

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY051220\
 Data File : VY002665.D
 Acq On : 12 May 2020 13:54
 Operator : SY/MD
 Sample : L2593-02
 Misc : 5.74G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: May 13 02:24:33 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	357722	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	555411	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	488468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	216303	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	149517	49.71	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	99.42%	
35) Dibromofluoromethane	7.72	113	165918	52.23	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	104.46%	
50) Toluene-d8	10.18	98	643111	51.85	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	103.70%	
62) 4-Bromofluorobenzene	12.48	95	202075	48.01	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	96.02%	

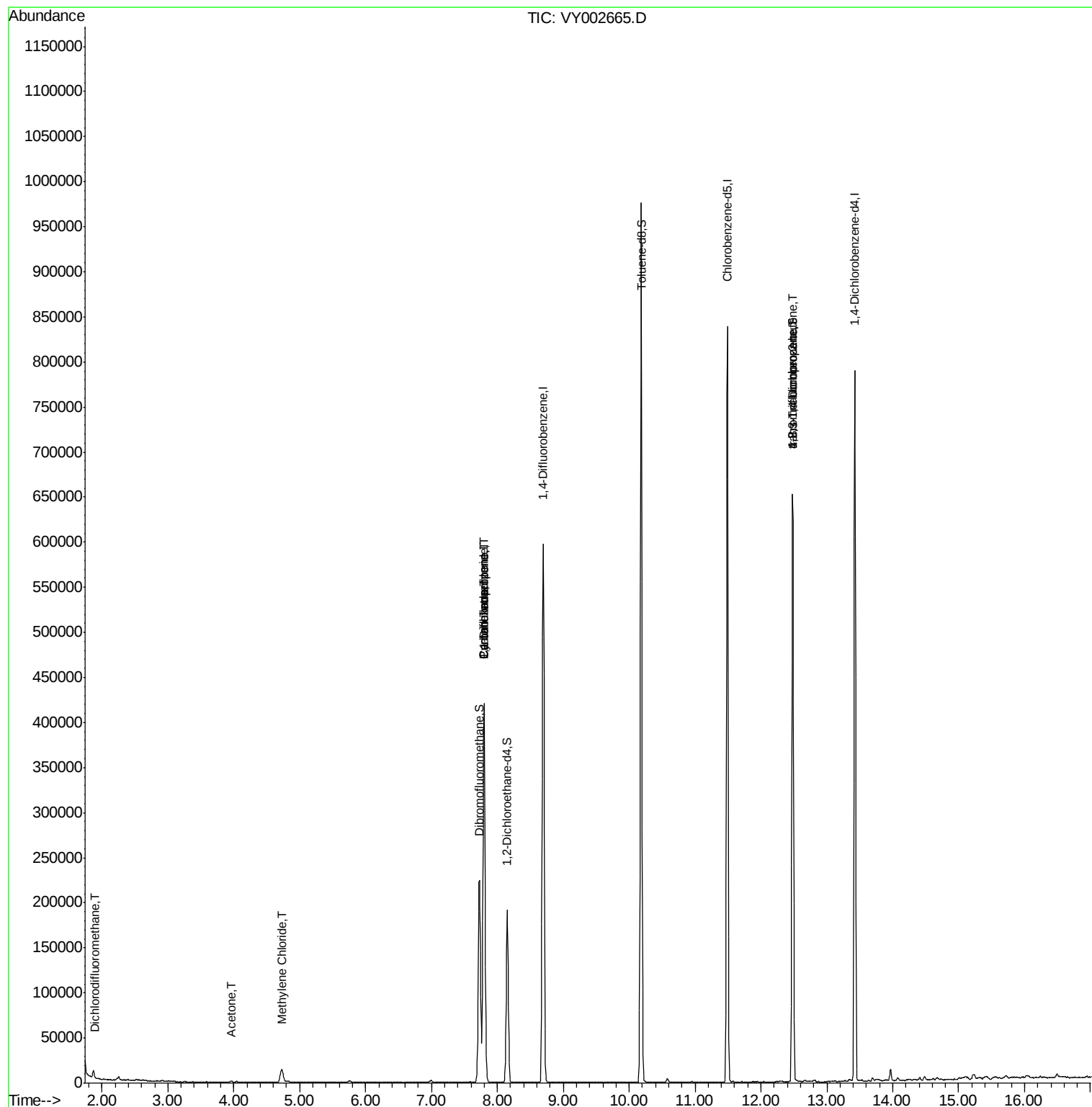
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	74	1.81	ug/l #	43
16) Acetone	3.96	43	1942	3.13	ug/l	99
20) Methylene Chloride	4.73	84	12565	3.62	ug/l	97
31) Cyclohexane	7.80	56	5431	1.00	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	21856	4.69	ug/l #	50
38) Carbon Tetrachloride	7.80	117	31829	6.26	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	94903	49.37	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	94903	99.00	ug/l #	15

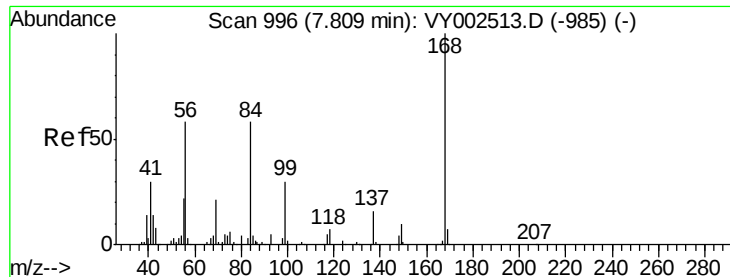
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VY002665.D

Acq: 12 May 2020 13:54

Instrument :

MSVOA_Y

ClientSampleId :

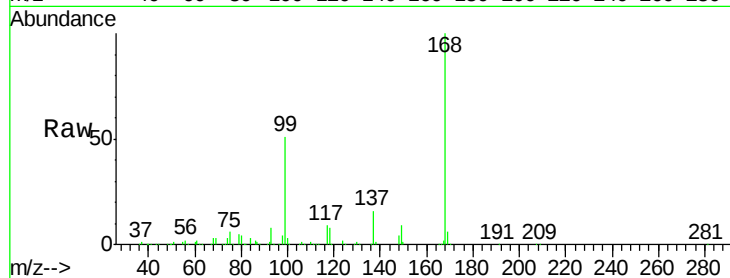
FK-GF-02-057-A

Tgt Ion:168 Resp: 357722

Ion Ratio Lower Upper

168 100

99 50.6 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

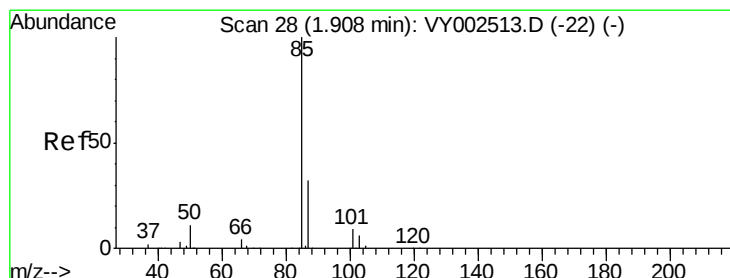
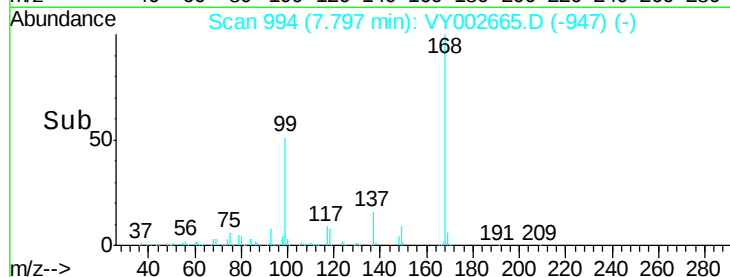
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.81 ug/l

RT: 1.90 min Scan# 26

Delta R.T. -0.01 min

Lab File: VY002665.D

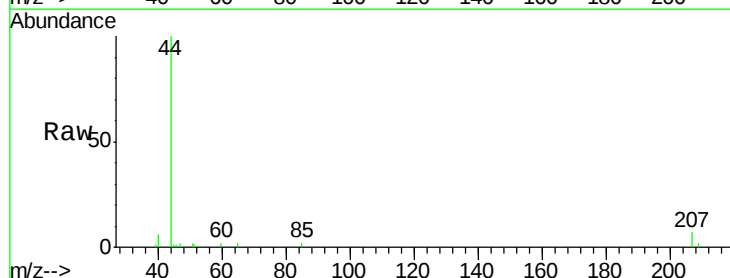
Acq: 12 May 2020 13:54

Tgt Ion: 85 Resp: 74

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

120

100

80

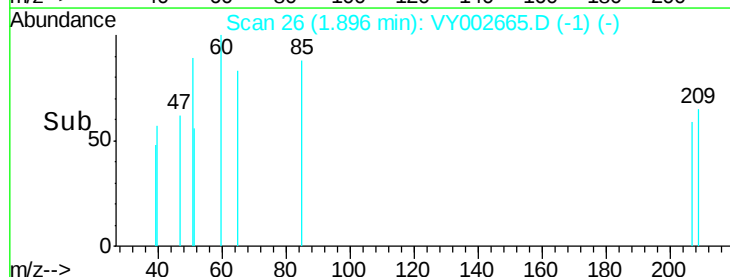
60

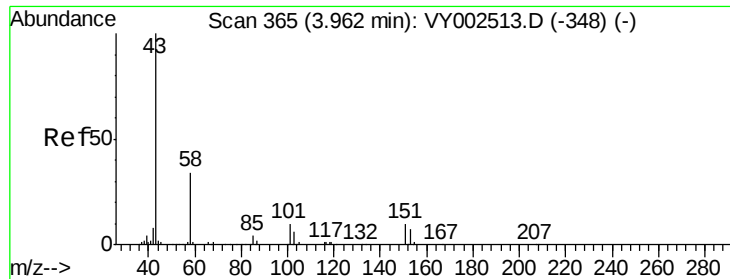
40

20

0

Time-->





#16

Acetone

Concen: 3.13 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.00 min

Lab File: VY002665.D

Acq: 12 May 2020 13:54

Instrument :

MSVOA_Y

ClientSampleId :

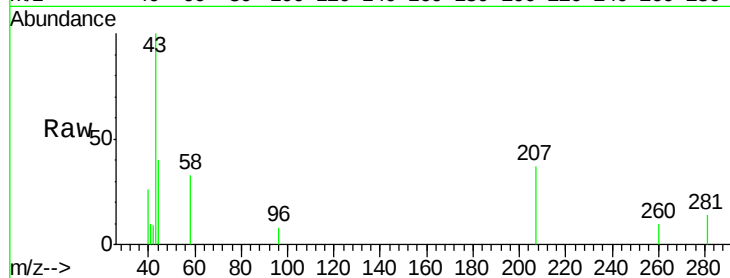
FK-GF-02-057-A

Tgt Ion: 43 Resp: 1942

Ion Ratio Lower Upper

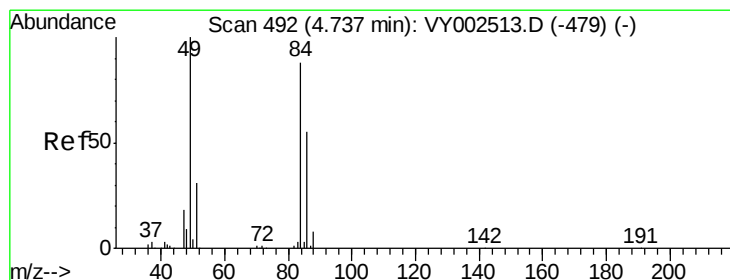
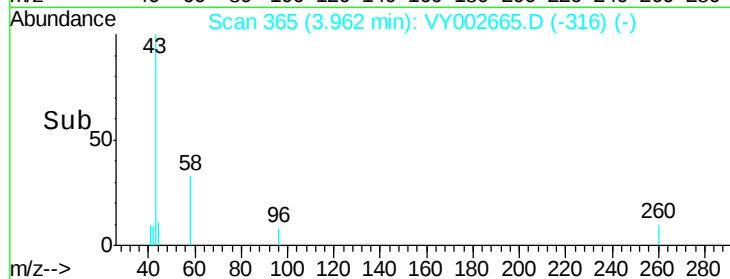
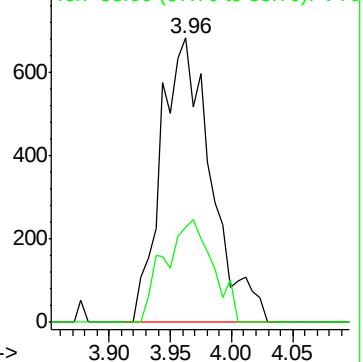
43 100

58 33.1 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: 3.62 ug/l

RT: 4.73 min Scan# 491

Delta R.T. -0.01 min

Lab File: VY002665.D

Acq: 12 May 2020 13:54

Tgt Ion: 84 Resp: 12565

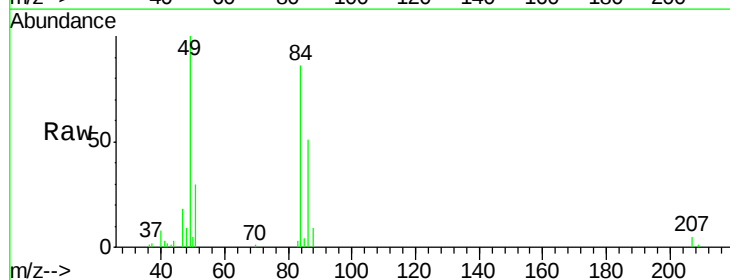
Ion Ratio Lower Upper

84 100

49 116.9 90.5 135.7

51 35.2 28.3 42.5

86 59.3 49.9 74.9

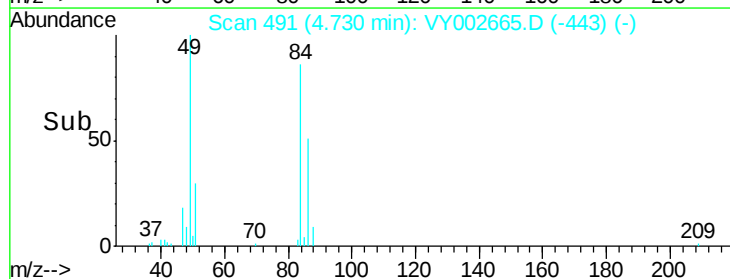
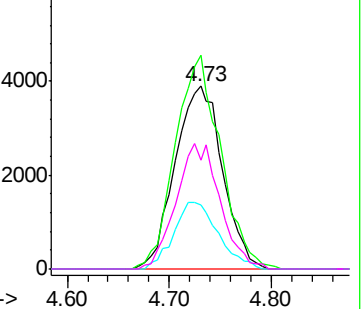


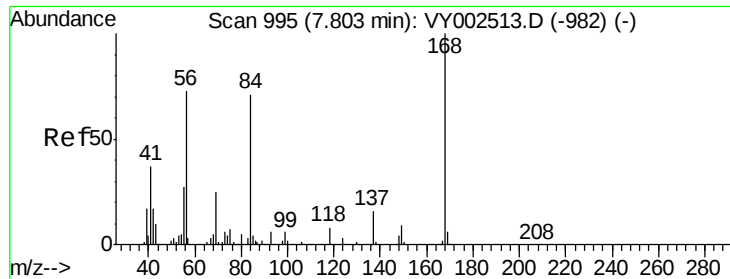
Abundance Ion 83.90 (83.60 to 84.60): VY0

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

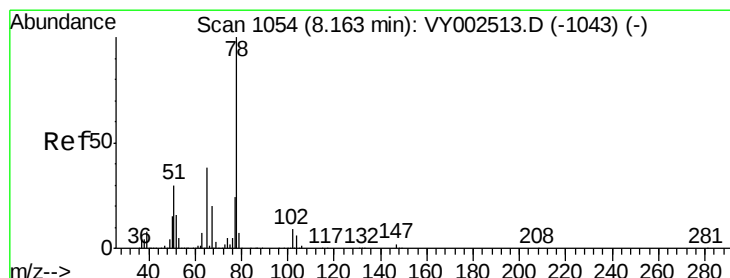
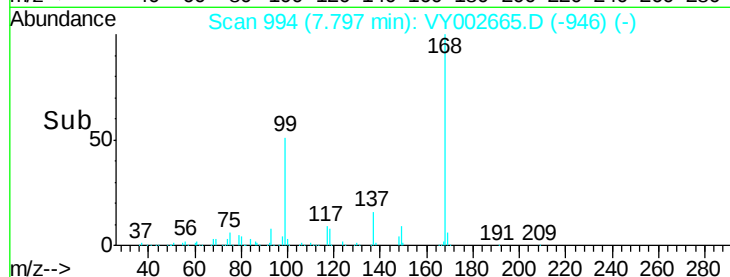
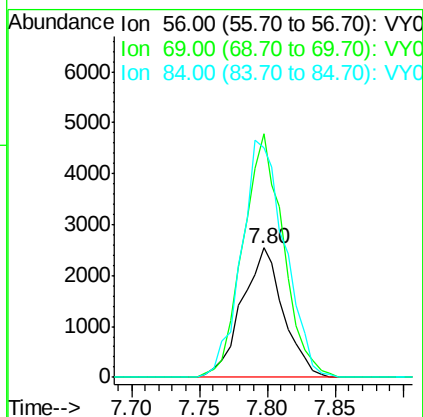
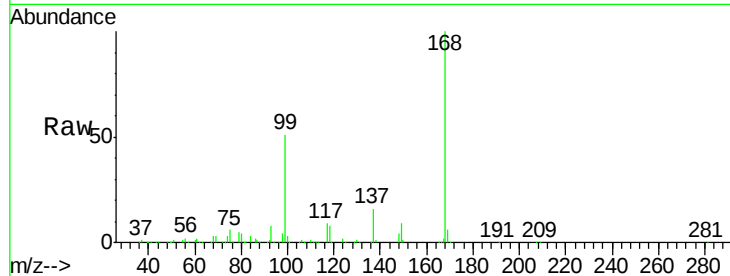




#31
Cyclohexane
Concen: 1.00 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY002665.D
Acq: 12 May 2020 13:54

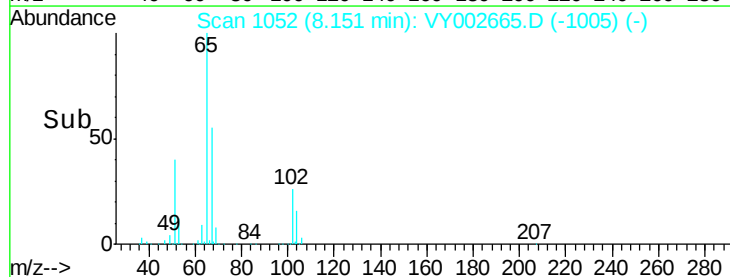
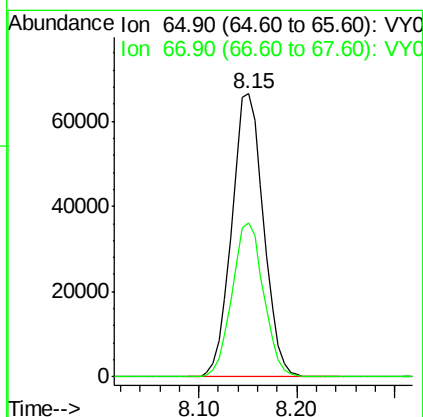
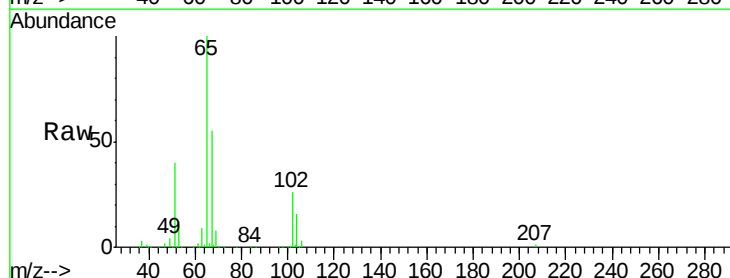
Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-02-057-A

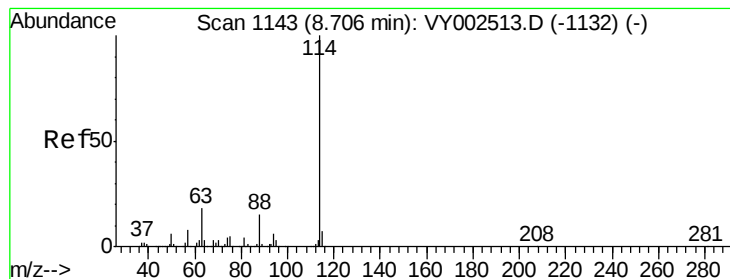
Tgt Ion: 56 Resp: 5431
Ion Ratio Lower Upper
56 100
69 188.0 27.6 41.4#
84 177.0 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 49.71 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VY002665.D
Acq: 12 May 2020 13:54

Tgt Ion: 65 Resp: 149517
Ion Ratio Lower Upper
65 100
67 54.2 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: VY002665.D

Acq: 12 May 2020 13:54

Instrument :

MSVOA_Y

ClientSampleId :

FK-GF-02-057-A

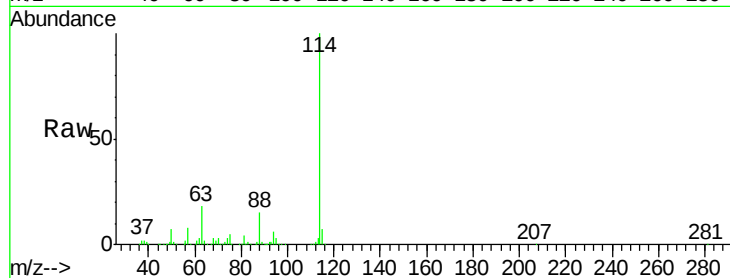
Tgt Ion:114 Resp: 555411

Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.4

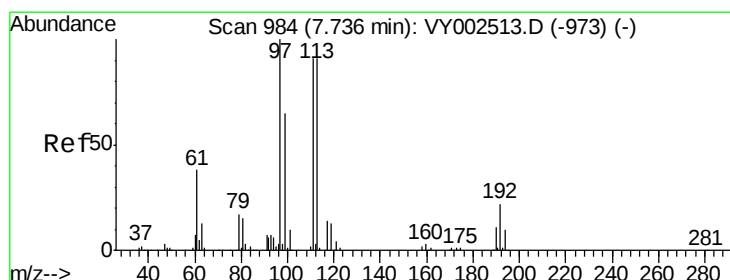
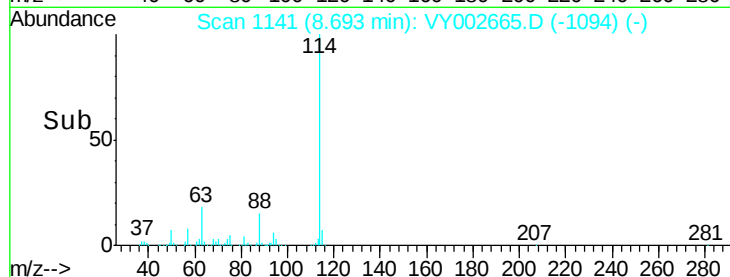
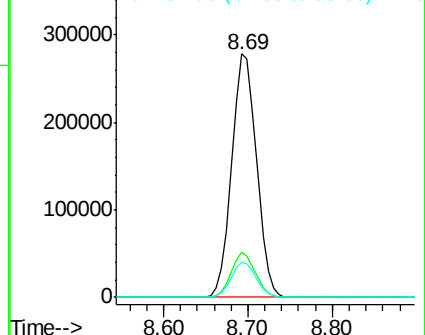
88 14.6 0.0 29.6



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: 52.23 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002665.D

Acq: 12 May 2020 13:54

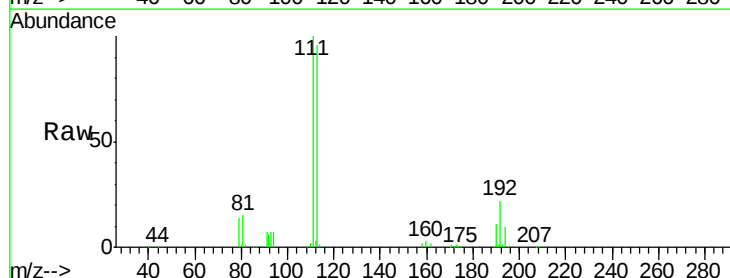
Tgt Ion:113 Resp: 165918

Ion Ratio Lower Upper

113 100

111 101.2 81.8 122.6

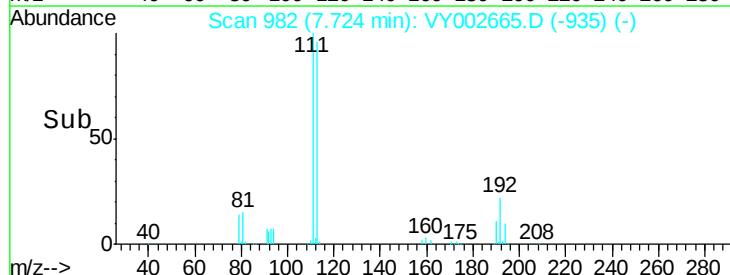
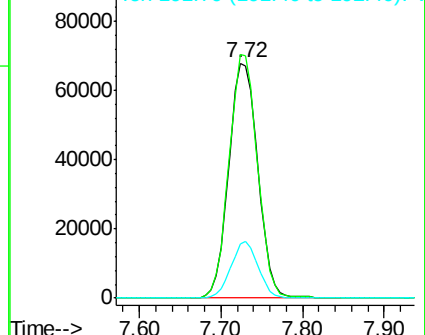
192 22.5 18.2 27.4

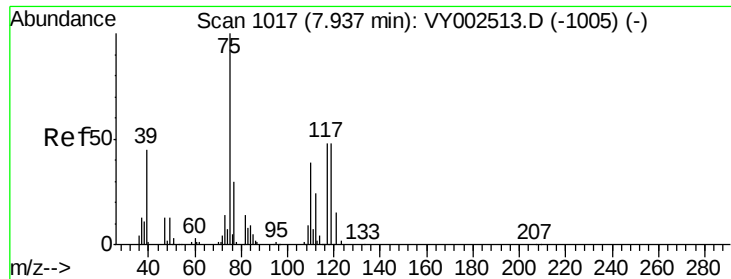


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

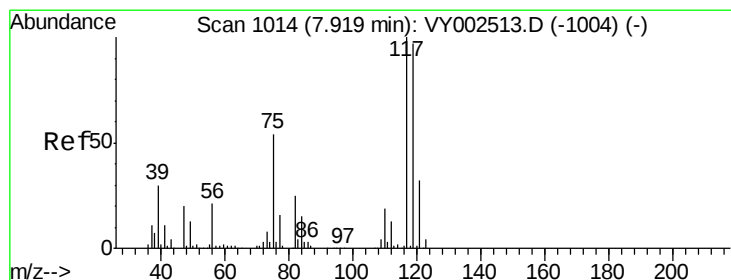
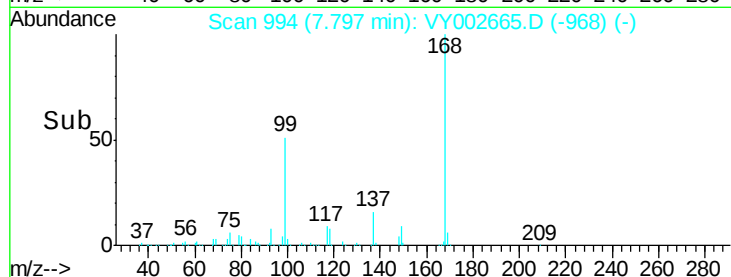
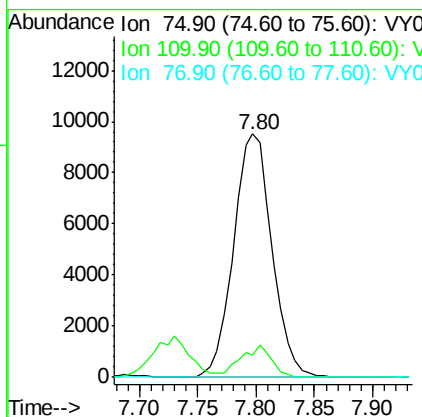
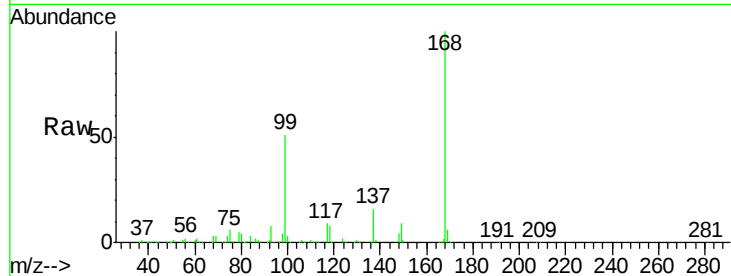




#36
 1,1-Dichloropropene
 Concen: 4.69 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.14 min
 Lab File: VY002665.D
 Acq: 12 May 2020 13:54

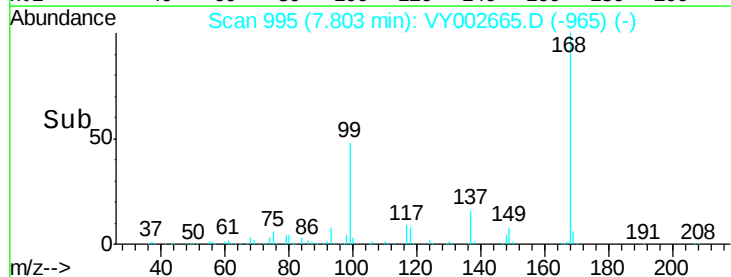
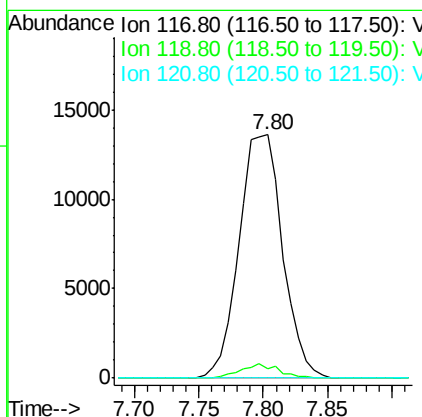
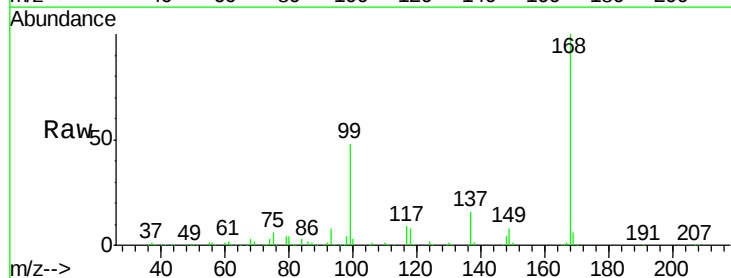
Instrument :
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 ClientSampleId :
 FK-GF-02-057-A

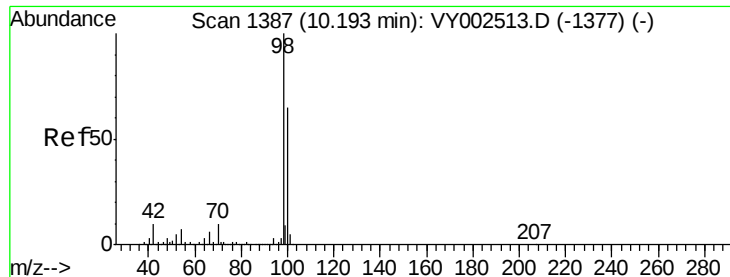
Tgt Ion: 75 Resp: 21856
 Ion Ratio Lower Upper
 75 100
 110 10.6 19.1 57.3#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 6.26 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY002665.D
 Acq: 12 May 2020 13:54

Tgt Ion: 117 Resp: 31829
 Ion Ratio Lower Upper
 117 100
 119 3.8 77.1 115.7#
 121 0.0 25.2 37.8#





#50

Toluene-d8

Concen: 51.85 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002665.D

Acq: 12 May 2020 13:54

Instrument :

MSVOA_Y

ClientSampleId :

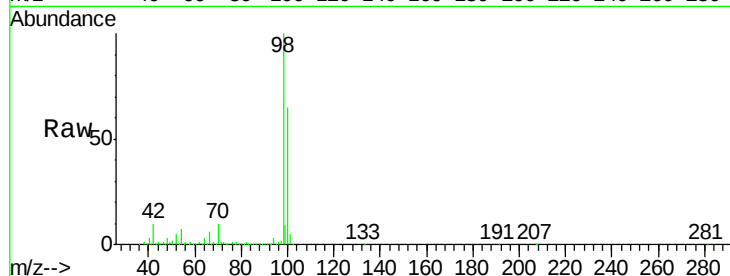
FK-GF-02-057-A

Tgt Ion: 98 Resp: 643111

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY002513.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY002513.D (-1377) (-)

10.18

400000

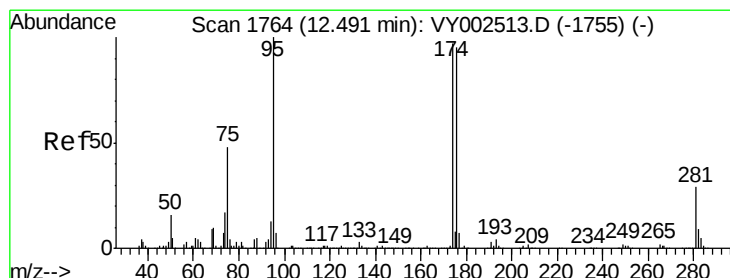
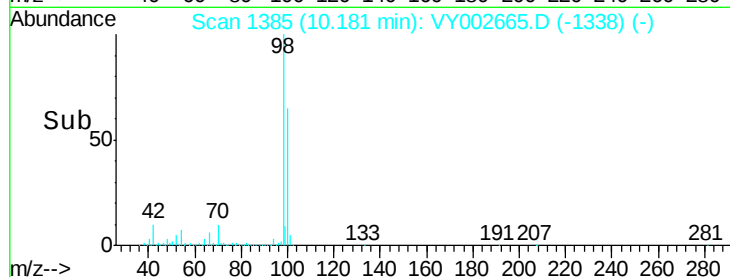
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.01 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002665.D

Acq: 12 May 2020 13:54

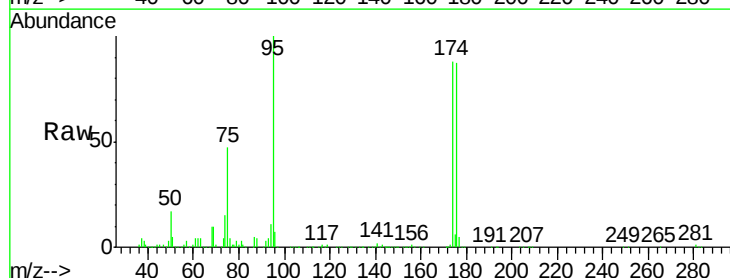
Tgt Ion: 95 Resp: 202075

Ion Ratio Lower Upper

95 100

174 91.8 0.0 188.8

176 90.5 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) (-)

12.48

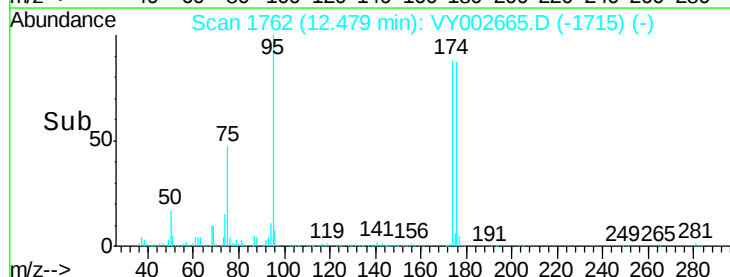
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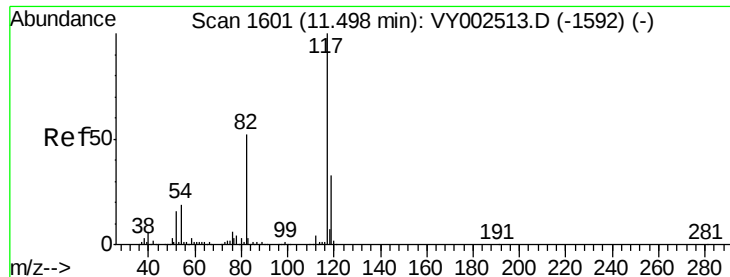
100000

50000

0

Time-->

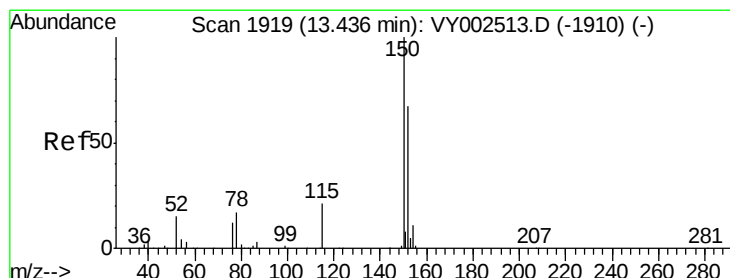
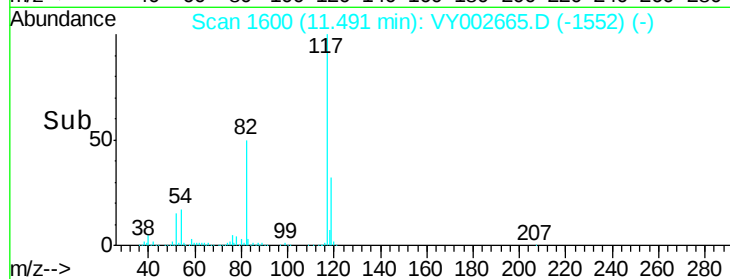
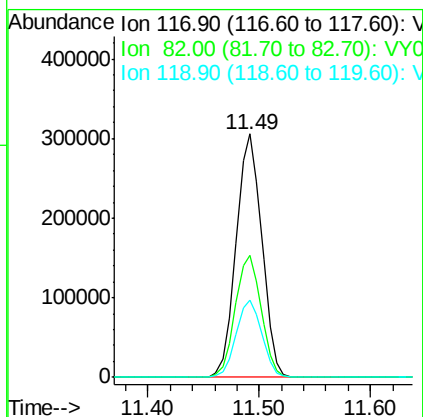
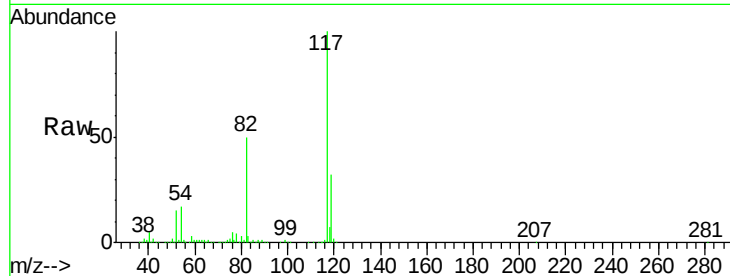




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002665.D
Acq: 12 May 2020 13:54

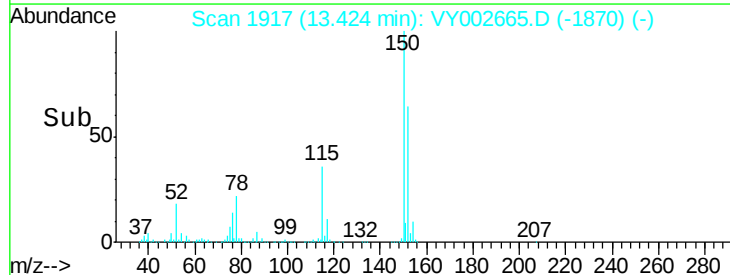
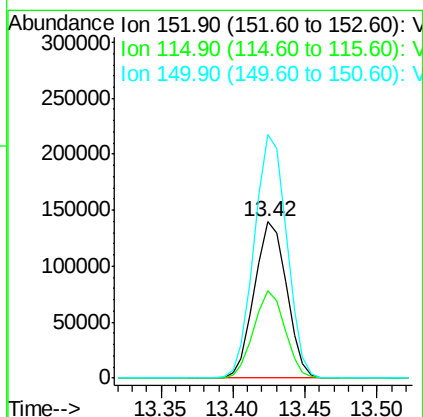
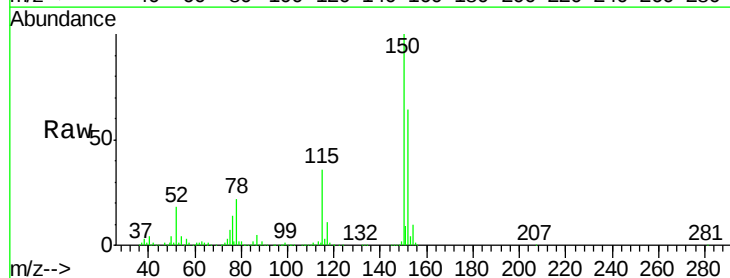
Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-02-057-A

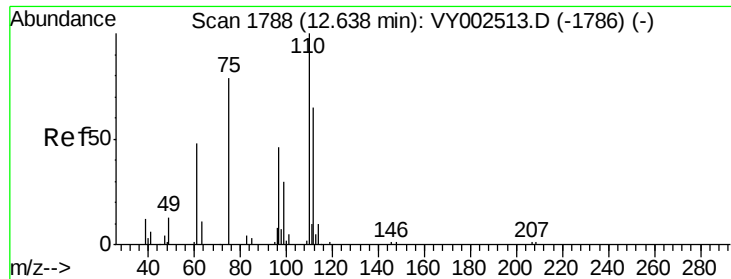
Tgt Ion:117 Resp: 488468
Ion Ratio Lower Upper
117 100
82 50.3 41.3 61.9
119 32.0 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002665.D
Acq: 12 May 2020 13:54

Tgt Ion:152 Resp: 216303
Ion Ratio Lower Upper
152 100
115 54.3 27.5 82.4
150 157.1 0.0 346.4

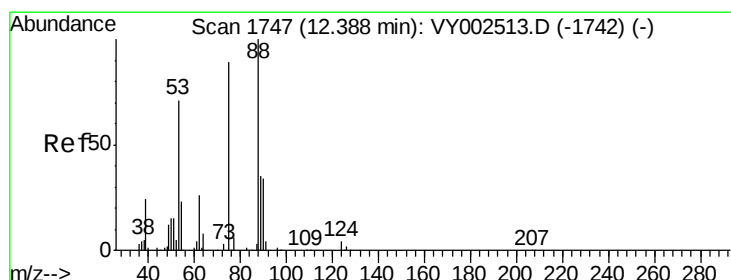
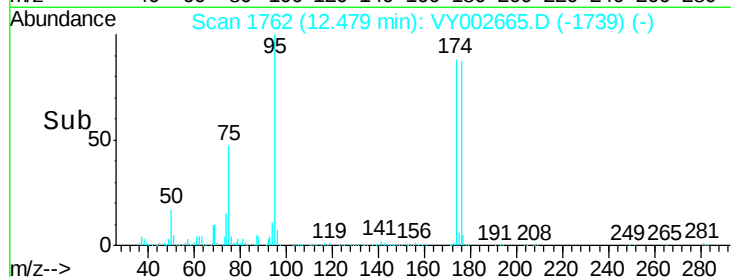
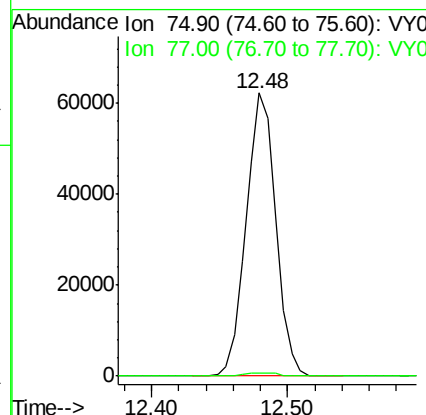
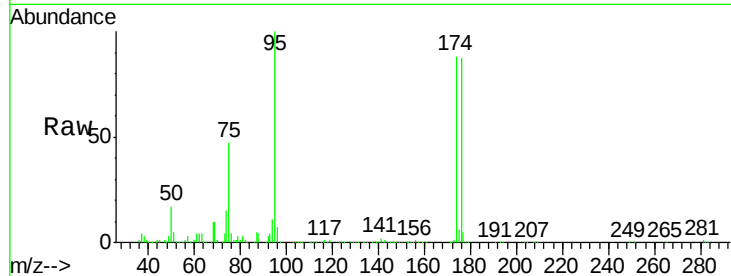




#76
 1,2,3-Trichloropropane
 Concen: 49.37 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.16 min
 Lab File: VY002665.D
 Acq: 12 May 2020 13:54

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

Tgt Ion: 75 Resp: 94903
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.00 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.09 min
 Lab File: VY002665.D
 Acq: 12 May 2020 13:54

Tgt Ion: 75 Resp: 94903
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.0#
 89 0.0 37.4 56.0#

