

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121819\
 Data File : VY001003.D
 Acq On : 18 Dec 2019 17:57
 Operator : SY/MD
 Sample : K6107-01
 Misc : 8.01G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-06-121819

Quant Time: Dec 19 07:02:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

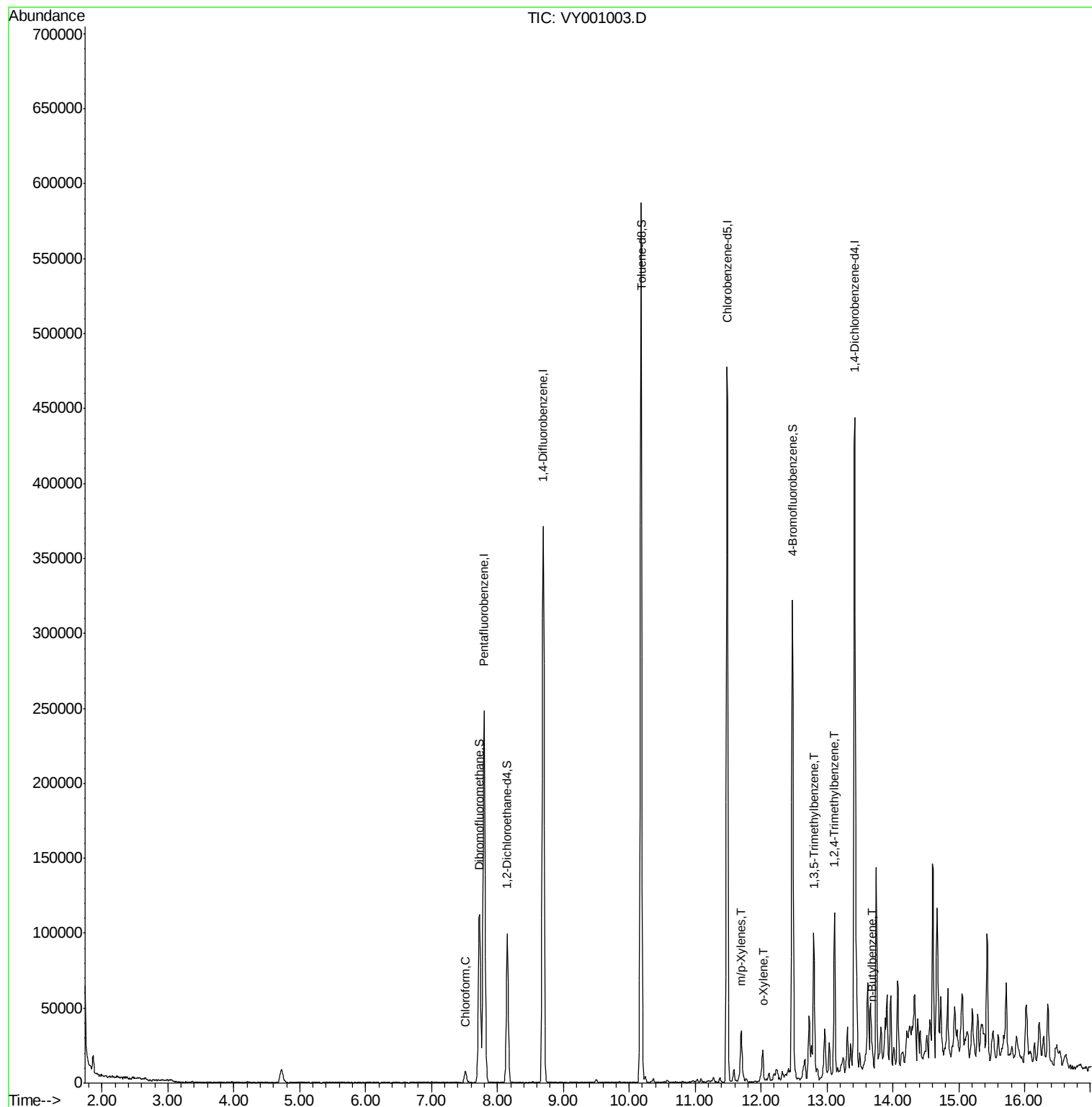
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	189505	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	327451	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	252547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	104993	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	70956	35.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.48%	
35) Dibromofluoromethane	7.73	113	82464	43.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.42%	
50) Toluene-d8	10.18	98	382065	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
62) 4-Bromofluorobenzene	12.48	95	101651	35.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.96%	
Target Compounds						
30) Chloroform	7.52	83	7346	1.814	ug/l #	75
68) m/p-Xylenes	11.69	106	7741	2.109	ug/l	98
69) o-Xylene	12.02	106	5693	1.664	ug/l	85
80) 1,3,5-Trimethylbenzene	12.81	105	13595	1.964	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	54964	7.937	ug/l	93
89) n-Butylbenzene	13.69	91	8015	1.077	ug/l #	82

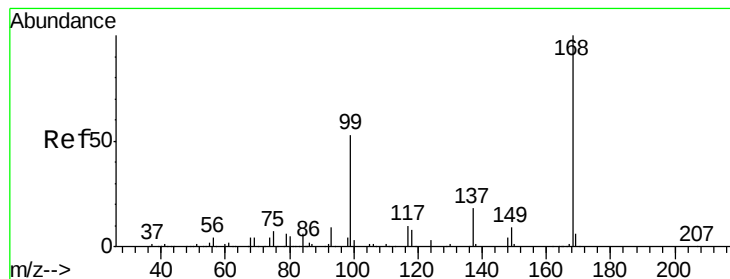
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY001003.D

Acq: 18 Dec 2019 17:57

Instrument :

MSVOA_Y

ClientSampleId :

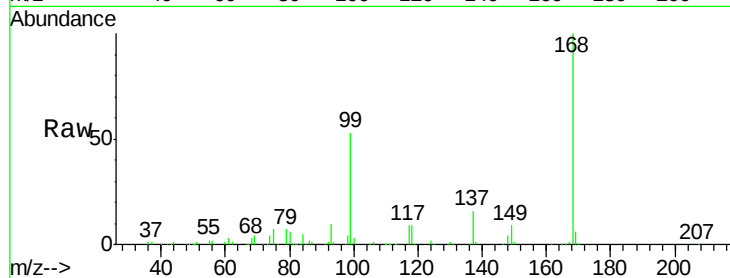
HR-06-121819

Tot Ion:168 Resp: 189505

Ion Ratio Lower Upper

168 100

99 52.6 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY001003.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY001003.D (-946) (-)

7.80

80000

60000

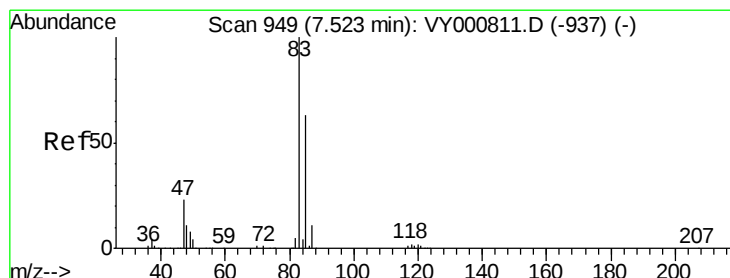
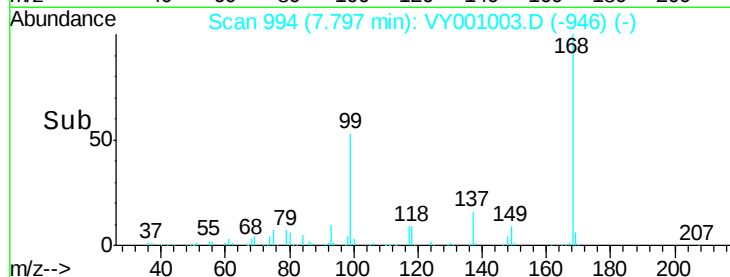
40000

20000

0

7.70 7.80 7.90

Time-->



#30

Chloroform

Concen: 1.814 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.01 min

Lab File: VY001003.D

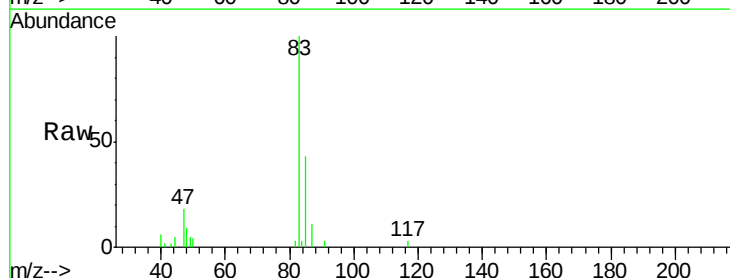
Acq: 18 Dec 2019 17:57

Tgt Ion: 83 Resp: 7346

Ion Ratio Lower Upper

83 100

85 43.3 50.4 75.6#



Abundance Ion 82.90 (82.60 to 83.60): VY001003.D (-900) (-)

Ion 84.90 (84.60 to 85.60): VY001003.D (-900) (-)

7.52

4000

3000

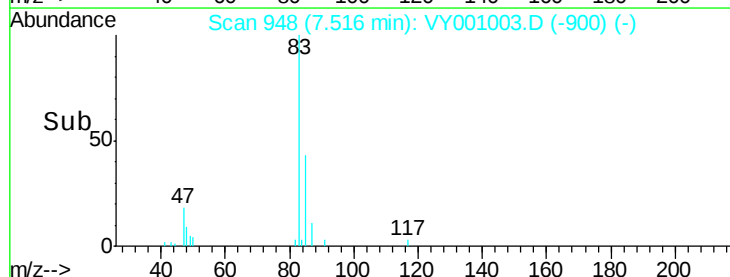
2000

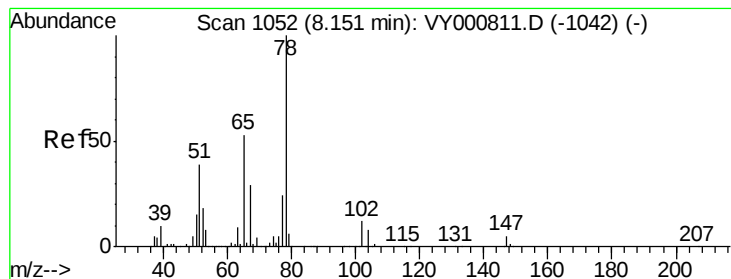
1000

0

7.45 7.50 7.55 7.60

Time-->





#33

1,2-Dichloroethane-d4

Concen: 35.237 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY001003.D

Acq: 18 Dec 2019 17:57

Instrument :

MSVOA_Y

ClientSampleId :

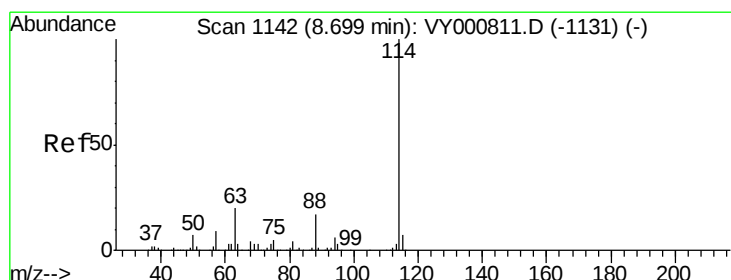
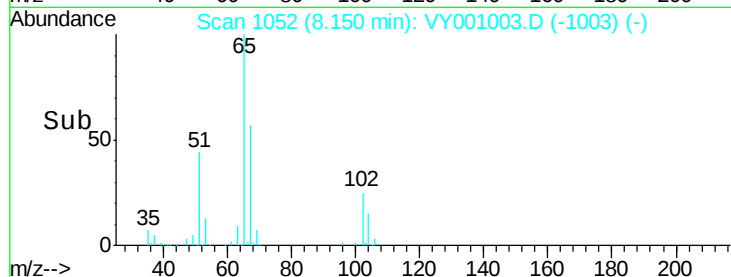
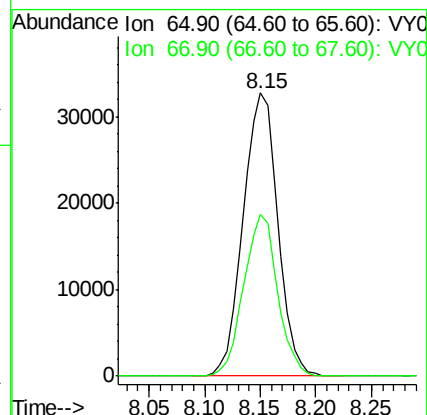
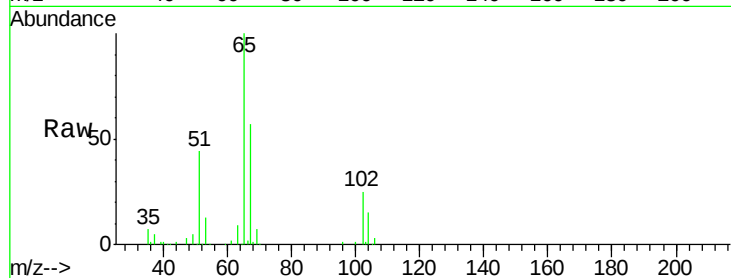
HR-06-121819

Tot Ion: 65 Resp: 70956

Ion Ratio Lower Upper

65 100

67 55.5 0.0 112.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY001003.D

Acq: 18 Dec 2019 17:57

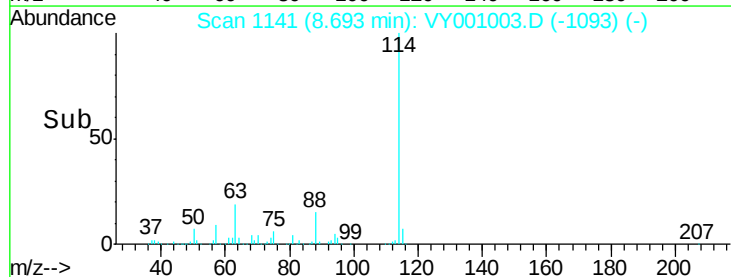
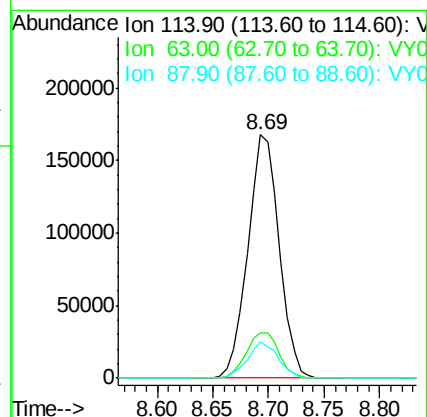
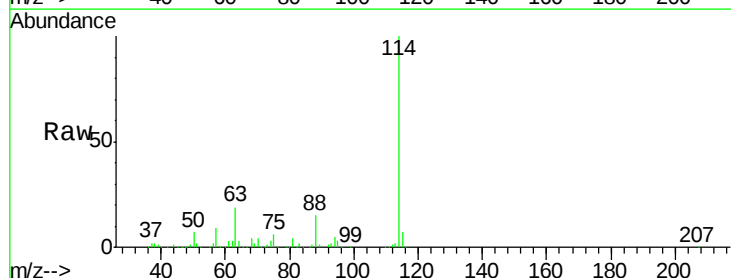
Tgt Ion: 114 Resp: 327451

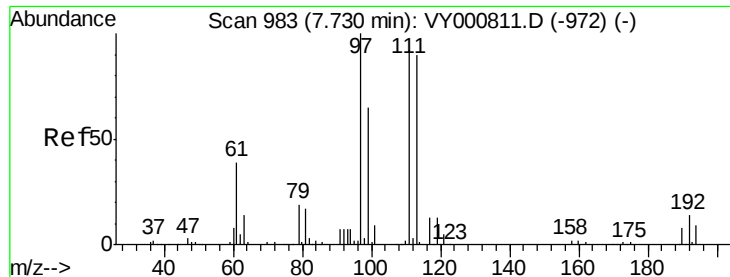
Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.8

88 14.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 43.211 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY001003.D

Acq: 18 Dec 2019 17:57

Instrument :

MSVOA_Y

ClientSampleId :

HR-06-121819

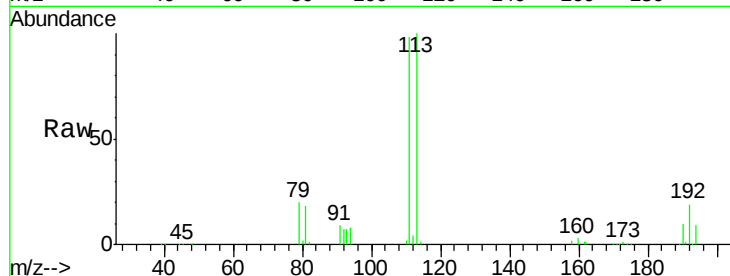
Tot Ion:113 Resp: 82464

Ion Ratio Lower Upper

113 100

111 102.8 82.4 123.6

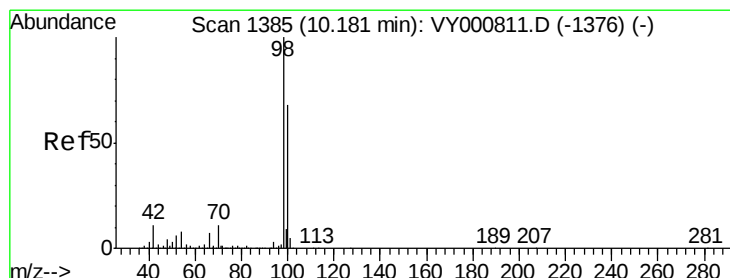
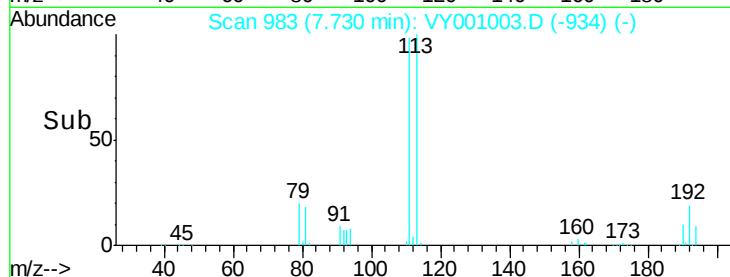
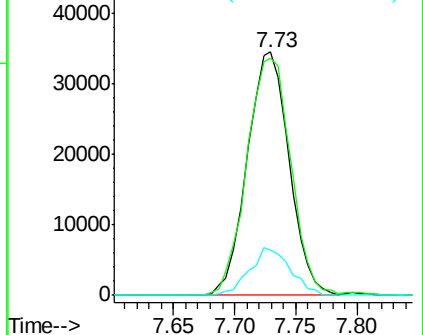
192 19.1 14.2 21.2



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: 50.077 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY001003.D

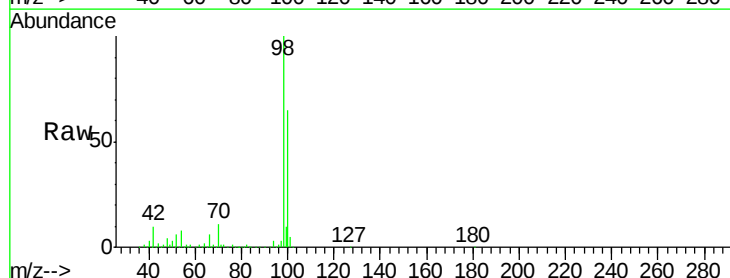
Acq: 18 Dec 2019 17:57

Tgt Ion: 98 Resp: 382065

Ion Ratio Lower Upper

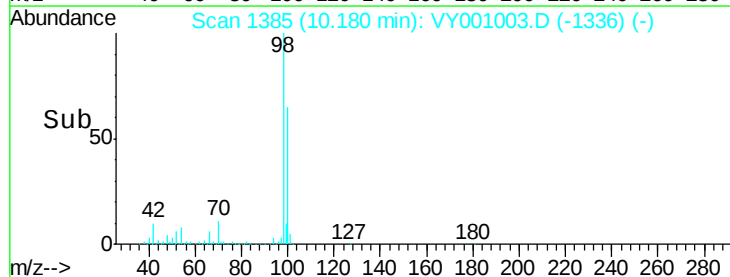
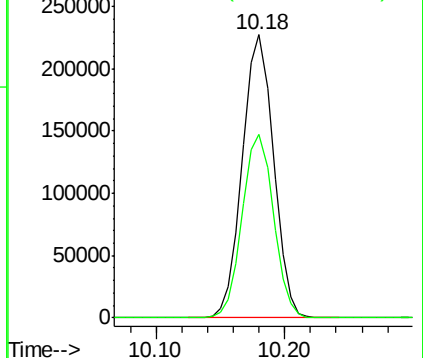
98 100

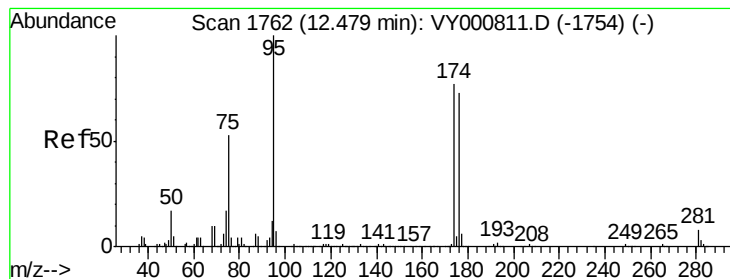
100 65.0 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 35.476 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY001003.D

Acq: 18 Dec 2019 17:57

Instrument :

MSVOA_Y

ClientSampleId :

HR-06-121819

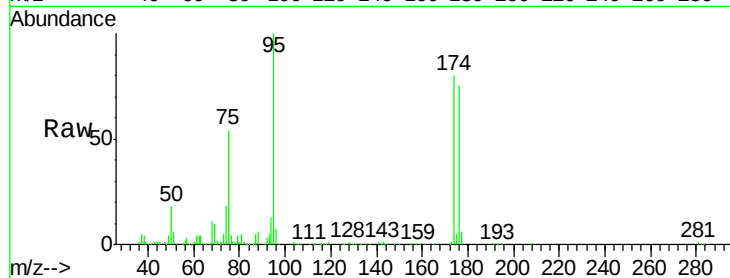
Tot Ion: 95 Resp: 101651

Ion Ratio Lower Upper

95 100

174 77.8 0.0 150.6

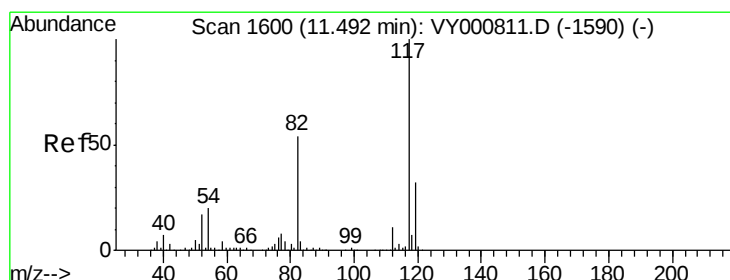
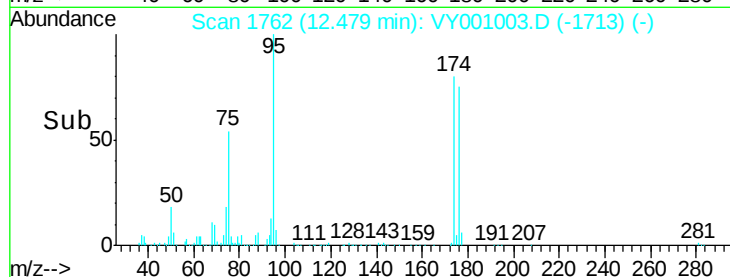
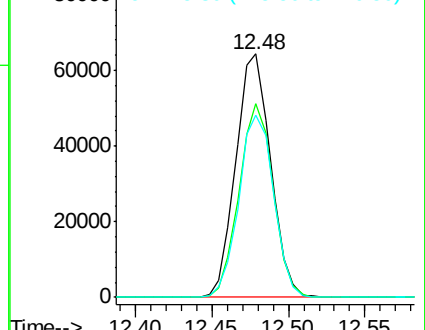
176 75.1 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VY001003.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY001003.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY001003.D (-1713) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VY001003.D

Acq: 18 Dec 2019 17:57

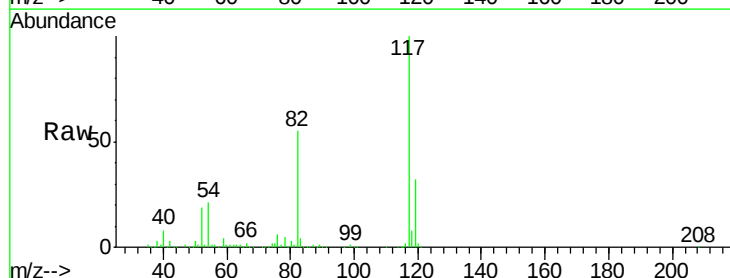
Tgt Ion: 117 Resp: 252547

Ion Ratio Lower Upper

117 100

82 54.8 43.1 64.7

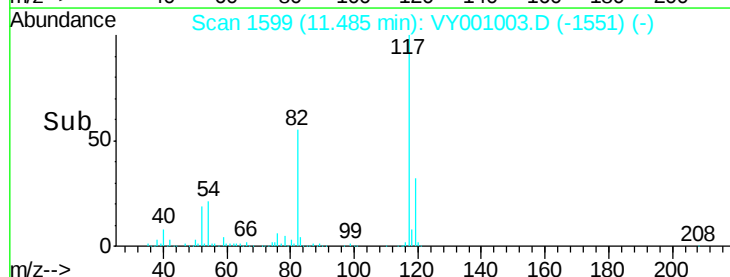
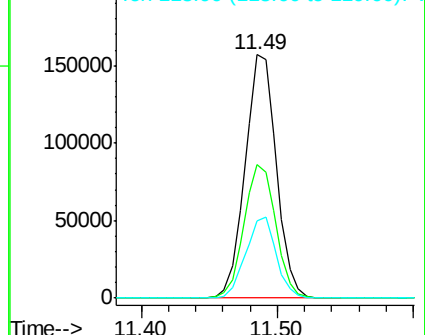
119 31.6 25.3 37.9

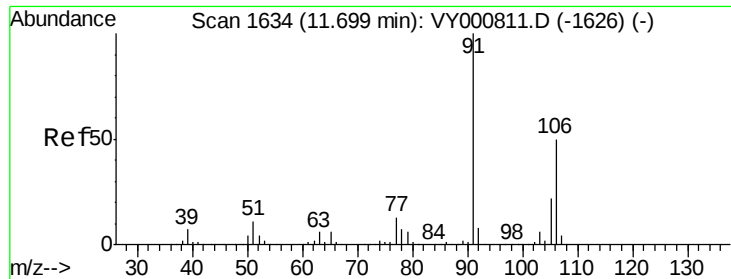


Abundance Ion 116.90 (116.60 to 117.60): VY001003.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY001003.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY001003.D (-1551) (-)

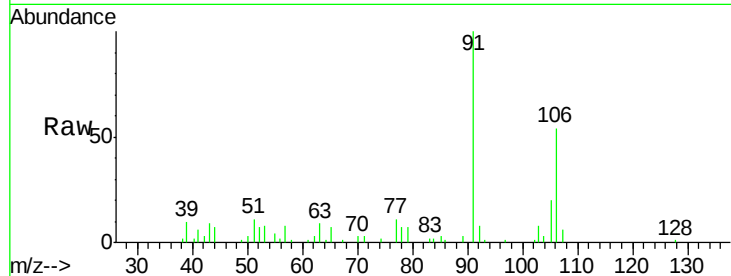




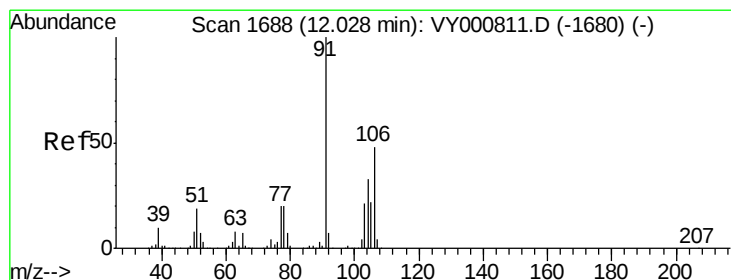
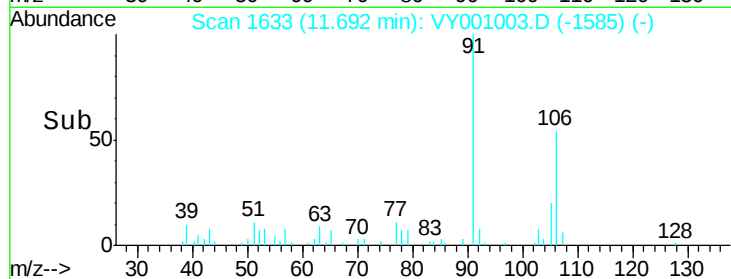
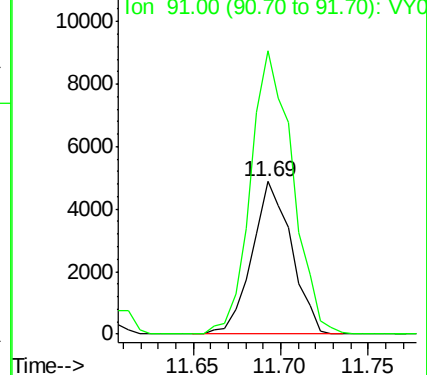
#68
m/p-Xylenes
Concen: 2.109 ug/l
RT: 11.69 min Scan# 1633
Delta R.T. -0.01 min
Lab File: VY001003.D
Acq: 18 Dec 2019 17:57

Instrument :
MSVOA_Y
ClientSampleId :
HR-06-121819

Tot Ion:106 Resp: 7741
Ion Ratio Lower Upper
106 100
91 197.0 159.6 239.4

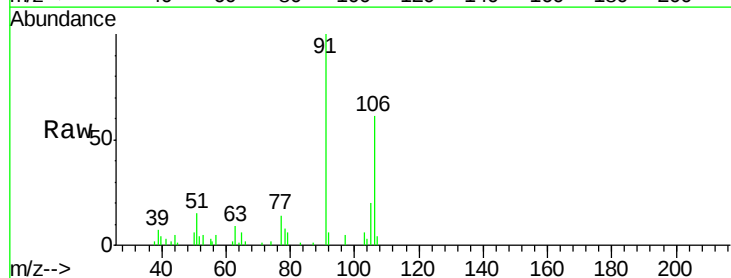


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

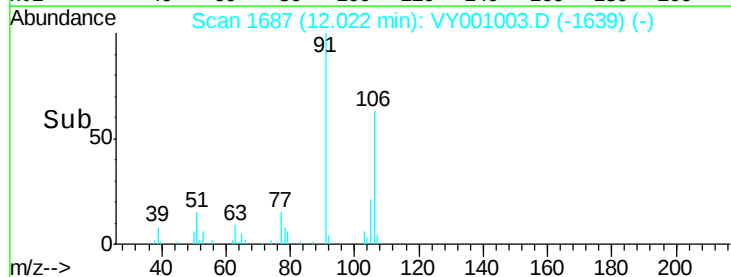
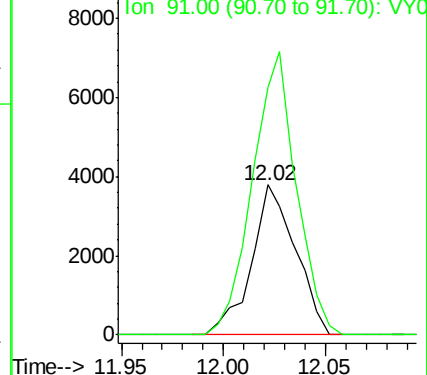


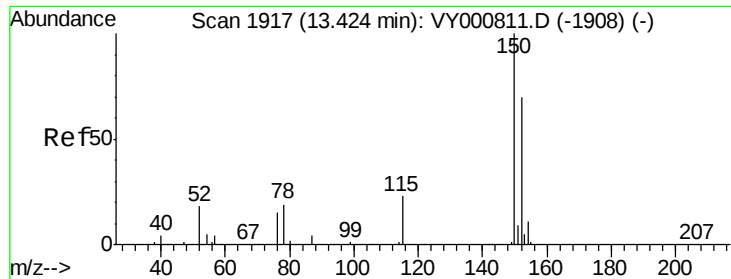
#69
o-Xylene
Concen: 1.664 ug/l
RT: 12.02 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VY001003.D
Acq: 18 Dec 2019 17:57

Tgt Ion:106 Resp: 5693
Ion Ratio Lower Upper
106 100
91 188.0 106.1 318.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0



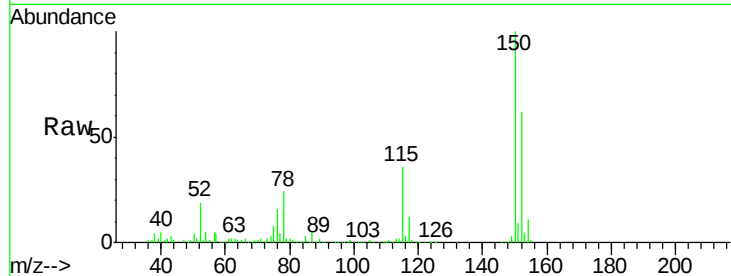


#72

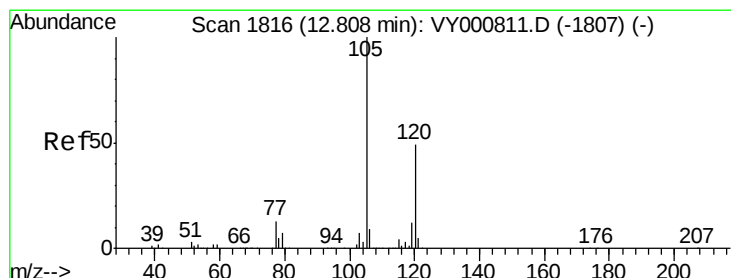
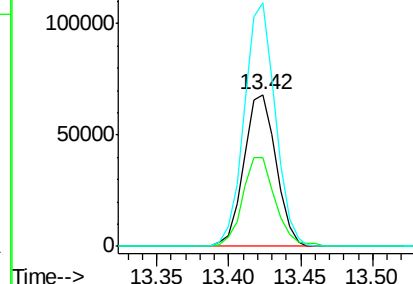
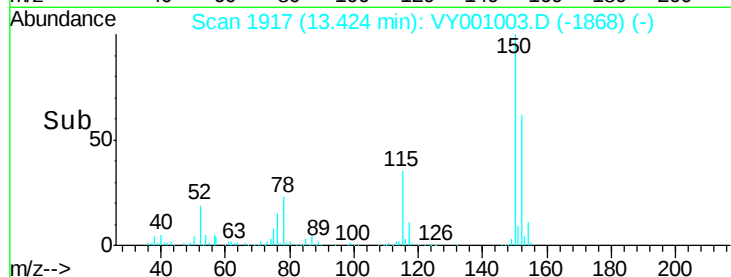
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY001003.D
Acq: 18 Dec 2019 17:57

Instrument :
MSVOA_Y
ClientSampleId :
HR-06-121819

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.2	29.3	87.8
150	155.1	0.0	351.2



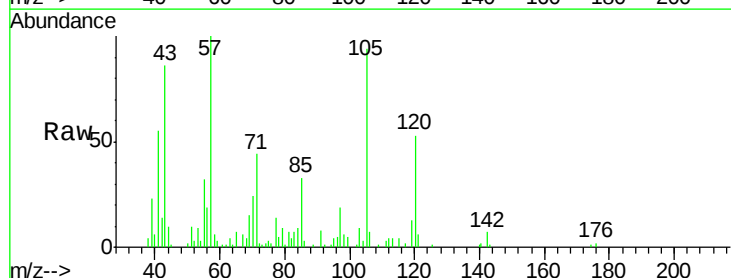
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



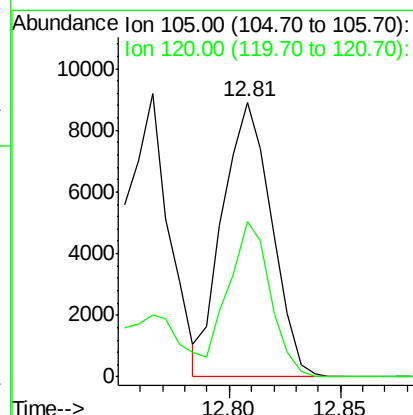
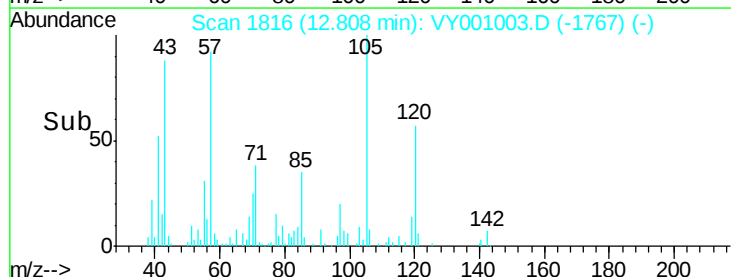
#80

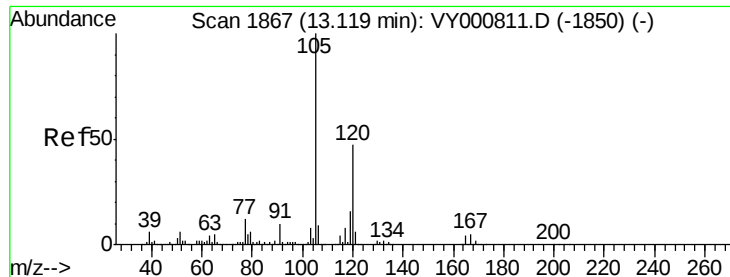
1,3,5-Trimethylbenzene
Concen: 1.964 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VY001003.D
Acq: 18 Dec 2019 17:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.4	24.6	74.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#84

1,2,4-Trimethylbenzene

Concen: 7.937 ug/l

RT: 13.11 min Scan# 1866

Delta R.T. -0.01 min

Lab File: VY001003.D

Acq: 18 Dec 2019 17:57

Instrument :

MSVOA_Y

ClientSampleId :

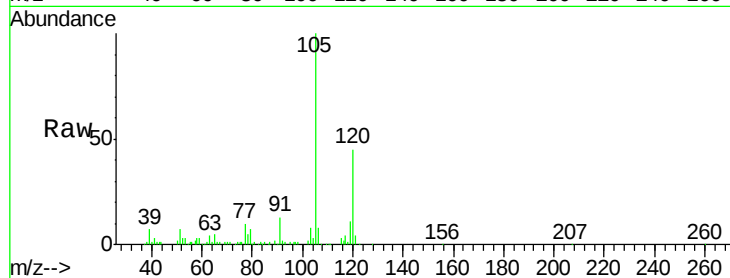
HR-06-121819

Tot Ion:105 Resp: 54964

Ion Ratio Lower Upper

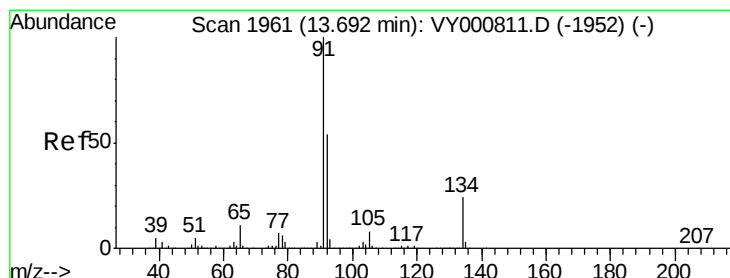
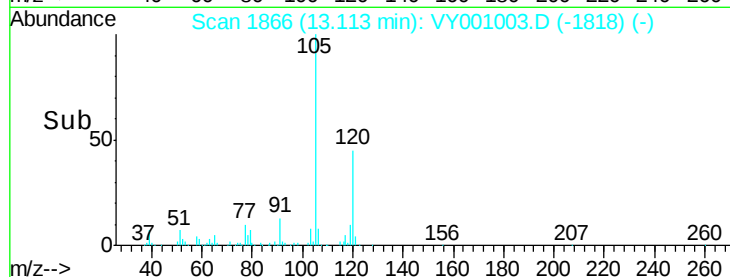
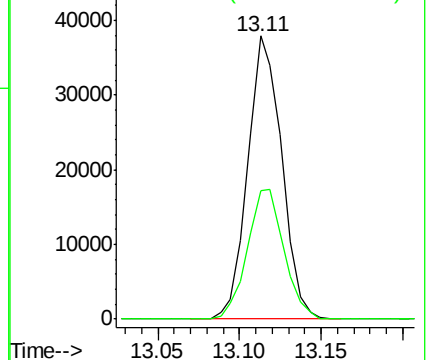
105 100

120 49.6 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#89

n-Butylbenzene

Concen: 1.077 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. -0.00 min

Lab File: VY001003.D

Acq: 18 Dec 2019 17:57

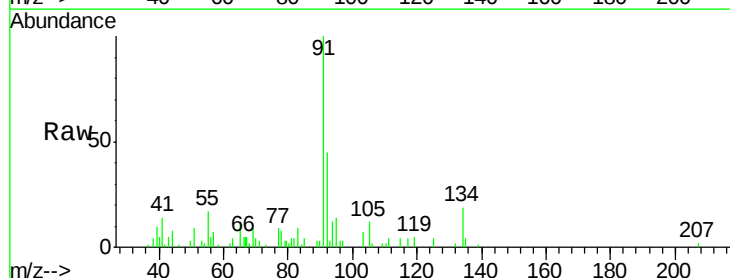
Tgt Ion: 91 Resp: 8015

Ion Ratio Lower Upper

91 100

92 51.6 26.9 80.7

134 0.0 12.6 37.6#



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 92.00 (91.70 to 92.70): VY0

Ion 134.00 (133.70 to 134.70): V

