

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
 Data File : VY002970.D
 Acq On : 22 Jun 2020 13:47
 Operator : SY/MD
 Sample : L3046-05RE
 Misc : 7.24G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ISS-B-G2

Quant Time: Jun 23 08:11:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 20 06:39:15 2020
 Response via : Initial Calibration

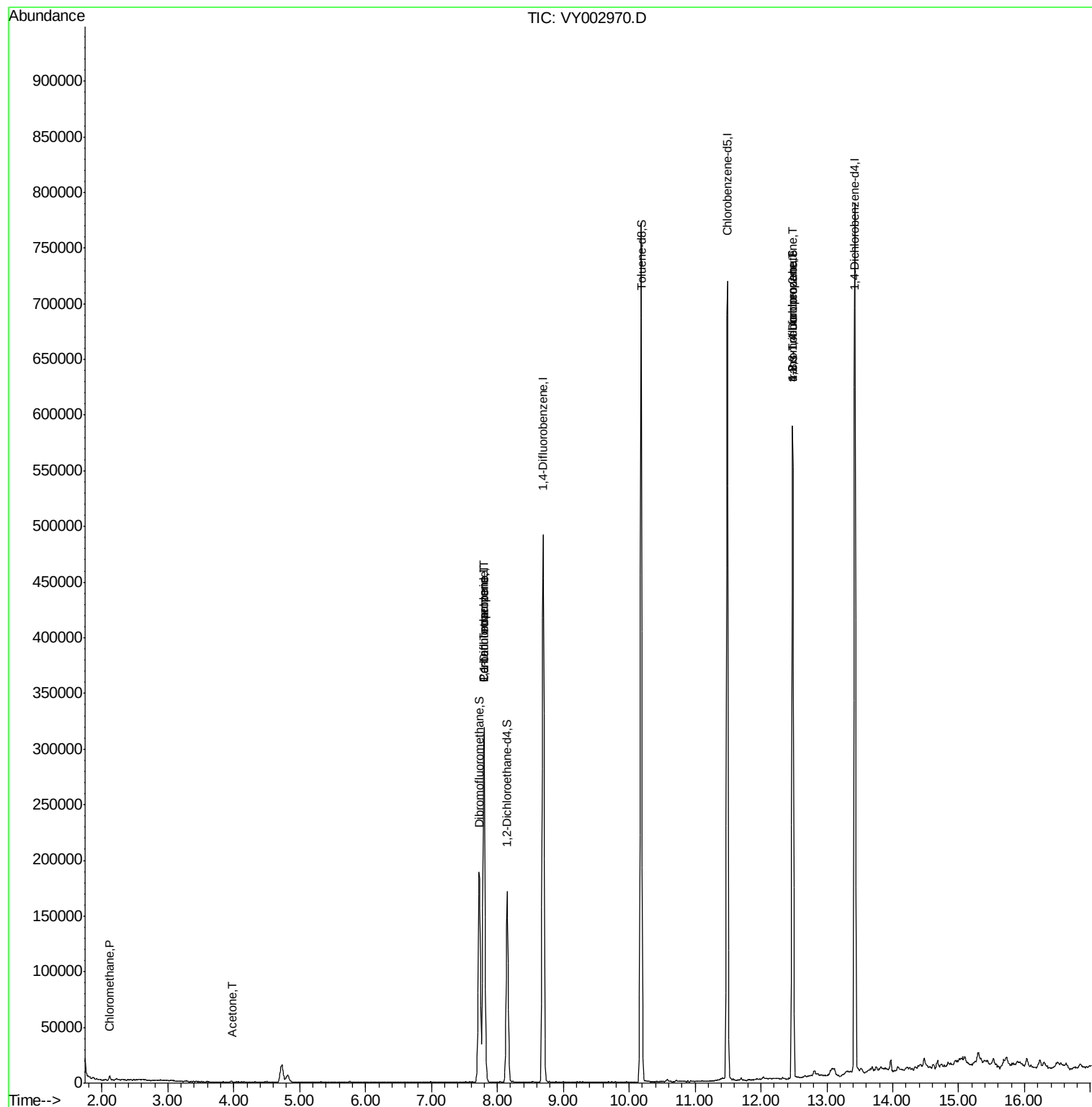
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	272513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	444311	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	421904	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	212795	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	133481	59.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.60%	
35) Dibromofluoromethane	7.72	113	138006	54.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.78%	
50) Toluene-d8	10.18	98	521421	52.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.20%	
62) 4-Bromofluorobenzene	12.48	95	185464	53.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.88%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.12	50	3158	1.601	ug/l	97
16) Acetone	3.97	43	560	1.004	ug/l #	41
18) Methyl Acetate	4.47	43	520	Below Cal	#	60
20) Methylene Chloride	4.72	84	13480	Below Cal		93
36) 1,1-Dichloropropene	7.80	75	16348	4.531	ug/l #	49
38) Carbon Tetrachloride	7.80	117	23799	5.985	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	85295	46.025	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	85295	87.871	ug/l #	16

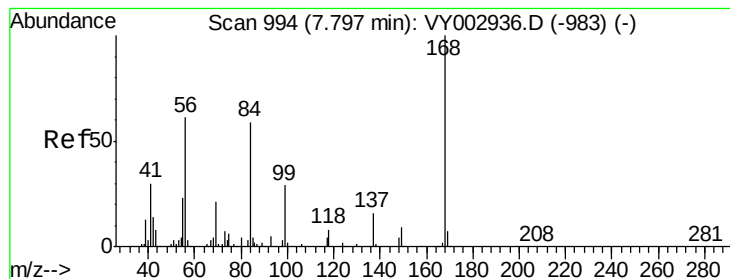
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002970.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA_Y

ClientSampleId :

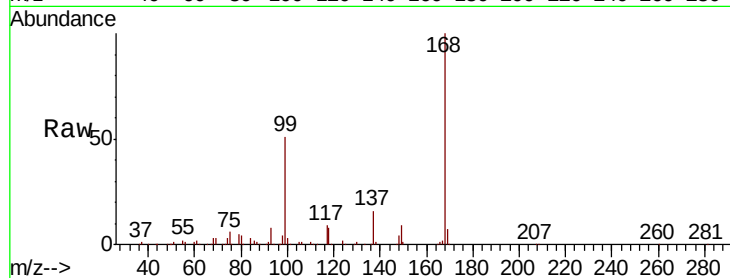
ISS-B-G2

Tot Ion:168 Resp: 272513

Ion Ratio Lower Upper

168 100

99 50.9 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) (-)

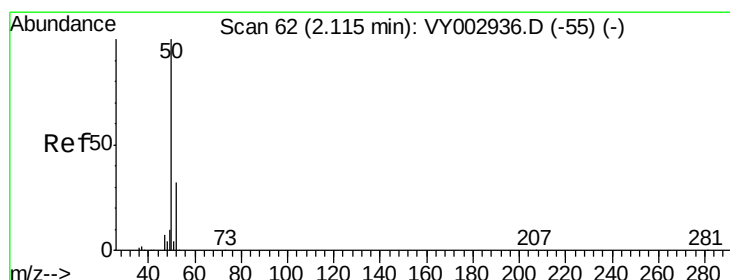
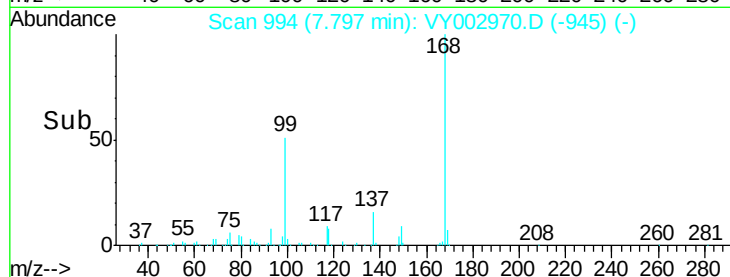
7.80

100000

50000

0

Time-->



#3

Chloromethane

Concen: 1.601 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002970.D

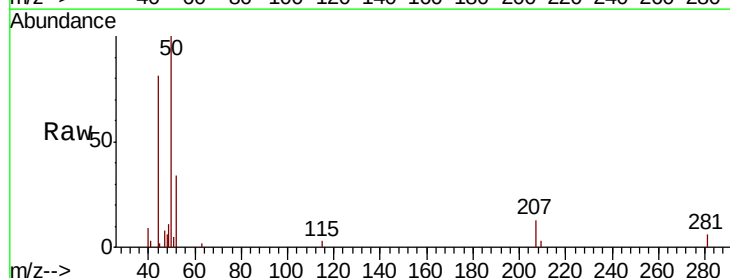
Acq: 22 Jun 2020 13:47

Tgt Ion: 50 Resp: 3158

Ion Ratio Lower Upper

50 100

52 34.1 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY002936.D (-55) (-)

Ion 51.90 (51.60 to 52.60): VY002936.D (-55) (-)

2.12

2500

2000

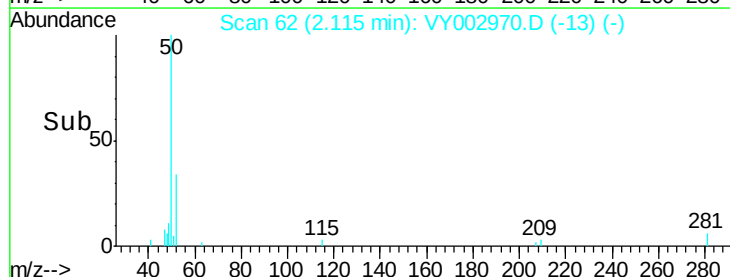
1500

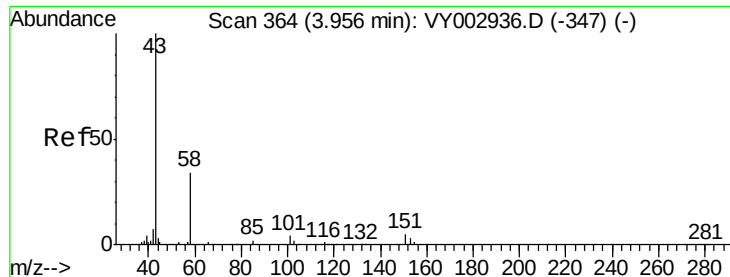
1000

500

0

Time-->





#16

Acetone

Concen: 1.004 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002970.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA_Y

ClientSampled :

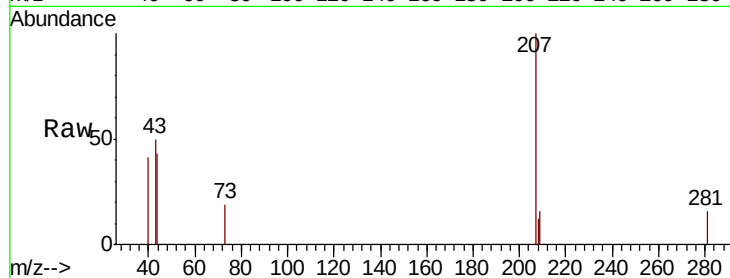
ISS-B-G2

Tot Ion: 43 Resp: 560

Ion Ratio Lower Upper

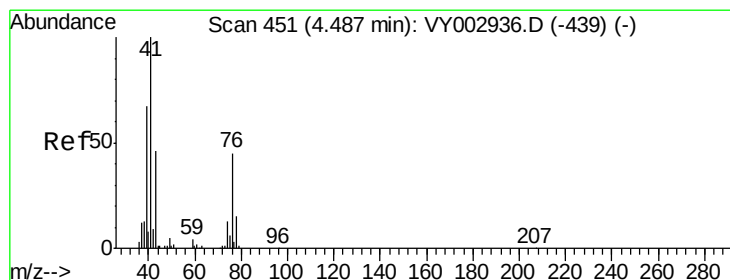
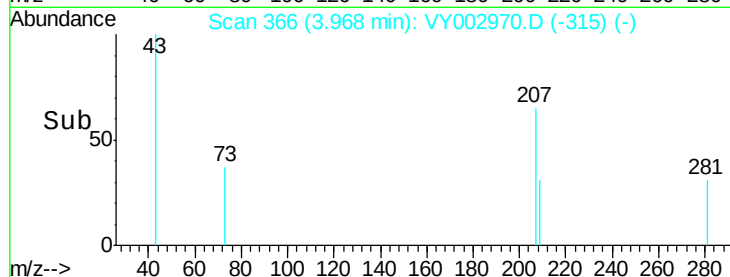
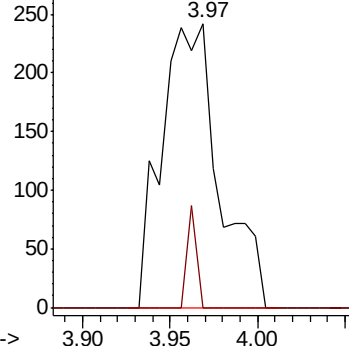
43 100

58 0.0 27.3 40.9#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.47 min Scan# 449

Delta R.T. -0.01 min

Lab File: VY002970.D

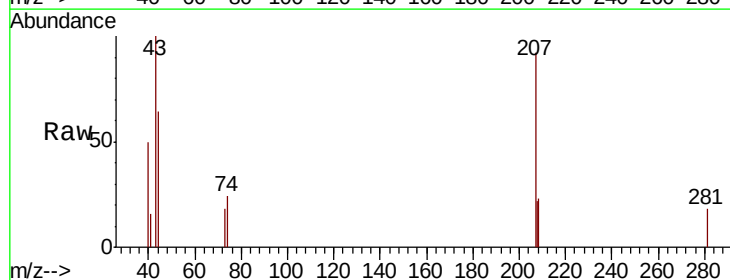
Acq: 22 Jun 2020 13:47

Tgt Ion: 43 Resp: 520

Ion Ratio Lower Upper

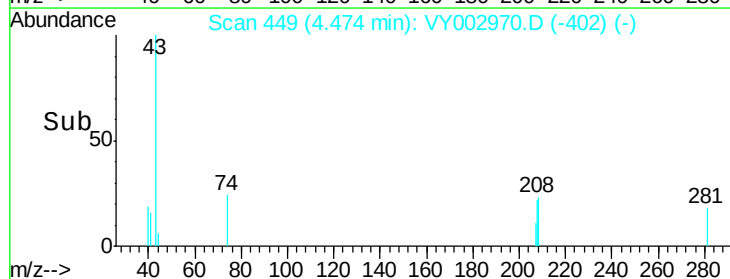
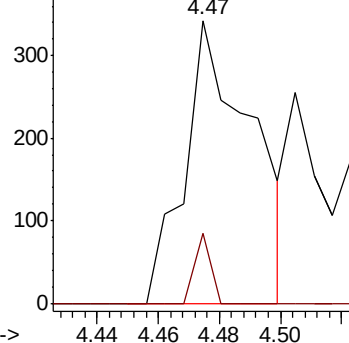
43 100

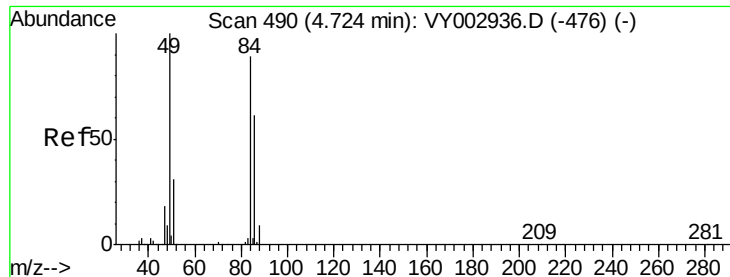
74 6.0 21.1 31.7#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

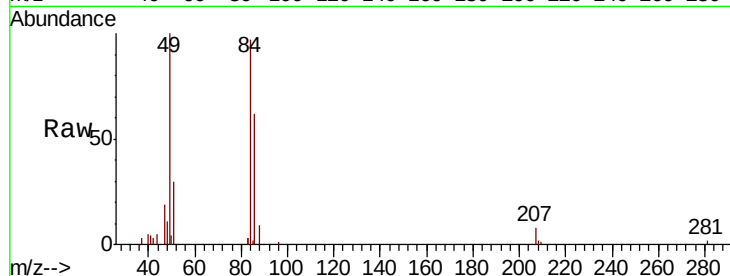




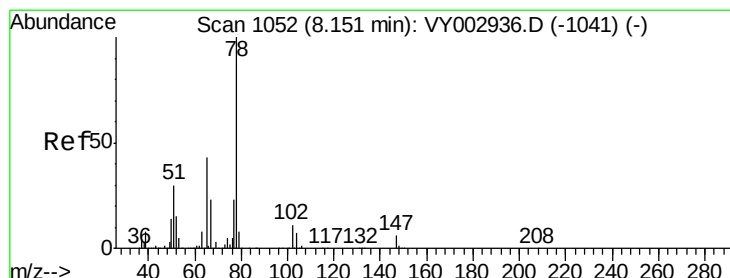
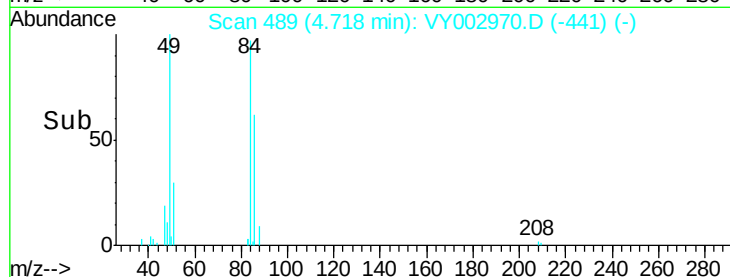
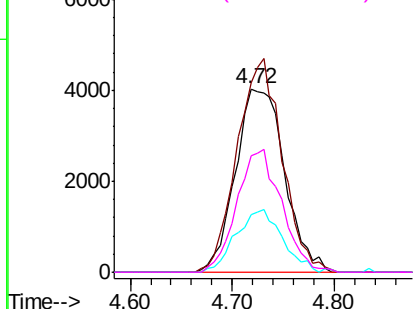
#20
Methylene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY002970.D
Acq: 22 Jun 2020 13:47

Instrument :
MSVOA_Y
ClientSampleId :
ISS-B-G2

Tot Ion: 84 Resp: 13480
Ion Ratio Lower Upper
84 100
49 103.3 90.0 135.0
51 31.5 27.9 41.9
86 63.8 54.6 81.8

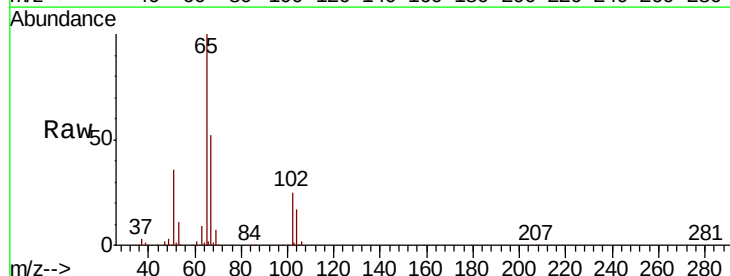


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

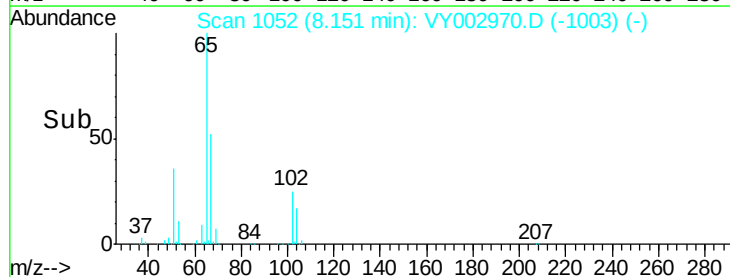
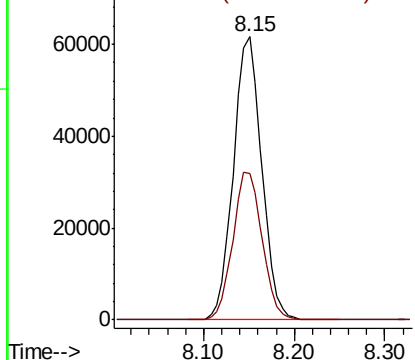


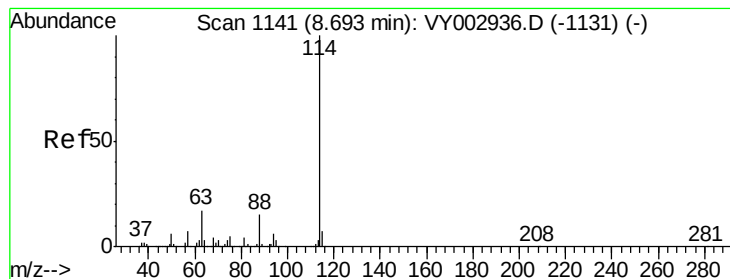
#33
1,2-Dichloroethane-d4
Concen: 59.301 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY002970.D
Acq: 22 Jun 2020 13:47

Tgt Ion: 65 Resp: 133481
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.4



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: VY002970.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA_Y

ClientSampleId :

ISS-B-G2

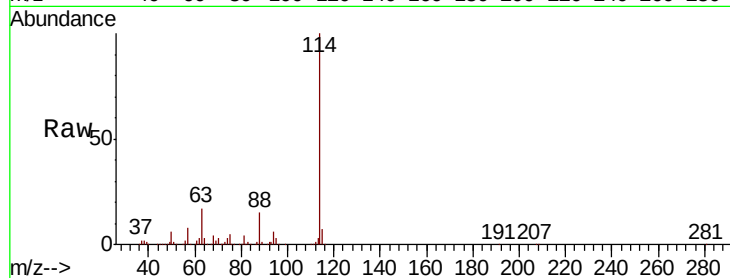
Tot Ion:114 Resp: 444311

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.6

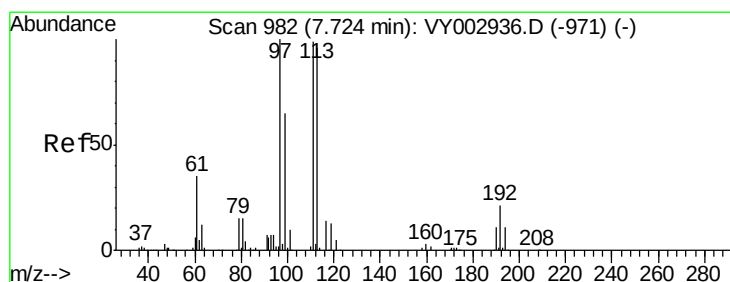
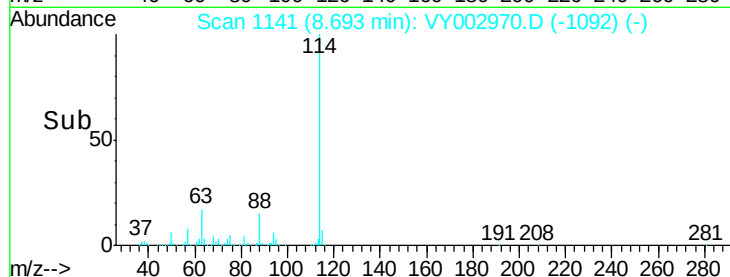
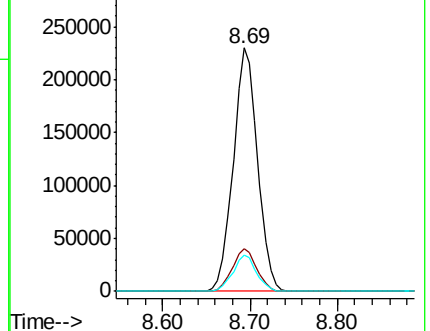
88 14.7 0.0 29.2



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: 54.895 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY002970.D

Acq: 22 Jun 2020 13:47

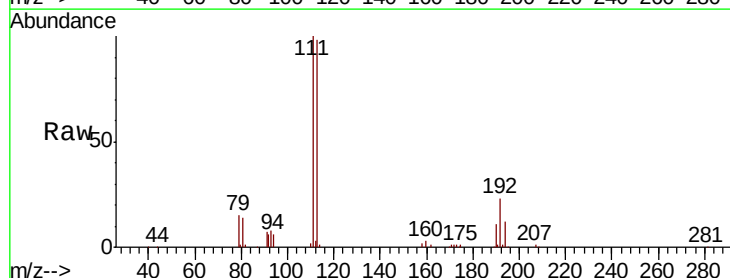
Tgt Ion:113 Resp: 138006

Ion Ratio Lower Upper

113 100

111 101.9 81.5 122.3

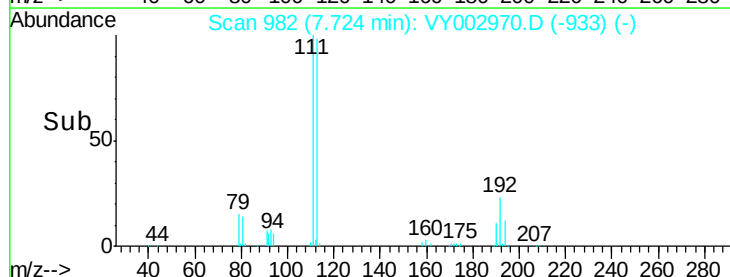
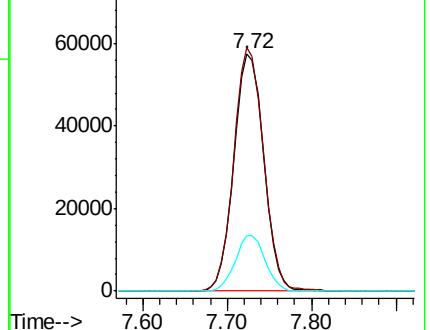
192 23.3 19.2 28.8

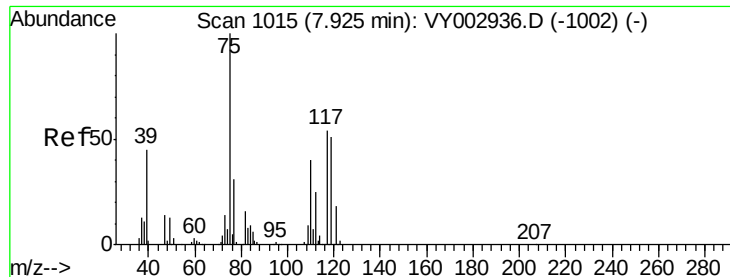


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

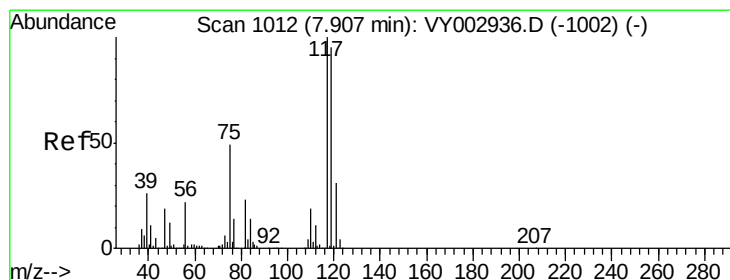
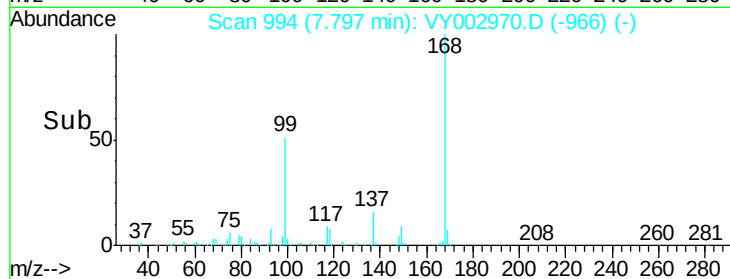
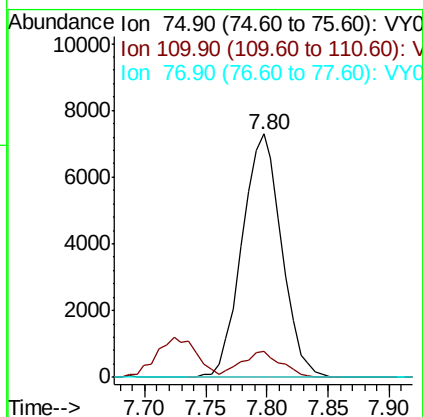
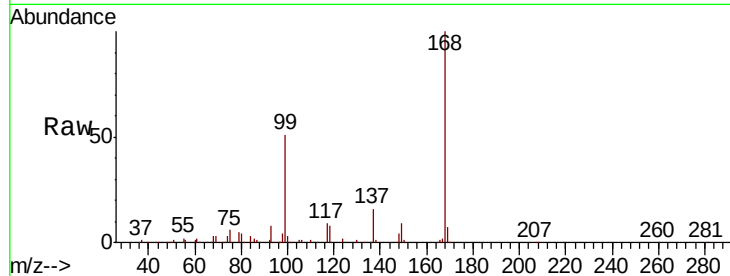




#36
 1,1-Dichloropropene
 Concen: 4.531 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY002970.D
 Acq: 22 Jun 2020 13:47

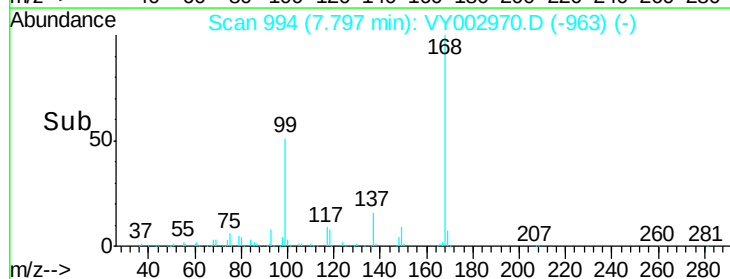
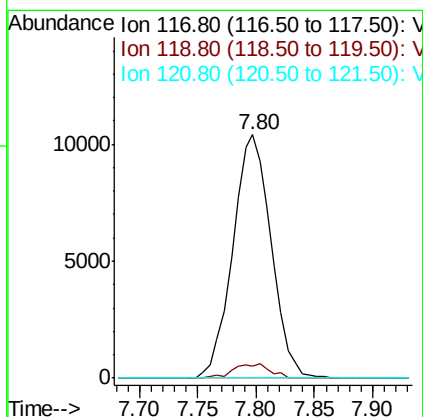
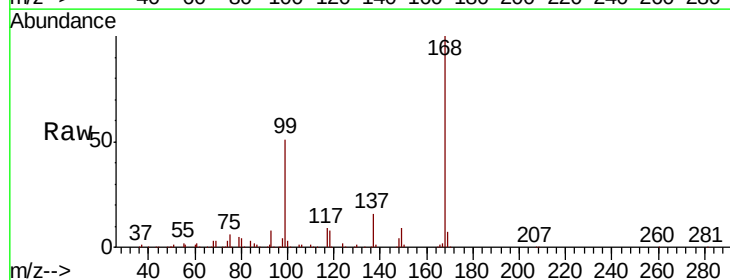
Instrument :
 MSVOA_Y
 ClientSampleId :
 ISS-B-G2

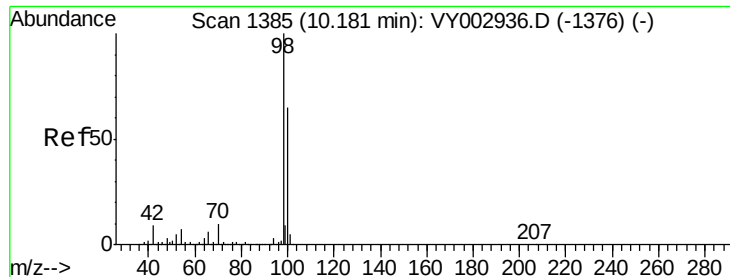
Tot Ion	75	110	77	Resp	16348	Lower	Upper
Ratio	100	10.8	0.0				
		19.7	25.0				
		59.0#	37.4#				



#38
 Carbon Tetrachloride
 Concen: 5.985 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY002970.D
 Acq: 22 Jun 2020 13:47

Tgt Ion	117	119	121	Resp	23799	Lower	Upper
Ratio	100	4.8	0.0				
		76.1	24.8				
		114.1#	37.2#				

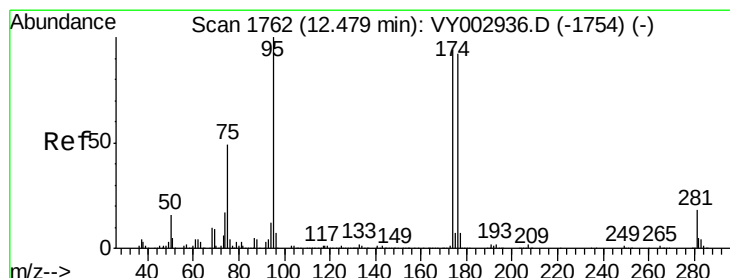
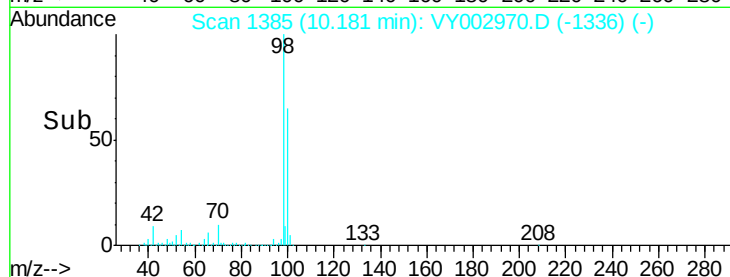
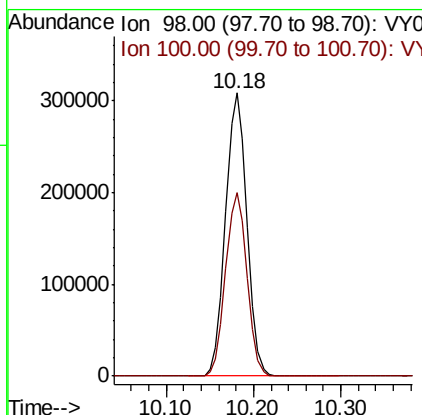
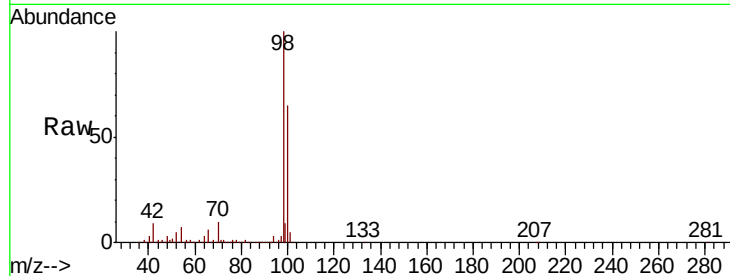




#50
Toluene-d8
Concen: 52.602 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002970.D
Acq: 22 Jun 2020 13:47

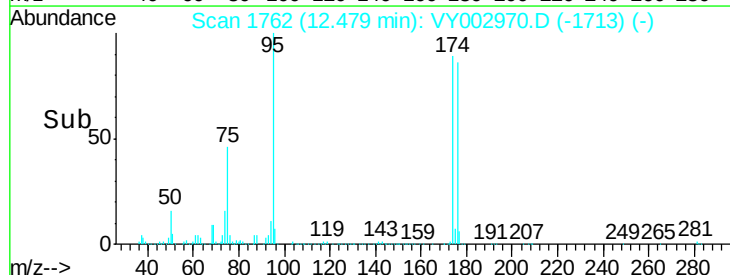
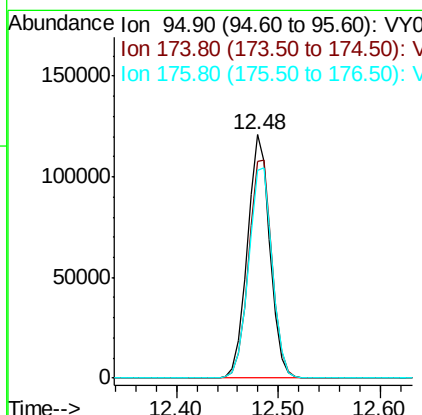
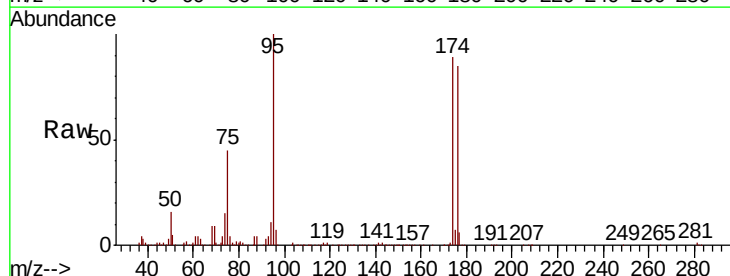
Instrument :
MSVOA_Y
ClientSampleId :
ISS-B-G2

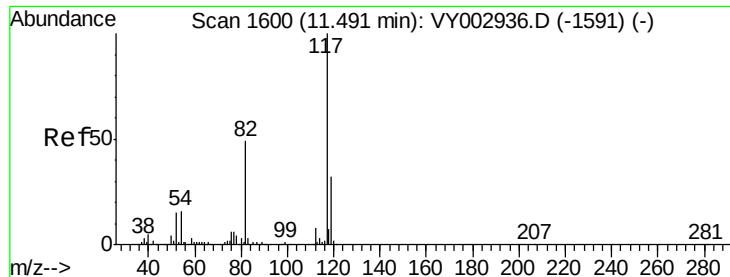
Tot Ion: 98 Resp: 521421
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 53.938 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY002970.D
Acq: 22 Jun 2020 13:47

Tgt Ion: 95 Resp: 185464
Ion Ratio Lower Upper
95 100
174 93.7 0.0 191.2
176 90.7 0.0 186.0

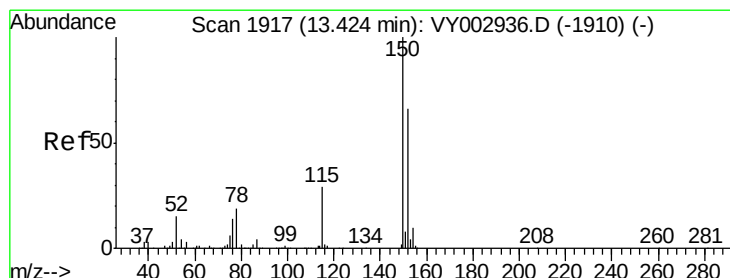
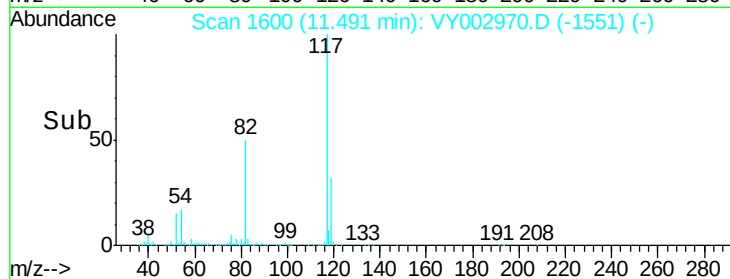
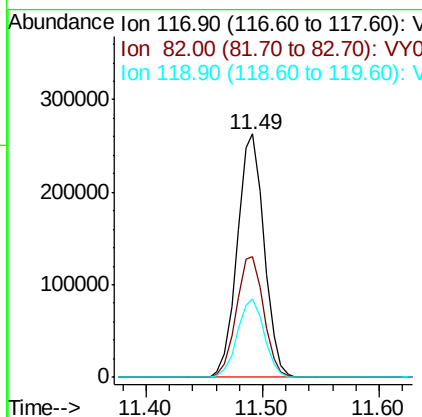
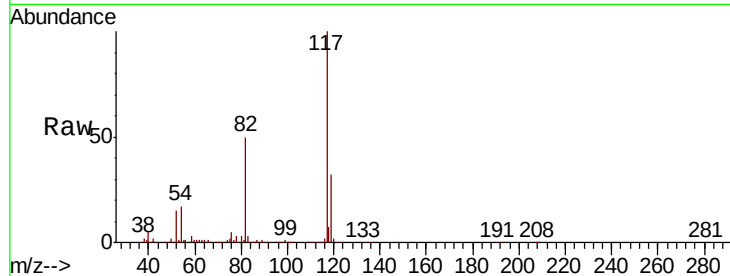




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002970.D
Acq: 22 Jun 2020 13:47

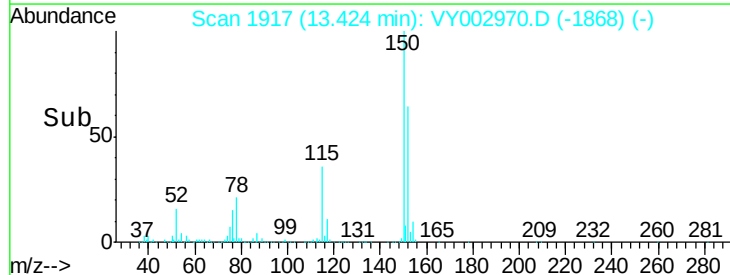
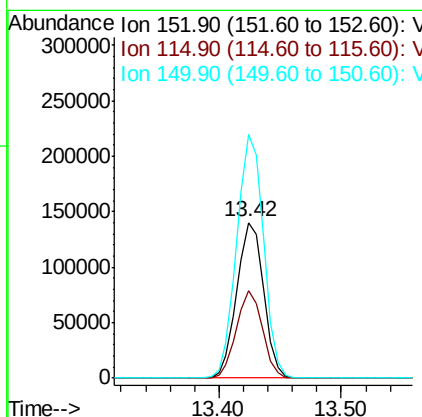
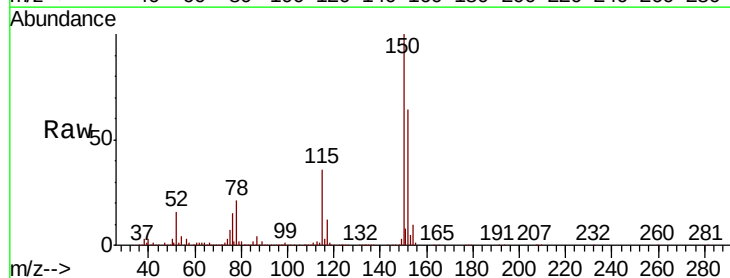
Instrument :
MSVOA_Y
ClientSampleId :
ISS-B-G2

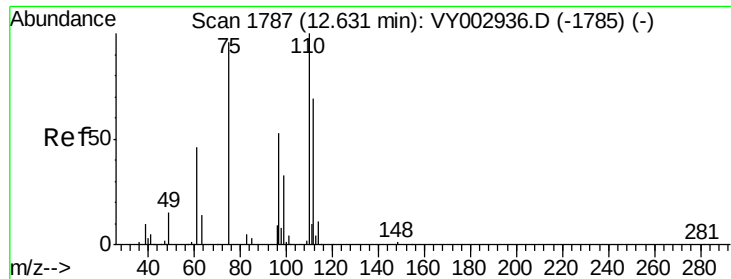
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.6	39.4	59.0
119	32.2	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002970.D
Acq: 22 Jun 2020 13:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.6	26.9	80.6
150	156.1	0.0	341.8





#76

1,2,3-Trichloropropane

Concen: 46.025 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002970.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA_Y

ClientSampled :

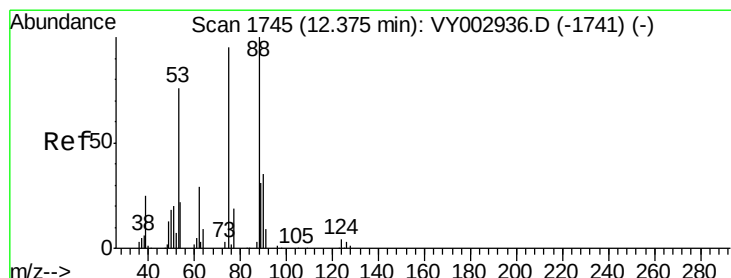
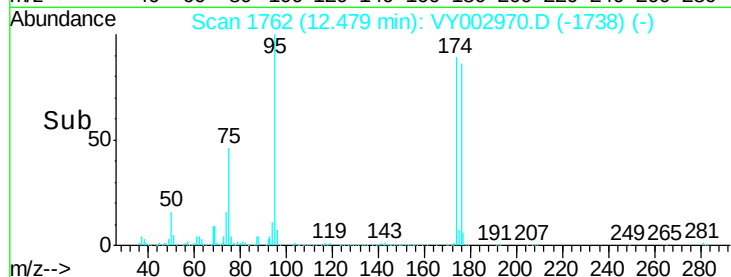
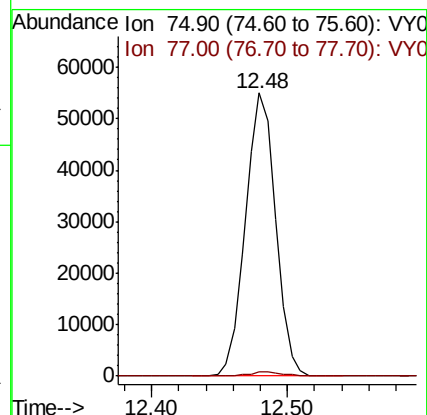
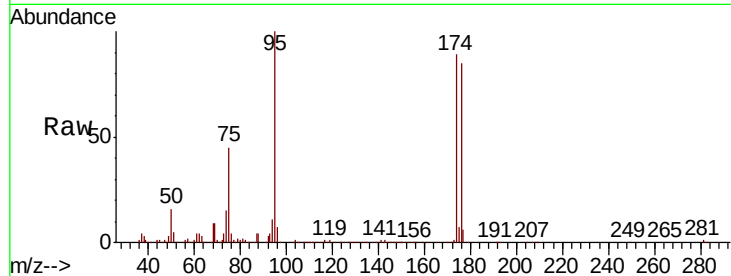
ISS-B-G2

Tot Ion: 75 Resp: 85295

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 87.871 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002970.D

Acq: 22 Jun 2020 13:47

Tgt Ion: 75 Resp: 85295

Ion Ratio Lower Upper

75 100

53 0.0 65.1 97.7#

89 0.0 38.4 57.6#

