

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060520\
 Data File : VY002850.D
 Acq On : 05 Jun 2020 15:50
 Operator : SY/MD
 Sample : L2890-03
 Misc : 6.98G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11979-72-11969

Quant Time: Jun 06 07:58:25 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

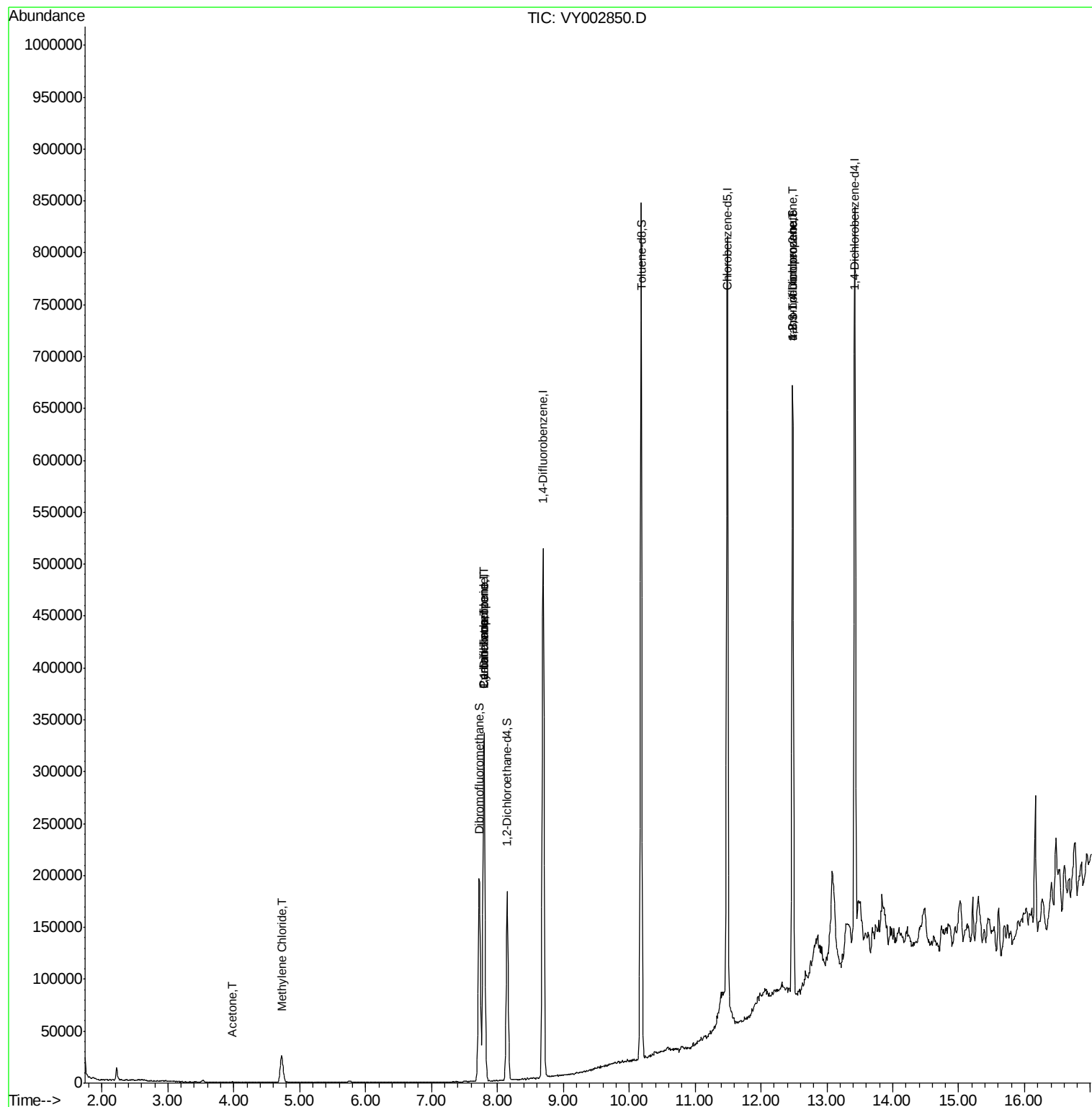
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	285887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	463209	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	432294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	189596	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	137564	55.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.84%	
35) Dibromofluoromethane	7.72	113	141154	52.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.00%	
50) Toluene-d8	10.18	98	552796	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
62) 4-Bromofluorobenzene	12.48	95	183543	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.97	59	199	Below Cal	#	74
16) Acetone	3.97	43	902	1.550	ug/l #	74
18) Methyl Acetate	4.49	43	297	Below Cal	#	61
20) Methylene Chloride	4.73	84	21576	7.585	ug/l	96
31) Cyclohexane	7.79	56	4412	1.048	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	17540	4.495	ug/l #	49
38) Carbon Tetrachloride	7.80	117	24964	5.759	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	86183	50.447	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	86183	95.042	ug/l #	17

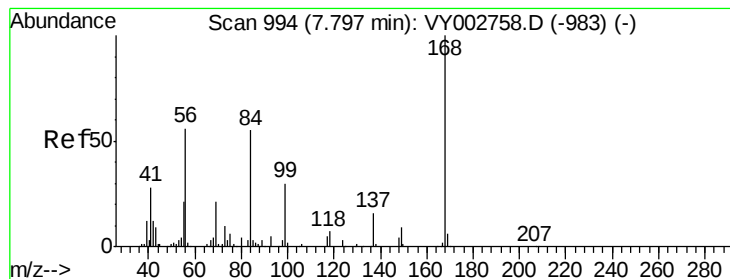
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY002850.D

Acq: 05 Jun 2020 15:50

Instrument :

MSVOA_Y

ClientSampleId :

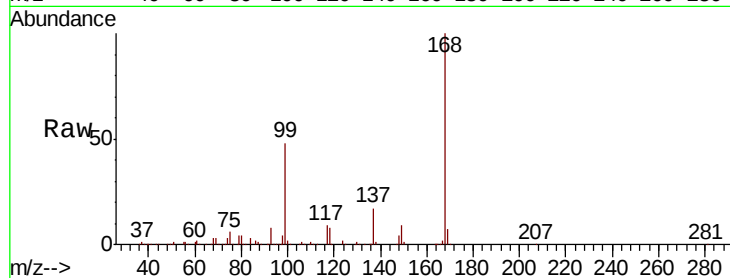
72-11979-72-11969

Tot Ion:168 Resp: 285887

Ion Ratio Lower Upper

168 100

99 47.5 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002850.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002850.D (-945) (-)

7.80

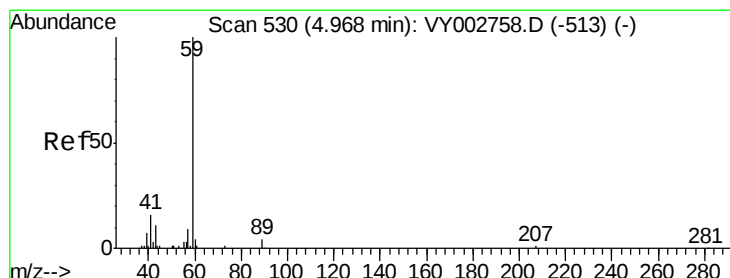
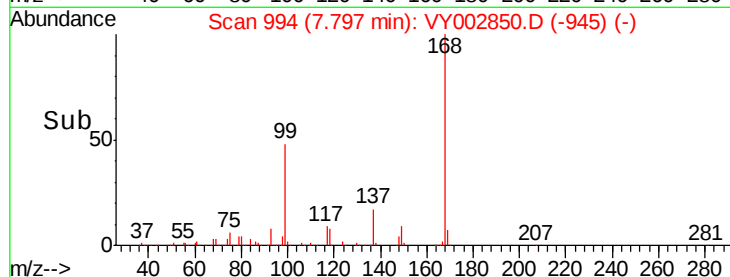
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.97 min Scan# 530

Delta R.T. -0.00 min

Lab File: VY002850.D

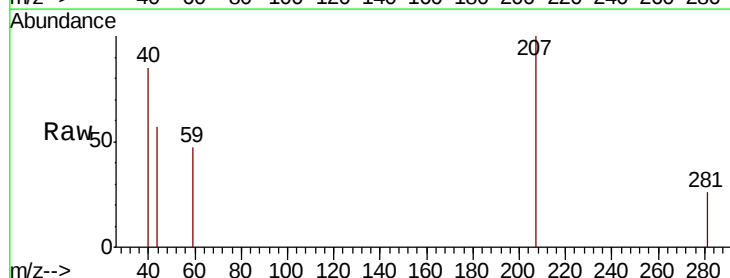
Acq: 05 Jun 2020 15:50

Tgt Ion: 59 Resp: 199

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VY002850.D (-481) (-)

Ion 57.00 (56.70 to 57.70): VY002850.D (-481) (-)

4.97

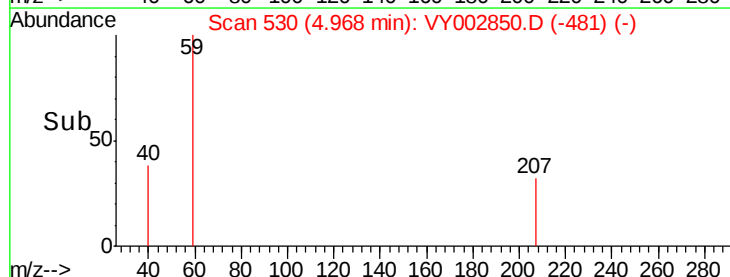
150

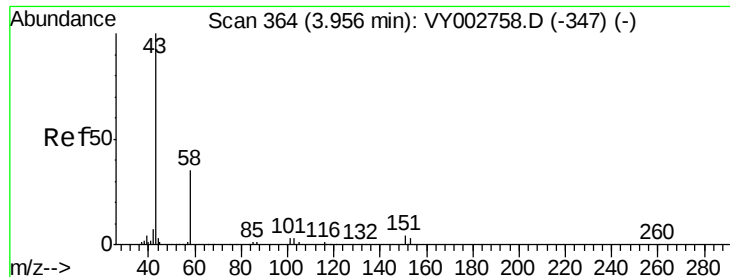
100

50

0

Time-->





#16

Acetone

Concen: 1.550 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002850.D

Acq: 05 Jun 2020 15:50

Instrument :

MSVOA_Y

ClientSampleId :

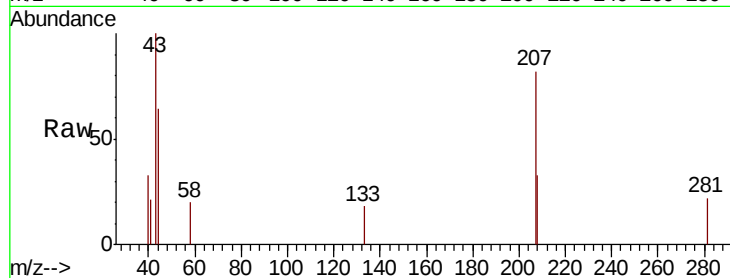
72-11979-72-11969

Tot Ion: 43 Resp: 902

Ion Ratio Lower Upper

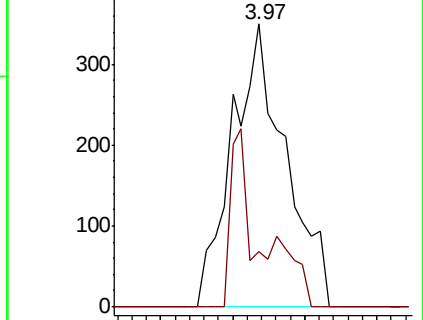
43 100

58 19.7 27.7 41.5#

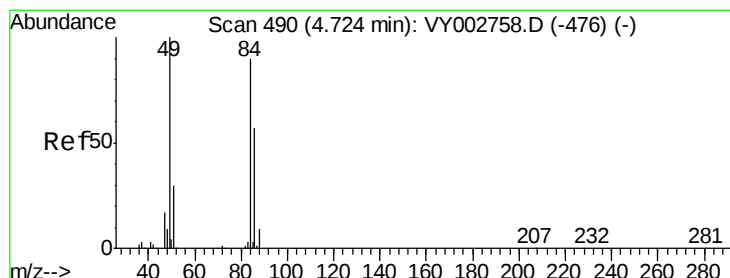
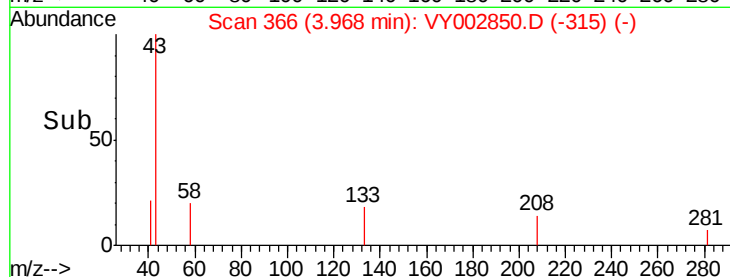


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



Time-->



#20

Methylene Chloride

Concen: 7.585 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY002850.D

Acq: 05 Jun 2020 15:50

Tgt Ion: 84 Resp: 21576

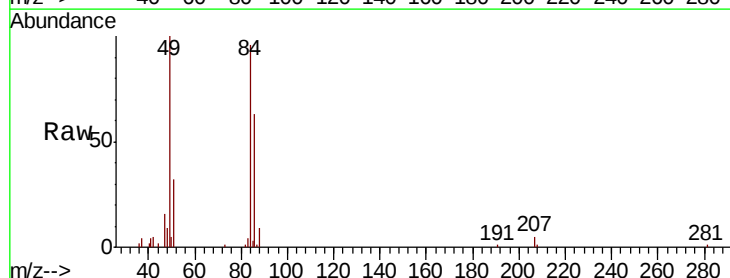
Ion Ratio Lower Upper

84 100

49 104.4 88.5 132.7

51 33.9 26.8 40.2

86 66.3 50.6 75.8

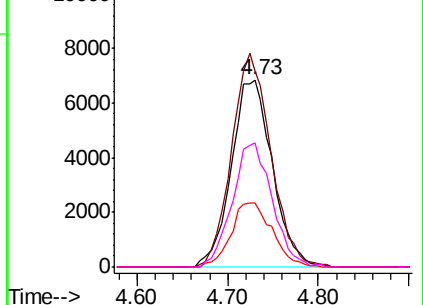


Abundance Ion 83.90 (83.60 to 84.60): VY0

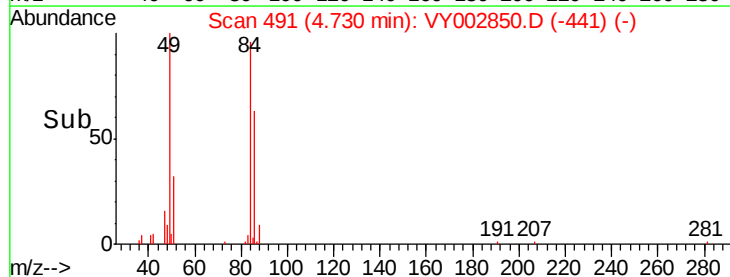
Ion 48.90 (48.60 to 49.60): VY0

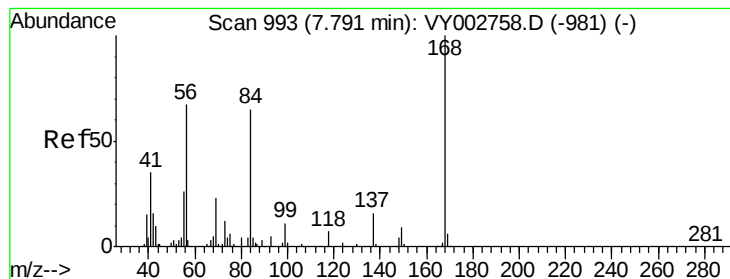
Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0



Time-->





#31

Cyclohexane

Concen: 1.048 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY002850.D

Acq: 05 Jun 2020 15:50

Instrument :

MSVOA_Y

ClientSampleId :

72-11979-72-11969

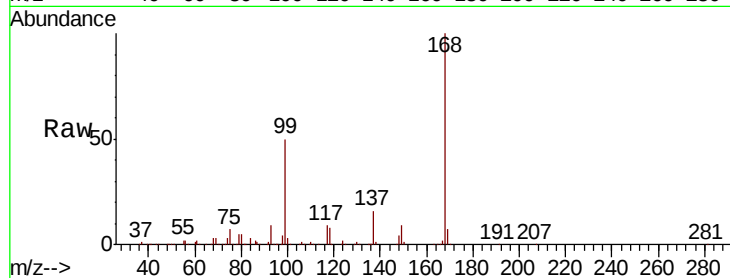
Tot Ion: 56 Resp: 4412

Ion Ratio Lower Upper

56 100

69 186.3 28.0 42.0#

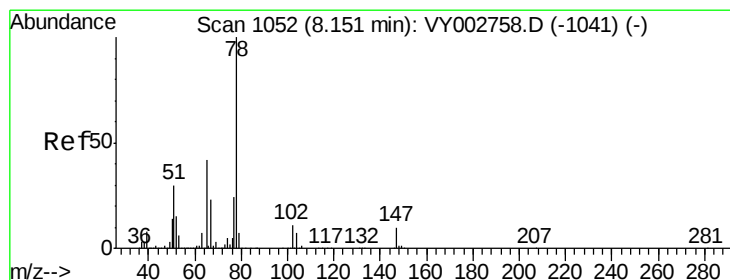
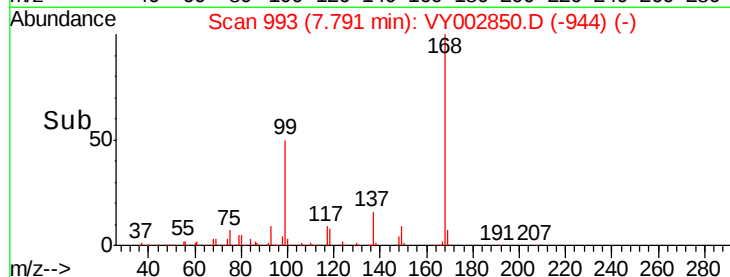
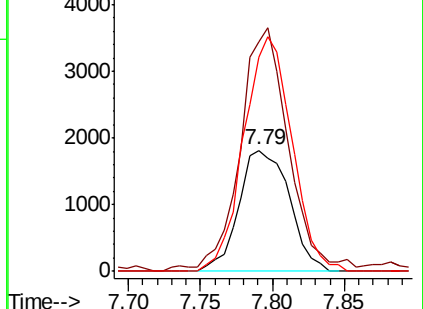
84 176.4 77.7 116.5#



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: 55.418 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY002850.D

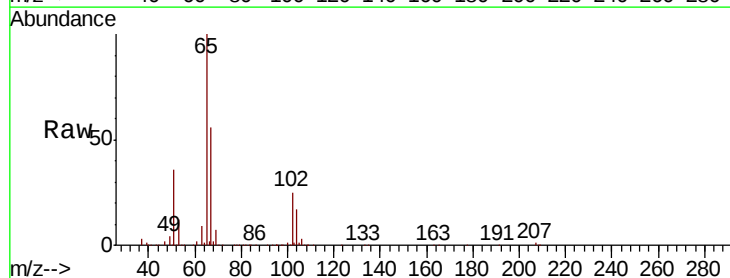
Acq: 05 Jun 2020 15:50

Tgt Ion: 65 Resp: 137564

Ion Ratio Lower Upper

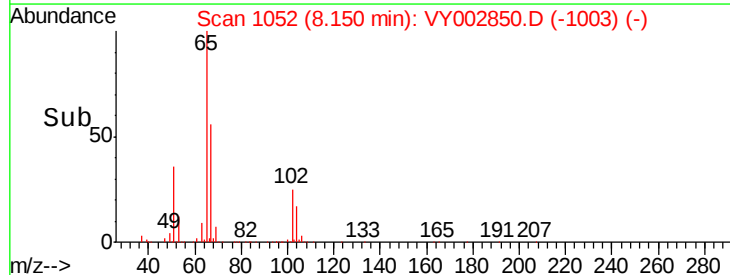
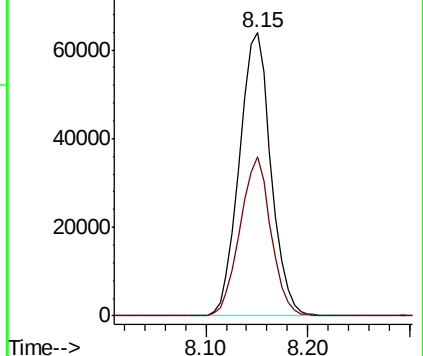
65 100

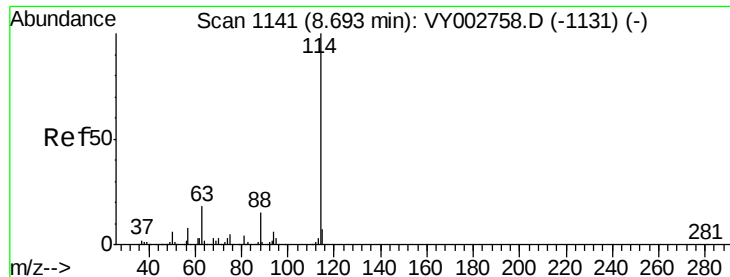
67 55.3 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

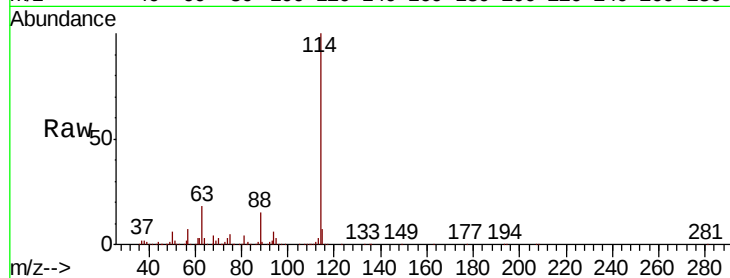




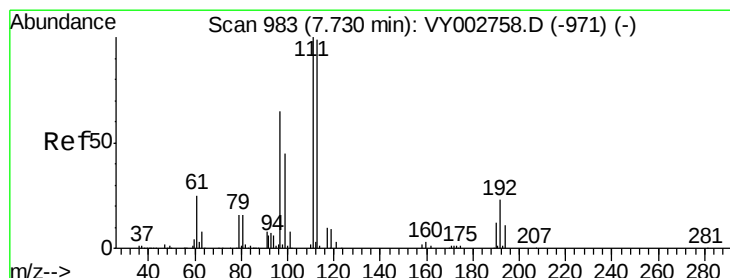
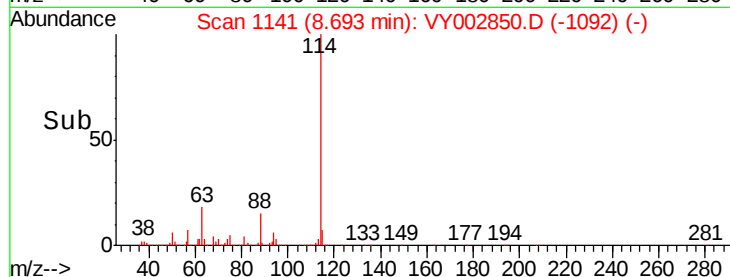
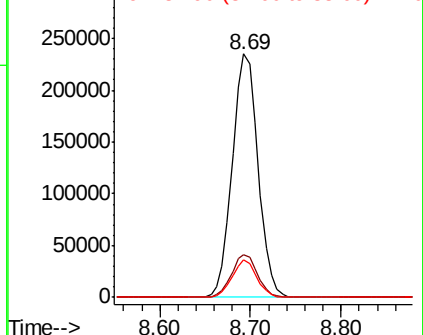
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VY002850.D
Acq: 05 Jun 2020 15:50

Instrument :
MSVOA_Y
ClientSampleId :
72-11979-72-11969

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	35.2
88	15.3	0.0	29.2

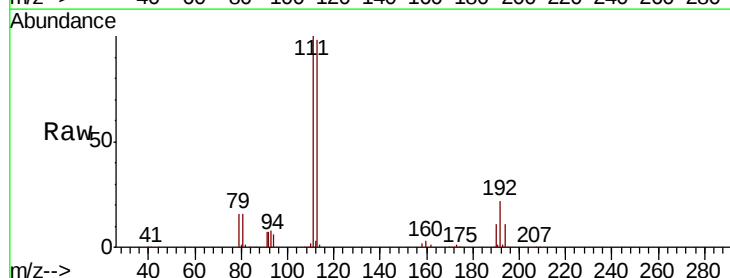


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

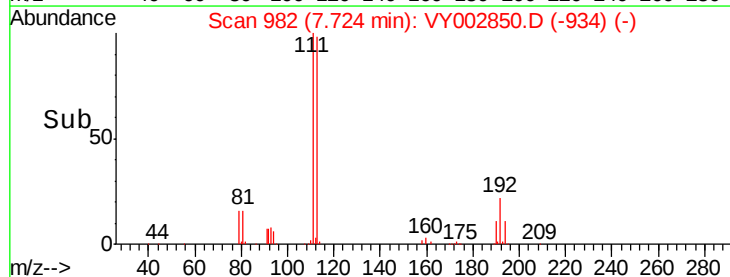
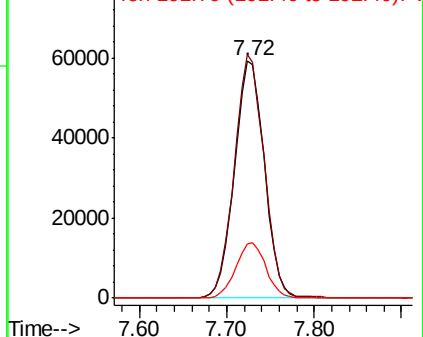


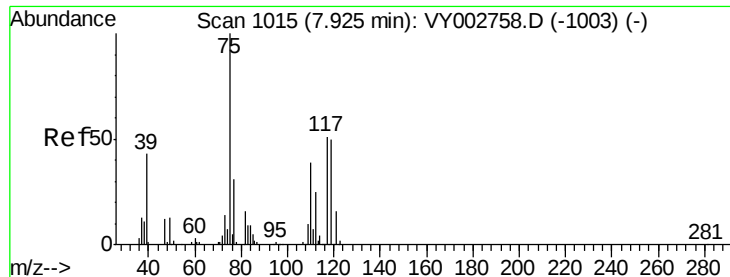
#35
Dibromofluoromethane
Concen: 51.997 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY002850.D
Acq: 05 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	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

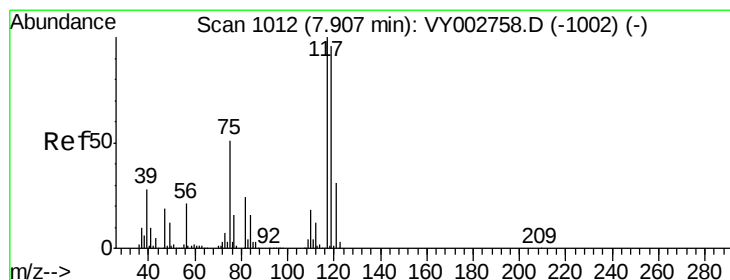
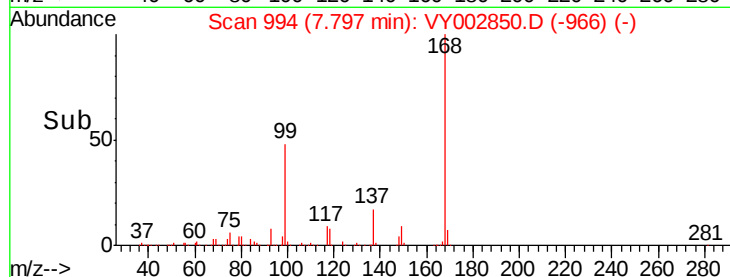
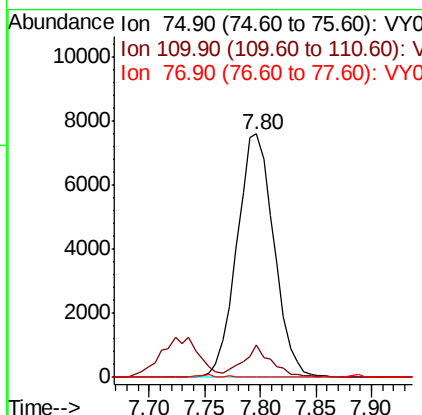
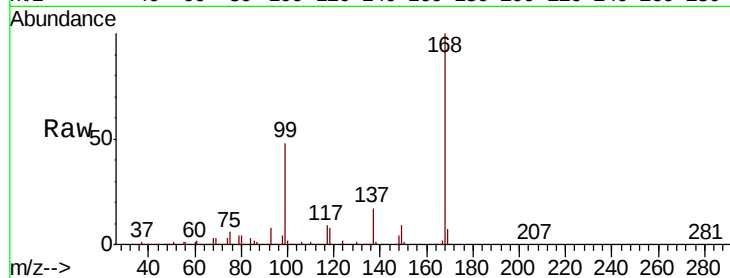




#36
 1,1-Dichloropropene
 Concen: 4.495 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY002850.D
 Acq: 05 Jun 2020 15:50

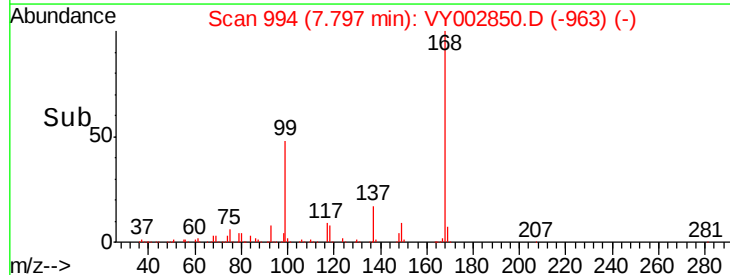
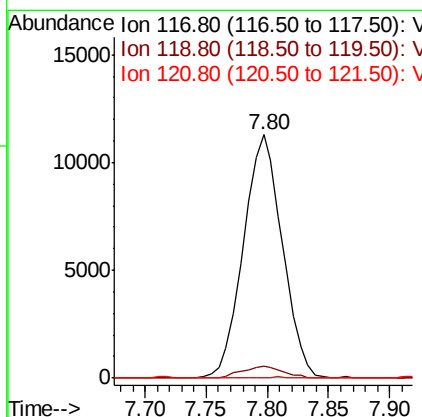
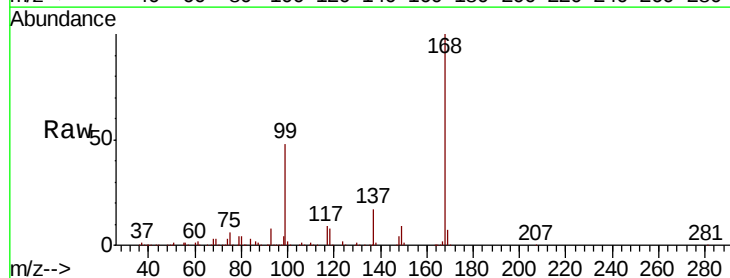
Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11979-72-11969

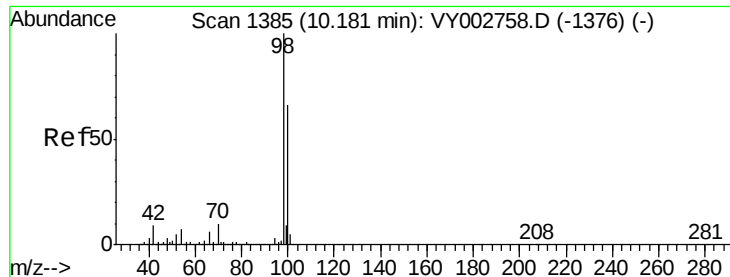
Tot Ion	75	Resp	17540
Ion Ratio	Lower	Upper	
75	100		
110	10.3	19.3	57.9#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 5.759 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY002850.D
 Acq: 05 Jun 2020 15:50

Tgt Ion	117	Resp	24964
Ion Ratio	Lower	Upper	
117	100		
119	4.7	76.8	115.2#
121	0.0	24.8	37.2#





#50

Toluene-d8

Concen: 50.364 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY002850.D

Acq: 05 Jun 2020 15:50

Instrument :

MSVOA_Y

ClientSampleId :

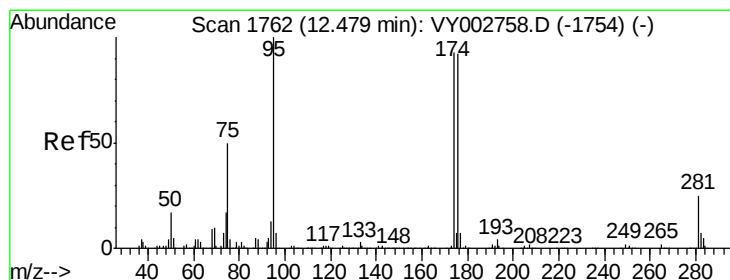
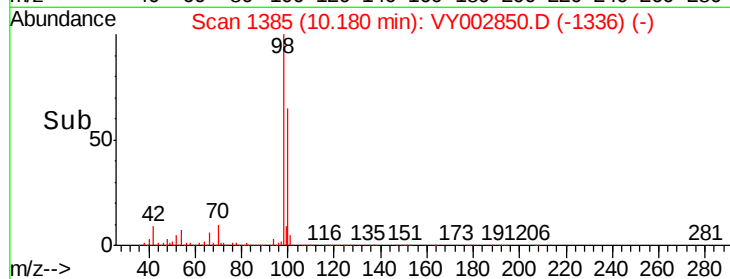
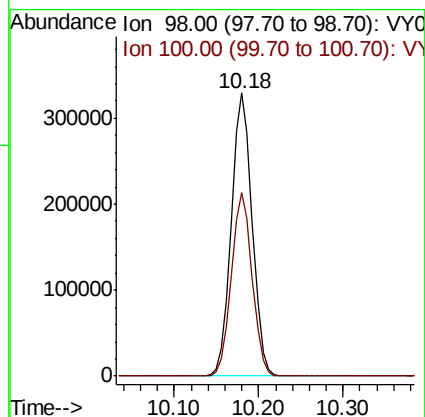
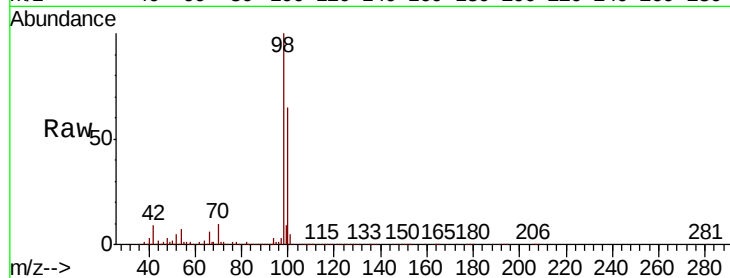
72-11979-72-11969

Tot Ion: 98 Resp: 552796

Ion Ratio Lower Upper

98 100

100 64.4 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 48.931 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY002850.D

Acq: 05 Jun 2020 15:50

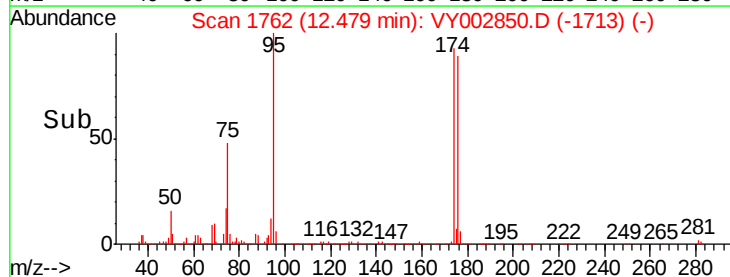
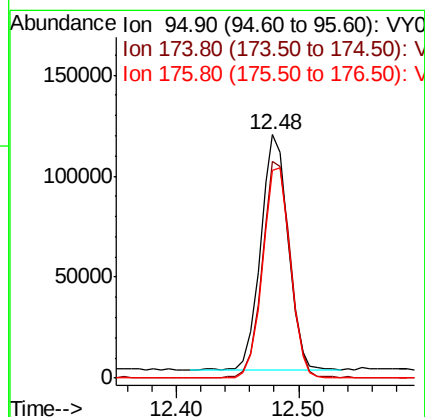
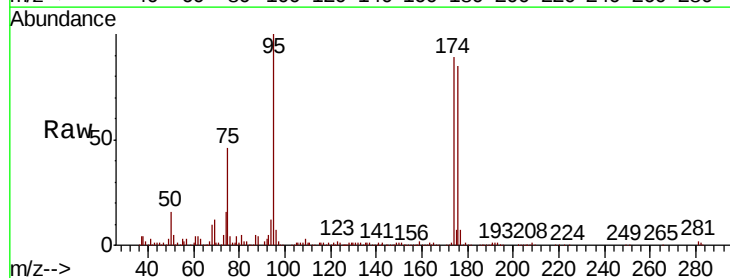
Tgt Ion: 95 Resp: 183543

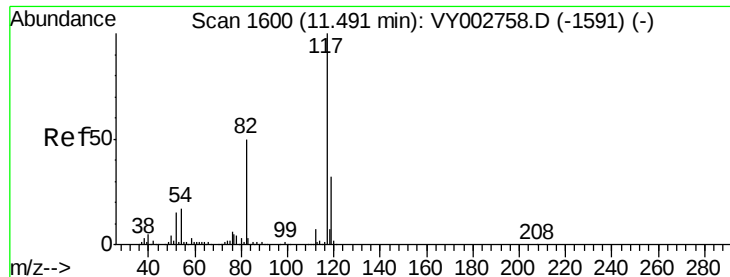
Ion Ratio Lower Upper

95 100

174 93.5 0.0 191.2

176 90.0 0.0 188.8

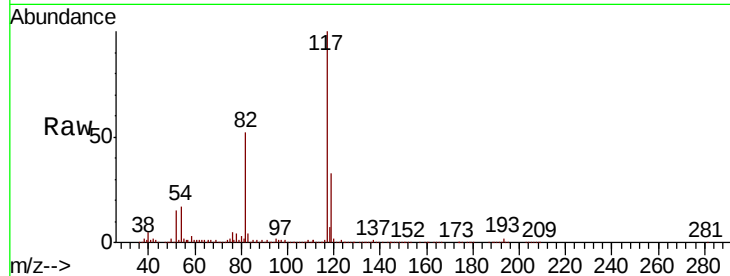




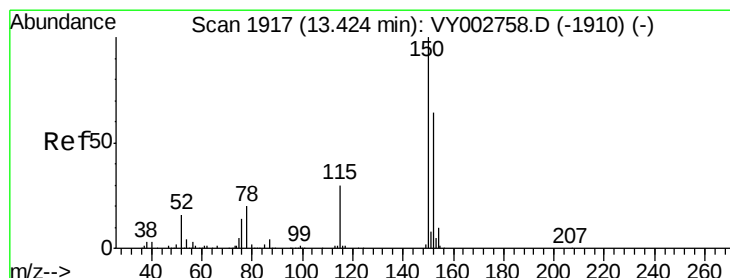
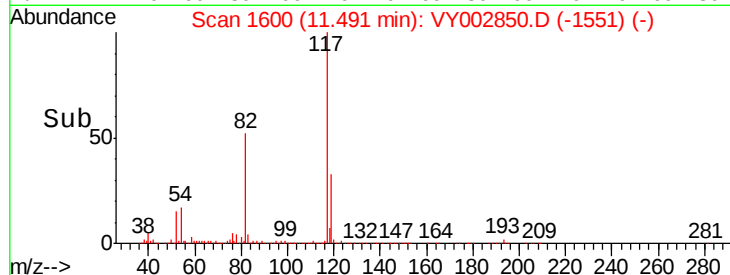
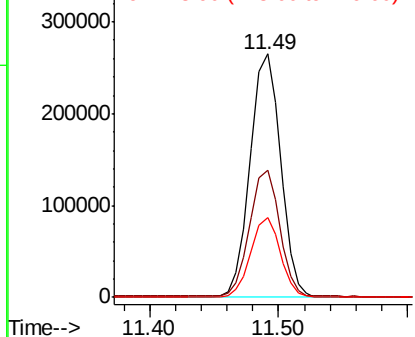
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002850.D
Acq: 05 Jun 2020 15:50

Instrument :
MSVOA_Y
ClientSampleId :
72-11979-72-11969

Tot Ion:117 Resp: 432294
Ion Ratio Lower Upper
117 100
82 51.6 40.2 60.4
119 32.4 25.8 38.8

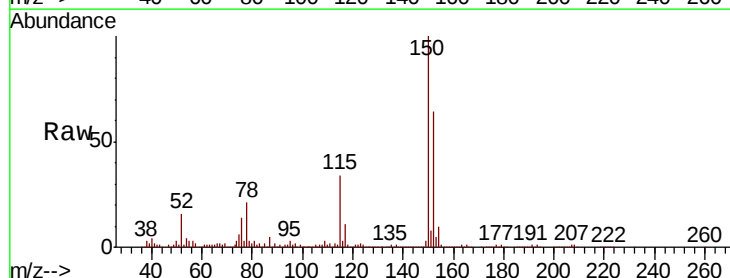


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

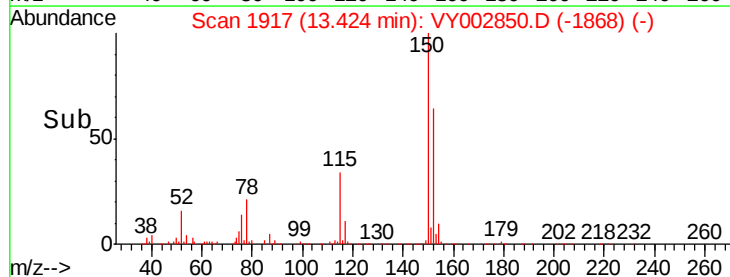
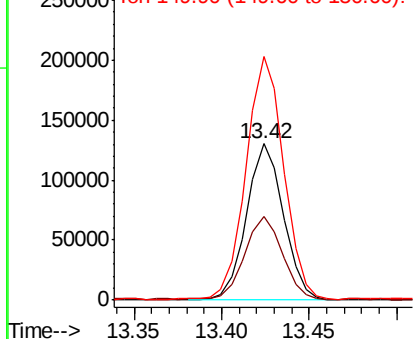


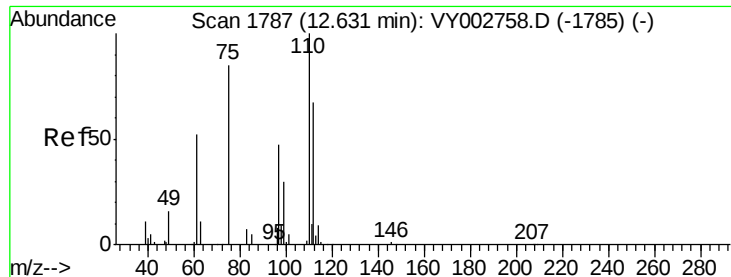
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY002850.D
Acq: 05 Jun 2020 15:50

Tgt Ion:152 Resp: 189596
Ion Ratio Lower Upper
152 100
115 54.0 27.0 81.0
150 158.5 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: 50.447 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002850.D

Acq: 05 Jun 2020 15:50

Instrument :

MSVOA_Y

ClientSampleId :

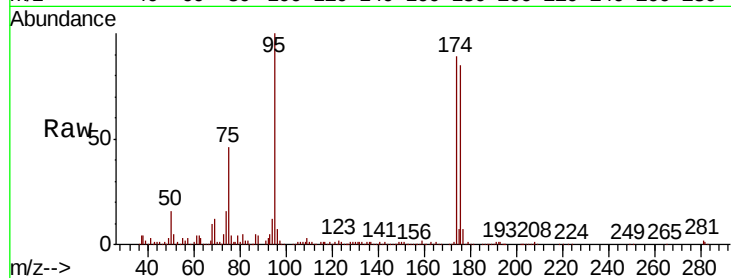
72-11979-72-11969

Tot Ion: 75 Resp: 86183

Ion Ratio Lower Upper

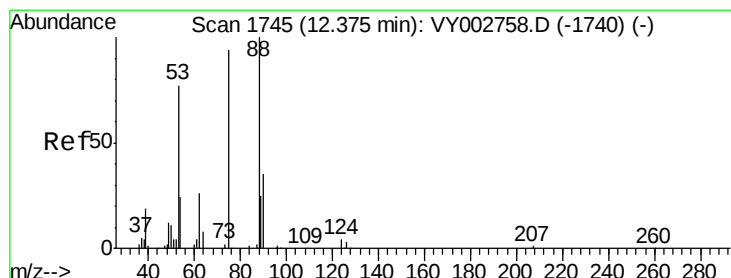
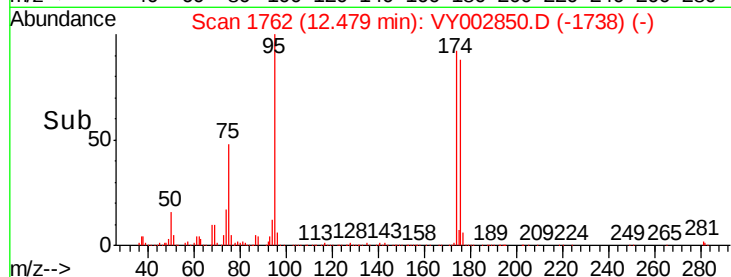
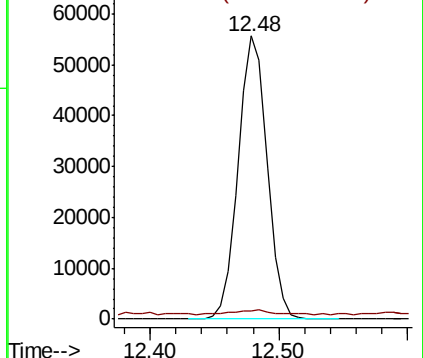
75 100

77 2.2 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: 95.042 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002850.D

Acq: 05 Jun 2020 15:50

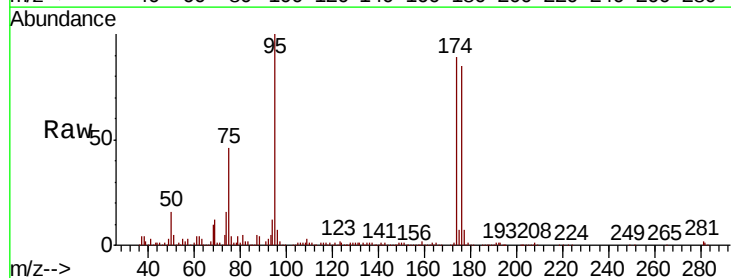
Tgt Ion: 75 Resp: 86183

Ion Ratio Lower Upper

75 100

53 0.0 64.0 96.0#

89 0.2 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

