

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY013020\
 Data File : VY001440.D
 Acq On : 30 Jan 2020 18:58
 Operator : SY/MD
 Sample : L1319-04
 Misc : 5.77G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RAINEY-PARK-BH-06-C

Quant Time: Jan 31 03:42:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

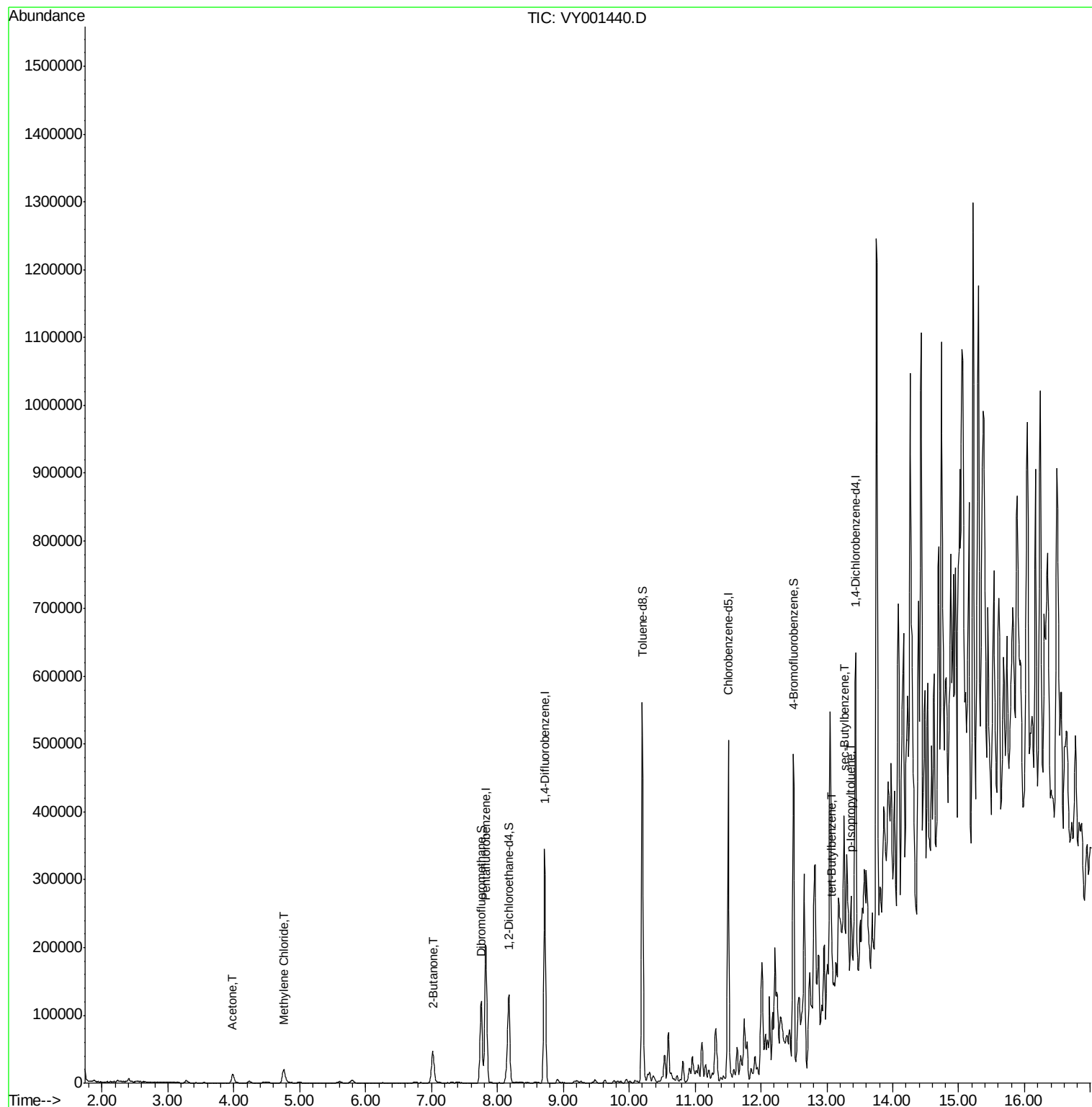
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	158964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	296476	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	267129	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	118114	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	92609	53.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.08%	
35) Dibromofluoromethane	7.75	113	87152	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
50) Toluene-d8	10.20	98	352058	52.08	ug/l	0.01
Spiked Amount 50.000			Recovery	=	104.16%	
62) 4-Bromofluorobenzene	12.49	95	130905	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
Target Compounds						
16) Acetone	3.98	43	23846	46.151	ug/l	98
20) Methylene Chloride	4.75	84	14135	2.600	ug/l	95
25) 2-Butanone	7.03	43	6778	9.003	ug/l #	89
83) tert-Butylbenzene	13.08	119	12673	1.933	ug/l	96
85) sec-Butylbenzene	13.26	105	120672	12.952	ug/l	83
86) p-Isopropyltoluene	13.38	119	19321	2.353	ug/l	93

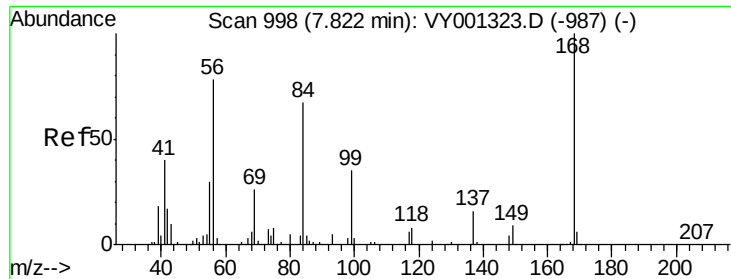
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY013020\
Data File : VY001440.D
Acq On : 30 Jan 2020 18:58
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.01 min

Lab File: VY001440.D

Acq: 30 Jan 2020 18:58

Instrument :

MSVOA_Y

ClientSampleId :

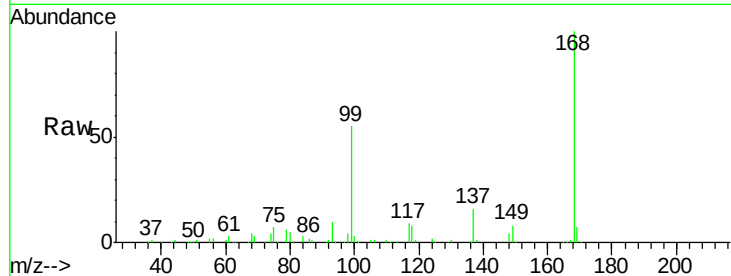
RAINEY-PARK-BH-06-C

Tot Ion:168 Resp: 158964

Ion Ratio Lower Upper

168 100

99 54.5 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001440.D (-949) (-)

Ion 98.90 (98.60 to 99.60): VY001440.D (-949) (-)

7.83

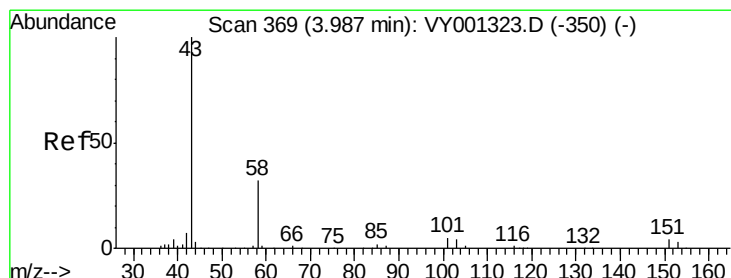
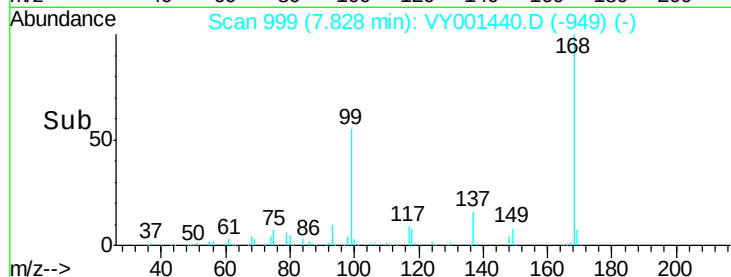
60000

40000

20000

0

Time--> 7.70 7.80 7.90



#16

Acetone

Concen: 46.151 ug/l

RT: 3.98 min Scan# 368

Delta R.T. -0.01 min

Lab File: VY001440.D

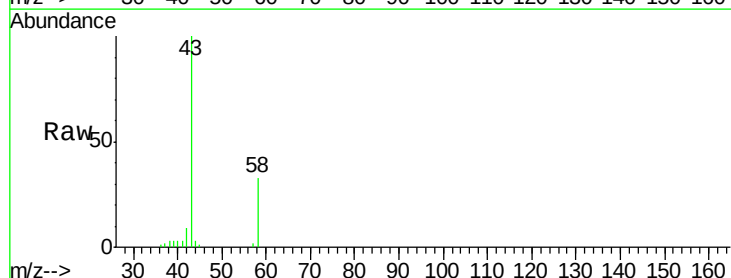
Acq: 30 Jan 2020 18:58

Tgt Ion: 43 Resp: 23846

Ion Ratio Lower Upper

43 100

58 33.0 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VY001440.D (-320) (-)

Ion 58.00 (57.70 to 58.70): VY001440.D (-320) (-)

3.98

8000

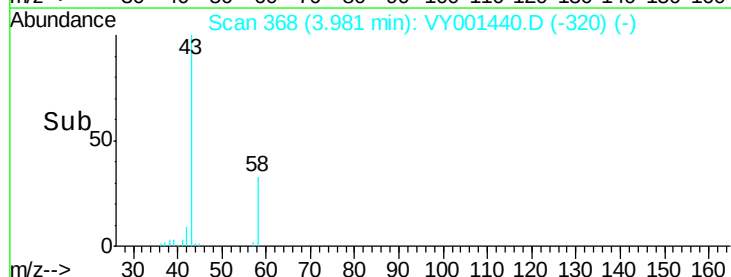
6000

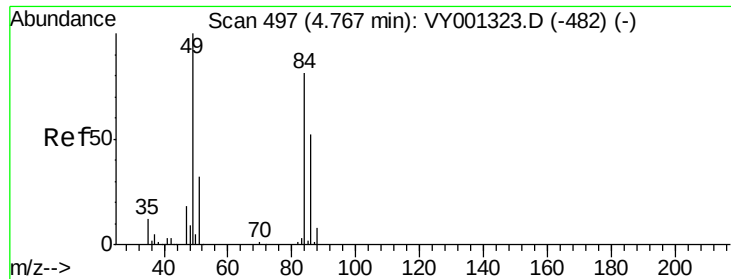
4000

2000

0

Time--> 3.90 4.00 4.10

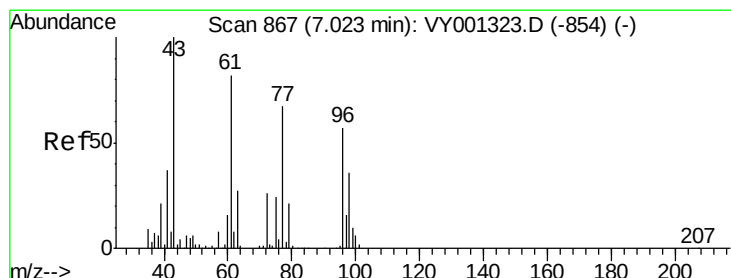
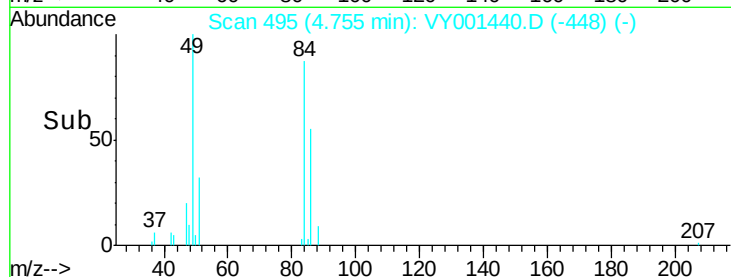
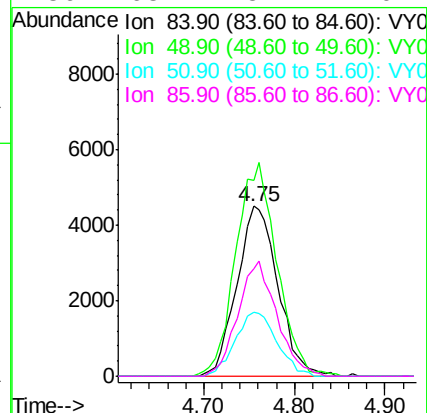
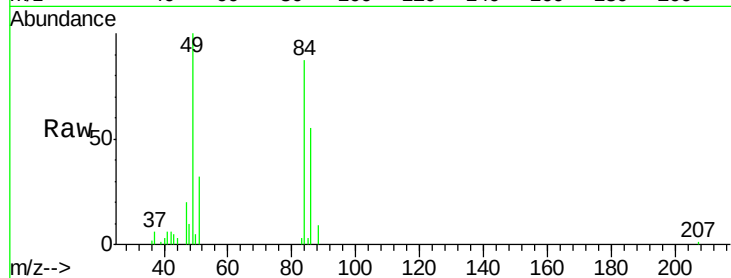




#20
Methylene Chloride
Concen: 2.600 ug/l
RT: 4.75 min Scan# 495
Delta R.T. -0.01 min
Lab File: VY001440.D
Acq: 30 Jan 2020 18:58

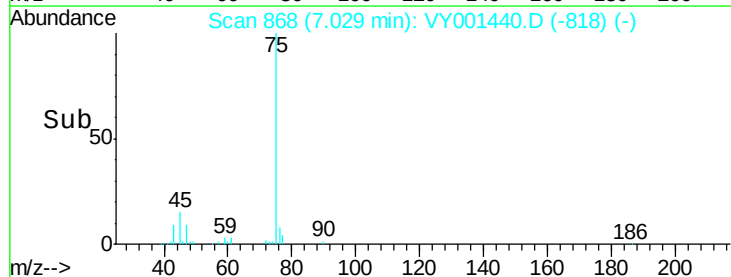
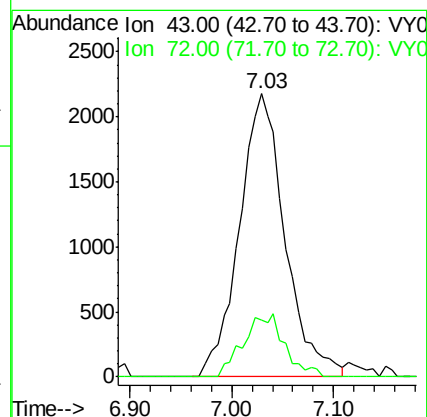
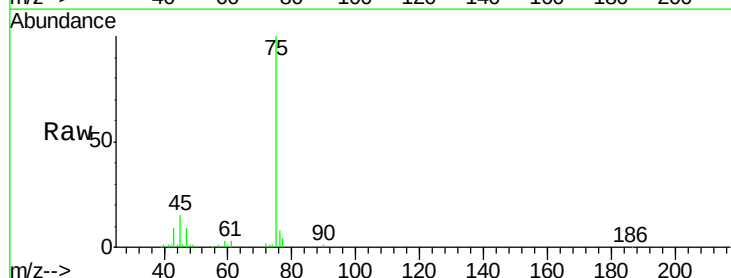
Instrument :
MSVOA_Y
ClientSampleId :
RAINEY-PARK-BH-06-C

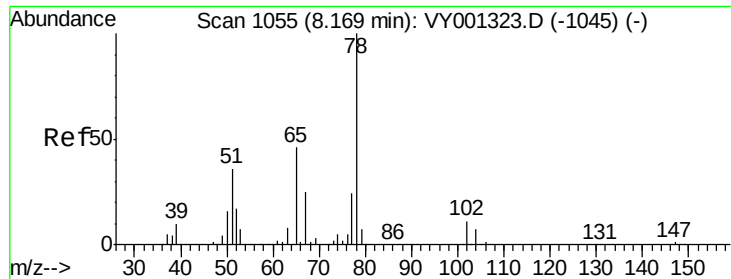
Tot Ion: 84 Resp: 14135
Ion Ratio Lower Upper
84 100
49 115.4 98.3 147.5
51 37.4 31.6 47.4
86 63.1 51.1 76.7



#25
2-Butanone
Concen: 9.003 ug/l
RT: 7.03 min Scan# 868
Delta R.T. 0.01 min
Lab File: VY001440.D
Acq: 30 Jan 2020 18:58

Tgt Ion: 43 Resp: 6778
Ion Ratio Lower Upper
43 100
72 20.1 20.6 31.0#

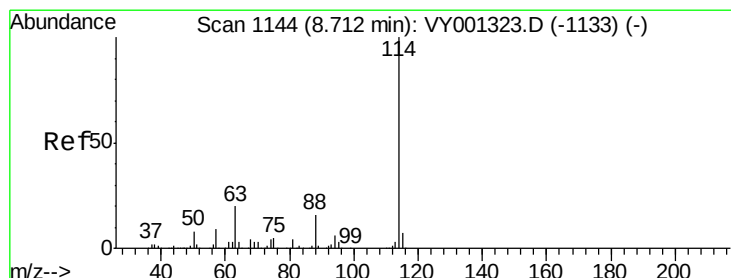
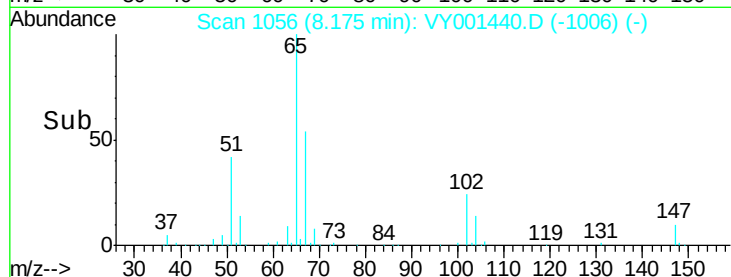
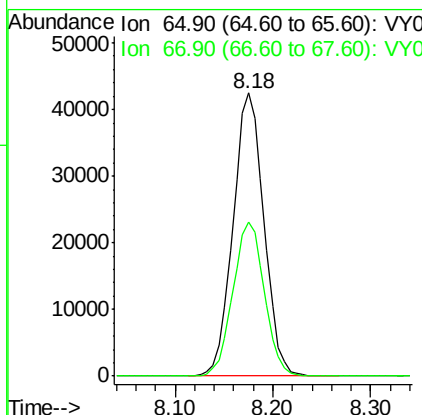
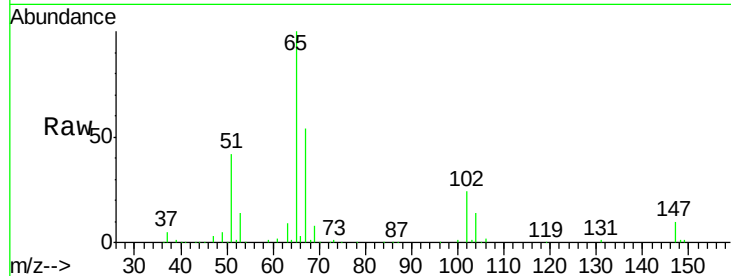




#33
 1,2-Dichloroethane-d4
 Concen: 53.539 ug/l
 RT: 8.18 min Scan# 1056
 Delta R.T. 0.01 min
 Lab File: VY001440.D
 Acq: 30 Jan 2020 18:58

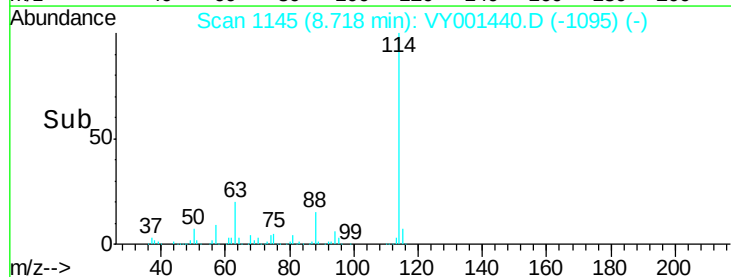
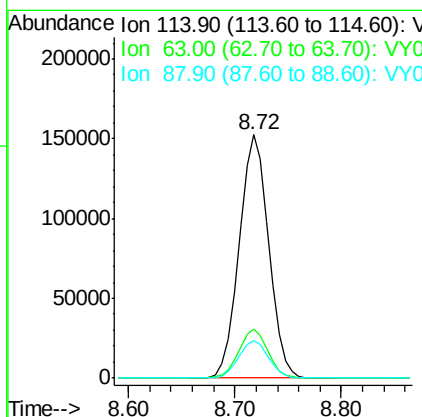
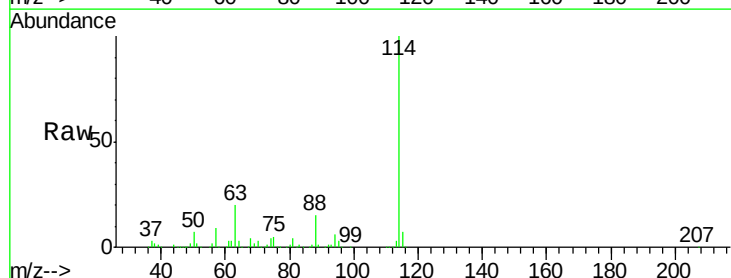
Instrument :
 MSVOA_Y
 ClientSampleId :
 RAINEY-PARK-BH-06-C

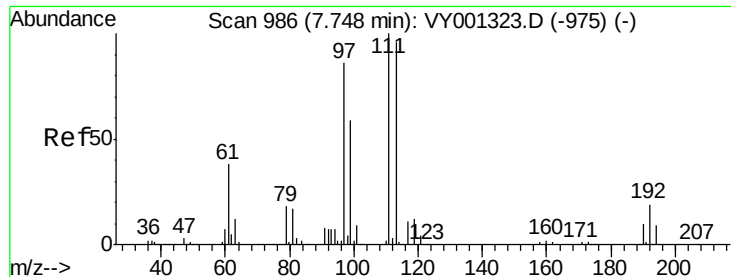
Tot Ion: 65 Resp: 92609
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001440.D
 Acq: 30 Jan 2020 18:58

Tgt Ion: 114 Resp: 296476
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.8
 88 15.5 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.086 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.01 min

Lab File: VY001440.D

Acq: 30 Jan 2020 18:58

Instrument :

MSVOA_Y

ClientSampleId :

RAINEY-PARK-BH-06-C

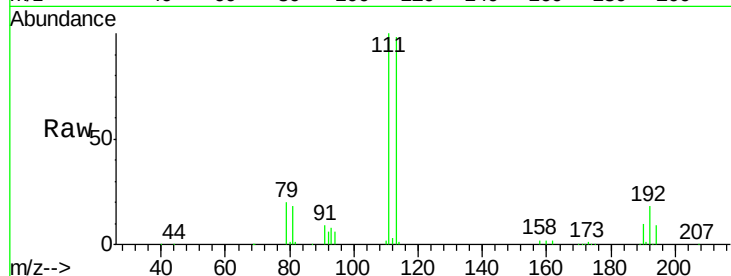
Tot Ion:113 Resp: 87152

Ion Ratio Lower Upper

113 100

111 102.9 82.8 124.2

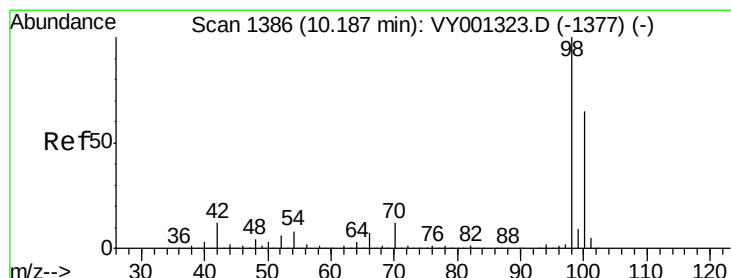
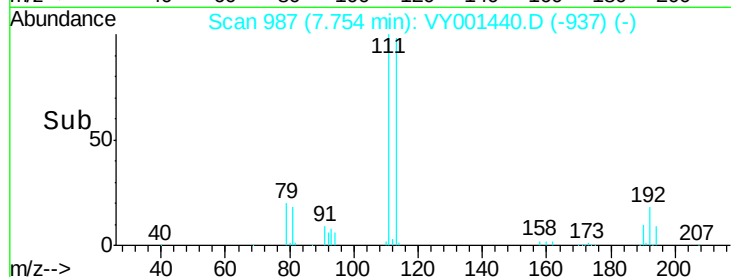
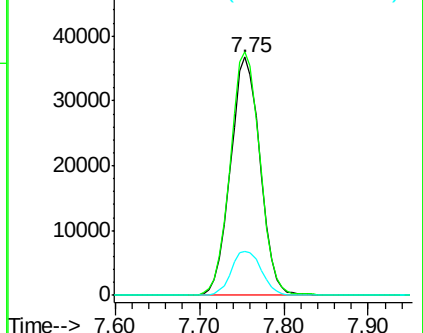
192 19.0 15.5 23.3



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: 52.076 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001440.D

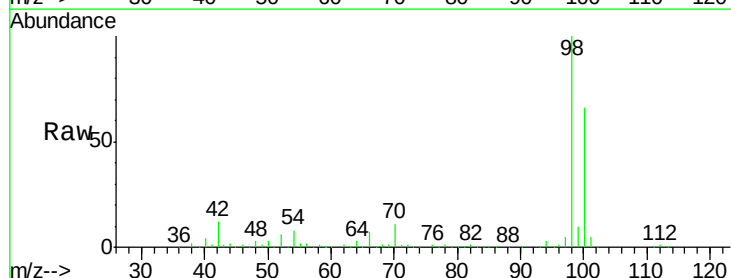
Acq: 30 Jan 2020 18:58

Tgt Ion: 98 Resp: 352058

Ion Ratio Lower Upper

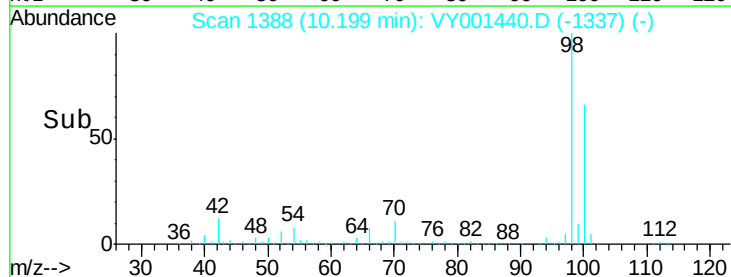
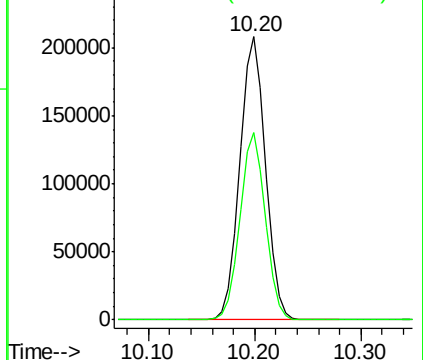
98 100

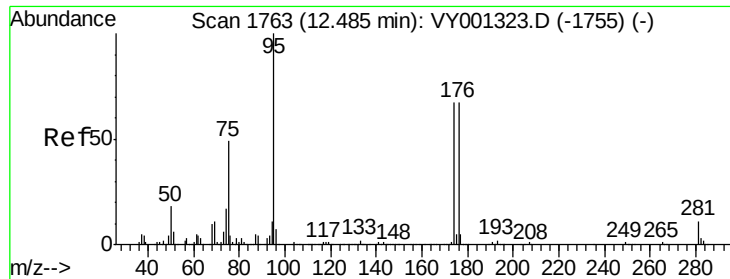
100 65.3 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

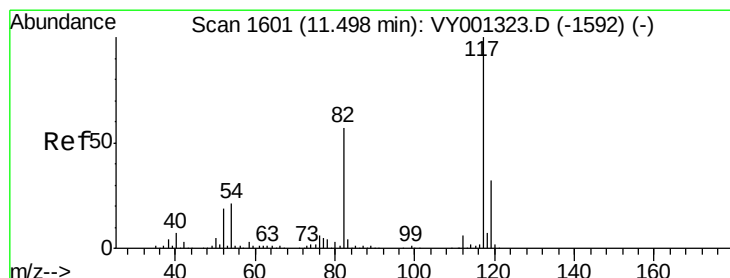
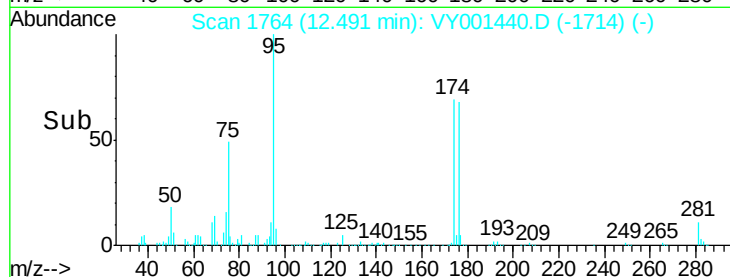
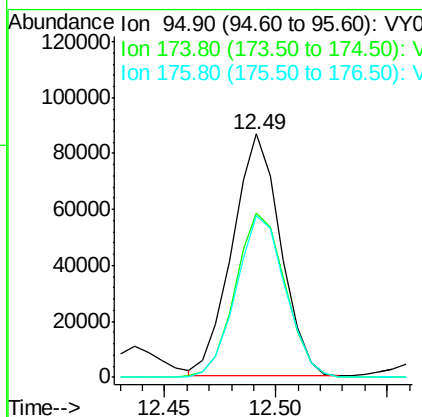
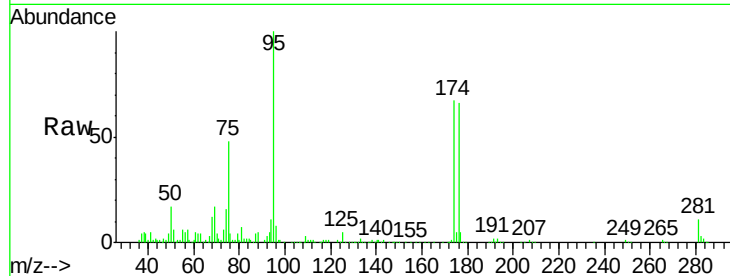




#62
4-Bromofluorobenzene
Concen: 48.623 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY001440.D
Acq: 30 Jan 2020 18:58

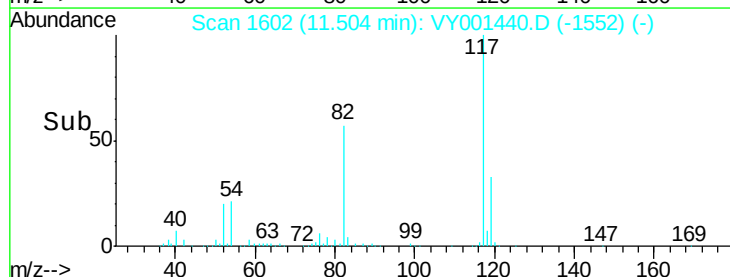
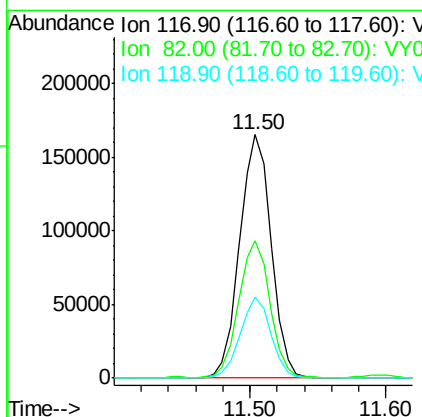
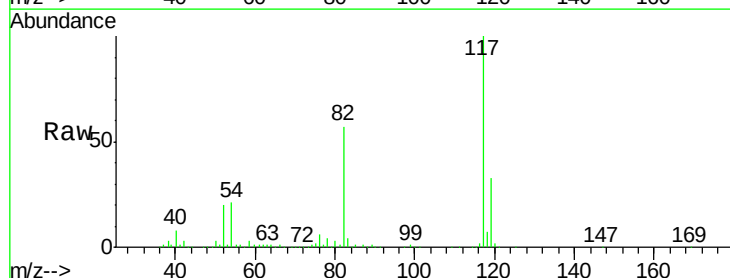
Instrument :
MSVOA_Y
ClientSampleId :
RAINEY-PARK-BH-06-C

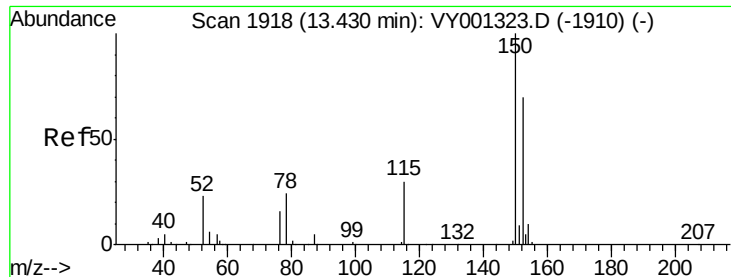
Tot Ion	Ratio	Lower	Upper
95	100		
174	69.9	0.0	142.0
176	68.0	0.0	138.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001440.D
Acq: 30 Jan 2020 18:58

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.5	68.3
119	33.0	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001440.D

Acq: 30 Jan 2020 18:58

Instrument :

MSVOA_Y

ClientSampleId :

RAINEY-PARK-BH-06-C

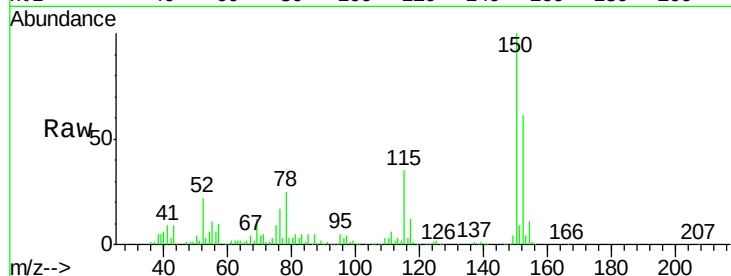
Tot Ion:152 Resp: 118114

Ion Ratio Lower Upper

152 100

115 57.9 30.9 92.8

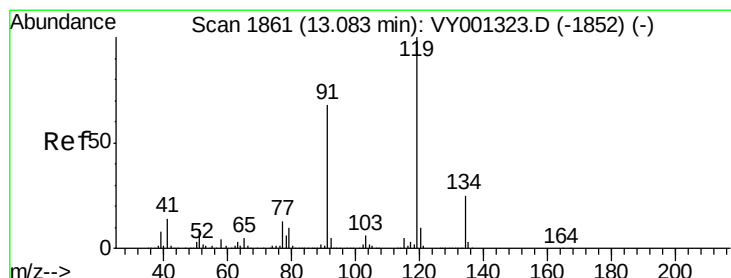
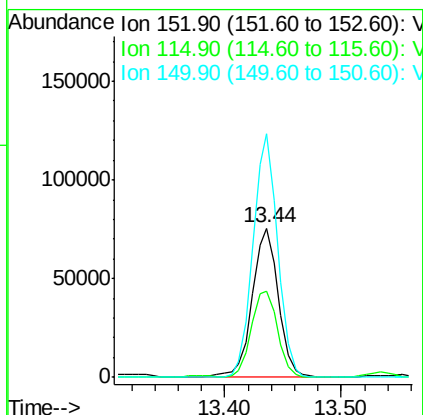
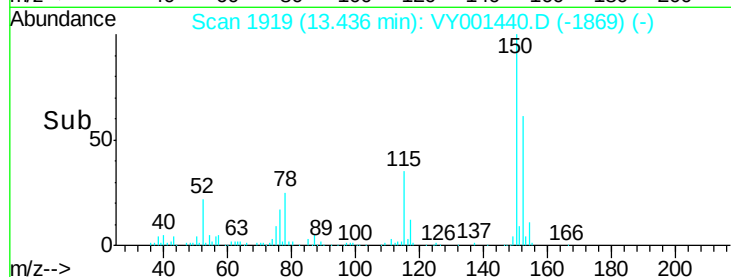
150 153.0 0.0 349.2



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



#83

tert-Butylbenzene

Concen: 1.933 ug/l

RT: 13.08 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VY001440.D

Acq: 30 Jan 2020 18:58

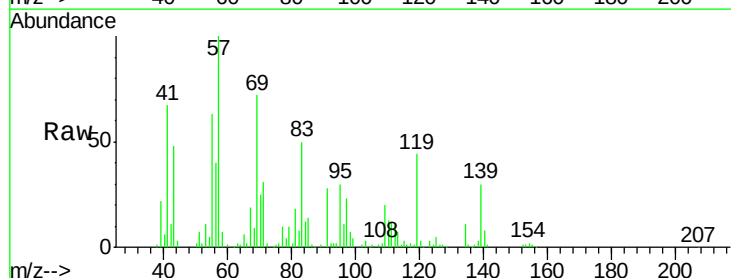
Tgt Ion:119 Resp: 12673

Ion Ratio Lower Upper

119 100

91 68.8 33.0 99.0

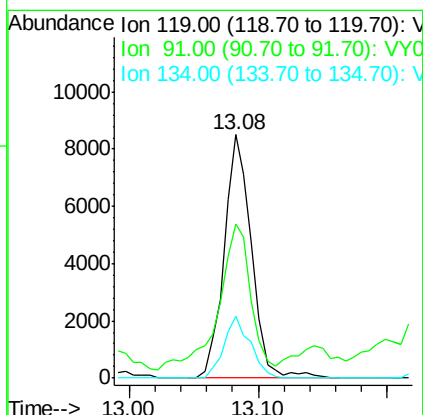
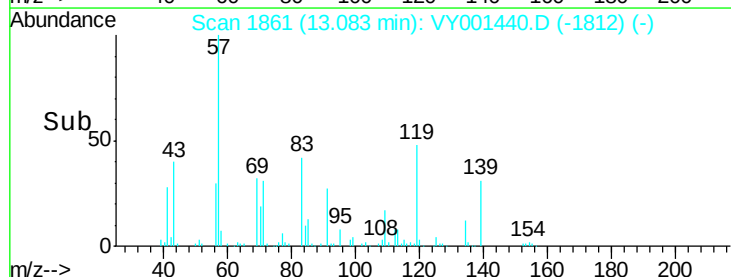
134 24.4 13.3 39.9

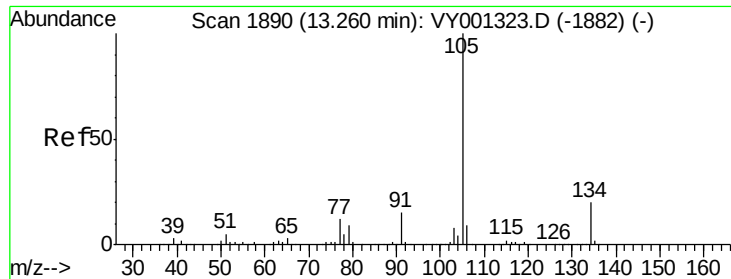


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V





#85

sec-Butylbenzene

Concen: 12.952 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY001440.D

Acq: 30 Jan 2020 18:58

Instrument :

MSVOA_Y

ClientSampleId :

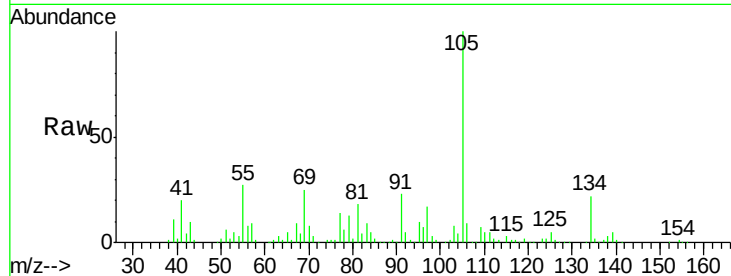
RAINEY-PARK-BH-06-C

Tot Ion:105 Resp: 120672

Ion Ratio Lower Upper

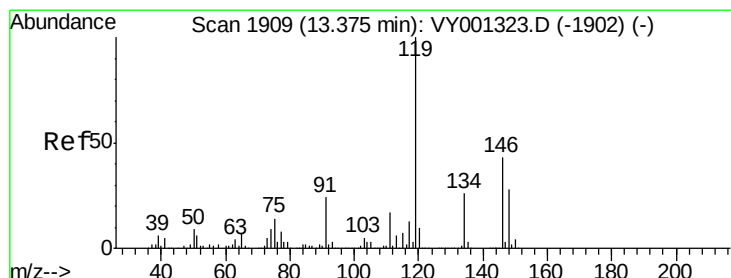
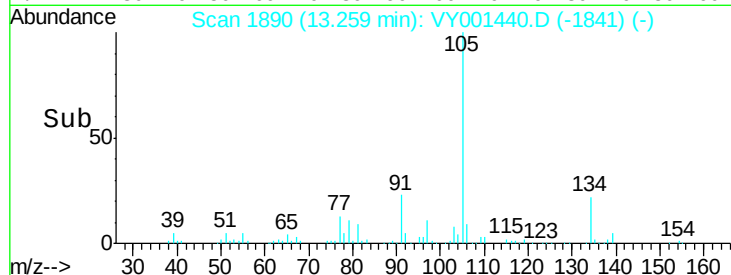
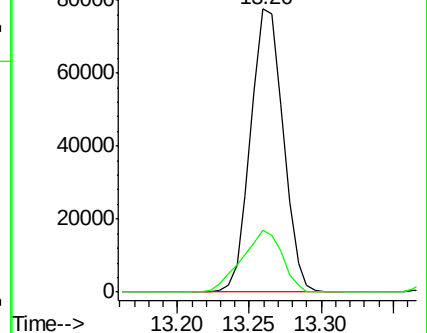
105 100

134 27.2 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 2.353 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY001440.D

Acq: 30 Jan 2020 18:58

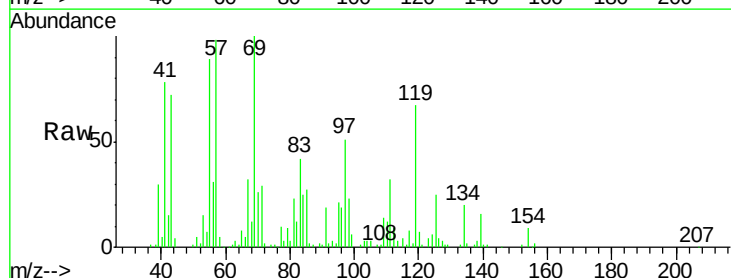
Tgt Ion:119 Resp: 19321

Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.4

91 30.8 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

