

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
 Data File : VY003048.D
 Acq On : 30 Jun 2020 20:26
 Operator : SY/MD
 Sample : L3157-02RE
 Misc : 6.19G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-D19

Quant Time: Jul 01 05:18:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	339227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	536402	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	488319	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	215281	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	178890	53.10	ug/l	0.00
Spiked Amount			Recovery	=	106.20%	
35) Dibromofluoromethane	7.72	113	176306	52.69	ug/l	0.00
Spiked Amount			Recovery	=	105.38%	
50) Toluene-d8	10.18	98	640087	51.35	ug/l	0.00
Spiked Amount			Recovery	=	102.70%	
62) 4-Bromofluorobenzene	12.48	95	203517	46.38	ug/l	0.00
Spiked Amount			Recovery	=	92.76%	

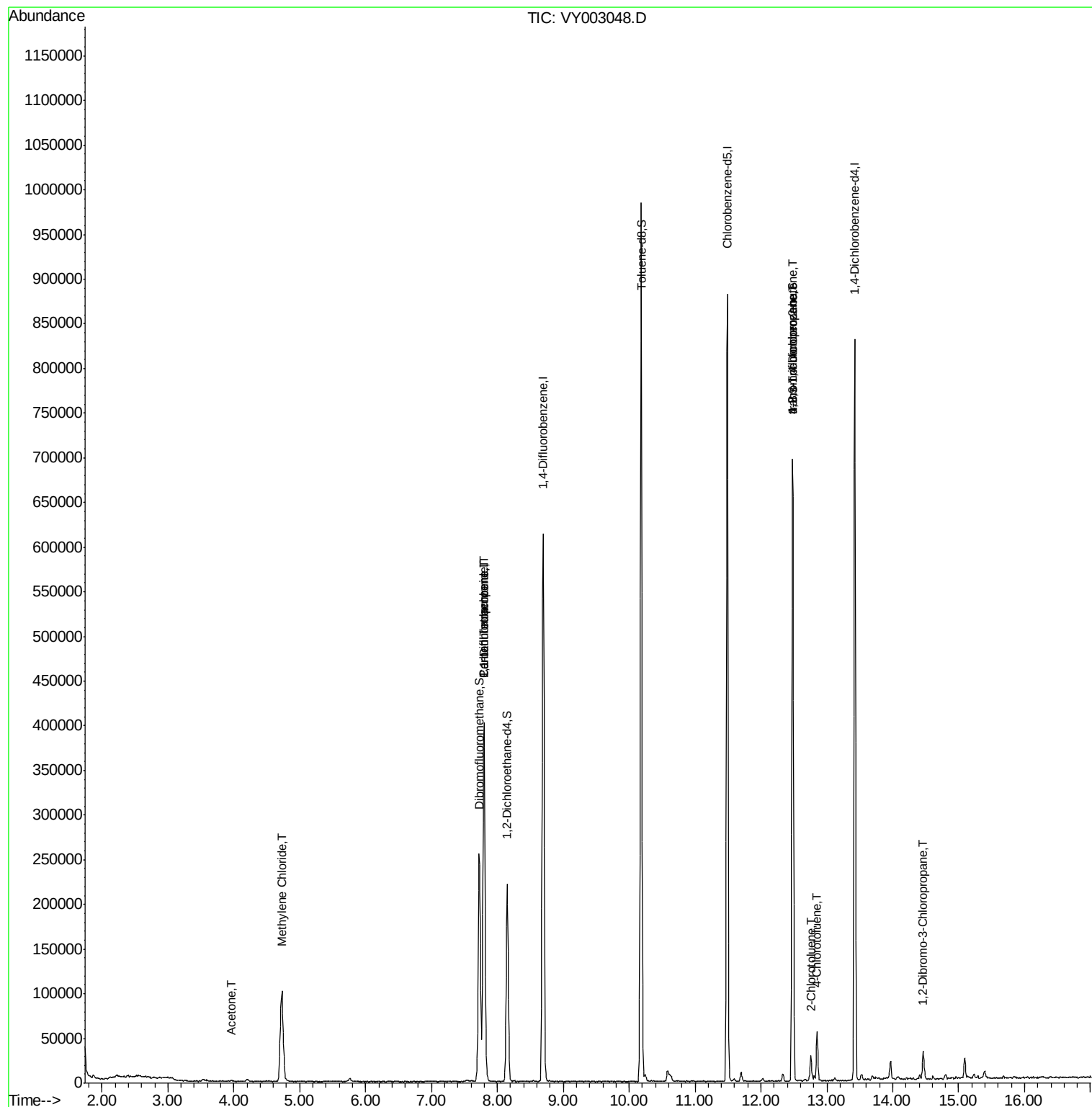
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.96	43	1528	1.923	ug/l	92
20) Methylene Chloride	4.72	84	79611	17.989	ug/l	89
36) 1,1-Dichloropropene	7.80	75	22125	4.282	ug/l #	52
38) Carbon Tetrachloride	7.80	117	30573	5.687	ug/l #	18
76) 1,2,3-Trichloropropane	12.48	75	104796	49.186	ug/l #	100
79) 2-Chlorotoluene	12.75	91	15088	1.595	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.48	75	104796	95.695	ug/l #	12
82) 4-Chlorotoluene	12.85	91	29046	2.950	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.47	75	841	1.671	ug/l #	1

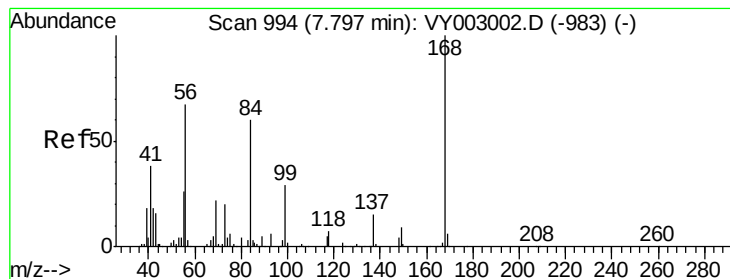
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 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: VY003048.D

Acq: 30 Jun 2020 20:26

Instrument :

MSVOA_Y

ClientSampleId :

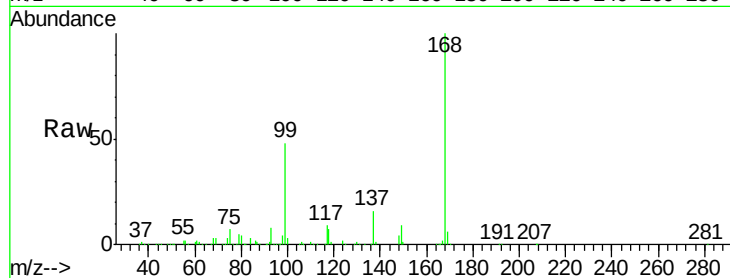
MH-D19

Tot Ion:168 Resp: 339227

Ion Ratio Lower Upper

168 100

99 48.1 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003002.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003002.D (-983) (-)

7.80

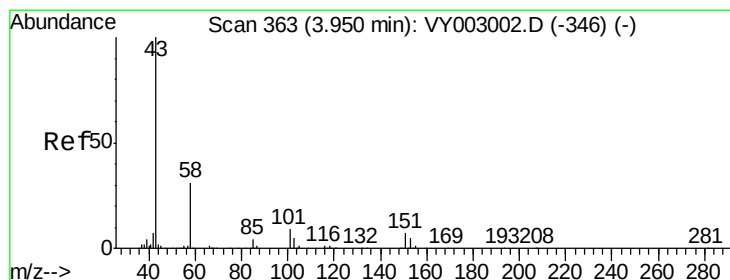
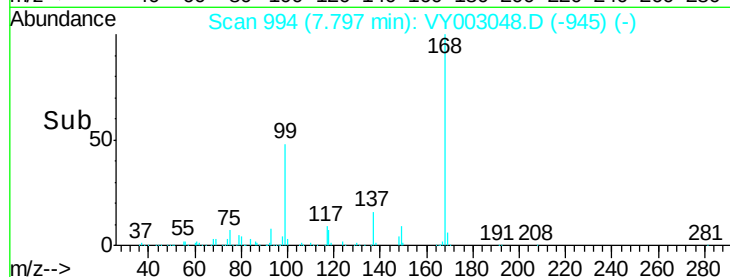
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.923 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003048.D

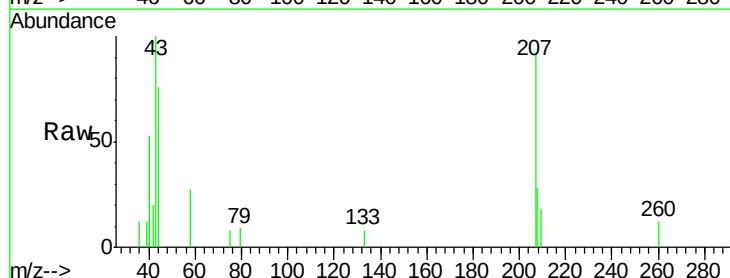
Acq: 30 Jun 2020 20:26

Tgt Ion: 43 Resp: 1528

Ion Ratio Lower Upper

43 100

58 26.5 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VY003002.D (-346) (-)

Ion 58.00 (57.70 to 58.70): VY003002.D (-346) (-)

3.96

800

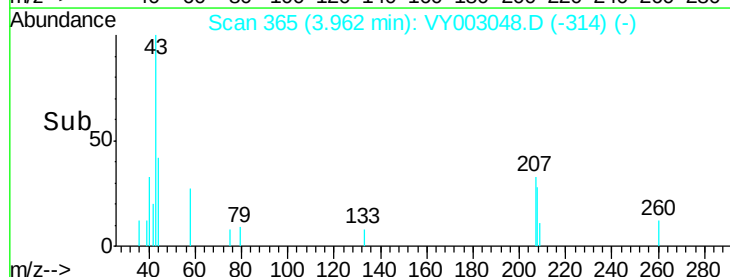
600

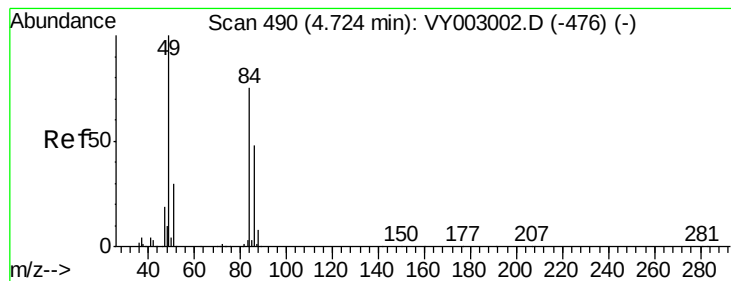
400

200

0

Time-->





#20

Methylene Chloride

Concen: 17.989 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003048.D

Acq: 30 Jun 2020 20:26

Instrument :

MSVOA_Y

ClientSampleId :

MH-D19

Tot Ion: 84 Resp: 79611

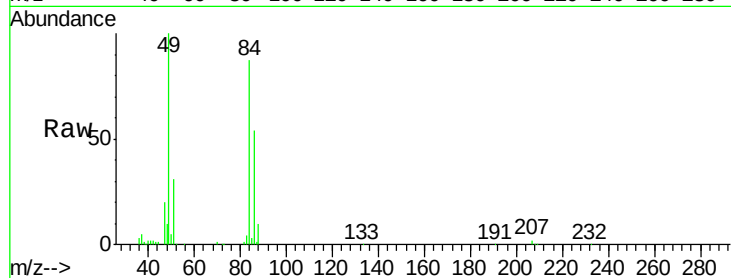
Ion Ratio Lower Upper

84 100

49 114.6 106.8 160.2

51 35.3 32.0 48.0

86 61.9 51.4 77.2

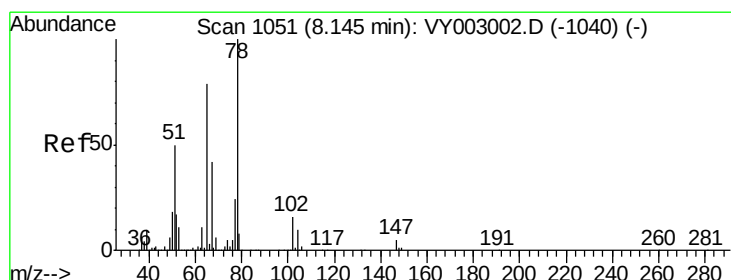
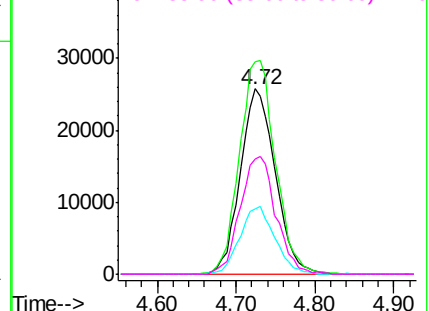
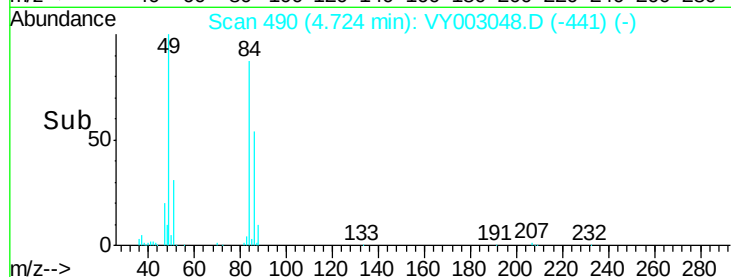


Abundance Ion 83.90 (83.60 to 84.60): VY0

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: 53.096 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VY003048.D

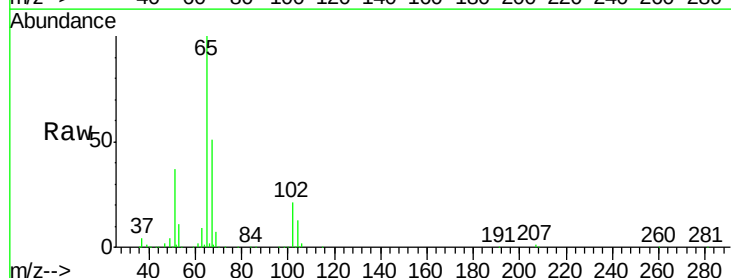
Acq: 30 Jun 2020 20:26

Tgt Ion: 65 Resp: 178890

Ion Ratio Lower Upper

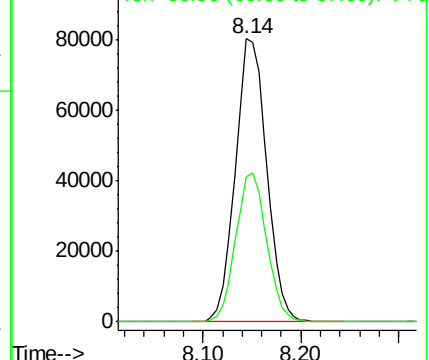
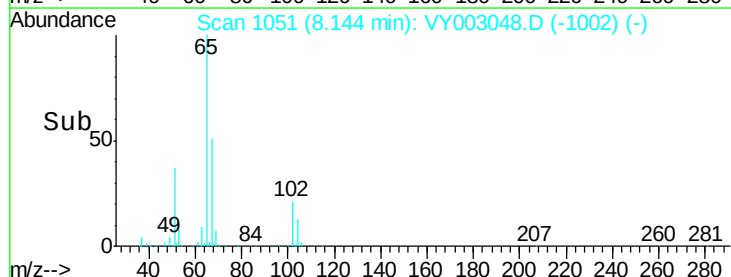
65 100

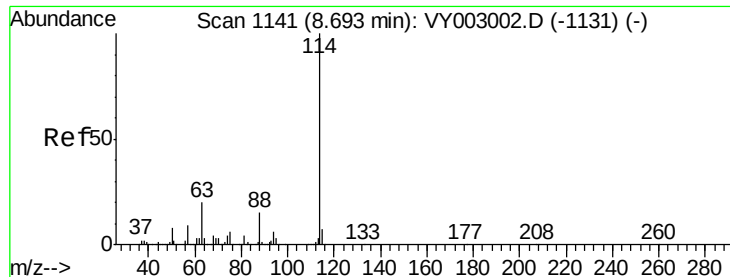
67 52.0 0.0 105.6



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: VY003048.D

Acq: 30 Jun 2020 20:26

Instrument :

MSVOA_Y

ClientSampleId :

MH-D19

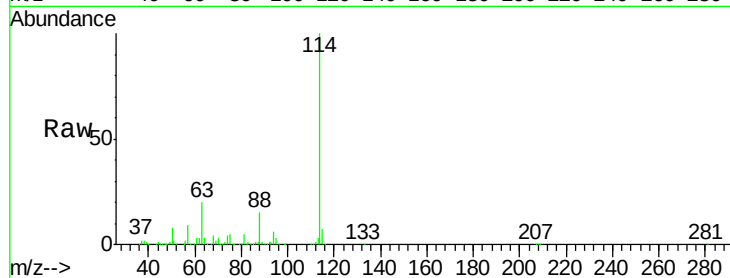
Tot Ion:114 Resp: 536402

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.6

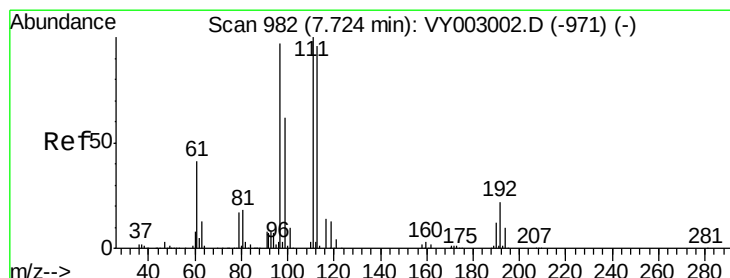
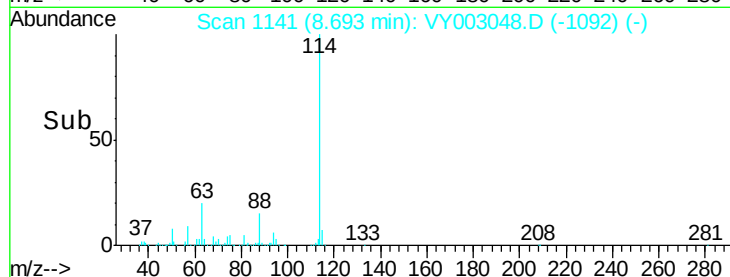
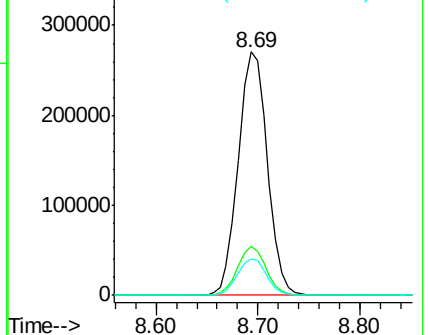
88 15.1 0.0 30.0



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: 52.689 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003048.D

Acq: 30 Jun 2020 20:26

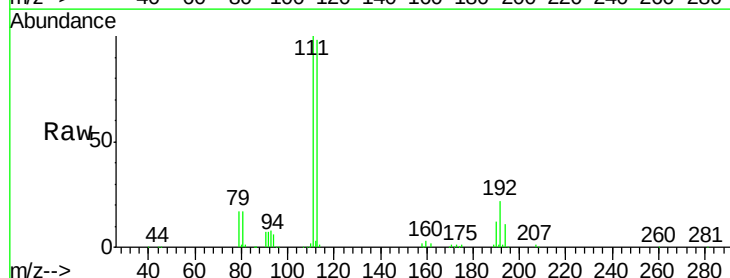
Tgt Ion:113 Resp: 176306

Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

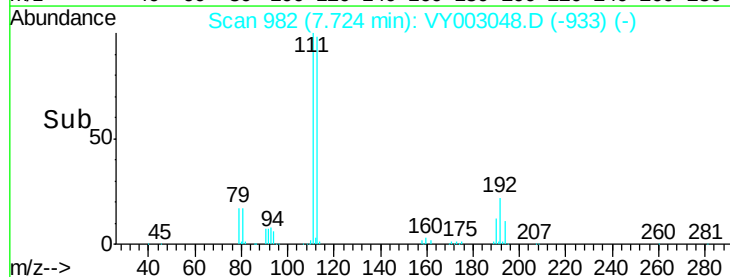
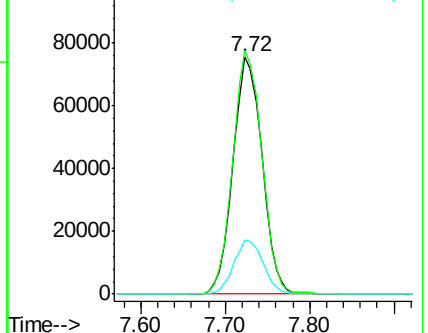
192 23.3 18.1 27.1

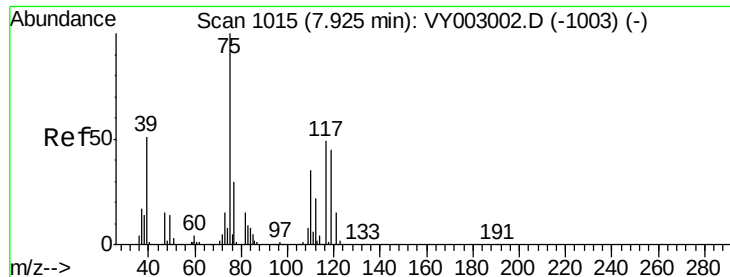


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.282 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY003048.D

Acq: 30 Jun 2020 20:26

Instrument :

MSVOA_Y

ClientSampled :

MH-D19

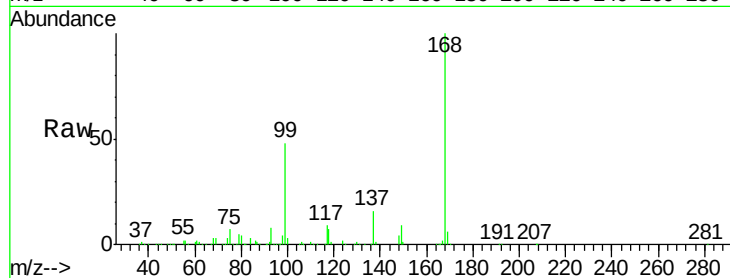
Tot Ion: 75 Resp: 22125

Ion Ratio Lower Upper

75 100

110 10.3 17.1 51.2#

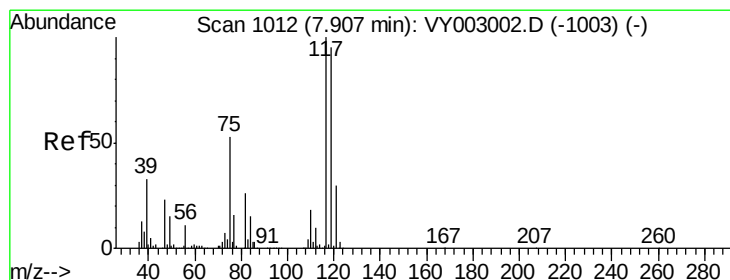
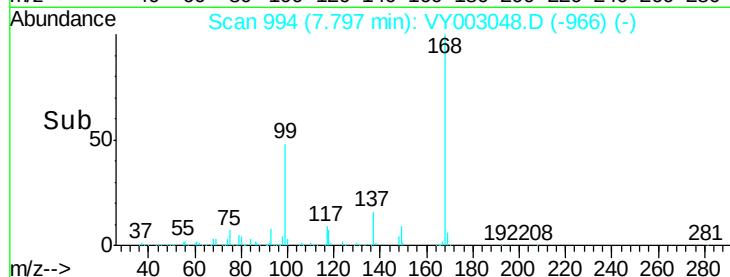
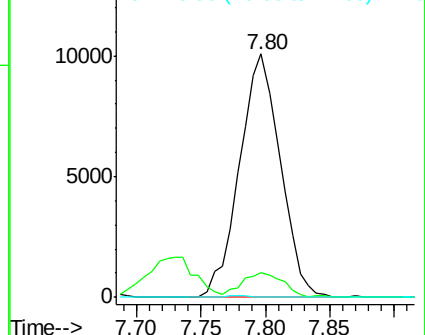
77 0.3 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#38

Carbon Tetrachloride

Concen: 5.687 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003048.D

Acq: 30 Jun 2020 20:26

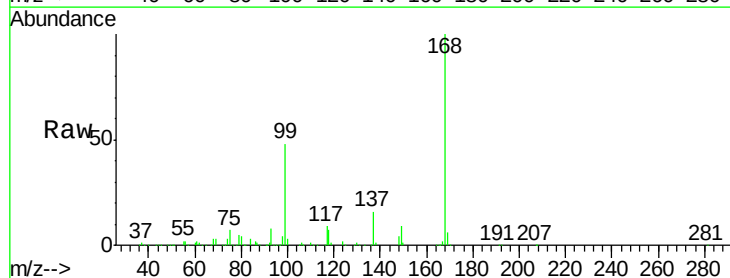
Tgt Ion: 117 Resp: 30573

Ion Ratio Lower Upper

117 100

119 6.5 75.7 113.5#

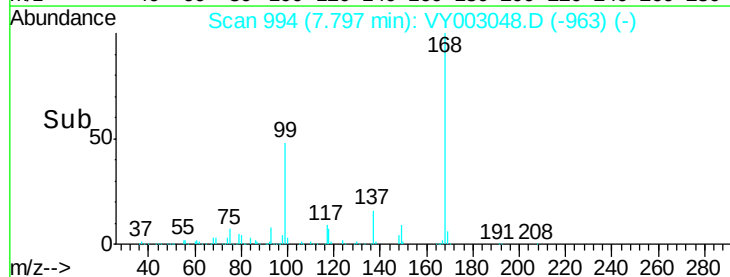
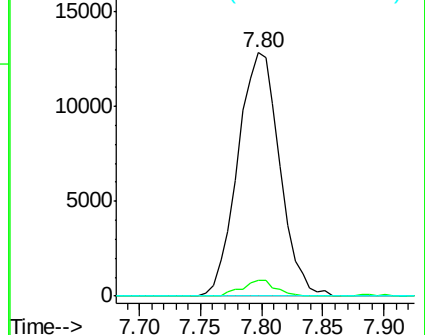
121 0.0 23.9 35.9#

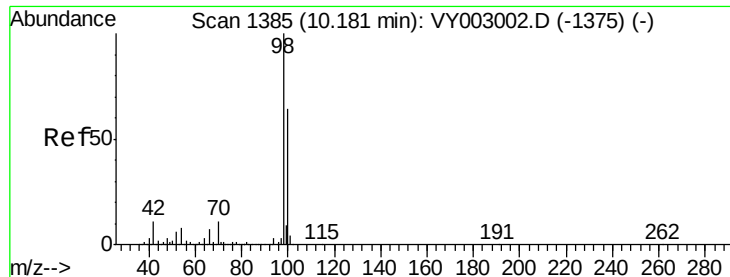


Abundance Ion 116.80 (116.50 to 117.50): VY0

Ion 118.80 (118.50 to 119.50): VY0

Ion 120.80 (120.50 to 121.50): VY0





#50

Toluene-d8

Concen: 51.347 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003048.D

Acq: 30 Jun 2020 20:26

Instrument :

MSVOA_Y

ClientSampleId :

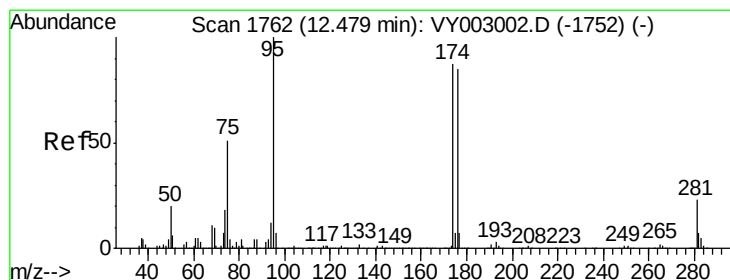
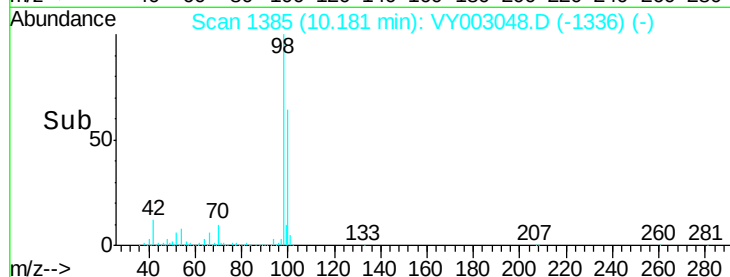
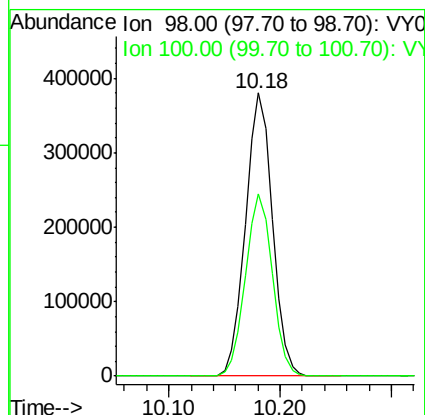
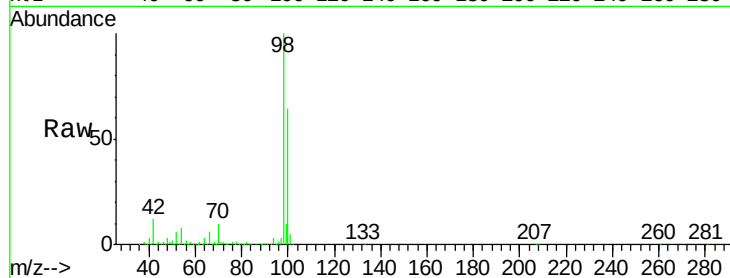
MH-D19

Tot Ion: 98 Resp: 640087

Ion Ratio Lower Upper

98 100

100 64.3 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 46.380 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003048.D

Acq: 30 Jun 2020 20:26

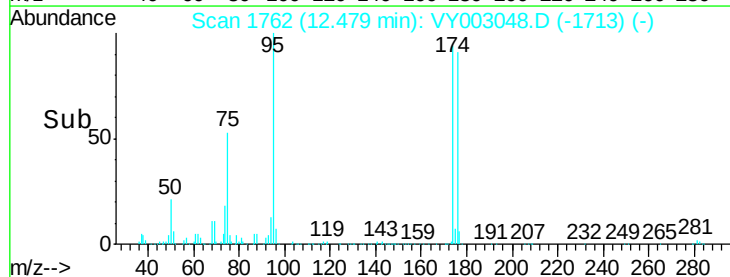
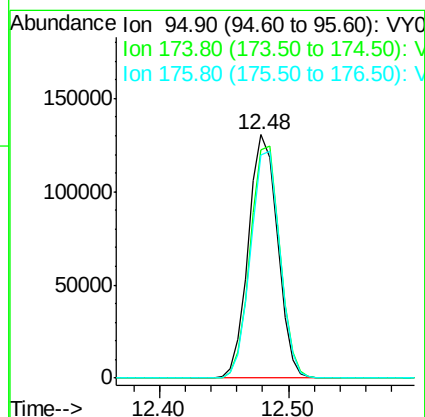
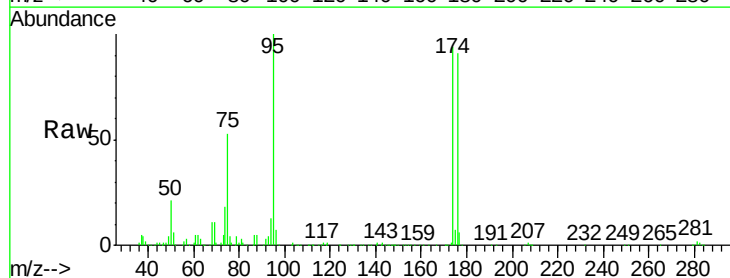
Tgt Ion: 95 Resp: 203517

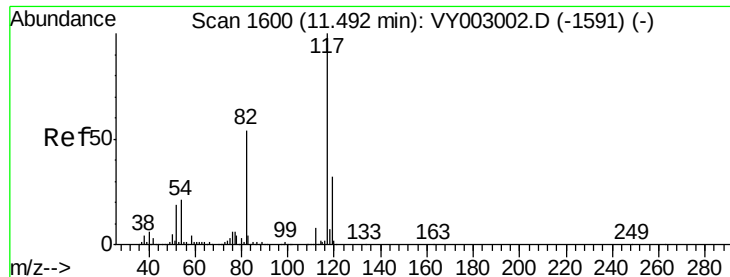
Ion Ratio Lower Upper

95 100

174 96.3 0.0 184.8

176 93.4 0.0 183.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003048.D

Acq: 30 Jun 2020 20:26

Instrument :

MSVOA_Y

ClientSampleId :

MH-D19

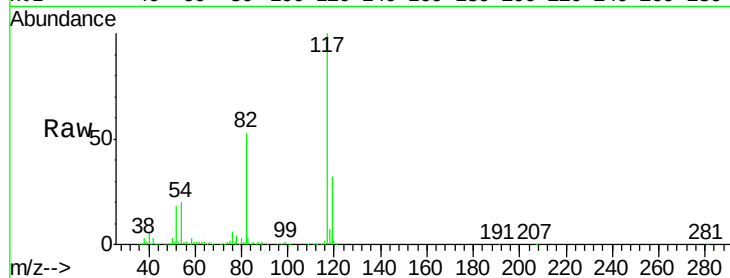
Tot Ion:117 Resp: 488319

Ion Ratio Lower Upper

117 100

82 52.6 43.0 64.6

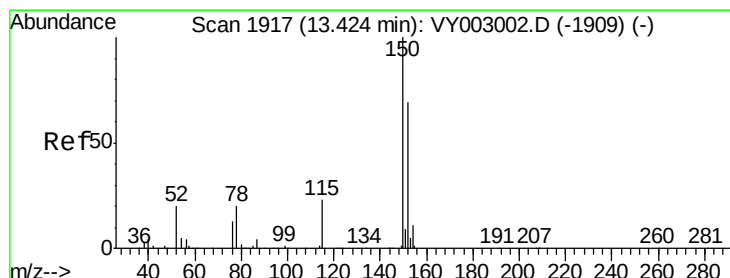
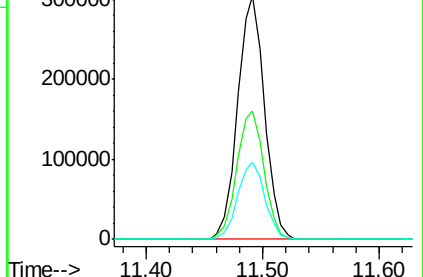
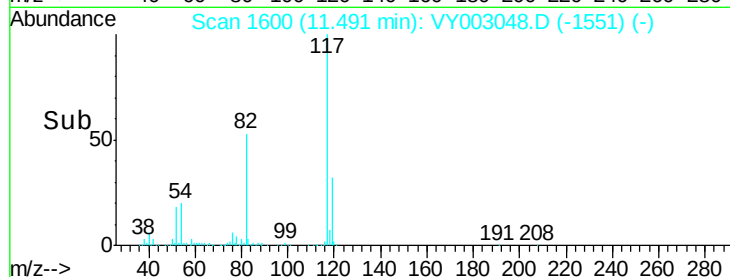
119 31.6 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VY003048.D

Acq: 30 Jun 2020 20:26

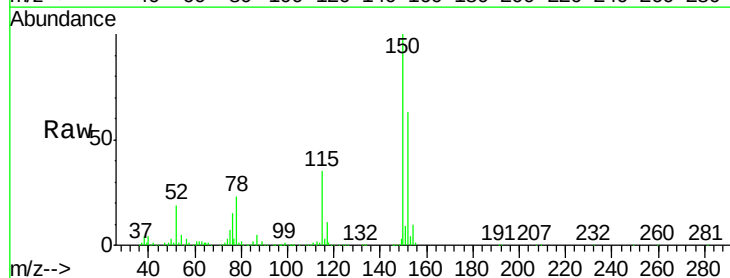
Tgt Ion:152 Resp: 215281

Ion Ratio Lower Upper

152 100

115 54.2 27.3 81.9

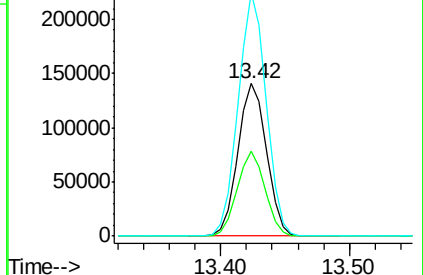
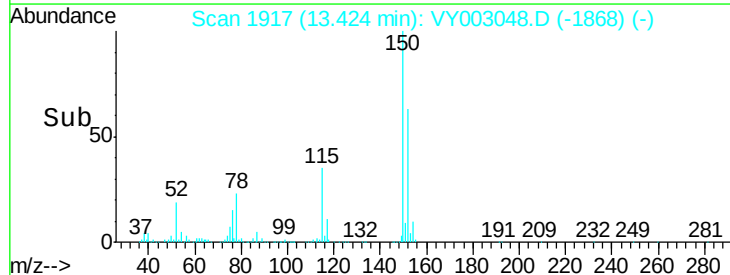
150 155.9 0.0 343.4

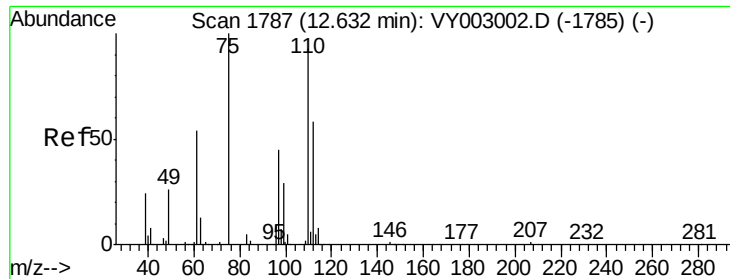


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 49.186 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003048.D

Acq: 30 Jun 2020 20:26

Instrument :

MSVOA_Y

ClientSampleId :

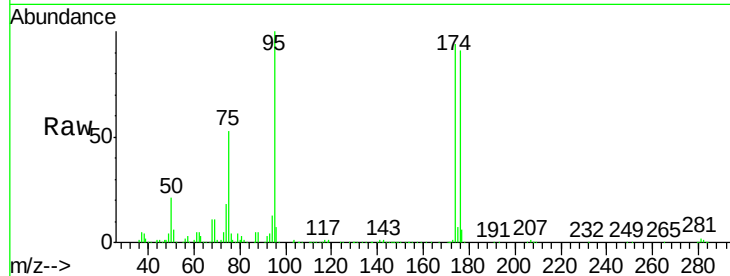
MH-D19

Tot Ion: 75 Resp: 104796

Ion Ratio Lower Upper

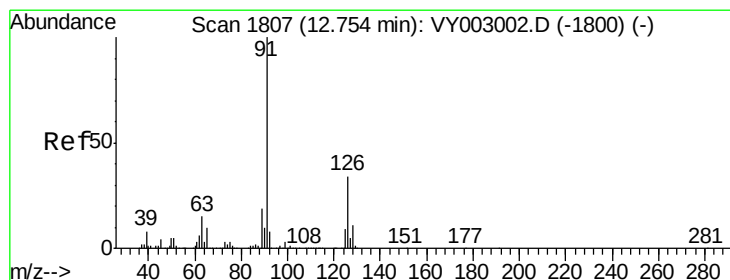
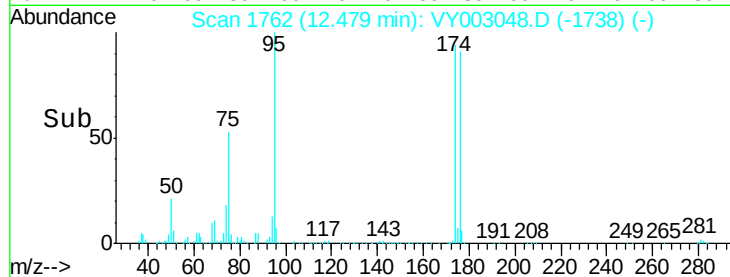
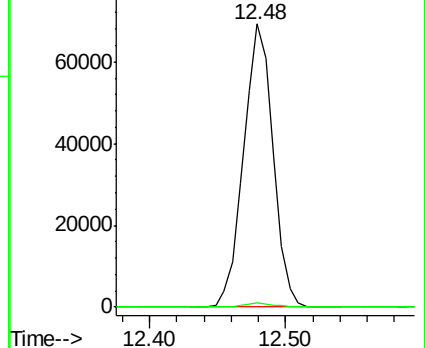
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



#79

2-Chlorotoluene

Concen: 1.595 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003048.D

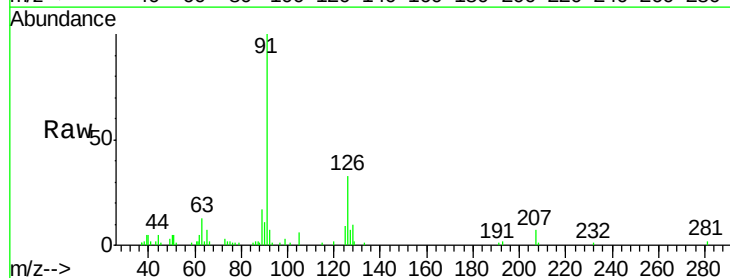
Acq: 30 Jun 2020 20:26

Tgt Ion: 91 Resp: 15088

Ion Ratio Lower Upper

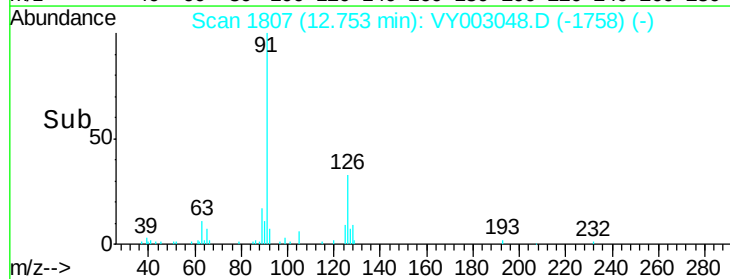
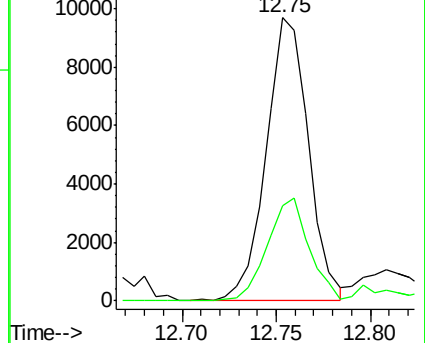
91 100

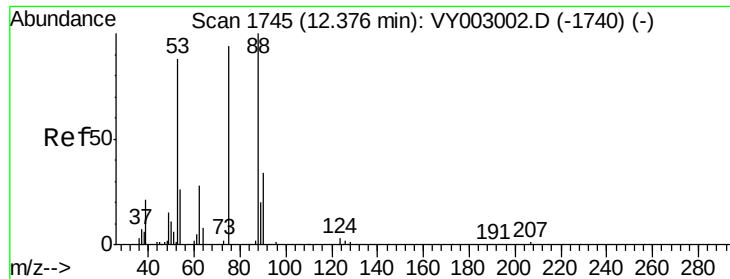
126 35.9 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

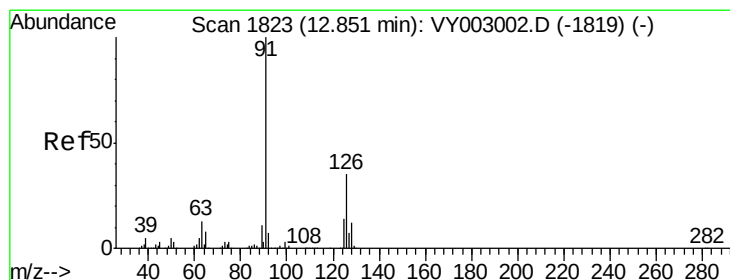
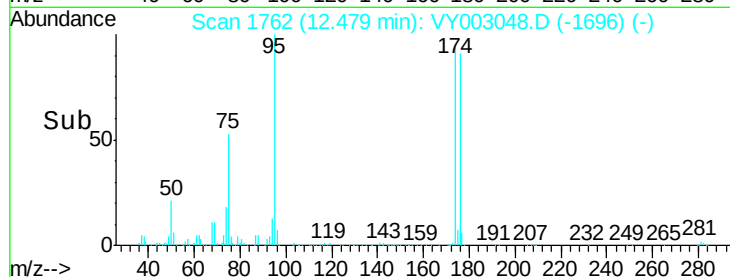
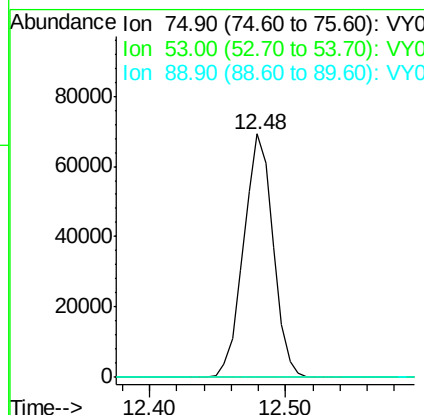
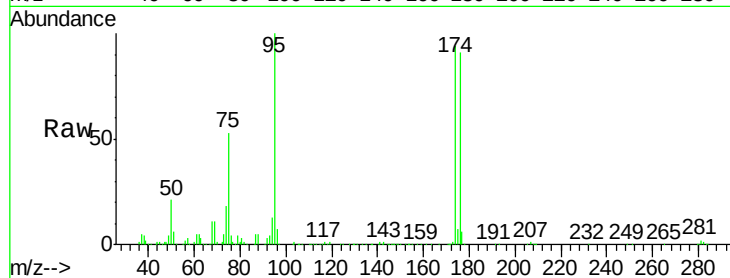




#81
trans-1,4-Dichloro-2-butene
Concen: 95.695 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY003048.D
Acq: 30 Jun 2020 20:26

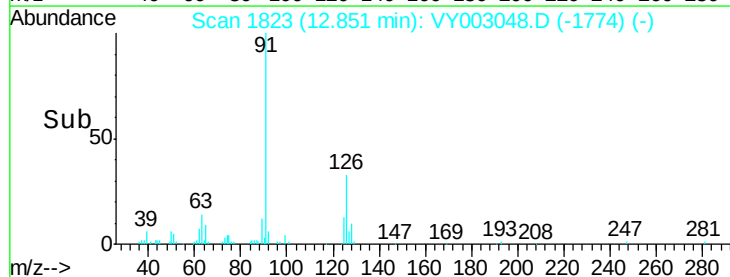
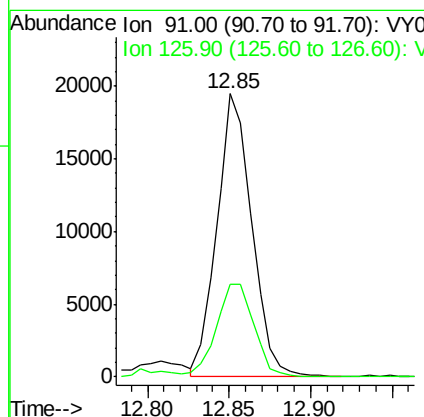
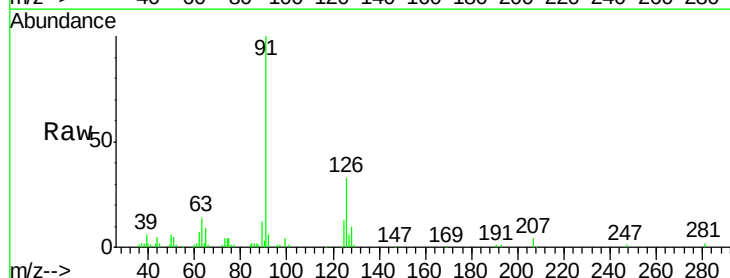
Instrument :
MSVOA_Y
ClientSampleId :
MH-D19

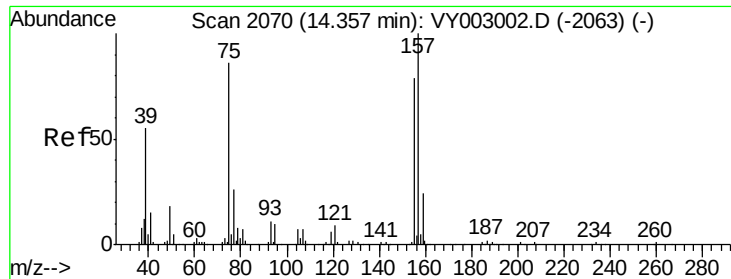
Tot Ion: 75 Resp: 104796
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.1 37.5 56.3#



#82
4-Chlorotoluene
Concen: 2.950 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY003048.D
Acq: 30 Jun 2020 20:26

Tgt Ion: 91 Resp: 29046
Ion Ratio Lower Upper
91 100
126 35.4 17.4 52.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.671 ug/l

RT: 14.47 min Scan# 2088

Delta R.T. 0.11 min

Lab File: VY003048.D

Acq: 30 Jun 2020 20:26

Instrument :

MSVOA_Y

ClientSampleId :

MH-D19

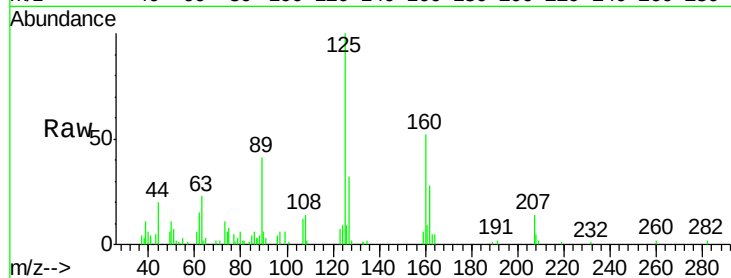
Tot Ion: 75 Resp: 841

Ion Ratio Lower Upper

75 100

155 0.0 46.5 139.3#

157 0.0 59.2 177.5#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

