

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY061120\
 Data File : VY002888.D
 Acq On : 11 Jun 2020 13:46
 Operator : SY/MD
 Sample : L2819-01
 Misc : 6.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-02-061020

Quant Time: Jun 11 16:40:09 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	242181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	394810	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	357185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	158086	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	121107	57.59	ug/l	0.00
Spiked Amount			Recovery	=	115.18%	
35) Dibromofluoromethane	7.73	113	121622	52.56	ug/l	0.00
Spiked Amount			Recovery	=	105.12%	
50) Toluene-d8	10.18	98	456151	48.76	ug/l	0.00
Spiked Amount			Recovery	=	97.52%	
62) 4-Bromofluorobenzene	12.48	95	146720	45.89	ug/l	0.00
Spiked Amount			Recovery	=	91.78%	

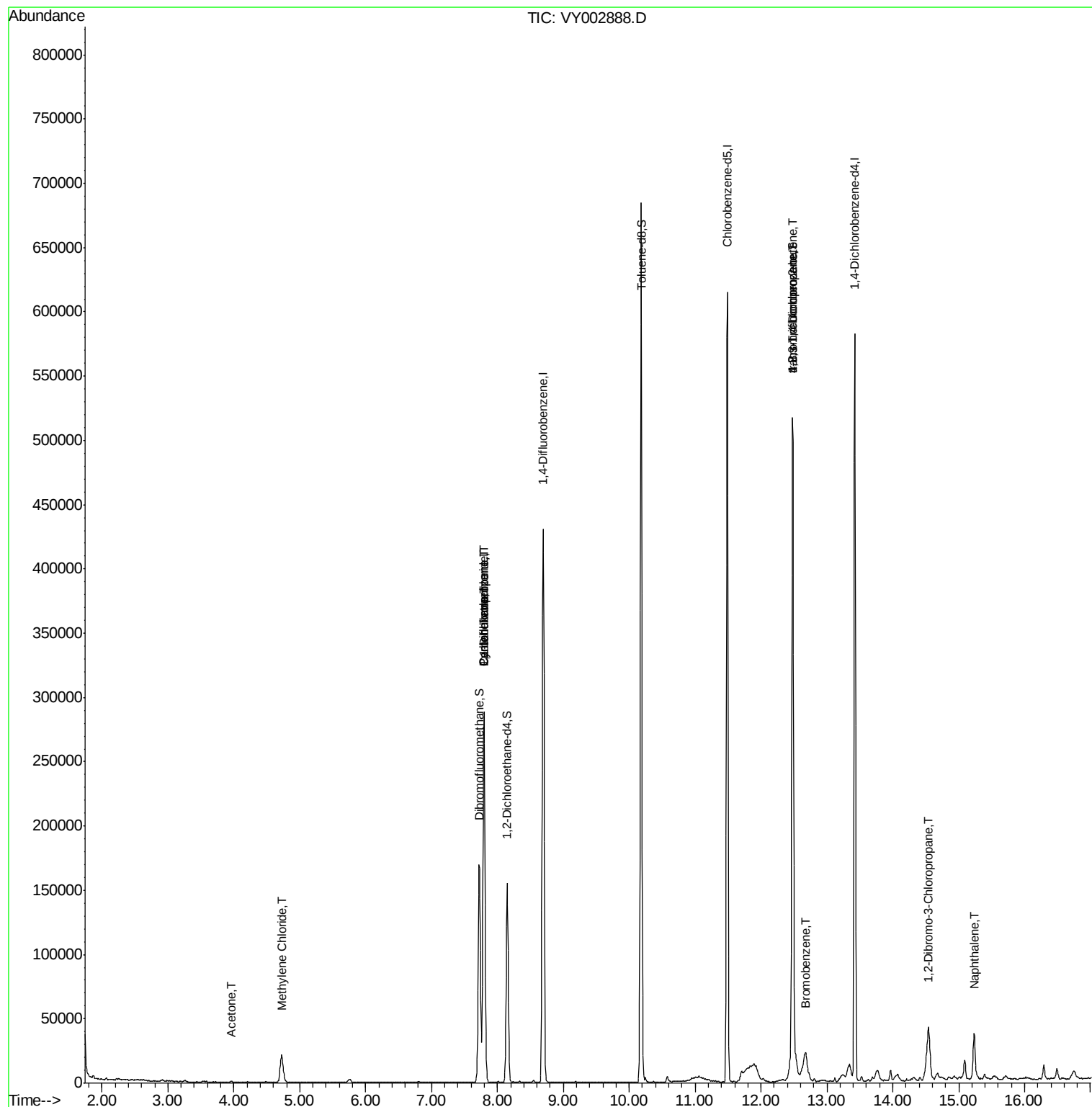
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.96	43	1128	2.29	ug/l #	75
18) Methyl Acetate	4.50	43	470	Below Cal	#	59
20) Methylene Chloride	4.73	84	17393	7.22	ug/l	98
31) Cyclohexane	7.80	56	3918	1.10	ug/l #	4
36) 1,1-Dichloropropene	7.79	75	14949	4.49	ug/l #	49
38) Carbon Tetrachloride	7.80	117	22153	6.00	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	71545	50.23	ug/l #	100
77) Bromobenzene	12.67	156	29010	11.00	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.48	75	71545	94.63	ug/l #	17
92) 1,2-Dibromo-3-Chloropropan	14.54	75	2555	7.47	ug/l #	1
95) Naphthalene	15.23	128	17498	2.56	ug/l #	95

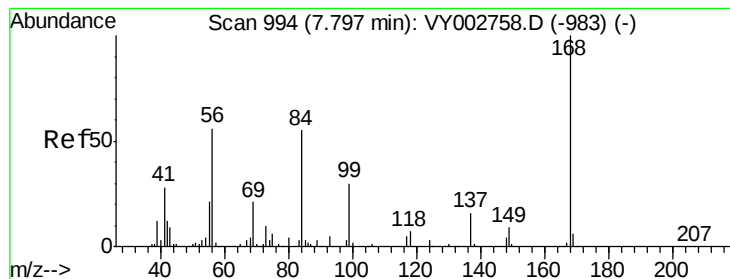
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY061120\
Data File : VY002888.D
Acq On : 11 Jun 2020 13:46
Operator : SY/MD
Sample : L2819-01
Misc : 6.06G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BU-02-061020

Quant Time: Jun 11 16:40:09 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: VY002888.D

Acq: 11 Jun 2020 13:46

Instrument :

MSVOA_Y

ClientSampleId :

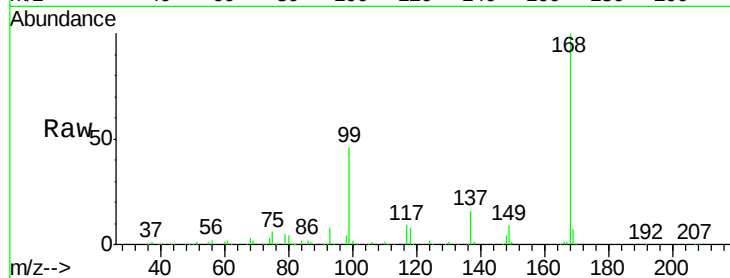
BU-02-061020

Tgt Ion:168 Resp: 242181

Ion Ratio Lower Upper

168 100

99 46.4 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002888.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002888.D (-945) (-)

7.80

120000

100000

80000

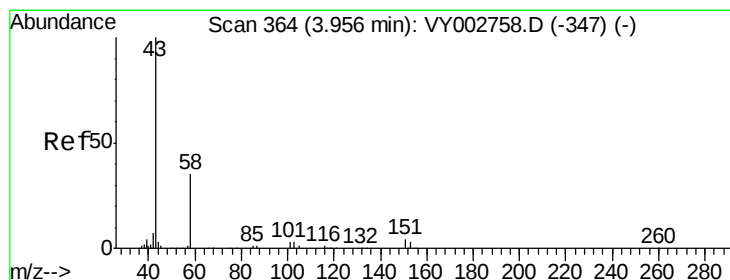
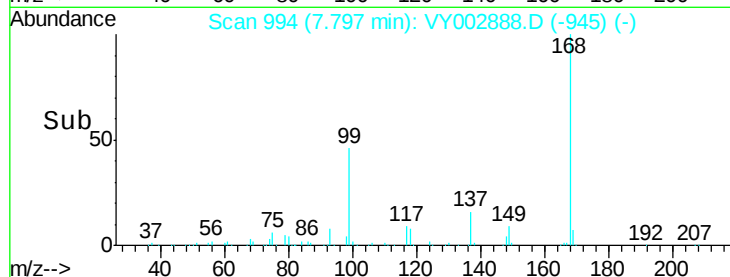
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 2.29 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY002888.D

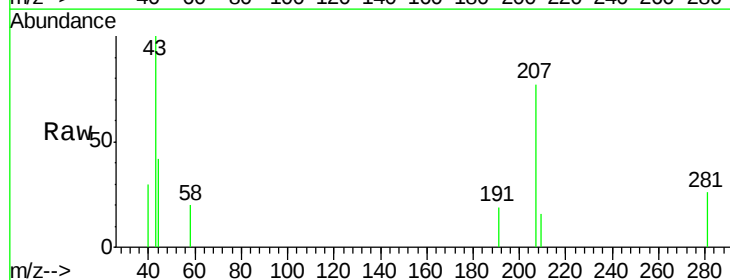
Acq: 11 Jun 2020 13:46

Tgt Ion: 43 Resp: 1128

Ion Ratio Lower Upper

43 100

58 20.3 27.7 41.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002888.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY002888.D (-315) (-)

3.96

500

400

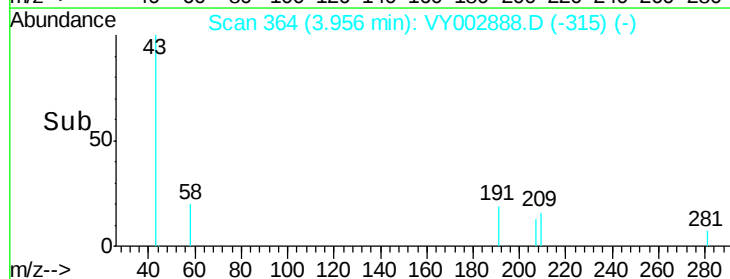
300

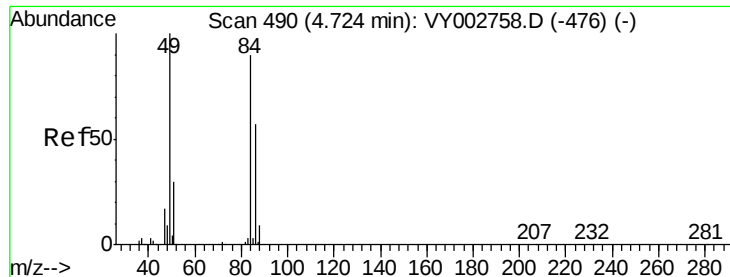
200

100

0

Time-->

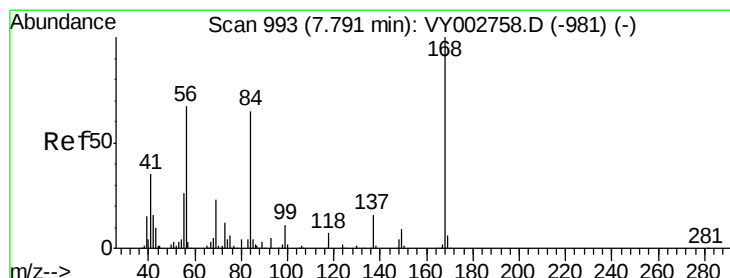
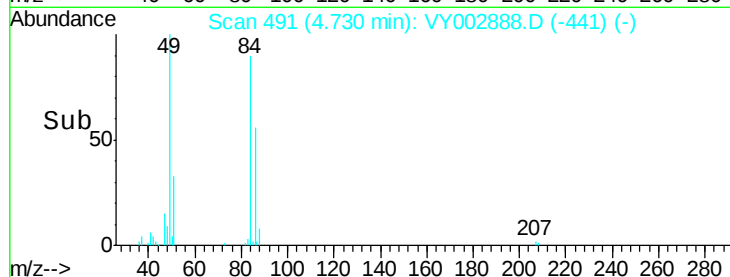
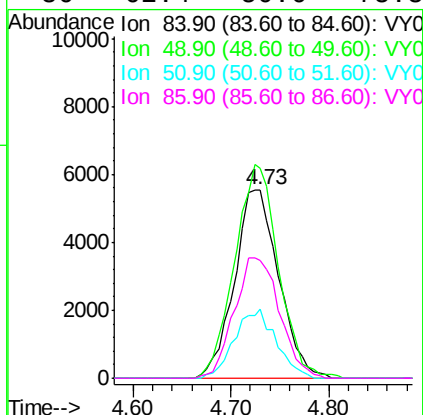
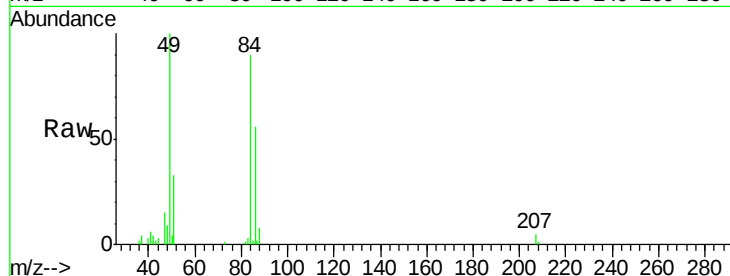




#20
Methylene Chloride
Concen: 7.22 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY002888.D
Acq: 11 Jun 2020 13:46

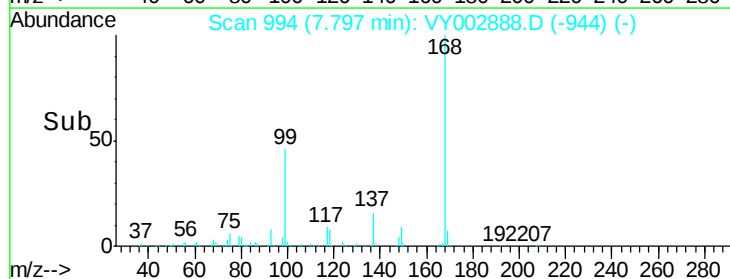
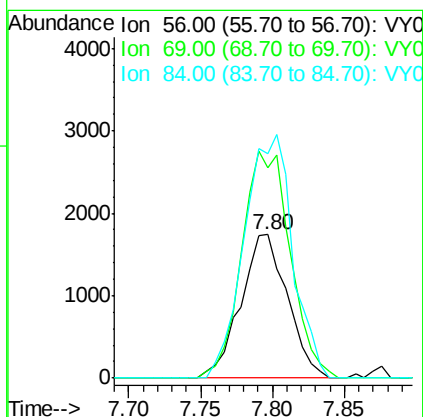
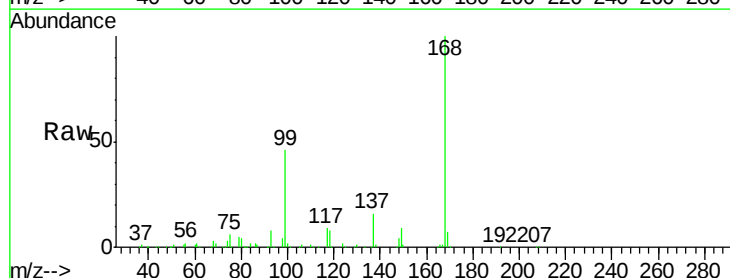
Instrument :
MSVOA_Y
ClientSampleId :
BU-02-061020

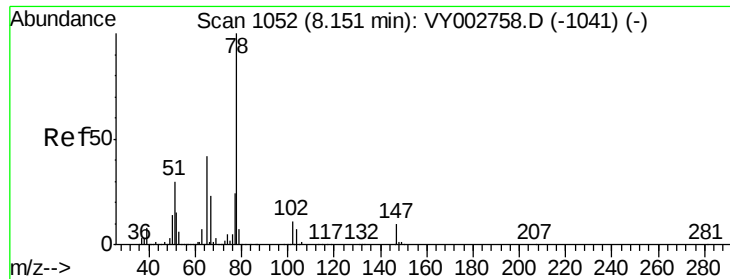
Tgt Ion:	84	Resp:	17393
Ion	Ratio	Lower	Upper
84	100		
49	111.4	88.5	132.7
51	36.4	26.8	40.2
86	62.4	50.6	75.8



#31
Cyclohexane
Concen: 1.10 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY002888.D
Acq: 11 Jun 2020 13:46

Tgt Ion:	56	Resp:	3918
Ion	Ratio	Lower	Upper
56	100		
69	146.8	28.0	42.0#
84	156.7	77.7	116.5#

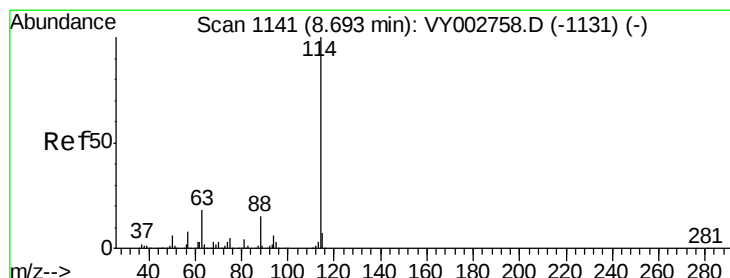
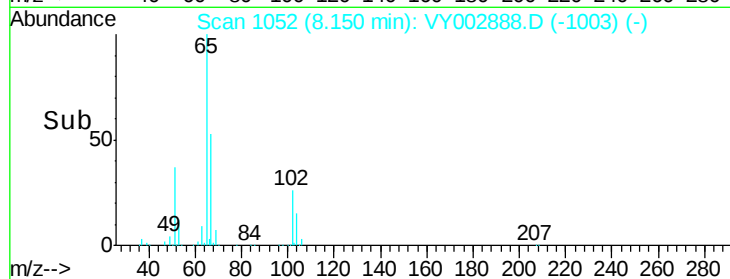
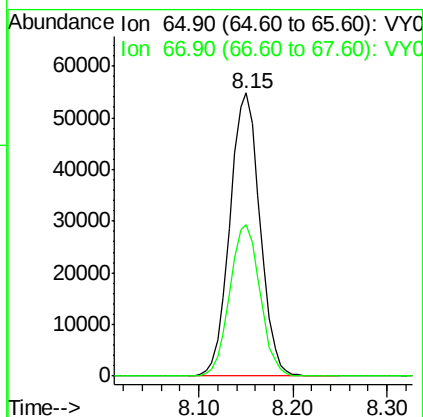
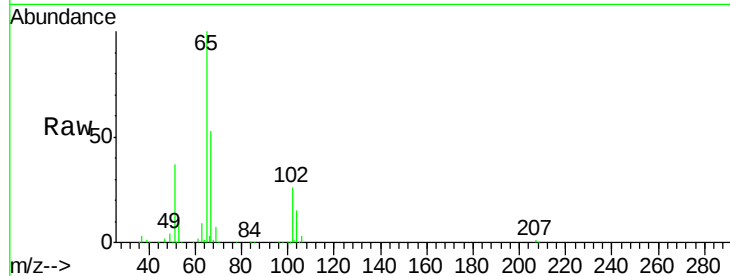




#33
 1,2-Dichloroethane-d4
 Concen: 57.59 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY002888.D
 Acq: 11 Jun 2020 13:46

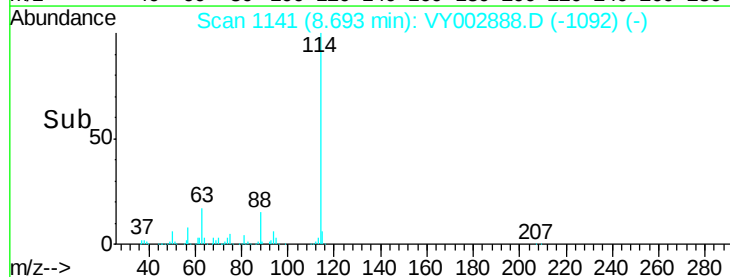
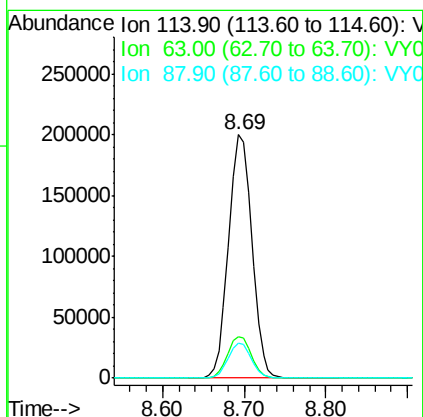
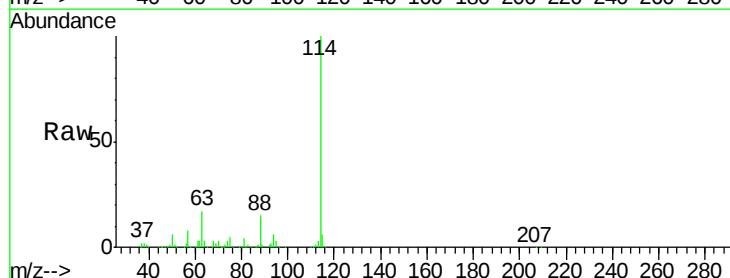
Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-02-061020

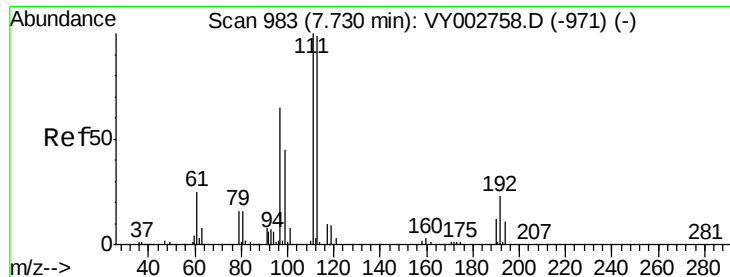
Tgt Ion: 65 Resp: 121107
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002888.D
 Acq: 11 Jun 2020 13:46

Tgt Ion: 114 Resp: 394810
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 35.2
 88 14.6 0.0 29.2

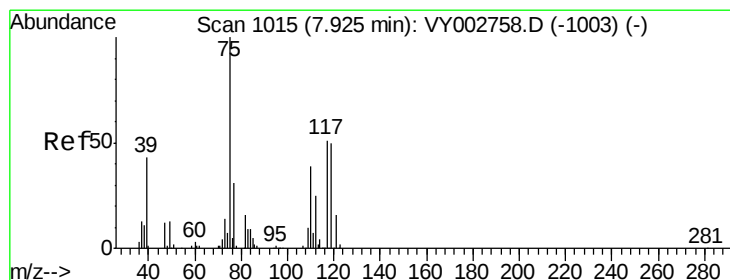
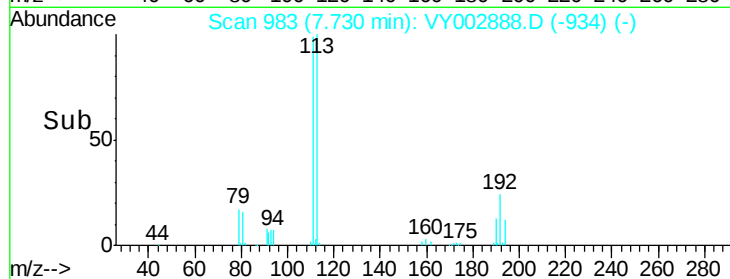
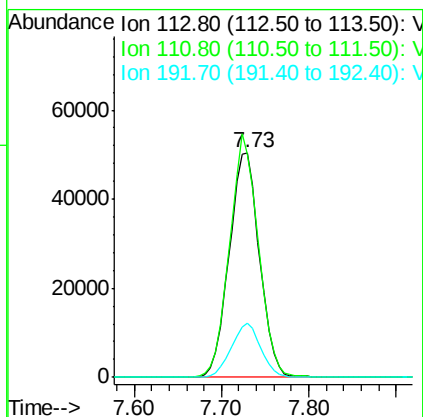
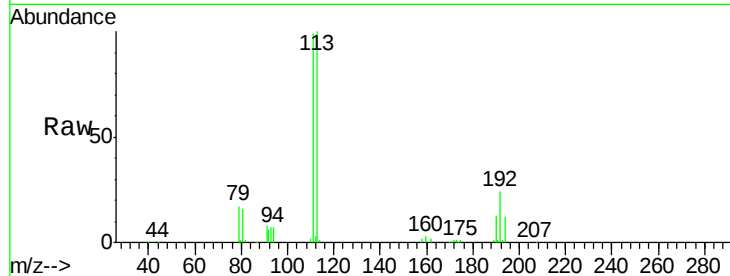




#35
 Dibromofluoromethane
 Concen: 52.56 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY002888.D
 Acq: 11 Jun 2020 13:46

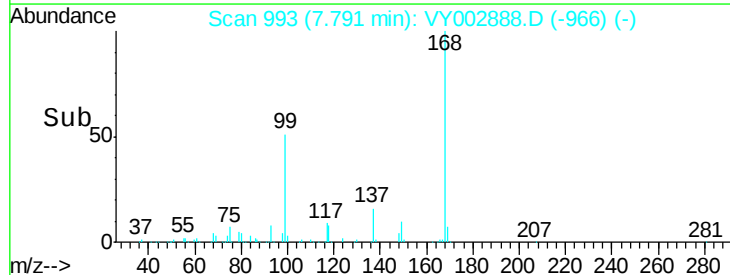
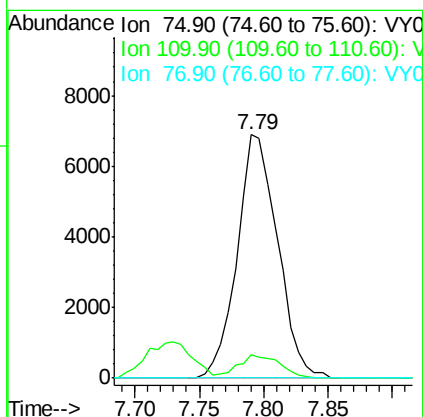
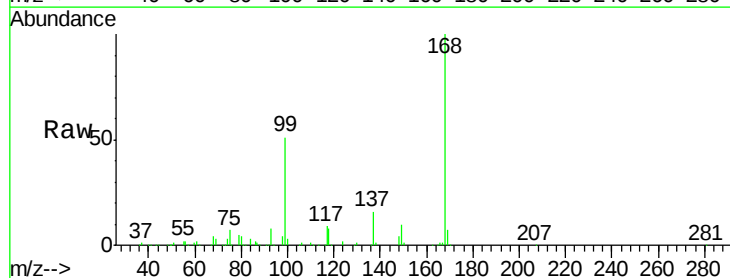
Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-02-061020

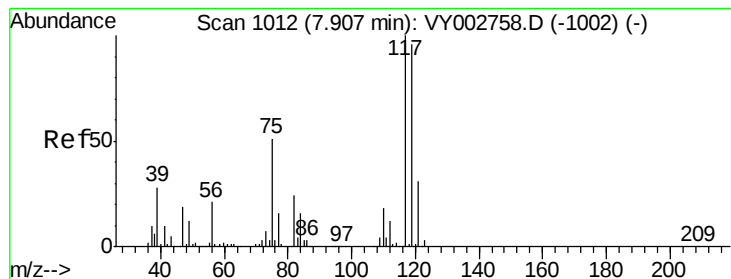
Tgt Ion: 113 Resp: 121622
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.0 123.0
 192 23.4 18.9 28.3



#36
 1,1-Dichloropropene
 Concen: 4.49 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY002888.D
 Acq: 11 Jun 2020 13:46

Tgt Ion: 75 Resp: 14949
 Ion Ratio Lower Upper
 75 100
 110 9.7 19.3 57.9#
 77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 6.00 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY002888.D

Acq: 11 Jun 2020 13:46

Instrument :

MSVOA_Y

ClientSampleId :

BU-02-061020

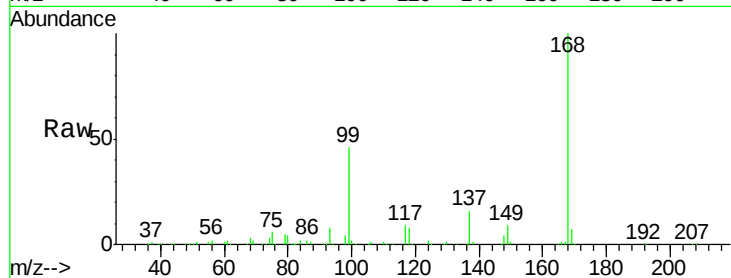
Tgt Ion:117 Resp: 22153

Ion Ratio Lower Upper

117 100

119 4.9 76.8 115.2#

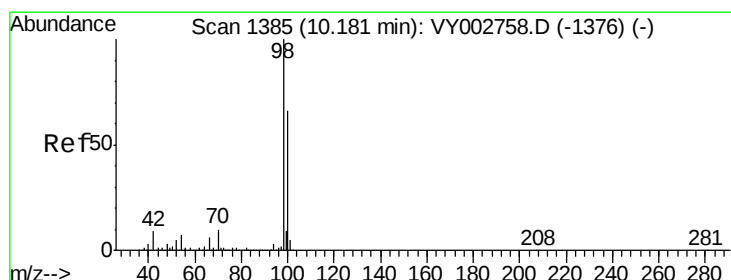
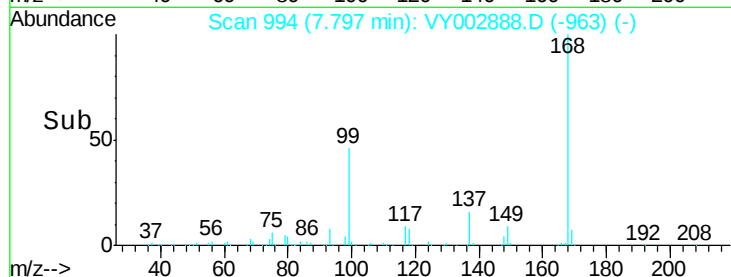
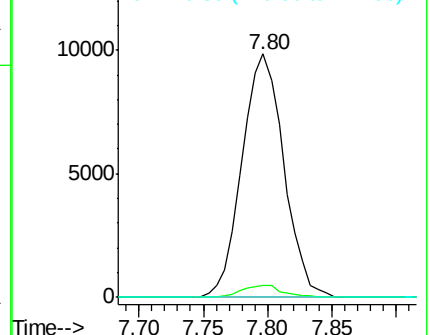
121 0.0 24.8 37.2#



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: 48.76 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY002888.D

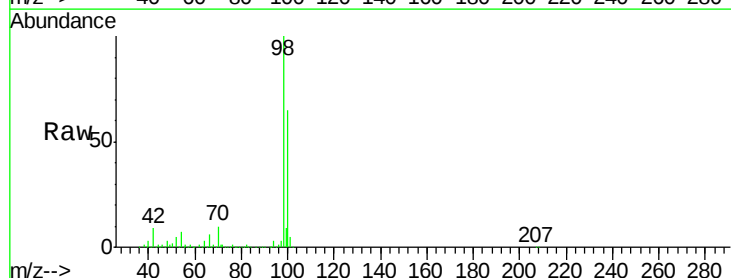
Acq: 11 Jun 2020 13:46

Tgt Ion: 98 Resp: 456151

Ion Ratio Lower Upper

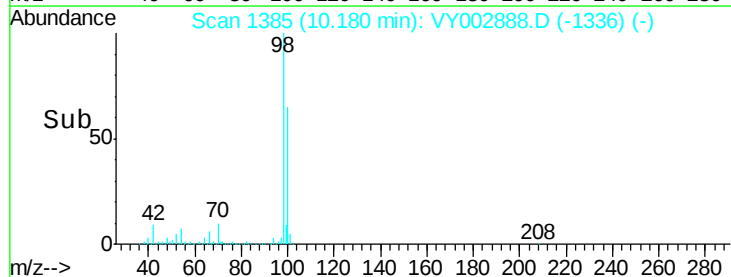
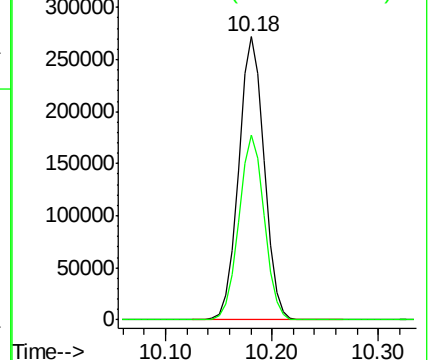
98 100

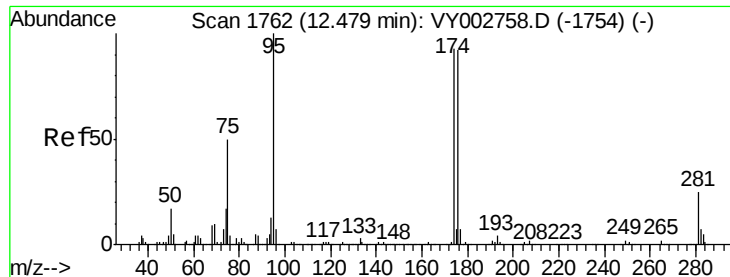
100 64.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 45.89 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY002888.D

Acq: 11 Jun 2020 13:46

Instrument :

MSVOA_Y

ClientSampleId :

BU-02-061020

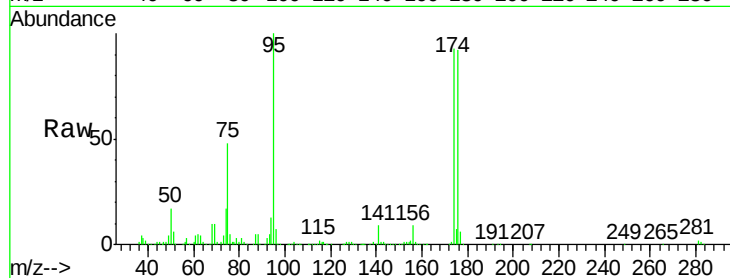
Tgt Ion: 95 Resp: 146720

Ion Ratio Lower Upper

95 100

174 95.9 0.0 191.2

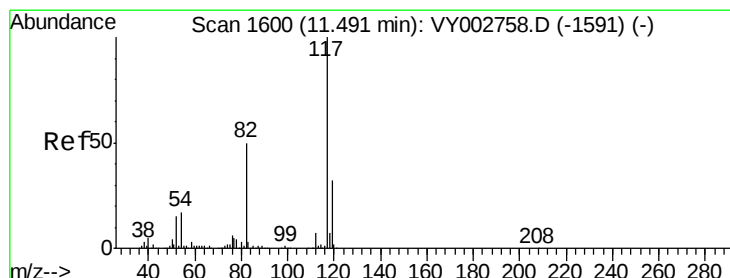
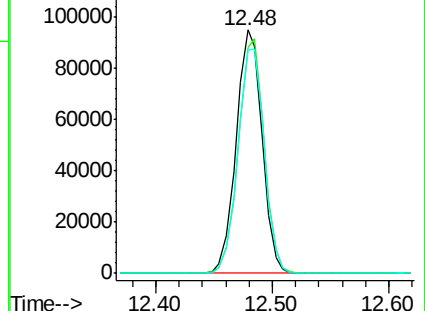
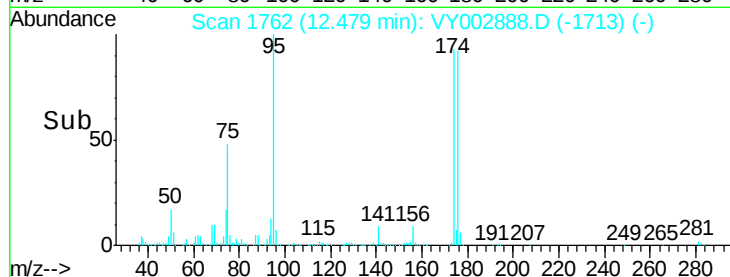
176 93.7 0.0 188.8



Abundance Ion 94.90 (94.60 to 95.60): VY002888.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY002888.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY002888.D (-1713) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY002888.D

Acq: 11 Jun 2020 13:46

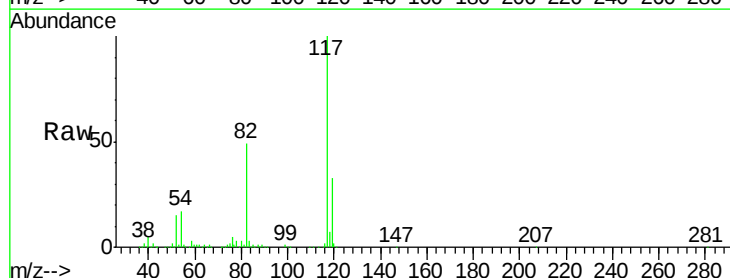
Tgt Ion: 117 Resp: 357185

Ion Ratio Lower Upper

117 100

82 49.0 40.2 60.4

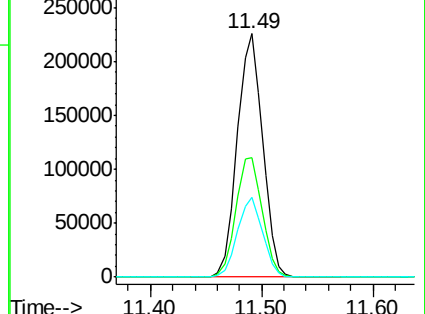
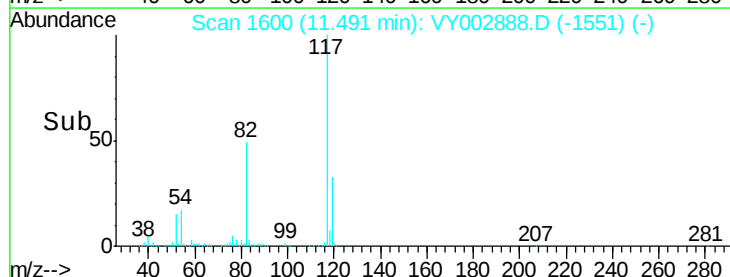
119 32.6 25.8 38.8

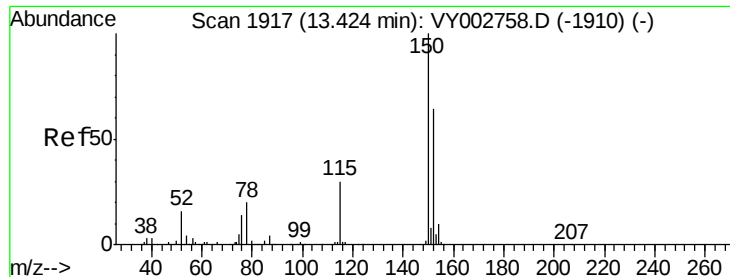


Abundance Ion 116.90 (116.60 to 117.60): VY002888.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY002888.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY002888.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: VY002888.D

Acq: 11 Jun 2020 13:46

Instrument :

MSVOA_Y

ClientSampleId :

BU-02-061020

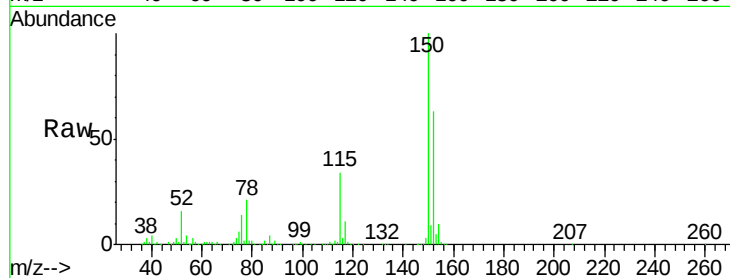
Tgt Ion:152 Resp: 158086

Ion Ratio Lower Upper

152 100

115 54.2 27.0 81.0

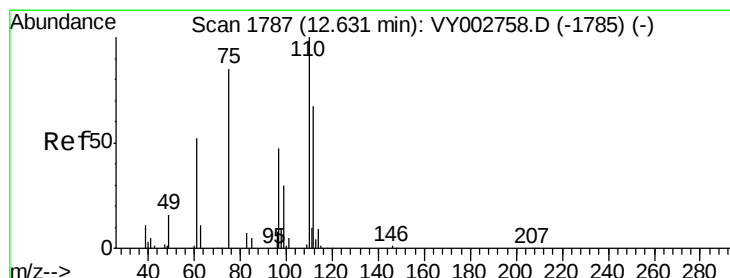
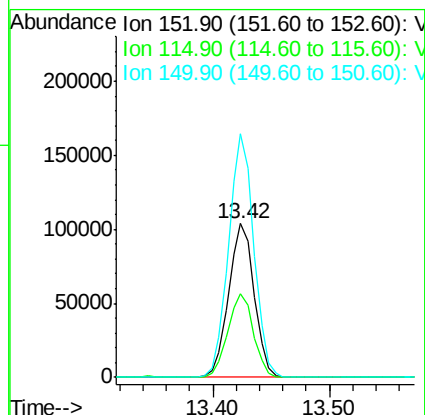
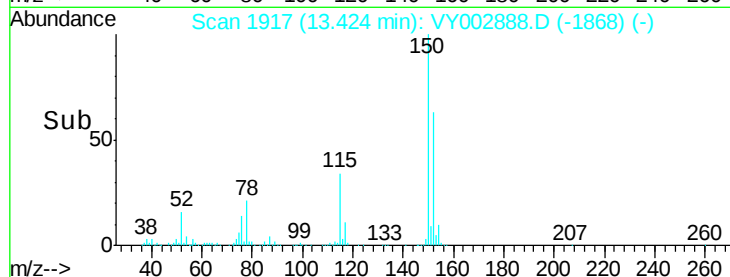
150 155.8 0.0 344.8



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: 50.23 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002888.D

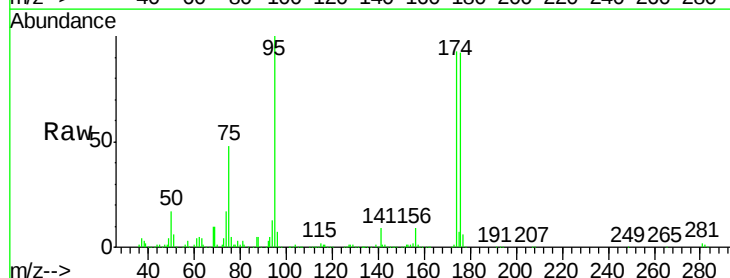
Acq: 11 Jun 2020 13:46

Tgt Ion: 75 Resp: 71545

Ion Ratio Lower Upper

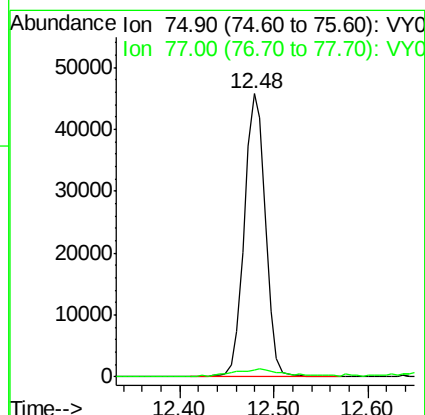
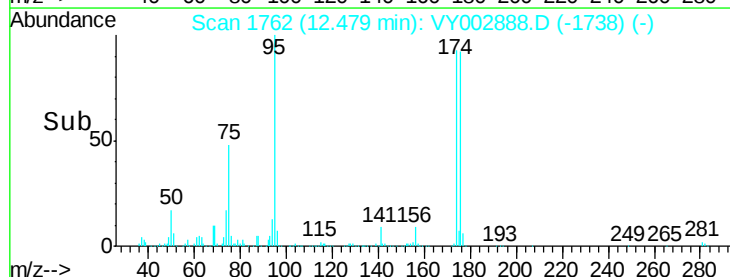
75 100

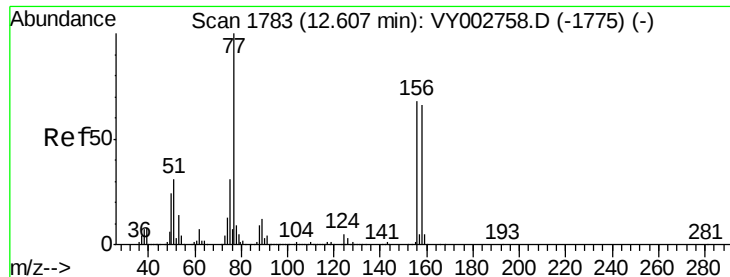
77 7.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 11.00 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.07 min

Lab File: VY002888.D

Acq: 11 Jun 2020 13:46

Instrument :

MSVOA_Y

ClientSampleId :

BU-02-061020

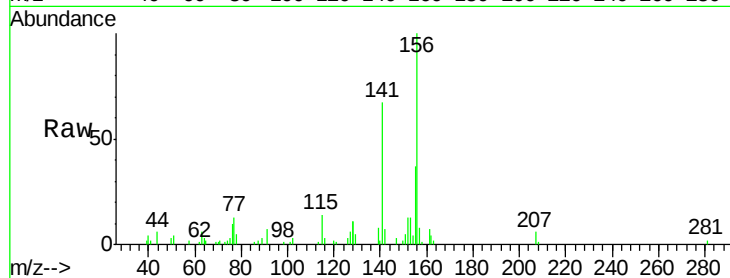
Tgt Ion:156 Resp: 29010

Ion Ratio Lower Upper

156 100

77 5.2 81.4 244.2#

158 0.2 48.5 145.6#

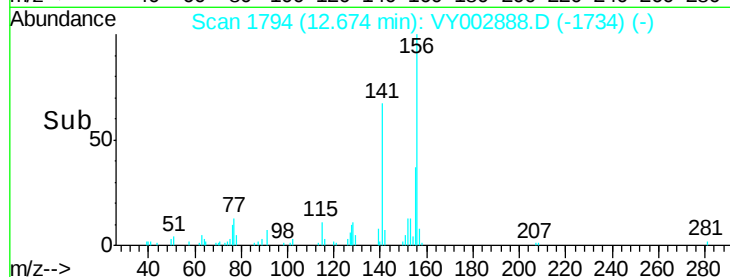


Abundance Ion 155.80 (155.50 to 156.50): V

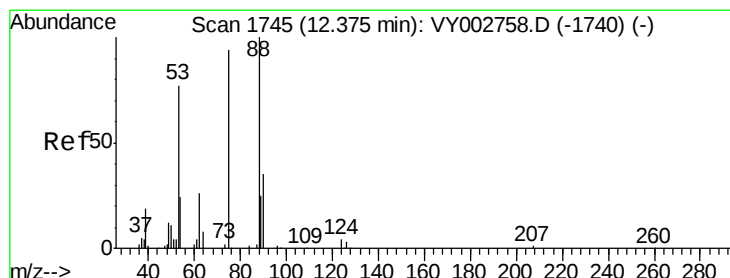
Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V

Time--> 12.50 12.60 12.70 12.80



Time--> 12.50 12.60 12.70 12.80



#81

trans-1,4-Dichloro-2-butene

Concen: 94.63 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002888.D

Acq: 11 Jun 2020 13:46

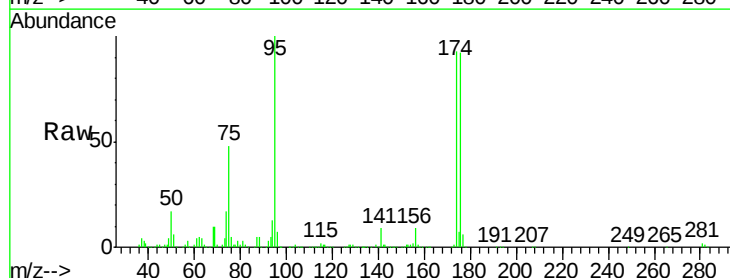
Tgt Ion: 75 Resp: 71545

Ion Ratio Lower Upper

75 100

53 0.1 64.0 96.0#

89 0.9 37.4 56.2#

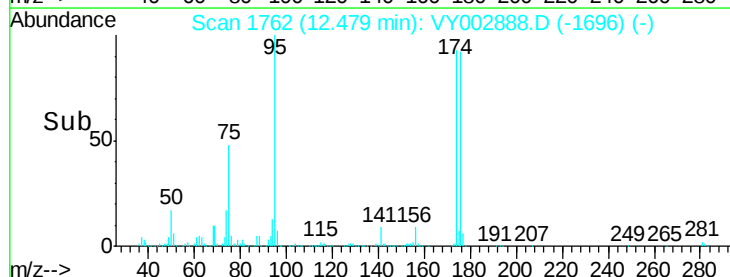


Abundance Ion 74.90 (74.60 to 75.60): VY0

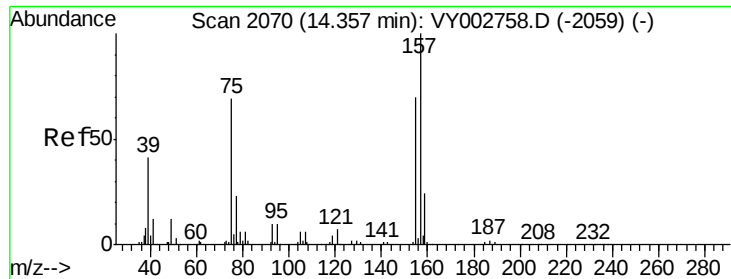
Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

Time--> 12.40 12.50 12.60



Time--> 12.40 12.50 12.60



#92

1,2-Dibromo-3-Chloropropane

Concen: 7.47 ug/l

RT: 14.54 min Scan# 2100

Delta R.T. 0.18 min

Lab File: VY002888.D

Acq: 11 Jun 2020 13:46

Instrument :

MSVOA_Y

ClientSampleId :

BU-02-061020

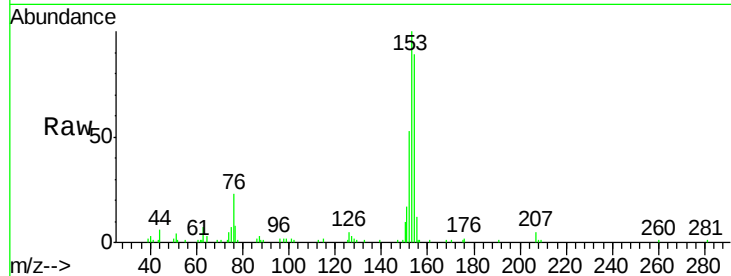
Tgt Ion: 75 Resp: 2555

Ion Ratio Lower Upper

75 100

155 193.4 53.5 160.5#

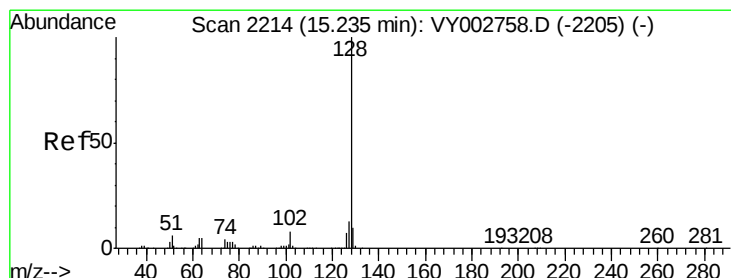
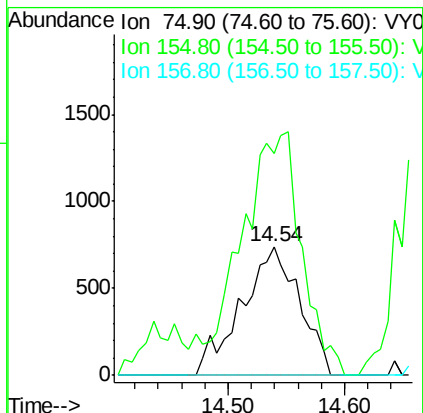
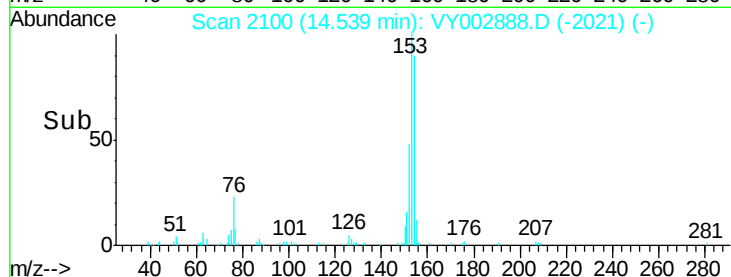
157 0.0 69.9 209.7#



Abundance Ion 74.90 (74.60 to 75.60): VY002888.D (-2021) (-)

Ion 154.80 (154.50 to 155.50): VY002888.D (-2021) (-)

Ion 156.80 (156.50 to 157.50): VY002888.D (-2021) (-)



#95

Naphthalene

Concen: 2.56 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY002888.D

Acq: 11 Jun 2020 13:46

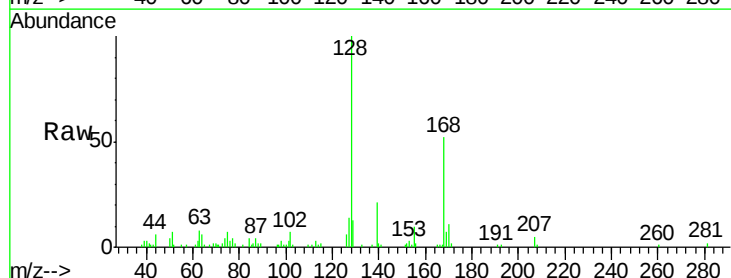
Tgt Ion: 128 Resp: 17498

Ion Ratio Lower Upper

128 100

127 14.3 10.3 15.5

129 13.2 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): VY002888.D (-2165) (-)

Ion 127.00 (126.70 to 127.70): VY002888.D (-2165) (-)

Ion 129.00 (128.70 to 129.70): VY002888.D (-2165) (-)

