

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY061120\
 Data File : VY002886.D
 Acq On : 11 Jun 2020 12:59
 Operator : SY/MD
 Sample : L2972-09
 Misc : 7.17G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCK-PILE-3

Quant Time: Jun 11 16:39:50 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	223598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	366732	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	346897	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	170668	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	114209	58.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.66%	
35) Dibromofluoromethane	7.72	113	113143	52.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.28%	
50) Toluene-d8	10.18	98	434077	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
62) 4-Bromofluorobenzene	12.48	95	142225	47.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.78%	

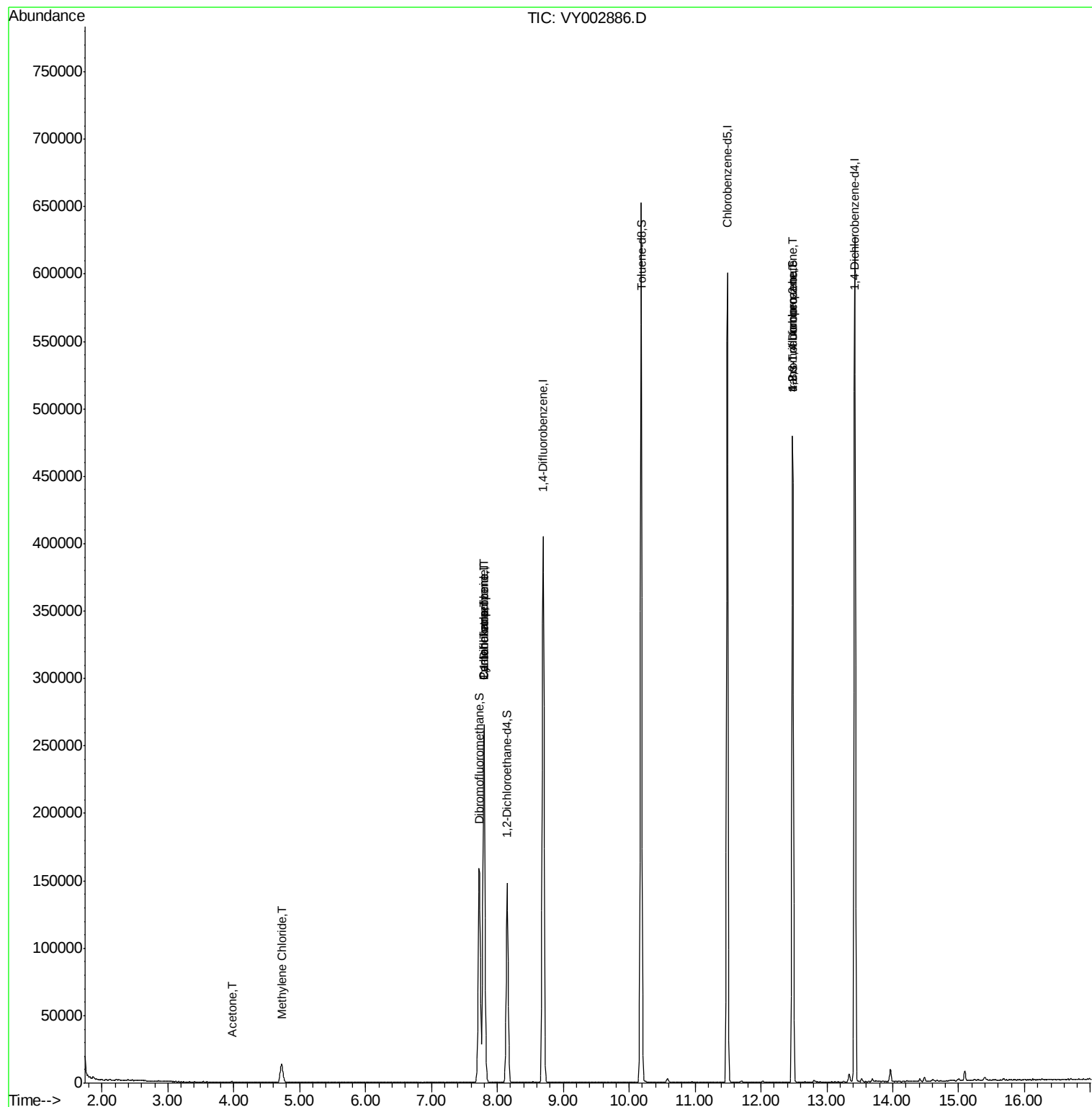
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.97	43	511	1.12	ug/l	# 40
18) Methyl Acetate	4.50	43	482	Below Cal		# 48
20) Methylene Chloride	4.72	84	11050	4.97	ug/l	97
31) Cyclohexane	7.80	56	3485	1.06	ug/l	# 1
36) 1,1-Dichloropropene	7.80	75	13536	4.38	ug/l	# 51
38) Carbon Tetrachloride	7.80	117	19975	5.82	ug/l	# 16
76) 1,2,3-Trichloropropane	12.48	75	69261	45.04	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.48	75	69261	84.85	ug/l	# 17

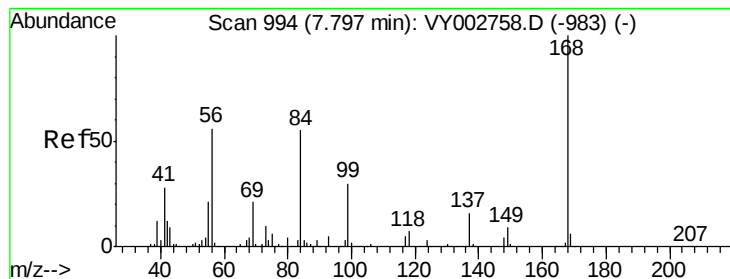
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY061120\
Data File : VY002886.D
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Quant Time: Jun 11 16:39:50 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: VY002886.D

Acq: 11 Jun 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

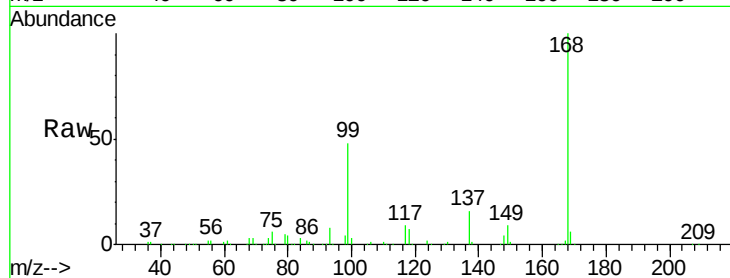
STOCK-PILE-3

Tgt Ion:168 Resp: 223598

Ion Ratio Lower Upper

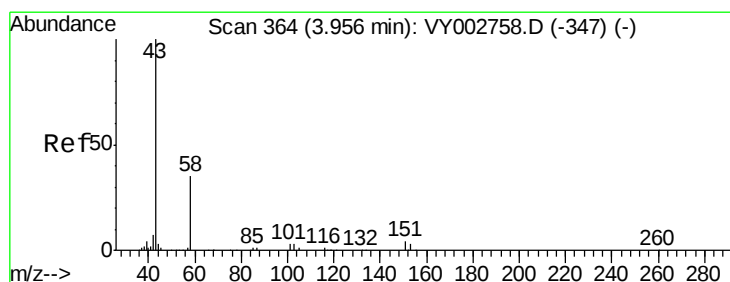
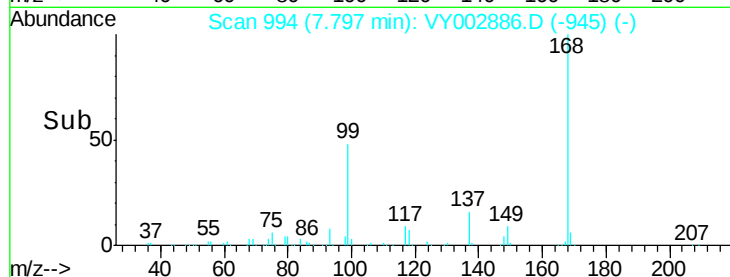
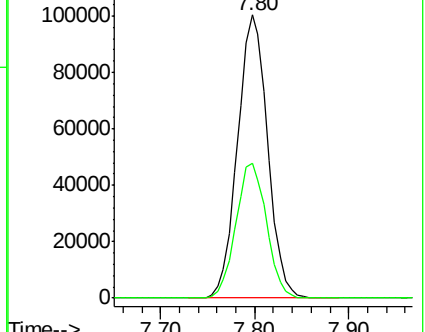
168 100

99 47.8 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002886.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002886.D (-945) (-)



#16

Acetone

Concen: 1.12 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002886.D

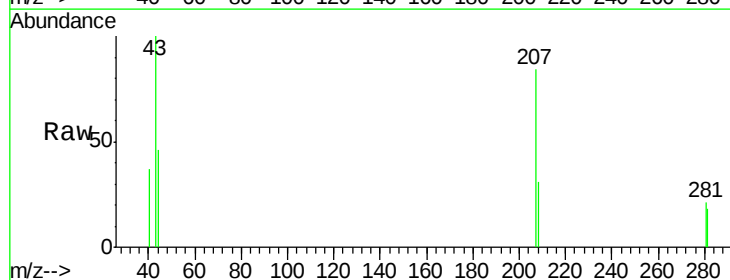
Acq: 11 Jun 2020 12:59

Tgt Ion: 43 Resp: 511

Ion Ratio Lower Upper

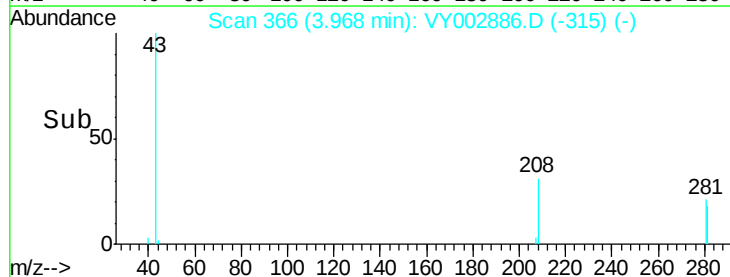
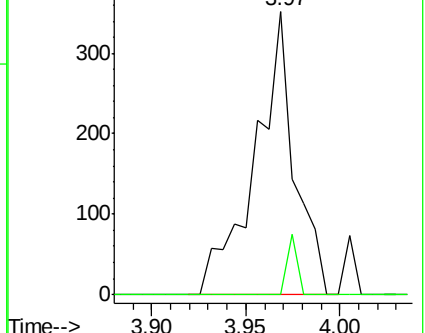
43 100

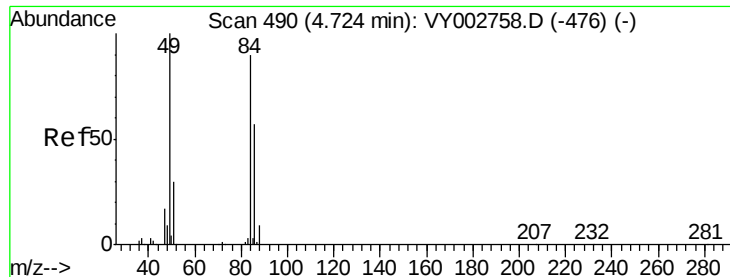
58 0.0 27.7 41.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002886.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY002886.D (-315) (-)





#20

Methylene Chloride

Concen: 4.97 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY002886.D

Acq: 11 Jun 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

STOCK-PILE-3

Tgt Ion: 84 Resp: 11050

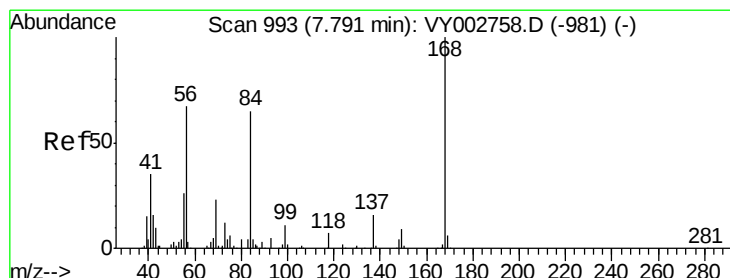
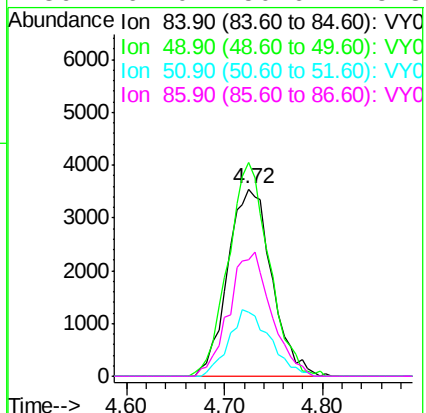
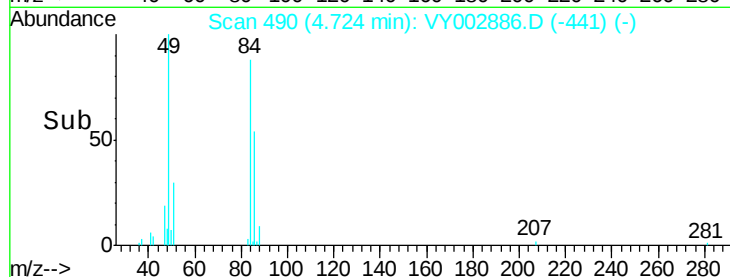
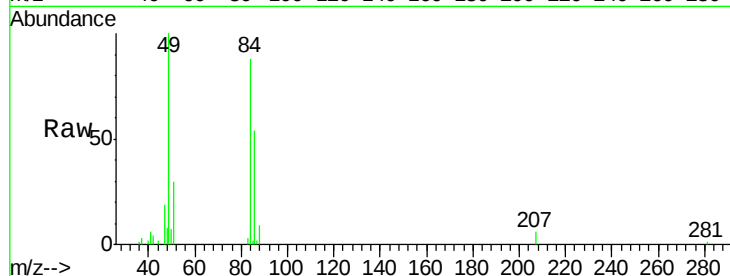
Ion Ratio Lower Upper

84 100

49 114.2 88.5 132.7

51 34.4 26.8 40.2

86 62.0 50.6 75.8



#31

Cyclohexane

Concen: 1.06 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY002886.D

Acq: 11 Jun 2020 12:59

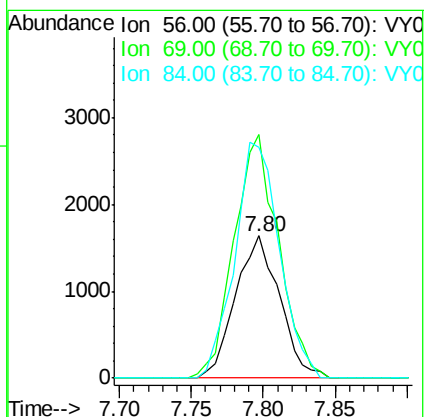
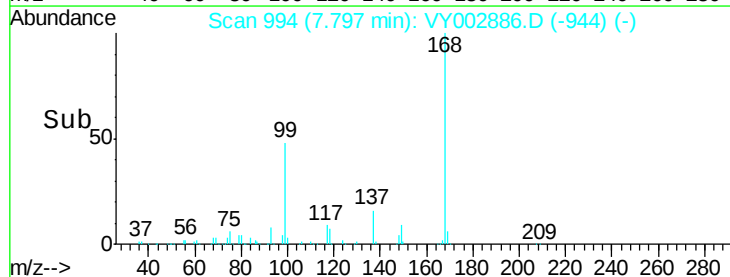
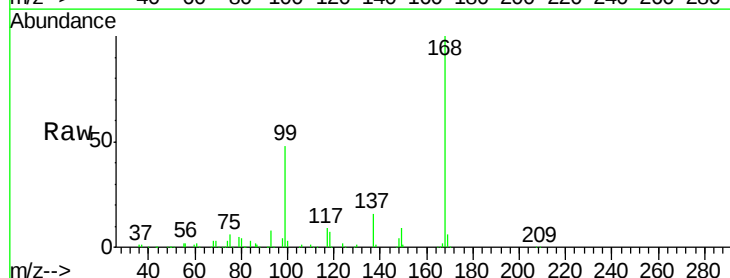
Tgt Ion: 56 Resp: 3485

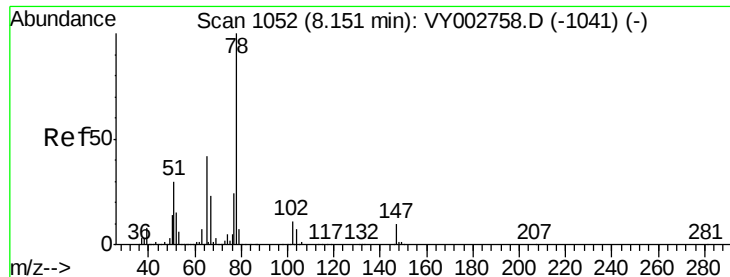
Ion Ratio Lower Upper

56 100

69 171.2 28.0 42.0#

84 162.0 77.7 116.5#

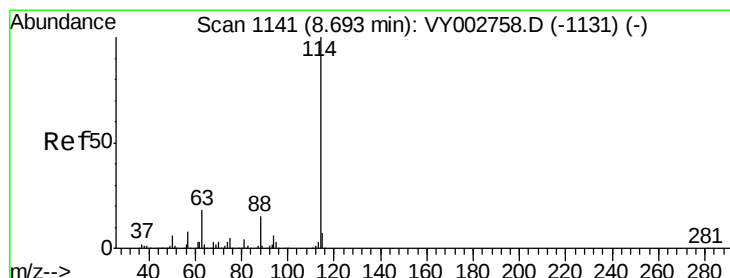
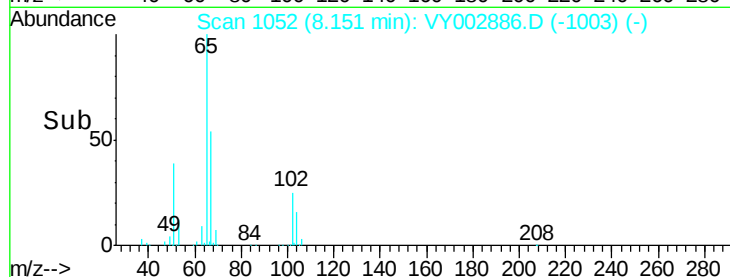
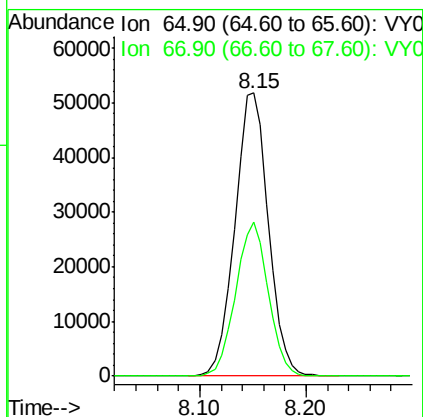
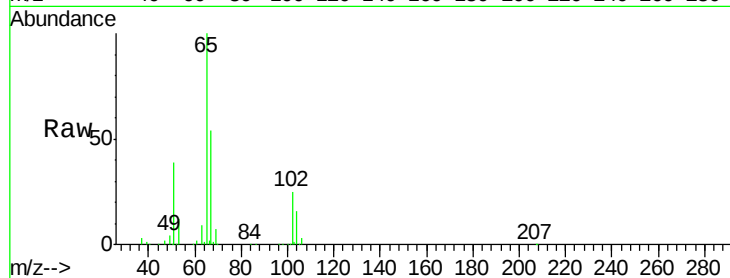




#33
 1,2-Dichloroethane-d4
 Concen: 58.83 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002886.D
 Acq: 11 Jun 2020 12:59

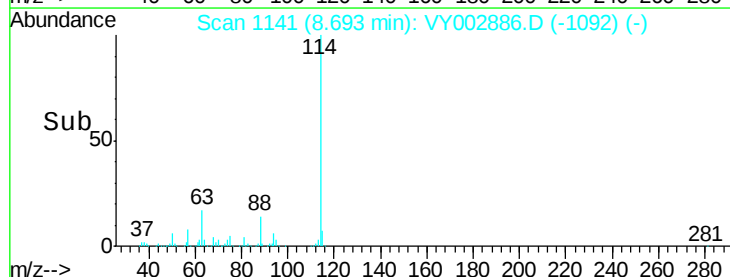
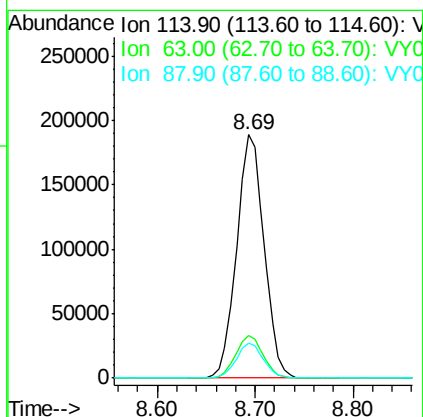
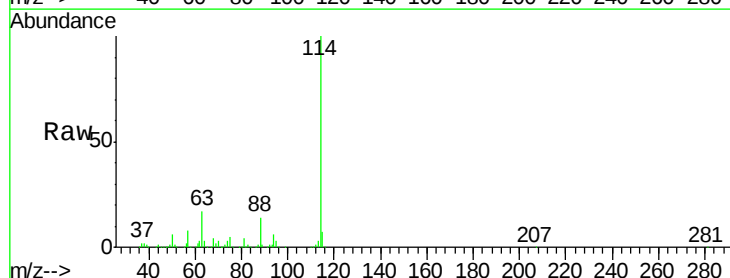
Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCK-PILE-3

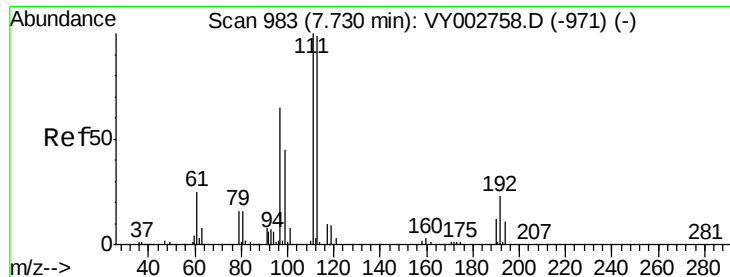
Tgt Ion: 65 Resp: 114209
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002886.D
 Acq: 11 Jun 2020 12:59

Tgt Ion: 114 Resp: 366732
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 35.2
 88 14.2 0.0 29.2

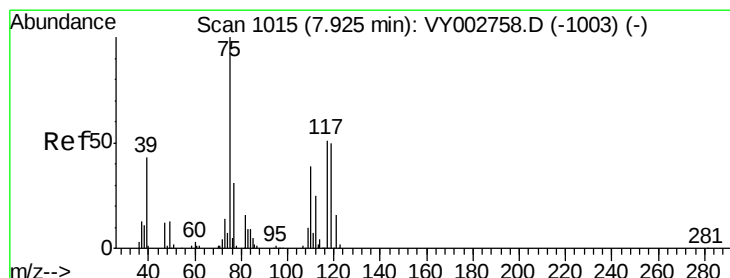
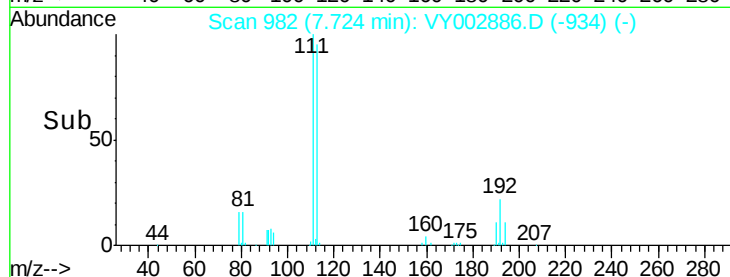
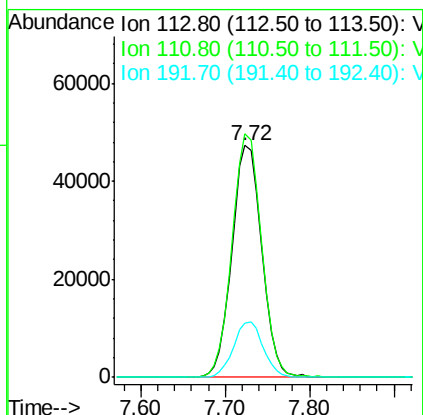
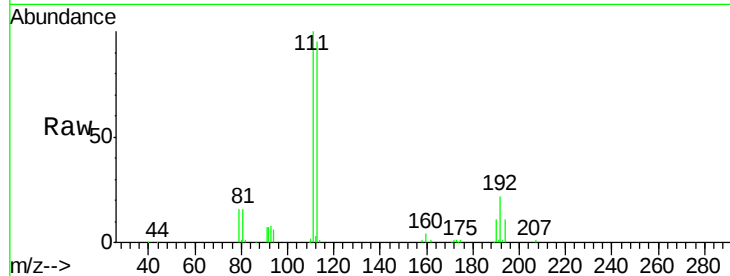




#35
 Dibromofluoromethane
 Concen: 52.64 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002886.D
 Acq: 11 Jun 2020 12:59

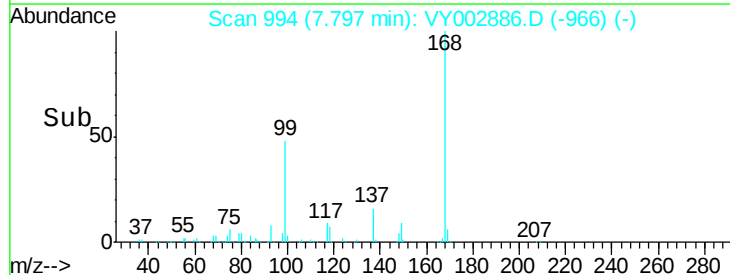
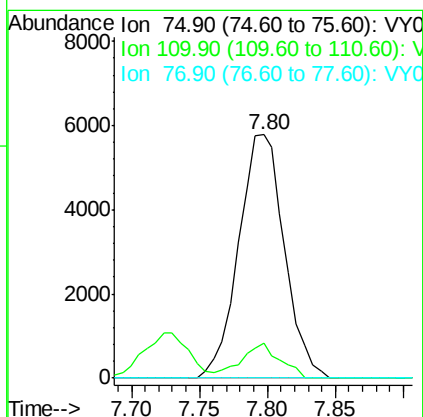
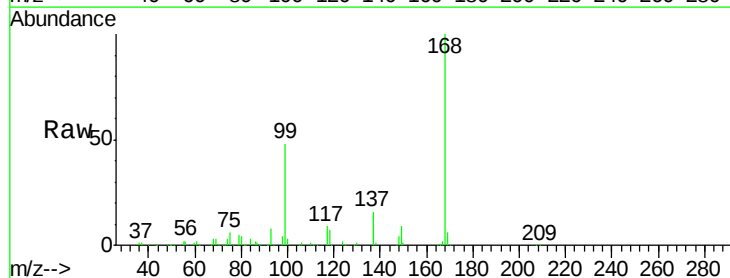
Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCK-PILE-3

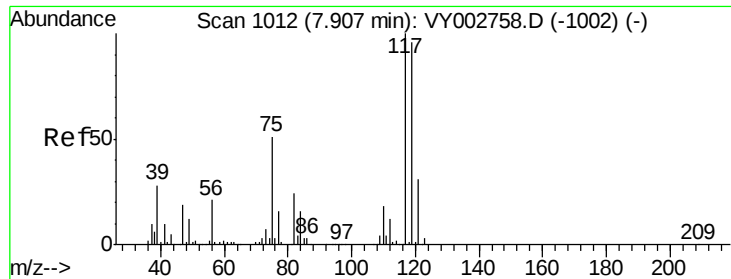
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.0	123.0
192	23.7	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 4.38 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY002886.D
 Acq: 11 Jun 2020 12:59

Tgt Ion	Ratio	Lower	Upper
75	100		
110	12.0	19.3	57.9#
77	0.0	24.8	37.2#

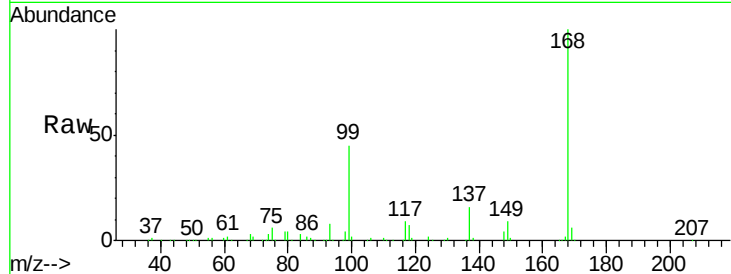




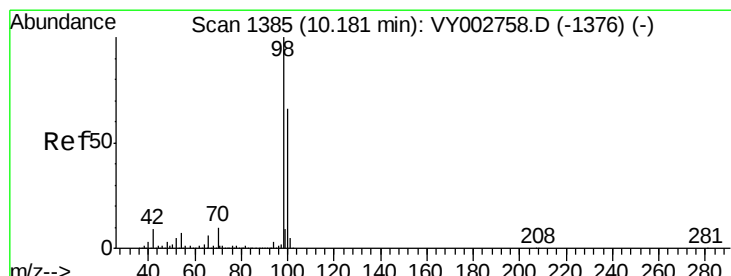
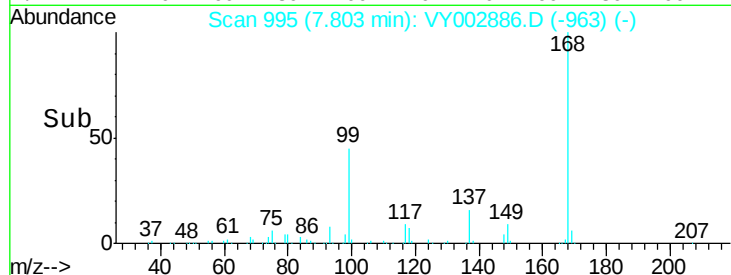
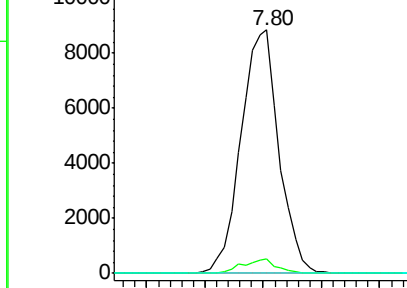
#38
Carbon Tetrachloride
Concen: 5.82 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.10 min
Lab File: VY002886.D
Acq: 11 Jun 2020 12:59

Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-3

Tgt Ion: 117 Resp: 19975
Ion Ratio Lower Upper
117 100
119 5.7 76.8 115.2#
121 0.0 24.8 37.2#

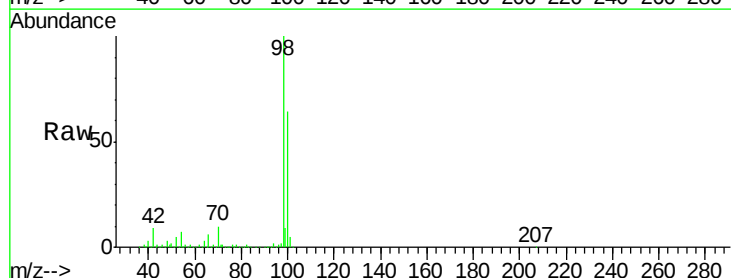


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

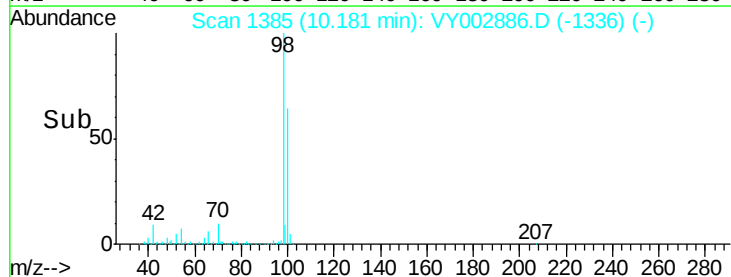
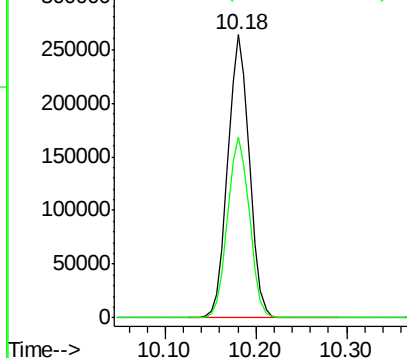


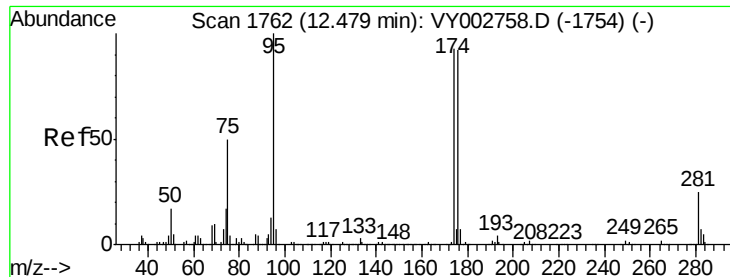
#50
Toluene-d8
Concen: 49.95 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002886.D
Acq: 11 Jun 2020 12:59

Tgt Ion: 98 Resp: 434077
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY

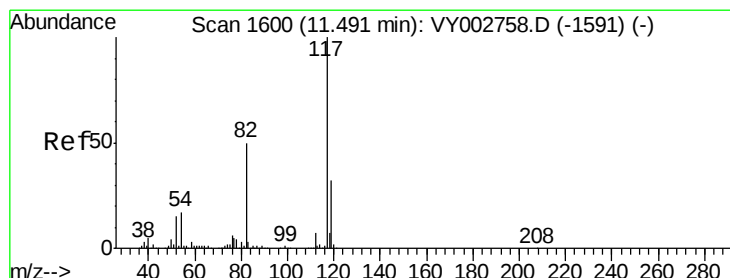
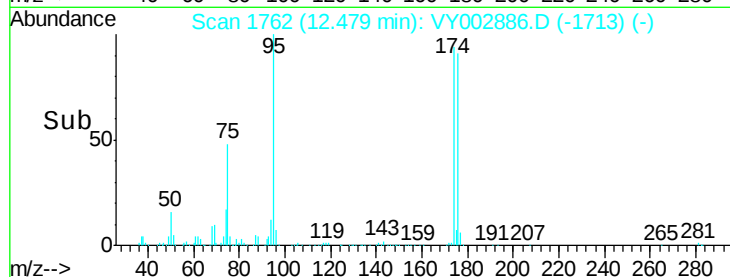
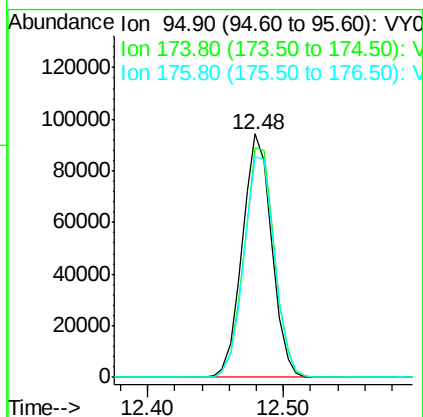
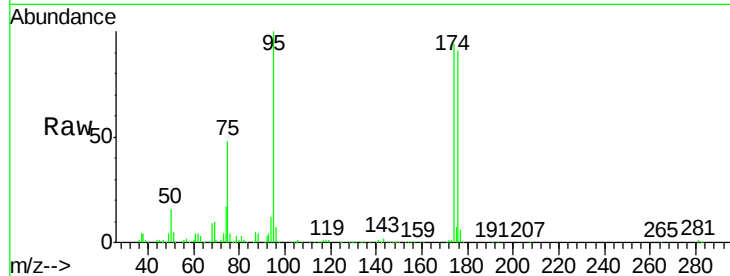




#62
4-Bromofluorobenzene
Concen: 47.89 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY002886.D
Acq: 11 Jun 2020 12:59

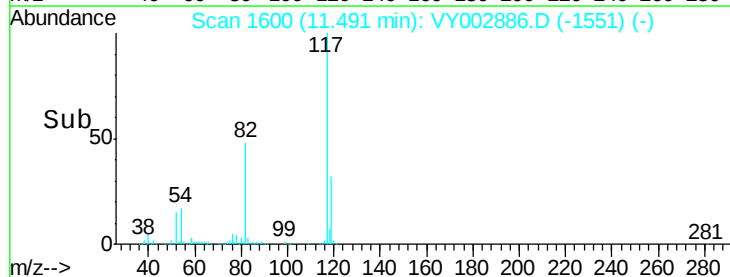
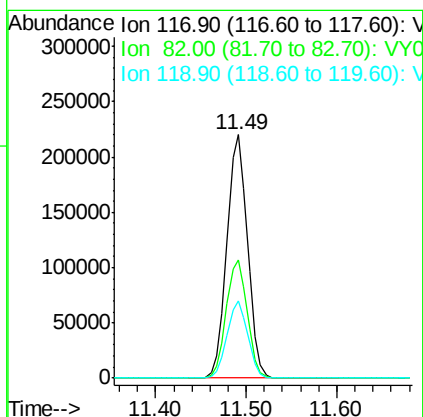
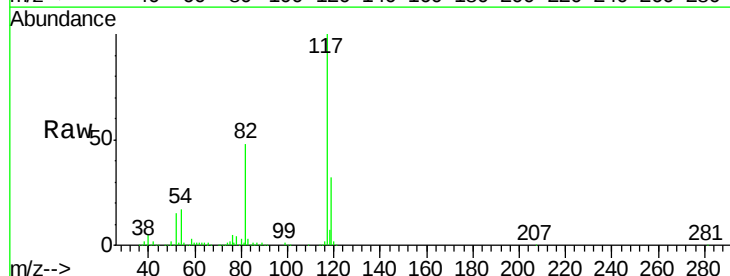
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-3

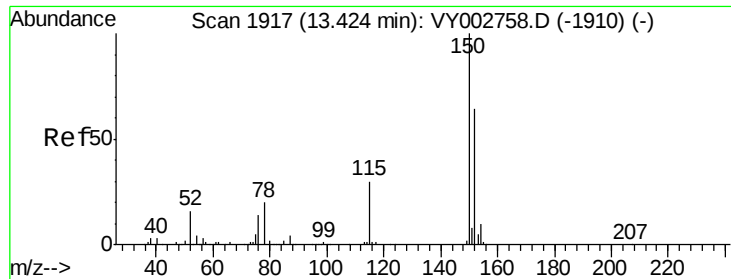
Tgt Ion: 95 Resp: 142225
Ion Ratio Lower Upper
95 100
174 98.0 0.0 191.2
176 94.5 0.0 188.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002886.D
Acq: 11 Jun 2020 12:59

Tgt Ion: 117 Resp: 346897
Ion Ratio Lower Upper
117 100
82 48.5 40.2 60.4
119 31.7 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002886.D

Acq: 11 Jun 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

STOCK-PILE-3

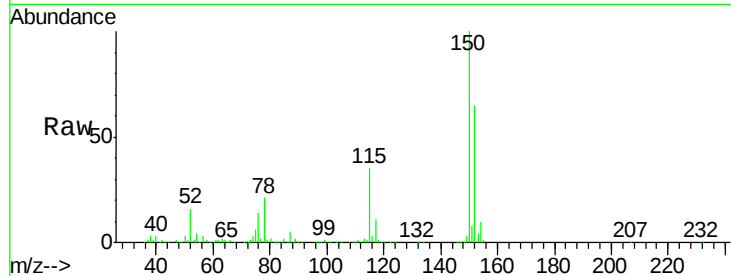
Tgt Ion: 152 Resp: 170668

Ion Ratio Lower Upper

152 100

115 53.2 27.0 81.0

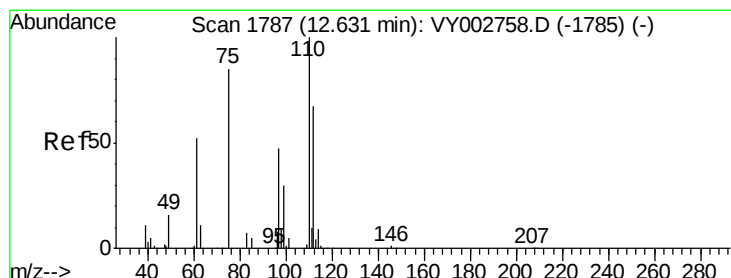
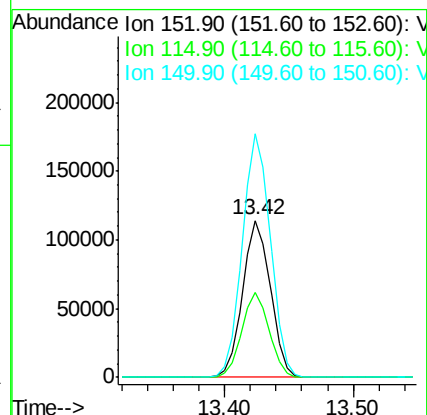
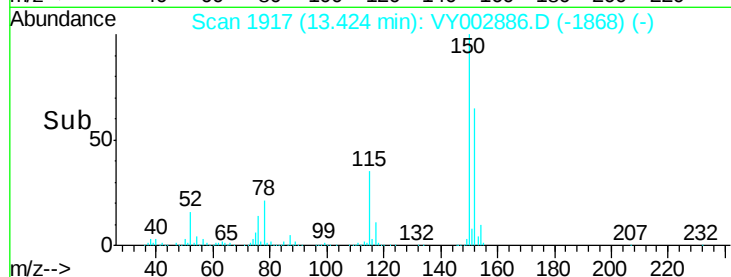
150 156.5 0.0 344.8



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: 45.04 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002886.D

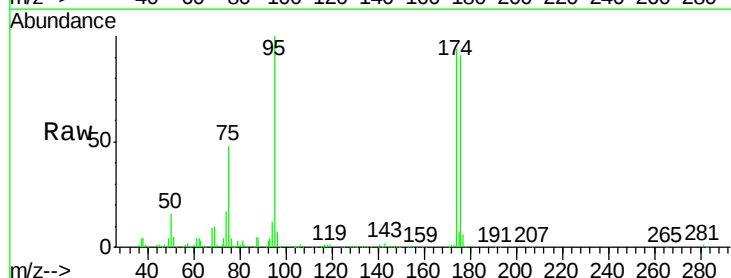
Acq: 11 Jun 2020 12:59

Tgt Ion: 75 Resp: 69261

Ion Ratio Lower Upper

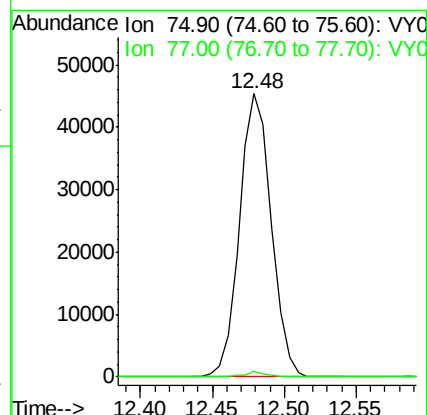
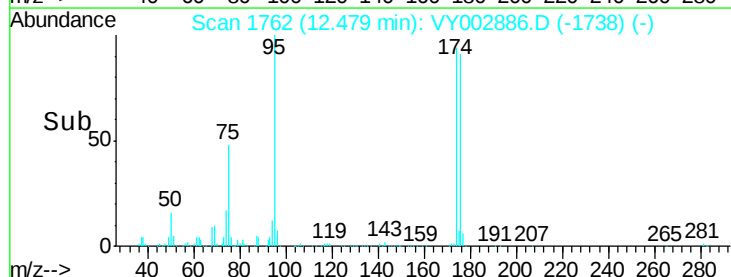
75 100

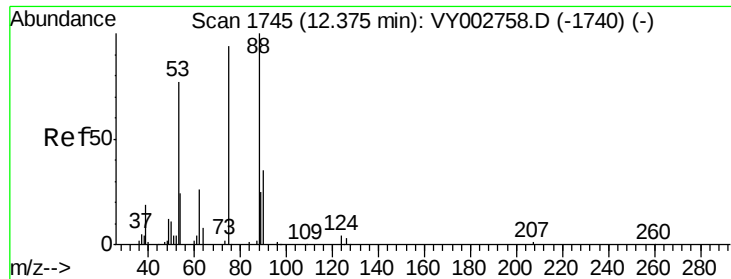
77 1.4 0.0 0.0#



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: 84.85 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002886.D

Acq: 11 Jun 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

STOCK-PILE-3

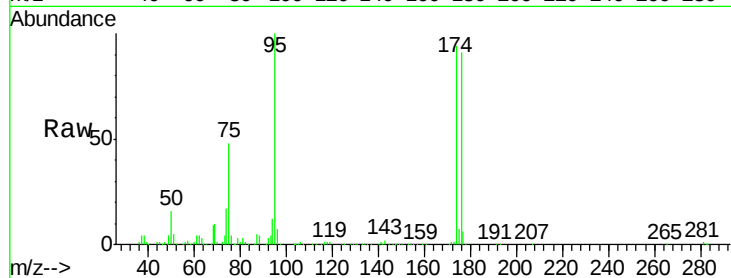
Tgt Ion: 75 Resp: 69261

Ion Ratio Lower Upper

75 100

53 0.0 64.0 96.0#

89 0.0 37.4 56.2#



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

