

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY061120\
 Data File : VY002884.D
 Acq On : 11 Jun 2020 12:11
 Operator : SY/MD
 Sample : L2972-03
 Misc : 6.94G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCK-PILE-1

Quant Time: Jun 11 16:39:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	231114	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	374294	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	353350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	171228	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	115362	57.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.98%	
35) Dibromofluoromethane	7.72	113	115525	52.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.34%	
50) Toluene-d8	10.18	98	441635	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
62) 4-Bromofluorobenzene	12.48	95	145186	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.80%	

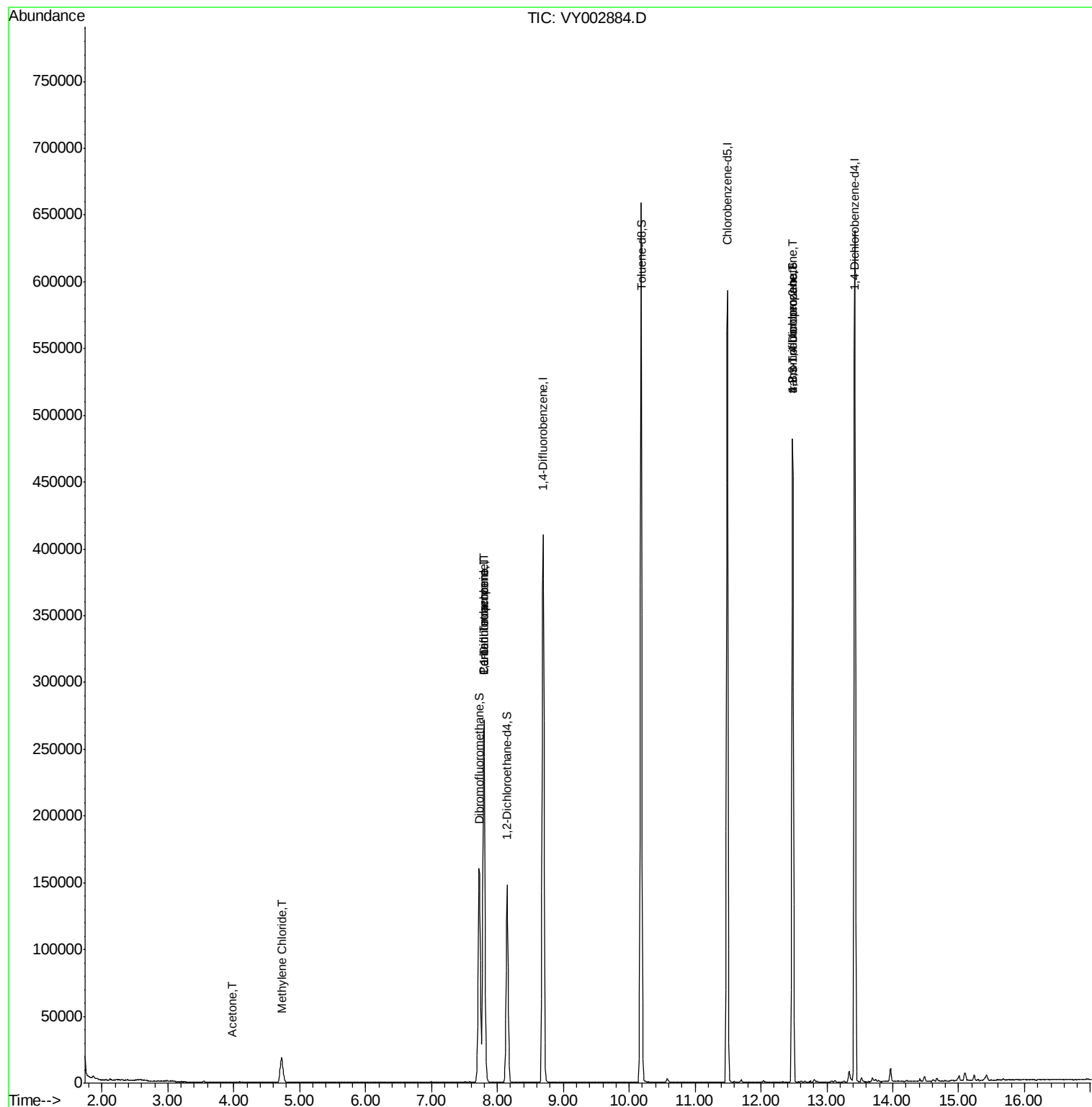
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.97	43	596	1.27	ug/l	# 40
18) Methyl Acetate	4.49	43	448	Below Cal		# 57
20) Methylene Chloride	4.72	84	15153	6.59	ug/l	94
36) 1,1-Dichloropropene	7.80	75	13677	4.34	ug/l	# 49
38) Carbon Tetrachloride	7.79	117	21029	6.00	ug/l	# 16
76) 1,2,3-Trichloropropane	12.48	75	70669	45.80	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.48	75	70669	86.29	ug/l	# 17

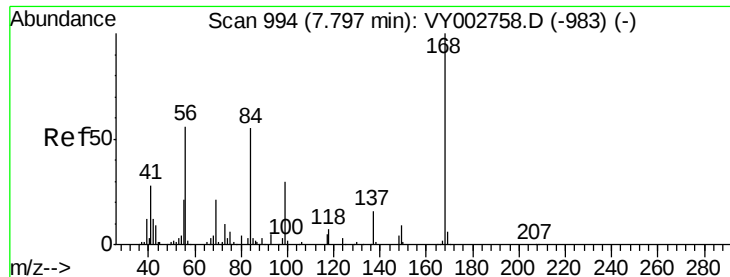
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY061120\
Data File : VY002884.D
Acq On : 11 Jun 2020 12:11
Operator : SY/MD
Sample : L2972-03
Misc : 6.94G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-1

Quant Time: Jun 11 16:39:35 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002884.D

Acq: 11 Jun 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

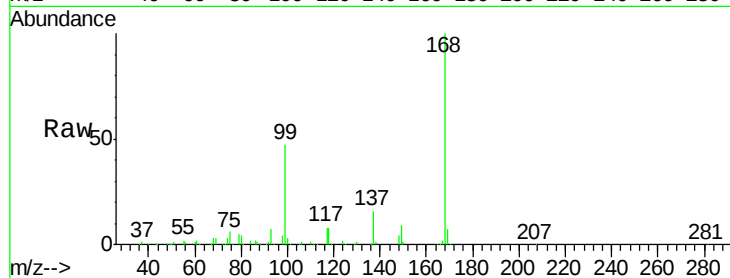
STOCK-PILE-1

Tgt Ion:168 Resp: 231114

Ion Ratio Lower Upper

168 100

99 47.2 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002884.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002884.D (-945) (-)

7.80

100000

80000

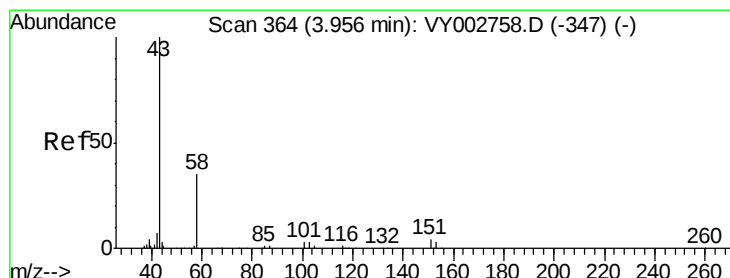
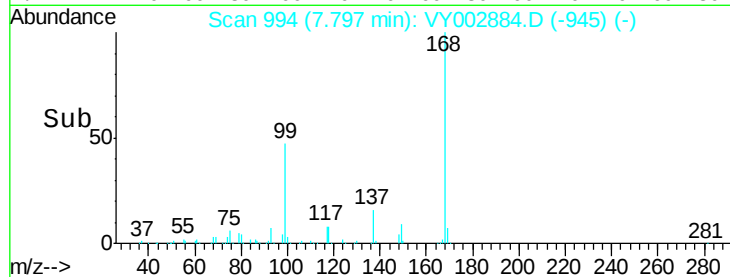
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 1.27 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.02 min

Lab File: VY002884.D

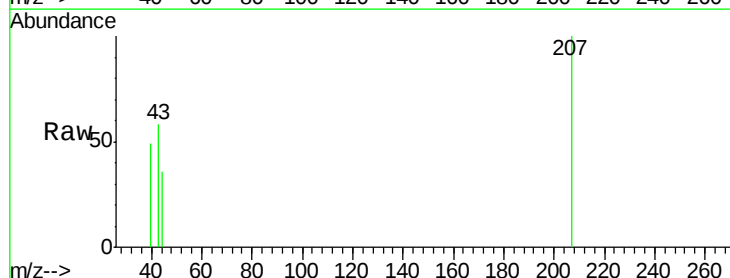
Acq: 11 Jun 2020 12:11

Tgt Ion: 43 Resp: 596

Ion Ratio Lower Upper

43 100

58 0.0 27.7 41.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002884.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY002884.D (-315) (-)

3.97

250

200

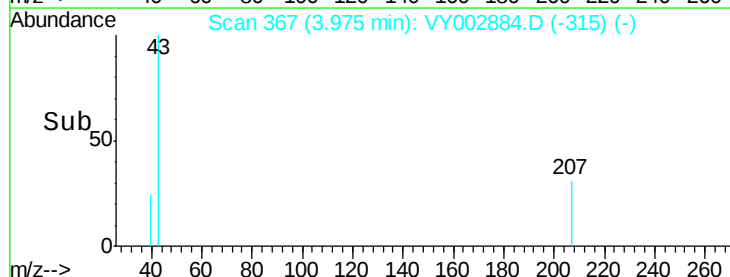
150

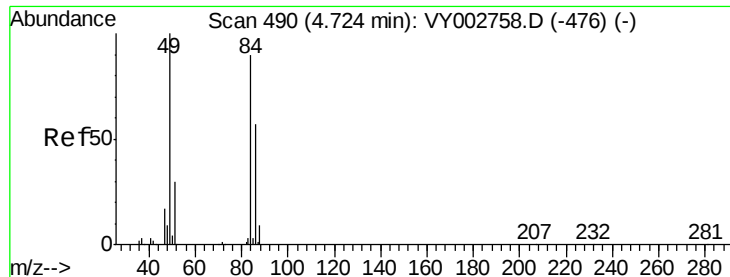
100

50

0

Time-->

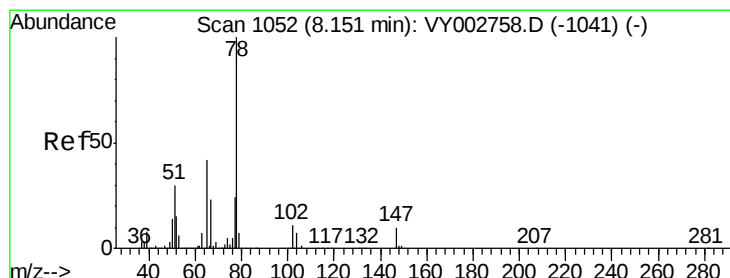
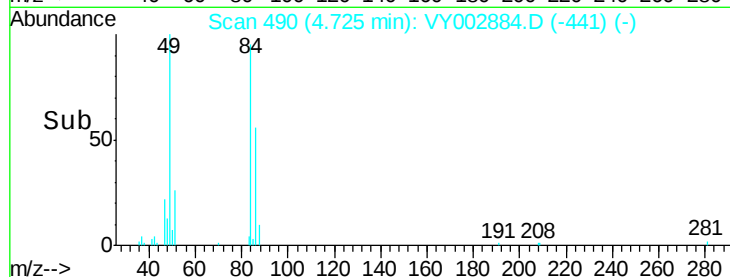
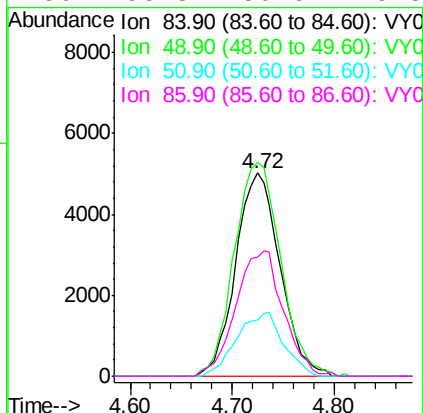
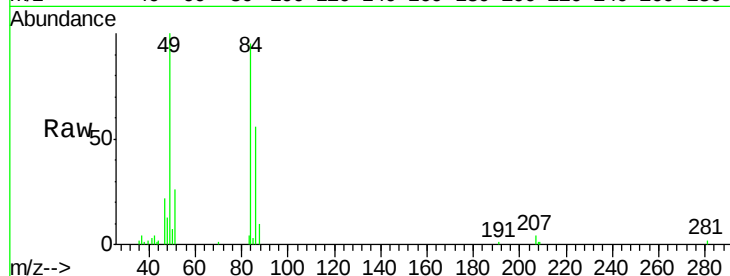




#20
Methylene Chloride
Concen: 6.59 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002884.D
Acq: 11 Jun 2020 12:11

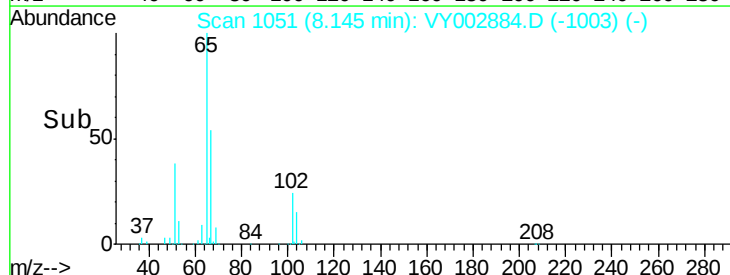
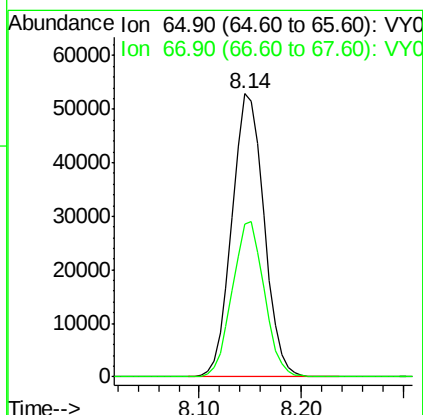
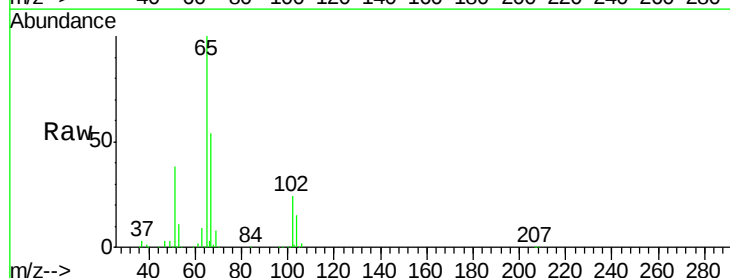
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-1

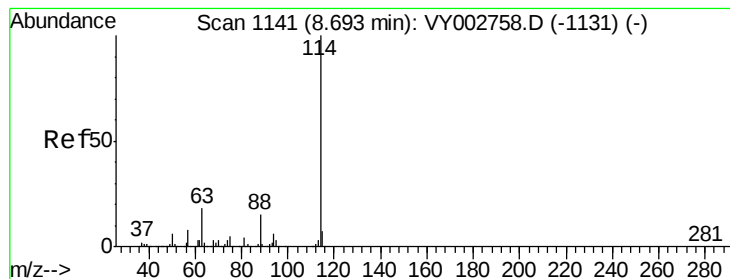
Tgt Ion:	84	Resp:	15153
Ion	Ratio	Lower	Upper
84	100		
49	105.2	88.5	132.7
51	27.7	26.8	40.2
86	58.8	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 57.49 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. -0.01 min
Lab File: VY002884.D
Acq: 11 Jun 2020 12:11

Tgt Ion:	65	Resp:	115362
Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	111.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY002884.D

Acq: 11 Jun 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

STOCK-PILE-1

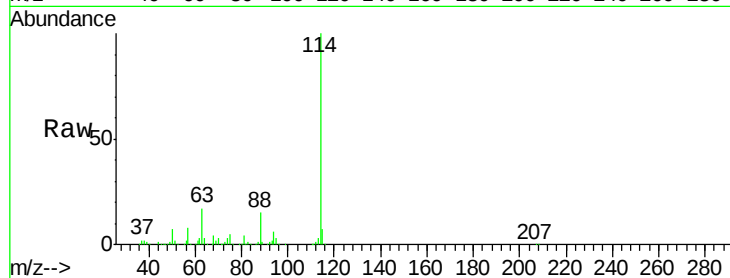
Tgt Ion:114 Resp: 374294

Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.2

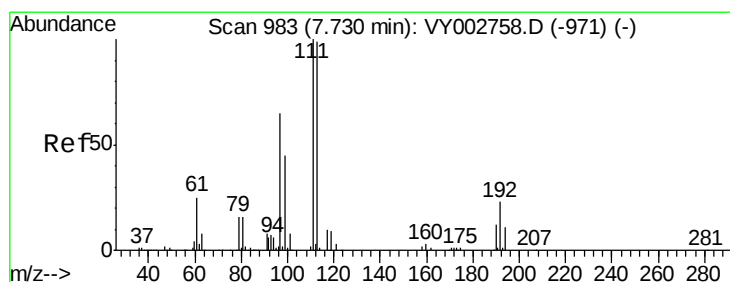
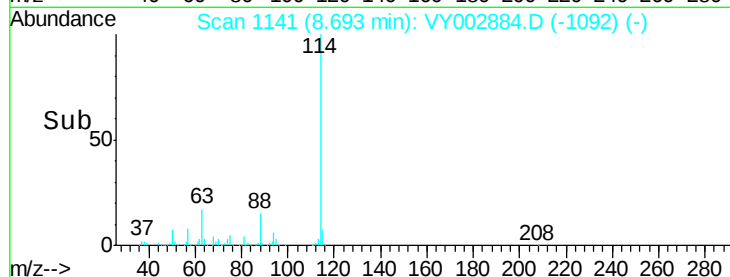
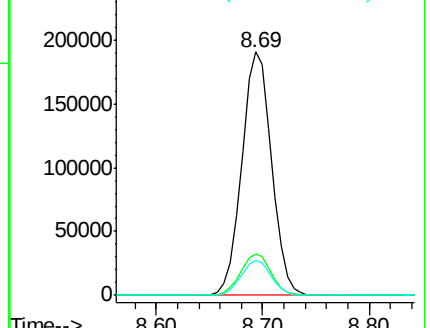
88 14.6 0.0 29.2



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: 52.67 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002884.D

Acq: 11 Jun 2020 12:11

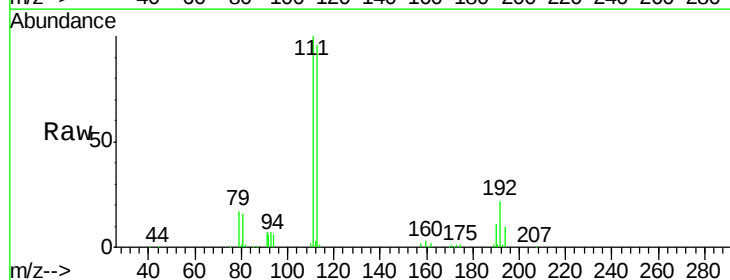
Tgt Ion:113 Resp: 115525

Ion Ratio Lower Upper

113 100

111 102.1 82.0 123.0

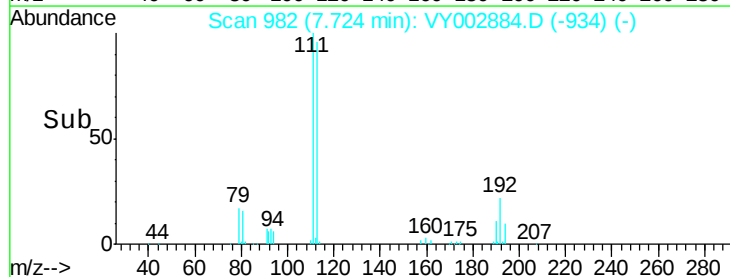
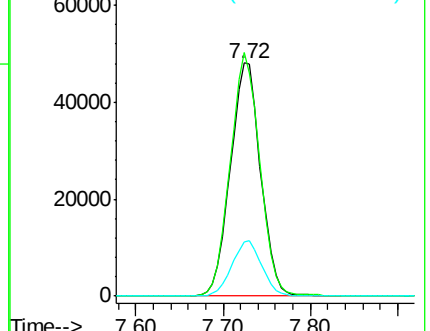
192 23.3 18.9 28.3

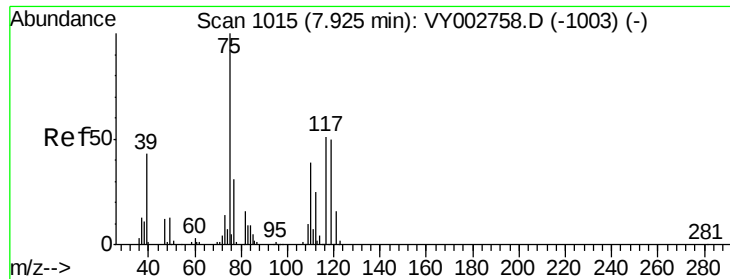


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

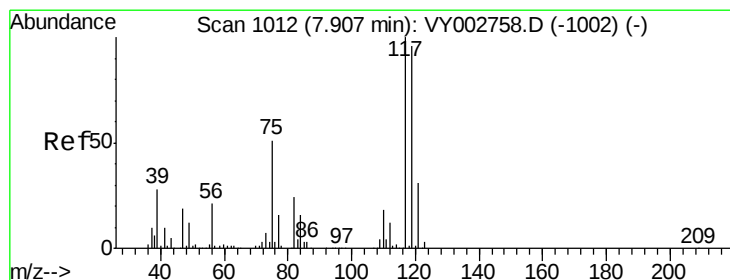
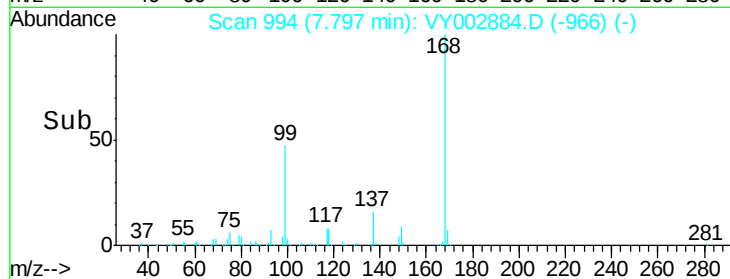
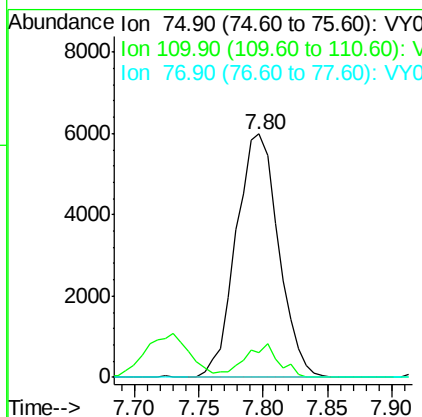
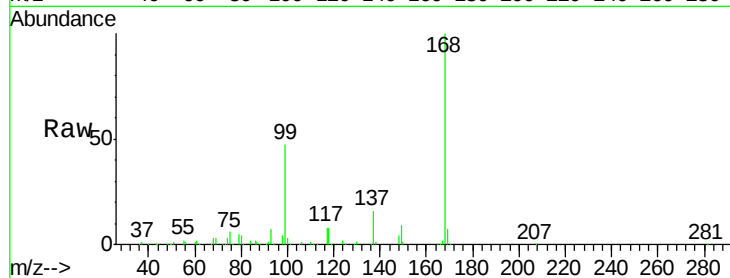




#36
 1,1-Dichloropropene
 Concen: 4.34 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY002884.D
 Acq: 11 Jun 2020 12:11

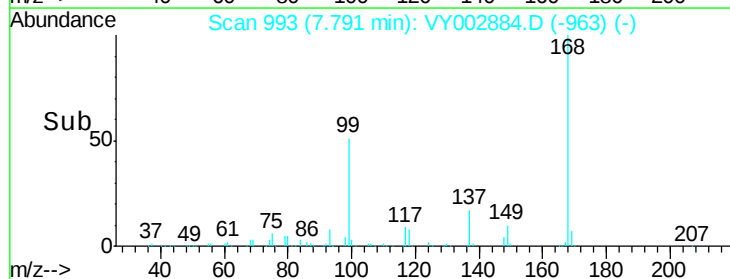
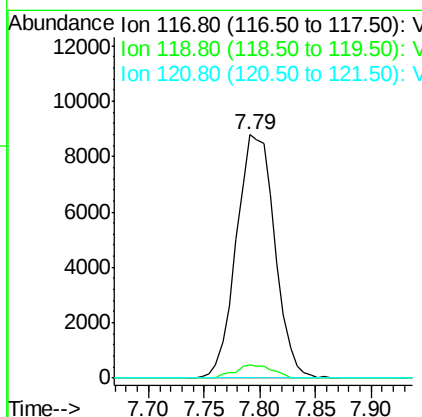
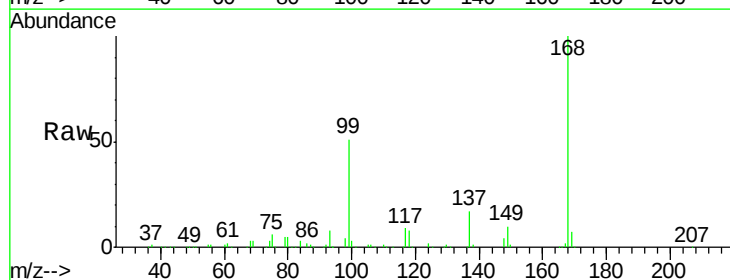
Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCK-PILE-1

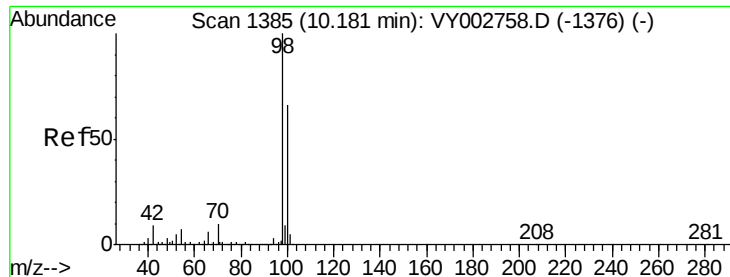
Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.3	19.3	57.9#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.00 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.12 min
 Lab File: VY002884.D
 Acq: 11 Jun 2020 12:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.8	115.2#
121	0.0	24.8	37.2#





#50

Toluene-d8

Concen: 49.79 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002884.D

Acq: 11 Jun 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

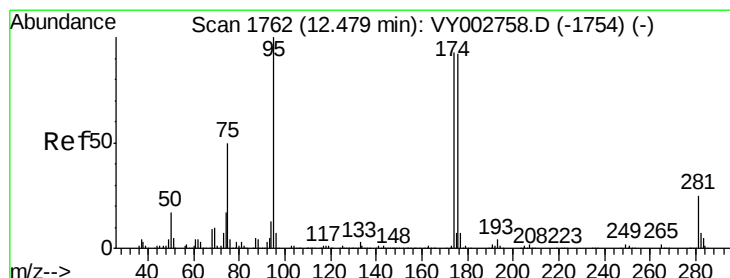
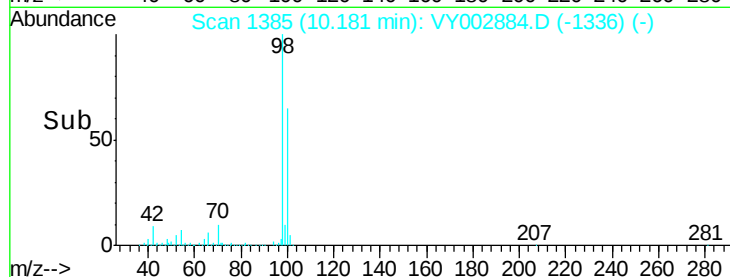
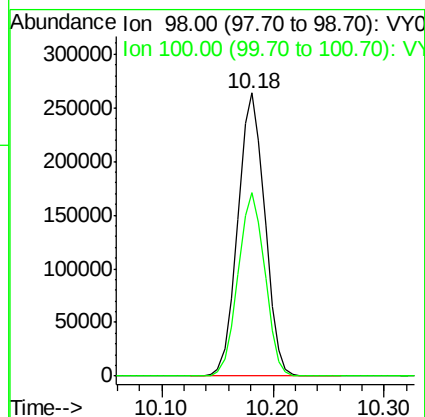
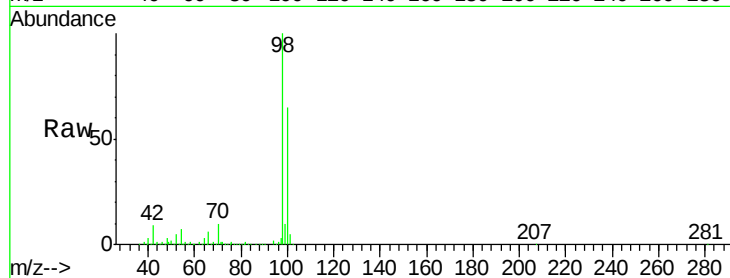
STOCK-PILE-1

Tgt Ion: 98 Resp: 441635

Ion Ratio Lower Upper

98 100

100 64.5 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 47.90 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002884.D

Acq: 11 Jun 2020 12:11

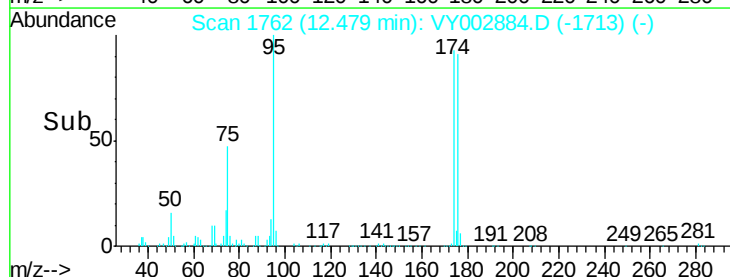
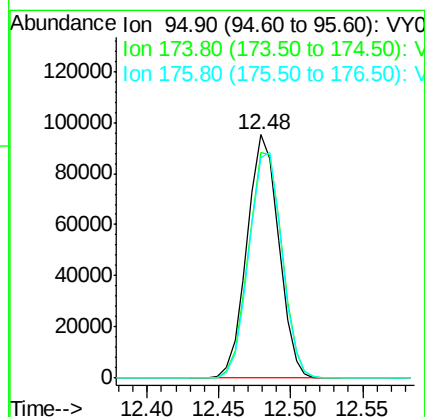
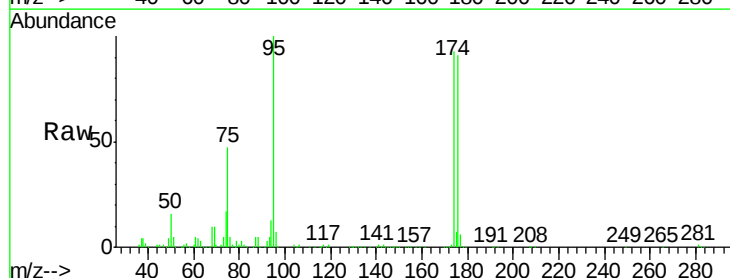
Tgt Ion: 95 Resp: 145186

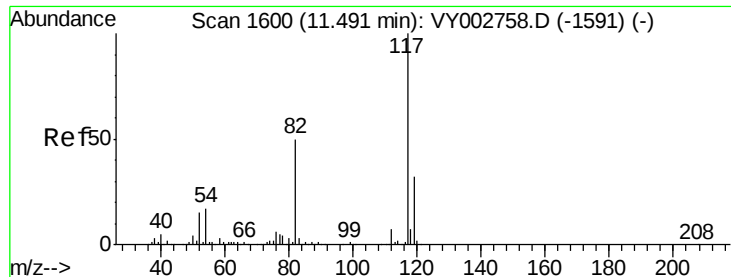
Ion Ratio Lower Upper

95 100

174 97.7 0.0 191.2

176 95.4 0.0 188.8

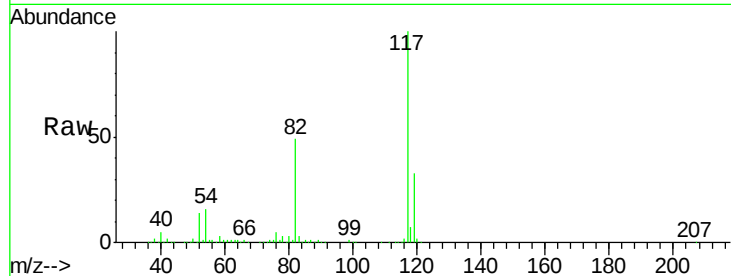




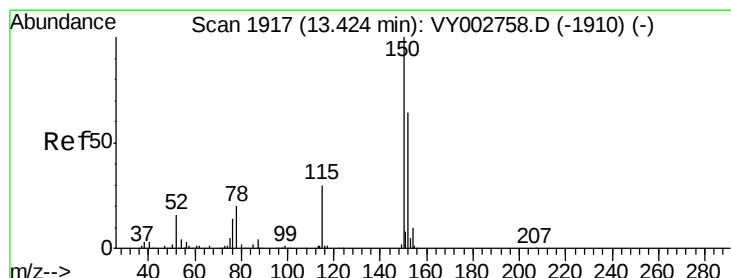
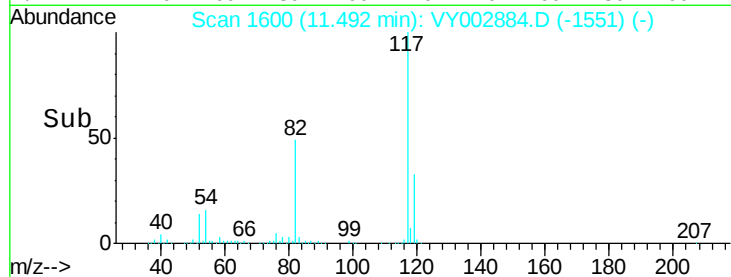
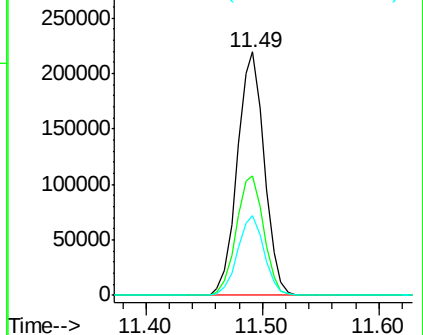
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002884.D
Acq: 11 Jun 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-1

Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.2	40.2	60.4
119	32.5	25.8	38.8

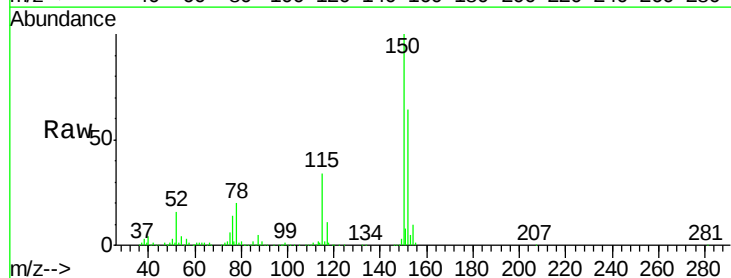


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

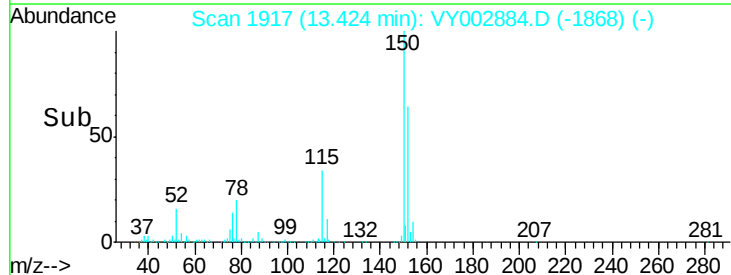
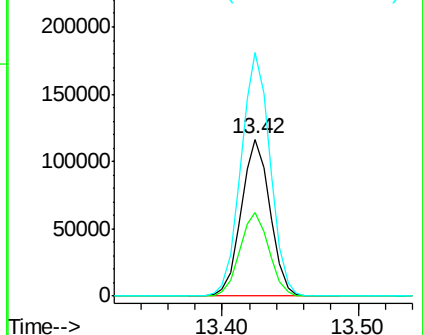


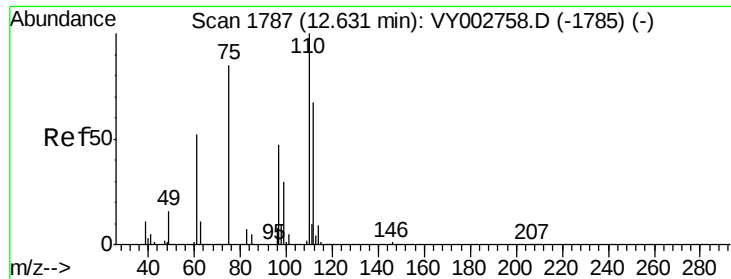
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002884.D
Acq: 11 Jun 2020 12:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.0	27.0	81.0
150	157.7	0.0	344.8



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: 45.80 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002884.D

Acq: 11 Jun 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

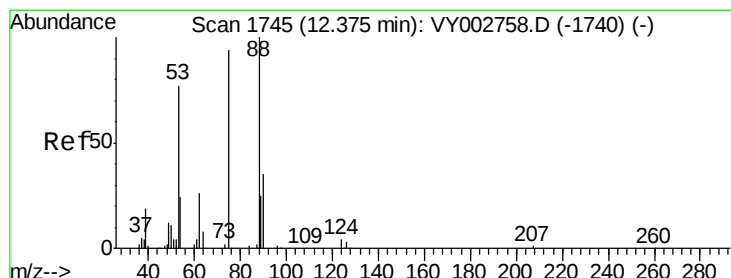
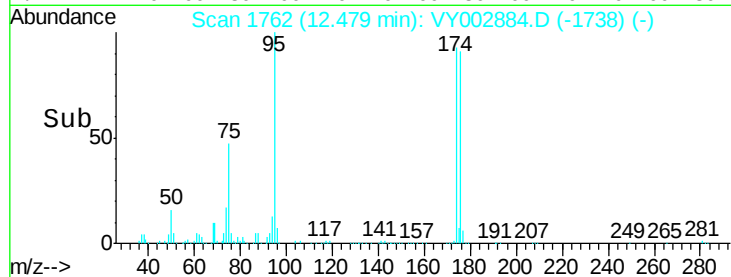
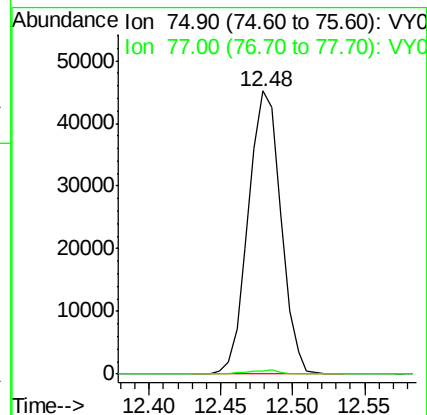
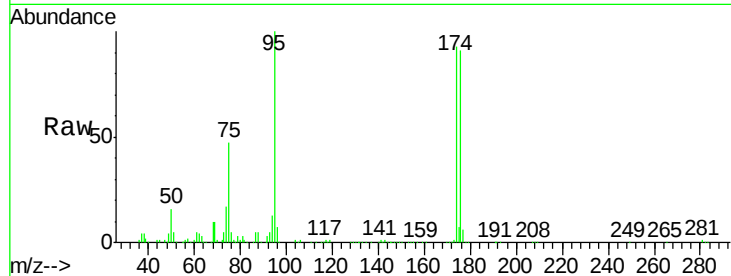
STOCK-PILE-1

Tgt Ion: 75 Resp: 70669

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 86.29 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002884.D

Acq: 11 Jun 2020 12:11

Tgt Ion: 75 Resp: 70669

Ion Ratio Lower Upper

75 100

53 0.0 64.0 96.0#

89 0.0 37.4 56.2#

