

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051320\
 Data File : VY002684.D
 Acq On : 13 May 2020 15:02
 Operator : SY/MD
 Sample : L2636-03
 Misc : 4.73G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 14 02:56:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

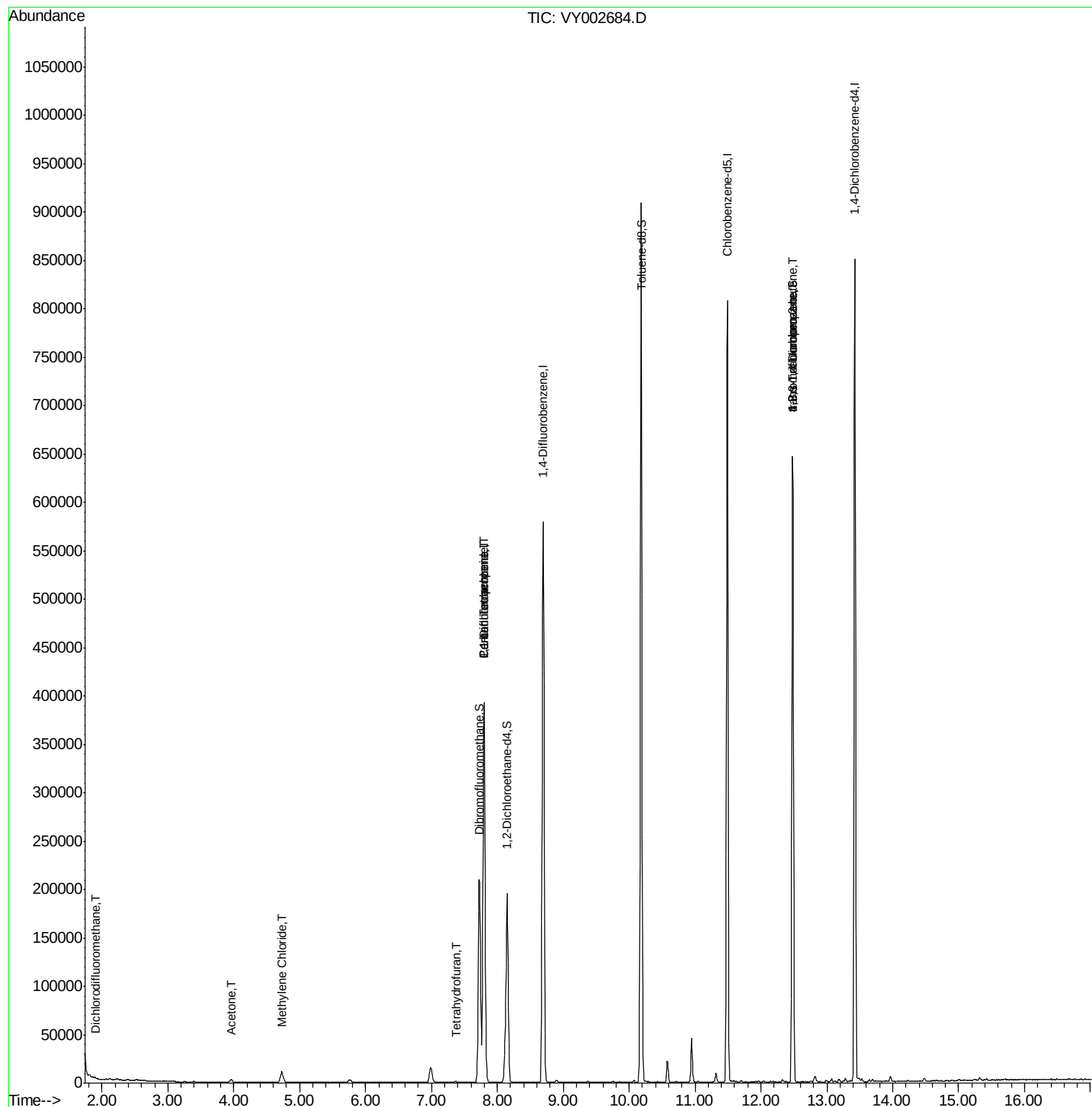
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	334694	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	519347	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	466578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	228199	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	137984	49.03	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	98.06%	
35) Dibromofluoromethane	7.72	113	153310	51.62	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	103.24%	
50) Toluene-d8	10.18	98	608585	52.47	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	104.94%	
62) 4-Bromofluorobenzene	12.48	95	196614	49.96	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	99.92%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.91	85	213	1.859	ug/l #	43
16) Acetone	3.96	43	5133	8.838	ug/l #	83
20) Methylene Chloride	4.72	84	8508	2.620	ug/l	96
29) Tetrahydrofuran	7.36	42	779	1.238	ug/l	99
36) 1,1-Dichloropropene	7.80	75	20450	4.697	ug/l #	49
38) Carbon Tetrachloride	7.80	117	29861	6.282	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	93145	45.931	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	93145	92.101	ug/l #	15

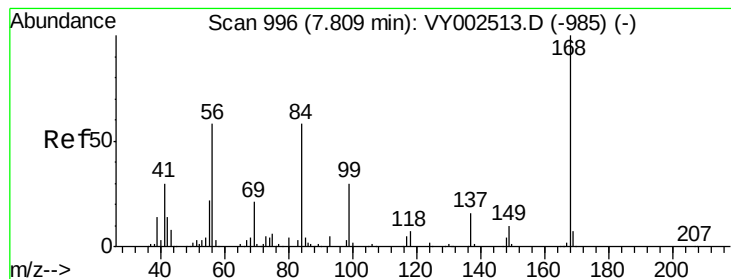
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002684.D

Acq: 13 May 2020 15:02

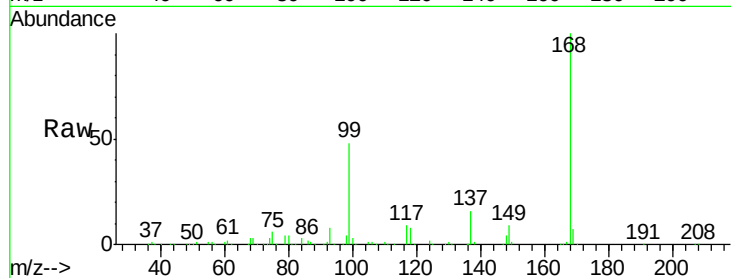
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 334694

Ion Ratio Lower Upper

168 100

99 47.7 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.80

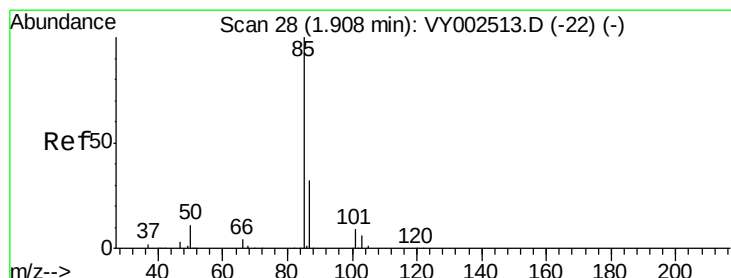
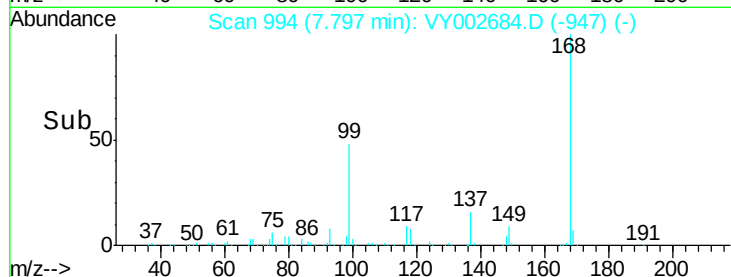
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.859 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002684.D

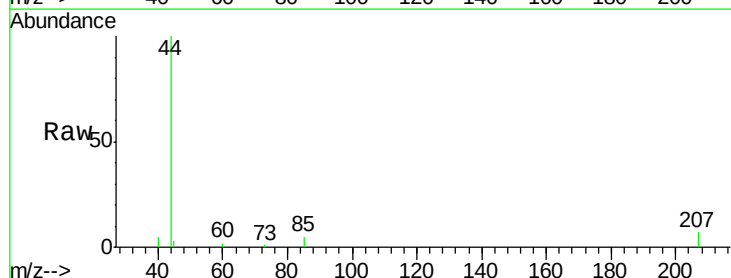
Acq: 13 May 2020 15:02

Tgt Ion: 85 Resp: 213

Ion Ratio Lower Upper

85 100

87 0.0 15.8 47.4#



Abundance Ion 84.90 (84.60 to 85.60): VY002513.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002513.D (-22) (-)

1.91

200

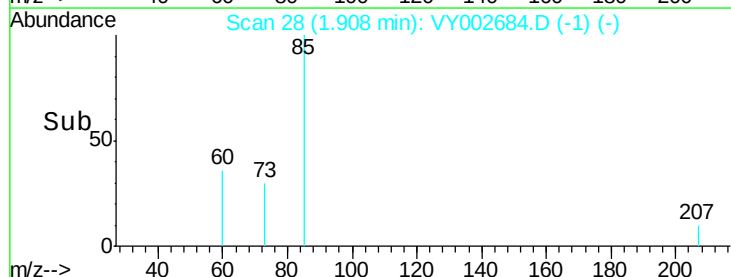
150

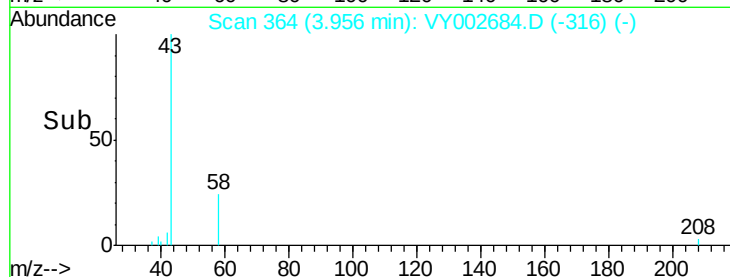
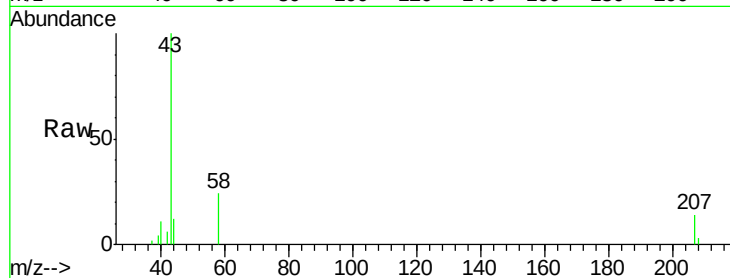
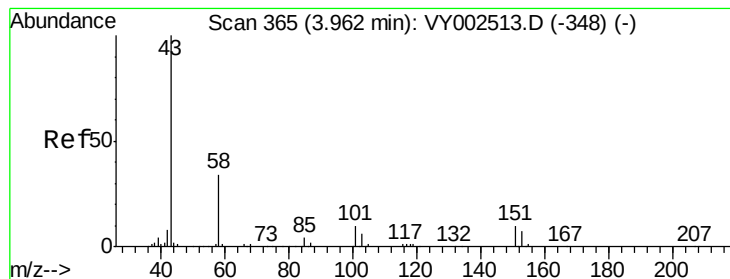
100

50

0

Time-->





#16

Acetone

Concen: 8.838 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY002684.D

Acq: 13 May 2020 15:02

Instrument :

MSVOA_Y

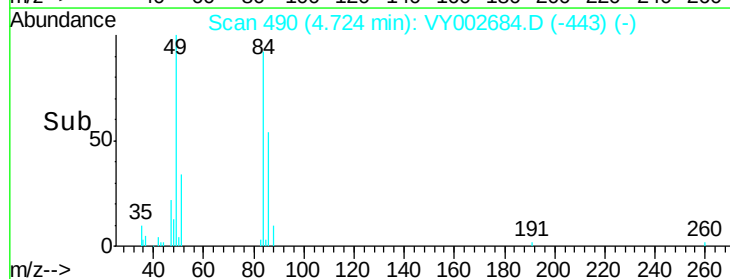
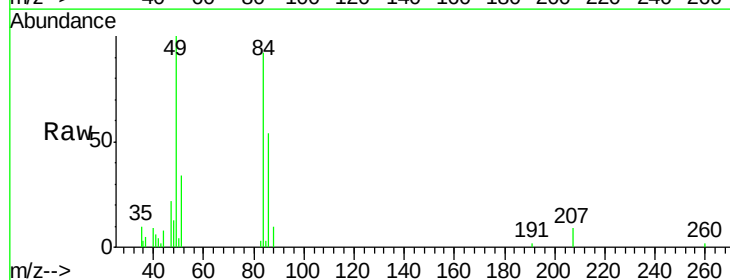
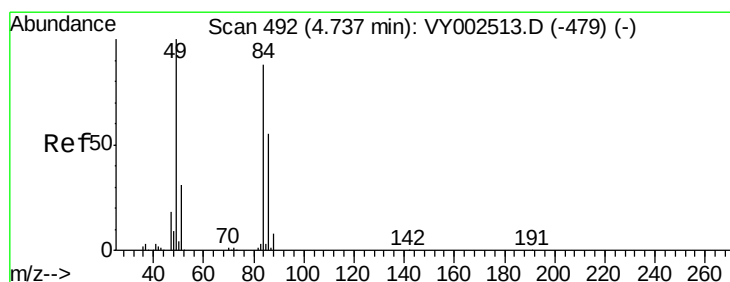
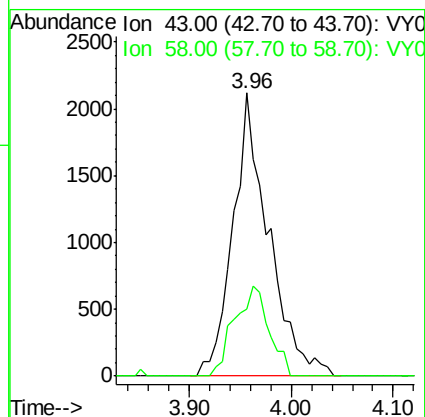
ClientSampleId :

Tot Ion: 43 Resp: 5133

Ion Ratio Lower Upper

43 100

58 23.9 26.9 40.3#



#20

Methylene Chloride

Concen: 2.620 ug/l

RT: 4.72 min Scan# 490

Delta R.T. -0.01 min

Lab File: VY002684.D

Acq: 13 May 2020 15:02

Tgt Ion: 84 Resp: 8508

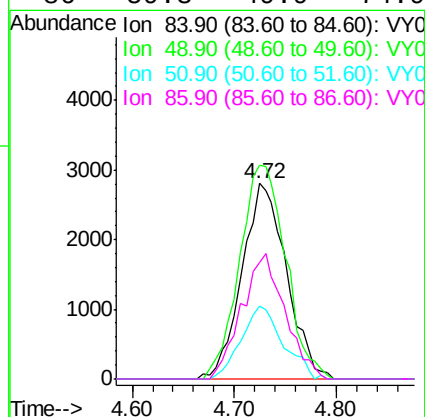
Ion Ratio Lower Upper

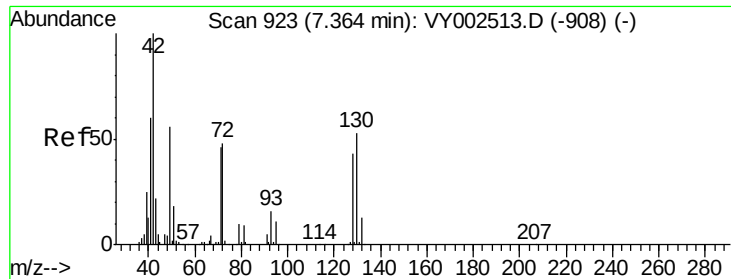
84 100

49 109.2 90.5 135.7

51 37.5 28.3 42.5

86 59.3 49.9 74.9





#29

Tetrahydrofuran

Concen: 1.238 ug/l

RT: 7.36 min Scan# 923

Delta R.T. -0.00 min

Lab File: VY002684.D

Acq: 13 May 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

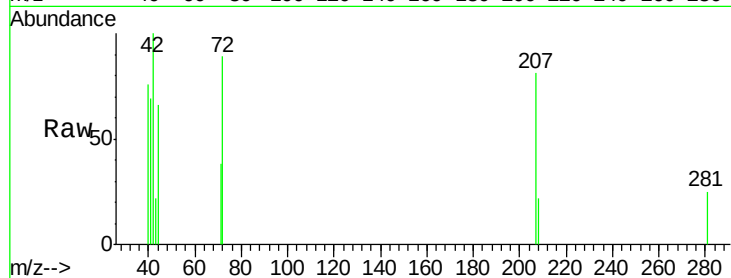
Tot Ion: 42 Resp: 779

Ion Ratio Lower Upper

42 100

72 48.1 37.4 56.2

71 43.6 35.0 52.4

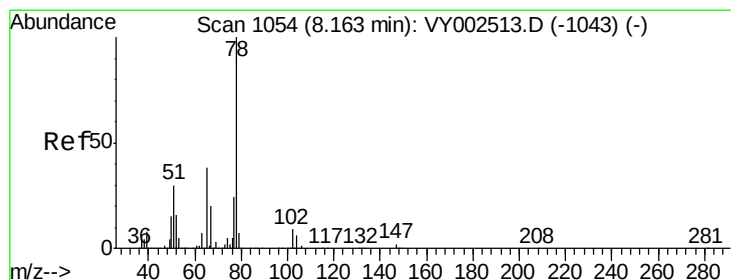
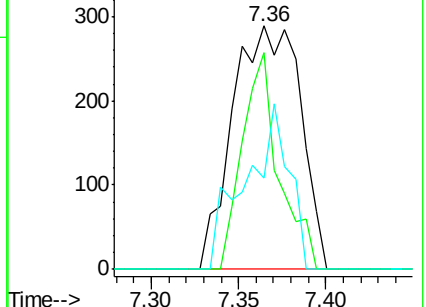
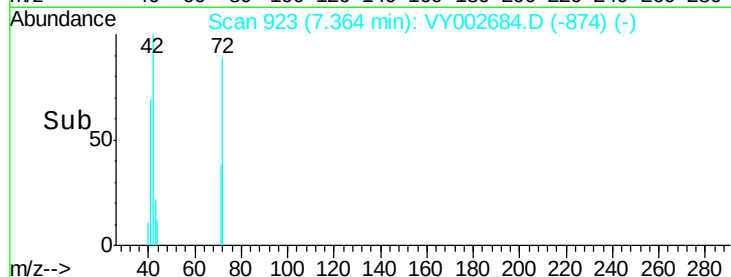


Abundance Ion 42.00 (41.70 to 42.70): VY002513.D (-908) (-)

Ion 72.00 (71.70 to 72.70): VY002513.D (-908) (-)

Ion 71.00 (70.70 to 71.70): VY002513.D (-908) (-)

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.032 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002684.D

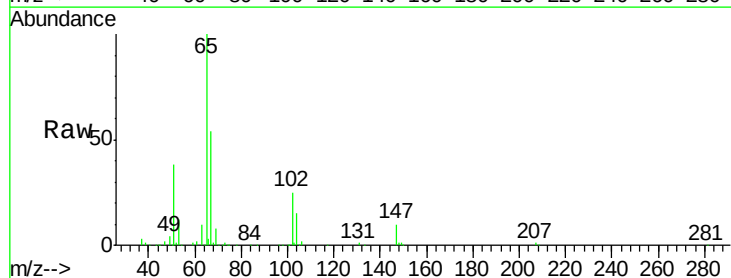
Acq: 13 May 2020 15:02

Tgt Ion: 65 Resp: 137984

Ion Ratio Lower Upper

65 100

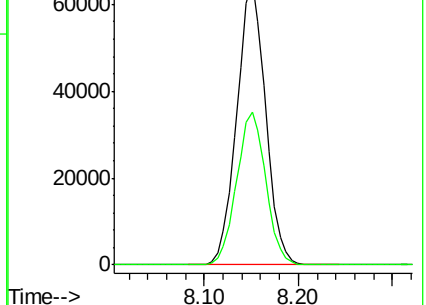
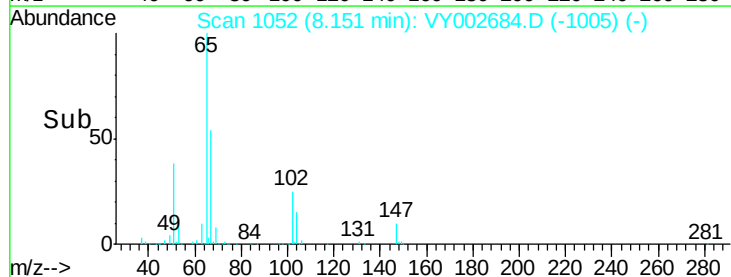
67 55.1 0.0 107.2

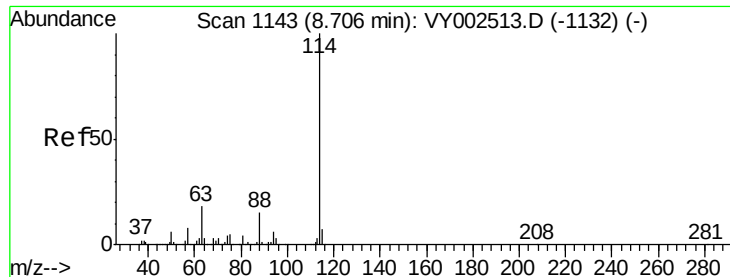


Abundance Ion 64.90 (64.60 to 65.60): VY002513.D (-1043) (-)

Ion 66.90 (66.60 to 67.60): VY002513.D (-1043) (-)

Time-->

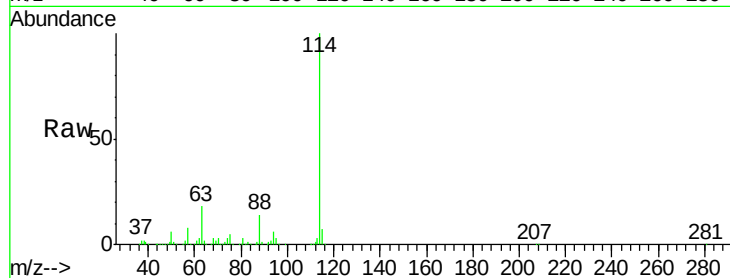




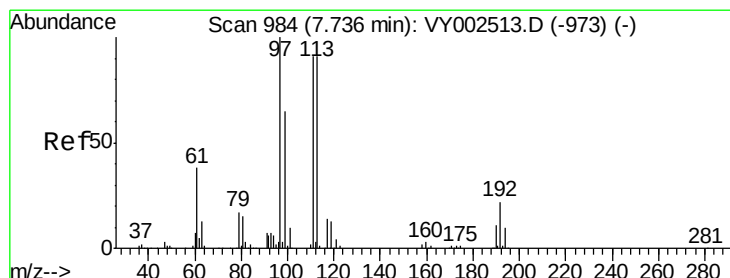
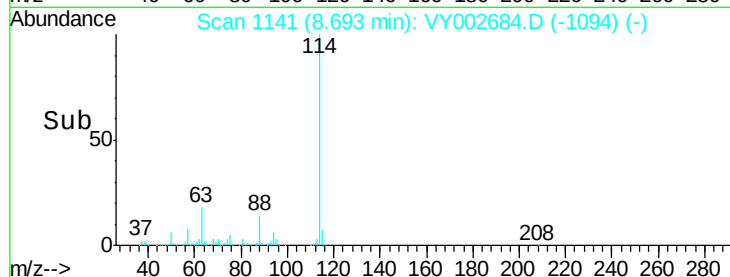
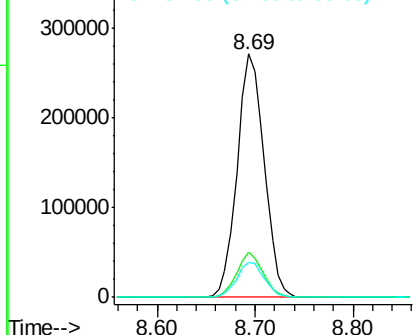
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY002684.D
 Acq: 13 May 2020 15:02

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:114	Resp:	519347
Ion Ratio	Lower	Upper
114 100		
63 18.3	0.0	36.4
88 14.4	0.0	29.6

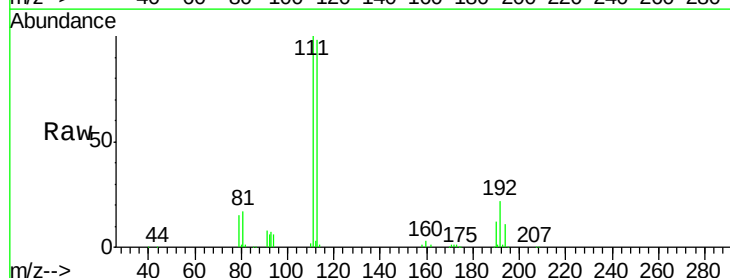


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

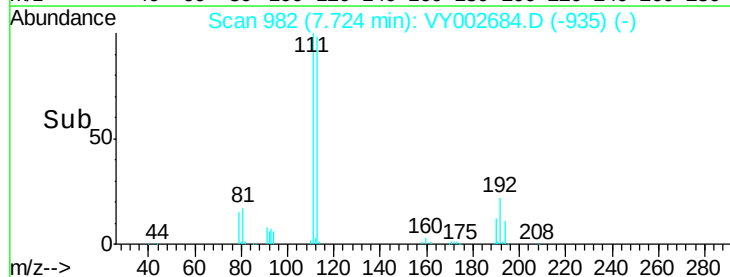
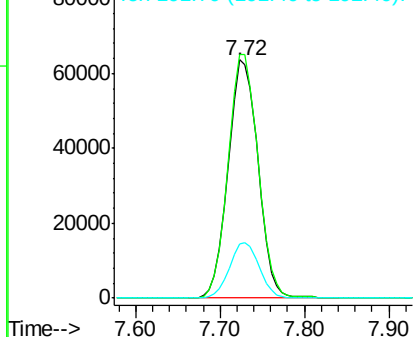


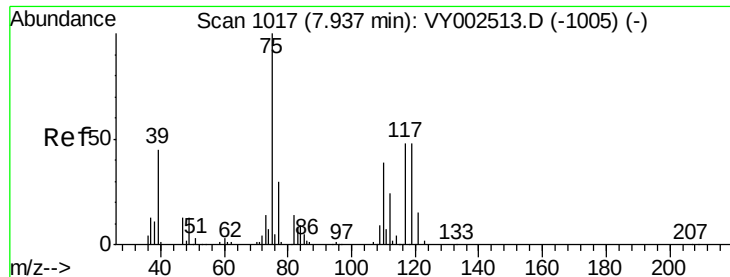
#35
 Dibromofluoromethane
 Concen: 51.617 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002684.D
 Acq: 13 May 2020 15:02

Tgt Ion:113	Resp:	153310
Ion Ratio	Lower	Upper
113 100		
111 101.8	81.8	122.6
192 23.1	18.2	27.4



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

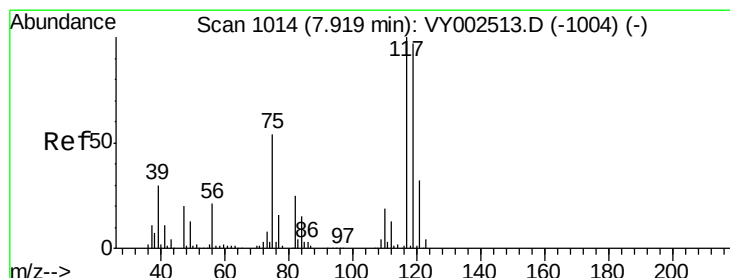
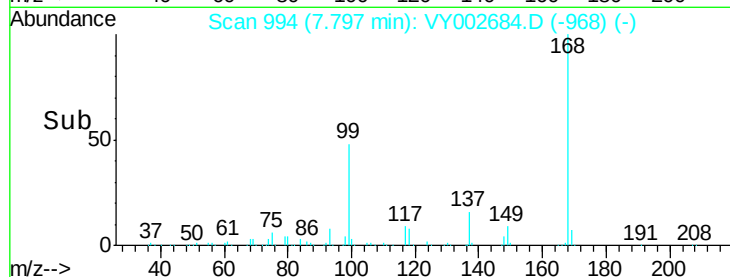
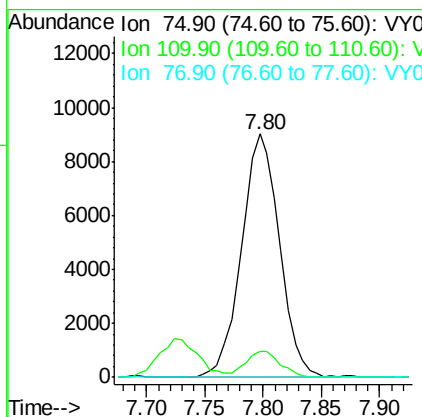
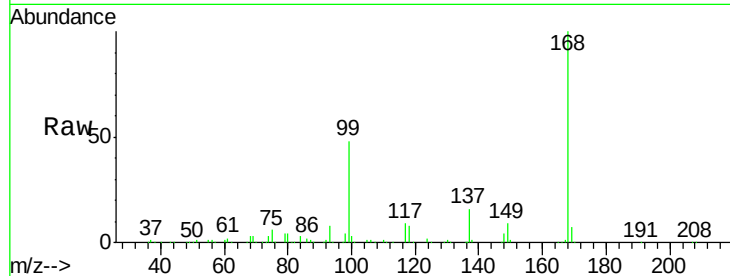




#36
 1,1-Dichloropropene
 Concen: 4.697 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.14 min
 Lab File: VY002684.D
 Acq: 13 May 2020 15:02

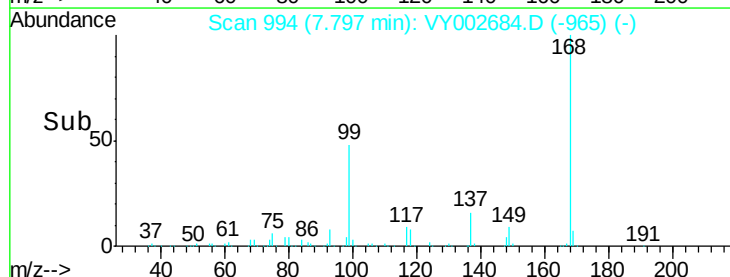
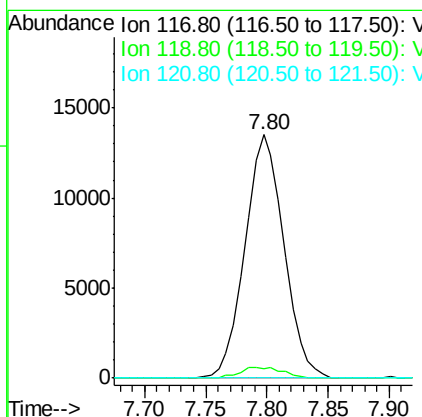
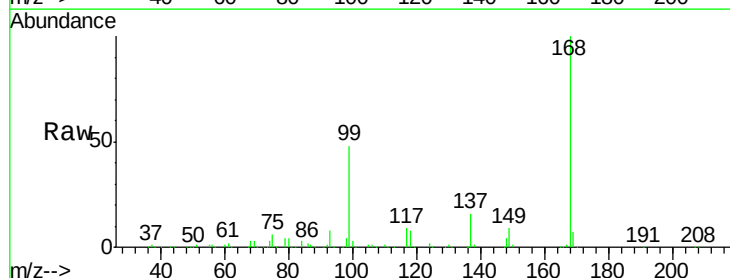
Instrument :
 MSVOA_Y
 ClientSampleId :

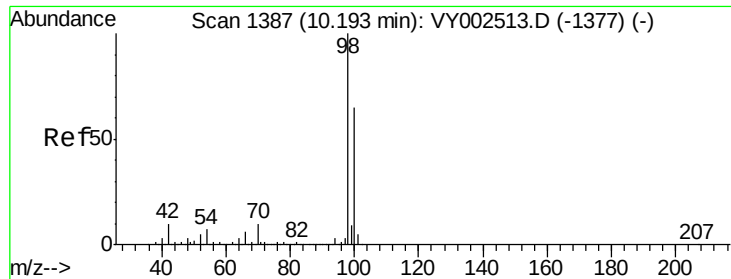
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.8	19.1	57.3#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 6.282 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.12 min
 Lab File: VY002684.D
 Acq: 13 May 2020 15:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.0	77.1	115.7#
121	0.0	25.2	37.8#





#50

Toluene-d8

Concen: 52.469 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002684.D

Acq: 13 May 2020 15:02

Instrument :

MSVOA_Y

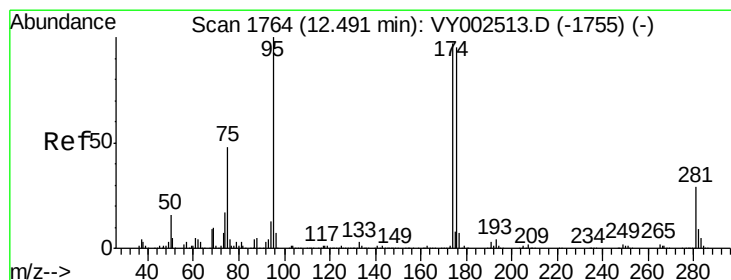
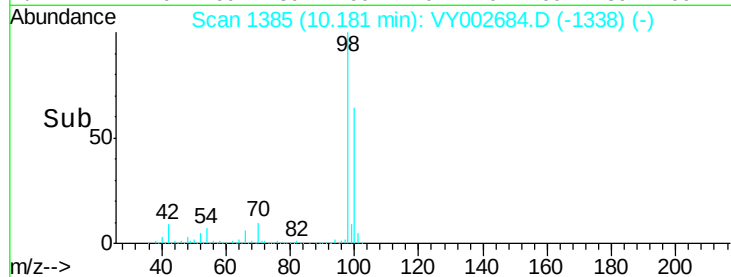
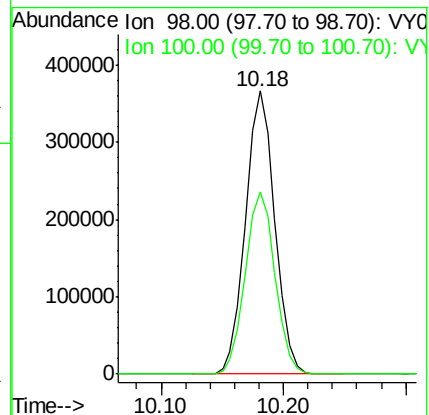
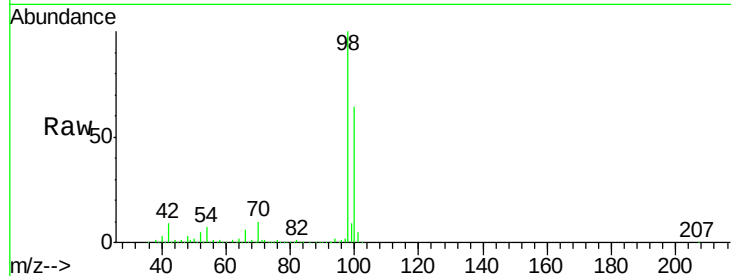
ClientSampleId :

Tot Ion: 98 Resp: 608585

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 49.955 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002684.D

Acq: 13 May 2020 15:02

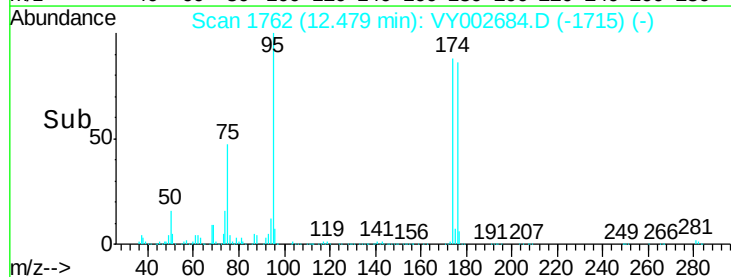
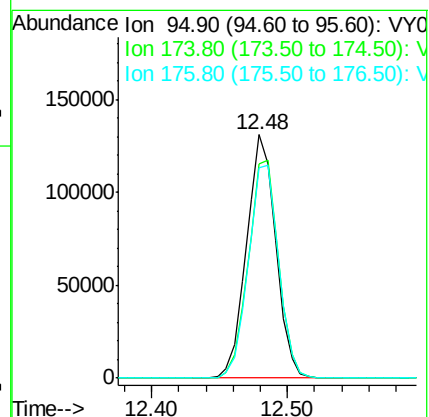
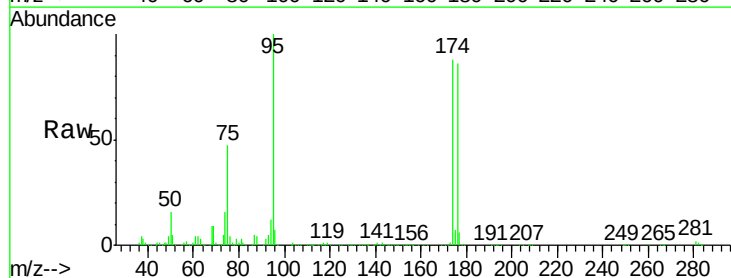
Tgt Ion: 95 Resp: 196614

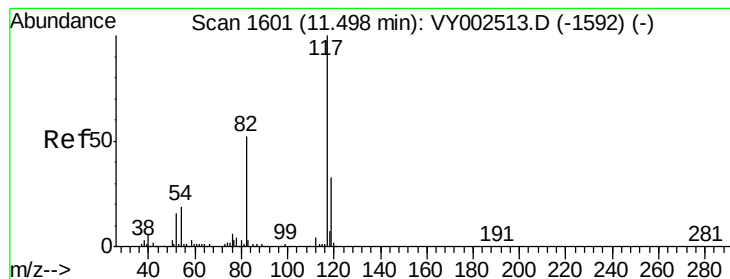
Ion Ratio Lower Upper

95 100

174 92.5 0.0 188.8

176 90.9 0.0 183.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.01 min

Lab File: VY002684.D

Acq: 13 May 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

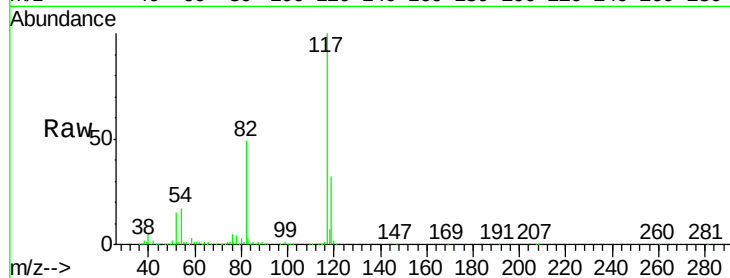
Tot Ion:117 Resp: 466578

Ion Ratio Lower Upper

117 100

82 48.8 41.3 61.9

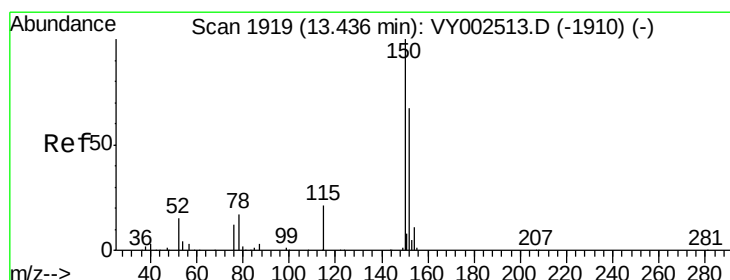
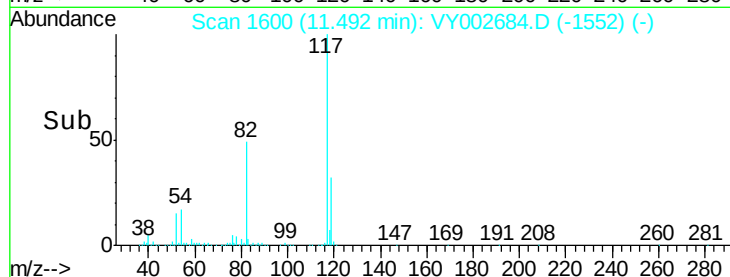
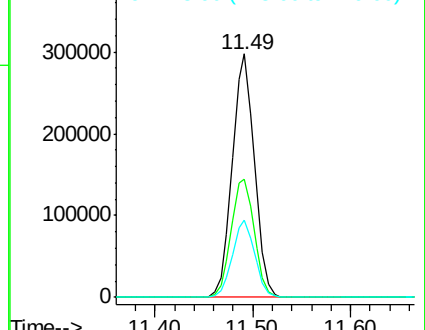
119 31.8 26.0 39.0



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. -0.01 min

Lab File: VY002684.D

Acq: 13 May 2020 15:02

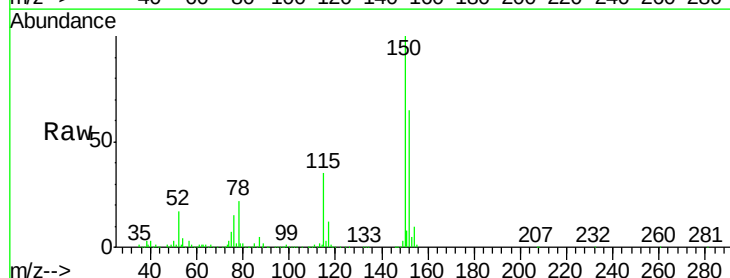
Tgt Ion:152 Resp: 228199

Ion Ratio Lower Upper

152 100

115 53.6 27.5 82.4

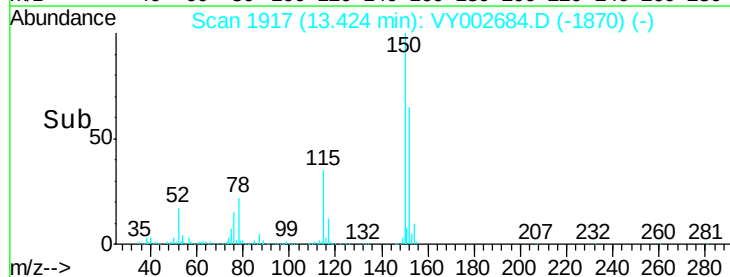
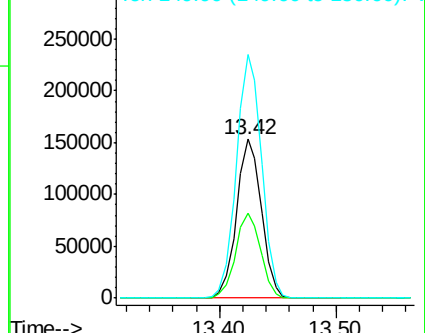
150 155.7 0.0 346.4

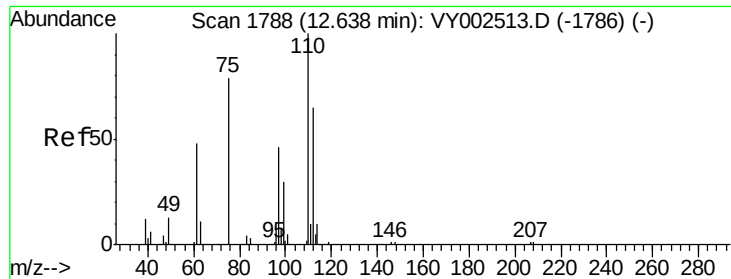


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

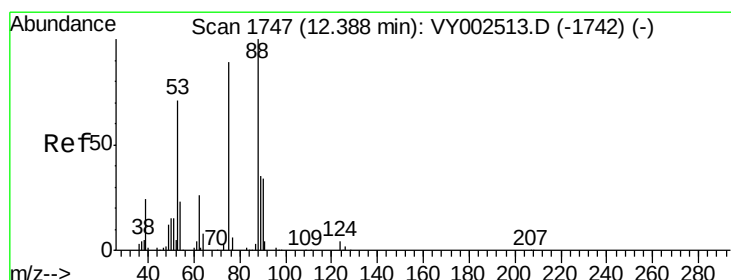
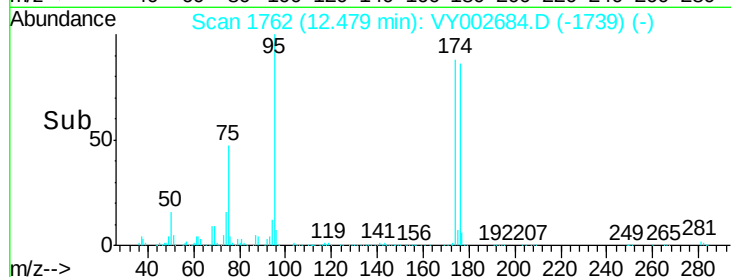
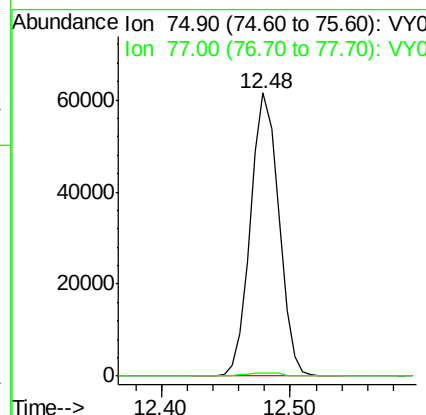
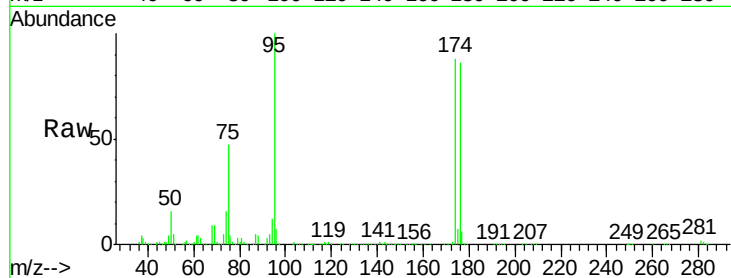




#76
 1,2,3-Trichloropropane
 Concen: 45.931 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.16 min
 Lab File: VY002684.D
 Acq: 13 May 2020 15:02

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 93145
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.101 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.09 min
 Lab File: VY002684.D
 Acq: 13 May 2020 15:02

Tgt Ion: 75 Resp: 93145
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.0#
 89 0.0 37.4 56.0#

