

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
 Data File : VY002973.D
 Acq On : 22 Jun 2020 14:58
 Operator : SY/MD
 Sample : L3046-09RE
 Misc : 8.23G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ISS-C-G3

Quant Time: Jun 23 08:12:32 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

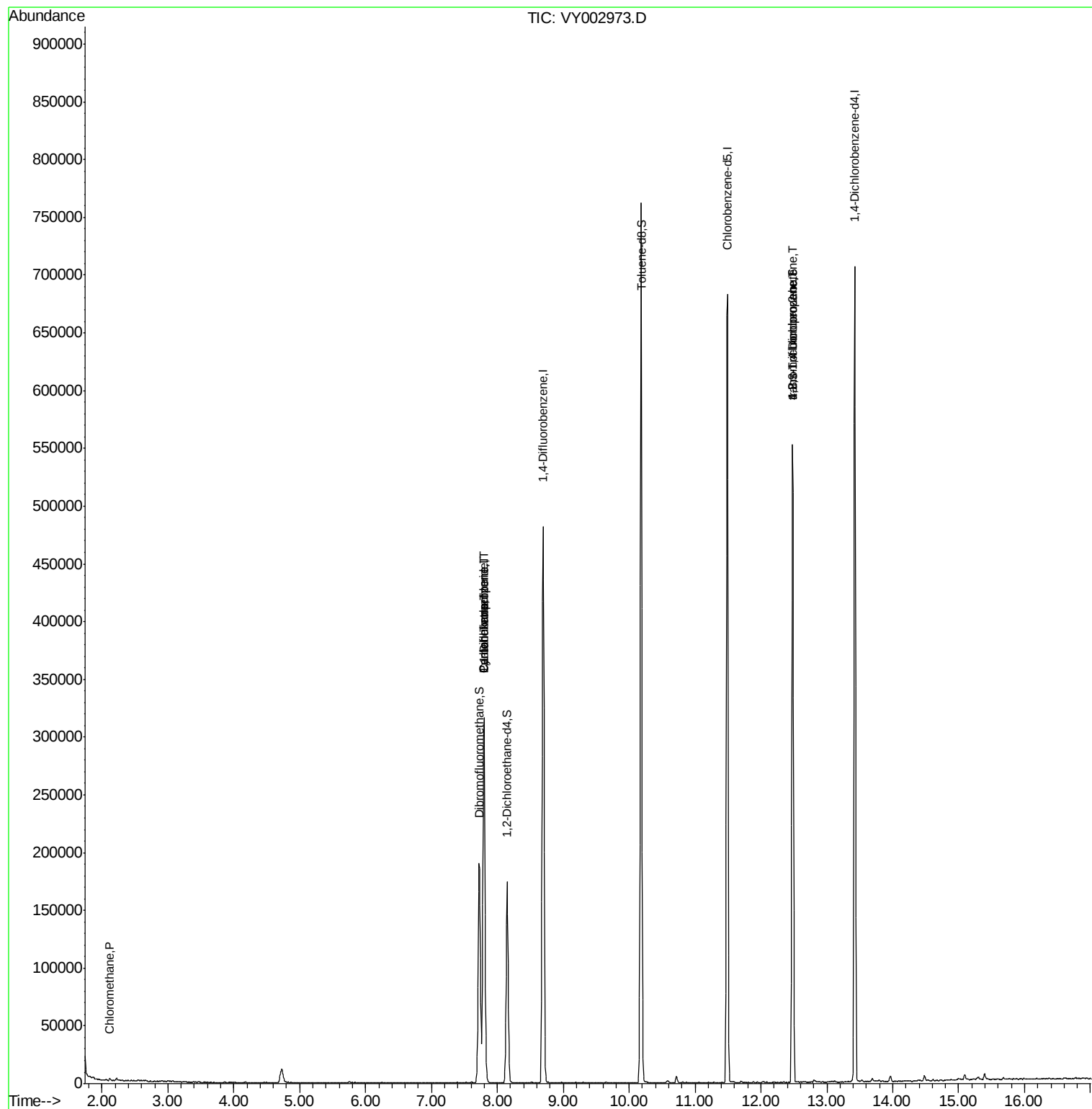
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	269363	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	438534	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	408480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	191337	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	132164	59.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.80%	
35) Dibromofluoromethane	7.72	113	137040	55.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.46%	
50) Toluene-d8	10.18	98	512488	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
62) 4-Bromofluorobenzene	12.48	95	172649	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
Target Compounds						
3) Chloromethane	2.12	50	1952	1.001	ug/l	92
18) Methyl Acetate	4.49	43	762	Below Cal	#	60
20) Methylene Chloride	4.72	84	9856	Below Cal		95
31) Cyclohexane	7.80	56	3850	1.008	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	15996	4.491	ug/l #	47
38) Carbon Tetrachloride	7.80	117	24043	6.126	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	80869	48.531	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	80869	92.655	ug/l #	16

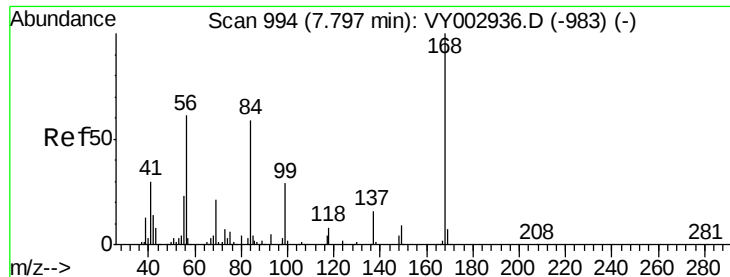
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 20 06:39:15 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: VY002973.D

Acq: 22 Jun 2020 14:58

Instrument :

MSVOA_Y

ClientSampleId :

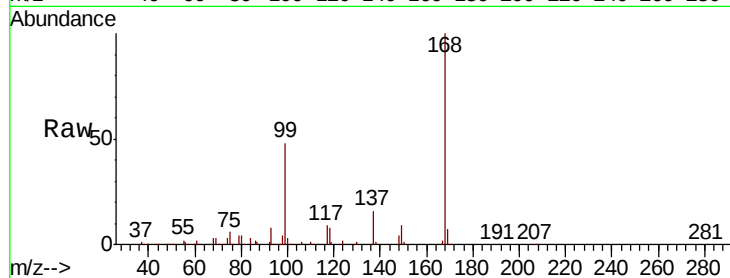
ISS-C-G3

Tot Ion:168 Resp: 269363

Ion Ratio Lower Upper

168 100

99 47.7 39.5 59.3



Abundance Ion 167.90 (167.60 to 168.60): VY002973.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002973.D (-945) (-)

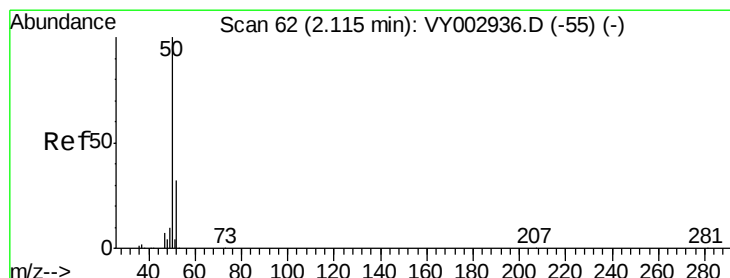
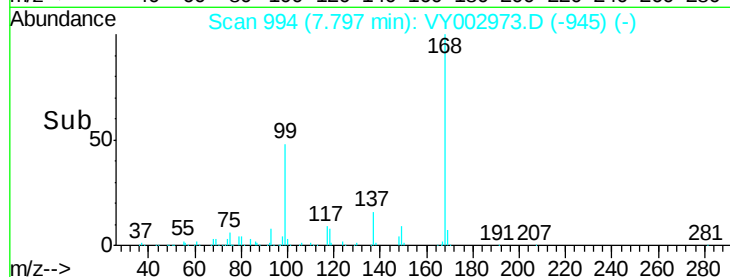
7.80

100000

50000

0

Time-->



#3

Chloromethane

Concen: 1.001 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY002973.D

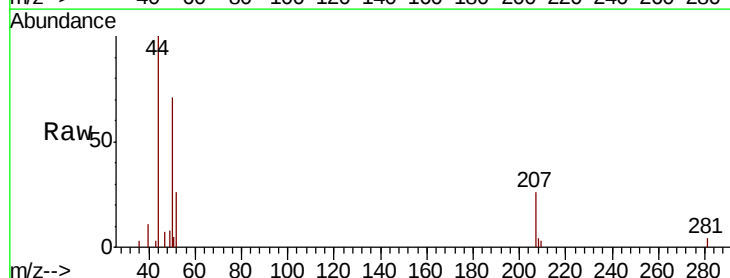
Acq: 22 Jun 2020 14:58

Tgt Ion: 50 Resp: 1952

Ion Ratio Lower Upper

50 100

52 36.6 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY002973.D (-13) (-)

Ion 51.90 (51.60 to 52.60): VY002973.D (-13) (-)

2.12

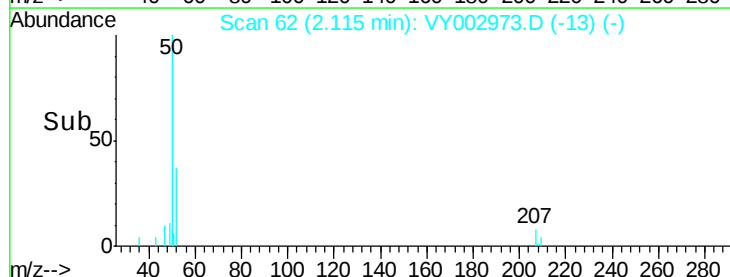
1500

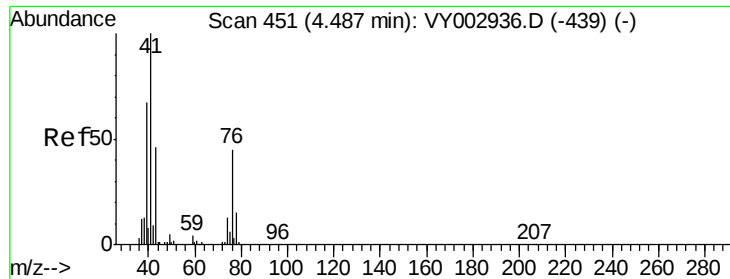
1000

500

0

Time-->

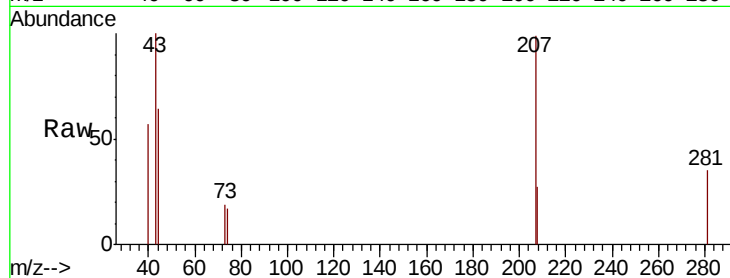




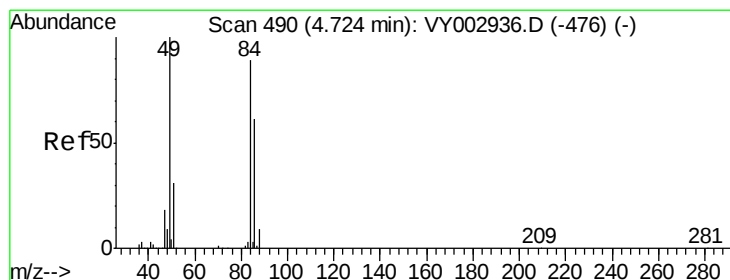
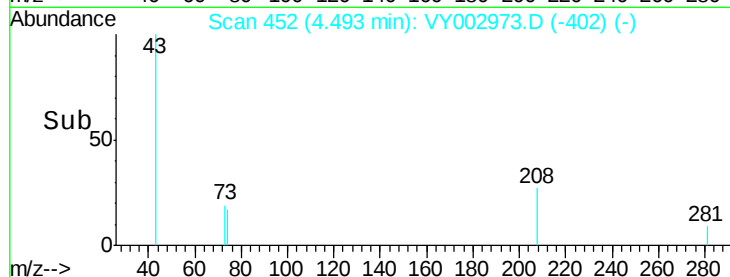
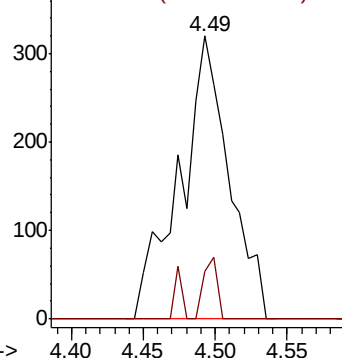
#18
Methyl Acetate
Concen: Below Cal
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY002973.D
Acq: 22 Jun 2020 14:58

Instrument :
MSVOA_Y
ClientSampleId :
ISS-C-G3

Tot Ion: 43 Resp: 762
Ion Ratio Lower Upper
43 100
74 5.9 21.1 31.7#

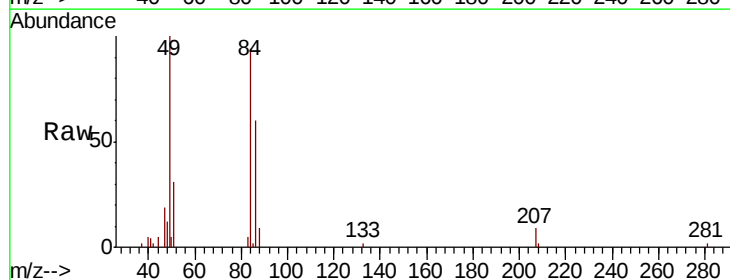


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 74.00 (73.70 to 74.70): VY0

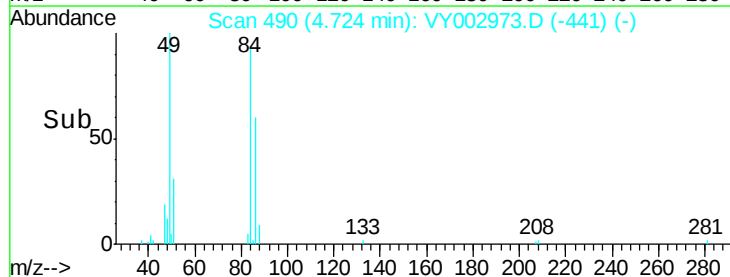
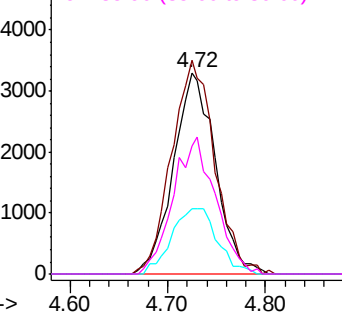


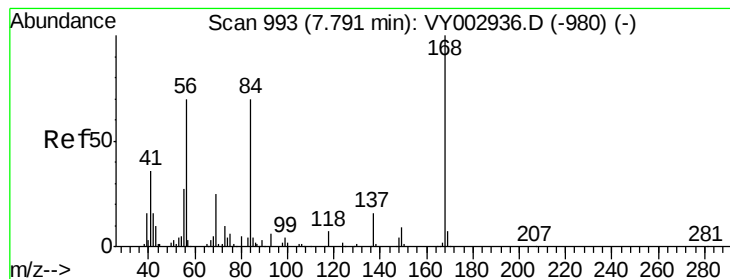
#20
Methylene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002973.D
Acq: 22 Jun 2020 14:58

Tgt Ion: 84 Resp: 9856
Ion Ratio Lower Upper
84 100
49 106.2 90.0 135.0
51 32.8 27.9 41.9
86 63.6 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





#31

Cyclohexane

Concen: 1.008 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY002973.D

Acq: 22 Jun 2020 14:58

Instrument :

MSVOA_Y

ClientSampleId :

ISS-C-G3

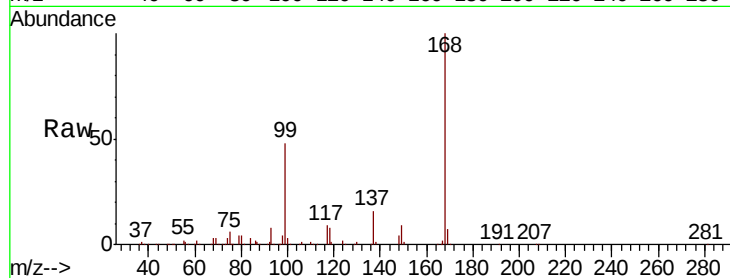
Tot Ion: 56 Resp: 3850

Ion Ratio Lower Upper

56 100

69 204.1 28.9 43.3#

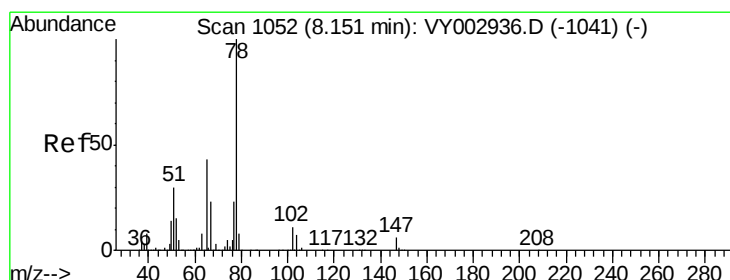
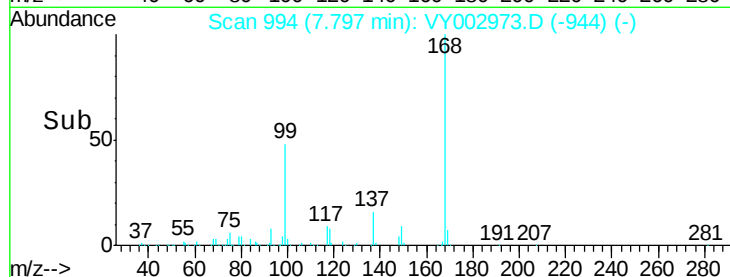
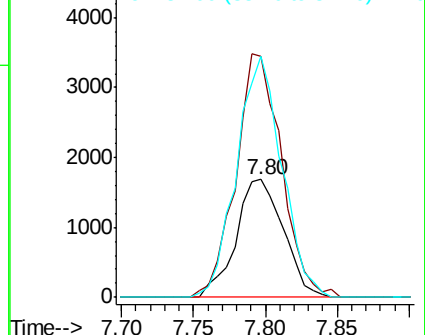
84 204.3 80.1 120.1#



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: 59.402 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY002973.D

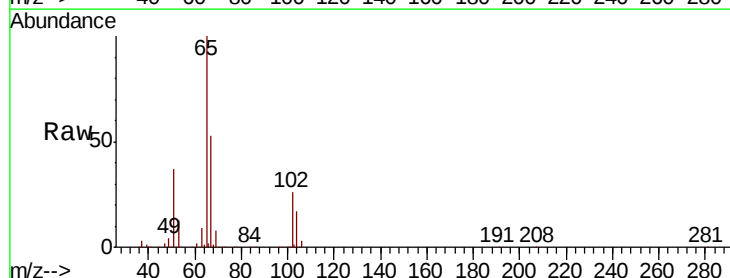
Acq: 22 Jun 2020 14:58

Tgt Ion: 65 Resp: 132164

Ion Ratio Lower Upper

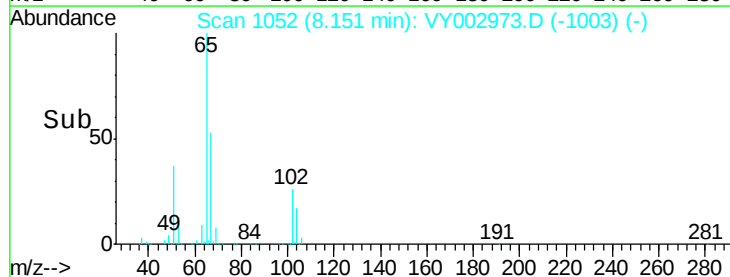
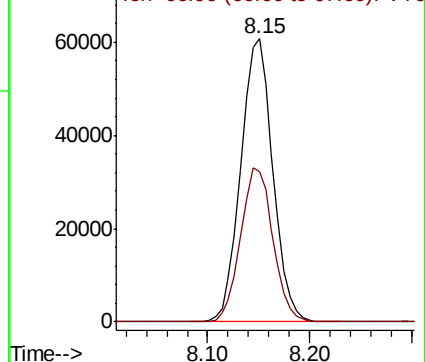
65 100

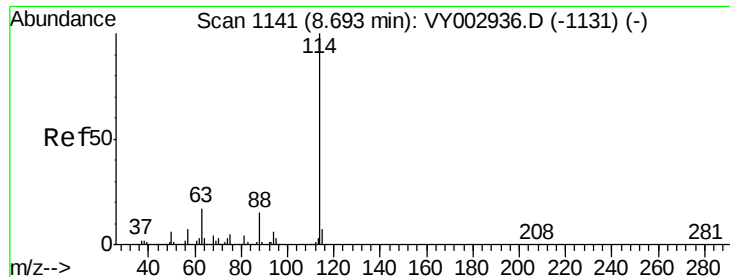
67 54.9 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

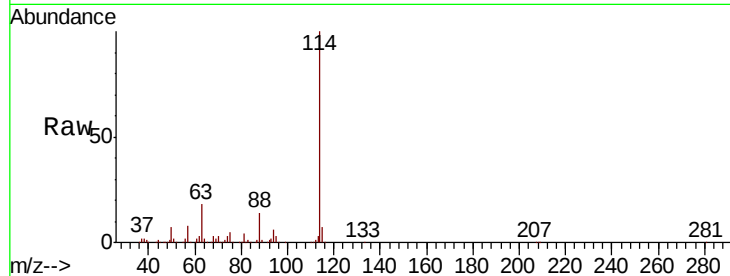




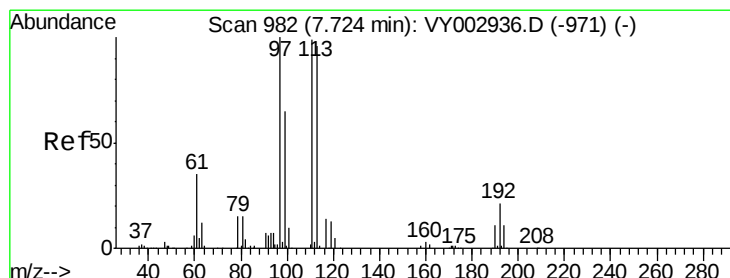
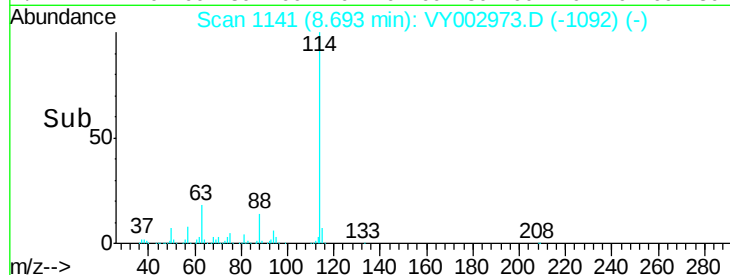
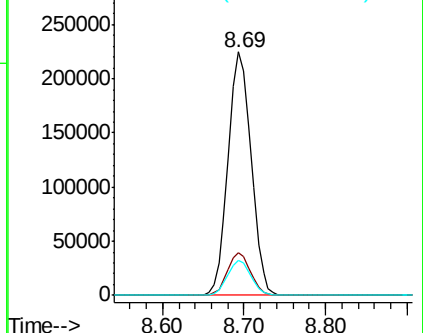
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002973.D
 Acq: 22 Jun 2020 14:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 ISS-C-G3

Tot Ion:114 Resp: 438534
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 34.6
 88 14.3 0.0 29.2

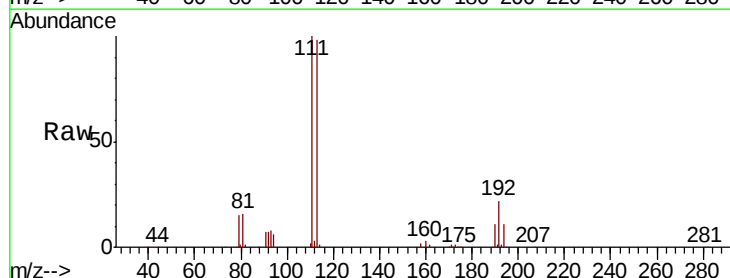


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

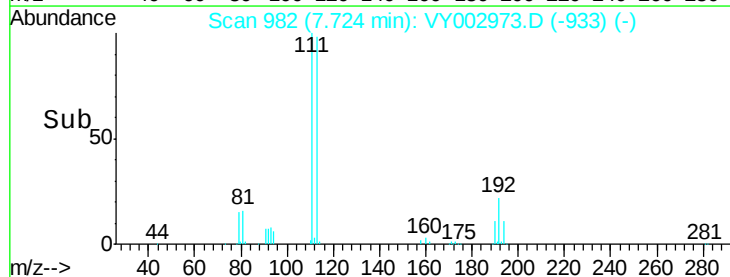
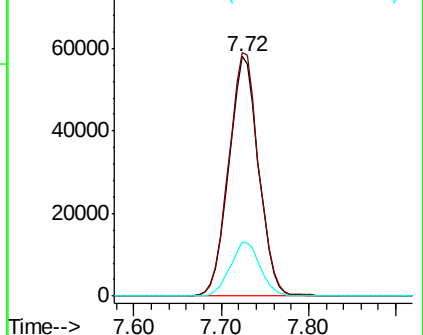


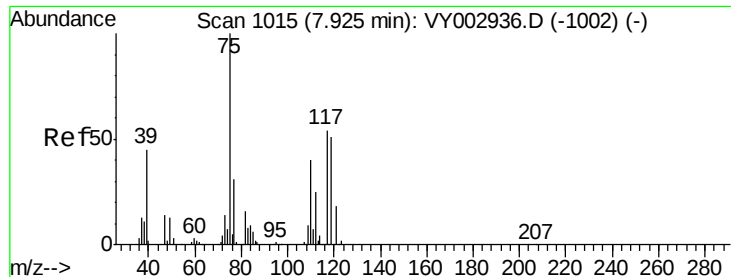
#35
 Dibromofluoromethane
 Concen: 55.228 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY002973.D
 Acq: 22 Jun 2020 14:58

Tgt Ion:113 Resp: 137040
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.5 122.3
 192 22.8 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: 4.491 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY002973.D

Acq: 22 Jun 2020 14:58

Instrument :

MSVOA_Y

ClientSampleId :

ISS-C-G3

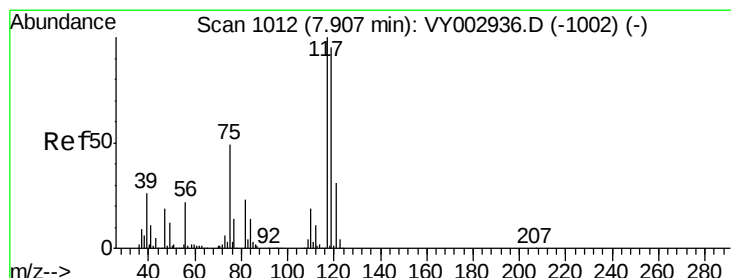
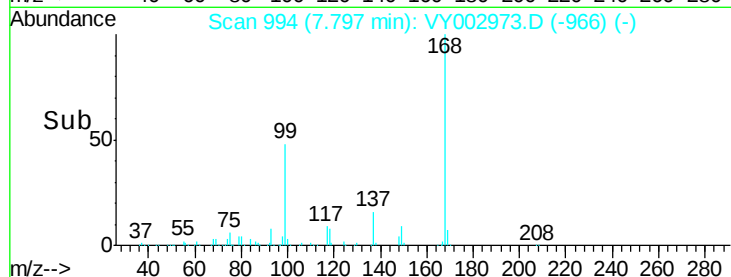
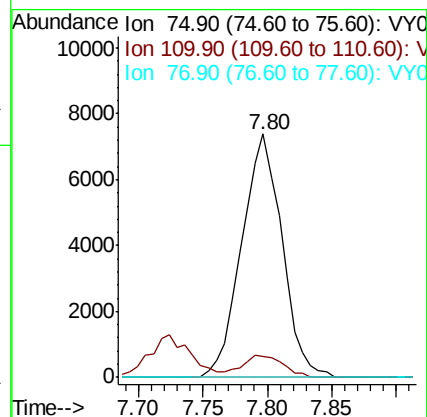
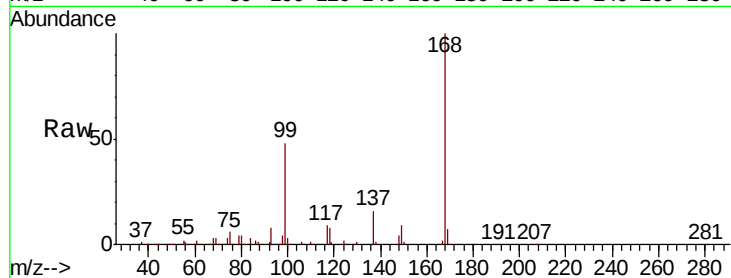
Tot Ion: 75 Resp: 15996

Ion Ratio Lower Upper

75 100

110 9.0 19.7 59.0#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.126 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY002973.D

Acq: 22 Jun 2020 14:58

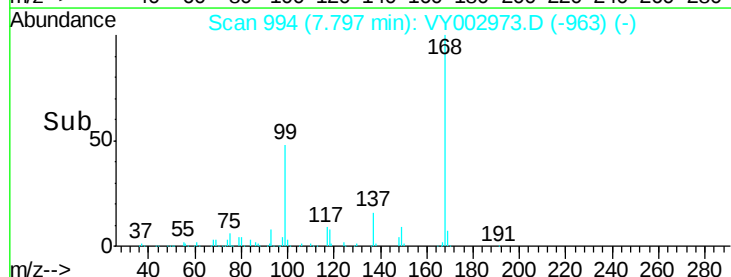
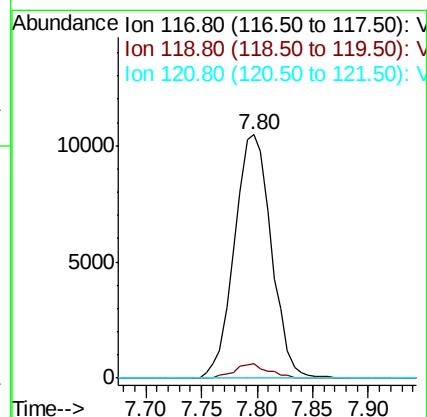
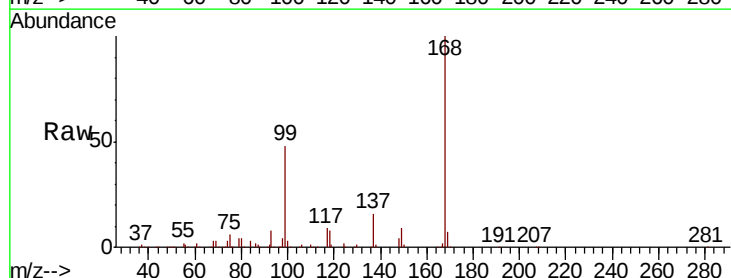
Tgt Ion: 117 Resp: 24043

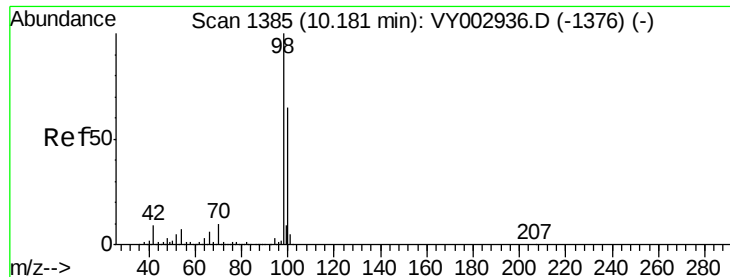
Ion Ratio Lower Upper

117 100

119 6.1 76.1 114.1#

121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 52.382 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY002973.D

Acq: 22 Jun 2020 14:58

Instrument :

MSVOA_Y

ClientSampleId :

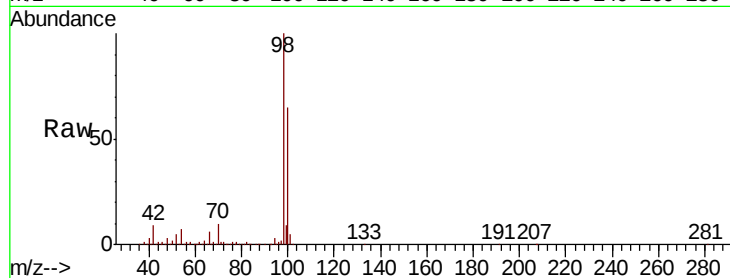
ISS-C-G3

Tot Ion: 98 Resp: 512488

Ion Ratio Lower Upper

98 100

100 65.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VY002973.D (-1376) (-)

Ion 100.00 (99.70 to 100.70): VY002973.D (-1376) (-)

10.18

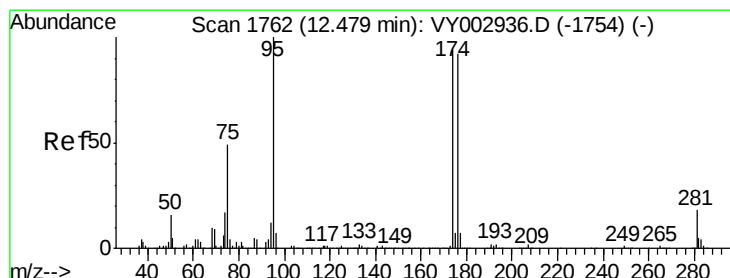
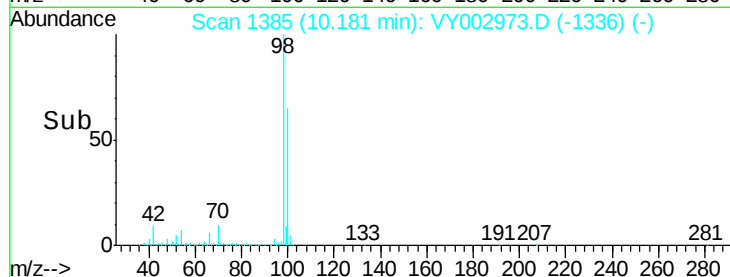
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.873 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY002973.D

Acq: 22 Jun 2020 14:58

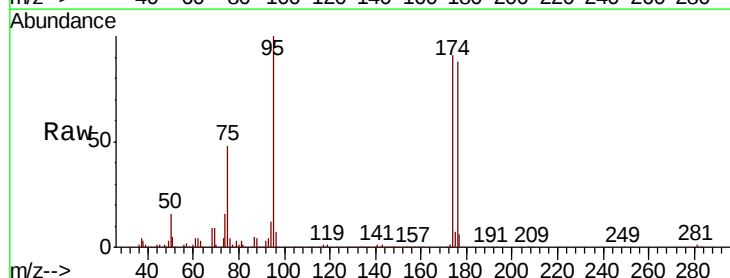
Tgt Ion: 95 Resp: 172649

Ion Ratio Lower Upper

95 100

174 93.9 0.0 191.2

176 90.9 0.0 186.0



Abundance Ion 94.90 (94.60 to 95.60): VY002973.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY002973.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY002973.D (-1713) (-)

12.48

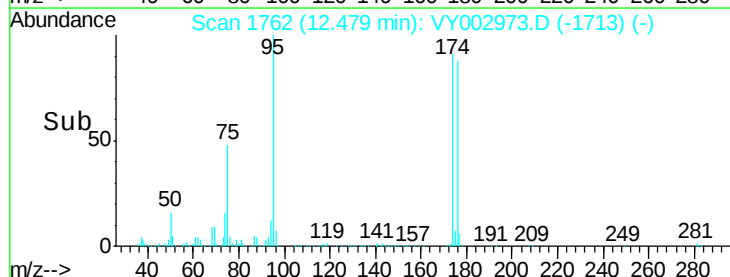
150000

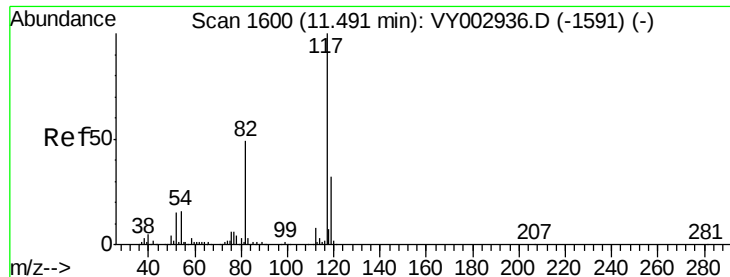
100000

50000

0

Time-->

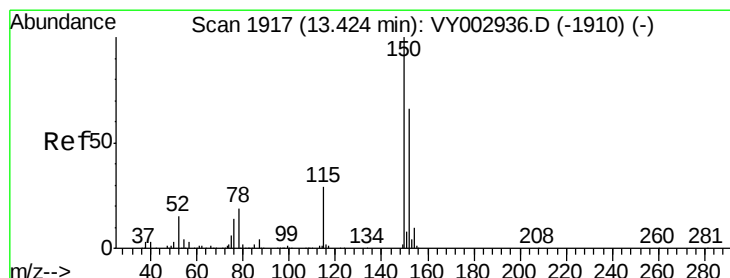
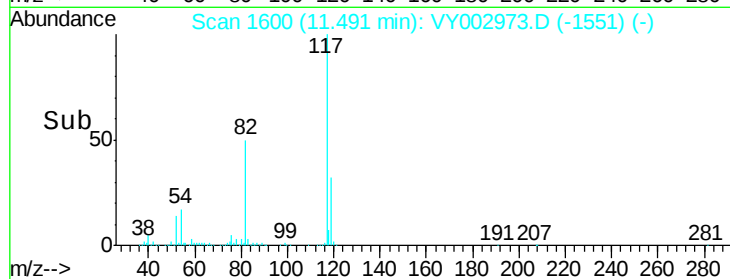
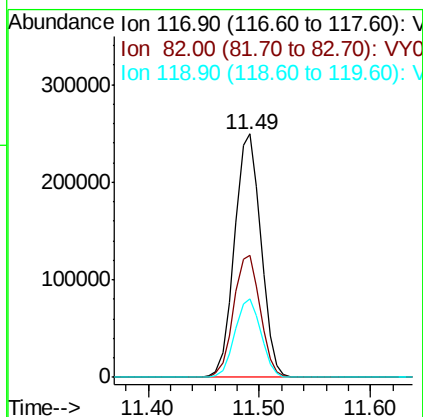
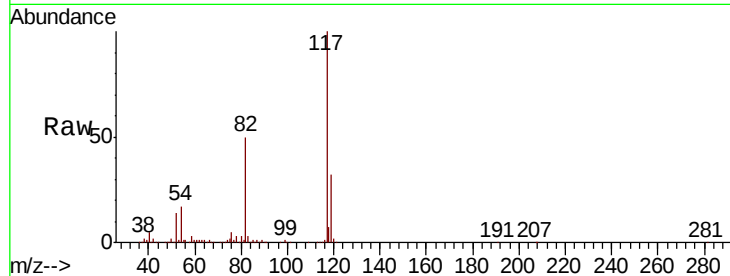




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002973.D
Acq: 22 Jun 2020 14:58

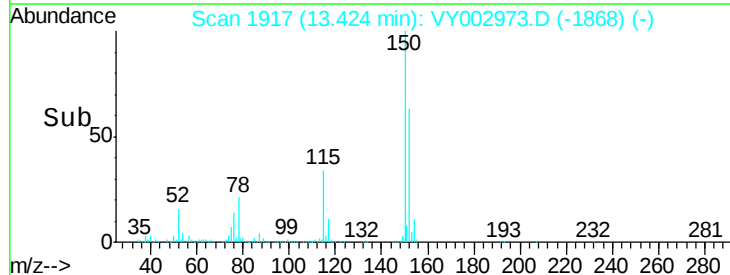
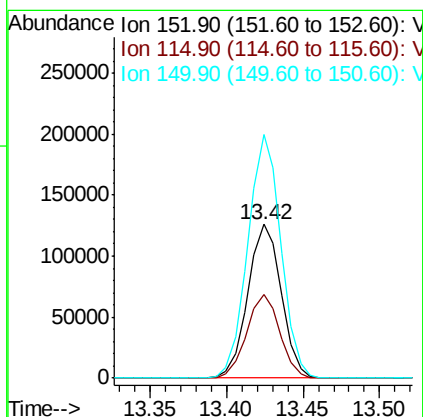
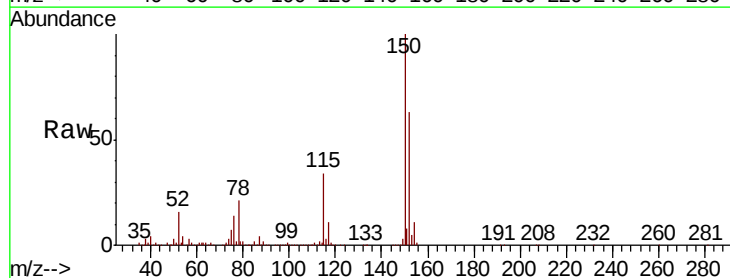
Instrument :
MSVOA_Y
ClientSampleId :
ISS-C-G3

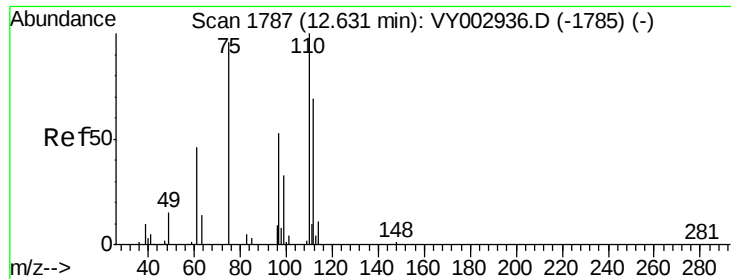
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.0	39.4	59.0
119	32.2	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY002973.D
Acq: 22 Jun 2020 14:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.9	26.9	80.6
150	156.7	0.0	341.8





#76

1,2,3-Trichloropropane

Concen: 48.531 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002973.D

Acq: 22 Jun 2020 14:58

Instrument :

MSVOA_Y

ClientSampled :

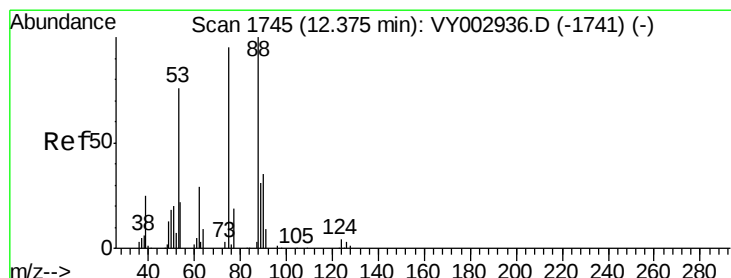
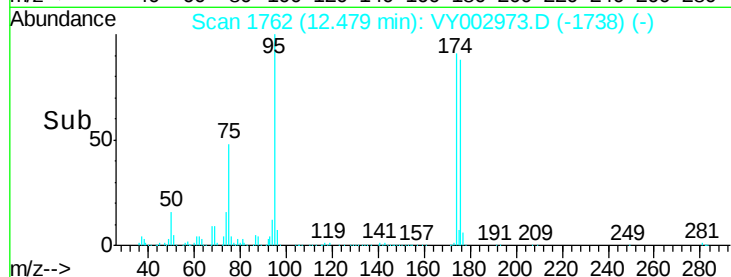
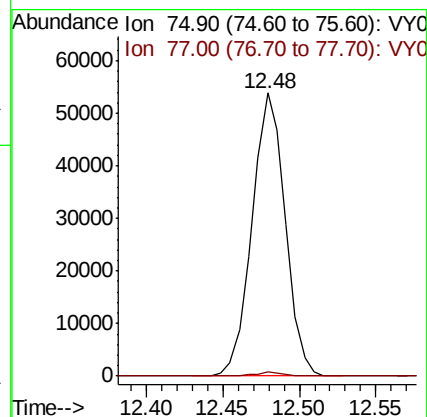
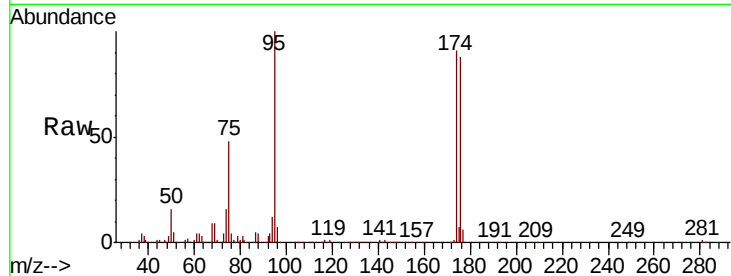
ISS-C-G3

Tot Ion: 75 Resp: 80869

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 92.655 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002973.D

Acq: 22 Jun 2020 14:58

Tgt Ion: 75 Resp: 80869

Ion Ratio Lower Upper

75 100

53 0.0 65.1 97.7#

89 0.1 38.4 57.6#

