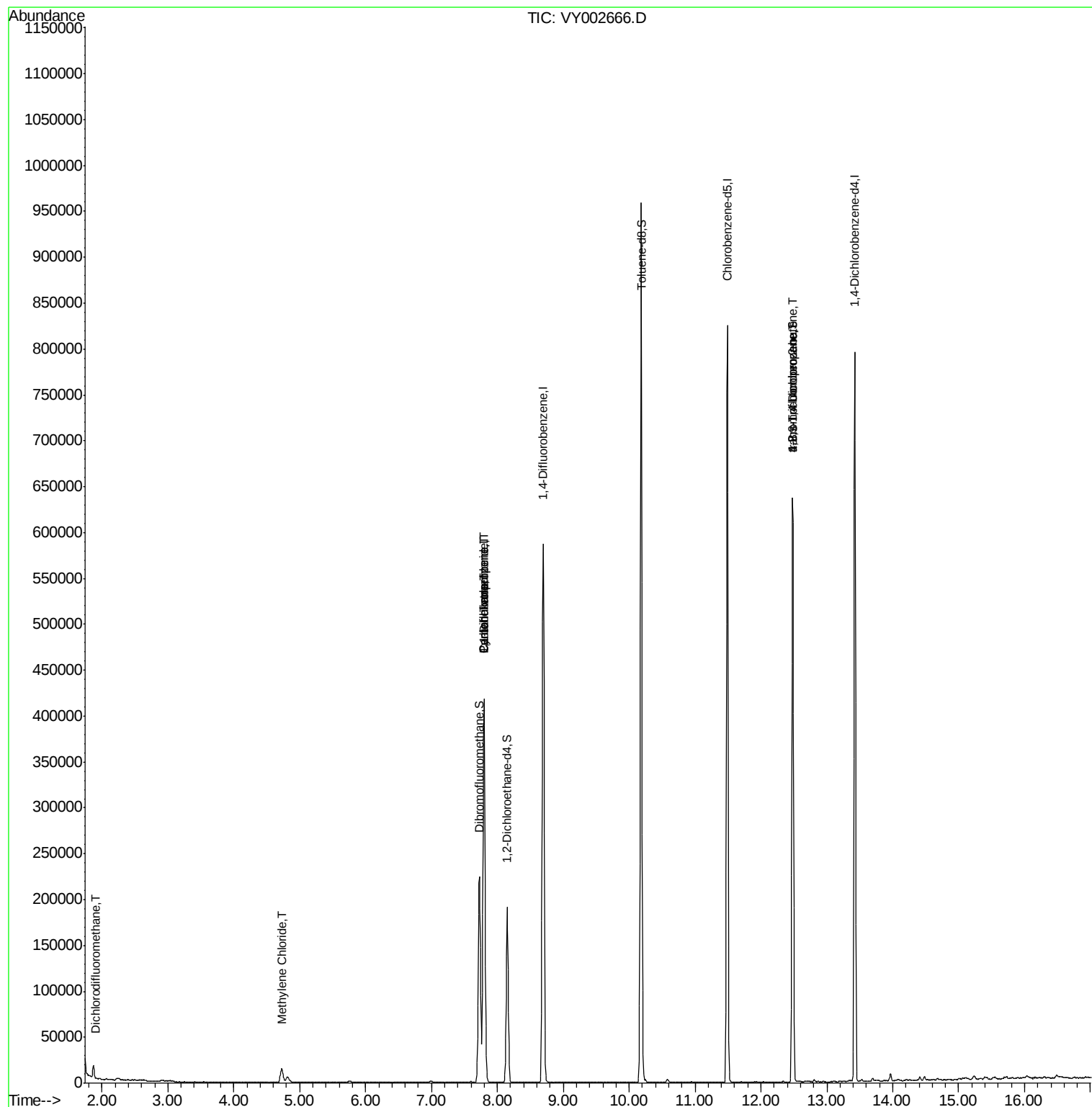
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	124	1.83	ug/l #	43
20) Methylene Chloride	4.72	84	12126	3.51	ug/l	91
31) Cyclohexane	7.80	56	5404	1.01	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	22329	4.85	ug/l #	49
38) Carbon Tetrachloride	7.80	117	31218	6.21	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	93239	48.22	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	93239	96.69	ug/l #	15

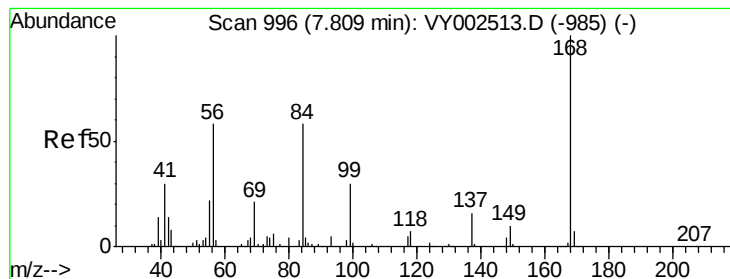
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY051220\
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FK-GF-02-057-B

Quant Time: May 13 02:24:42 2020
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: VY002666.D

Acq: 12 May 2020 14:16

Instrument :

MSVOA_Y

ClientSampleId :

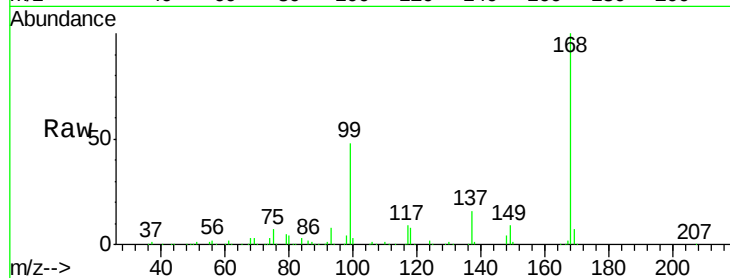
FK-GF-02-057-B

Tgt Ion:168 Resp: 355648

Ion Ratio Lower Upper

168 100

99 47.5 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002666.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002666.D (-947) (-)

7.80

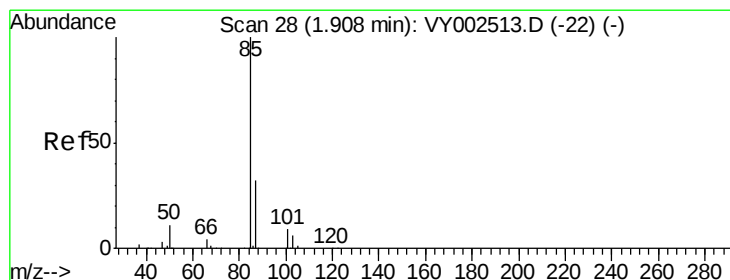
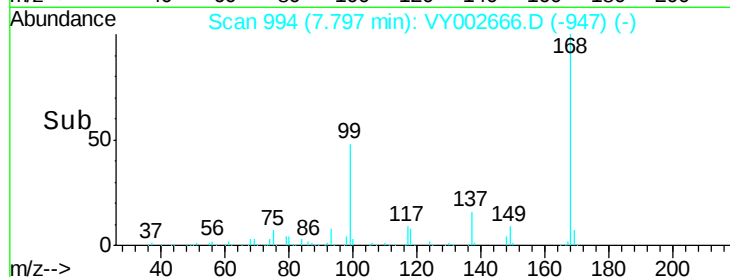
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.83 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002666.D

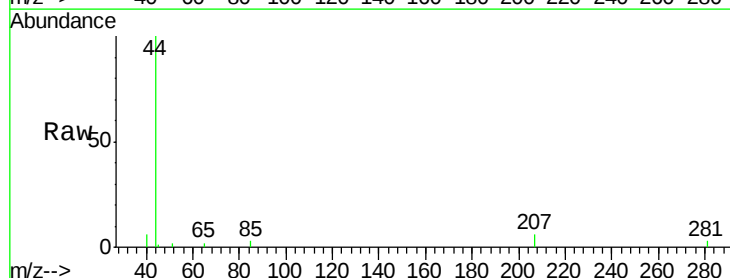
Acq: 12 May 2020 14:16

Tgt Ion: 85 Resp: 124

Ion Ratio Lower Upper

85 100

87 0.0 15.8 47.4#



Abundance Ion 84.90 (84.60 to 85.60): VY002666.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002666.D (-1) (-)

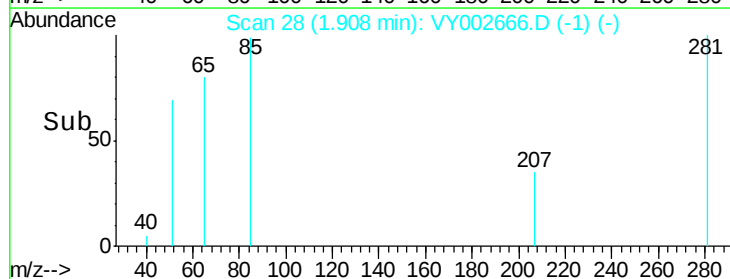
1.91

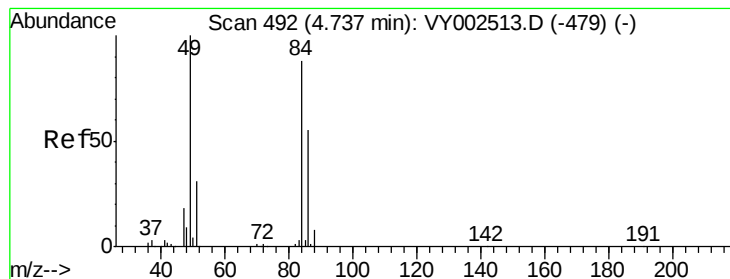
100

50

0

Time-->





#20

Methylene Chloride

Concen: 3.51 ug/l

RT: 4.72 min Scan# 490

Delta R.T. -0.01 min

Lab File: VY002666.D

Acq: 12 May 2020 14:16

Instrument :

MSVOA_Y

ClientSampleId :

FK-GF-02-057-B

Tgt Ion: 84 Resp: 12126

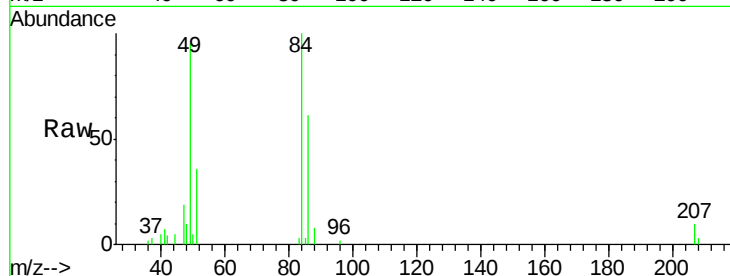
Ion Ratio Lower Upper

84 100

49 95.4 90.5 135.7

51 35.7 28.3 42.5

86 61.3 49.9 74.9

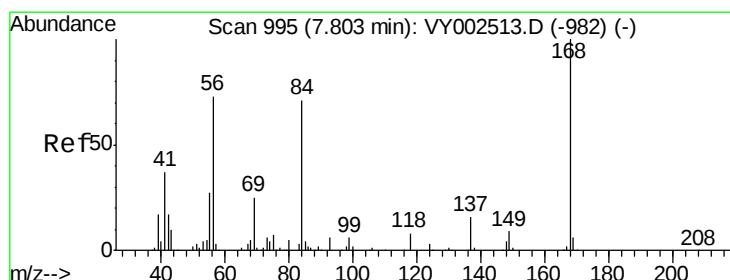
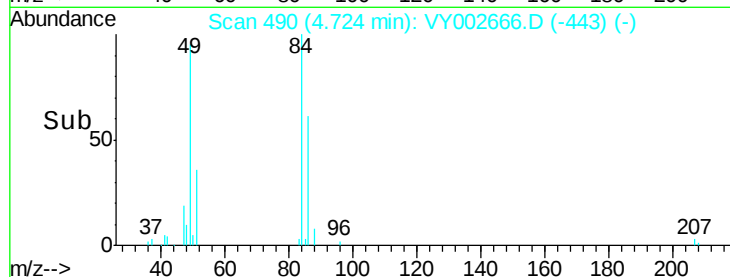
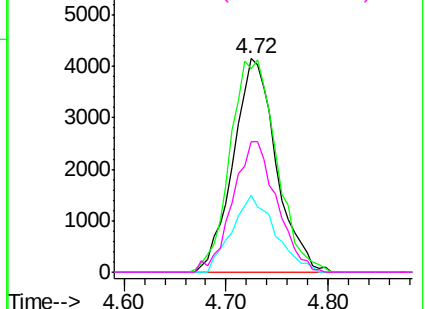


Abundance Ion 83.90 (83.60 to 84.60): VY0

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



#31

Cyclohexane

Concen: 1.01 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002666.D

Acq: 12 May 2020 14:16

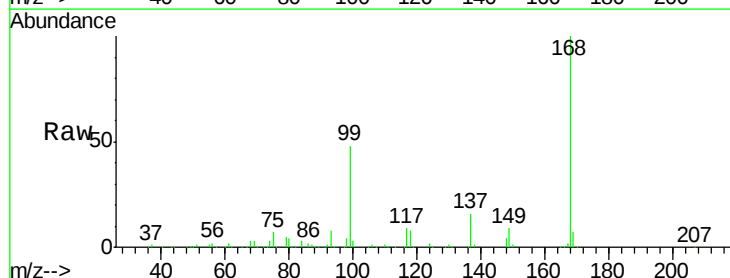
Tgt Ion: 56 Resp: 5404

Ion Ratio Lower Upper

56 100

69 187.0 27.6 41.4#

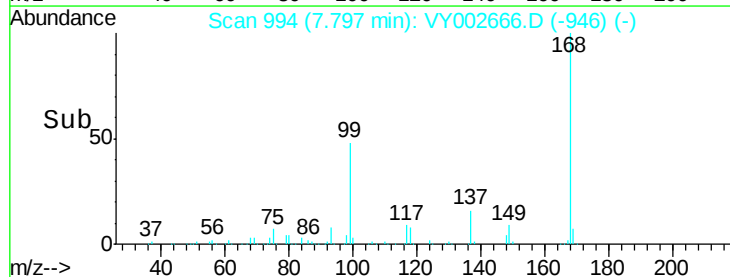
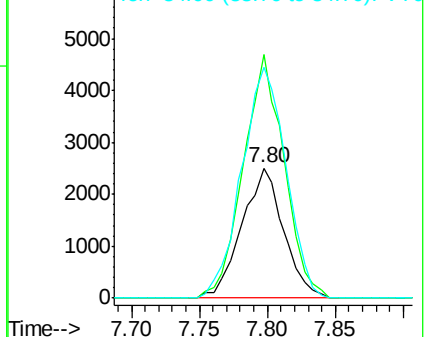
84 177.2 77.7 116.5#

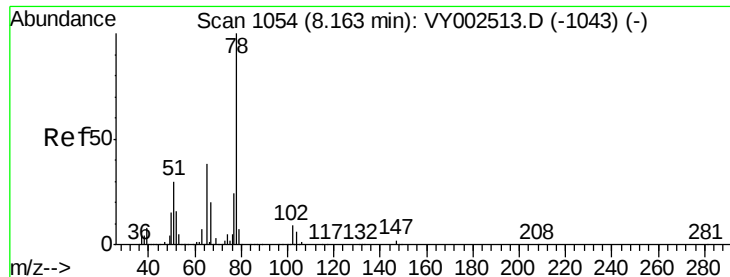


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0

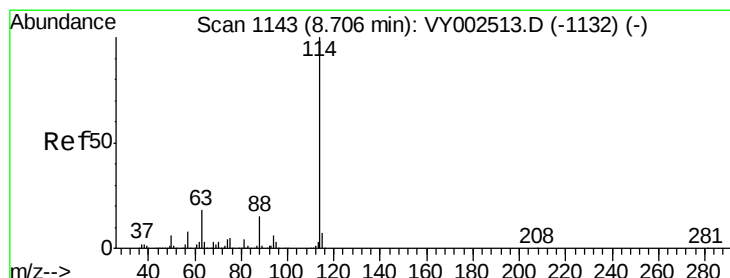
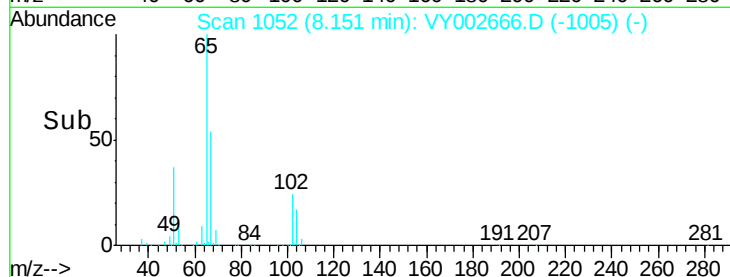
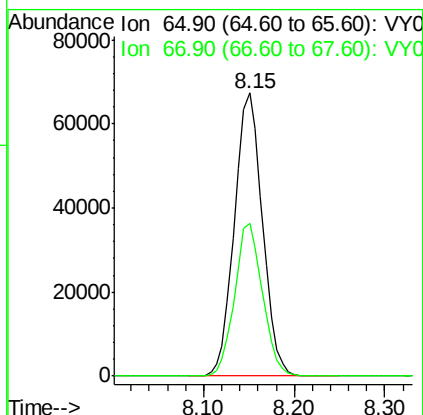
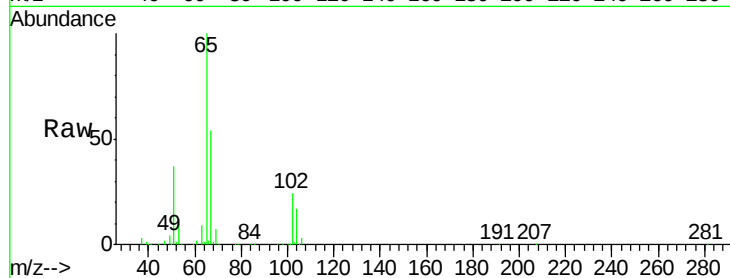




#33
 1,2-Dichloroethane-d4
 Concen: 48.22 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002666.D
 Acq: 12 May 2020 14:16

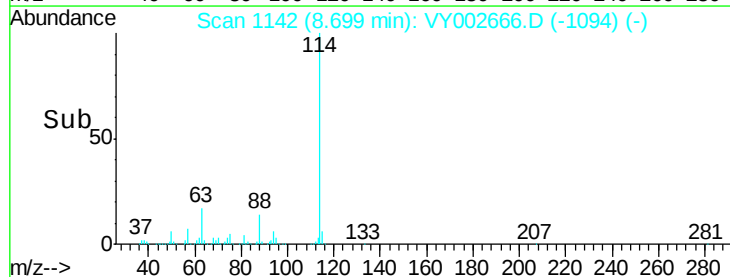
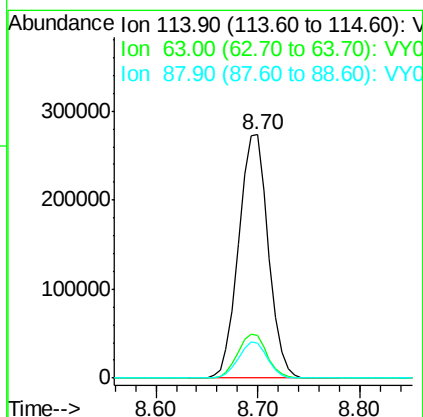
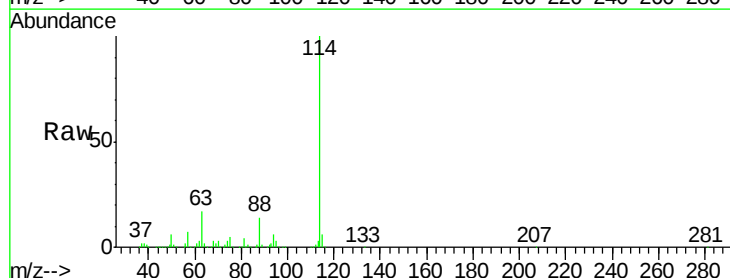
Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-02-057-B

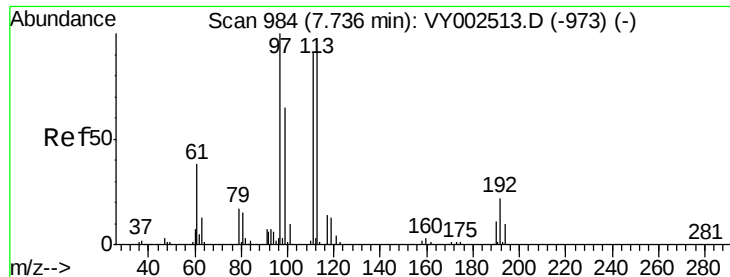
Tgt Ion: 65 Resp: 144186
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002666.D
 Acq: 12 May 2020 14:16

Tgt Ion: 114 Resp: 549447
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 36.4
 88 14.2 0.0 29.6

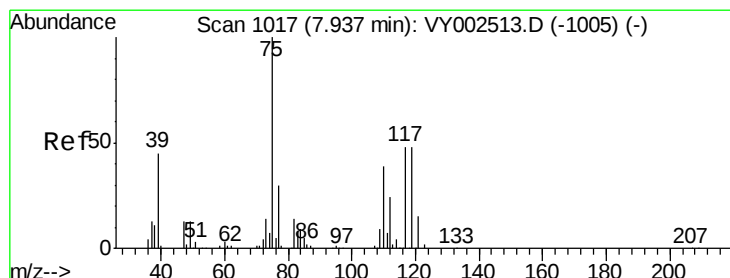
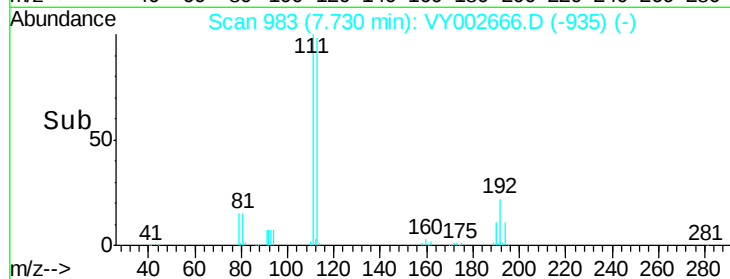
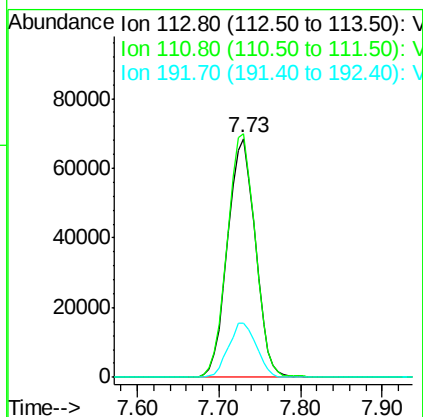
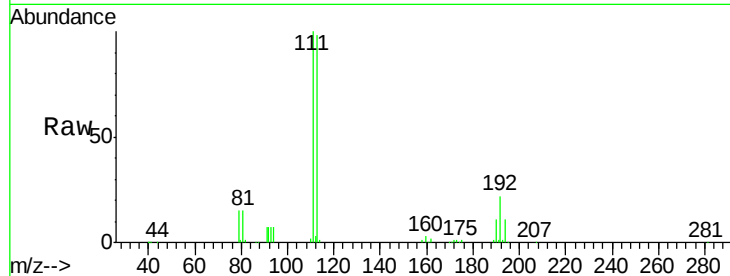




#35
 Dibromofluoromethane
 Concen: 51.23 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002666.D
 Acq: 12 May 2020 14:16

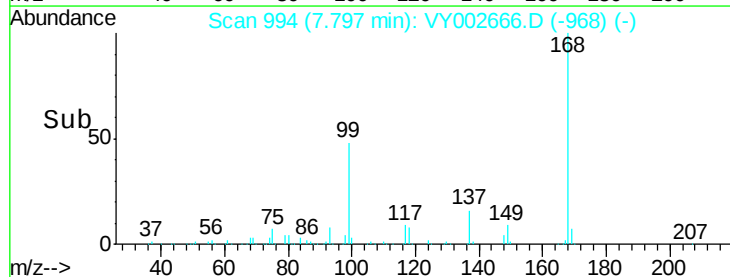
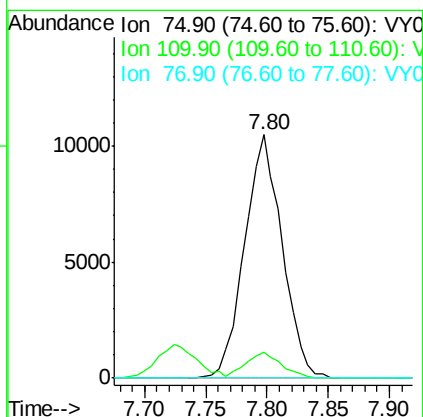
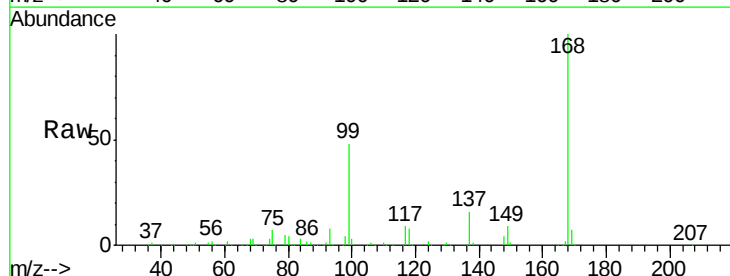
Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-02-057-B

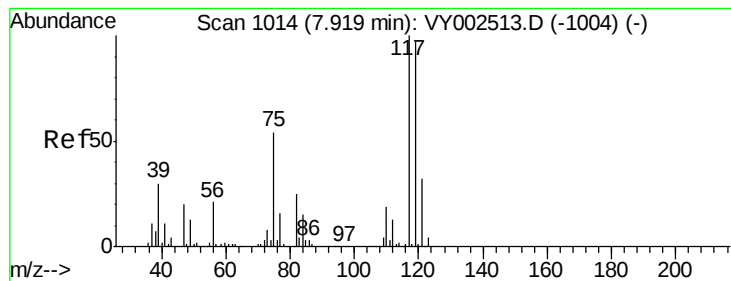
Tgt Ion: 113 Resp: 160984
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.8 122.6
 192 23.1 18.2 27.4



#36
 1,1-Dichloropropene
 Concen: 4.85 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.14 min
 Lab File: VY002666.D
 Acq: 12 May 2020 14:16

Tgt Ion: 75 Resp: 22329
 Ion Ratio Lower Upper
 75 100
 110 10.2 19.1 57.3#
 77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 6.21 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.12 min

Lab File: VY002666.D

Acq: 12 May 2020 14:16

Instrument :

MSVOA_Y

ClientSampleId :

FK-GF-02-057-B

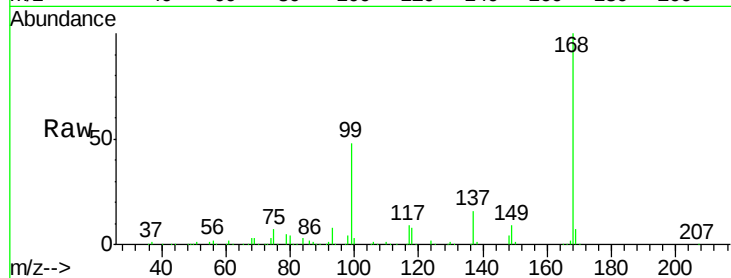
Tgt Ion:117 Resp: 31218

Ion Ratio Lower Upper

117 100

119 5.5 77.1 115.7#

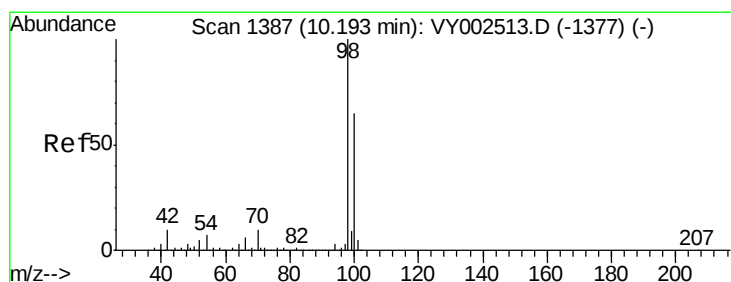
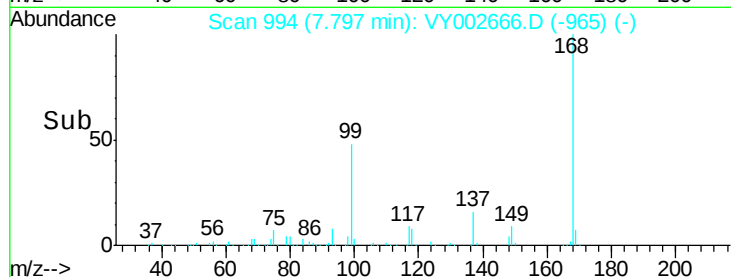
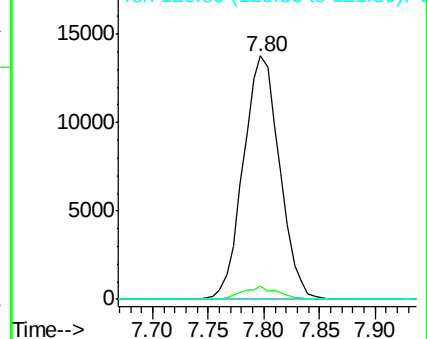
121 0.0 25.2 37.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 52.02 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002666.D

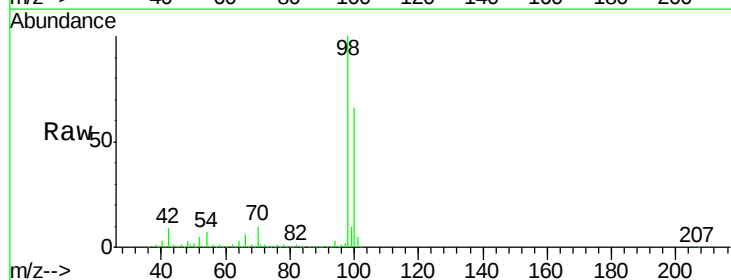
Acq: 12 May 2020 14:16

Tgt Ion: 98 Resp: 638402

Ion Ratio Lower Upper

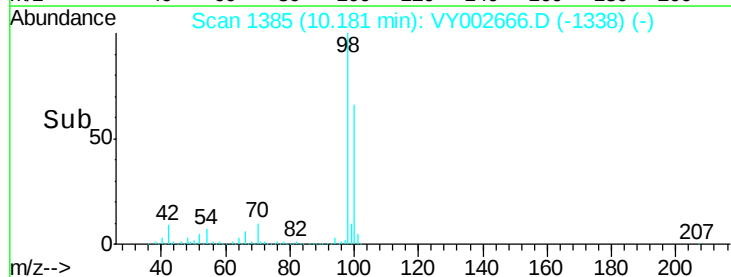
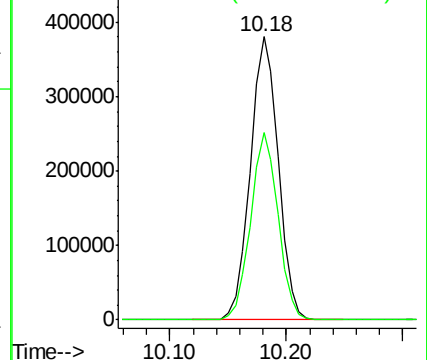
98 100

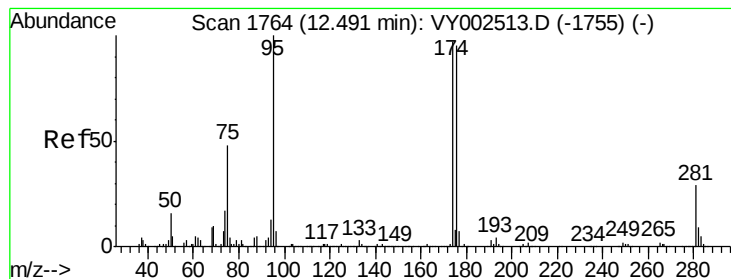
100 64.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 46.85 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002666.D

Acq: 12 May 2020 14:16

Instrument :

MSVOA_Y

ClientSampleId :

FK-GF-02-057-B

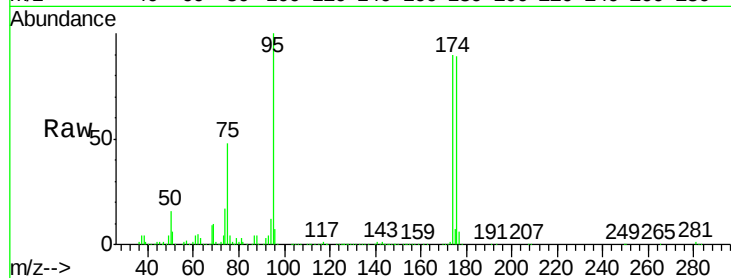
Tgt Ion: 95 Resp: 195083

Ion Ratio Lower Upper

95 100

174 93.5 0.0 188.8

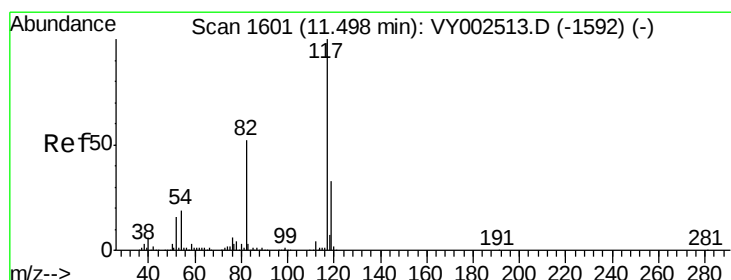
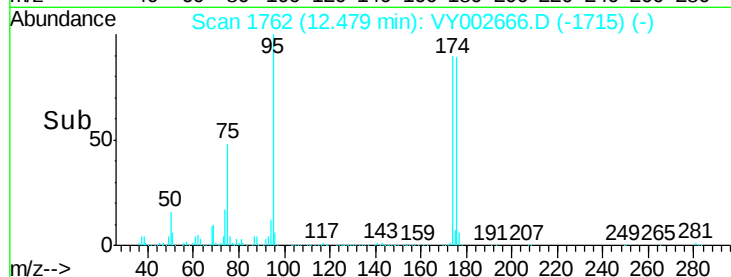
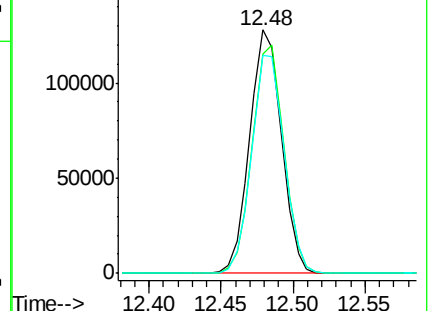
176 91.4 0.0 183.2



Abundance Ion 94.90 (94.60 to 95.60): VY002513.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002513.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY002513.D (-1755) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.01 min

Lab File: VY002666.D

Acq: 12 May 2020 14:16

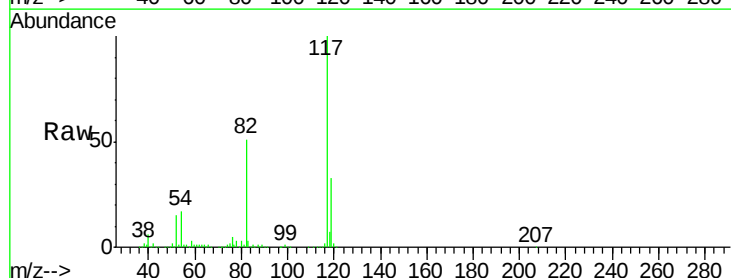
Tgt Ion: 117 Resp: 475600

Ion Ratio Lower Upper

117 100

82 50.8 41.3 61.9

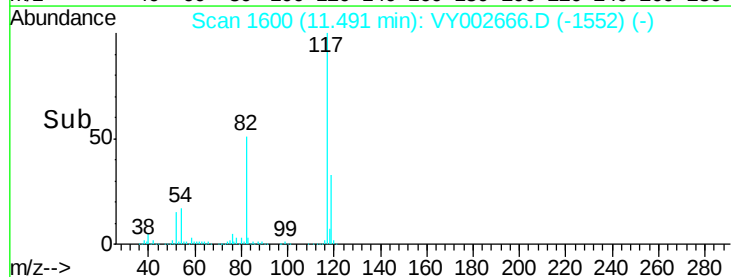
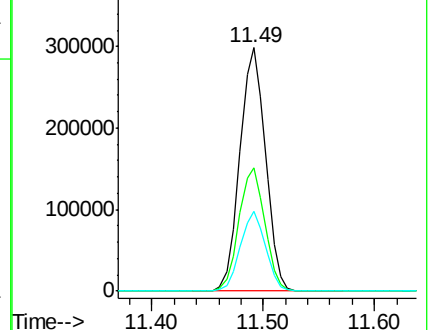
119 32.6 26.0 39.0

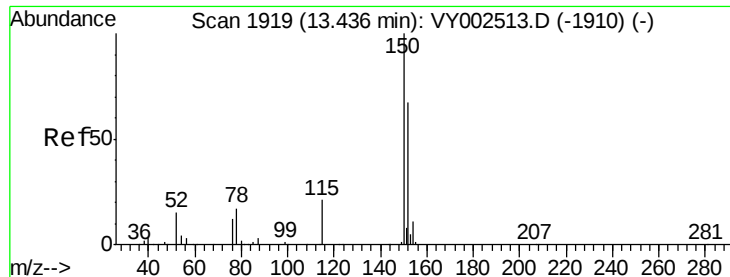


Abundance Ion 116.90 (116.60 to 117.60): VY002513.D (-1592) (-)

Ion 82.00 (81.70 to 82.70): VY002513.D (-1592) (-)

Ion 118.90 (118.60 to 119.60): VY002513.D (-1592) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY002666.D

Acq: 12 May 2020 14:16

Instrument :

MSVOA_Y

ClientSampleId :

FK-GF-02-057-B

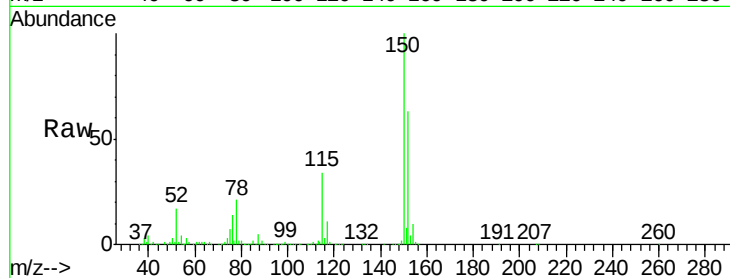
Tgt Ion:152 Resp: 217592

Ion Ratio Lower Upper

152 100

115 53.6 27.5 82.4

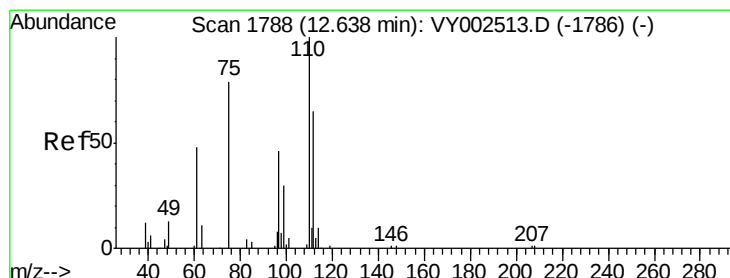
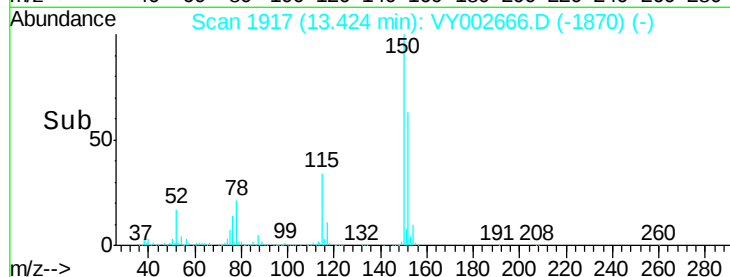
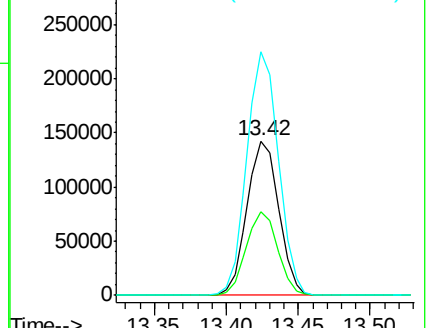
150 156.8 0.0 346.4



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: 48.22 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.16 min

Lab File: VY002666.D

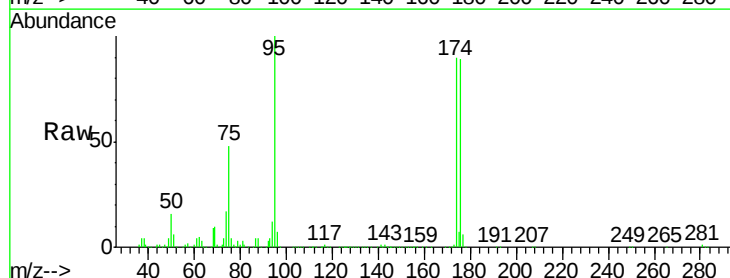
Acq: 12 May 2020 14:16

Tgt Ion: 75 Resp: 93239

Ion Ratio Lower Upper

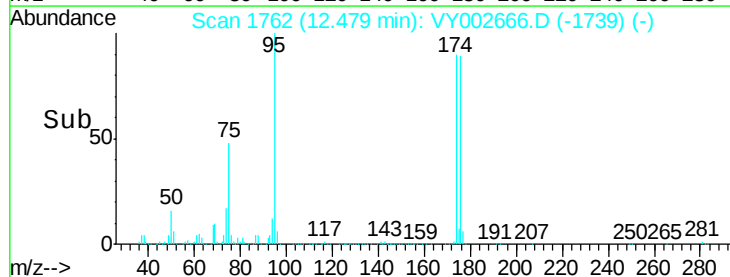
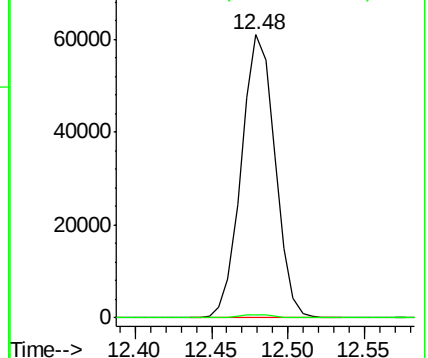
75 100

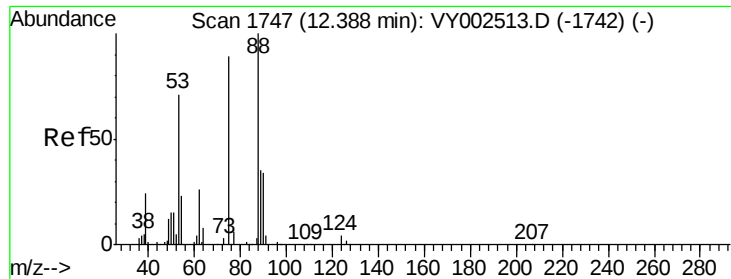
77 1.5 0.0 0.0#



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: 96.69 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.09 min

Lab File: VY002666.D

Acq: 12 May 2020 14:16

Instrument :

MSVOA_Y

ClientSampleId :

FK-GF-02-057-B

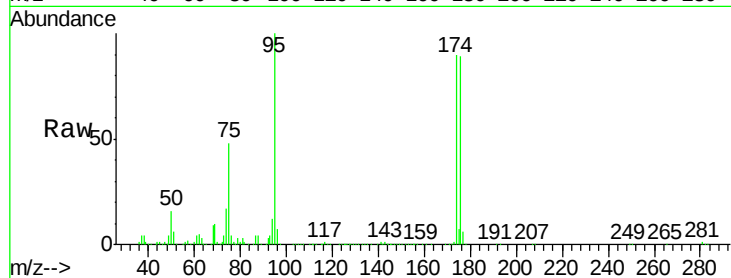
Tgt Ion: 75 Resp: 93239

Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.0#

89 0.1 37.4 56.0#



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

