

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
 Data File : VY002770.D
 Acq On : 27 May 2020 17:39
 Operator : SY/MD
 Sample : L2771-04
 Misc : 6.97G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ISLAND-BETWEEN-G-H-2

Quant Time: May 28 04:44:42 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	306678	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	492748	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	460753	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	234409	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	151439	56.87	ug/l	0.00
Spiked Amount			Recovery	=	113.74%	
35) Dibromofluoromethane	7.72	113	151590	52.49	ug/l	0.00
Spiked Amount			Recovery	=	104.98%	
50) Toluene-d8	10.18	98	577835	49.49	ug/l	0.00
Spiked Amount			Recovery	=	98.98%	
62) 4-Bromofluorobenzene	12.48	95	197559	49.51	ug/l	0.00
Spiked Amount			Recovery	=	99.02%	

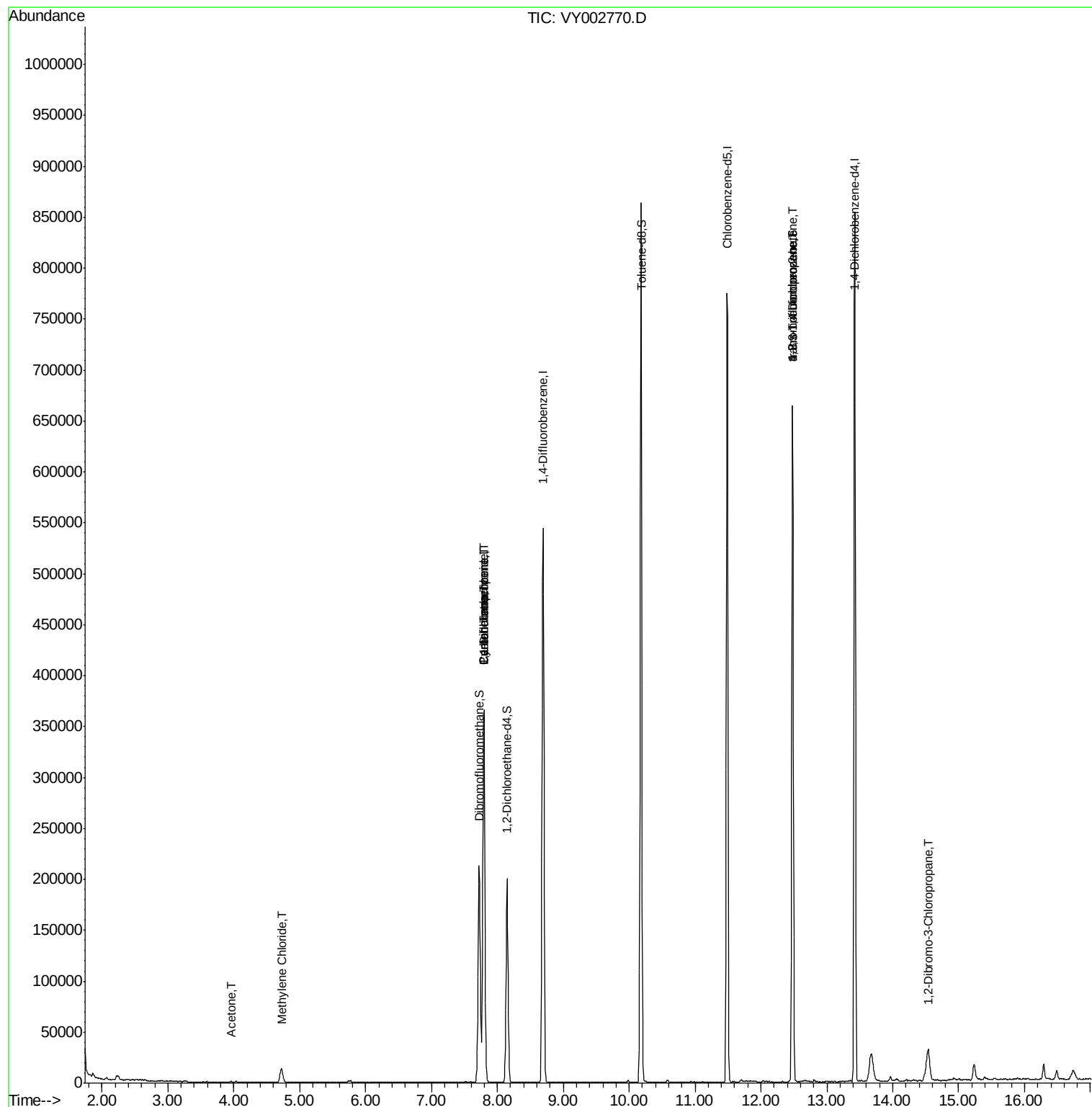
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.95	59	21	Below Cal	#	74
16) Acetone	3.96	43	1095	1.754	ug/l #	80
18) Methyl Acetate	4.49	43	413	Below Cal	#	48
20) Methylene Chloride	4.72	84	11178	3.663	ug/l	94
31) Cyclohexane	7.80	56	4572	1.012	ug/l #	1
36) 1,1-Dichloropropene	7.79	75	19416	4.678	ug/l #	48
38) Carbon Tetrachloride	7.80	117	27328	5.927	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	95277	45.108	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	95277	84.984	ug/l #	17
92) 1,2-Dibromo-3-Chloropropan	14.53	75	2177	4.293	ug/l #	12

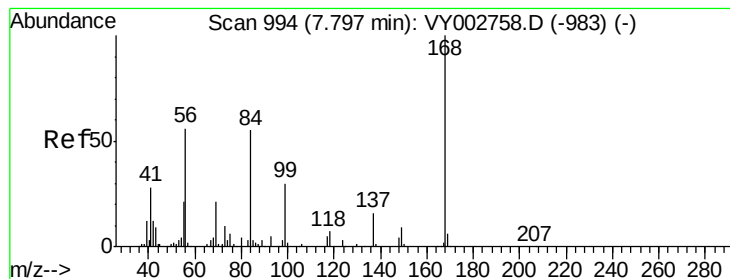
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
Data File : VY002770.D
Acq On : 27 May 2020 17:39
Operator : SY/MD
Sample : L2771-04
Misc : 6.97G/5ML/MSVOA Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ISLAND-BETWEEN-G-H-2

Quant Time: May 28 04:44:42 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: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002770.D

Acq: 27 May 2020 17:39

Instrument :

MSVOA_Y

ClientSampleId :

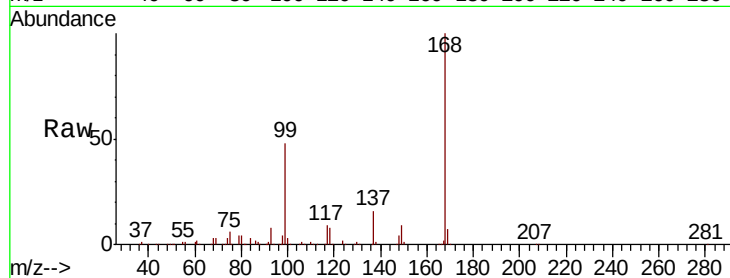
ISLAND-BETWEEN-G-H-2

Tot Ion:168 Resp: 306678

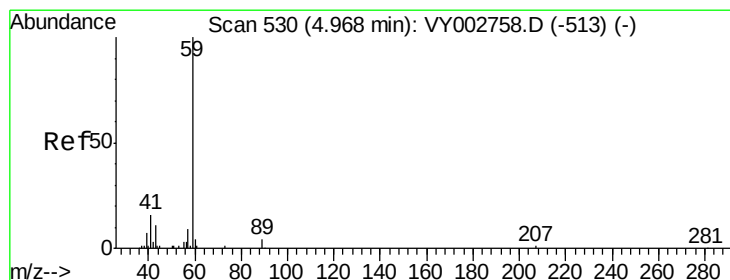
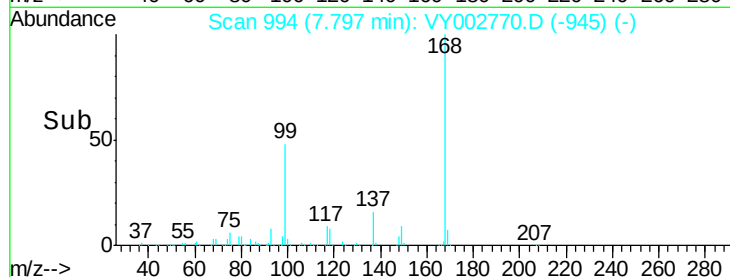
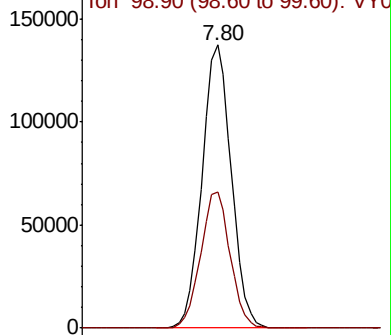
Ion Ratio Lower Upper

168 100

99 48.1 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002770.D (-945) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.95 min Scan# 527

Delta R.T. -0.02 min

Lab File: VY002770.D

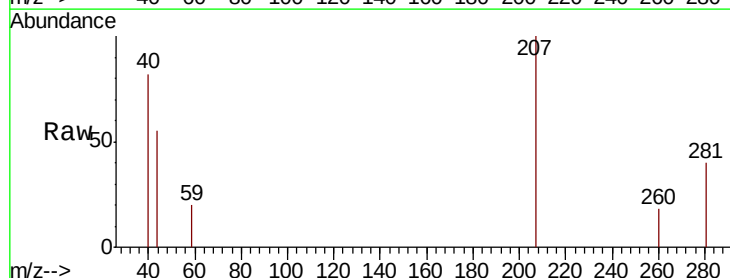
Acq: 27 May 2020 17:39

Tgt Ion: 59 Resp: 21

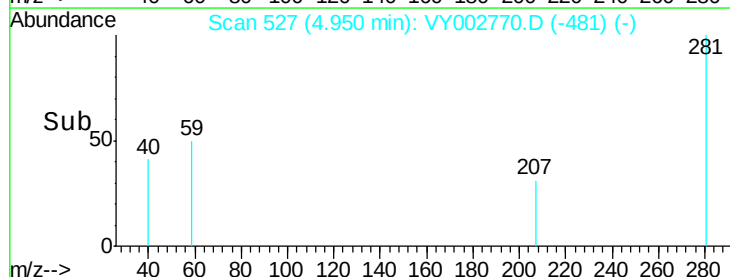
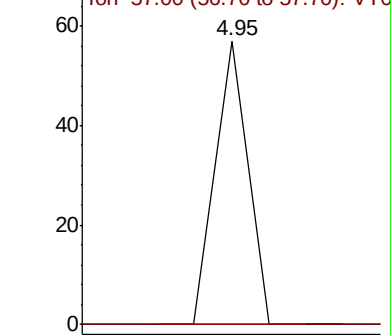
Ion Ratio Lower Upper

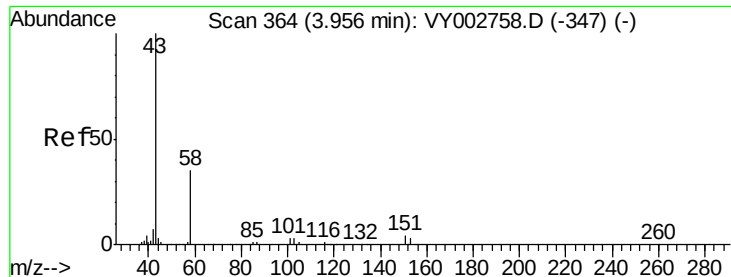
59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VY002770.D (-481) (-)





#16

Acetone

Concen: 1.754 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002770.D

Acq: 27 May 2020 17:39

Instrument :

MSVOA_Y

ClientSampleId :

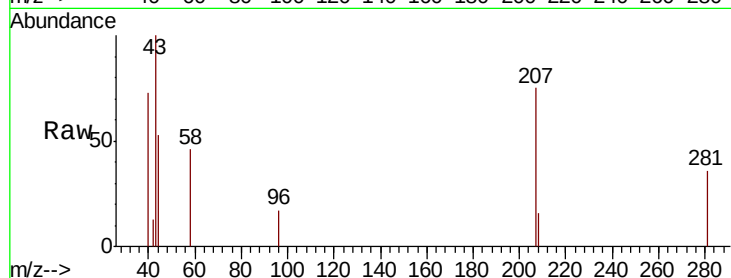
ISLAND-BETWEEN-G-H-2

Tot Ion: 43 Resp: 1095

Ion Ratio Lower Upper

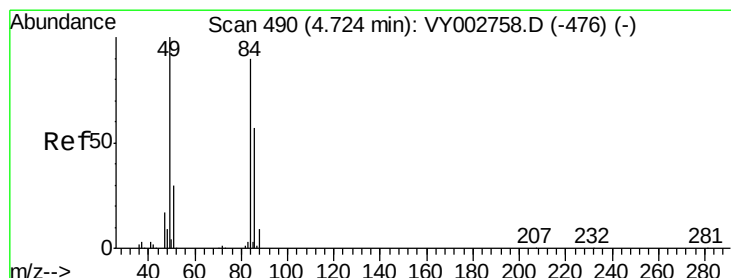
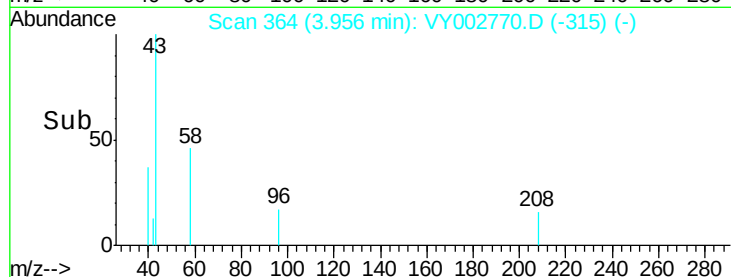
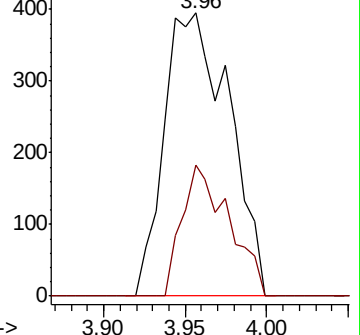
43 100

58 46.1 27.7 41.5#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#20

Methylene Chloride

Concen: 3.663 ug/l

RT: 4.72 min Scan# 489

Delta R.T. -0.01 min

Lab File: VY002770.D

Acq: 27 May 2020 17:39

Tgt Ion: 84 Resp: 11178

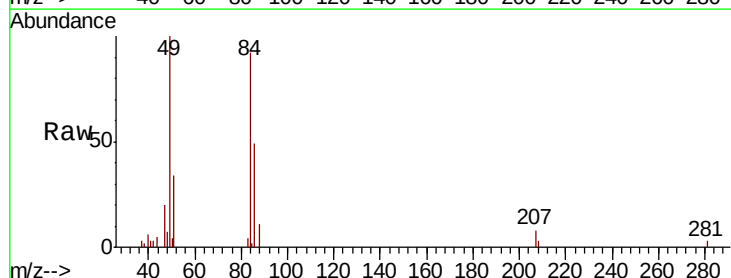
Ion Ratio Lower Upper

84 100

49 108.6 88.5 132.7

51 36.7 26.8 40.2

86 53.6 50.6 75.8

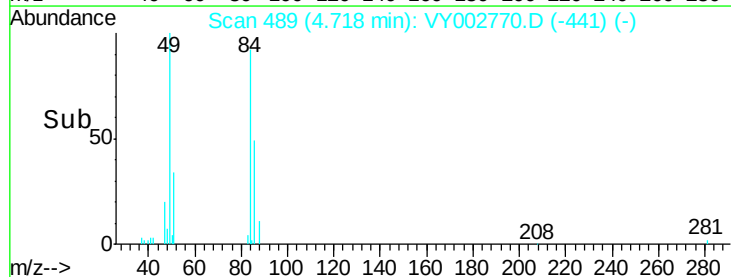
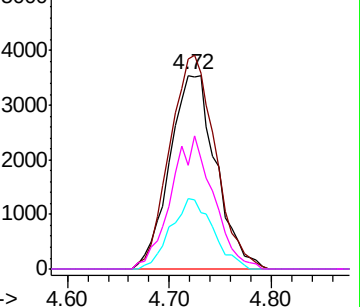


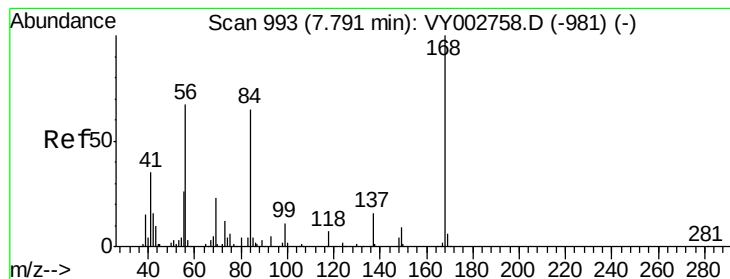
Abundance Ion 83.90 (83.60 to 84.60): VY0

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





#31

Cyclohexane

Concen: 1.012 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY002770.D

Acq: 27 May 2020 17:39

Instrument :

MSVOA_Y

ClientSampleId :

ISLAND-BETWEEN-G-H-2

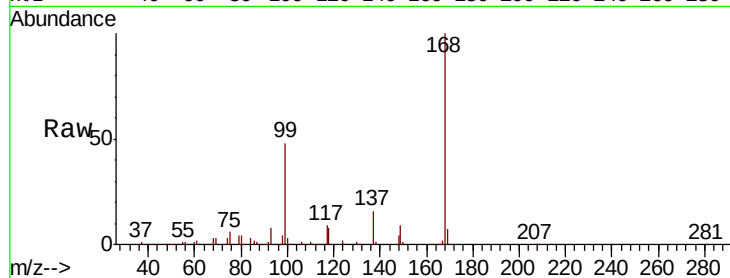
Tot Ion: 56 Resp: 4572

Ion Ratio Lower Upper

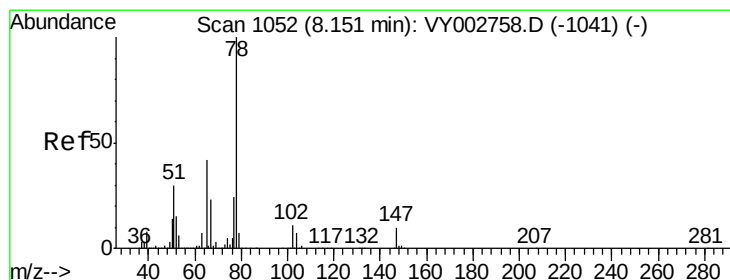
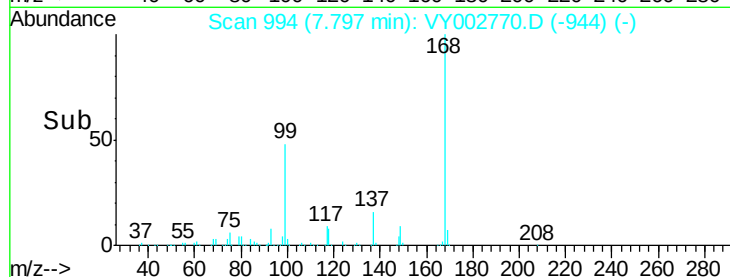
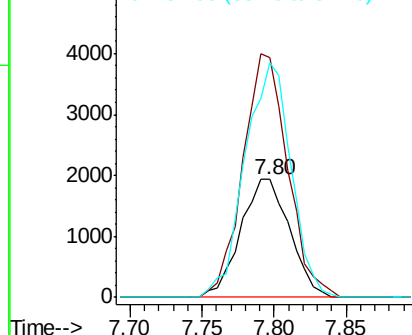
56 100

69 202.8 28.0 42.0#

84 199.1 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: 56.872 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY002770.D

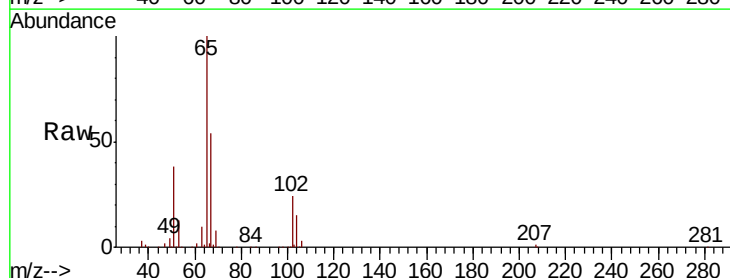
Acq: 27 May 2020 17:39

Tgt Ion: 65 Resp: 151439

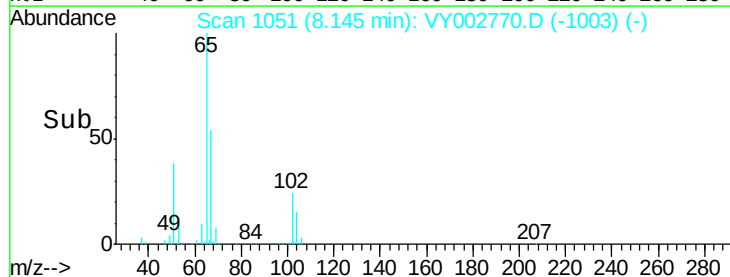
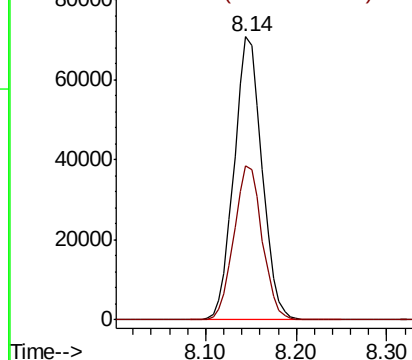
Ion Ratio Lower Upper

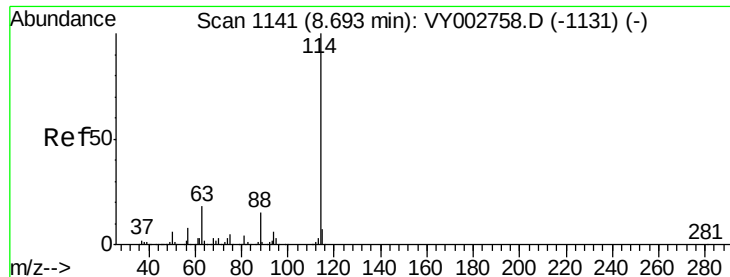
65 100

67 55.0 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

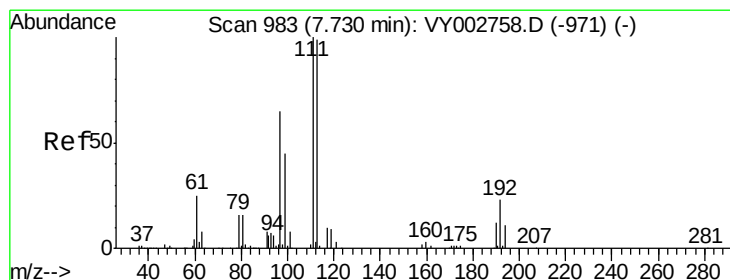
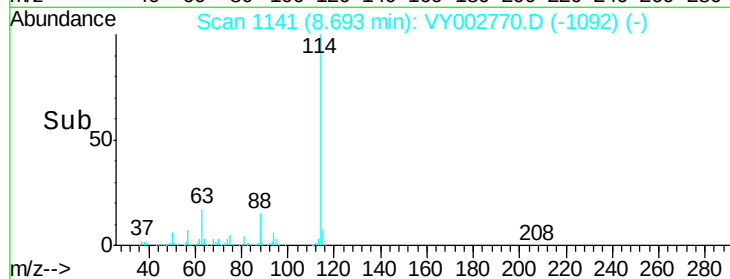
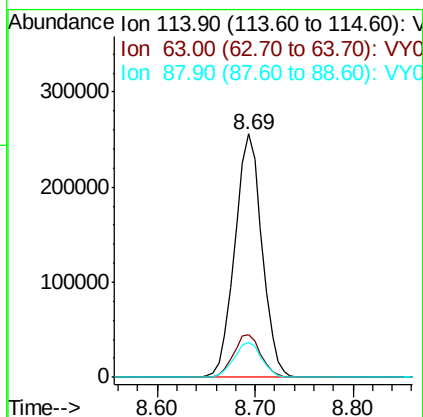
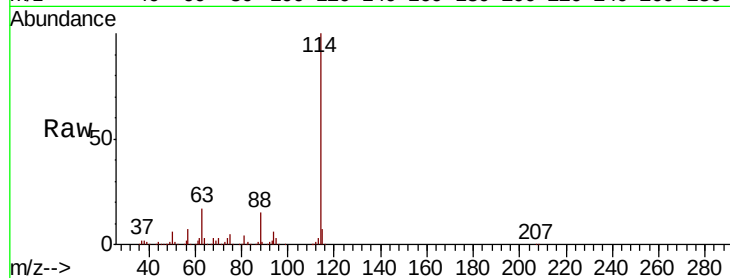




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002770.D
 Acq: 27 May 2020 17:39

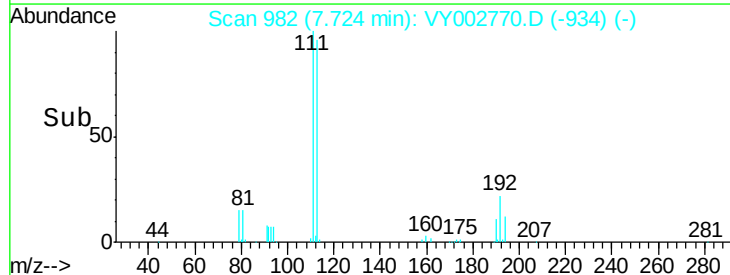
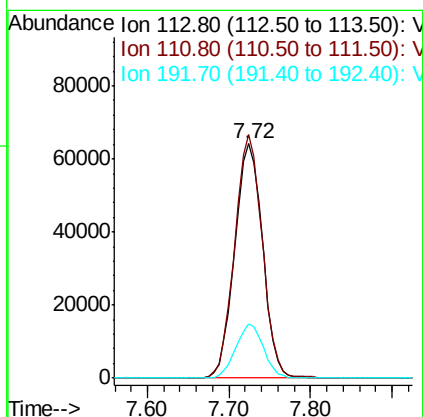
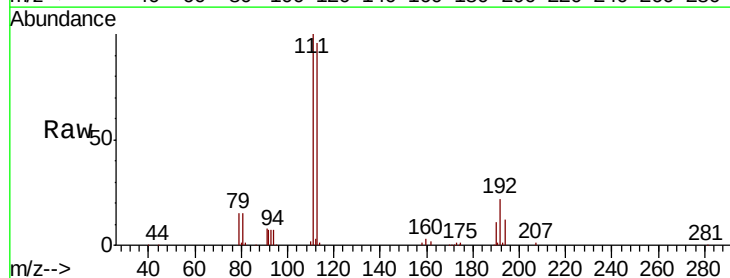
Instrument :
 MSVOA_Y
 ClientSampleId :
 ISLAND-BETWEEN-G-H-2

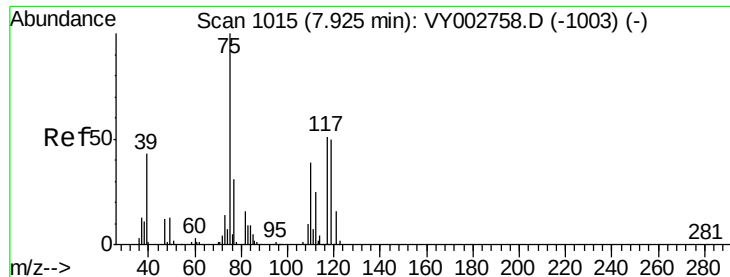
Tot Ion:114 Resp: 492748
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 35.2
 88 14.6 0.0 29.2



#35
 Dibromofluoromethane
 Concen: 52.494 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002770.D
 Acq: 27 May 2020 17:39

Tgt Ion:113 Resp: 151590
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.0 123.0
 192 22.7 18.9 28.3

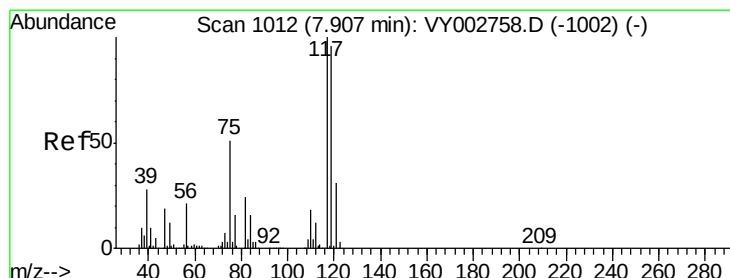
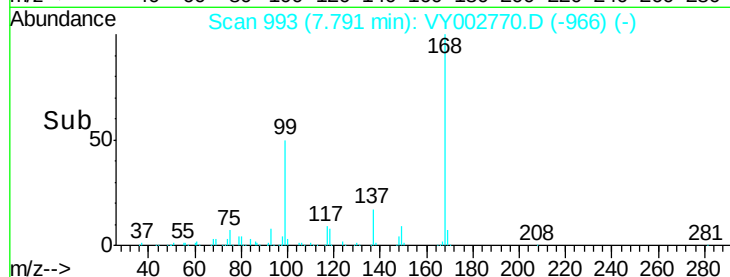
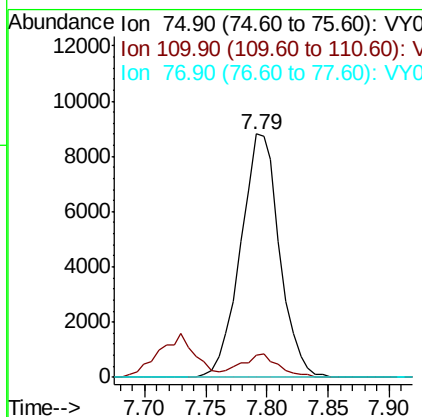
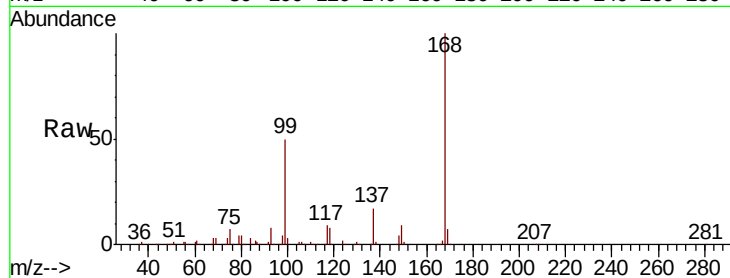




#36
 1,1-Dichloropropene
 Concen: 4.678 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY002770.D
 Acq: 27 May 2020 17:39

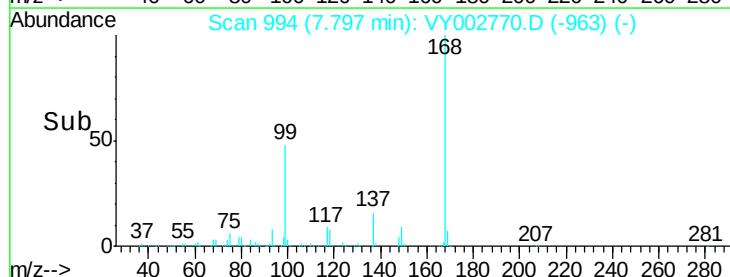
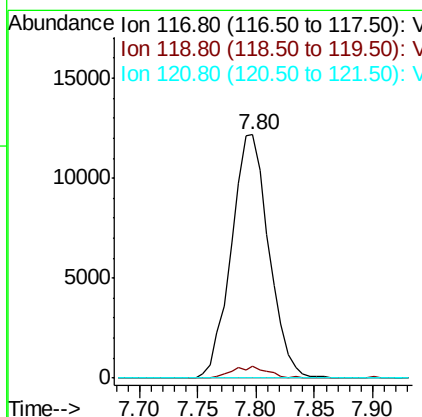
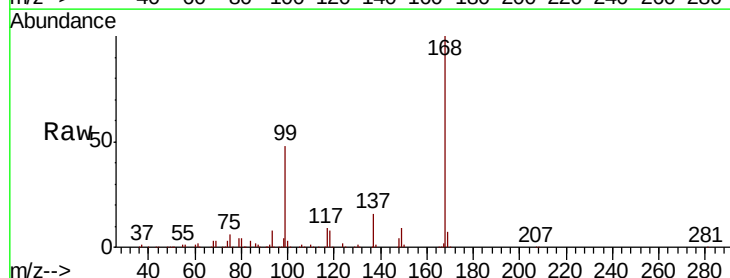
Instrument :
 MSVOA_Y
 ClientSampleId :
 ISLAND-BETWEEN-G-H-2

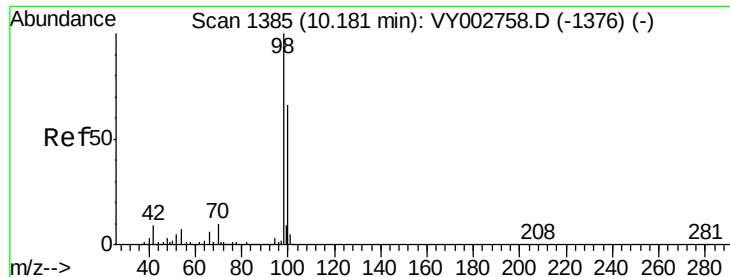
Tot Ion	75	110	77	Resp	19416	Lower	Upper
Ratio	100	9.3	0.0				
		19.3	24.8				
		57.9#	37.2#				



#38
 Carbon Tetrachloride
 Concen: 5.927 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY002770.D
 Acq: 27 May 2020 17:39

Tgt Ion	117	119	121	Resp	27328	Lower	Upper
Ratio	100	5.0	0.0				
		76.8	24.8				
		115.2#	37.2#				





#50

Toluene-d8

Concen: 49.489 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002770.D

Acq: 27 May 2020 17:39

Instrument :

MSVOA_Y

ClientSampleId :

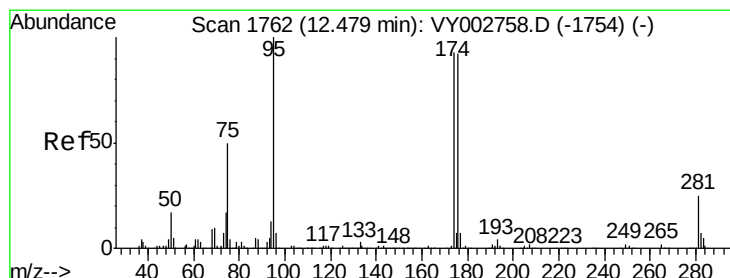
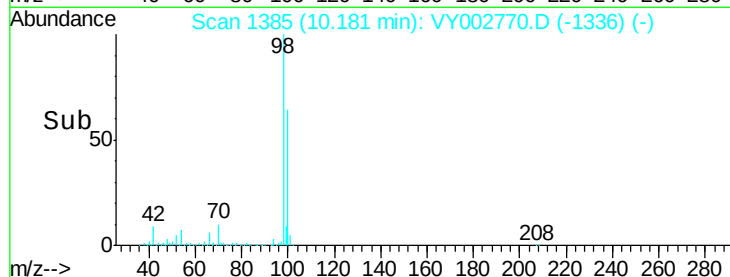
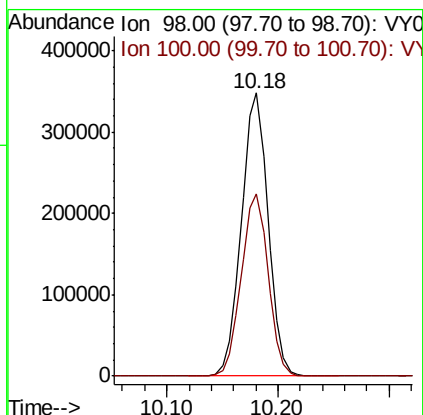
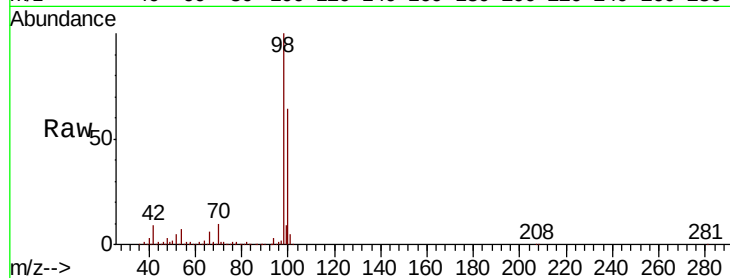
ISLAND-BETWEEN-G-H-2

Tot Ion: 98 Resp: 577835

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 49.510 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002770.D

Acq: 27 May 2020 17:39

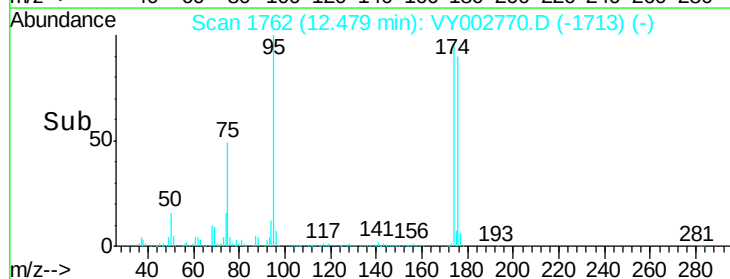
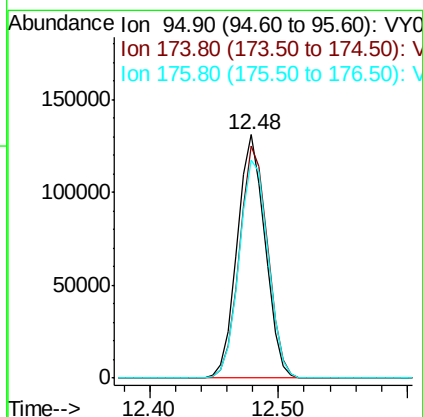
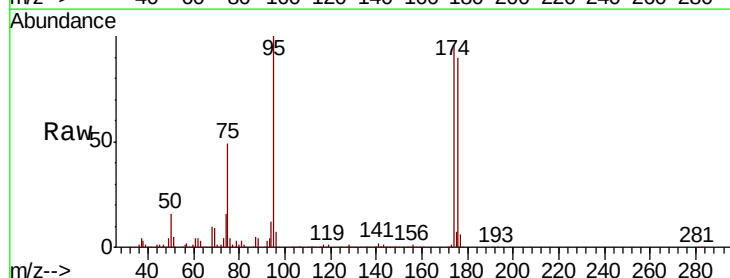
Tgt Ion: 95 Resp: 197559

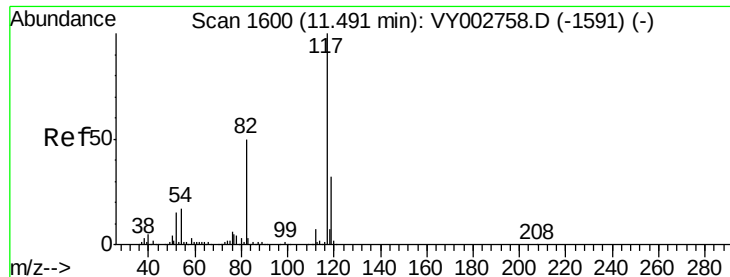
Ion Ratio Lower Upper

95 100

174 96.1 0.0 191.2

176 92.5 0.0 188.8

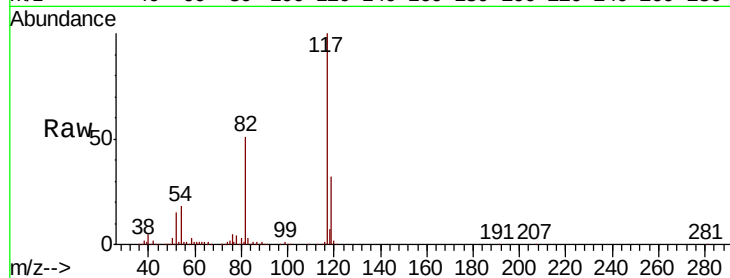




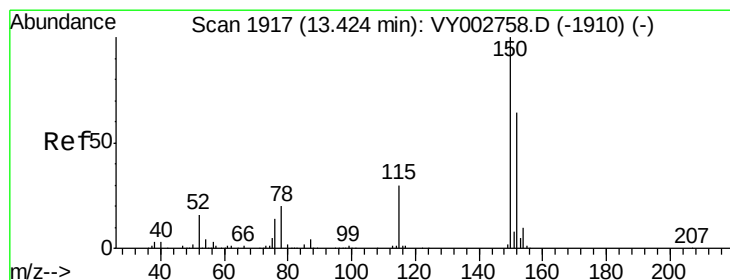
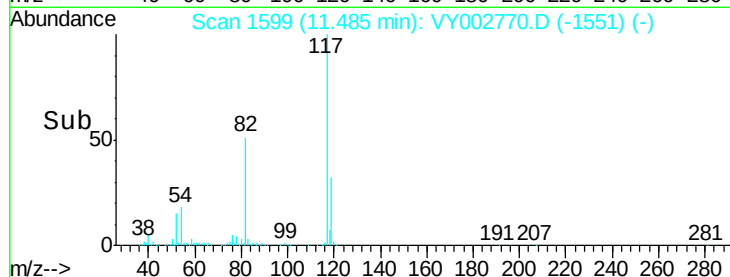
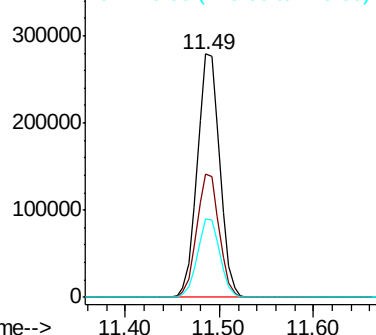
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY002770.D
Acq: 27 May 2020 17:39

Instrument :
MSVOA_Y
ClientSampleId :
ISLAND-BETWEEN-G-H-2

Tot Ion:117 Resp: 460753
Ion Ratio Lower Upper
117 100
82 50.8 40.2 60.4
119 32.1 25.8 38.8

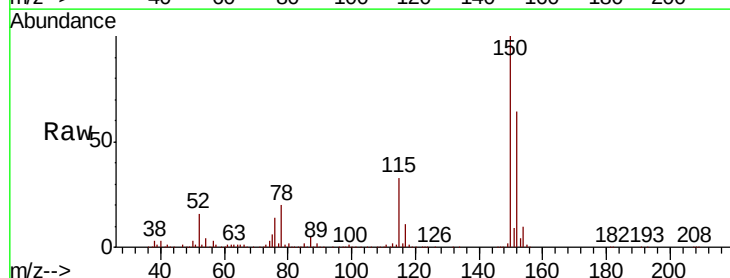


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

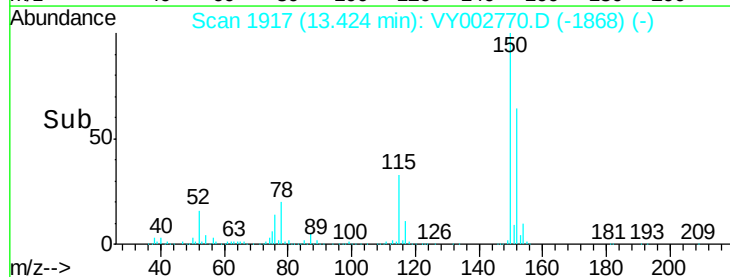
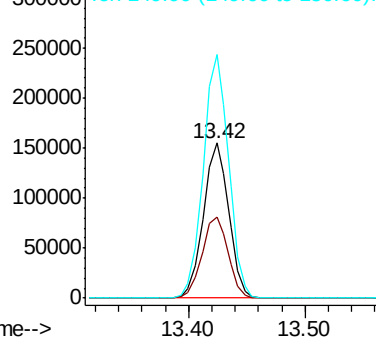


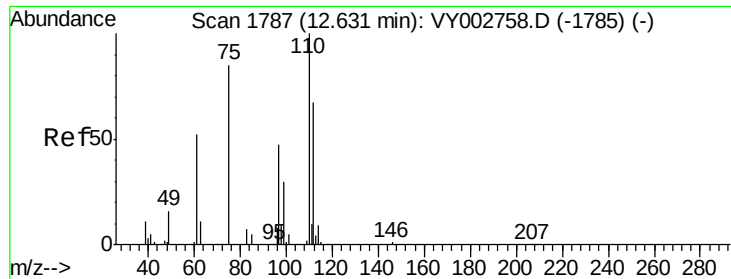
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002770.D
Acq: 27 May 2020 17:39

Tgt Ion:152 Resp: 234409
Ion Ratio Lower Upper
152 100
115 53.8 27.0 81.0
150 157.4 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: 45.108 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002770.D

Acq: 27 May 2020 17:39

Instrument :

MSVOA_Y

ClientSampleId :

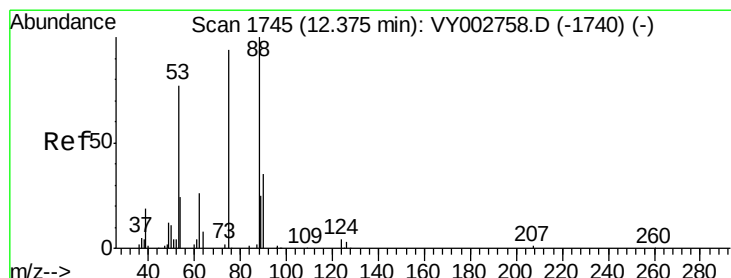
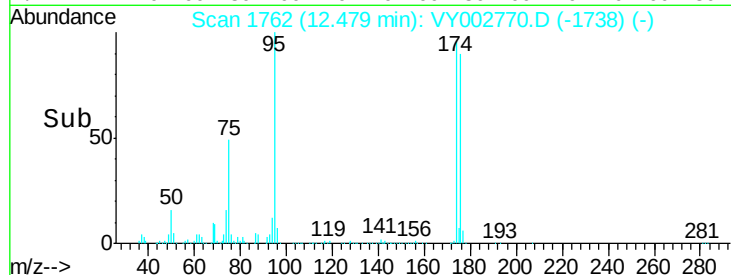
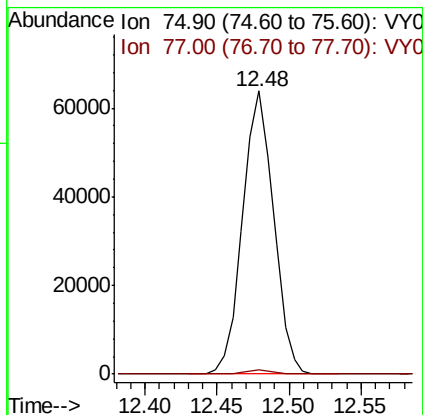
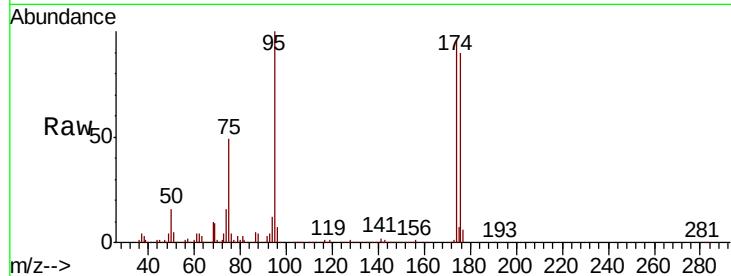
ISLAND-BETWEEN-G-H-2

Tot Ion: 75 Resp: 95277

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 84.984 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002770.D

Acq: 27 May 2020 17:39

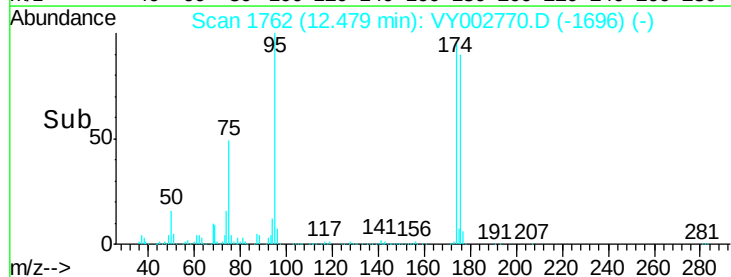
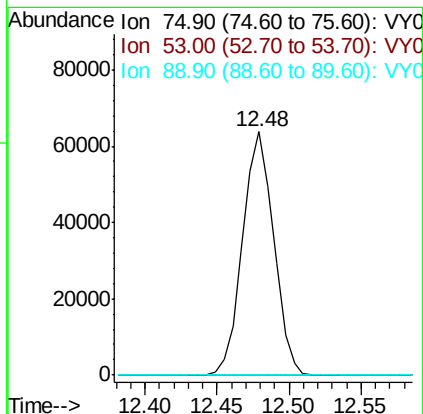
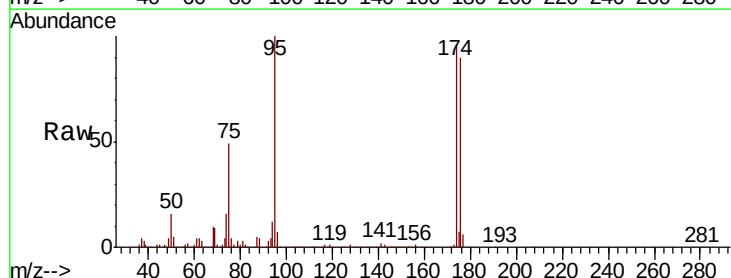
Tgt Ion: 75 Resp: 95277

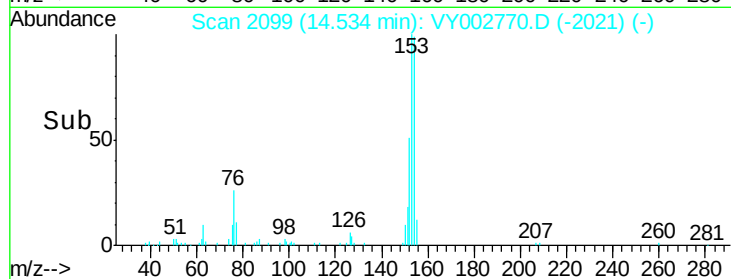
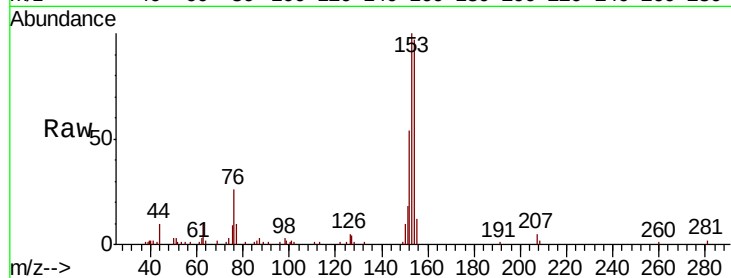
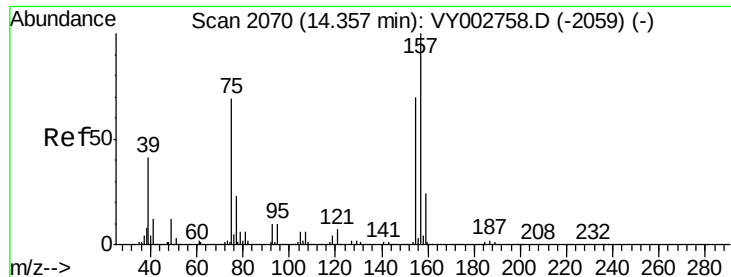
Ion Ratio Lower Upper

75 100

53 0.0 64.0 96.0#

89 0.1 37.4 56.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: 4.293 ug/l

RT: 14.53 min Scan# 2099

Delta R.T. 0.18 min

Lab File: VY002770.D

Acq: 27 May 2020 17:39

Instrument :

MSVOA_Y

ClientSampleId :

ISLAND-BETWEEN-G-H-2

Tot Ion: 75 Resp: 2177

Ion Ratio Lower Upper

75 100

155 162.5 53.5 160.5#

157 0.0 69.9 209.7#

