

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY061020\
 Data File : VY002877.D
 Acq On : 10 Jun 2020 12:31
 Operator : SY/MD
 Sample : L2970-02
 Misc : 6.43G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 600472986

Quant Time: Jun 11 02:03:46 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	237598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	386767	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	363923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	185770	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	119256	57.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.62%	
35) Dibromofluoromethane	7.72	113	117321	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
50) Toluene-d8	10.18	98	457726	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
62) 4-Bromofluorobenzene	12.48	95	155509	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	

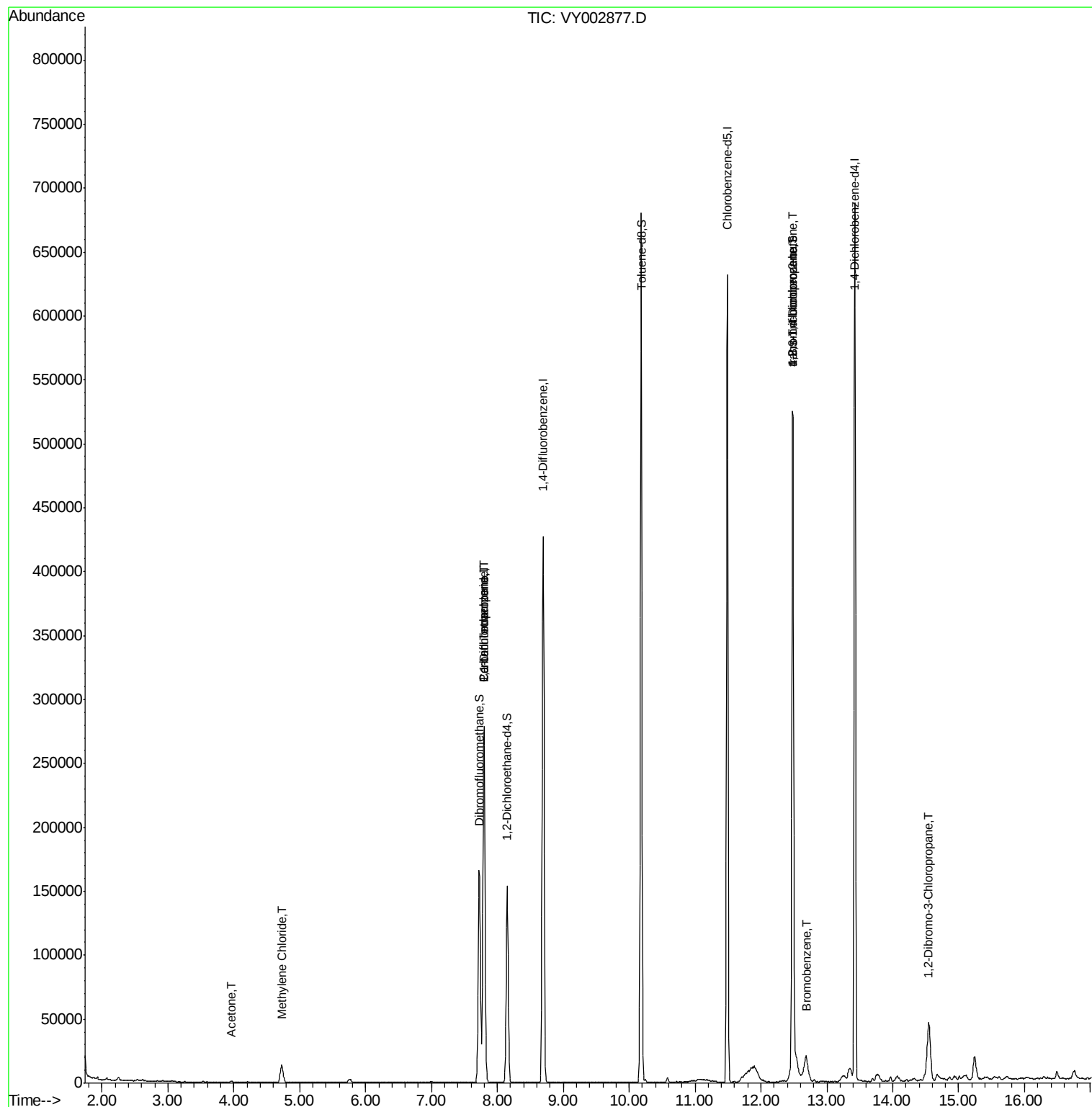
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.97	59	139	Below Cal	#	74
16) Acetone	3.97	43	1318	2.72	ug/l	# 81
18) Methyl Acetate	4.49	43	469	Below Cal	#	68
20) Methylene Chloride	4.72	84	11301	4.78	ug/l	93
36) 1,1-Dichloropropene	7.80	75	14890	4.57	ug/l	# 48
38) Carbon Tetrachloride	7.80	117	21211	5.86	ug/l	# 16
76) 1,2,3-Trichloropropane	12.48	75	76299	45.58	ug/l	# 100
77) Bromobenzene	12.69	156	22616	7.30	ug/l	# 1
81) trans-1,4-Dichloro-2-buten	12.48	75	76299	85.88	ug/l	# 17
92) 1,2-Dibromo-3-Chloropropan	14.55	75	3213	8.00	ug/l	# 12

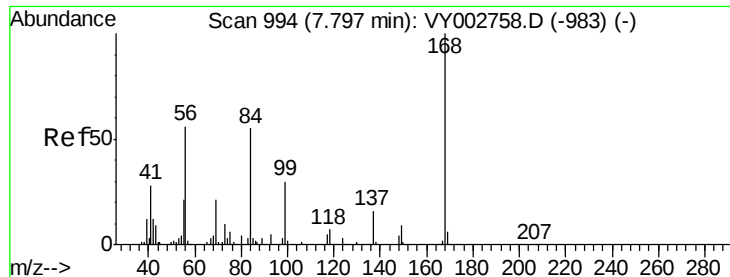
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY061020\
Data File : VY002877.D
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Quant Time: Jun 11 02:03:46 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: 50.00 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002877.D

Acq: 10 Jun 2020 12:31

Instrument :

MSVOA_Y

ClientSampleId :

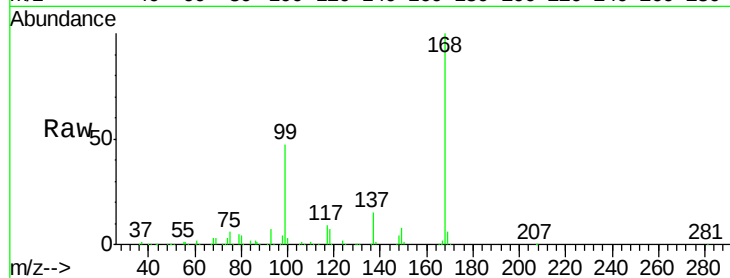
600472986

Tgt Ion:168 Resp: 237598

Ion Ratio Lower Upper

168 100

99 46.5 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002877.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002877.D (-945) (-)

7.80

120000

100000

80000

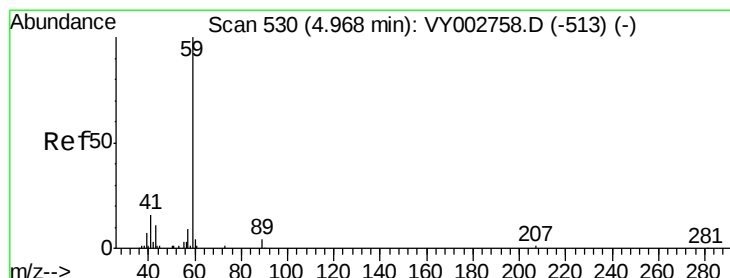
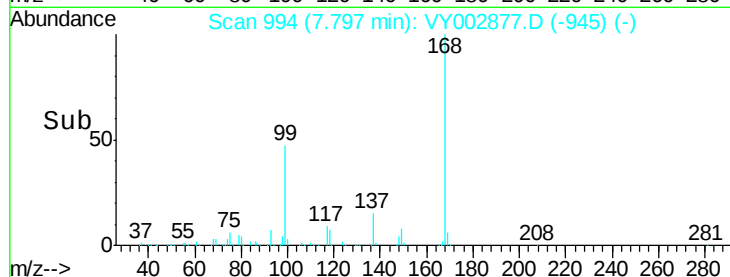
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.97 min Scan# 530

Delta R.T. 0.00 min

Lab File: VY002877.D

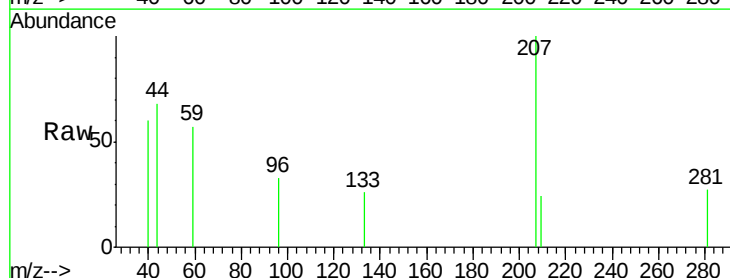
Acq: 10 Jun 2020 12:31

Tgt Ion: 59 Resp: 139

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VY002877.D (-481) (-)

Ion 57.00 (56.70 to 57.70): VY002877.D (-481) (-)

4.97

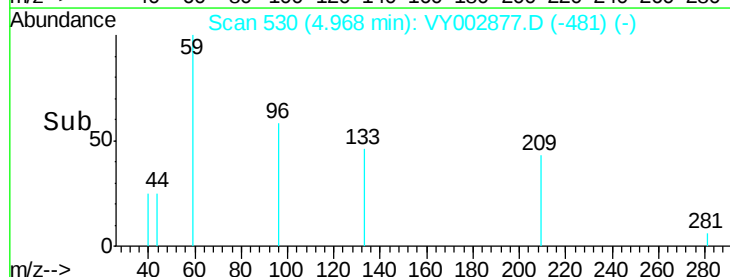
150

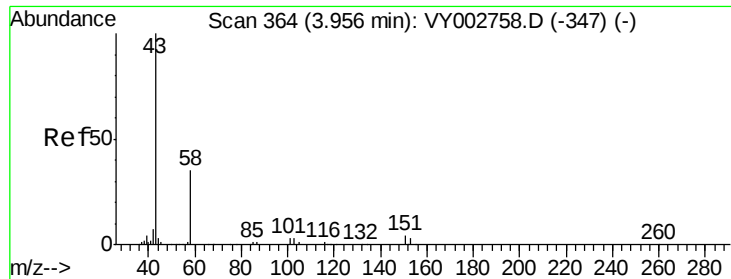
100

50

0

Time-->





#16

Acetone

Concen: 2.72 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002877.D

Acq: 10 Jun 2020 12:31

Instrument :

MSVOA_Y

ClientSampleId :

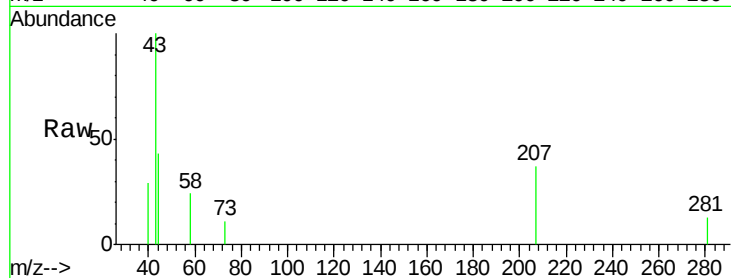
600472986

Tgt Ion: 43 Resp: 1318

Ion Ratio Lower Upper

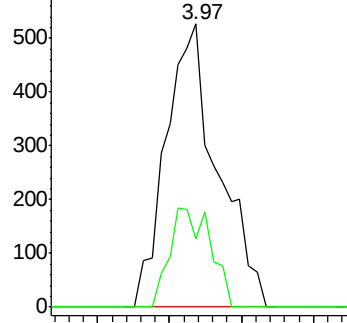
43 100

58 23.9 27.7 41.5#

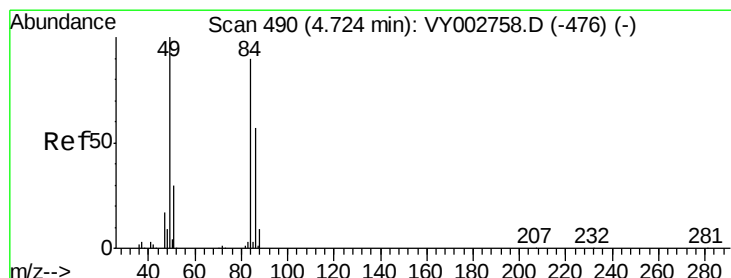
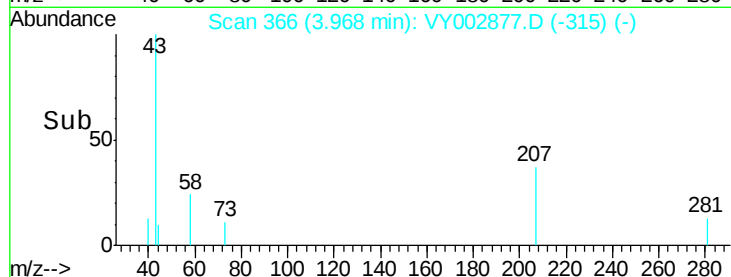


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



Time-->



#20

Methylene Chloride

Concen: 4.78 ug/l

RT: 4.72 min Scan# 490

Delta R.T. -0.00 min

Lab File: VY002877.D

Acq: 10 Jun 2020 12:31

Tgt Ion: 84 Resp: 11301

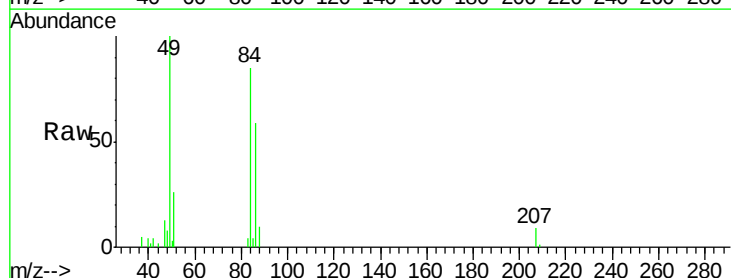
Ion Ratio Lower Upper

84 100

49 117.4 88.5 132.7

51 30.0 26.8 40.2

86 69.2 50.6 75.8

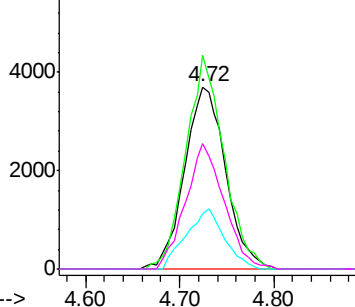


Abundance Ion 83.90 (83.60 to 84.60): VY0

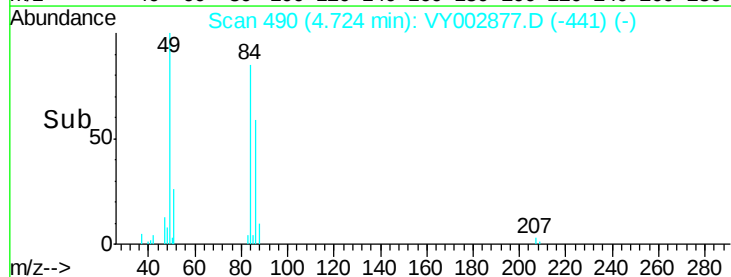
Ion 48.90 (48.60 to 49.60): VY0

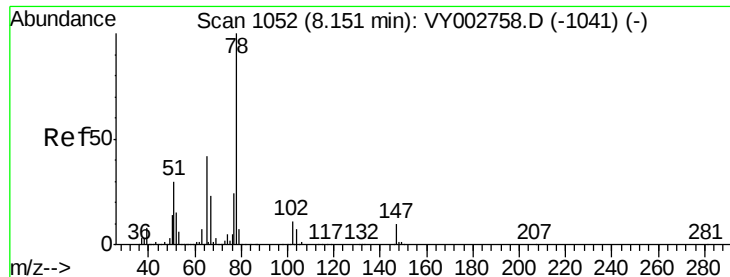
Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0



Time-->

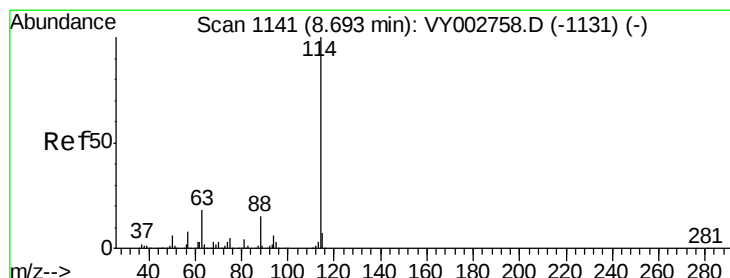
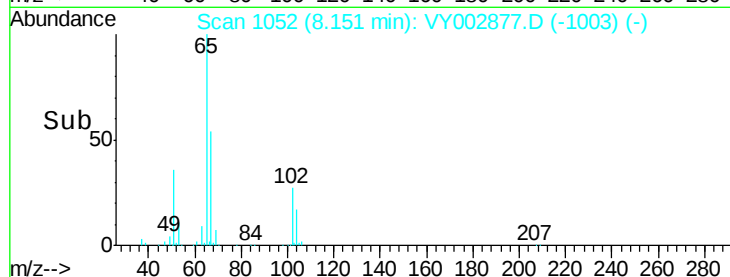
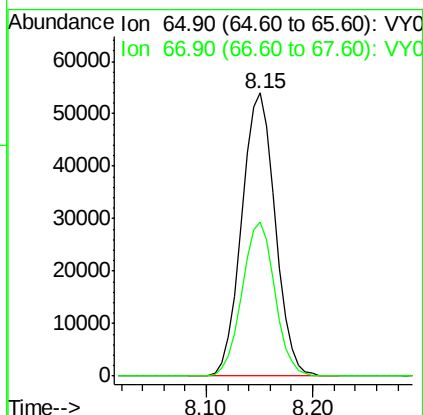
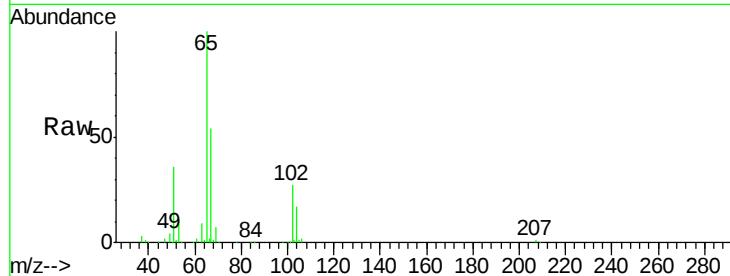




#33
 1,2-Dichloroethane-d4
 Concen: 57.81 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY002877.D
 Acq: 10 Jun 2020 12:31

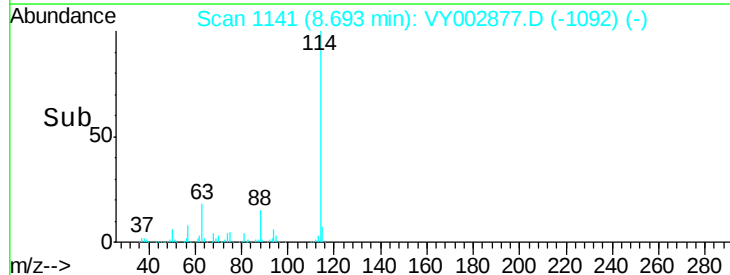
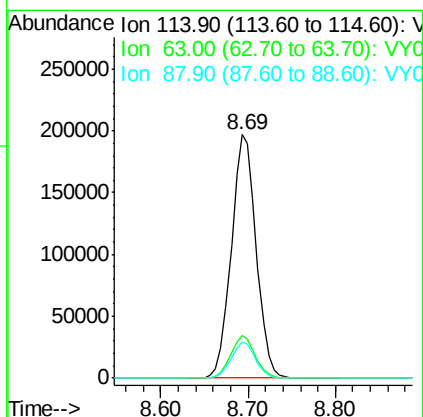
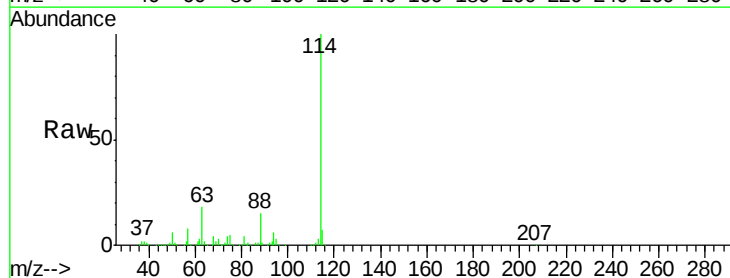
Instrument :
 MSVOA_Y
 ClientSampleId :
 600472986

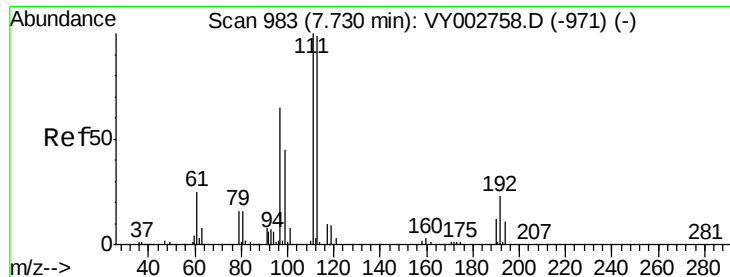
Tgt Ion: 65 Resp: 119256
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002877.D
 Acq: 10 Jun 2020 12:31

Tgt Ion: 114 Resp: 386767
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 35.2
 88 14.8 0.0 29.2

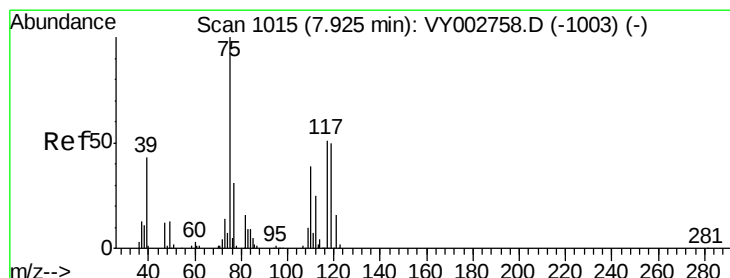
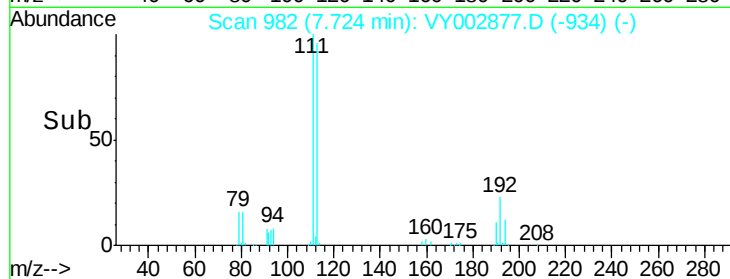
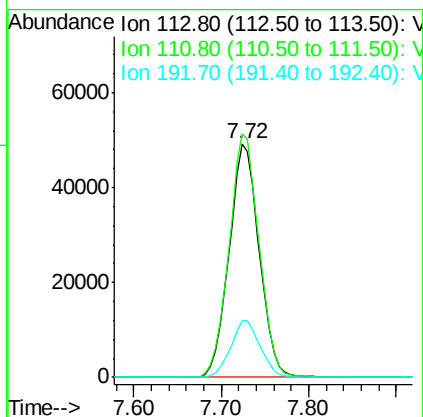
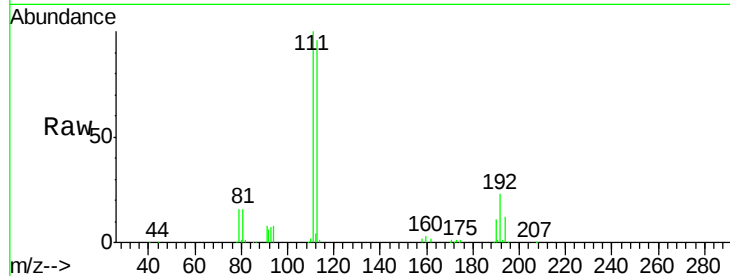




#35
 Dibromofluoromethane
 Concen: 51.76 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002877.D
 Acq: 10 Jun 2020 12:31

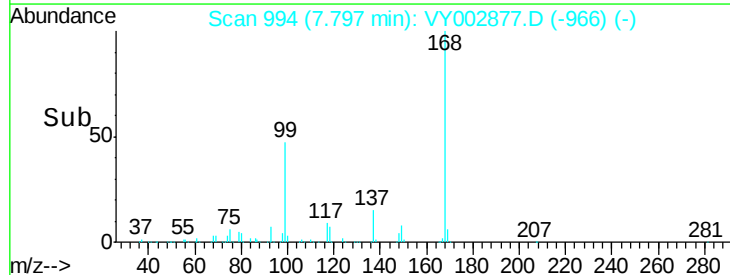
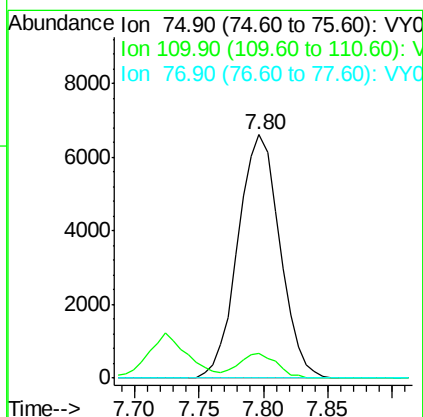
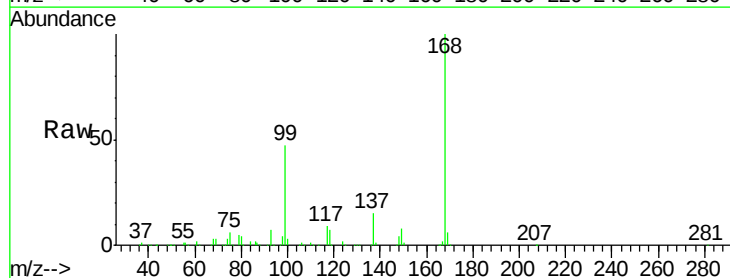
Instrument :
 MSVOA_Y
 ClientSampleId :
 600472986

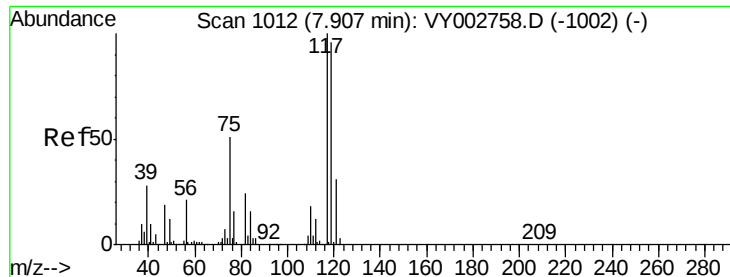
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.0	123.0
192	24.0	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 4.57 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY002877.D
 Acq: 10 Jun 2020 12:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.3	19.3	57.9#
77	0.0	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 5.86 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY002877.D

Acq: 10 Jun 2020 12:31

Instrument :

MSVOA_Y

ClientSampleId :

600472986

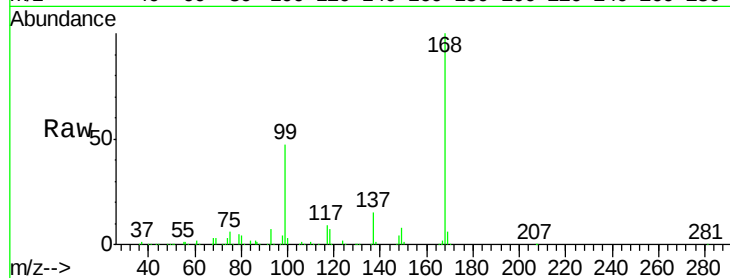
Tgt Ion:117 Resp: 21211

Ion Ratio Lower Upper

117 100

119 5.4 76.8 115.2#

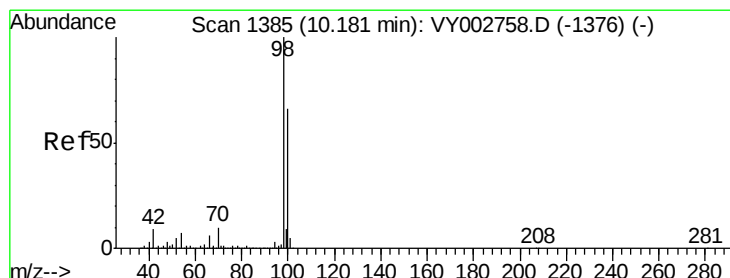
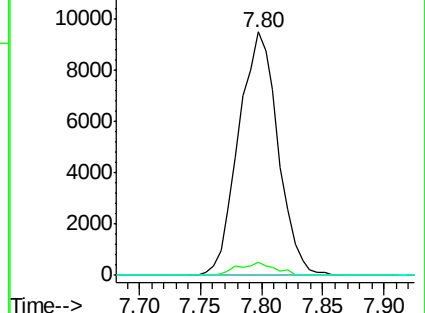
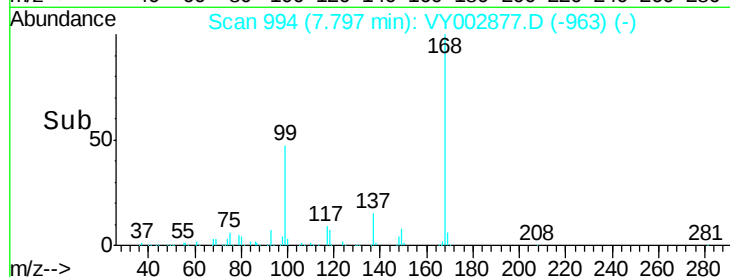
121 0.0 24.8 37.2#



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: 49.94 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002877.D

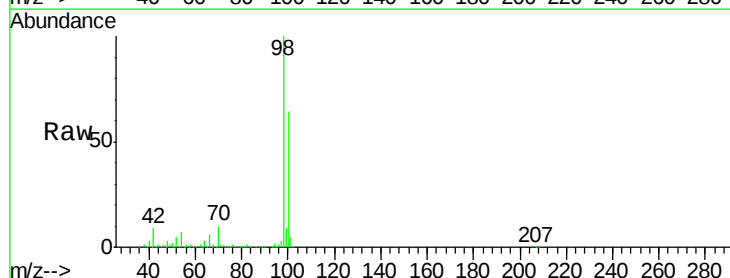
Acq: 10 Jun 2020 12:31

Tgt Ion: 98 Resp: 457726

Ion Ratio Lower Upper

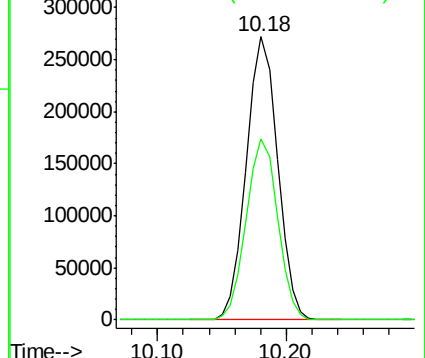
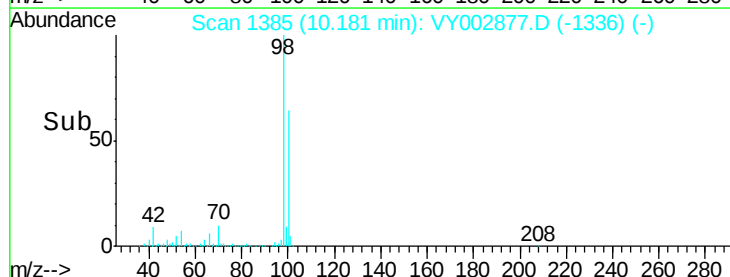
98 100

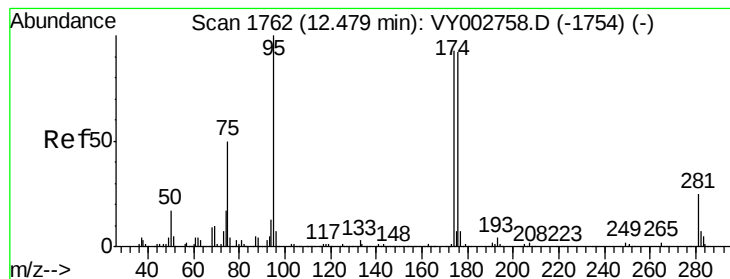
100 64.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 49.65 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002877.D

Acq: 10 Jun 2020 12:31

Instrument :

MSVOA_Y

ClientSampleId :

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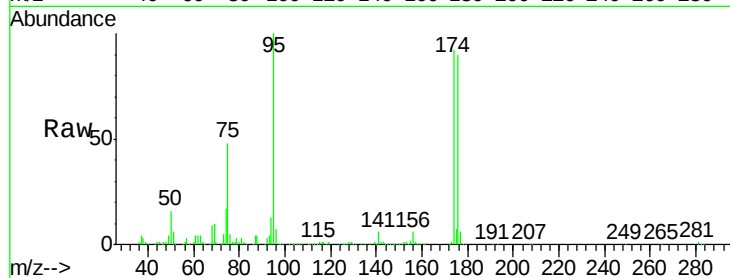
Tgt Ion: 95 Resp: 155509

Ion Ratio Lower Upper

95 100

174 97.6 0.0 191.2

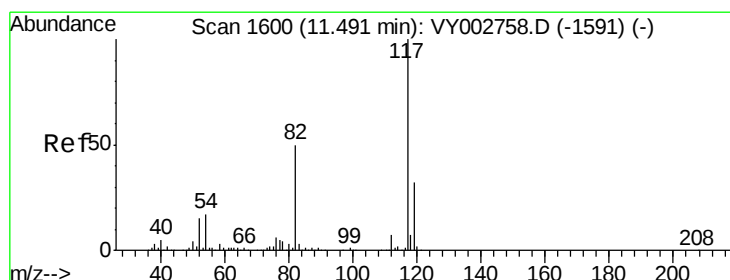
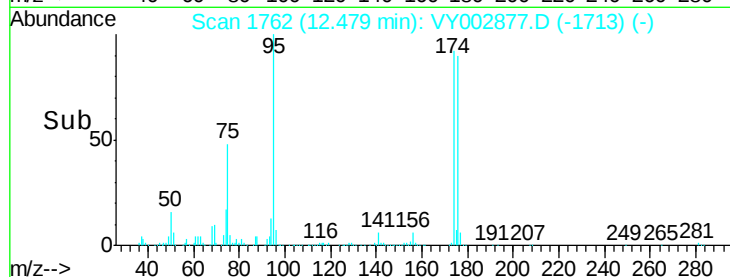
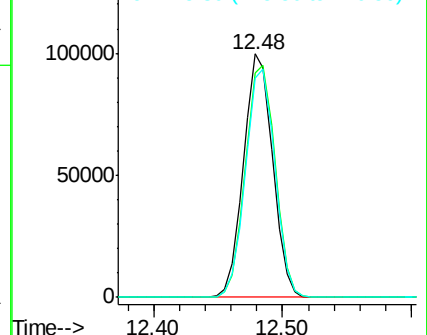
176 94.8 0.0 188.8



Abundance Ion 94.90 (94.60 to 95.60): VY002877.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY002877.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY002877.D (-1713) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY002877.D

Acq: 10 Jun 2020 12:31

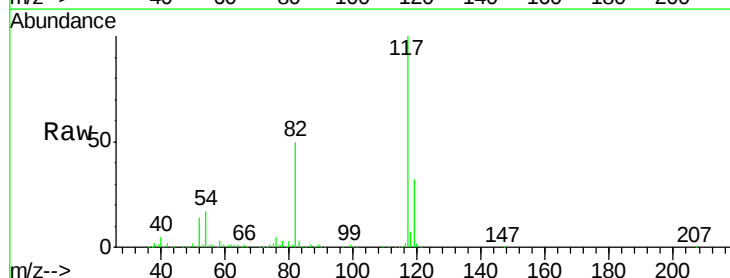
Tgt Ion: 117 Resp: 363923

Ion Ratio Lower Upper

117 100

82 49.9 40.2 60.4

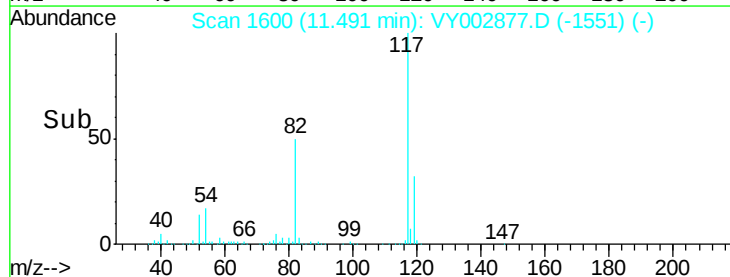
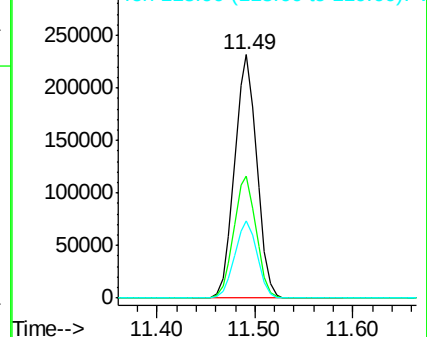
119 31.9 25.8 38.8

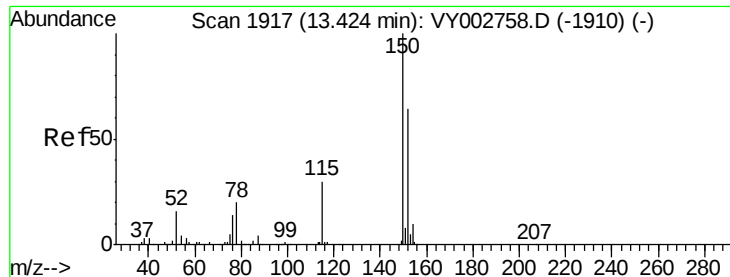


Abundance Ion 116.90 (116.60 to 117.60): VY002877.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY002877.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY002877.D (-1551) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY002877.D

Acq: 10 Jun 2020 12:31

Instrument :

MSVOA_Y

ClientSampleId :

600472986

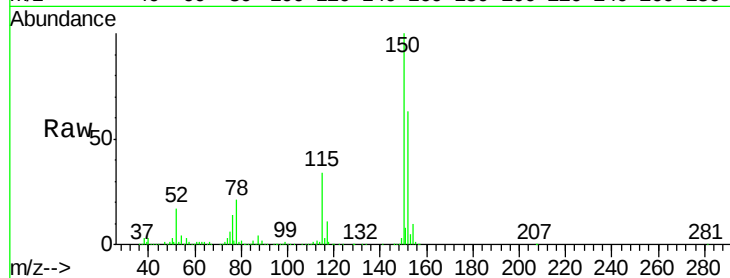
Tgt Ion: 152 Resp: 185770

Ion Ratio Lower Upper

152 100

115 53.9 27.0 81.0

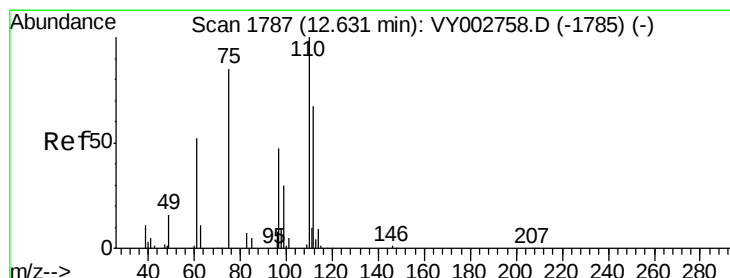
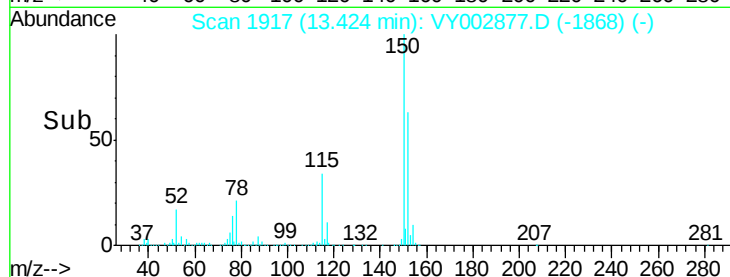
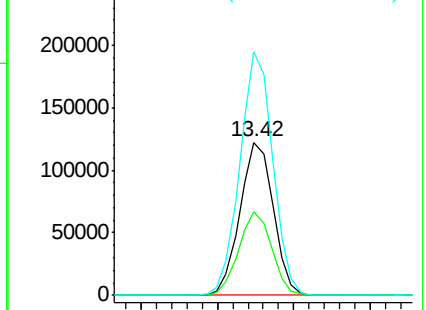
150 156.6 0.0 344.8



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: 45.58 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002877.D

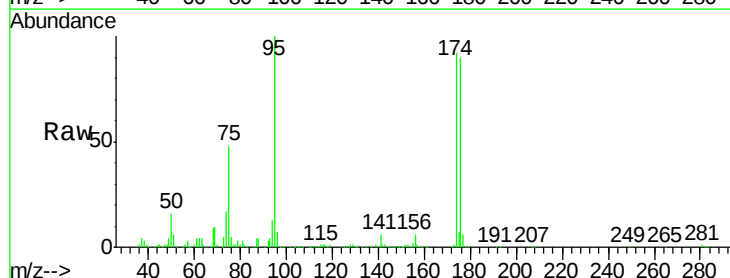
Acq: 10 Jun 2020 12:31

Tgt Ion: 75 Resp: 76299

Ion Ratio Lower Upper

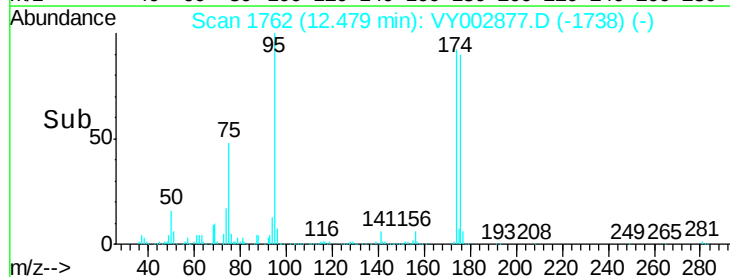
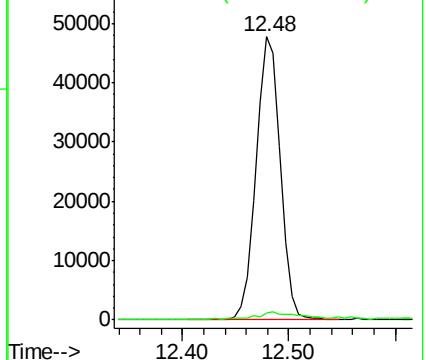
75 100

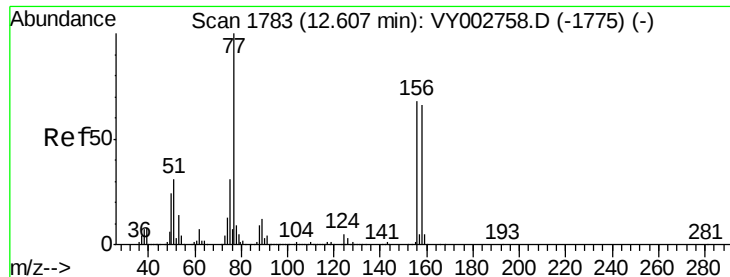
77 5.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 7.30 ug/l

RT: 12.69 min Scan# 1796

Delta R.T. 0.08 min

Lab File: VY002877.D

Acq: 10 Jun 2020 12:31

Instrument :

MSVOA_Y

ClientSampleId :

600472986

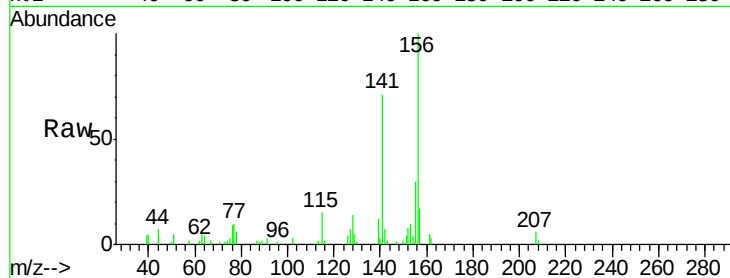
Tgt Ion:156 Resp: 22616

Ion Ratio Lower Upper

156 100

77 0.0 81.4 244.2#

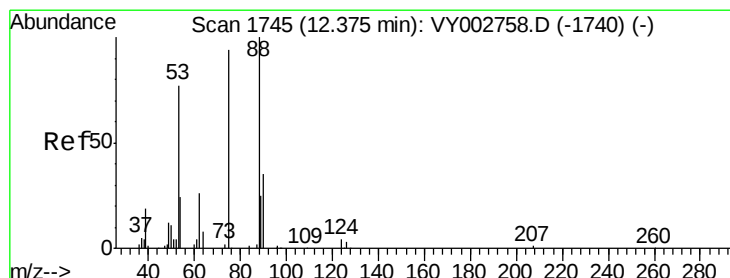
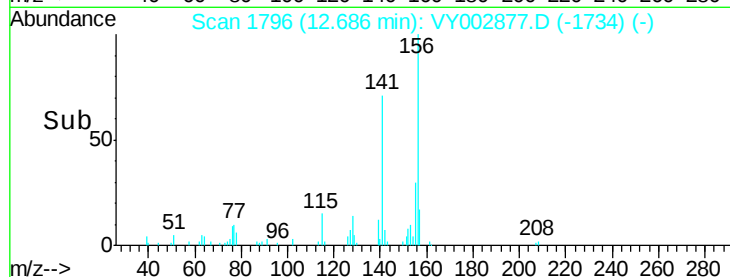
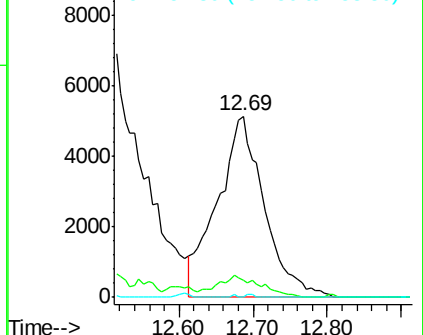
158 0.2 48.5 145.6#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 85.88 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002877.D

Acq: 10 Jun 2020 12:31

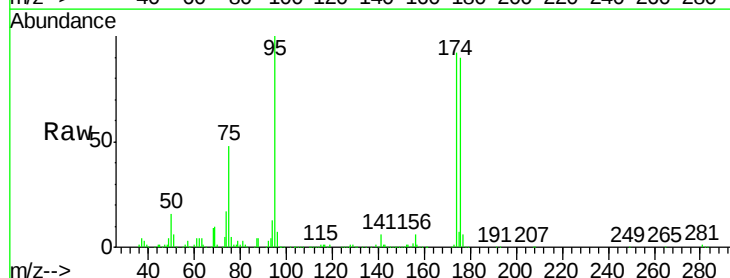
Tgt Ion: 75 Resp: 76299

Ion Ratio Lower Upper

75 100

53 0.1 64.0 96.0#

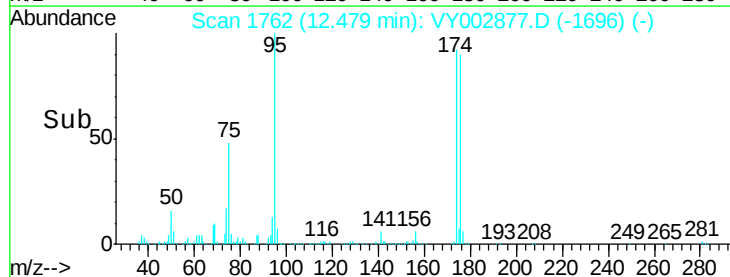
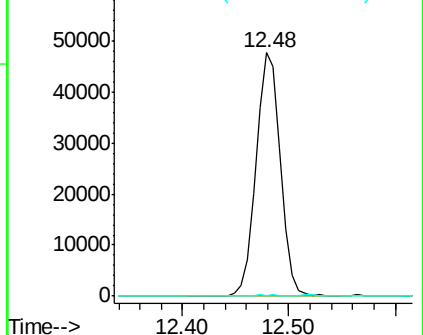
89 0.2 37.4 56.2#

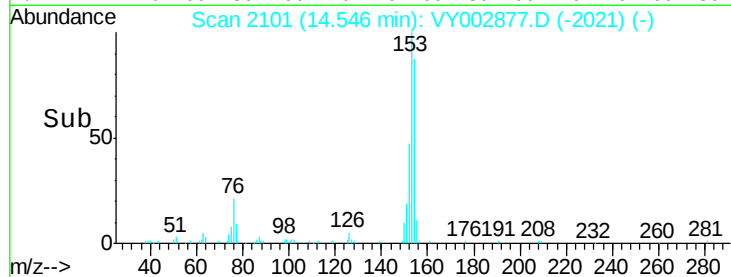
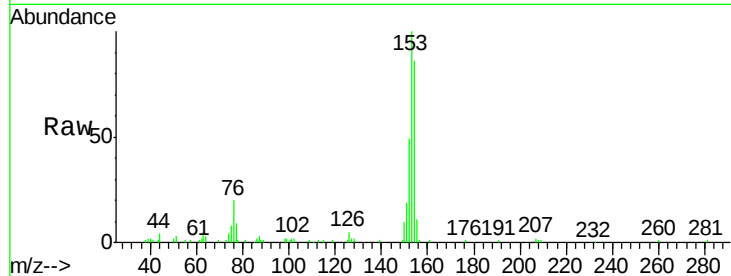
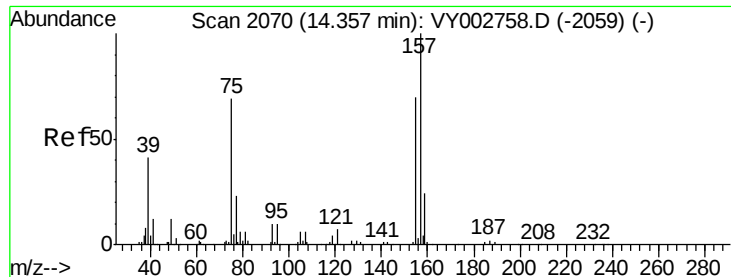


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0





#92

1,2-Dibromo-3-Chloropropane

Concen: 8.00 ug/l

RT: 14.55 min Scan# 2101

Delta R.T. 0.19 min

Lab File: VY002877.D

Acq: 10 Jun 2020 12:31

Instrument :

MSVOA_Y

ClientSampleId :

600472986

Tgt Ion: 75 Resp: 3213

Ion Ratio Lower Upper

75 100

155 163.1 53.5 160.5#

157 0.0 69.9 209.7#

