

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY061920\
 Data File : VY002950.D
 Acq On : 19 Jun 2020 20:11
 Operator : SY/MD
 Sample : L3046-05
 Misc : 10.18G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ISS-B-G2

Quant Time: Jun 20 03:58:51 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

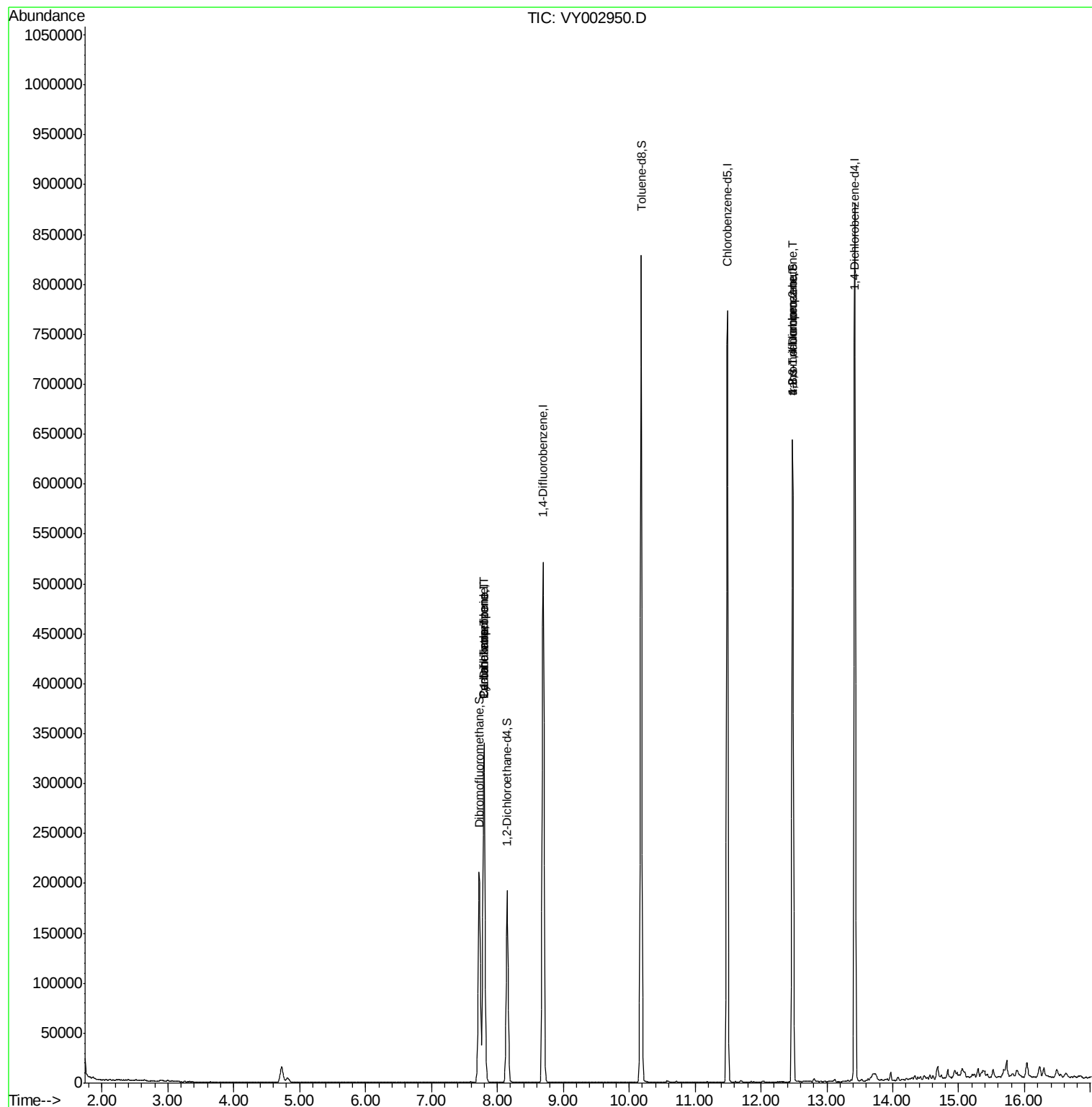
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	290746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	478754	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	456545	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	236052	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	145678	60.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.32%	
35) Dibromofluoromethane	7.72	113	150075	55.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.80%	
50) Toluene-d8	10.18	98	563784	52.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.56%	
62) 4-Bromofluorobenzene	12.48	95	198433	53.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.12%	
Target Compounds						
18) Methyl Acetate	4.49	43	766	Below Cal	#	49
20) Methylene Chloride	4.73	84	12784	Below Cal		90
31) Cyclohexane	7.80	56	4134	1.003	ug/l #	1
36) 1,1-Dichloropropene	7.79	75	17456	4.490	ug/l #	49
38) Carbon Tetrachloride	7.80	117	25396	5.927	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	94682	46.057	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	94682	87.931	ug/l #	16

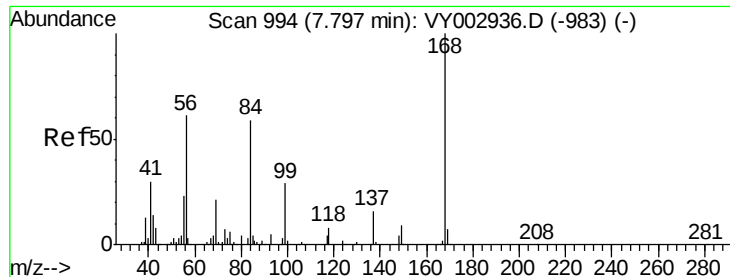
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VY002950.D

Acq: 19 Jun 2020 20:11

Instrument :

MSVOA_Y

ClientSampleId :

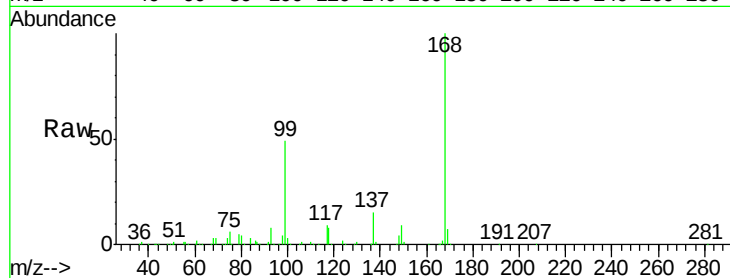
ISS-B-G2

Tgt Ion:168 Resp: 290746

Ion Ratio Lower Upper

168 100

99 48.8 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

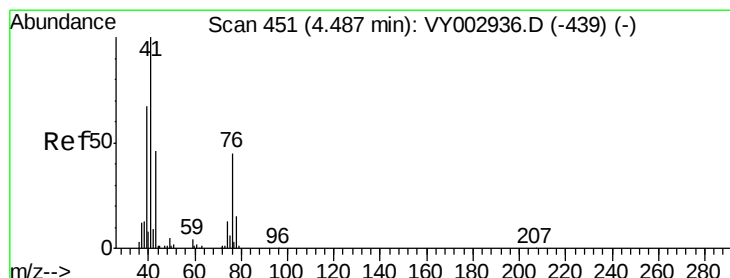
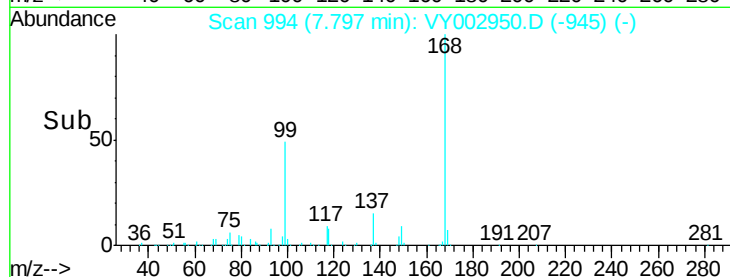
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: Below Cal

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002950.D

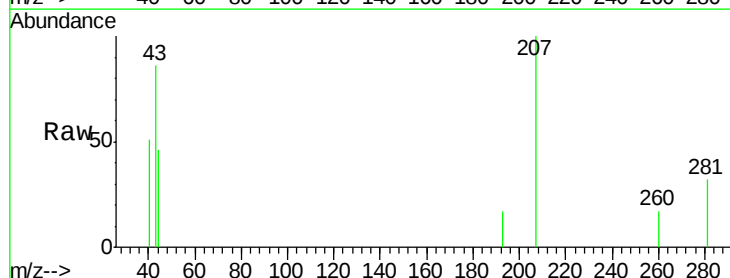
Acq: 19 Jun 2020 20:11

Tgt Ion: 43 Resp: 766

Ion Ratio Lower Upper

43 100

74 0.0 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) (-)

4.49

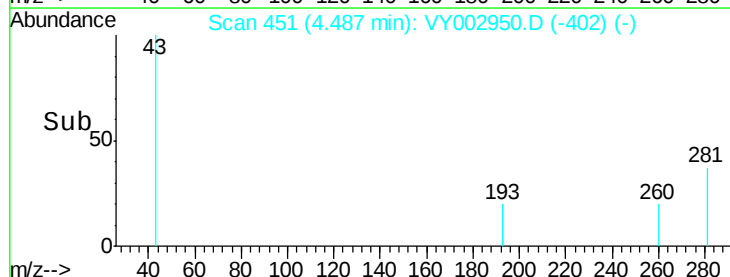
300

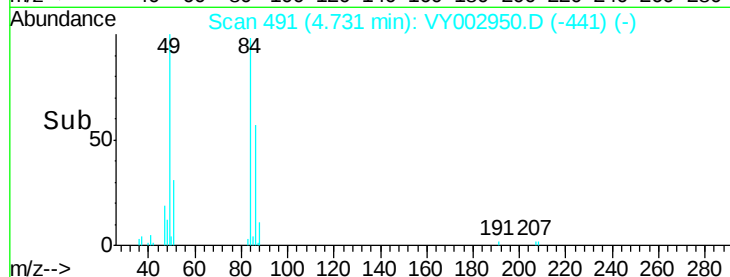
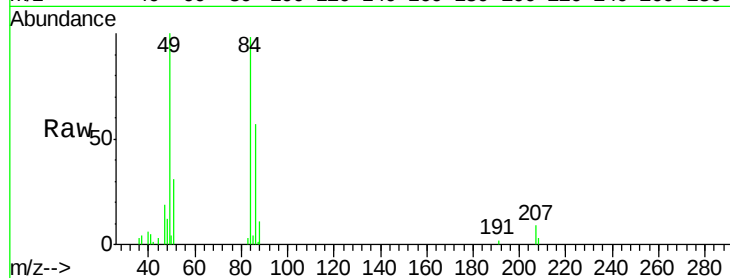
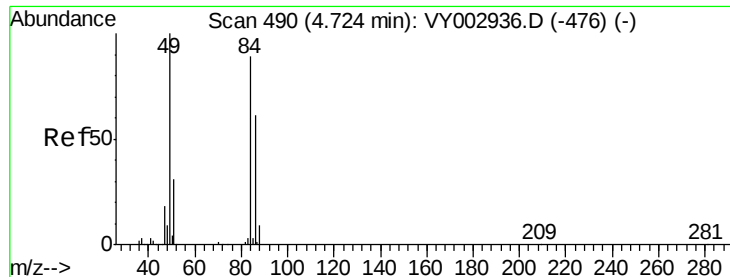
200

100

0

Time-->

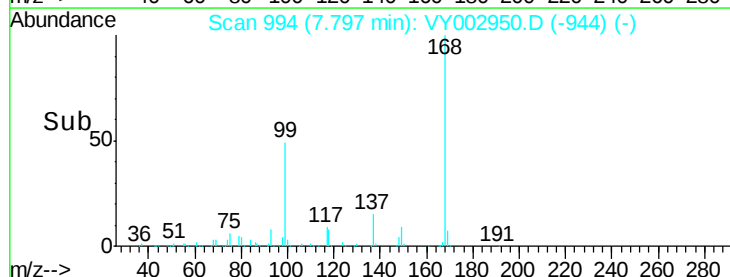
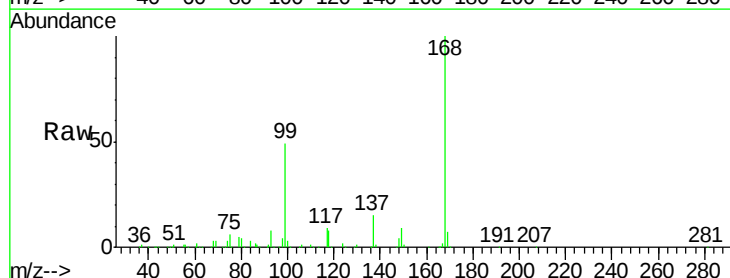
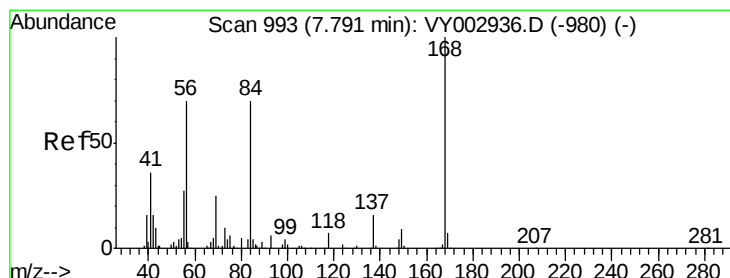
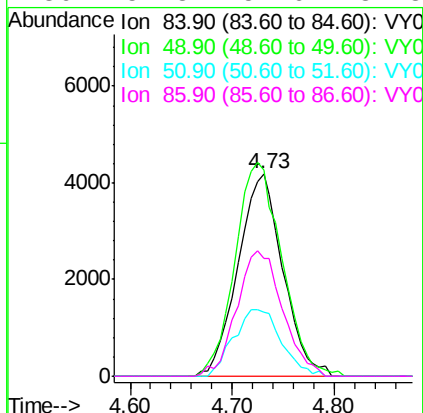




#20
Methylene Chloride
Concen: Below Cal
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY002950.D
Acq: 19 Jun 2020 20:11

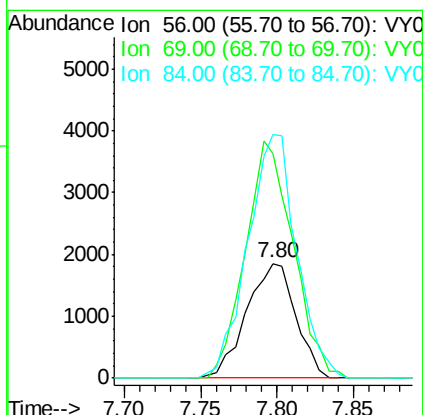
Instrument :
MSVOA_Y
ClientSampleId :
ISS-B-G2

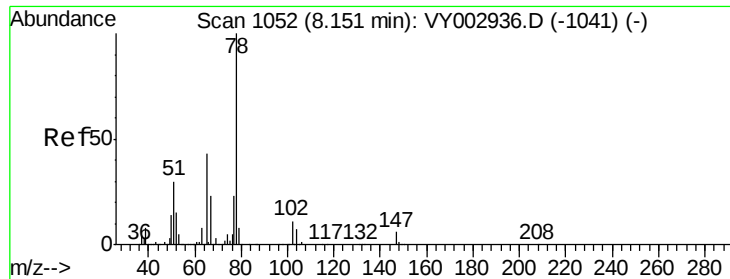
Tgt Ion:	84	Resp:	12784
Ion	Ratio	Lower	Upper
84	100		
49	101.7	90.0	135.0
51	31.5	27.9	41.9
86	57.8	54.6	81.8



#31
Cyclohexane
Concen: 1.003 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY002950.D
Acq: 19 Jun 2020 20:11

Tgt Ion:	56	Resp:	4134
Ion	Ratio	Lower	Upper
56	100		
69	195.5	28.9	43.3#
84	212.4	80.1	120.1#

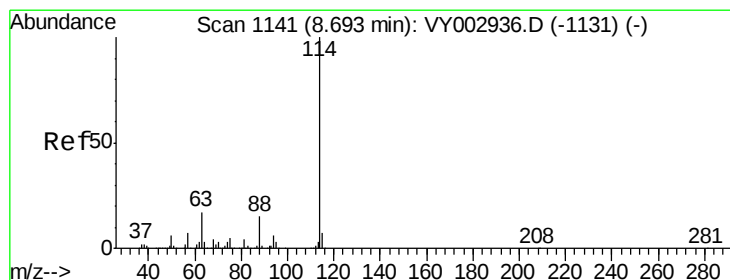
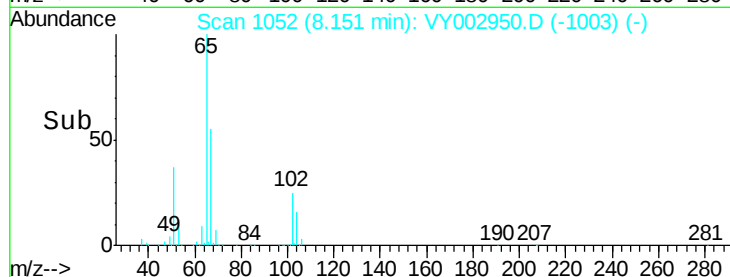
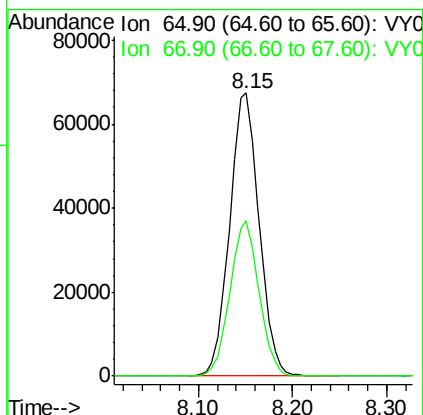
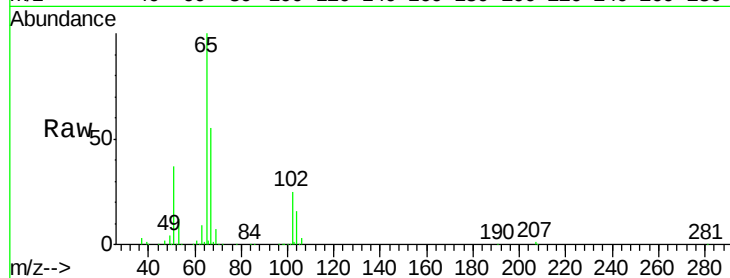




#33
 1,2-Dichloroethane-d4
 Concen: 60.661 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002950.D
 Acq: 19 Jun 2020 20:11

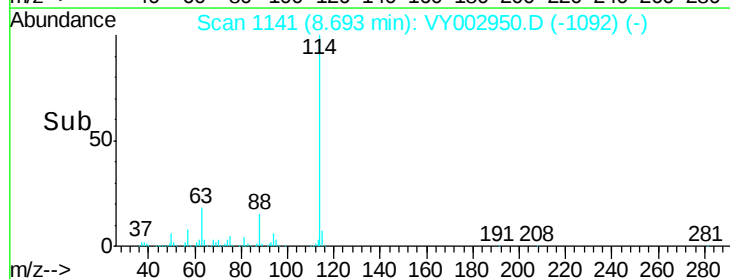
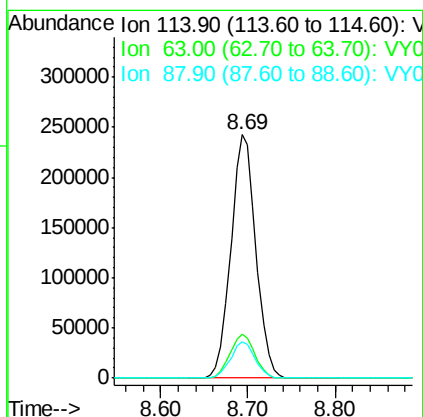
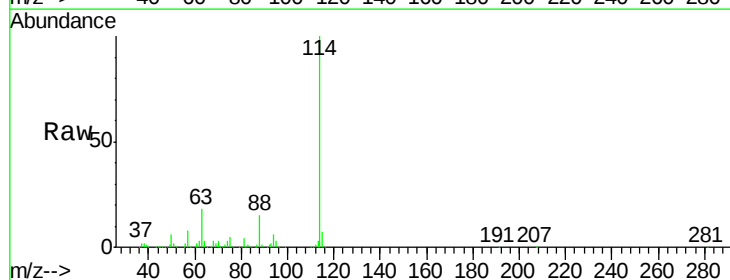
Instrument :
 MSVOA_Y
 ClientSampleId :
 ISS-B-G2

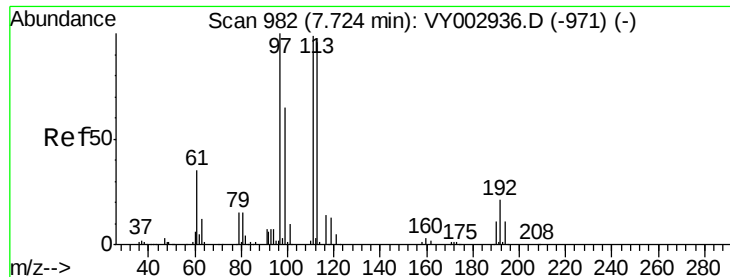
Tgt Ion: 65 Resp: 145678
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002950.D
 Acq: 19 Jun 2020 20:11

Tgt Ion: 114 Resp: 478754
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 34.6
 88 15.0 0.0 29.2

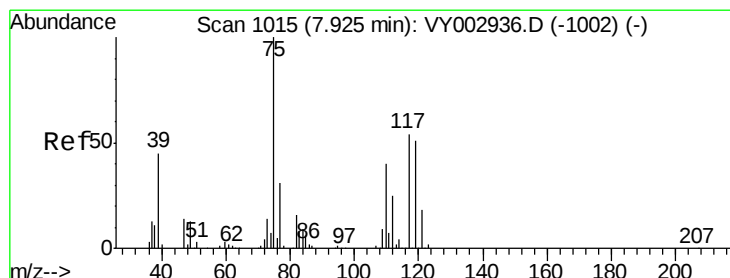
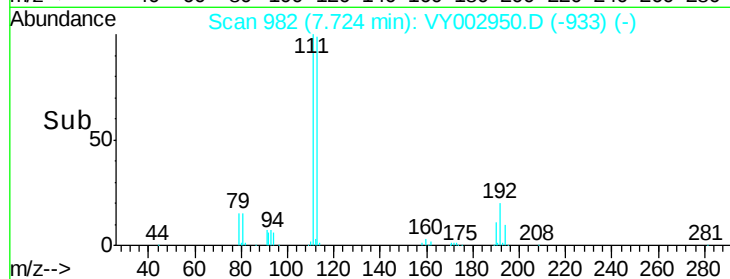
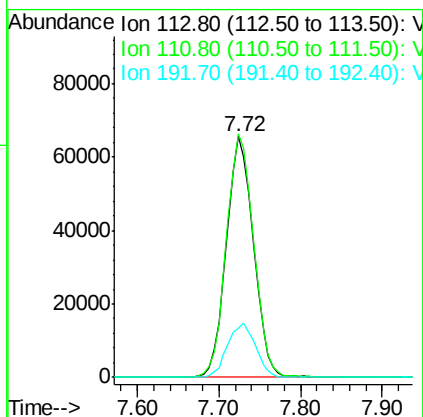
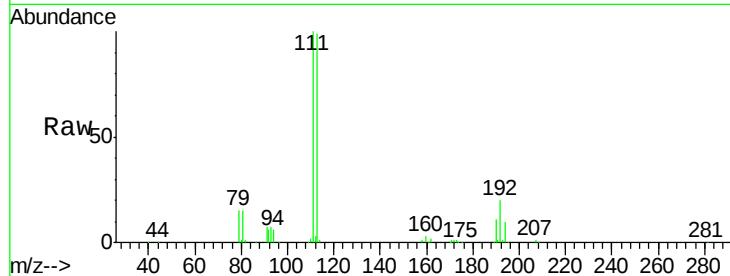




#35
 Dibromofluoromethane
 Concen: 55.401 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY002950.D
 Acq: 19 Jun 2020 20:11

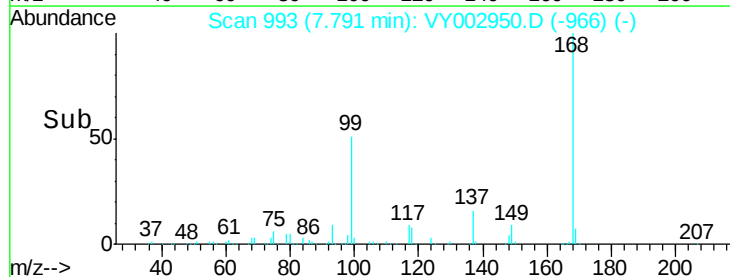
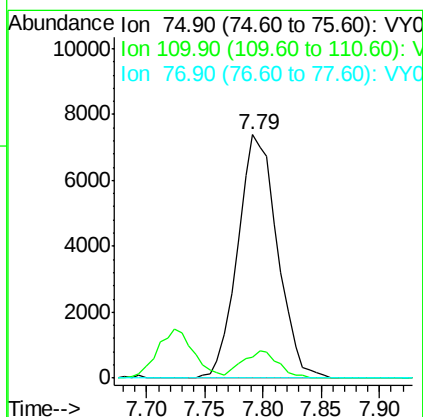
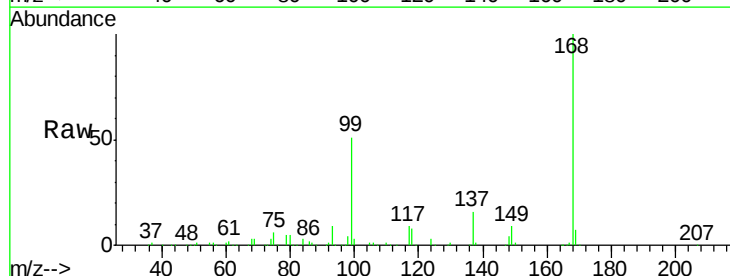
Instrument :
 MSVOA_Y
 ClientSampled :
 ISS-B-G2

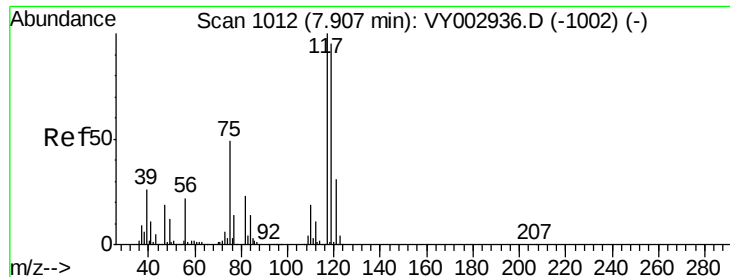
Tgt Ion:113 Resp: 150075
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.5 122.3
 192 23.3 19.2 28.8



#36
 1,1-Dichloropropene
 Concen: 4.490 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY002950.D
 Acq: 19 Jun 2020 20:11

Tgt Ion: 75 Resp: 17456
 Ion Ratio Lower Upper
 75 100
 110 10.2 19.7 59.0#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.927 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY002950.D

Acq: 19 Jun 2020 20:11

Instrument :

MSVOA_Y

ClientSampleId :

ISS-B-G2

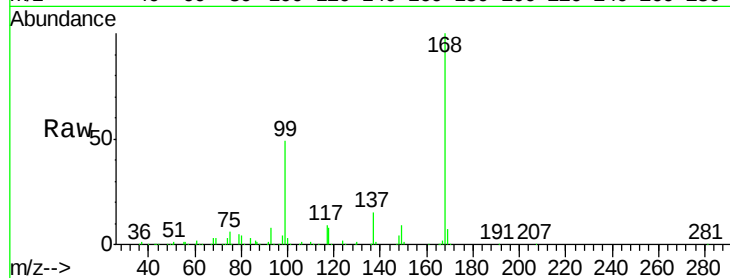
Tgt Ion:117 Resp: 25396

Ion Ratio Lower Upper

117 100

119 4.1 76.1 114.1#

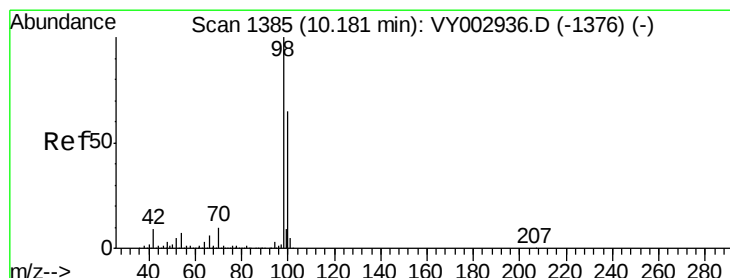
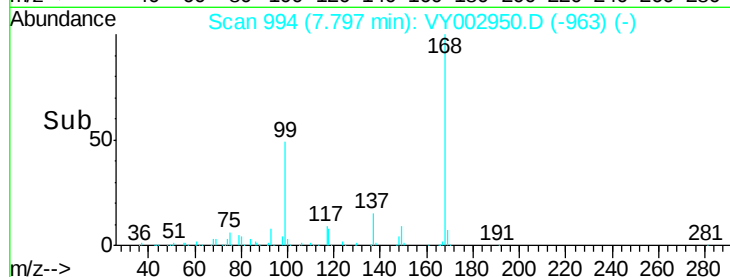
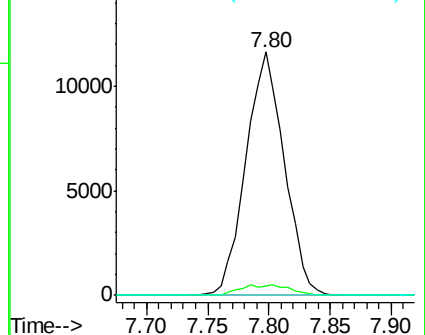
121 0.0 24.8 37.2#



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: 52.784 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002950.D

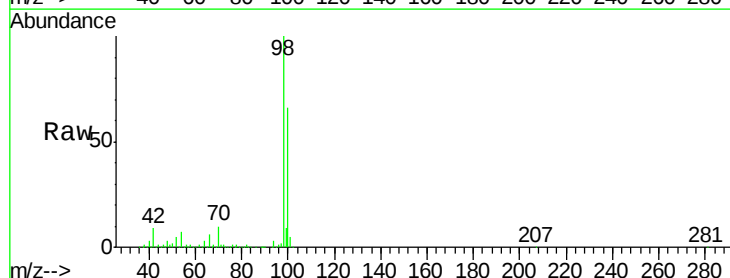
Acq: 19 Jun 2020 20:11

Tgt Ion: 98 Resp: 563784

Ion Ratio Lower Upper

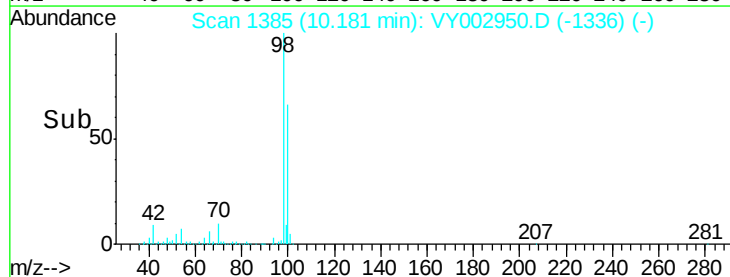
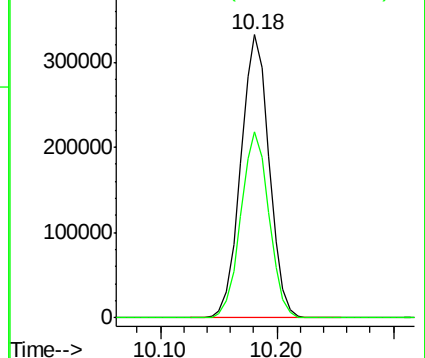
98 100

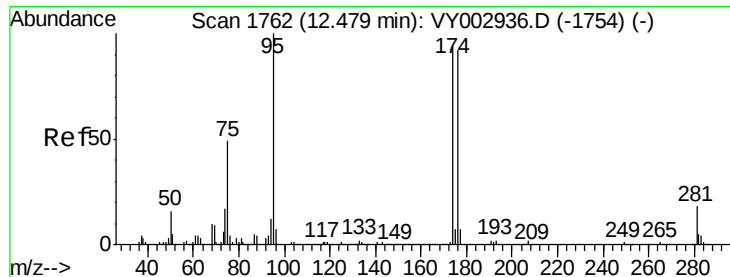
100 65.3 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 53.558 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002950.D

Acq: 19 Jun 2020 20:11

Instrument :

MSVOA_Y

ClientSampleId :

ISS-B-G2

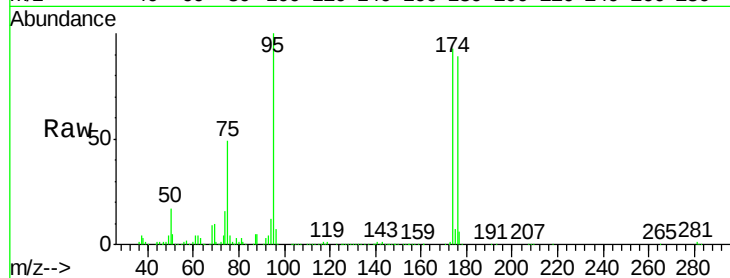
Tgt Ion: 95 Resp: 198433

Ion Ratio Lower Upper

95 100

174 95.0 0.0 191.2

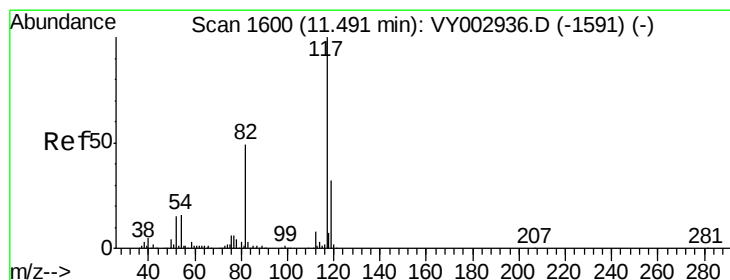
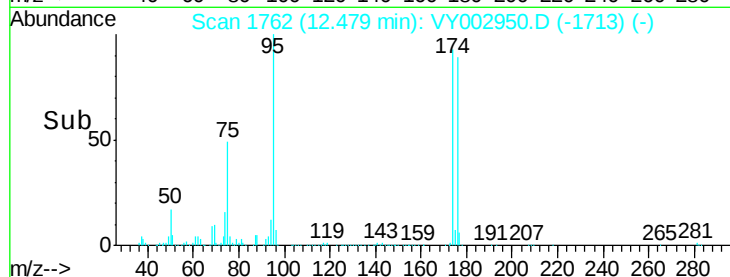
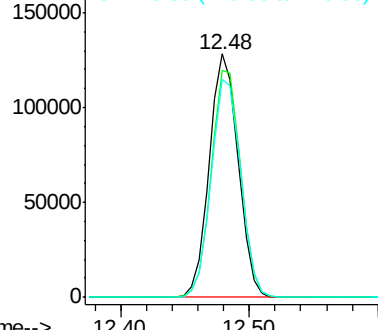
176 91.4 0.0 186.0



Abundance Ion 94.90 (94.60 to 95.60): VY002936.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY002936.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY002936.D (-1754) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY002950.D

Acq: 19 Jun 2020 20:11

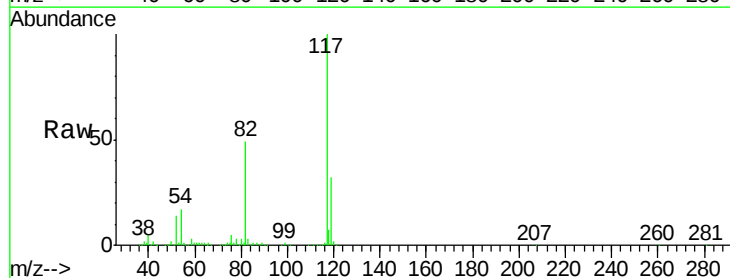
Tgt Ion: 117 Resp: 456545

Ion Ratio Lower Upper

117 100

82 49.4 39.4 59.0

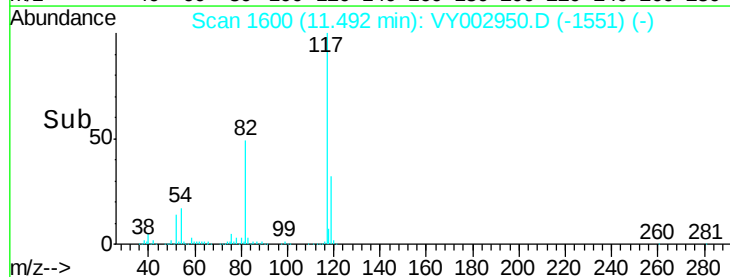
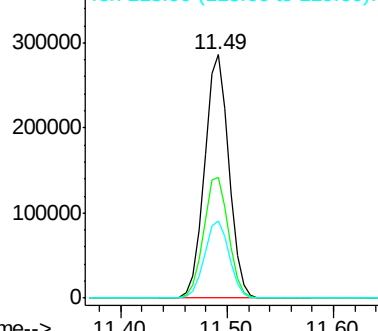
119 31.5 25.4 38.0

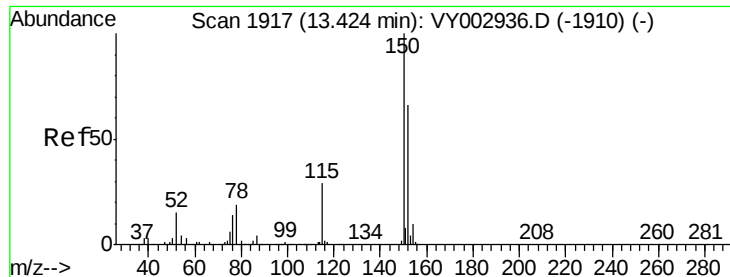


Abundance Ion 116.90 (116.60 to 117.60): VY002936.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY002936.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY002936.D (-1591) (-)



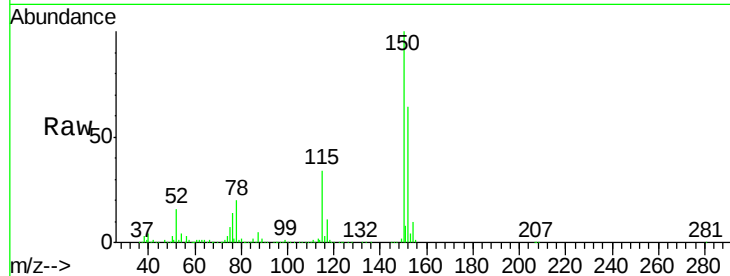


#72

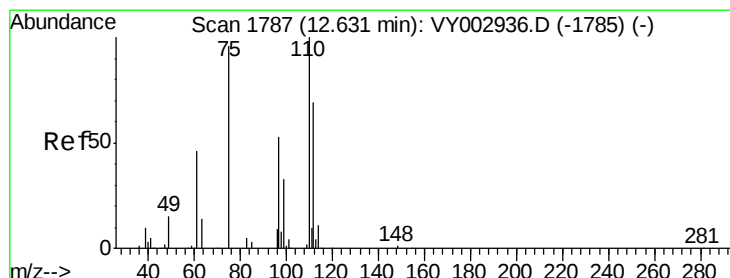
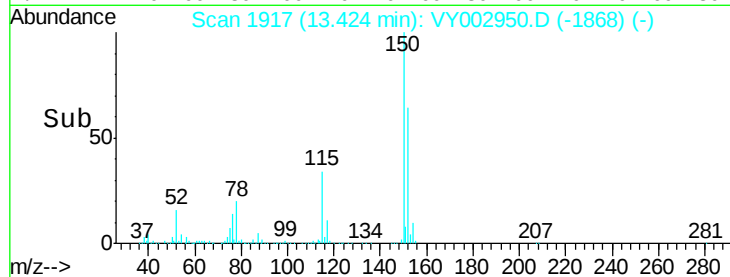
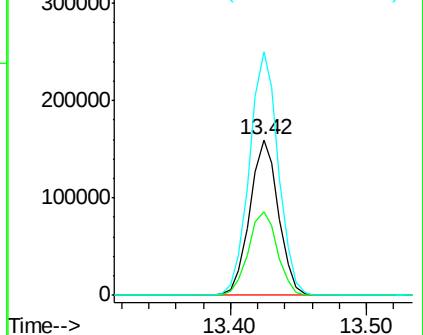
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002950.D
Acq: 19 Jun 2020 20:11

Instrument :
MSVOA_Y
ClientSampleId :
ISS-B-G2

Tgt Ion:152 Resp: 236052
Ion Ratio Lower Upper
152 100
115 54.5 26.9 80.6
150 157.8 0.0 341.8



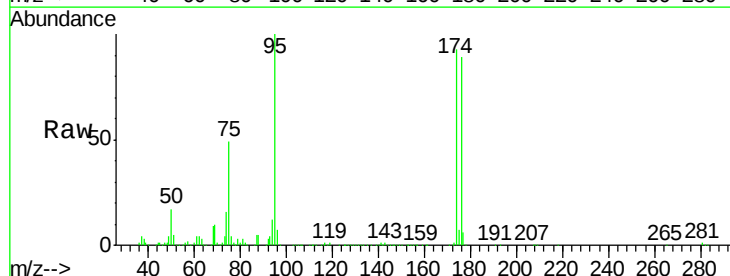
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



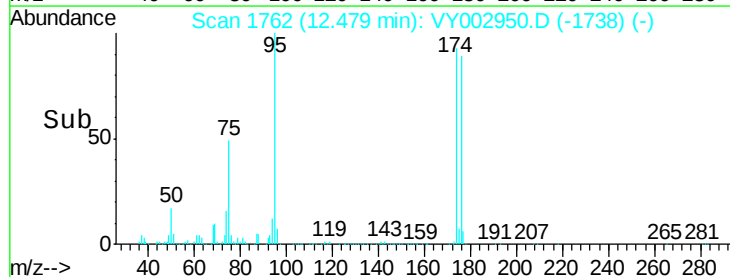
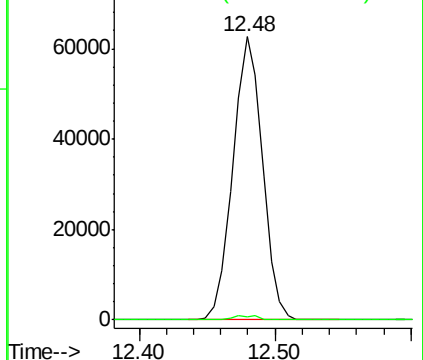
#76

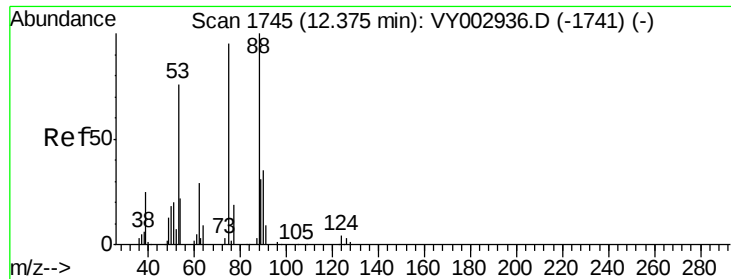
1,2,3-Trichloropropane
Concen: 46.057 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY002950.D
Acq: 19 Jun 2020 20:11

Tgt Ion: 75 Resp: 94682
Ion Ratio Lower Upper
75 100
77 1.4 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: 87.931 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002950.D

Acq: 19 Jun 2020 20:11

Instrument :

MSVOA_Y

ClientSampleId :

ISS-B-G2

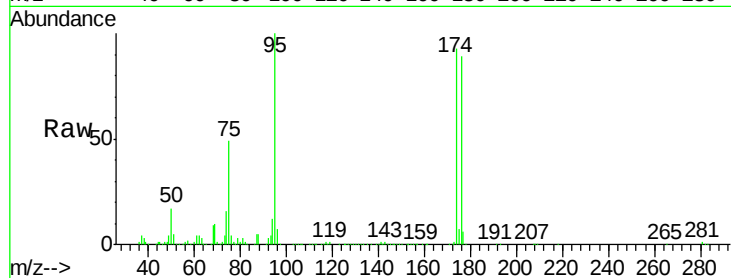
Tgt Ion: 75 Resp: 94682

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

