

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY061120\
 Data File : VY002885.D
 Acq On : 11 Jun 2020 12:35
 Operator : SY/MD
 Sample : L2972-06
 Misc : 7.44G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCK-PILE-2

Quant Time: Jun 11 16:39:44 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	225682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	369506	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	349810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	177802	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	115551	58.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.94%	
35) Dibromofluoromethane	7.72	113	113226	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	
50) Toluene-d8	10.18	98	438254	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
62) 4-Bromofluorobenzene	12.48	95	146965	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	

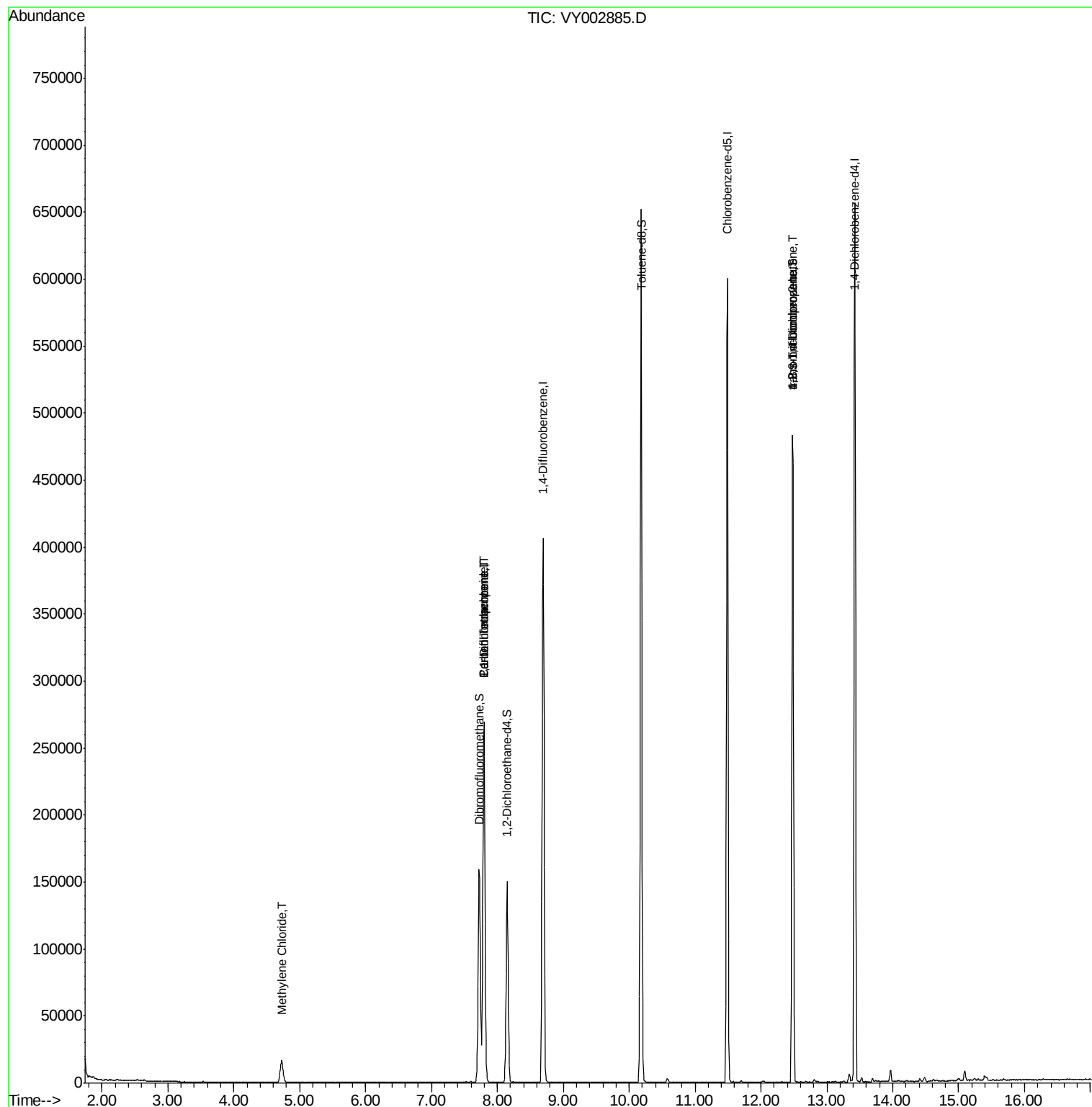
Target Compounds						Qvalue
18) Methyl Acetate	4.49	43	484	Below Cal	#	48
20) Methylene Chloride	4.72	84	13375	5.96	ug/l	89
36) 1,1-Dichloropropene	7.79	75	13636	4.38	ug/l	# 49
38) Carbon Tetrachloride	7.80	117	20089	5.81	ug/l	# 16
76) 1,2,3-Trichloropropane	12.48	75	71545	44.66	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.48	75	71545	84.13	ug/l	# 17

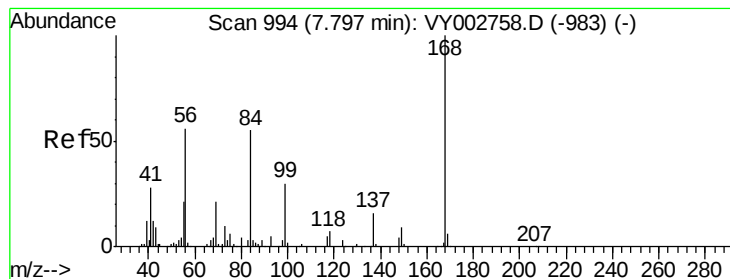
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY061120\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002885.D

Acq: 11 Jun 2020 12:35

Instrument :

MSVOA_Y

ClientSampleId :

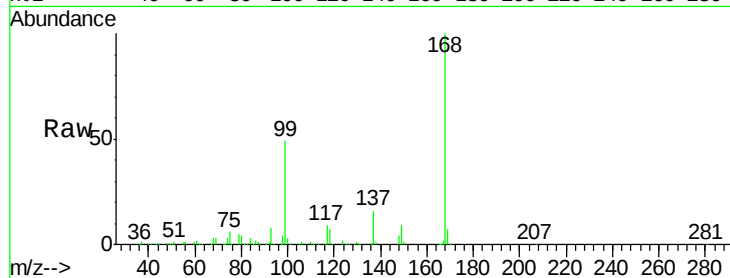
STOCK-PILE-2

Tgt Ion:168 Resp: 225682

Ion Ratio Lower Upper

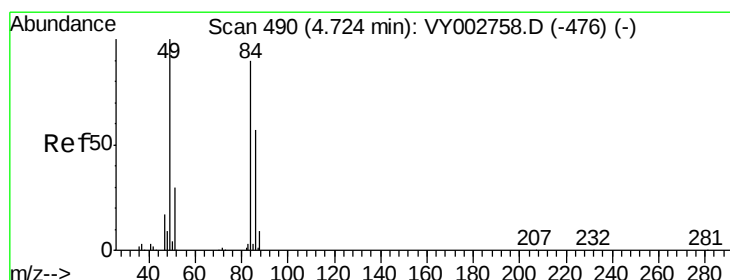
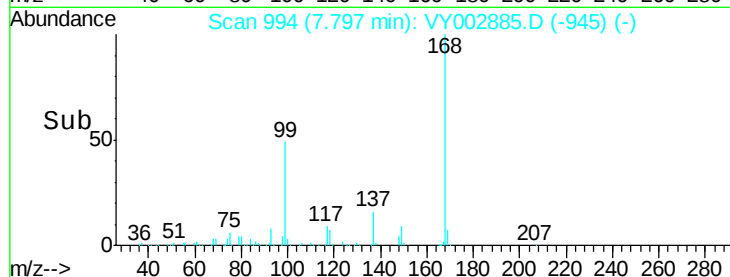
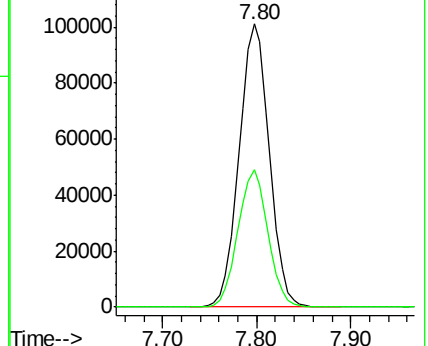
168 100

99 48.6 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)



#20

Methylene Chloride

Concen: 5.96 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY002885.D

Acq: 11 Jun 2020 12:35

Tgt Ion: 84 Resp: 13375

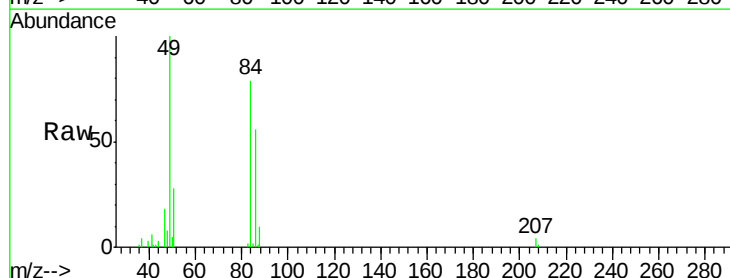
Ion Ratio Lower Upper

84 100

49 126.1 88.5 132.7

51 35.4 26.8 40.2

86 70.1 50.6 75.8

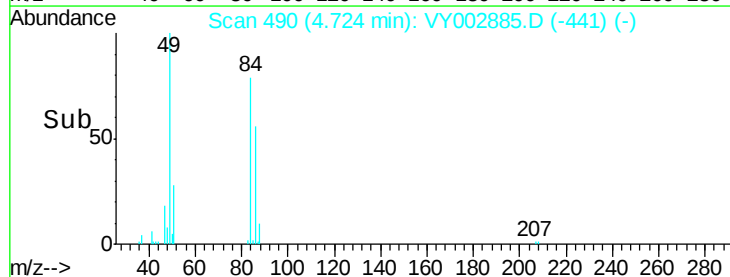
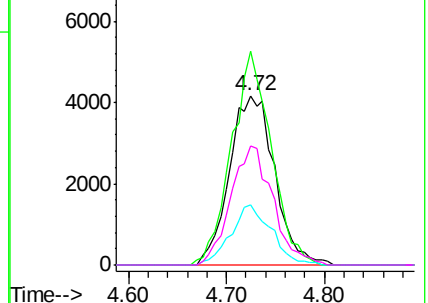


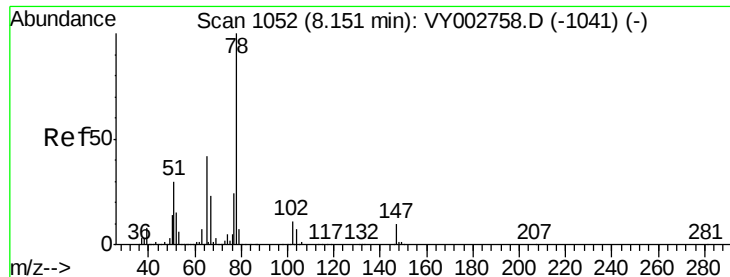
Abundance Ion 83.90 (83.60 to 84.60): VY002758.D (-476) (-)

Ion 48.90 (48.60 to 49.60): VY002758.D (-476) (-)

Ion 50.90 (50.60 to 51.60): VY002758.D (-476) (-)

Ion 85.90 (85.60 to 86.60): VY002758.D (-476) (-)

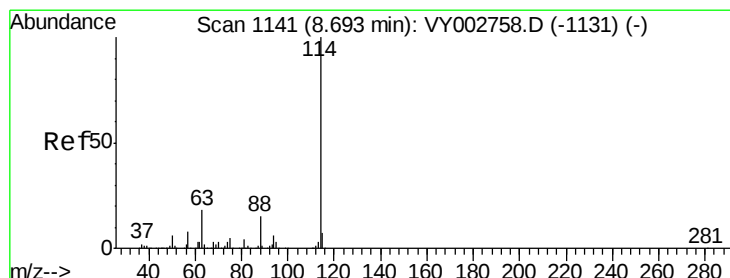
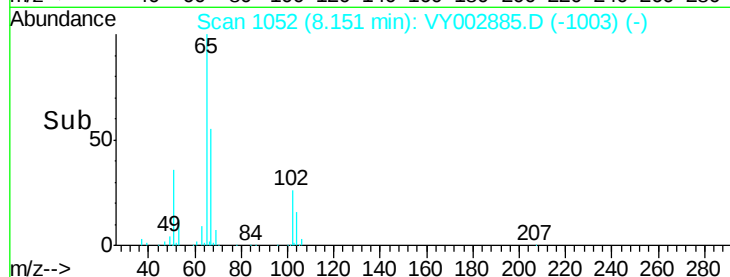
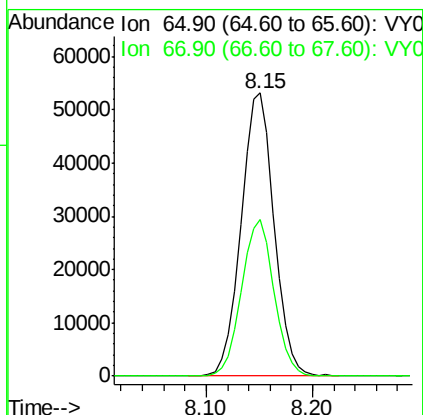
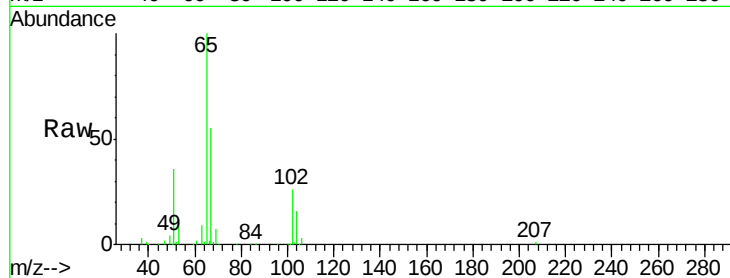




#33
 1,2-Dichloroethane-d4
 Concen: 58.97 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002885.D
 Acq: 11 Jun 2020 12:35

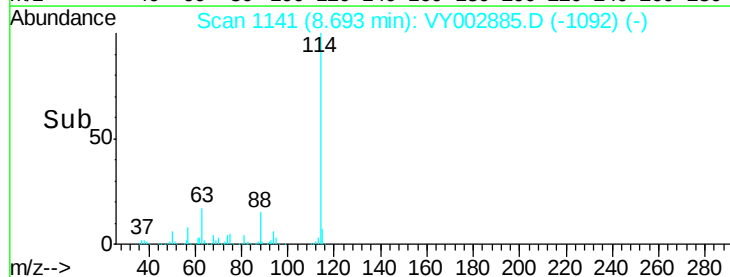
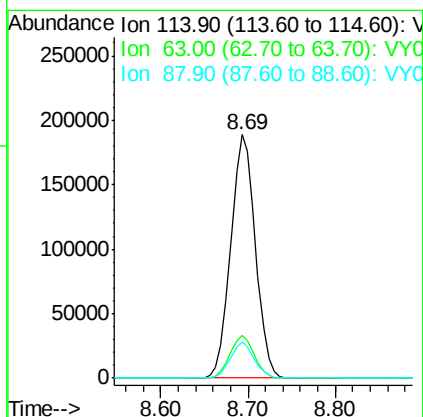
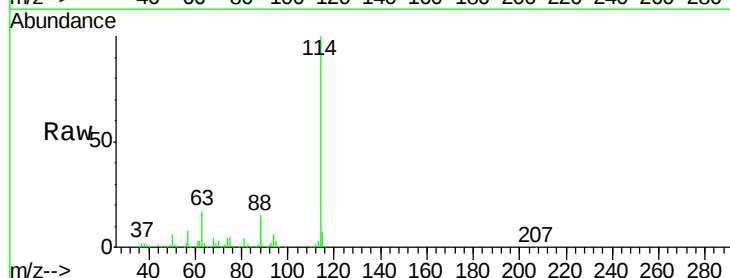
Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCK-PILE-2

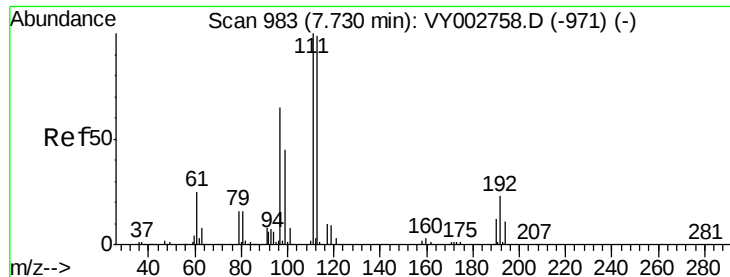
Tgt Ion: 65 Resp: 115551
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002885.D
 Acq: 11 Jun 2020 12:35

Tgt Ion: 114 Resp: 369506
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 35.2
 88 14.7 0.0 29.2





#35

Dibromofluoromethane

Concen: 52.29 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002885.D

Acq: 11 Jun 2020 12:35

Instrument :

MSVOA_Y

ClientSampleId :

STOCK-PILE-2

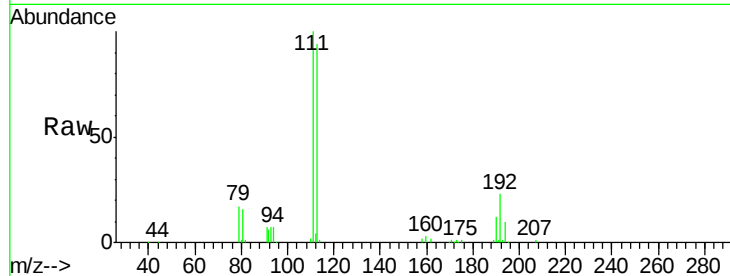
Tgt Ion:113 Resp: 113226

Ion Ratio Lower Upper

113 100

111 102.2 82.0 123.0

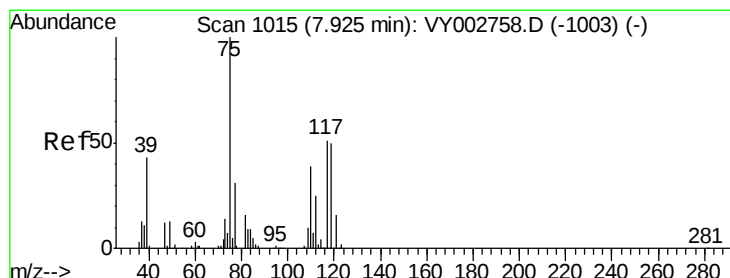
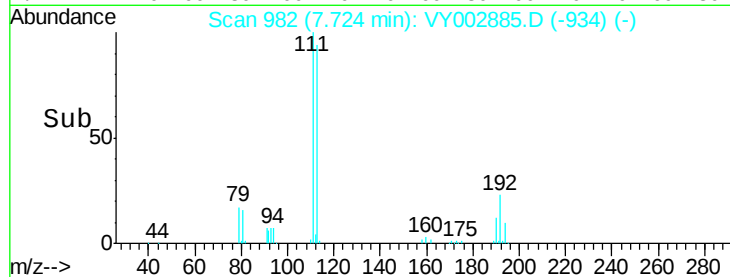
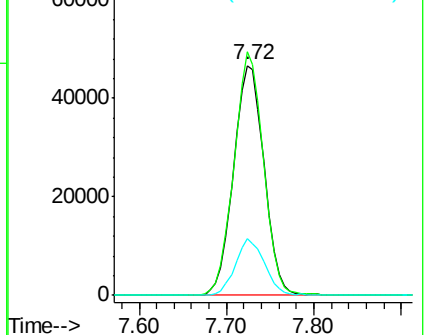
192 23.4 18.9 28.3



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: 4.38 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.13 min

Lab File: VY002885.D

Acq: 11 Jun 2020 12:35

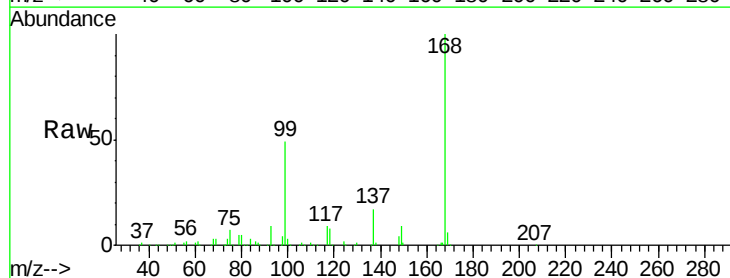
Tgt Ion: 75 Resp: 13636

Ion Ratio Lower Upper

75 100

110 10.1 19.3 57.9#

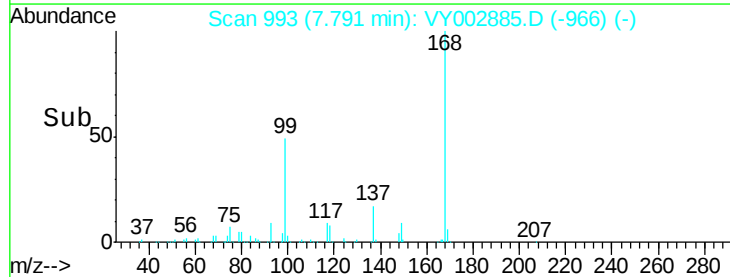
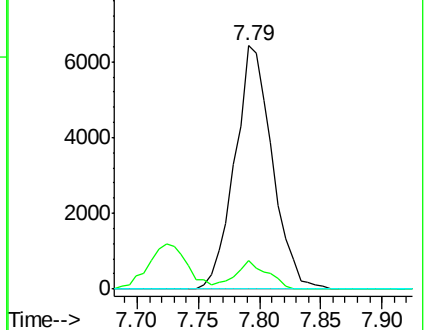
77 0.0 24.8 37.2#

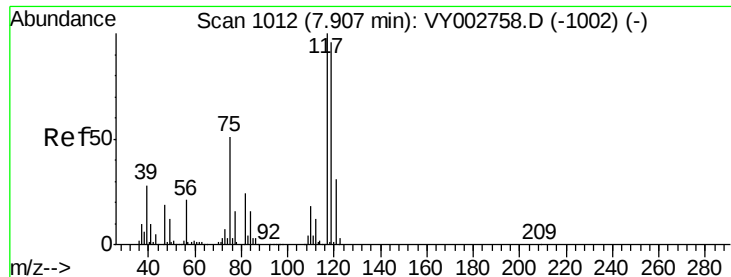


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

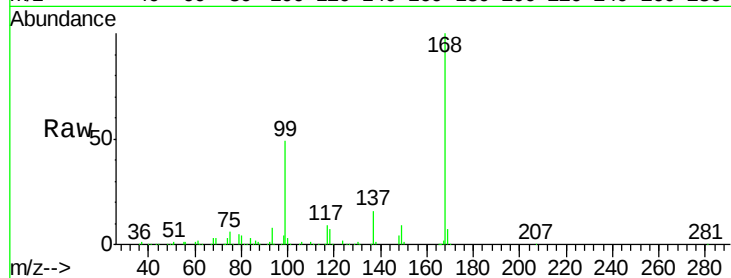




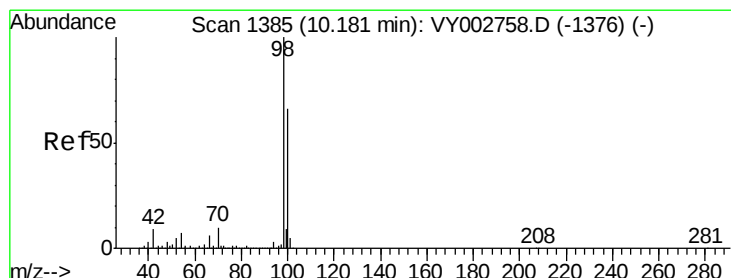
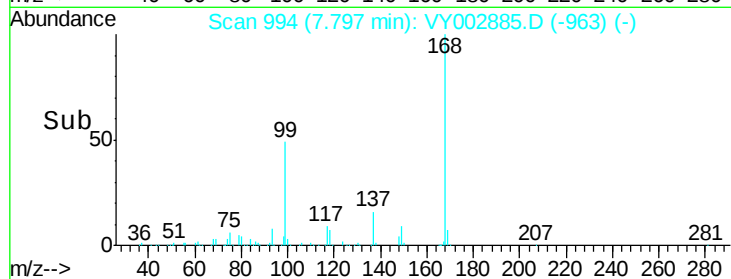
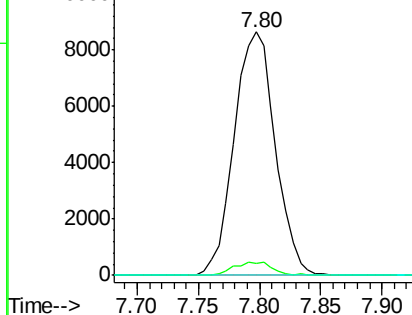
#38
Carbon Tetrachloride
Concen: 5.81 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY002885.D
Acq: 11 Jun 2020 12:35

Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-2

Tgt Ion: 117 Resp: 20089
Ion Ratio Lower Upper
117 100
119 4.9 76.8 115.2#
121 0.0 24.8 37.2#

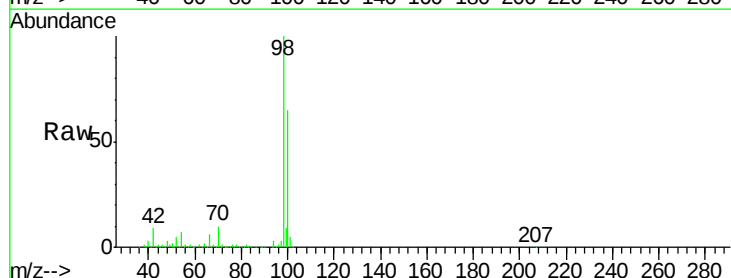


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

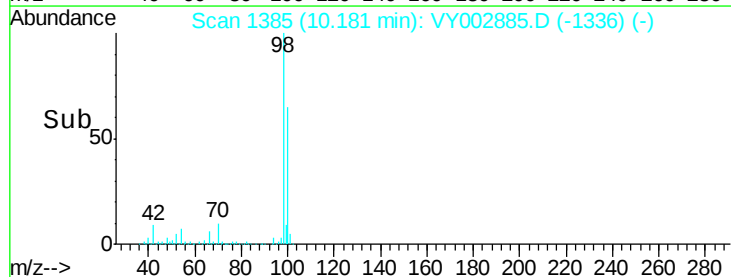
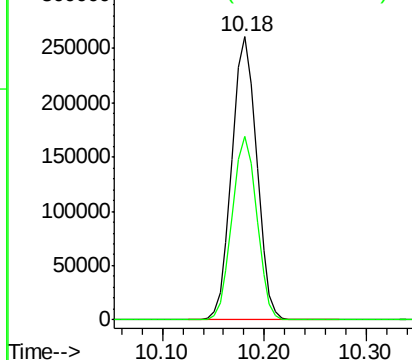


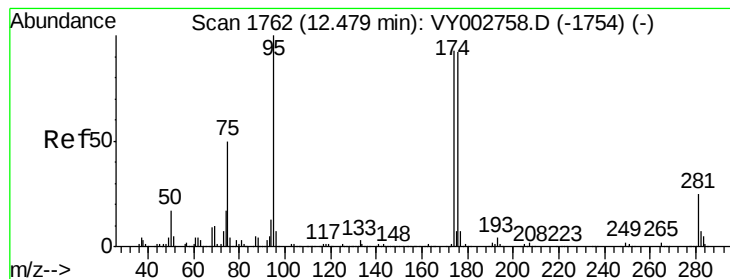
#50
Toluene-d8
Concen: 50.05 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002885.D
Acq: 11 Jun 2020 12:35

Tgt Ion: 98 Resp: 438254
Ion Ratio Lower Upper
98 100
100 64.6 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: 49.12 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002885.D

Acq: 11 Jun 2020 12:35

Instrument :

MSVOA_Y

ClientSampleId :

STOCK-PILE-2

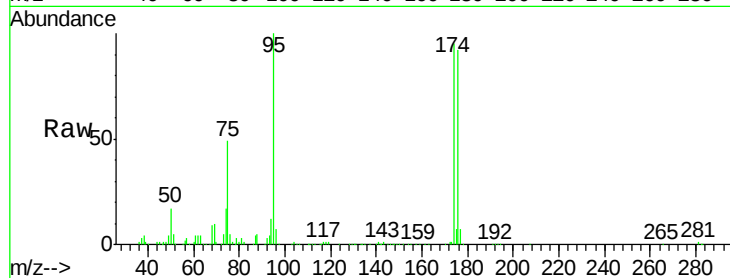
Tgt Ion: 95 Resp: 146965

Ion Ratio Lower Upper

95 100

174 96.6 0.0 191.2

176 94.7 0.0 188.8

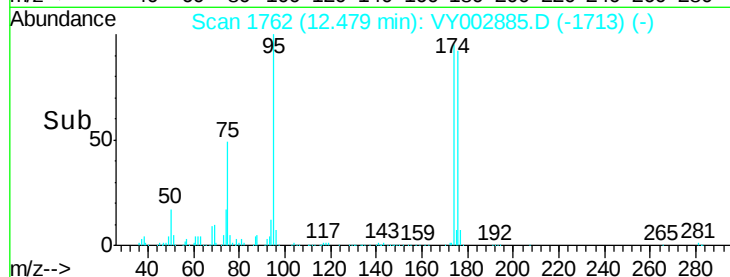


Abundance Ion 94.90 (94.60 to 95.60): VY002885.D (-1713) (-)

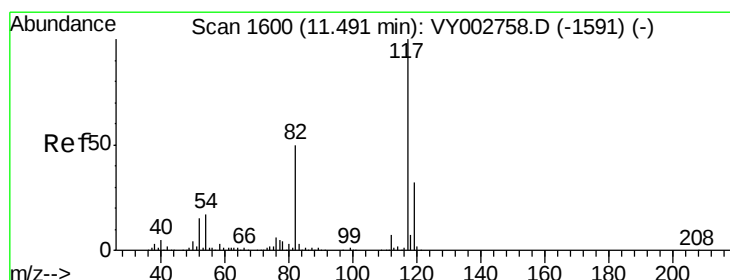
Ion 173.80 (173.50 to 174.50): VY002885.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY002885.D (-1713) (-)

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY002885.D

Acq: 11 Jun 2020 12:35

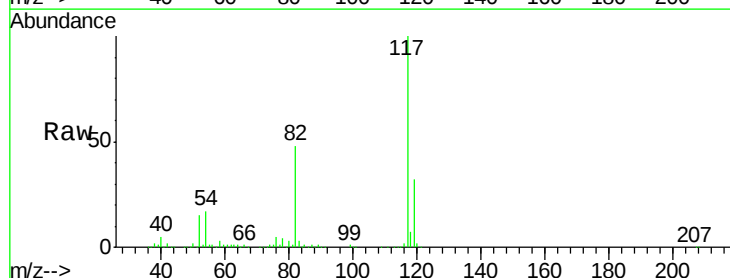
Tgt Ion: 117 Resp: 349810

Ion Ratio Lower Upper

117 100

82 48.2 40.2 60.4

119 32.1 25.8 38.8

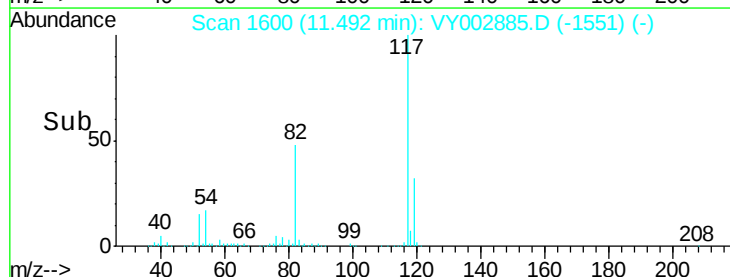


Abundance Ion 116.90 (116.60 to 117.60): VY002885.D (-1551) (-)

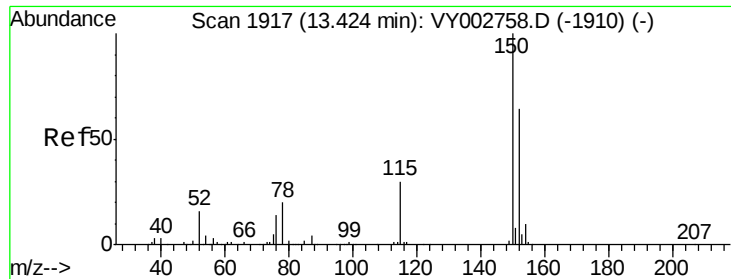
Ion 82.00 (81.70 to 82.70): VY002885.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY002885.D (-1551) (-)

Time-->



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002885.D

Acq: 11 Jun 2020 12:35

Instrument :

MSVOA_Y

ClientSampleId :

STOCK-PILE-2

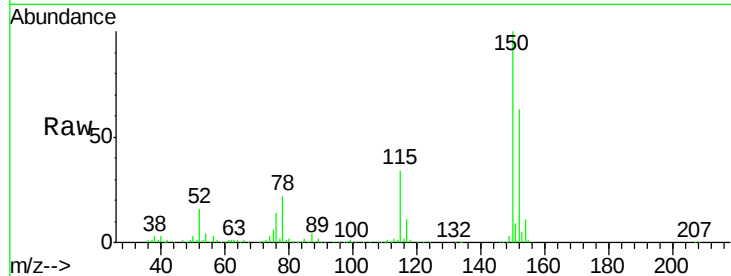
Tgt Ion:152 Resp: 177802

Ion Ratio Lower Upper

152 100

115 54.4 27.0 81.0

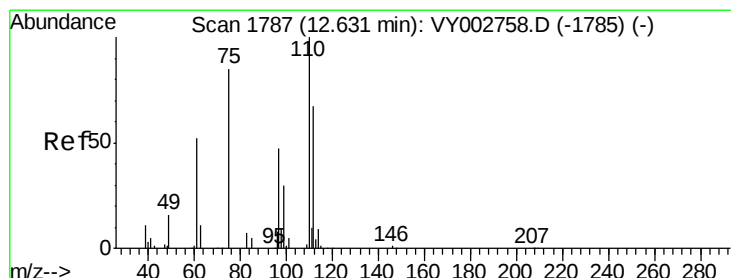
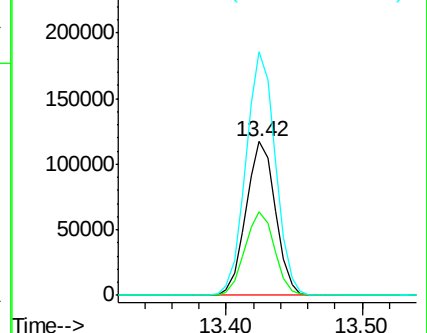
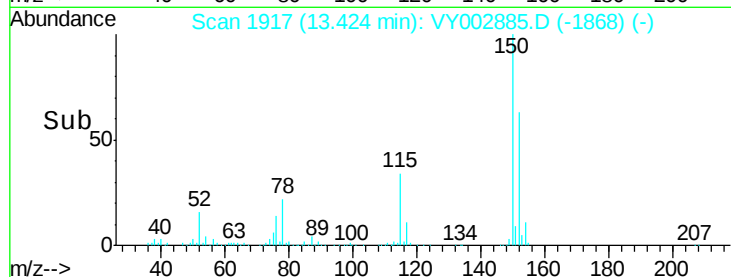
150 158.4 0.0 344.8



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: 44.66 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002885.D

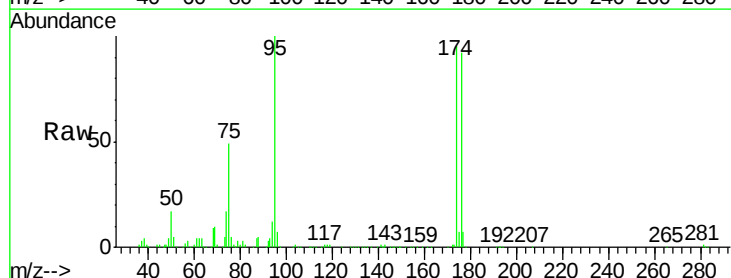
Acq: 11 Jun 2020 12:35

Tgt Ion: 75 Resp: 71545

Ion Ratio Lower Upper

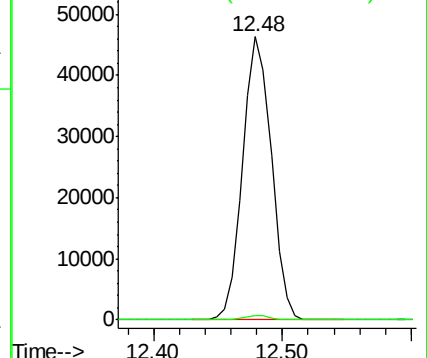
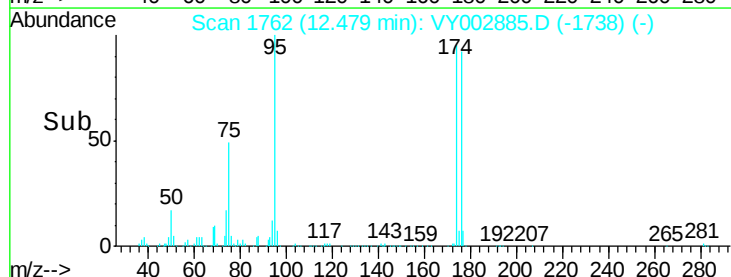
75 100

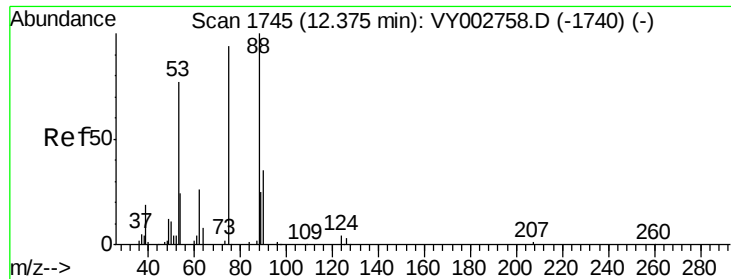
77 1.4 0.0 0.0#



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: 84.13 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002885.D

Acq: 11 Jun 2020 12:35

Instrument :

MSVOA_Y

ClientSampleId :

STOCK-PILE-2

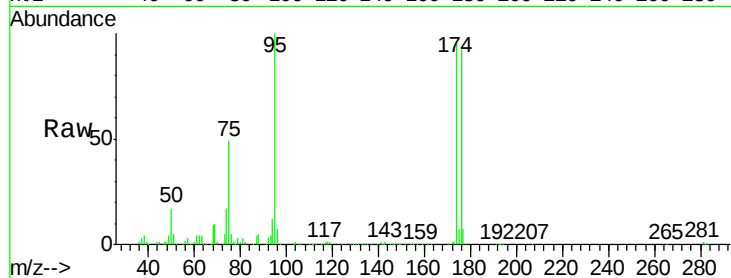
Tgt Ion: 75 Resp: 71545

Ion Ratio Lower Upper

75 100

53 0.0 64.0 96.0#

89 0.1 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

