

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070620\
 Data File : VY003107.D
 Acq On : 06 Jul 2020 12:50
 Operator : SY/MD
 Sample : L3211-09
 Misc : 11.95G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-9 3-3.5

Quant Time: Jul 07 08:03:53 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

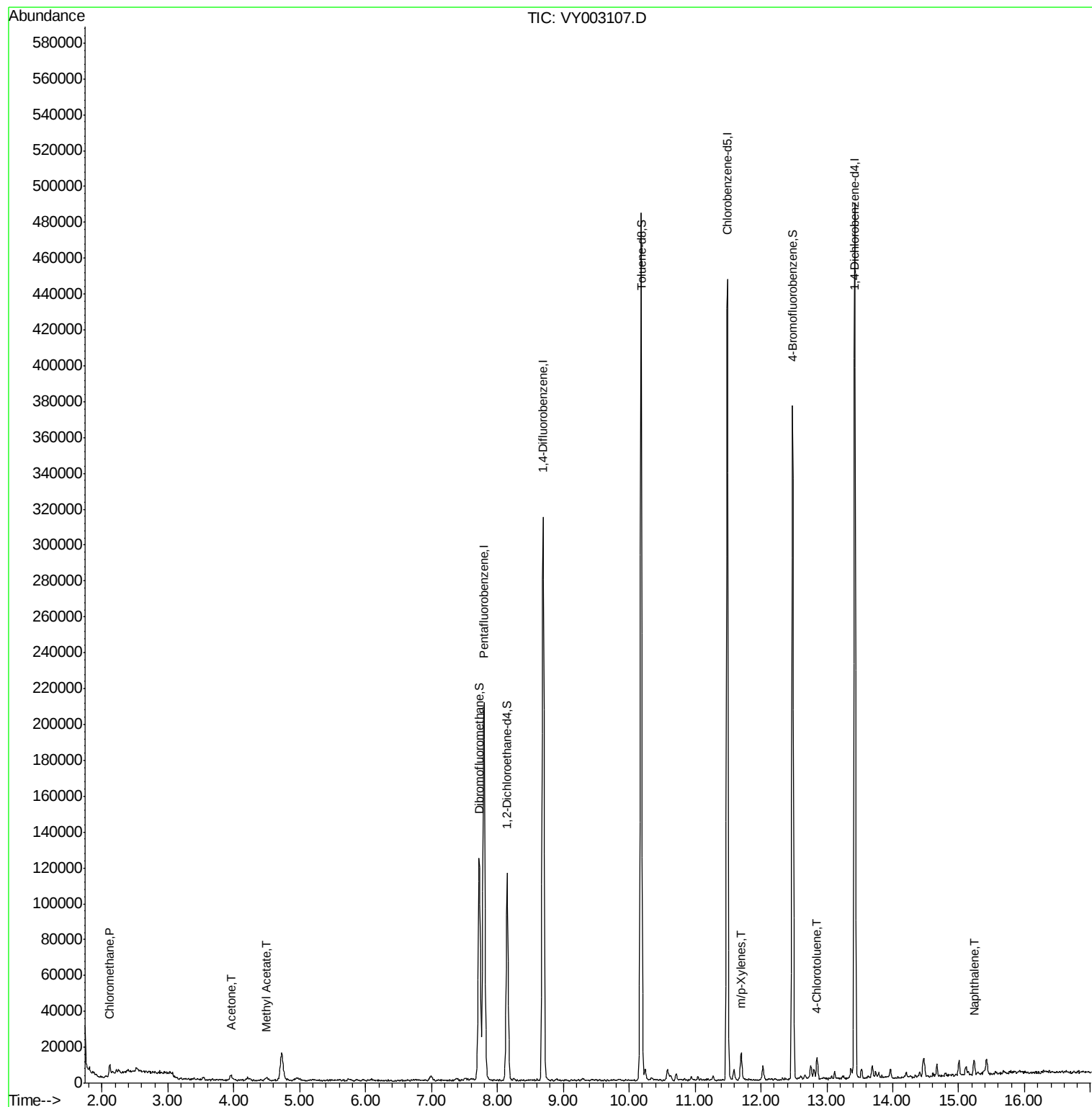
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	173146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	268871	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	246549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	123042	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	88125	51.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.48%	
35) Dibromofluoromethane	7.72	113	87171	51.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.94%	
50) Toluene-d8	10.18	98	319129	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.14%	
62) 4-Bromofluorobenzene	12.48	95	107152	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
Target Compounds						
3) Chloromethane	2.12	50	5317	2.769	ug/l	90
16) Acetone	3.96	43	5165	12.735	ug/l #	83
18) Methyl Acetate	4.49	43	2171	1.987	ug/l #	74
68) m/p-Xylenes	11.70	106	4827	1.458	ug/l	92
82) 4-Chlorotoluene	12.85	91	6478	1.151	ug/l	96
95) Naphthalene	15.23	128	5901	1.257	ug/l #	94

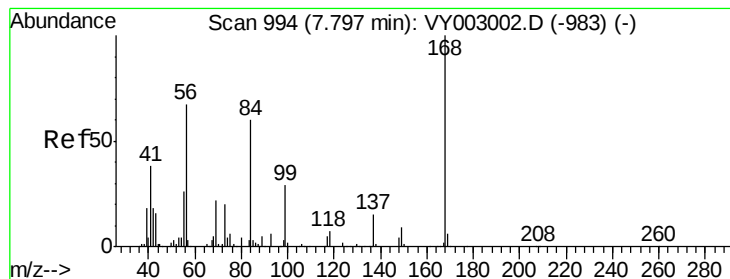
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070620\
Data File : VY003107.D
Acq On : 06 Jul 2020 12:50
Operator : SY/MD
Sample : L3211-09
Misc : 11.95G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-9 3-3.5

Quant Time: Jul 07 08:03:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
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: VY003107.D

Acq: 06 Jul 2020 12:50

Instrument :

MSVOA_Y

ClientSampled :

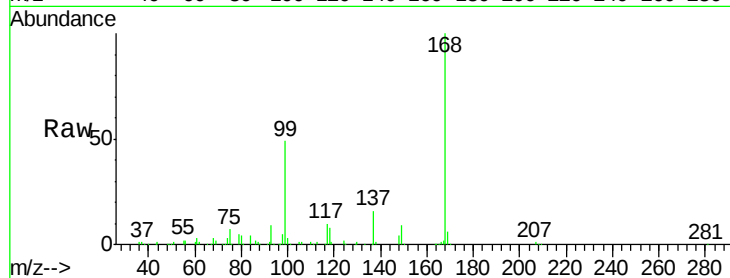
SB-9 3-3.5

Tot Ion:168 Resp: 173146

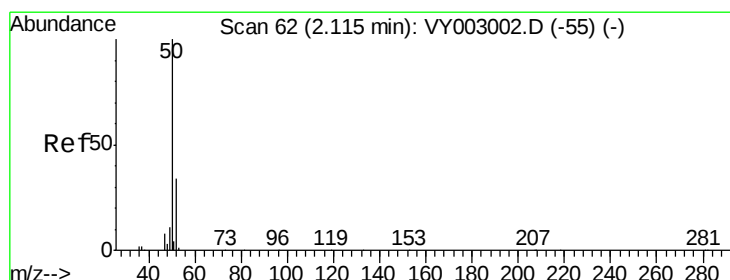
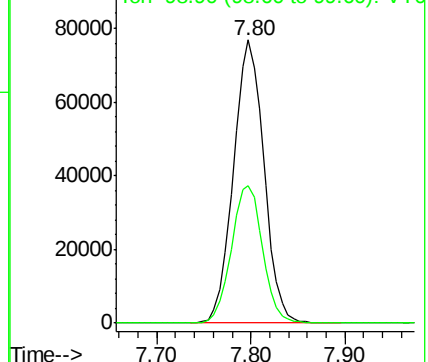
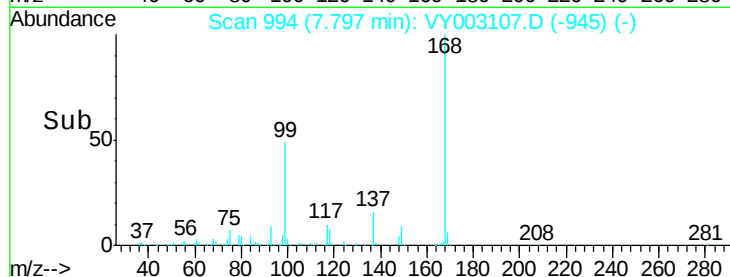
Ion Ratio Lower Upper

168 100

99 48.7 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003107.D (-945) (-)



#3

Chloromethane

Concen: 2.769 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003107.D

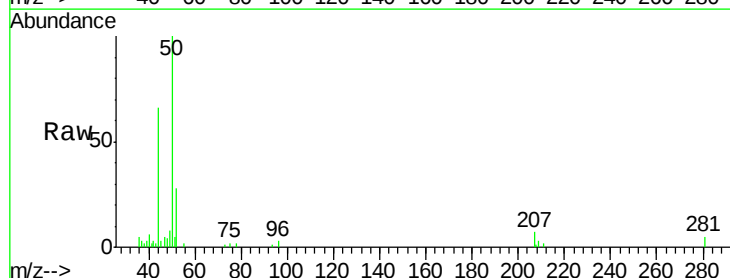
Acq: 06 Jul 2020 12:50

Tgt Ion: 50 Resp: 5317

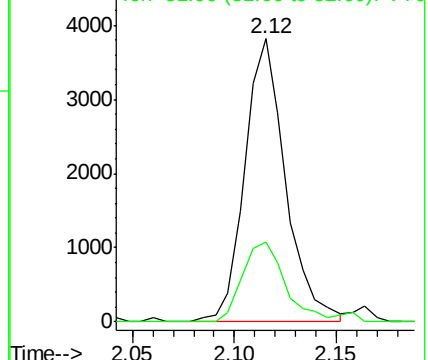
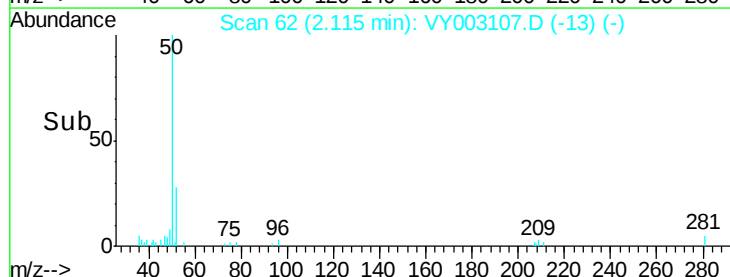
Ion Ratio Lower Upper

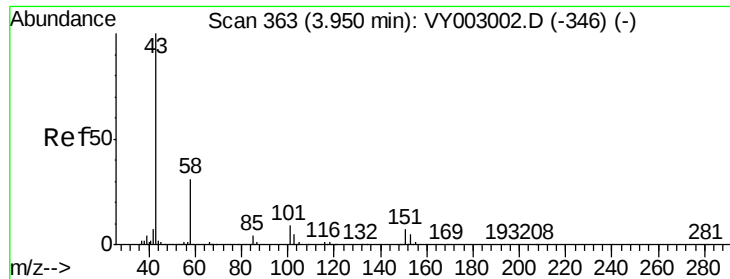
50 100

52 28.1 26.9 40.3



Abundance Ion 49.90 (49.60 to 50.60): VY003107.D (-13) (-)





#16

Acetone

Concen: 12.735 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003107.D

Acq: 06 Jul 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

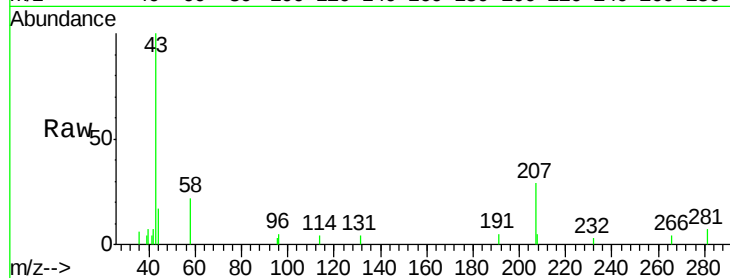
SB-9 3-3.5

Tot Ion: 43 Resp: 5165

Ion Ratio Lower Upper

43 100

58 21.6 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.96

1500

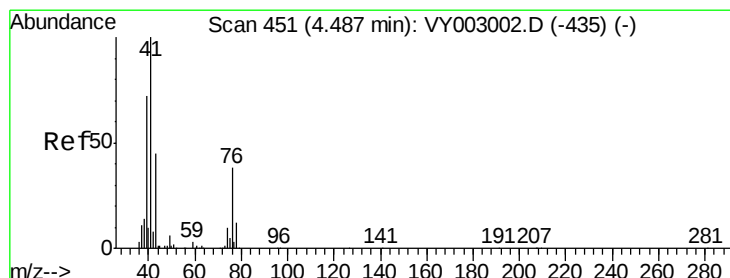
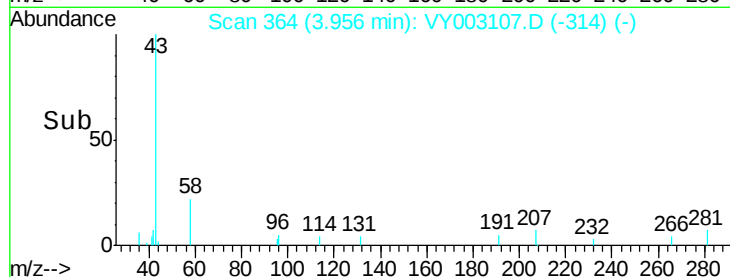
1000

500

0

Time-->

3.90 4.00 4.10



#18

Methyl Acetate

Concen: 1.987 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY003107.D

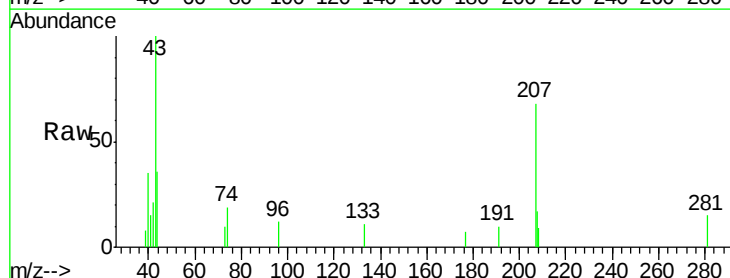
Acq: 06 Jul 2020 12:50

Tgt Ion: 43 Resp: 2171

Ion Ratio Lower Upper

43 100

74 10.1 18.2 27.4#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.49

800

600

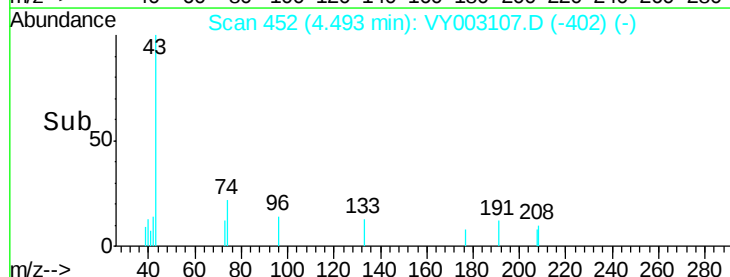
400

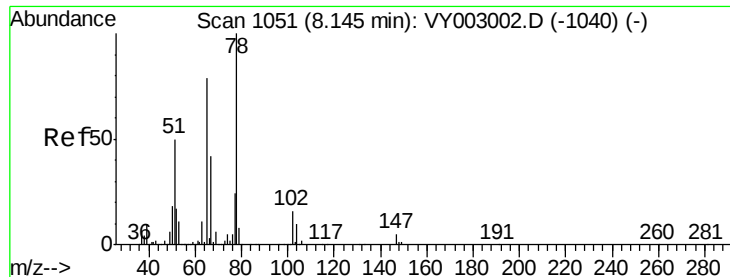
200

0

Time-->

4.40 4.45 4.50 4.55

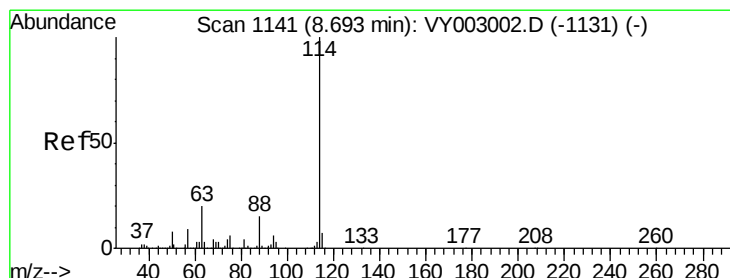
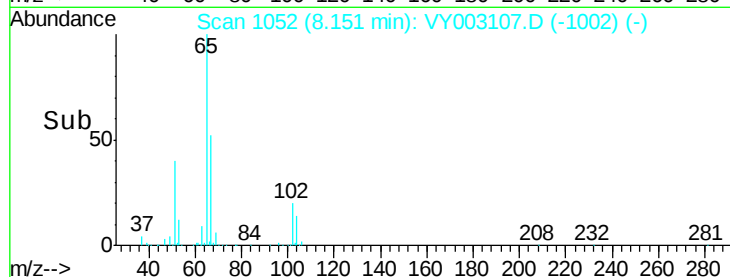
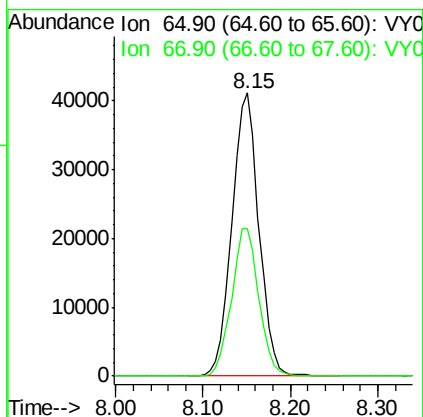
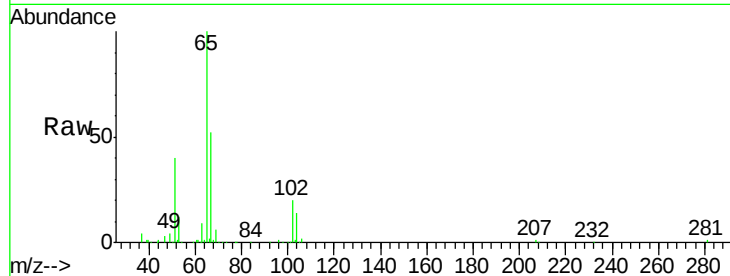




#33
 1,2-Dichloroethane-d4
 Concen: 51.245 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003107.D
 Acq: 06 Jul 2020 12:50

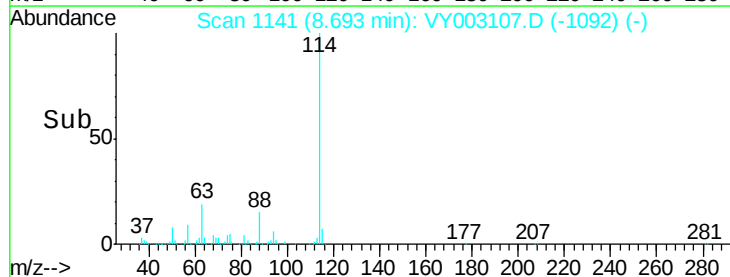
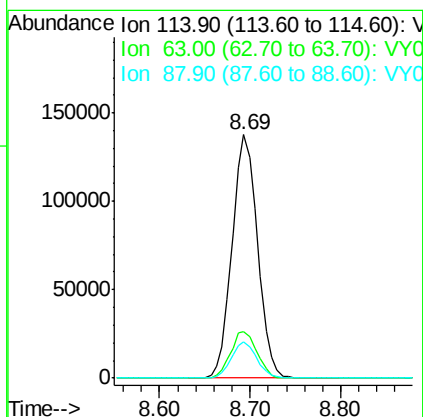
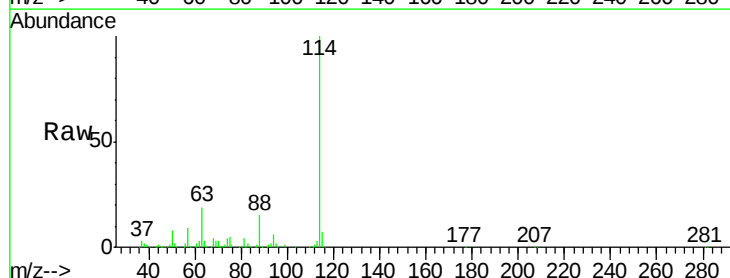
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-9 3-3.5

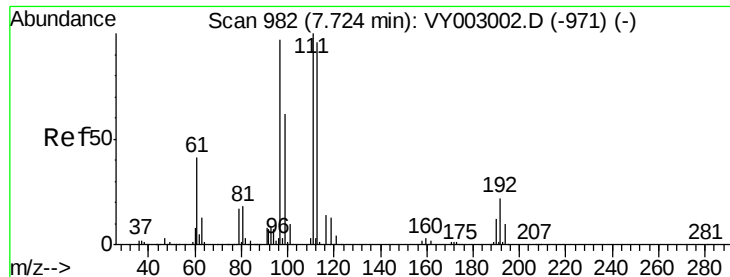
Tot Ion: 65 Resp: 88125
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003107.D
 Acq: 06 Jul 2020 12:50

Tgt Ion: 114 Resp: 268871
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.6
 88 15.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 51.972 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003107.D

Acq: 06 Jul 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

SB-9 3-3.5

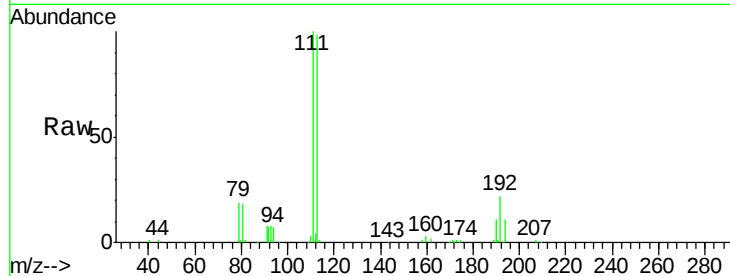
Tot Ion:113 Resp: 87171

Ion Ratio Lower Upper

113 100

111 102.8 82.6 123.8

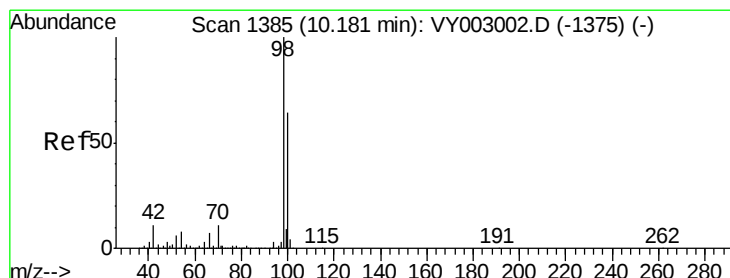
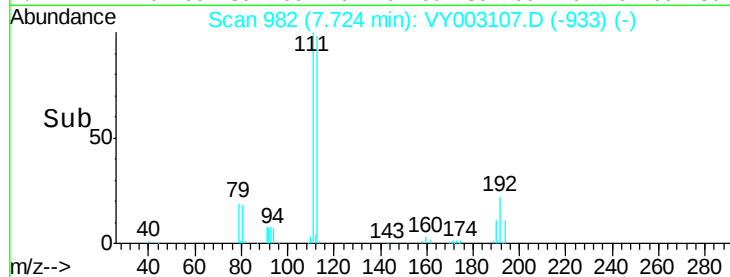
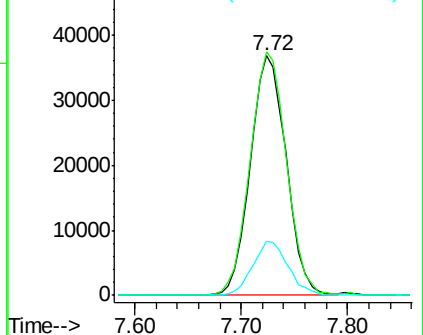
192 22.3 18.1 27.1



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



#50

Toluene-d8

Concen: 51.072 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003107.D

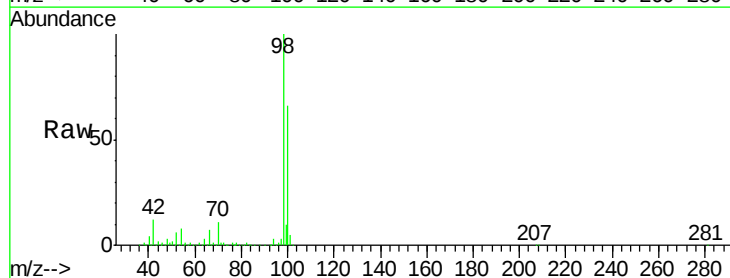
Acq: 06 Jul 2020 12:50

Tgt Ion: 98 Resp: 319129

Ion Ratio Lower Upper

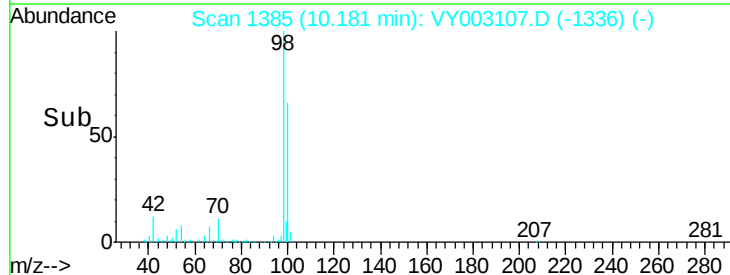
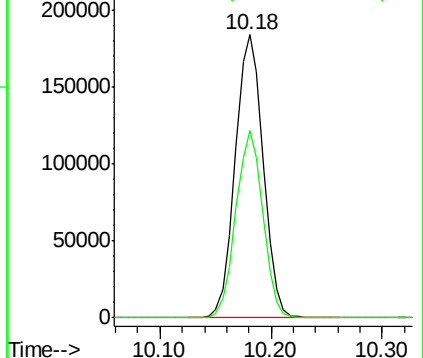
98 100

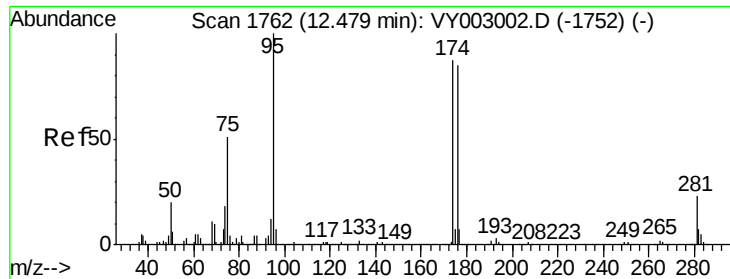
100 64.2 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

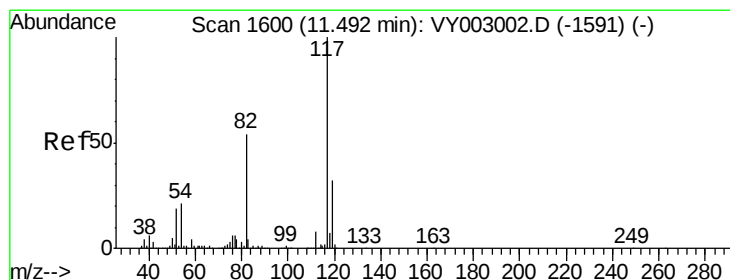
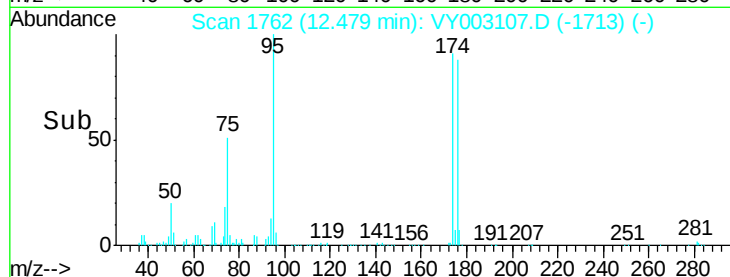
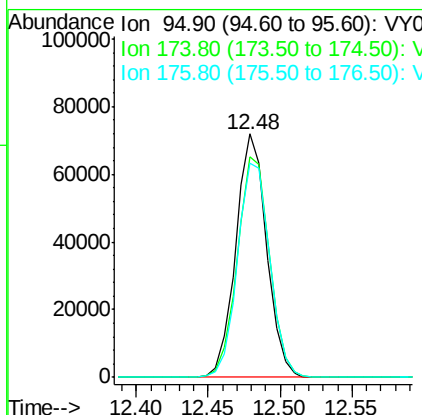
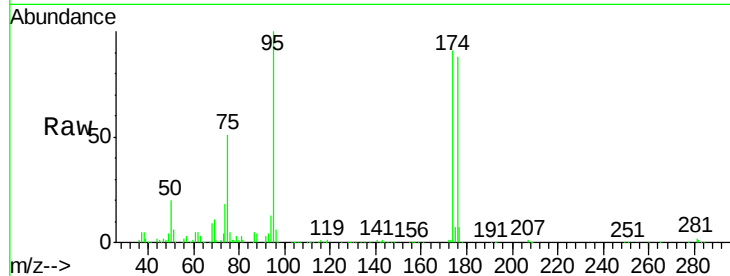




#62
4-Bromofluorobenzene
Concen: 48.717 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003107.D
Acq: 06 Jul 2020 12:50

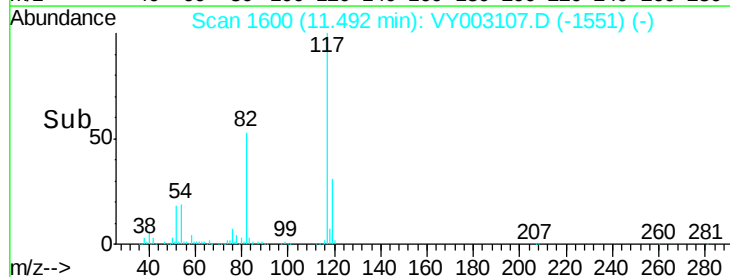
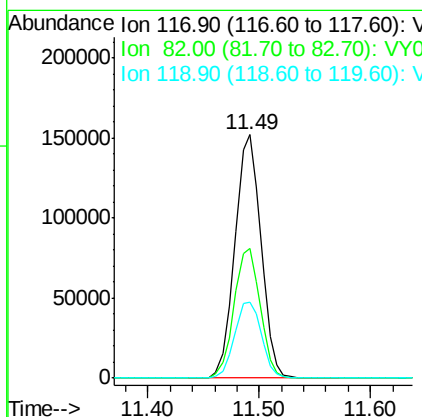
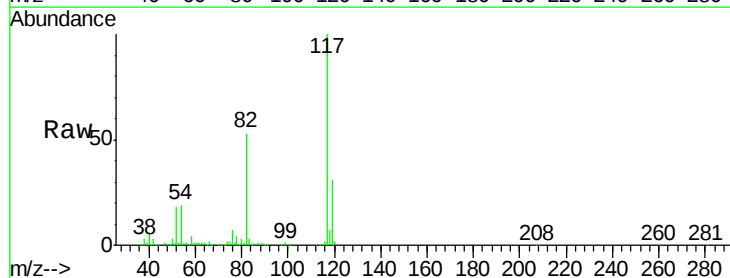
Instrument :
MSVOA_Y
ClientSampleId :
SB-9 3-3.5

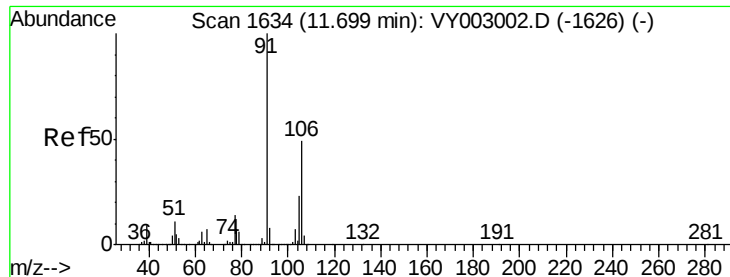
Tot Ion: 95 Resp: 107152
Ion Ratio Lower Upper
95 100
174 94.2 0.0 184.8
176 91.6 0.0 183.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003107.D
Acq: 06 Jul 2020 12:50

Tgt Ion: 117 Resp: 246549
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.6
119 31.3 25.8 38.8





#68

m/p-Xvlenes

Concen: 1.458 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003107.D

Acq: 06 Jul 2020 12:50

Instrument :

MSVOA_Y

ClientSampled :

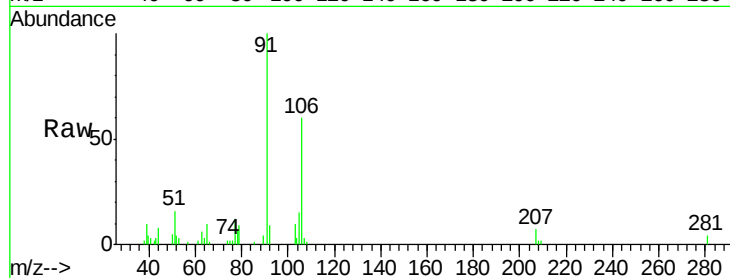
SB-9 3-3.5

Tot Ion:106 Resp: 4827

Ion Ratio Lower Upper

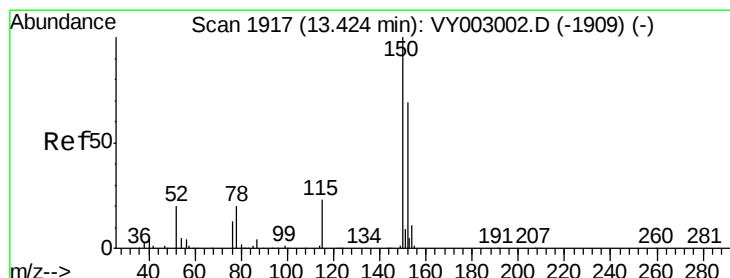
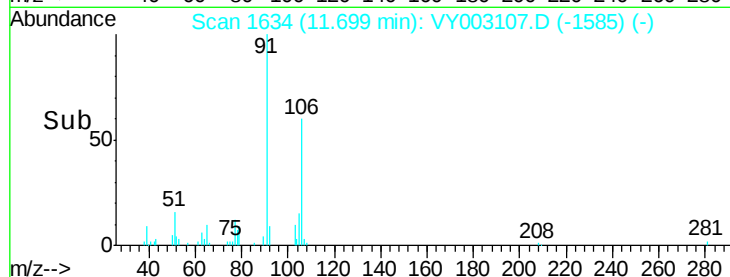
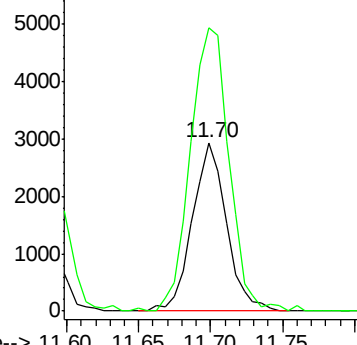
106 100

91 190.4 161.9 242.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003107.D

Acq: 06 Jul 2020 12:50

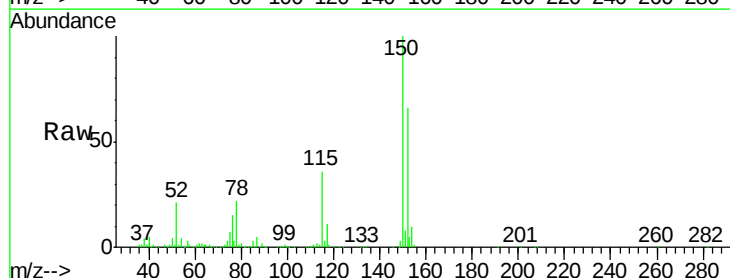
Tgt Ion:152 Resp: 123042

Ion Ratio Lower Upper

152 100

115 55.2 27.3 81.9

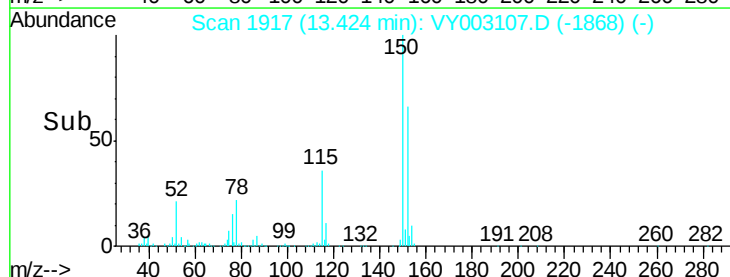
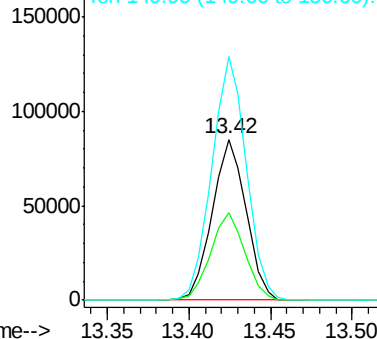
150 154.5 0.0 343.4

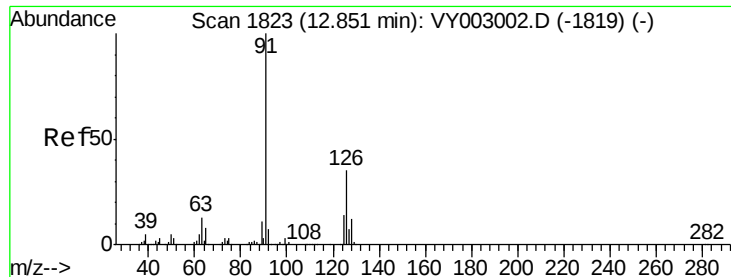


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#82

4-Chlorotoluene

Concen: 1.151 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003107.D

Acq: 06 Jul 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

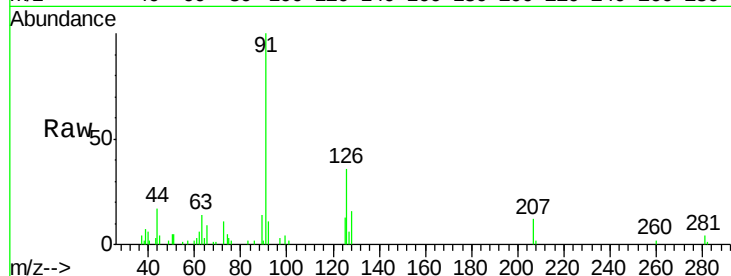
SB-9 3-3.5

Tot Ion: 91 Resp: 6478

Ion Ratio Lower Upper

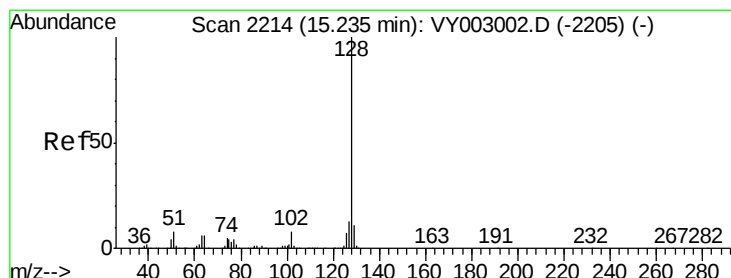
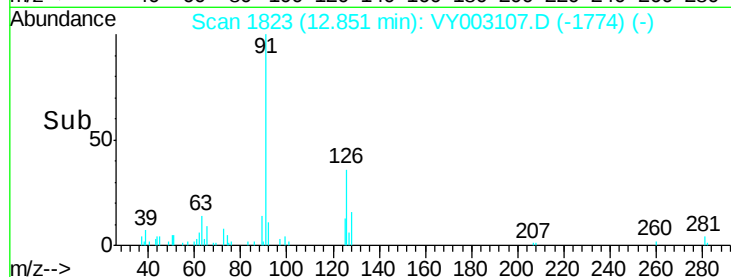
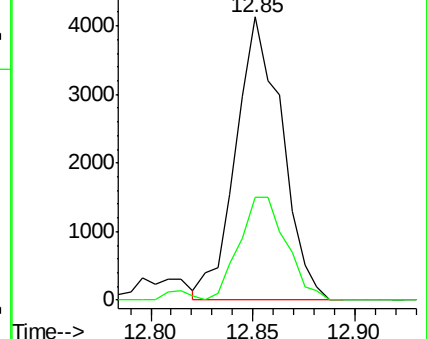
91 100

126 37.0 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#95

Naphthalene

Concen: 1.257 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY003107.D

Acq: 06 Jul 2020 12:50

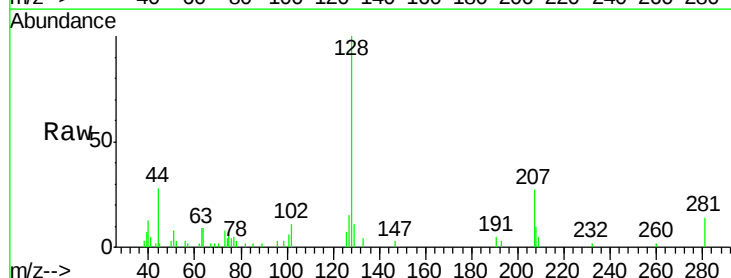
Tgt Ion: 128 Resp: 5901

Ion Ratio Lower Upper

128 100

127 16.5 10.8 16.2#

129 12.5 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

