

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY061920\
 Data File : VY002945.D
 Acq On : 19 Jun 2020 18:12
 Operator : SY/MD
 Sample : L3052-01
 Misc : 6.85G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 IWS

Quant Time: Jun 20 03:58:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 15:04:26 2020
 Response via : Initial Calibration

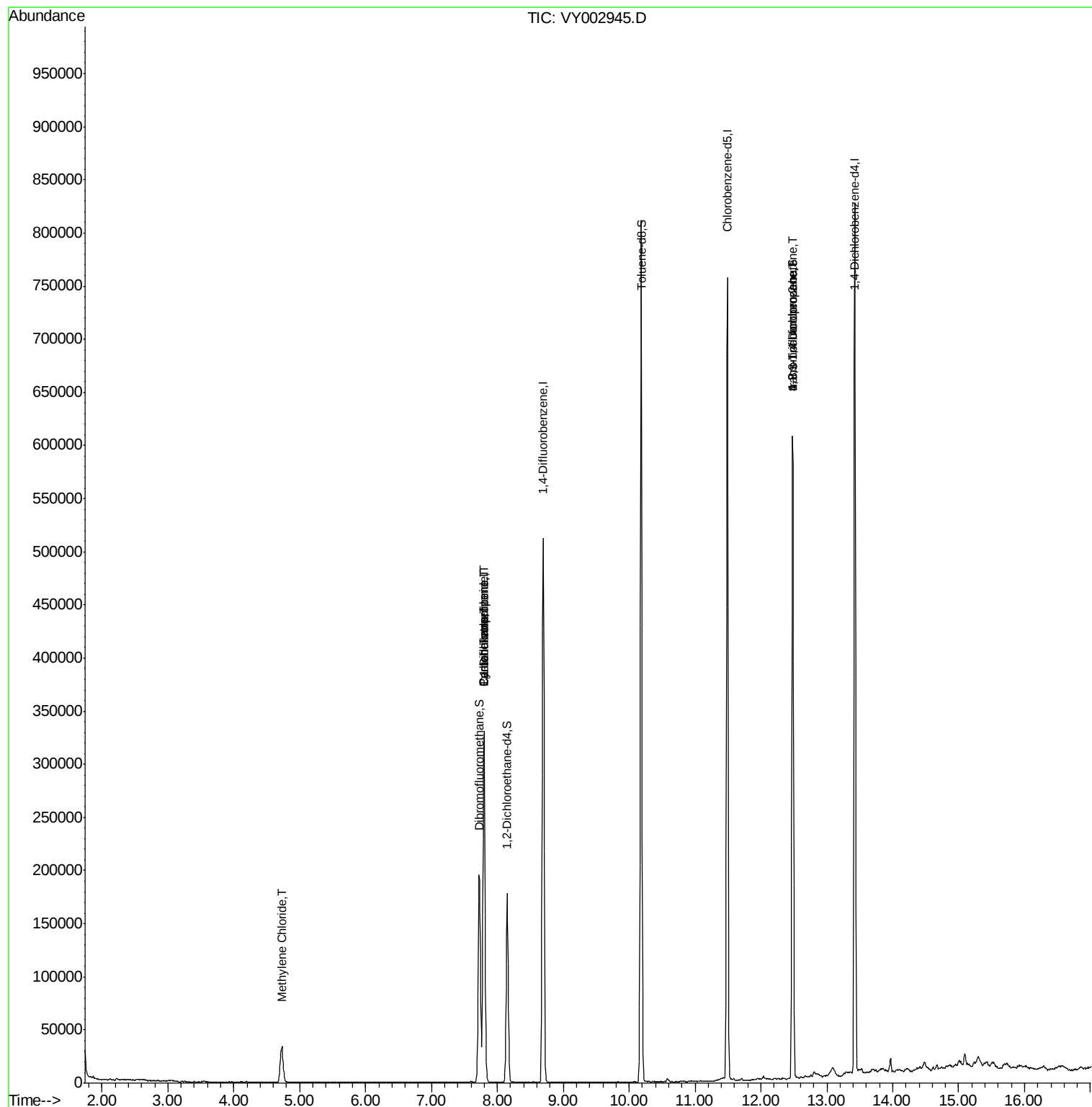
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	279696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	463552	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	437050	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	219907	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	135386	58.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.20%	
35) Dibromofluoromethane	7.72	113	141536	53.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.92%	
50) Toluene-d8	10.18	98	543077	52.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.02%	
62) 4-Bromofluorobenzene	12.48	95	189690	52.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.76%	
Target Compounds						
18) Methyl Acetate	4.50	43	638	Below Cal	#	63
20) Methylene Chloride	4.73	84	27820	3.924	ug/l	97
31) Cyclohexane	7.80	56	4200	1.059	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	16796	4.461	ug/l #	49
38) Carbon Tetrachloride	7.80	117	25115	6.053	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	89154	46.552	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	89154	88.876	ug/l #	16

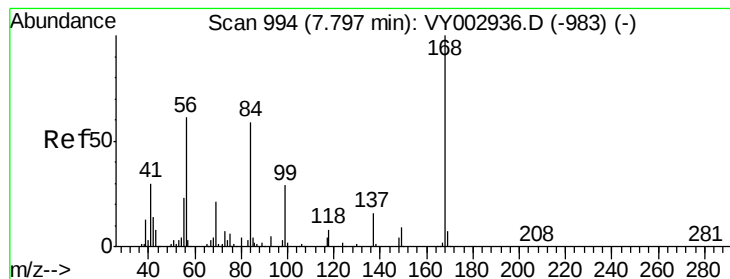
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY002945.D

Acq: 19 Jun 2020 18:12

Instrument :

MSVOA_Y

ClientSampleId :

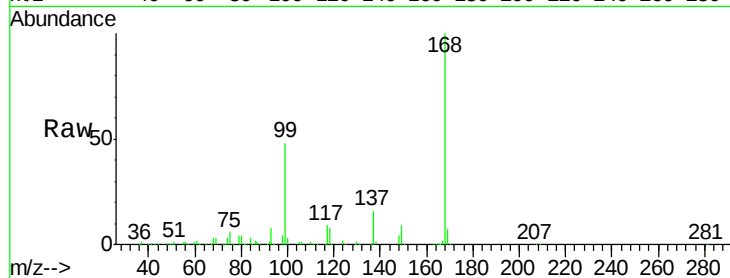
IWS

Tgt Ion:168 Resp: 279696

Ion Ratio Lower Upper

168 100

99 47.9 39.5 59.3



Abundance Ion 167.90 (167.60 to 168.60): VY002936.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002936.D (-983) (-)

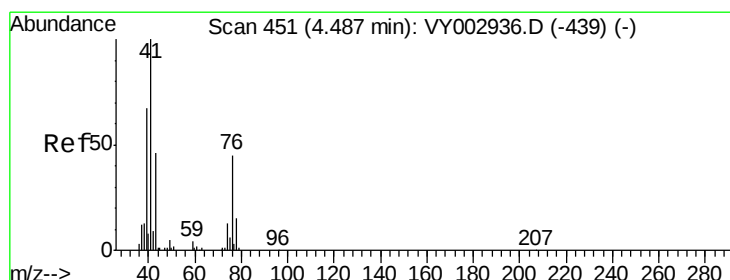
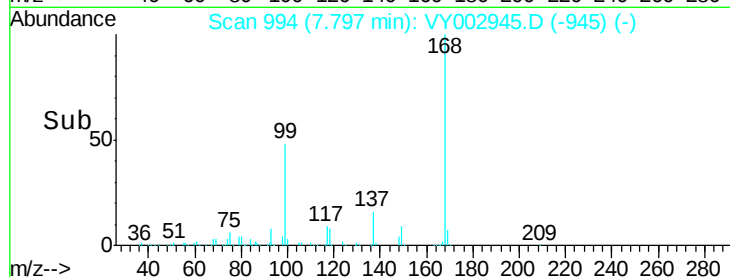
7.80

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: Below Cal

RT: 4.50 min Scan# 454

Delta R.T. 0.02 min

Lab File: VY002945.D

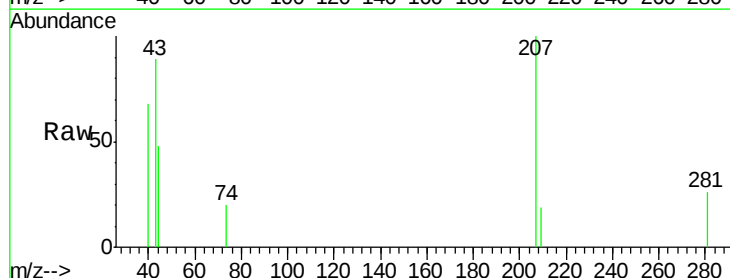
Acq: 19 Jun 2020 18:12

Tgt Ion: 43 Resp: 638

Ion Ratio Lower Upper

43 100

74 7.5 21.1 31.7#



Abundance Ion 43.00 (42.70 to 43.70): VY002936.D (-439) (-)

Ion 74.00 (73.70 to 74.70): VY002936.D (-439) (-)

4.50

300

250

200

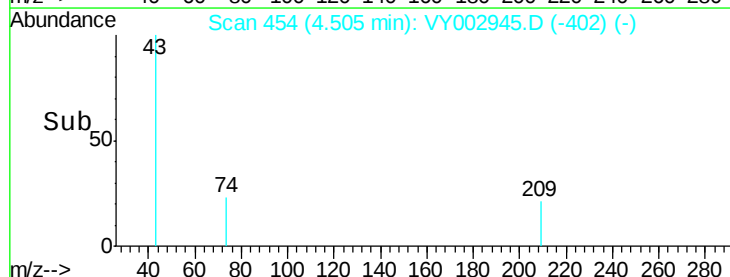
150

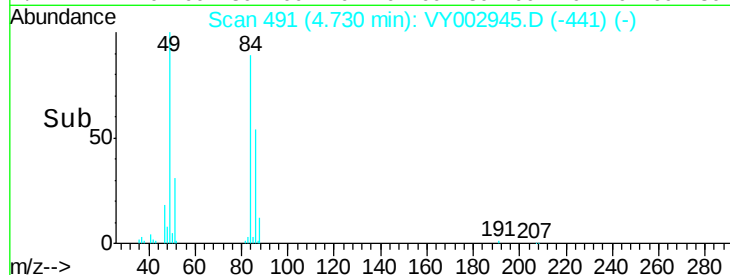
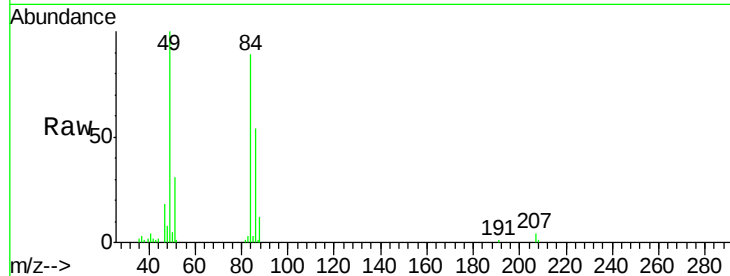
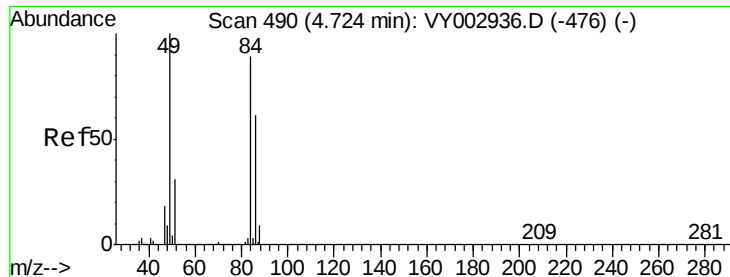
100

50

0

Time-->

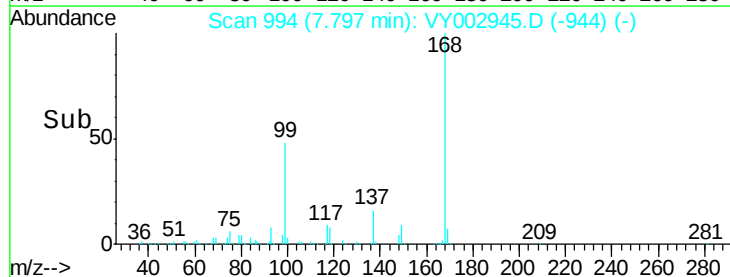
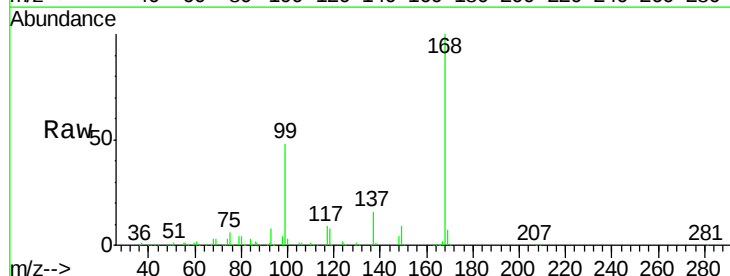
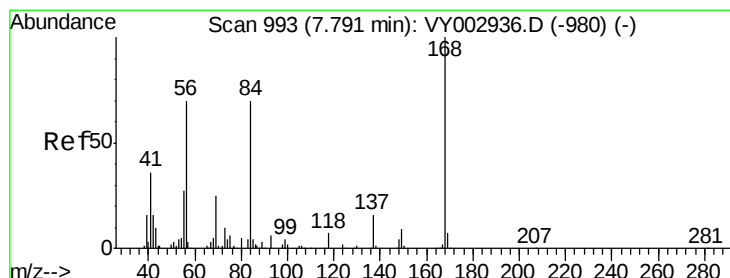
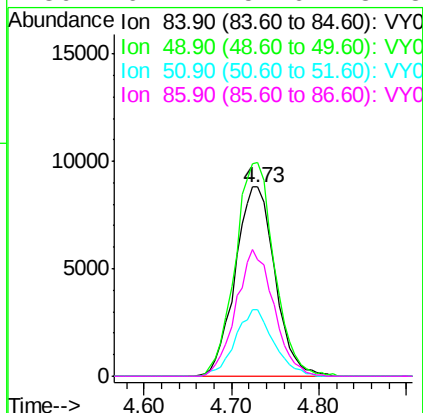




#20
Methylene Chloride
Concen: 3.924 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY002945.D
Acq: 19 Jun 2020 18:12

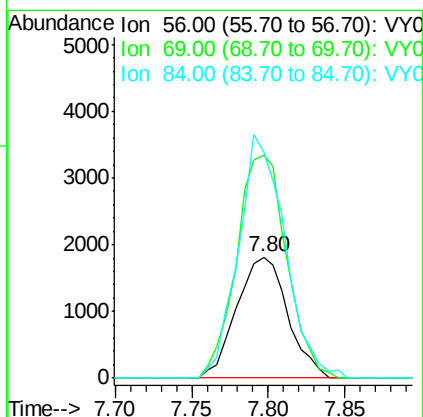
Instrument :
MSVOA_Y
ClientSampleId :
IWS

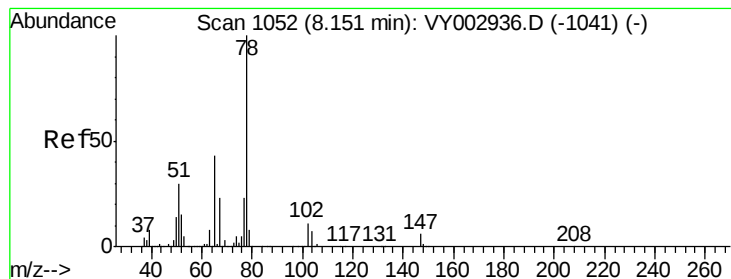
Tgt Ion:	84	Resp:	27820
Ion	Ratio	Lower	Upper
84	100		
49	112.8	90.0	135.0
51	35.4	27.9	41.9
86	61.4	54.6	81.8



#31
Cyclohexane
Concen: 1.059 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY002945.D
Acq: 19 Jun 2020 18:12

Tgt Ion:	56	Resp:	4200
Ion	Ratio	Lower	Upper
56	100		
69	184.5	28.9	43.3#
84	186.4	80.1	120.1#





#33

1,2-Dichloroethane-d4

Concen: 58.602 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY002945.D

Acq: 19 Jun 2020 18:12

Instrument :

MSVOA_Y

ClientSampleId :

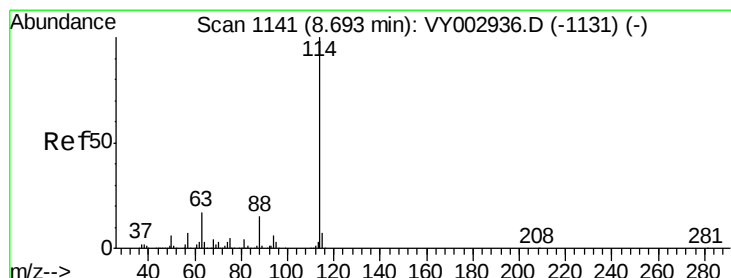
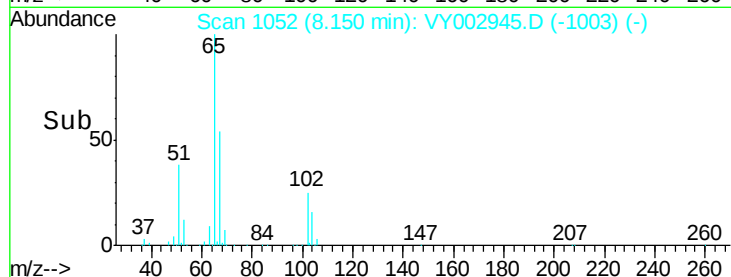
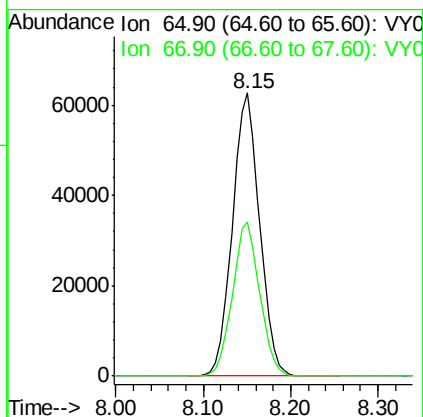
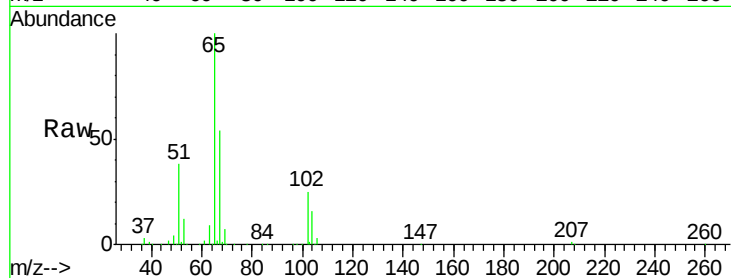
IWS

Tgt Ion: 65 Resp: 135386

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY002945.D

Acq: 19 Jun 2020 18:12

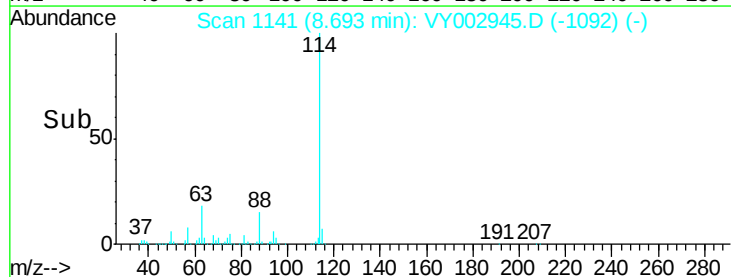
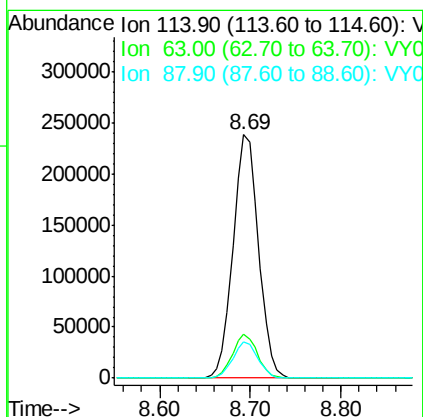
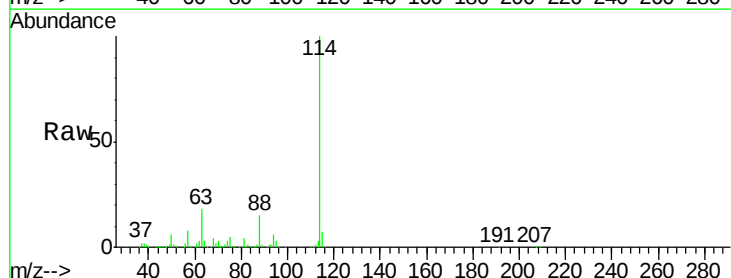
Tgt Ion: 114 Resp: 463552

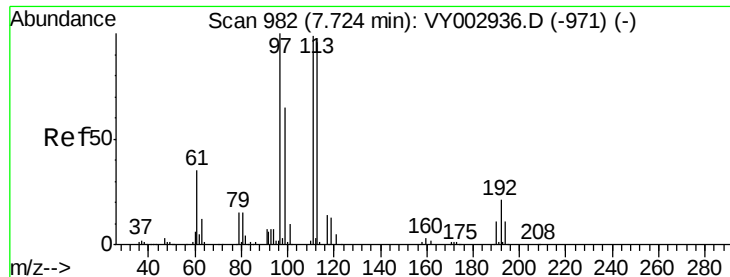
Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.6

88 14.8 0.0 29.2

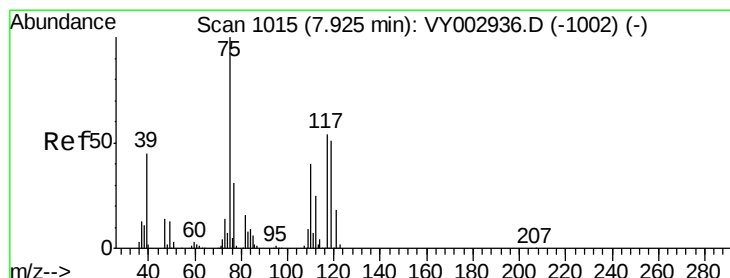
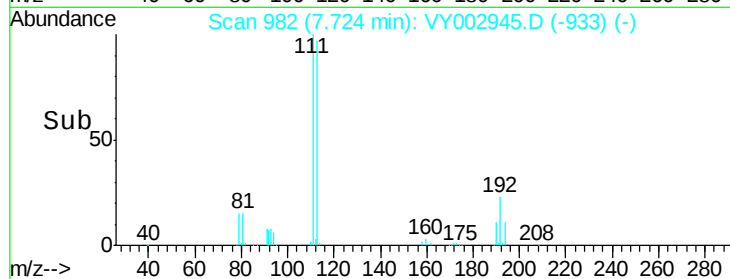
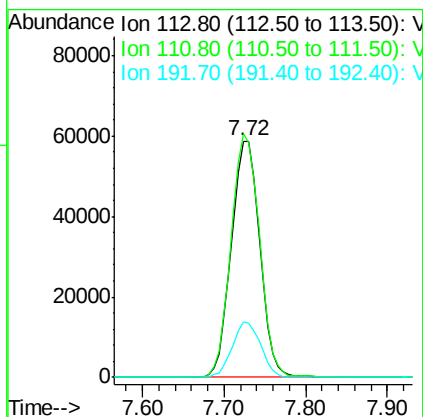
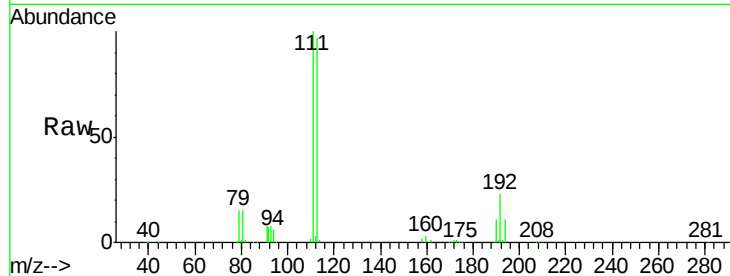




#35
 Dibromofluoromethane
 Concen: 53.962 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY002945.D
 Acq: 19 Jun 2020 18:12

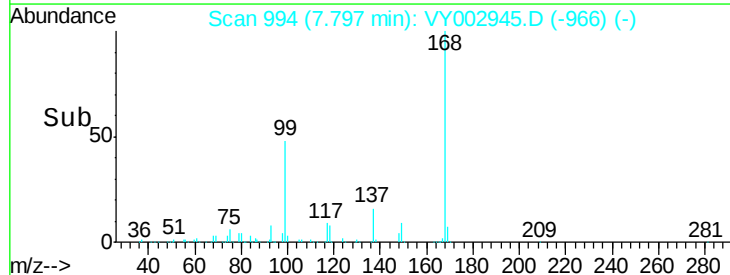
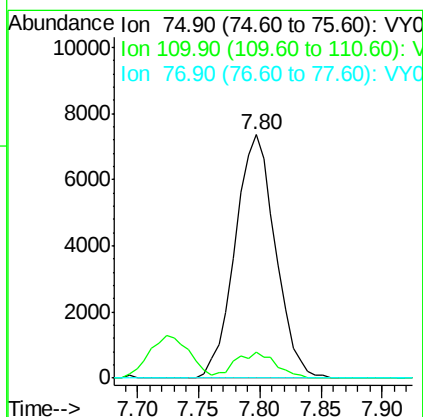
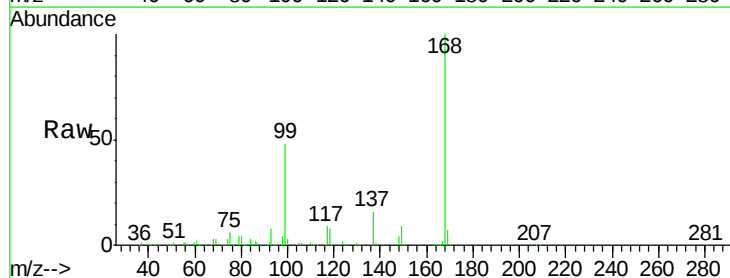
Instrument :
 MSVOA_Y
 ClientSampleId :
 IWS

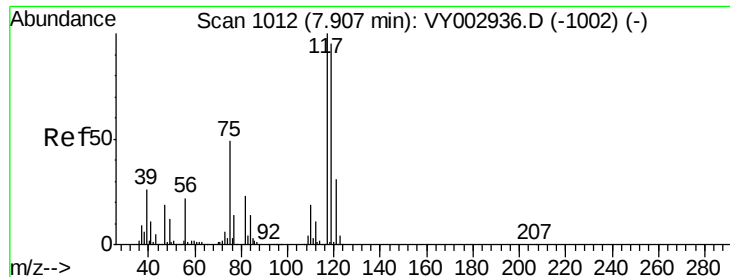
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.5	122.3
192	23.3	19.2	28.8



#36
 1,1-Dichloropropene
 Concen: 4.461 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY002945.D
 Acq: 19 Jun 2020 18:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.7	19.7	59.0#
77	0.0	25.0	37.4#





#38

Carbon Tetrachloride

Concen: 6.053 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY002945.D

Acq: 19 Jun 2020 18:12

Instrument :

MSVOA_Y

ClientSampleId :

IWS

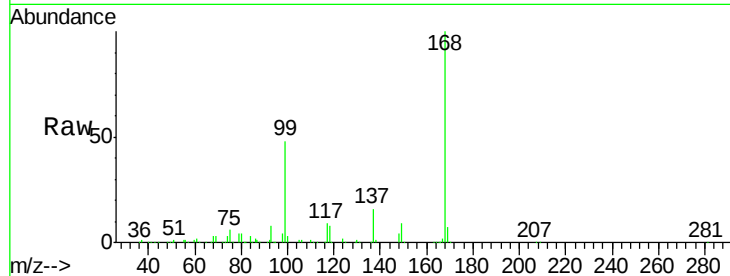
Tgt Ion:117 Resp: 25115

Ion Ratio Lower Upper

117 100

119 4.6 76.1 114.1#

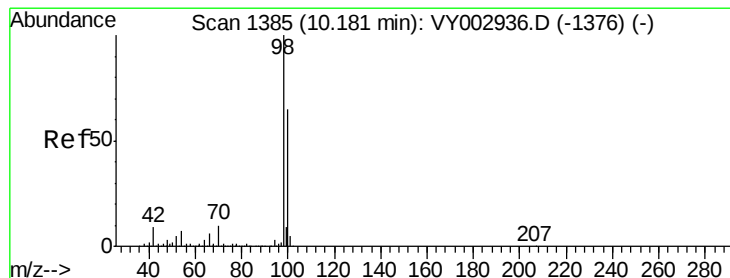
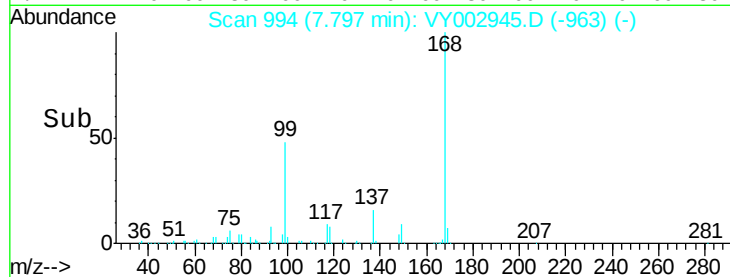
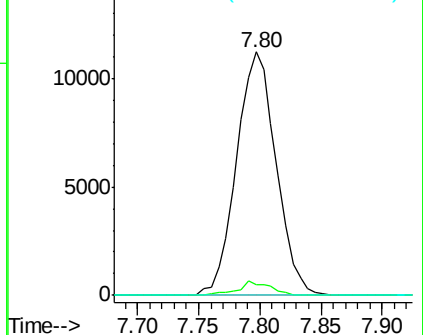
121 0.0 24.8 37.2#



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: 52.512 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY002945.D

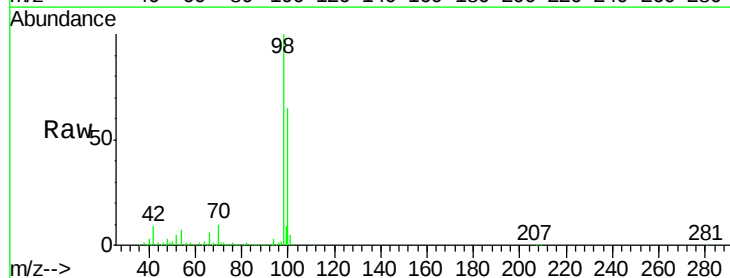
Acq: 19 Jun 2020 18:12

Tgt Ion: 98 Resp: 543077

Ion Ratio Lower Upper

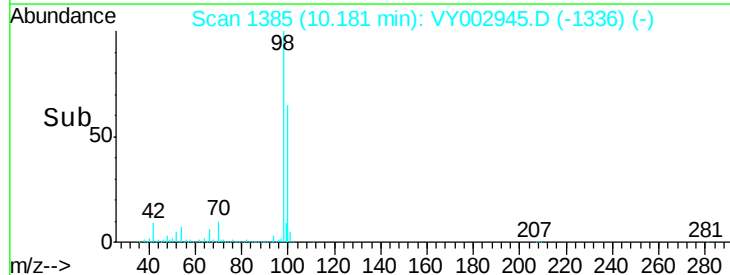
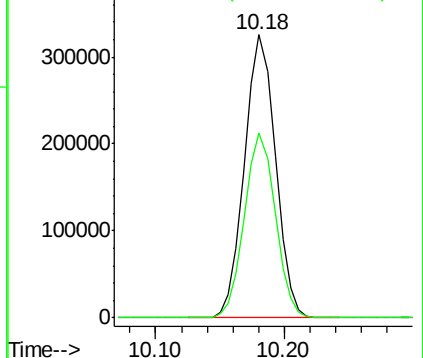
98 100

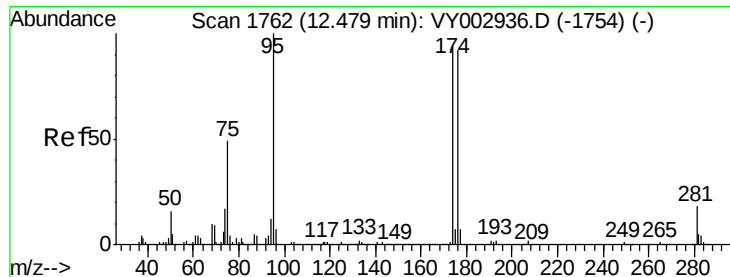
100 64.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

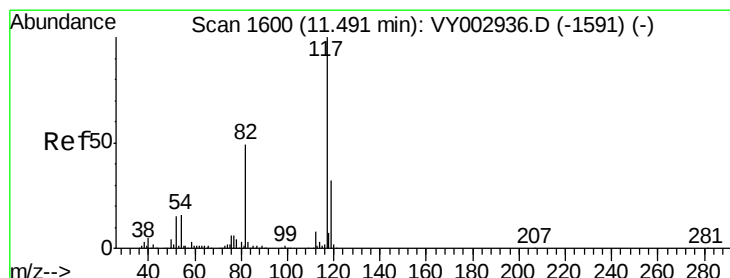
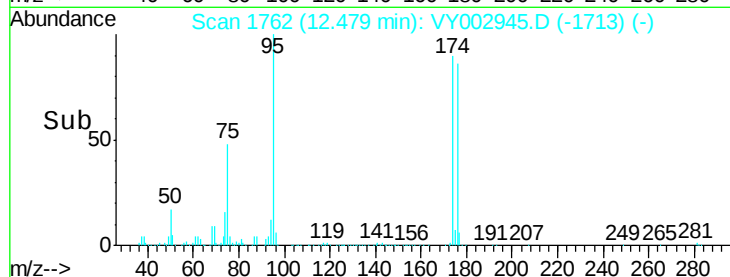
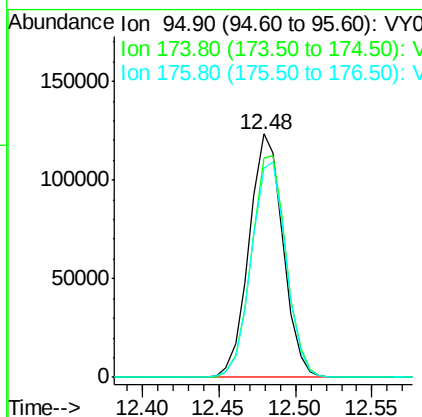
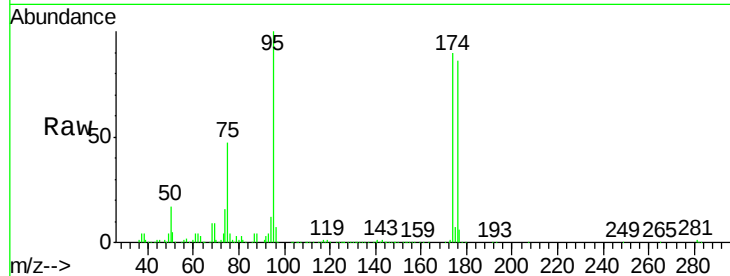




#62
4-Bromofluorobenzene
Concen: 52.877 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY002945.D
Acq: 19 Jun 2020 18:12

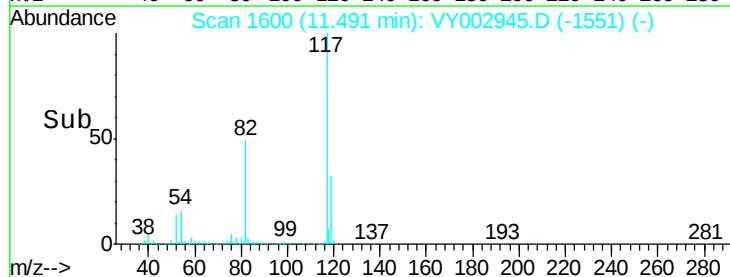
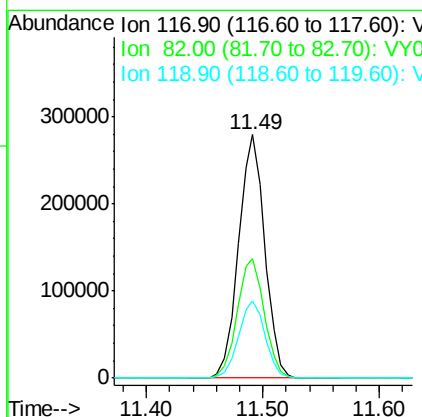
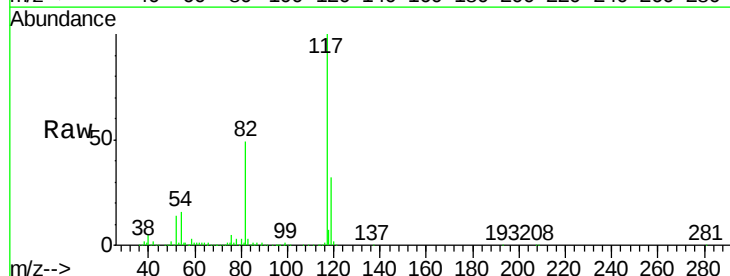
Instrument :
MSVOA_Y
ClientSampleId :
IWS

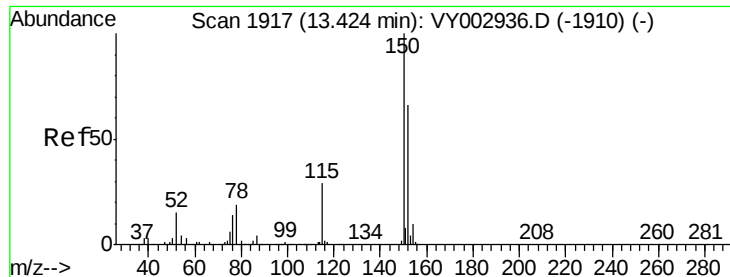
Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.8	0.0	191.2
176	90.7	0.0	186.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002945.D
Acq: 19 Jun 2020 18:12

Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.2	39.4	59.0
119	31.9	25.4	38.0



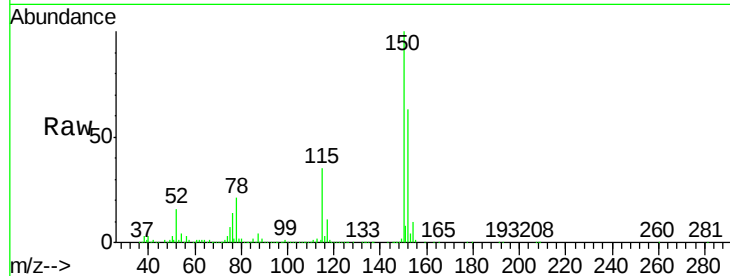


#72

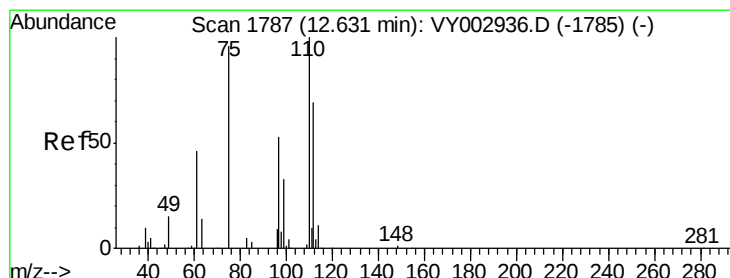
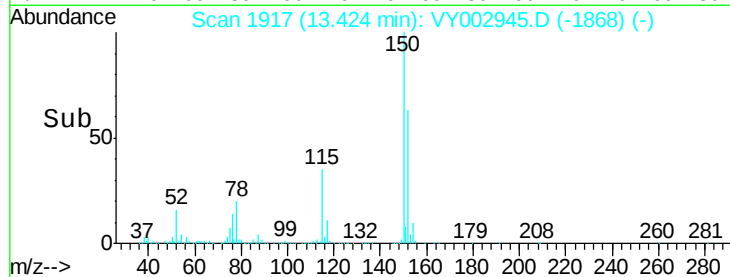
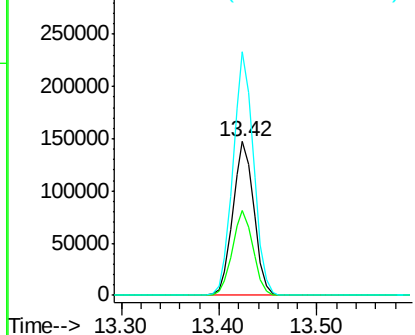
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY002945.D
Acq: 19 Jun 2020 18:12

Instrument :
MSVOA_Y
ClientSampleId :
IWS

Tgt Ion:152 Resp: 219907
Ion Ratio Lower Upper
152 100
115 54.1 26.9 80.6
150 154.6 0.0 341.8



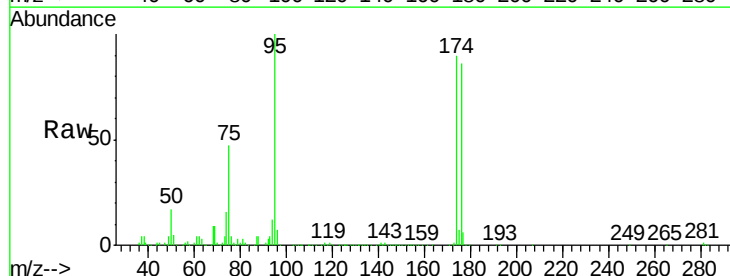
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



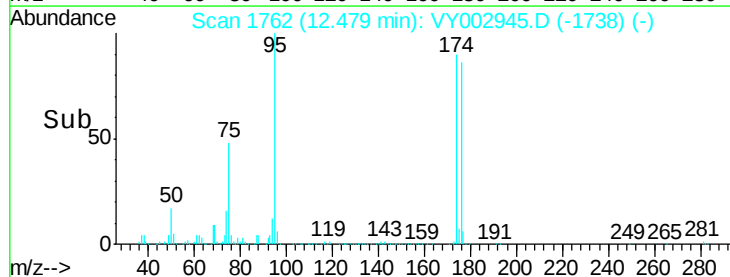
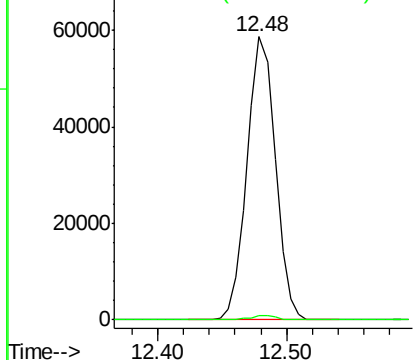
#76

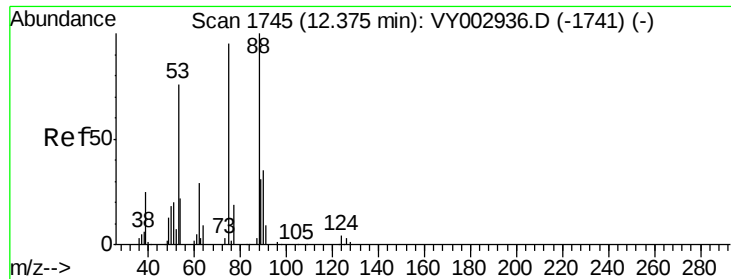
1,2,3-Trichloropropane
Concen: 46.552 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY002945.D
Acq: 19 Jun 2020 18:12

Tgt Ion: 75 Resp: 89154
Ion Ratio Lower Upper
75 100
77 1.8 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: 88.876 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002945.D

Acq: 19 Jun 2020 18:12

Instrument :

MSVOA_Y

ClientSampleId :

IWS

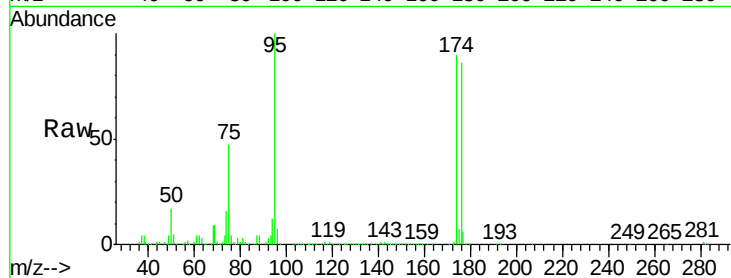
Tgt Ion: 75 Resp: 89154

Ion Ratio Lower Upper

75 100

53 0.0 65.1 97.7#

89 0.1 38.4 57.6#



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

