

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041520\
 Data File : VY002335.D
 Acq On : 15 Apr 2020 14:35
 Operator : SY/MD
 Sample : L2245-12
 Misc : 6.48G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-23B

Quant Time: Apr 16 08:21:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

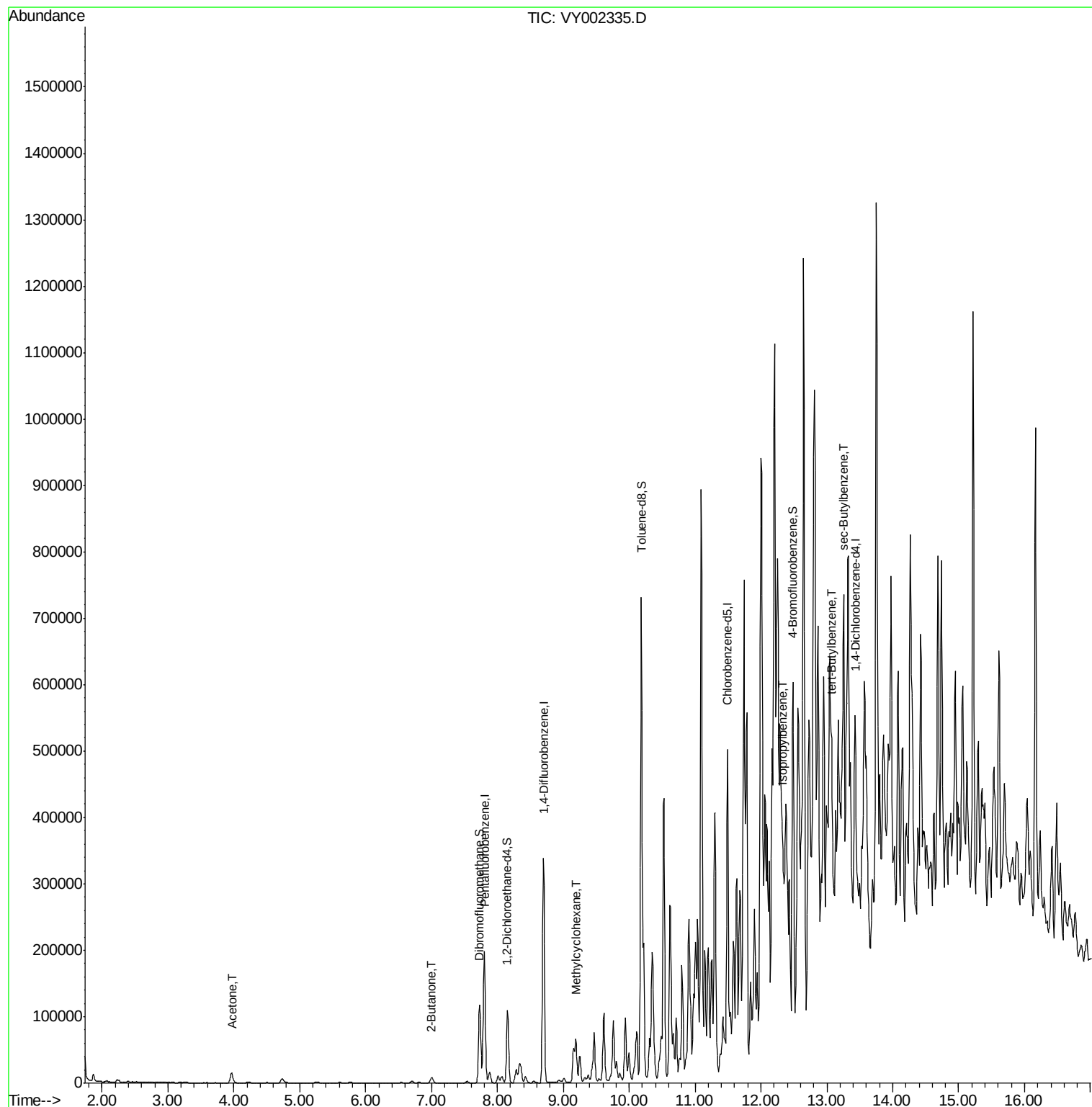
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	147342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	296201	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	253837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	91880	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	81132	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
35) Dibromofluoromethane	7.73	113	86968	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
50) Toluene-d8	10.19	98	371291	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
62) 4-Bromofluorobenzene	12.49	95	133376	54.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.60%	
Target Compounds						
16) Acetone	3.96	43	25911	60.040	ug/l	96
25) 2-Butanone	7.01	43	11807	17.288	ug/l	95
39) Methylcyclohexane	9.19	83	25037	6.309	ug/l	89
73) Isopropylbenzene	12.33	105	26575	3.682	ug/l	98
83) tert-Butylbenzene	13.08	119	75234	15.046	ug/l	95
85) sec-Butylbenzene	13.26	105	196567	26.389	ug/l	81

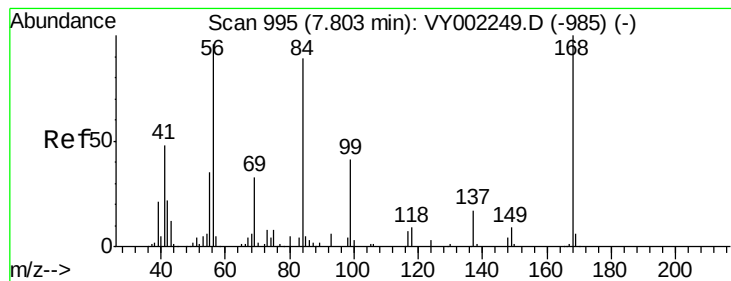
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041520\
Data File : VY002335.D
Acq On : 15 Apr 2020 14:35
Operator : SY/MD
Sample : L2245-12
Misc : 6.48G/5ML/MSVOA Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-23B

Quant Time: Apr 16 08:21:40 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY002335.D

Acq: 15 Apr 2020 14:35

Instrument :

MSVOA_Y

ClientSampled :

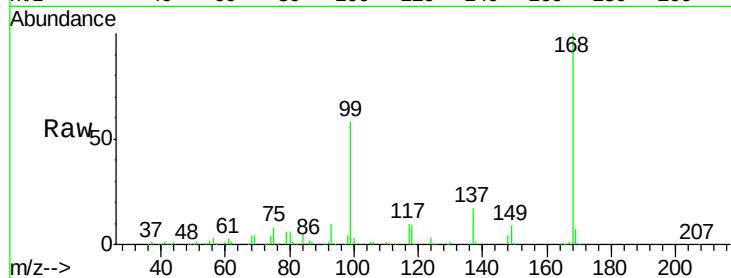
TP-23B

Tot Ion:168 Resp: 147342

Ion Ratio Lower Upper

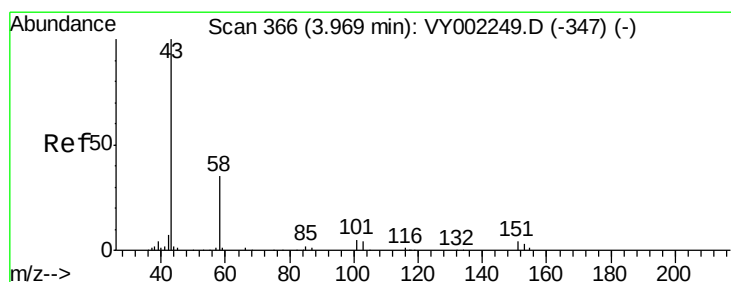
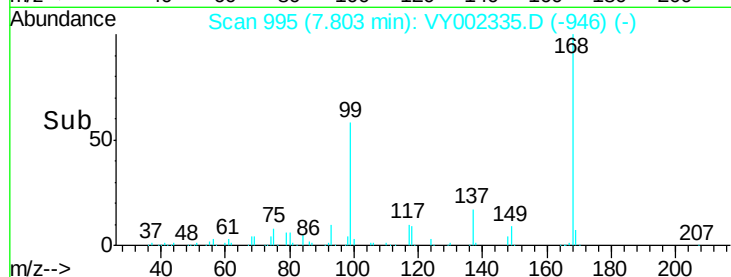
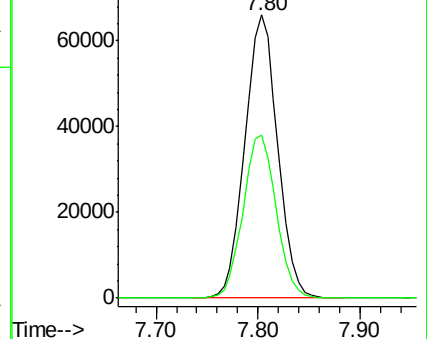
168 100

99 57.8 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)



#16

Acetone

Concen: 60.040 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VY002335.D

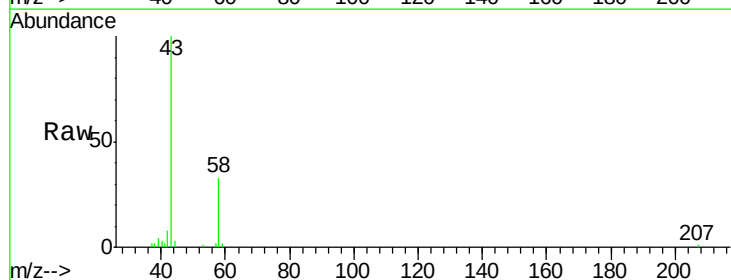
Acq: 15 Apr 2020 14:35

Tgt Ion: 43 Resp: 25911

Ion Ratio Lower Upper

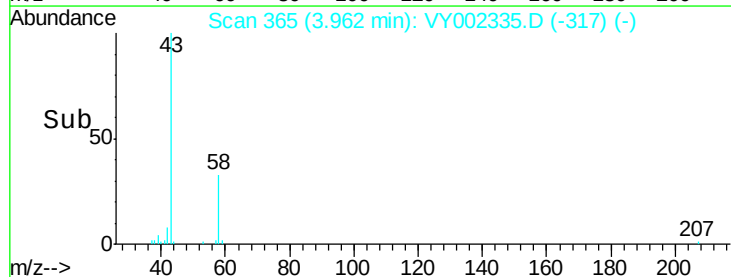
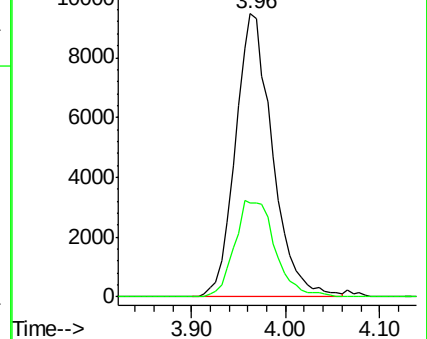
43 100

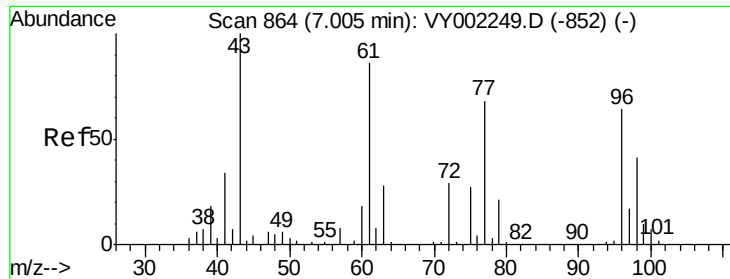
58 33.1 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002249.D (-347) (-)

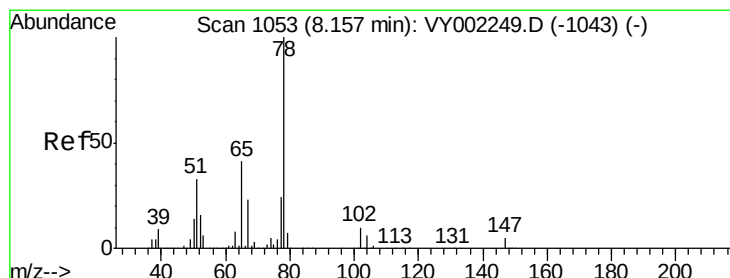
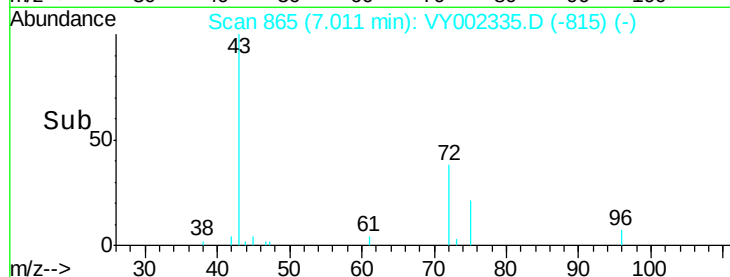
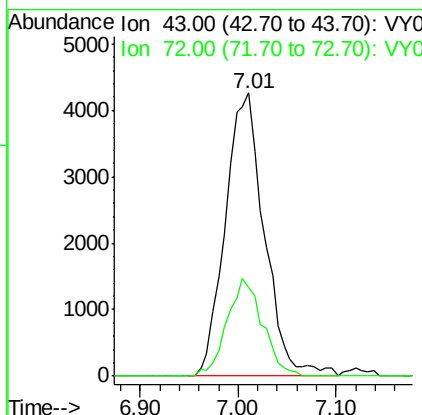
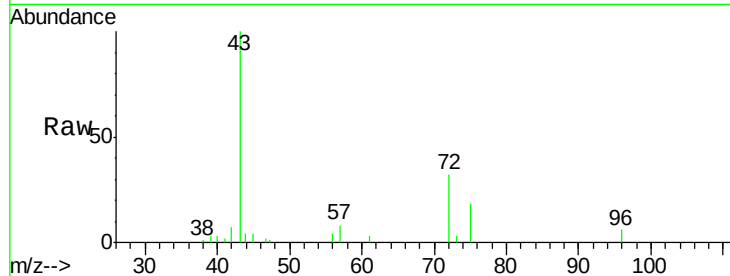




#25
 2-Butanone
 Concen: 17.288 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VY002335.D
 Acq: 15 Apr 2020 14:35

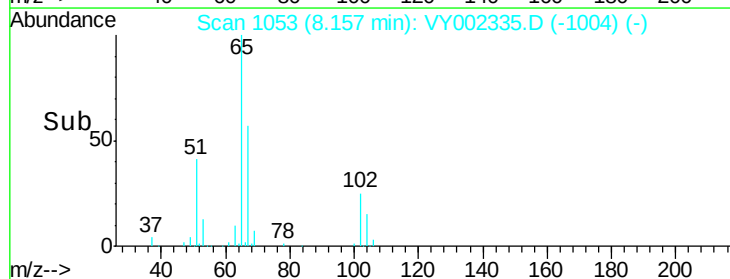
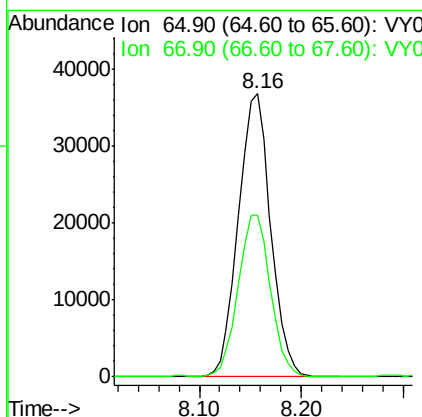
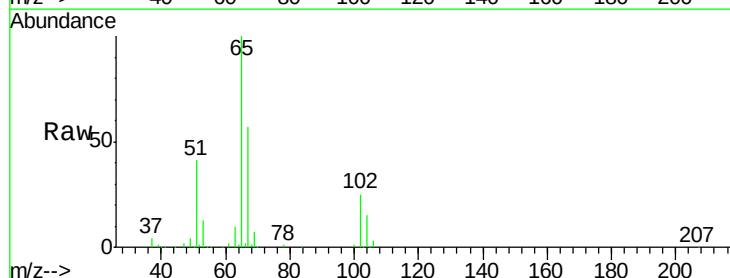
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-23B

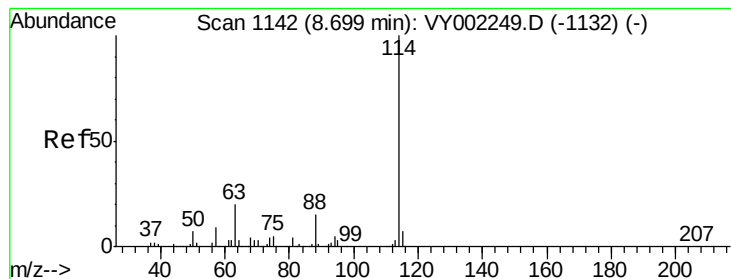
Tot Ion: 43 Resp: 11807
 Ion Ratio Lower Upper
 43 100
 72 31.5 23.2 34.8



#33
 1,2-Dichloroethane-d4
 Concen: 49.515 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY002335.D
 Acq: 15 Apr 2020 14:35

Tgt Ion: 65 Resp: 81132
 Ion Ratio Lower Upper
 65 100
 67 57.1 0.0 114.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY002335.D

Acq: 15 Apr 2020 14:35

Instrument :

MSVOA_Y

ClientSampleId :

TP-23B

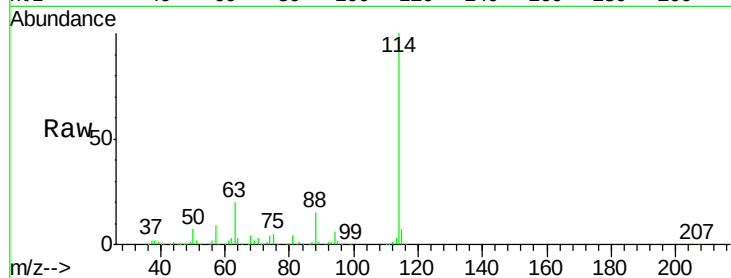
Tot Ion:114 Resp: 296201

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.0

88 14.8 0.0 31.0



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

200000

150000

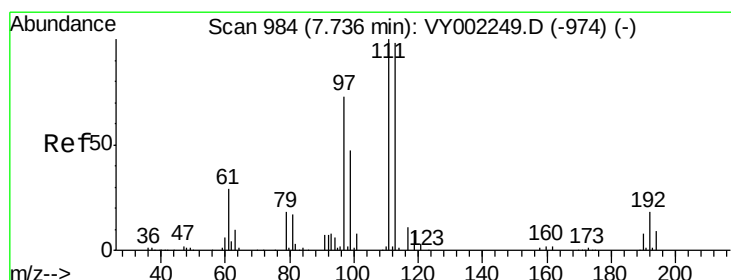
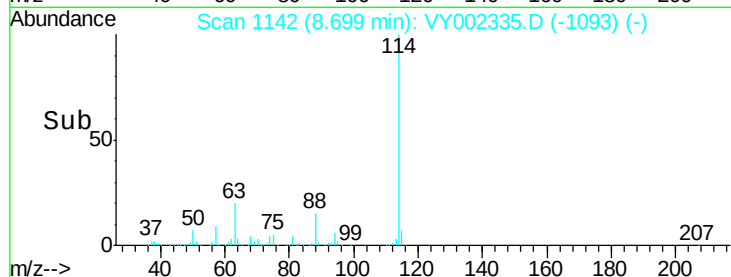
100000

50000

0

8.60 8.65 8.70 8.75 8.80

Time-->



#35

Dibromofluoromethane

Concen: 49.344 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002335.D

Acq: 15 Apr 2020 14:35

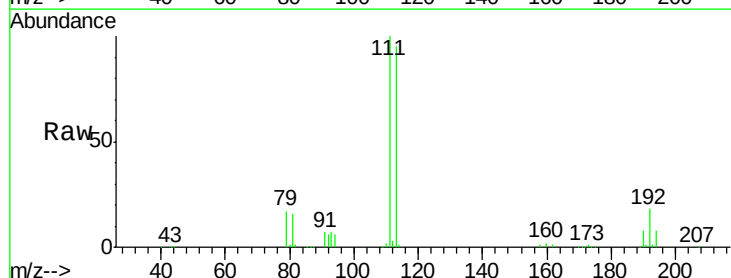
Tgt Ion:113 Resp: 86968

Ion Ratio Lower Upper

113 100

111 102.8 83.5 125.3

192 17.8 14.7 22.1



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

50000

40000

30000

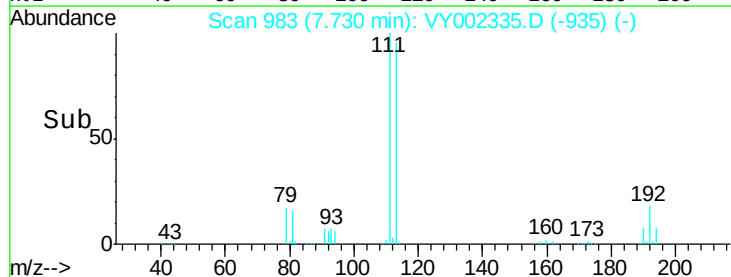
20000

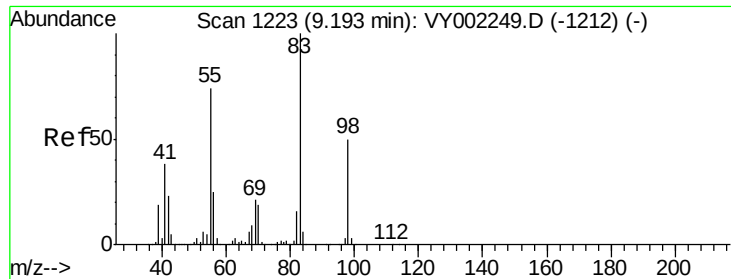
10000

0

7.60 7.70 7.80 7.90

Time-->

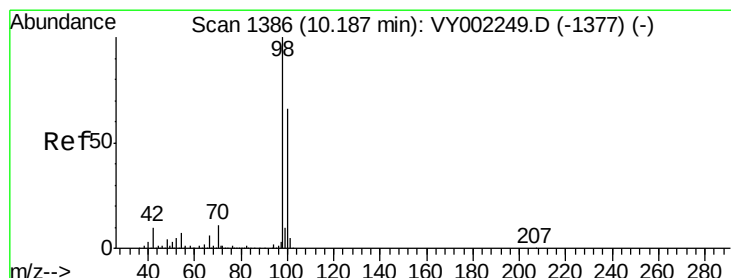
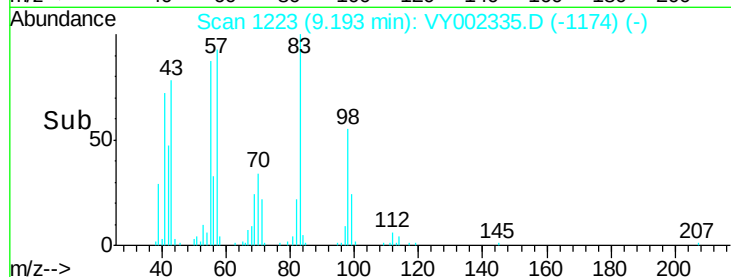
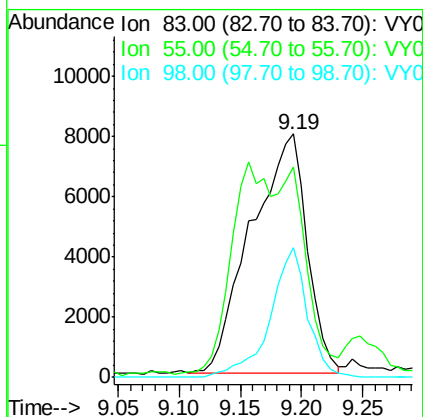
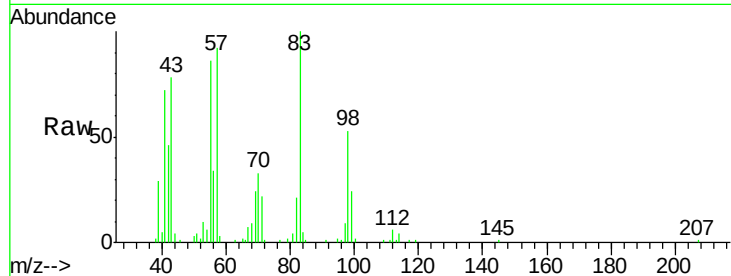




#39
Methylvlcyclohexane
Concen: 6.309 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VY002335.D
Acq: 15 Apr 2020 14:35

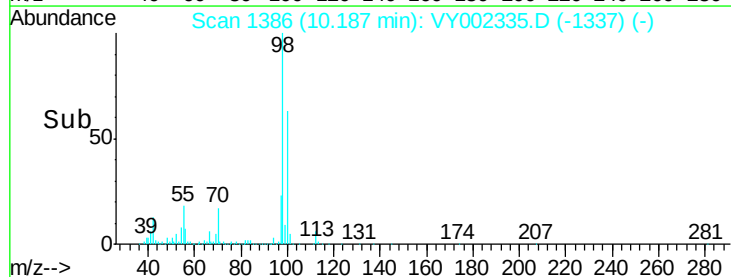
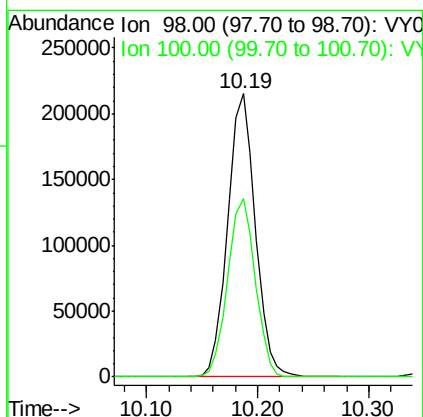
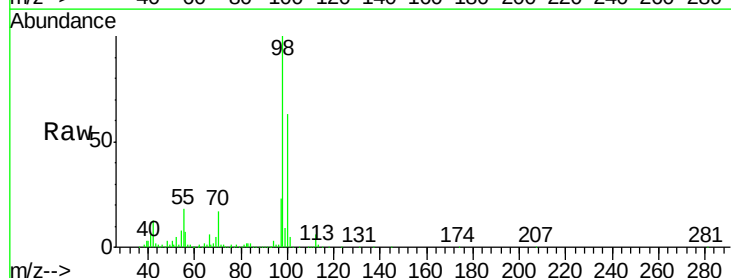
Instrument :
MSVOA_Y
ClientSampled :
TP-23B

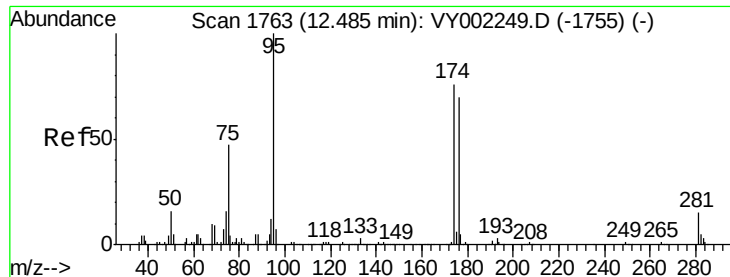
Tot Ion: 83 Resp: 25037
Ion Ratio Lower Upper
83 100
55 85.8 59.3 88.9
98 54.5 39.6 59.4



#50
Toluene-d8
Concen: 50.330 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY002335.D
Acq: 15 Apr 2020 14:35

Tgt Ion: 98 Resp: 371291
Ion Ratio Lower Upper
98 100
100 62.7 52.6 78.8

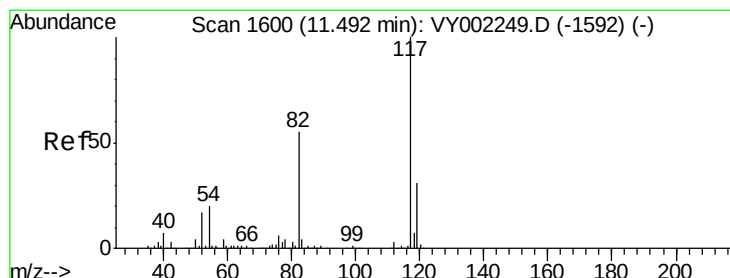
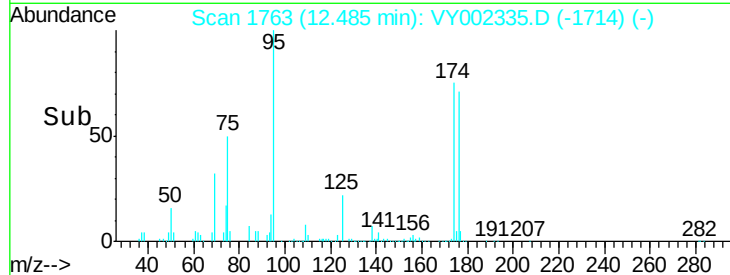
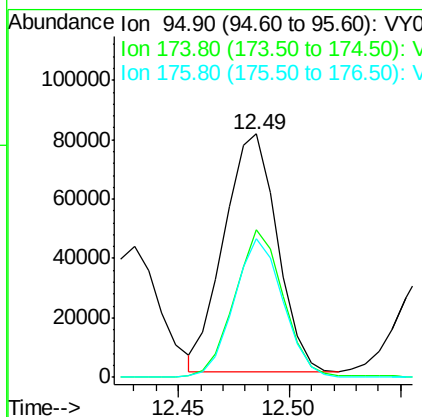
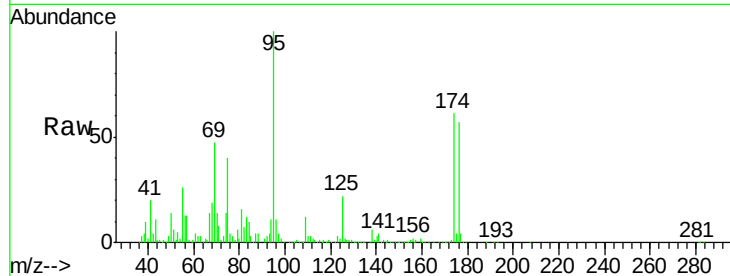




#62
4-Bromofluorobenzene
Concen: 54.802 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY002335.D
Acq: 15 Apr 2020 14:35

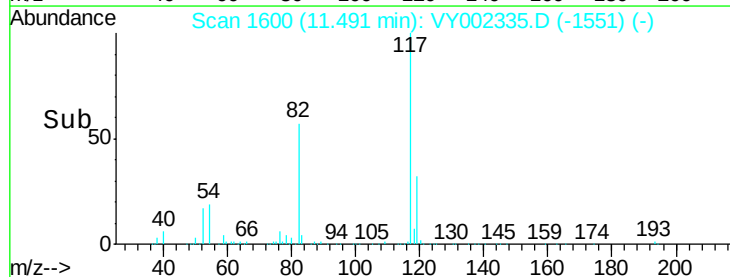
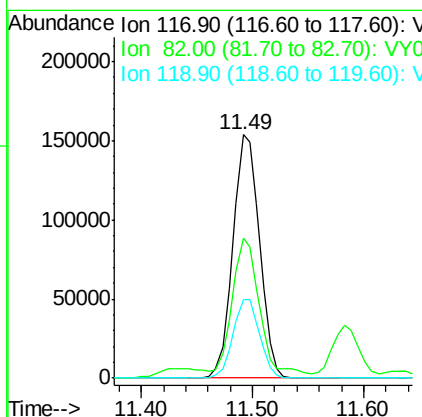
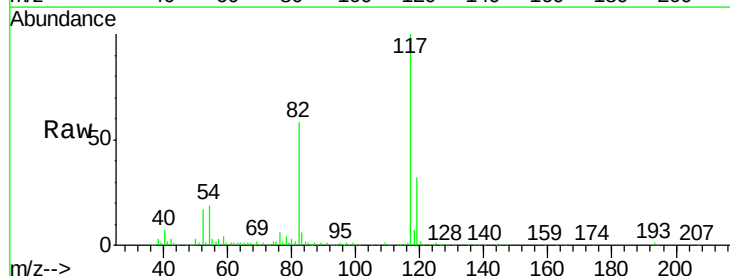
Instrument :
MSVOA_Y
ClientSampled :
TP-23B

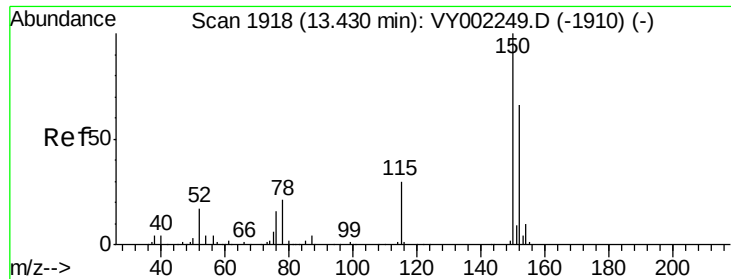
Tot Ion: 95 Resp: 133376
Ion Ratio Lower Upper
95 100
174 56.6 0.0 150.6
176 53.6 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002335.D
Acq: 15 Apr 2020 14:35

Tgt Ion: 117 Resp: 253837
Ion Ratio Lower Upper
117 100
82 53.5 44.2 66.4
119 32.4 25.1 37.7



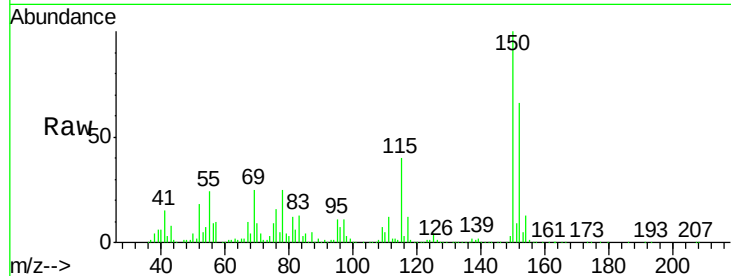


#72

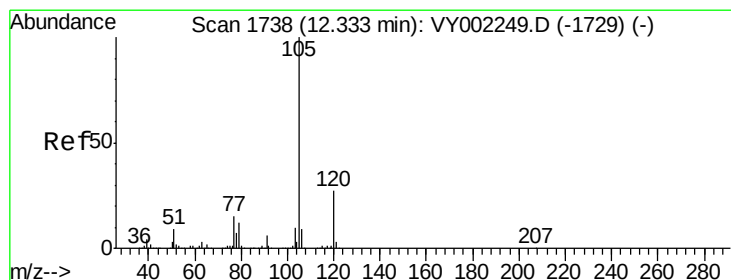
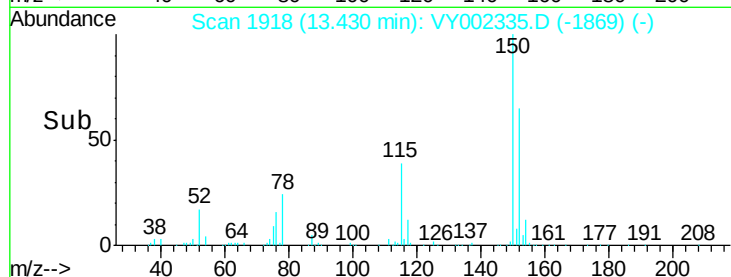
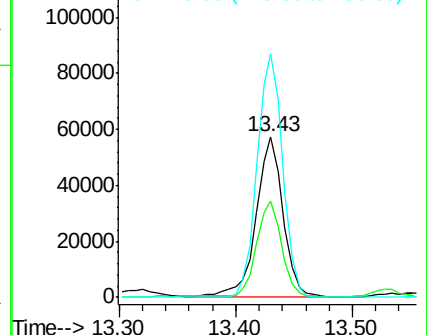
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY002335.D
Acq: 15 Apr 2020 14:35

Instrument :
MSVOA_Y
ClientSampleId :
TP-23B

Tot Ion:152 Resp: 91880
Ion Ratio Lower Upper
152 100
115 54.9 30.7 92.1
150 143.7 0.0 350.6



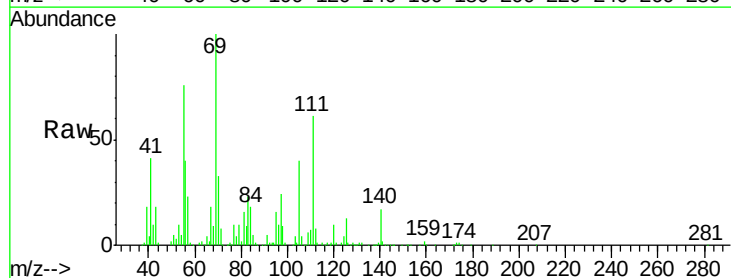
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



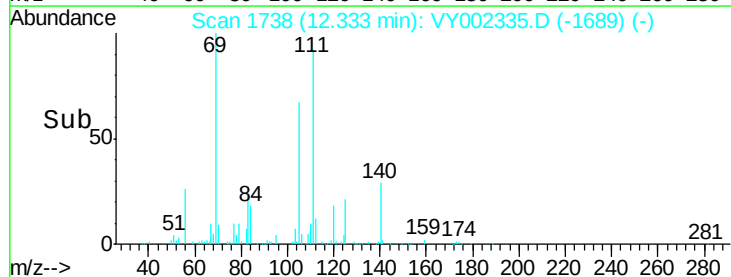
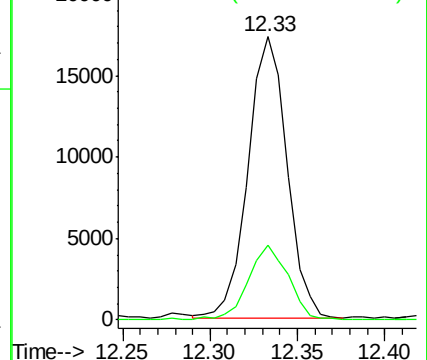
#73

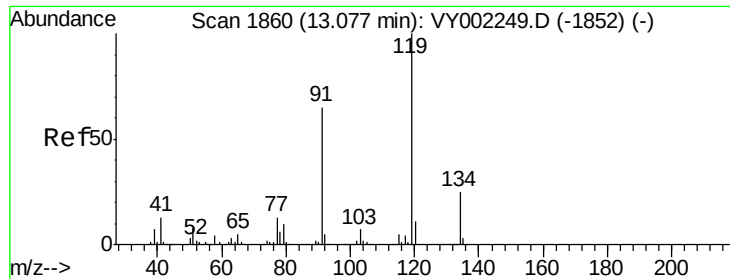
Isopropylbenzene
Concen: 3.682 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VY002335.D
Acq: 15 Apr 2020 14:35

Tgt Ion:105 Resp: 26575
Ion Ratio Lower Upper
105 100
120 27.5 13.3 39.8



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

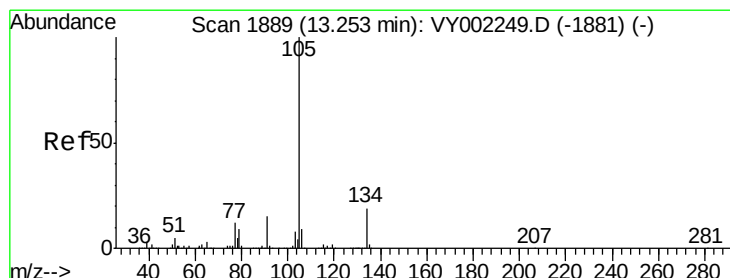
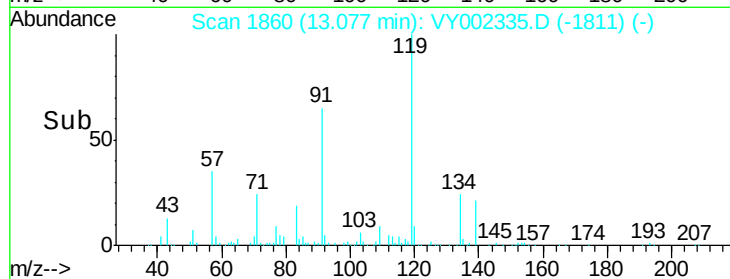
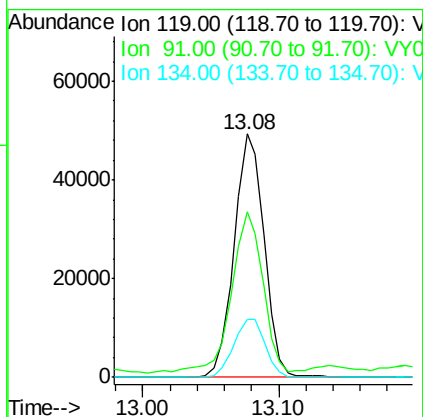
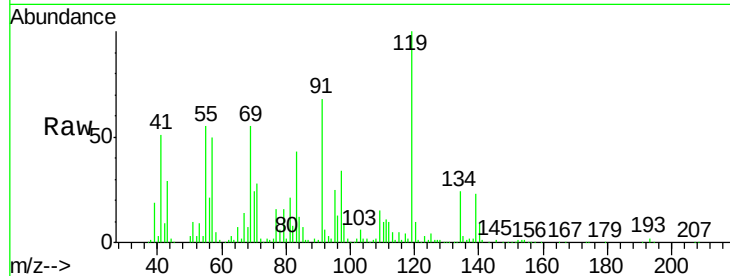




#83
 tert-Butylbenzene
 Concen: 15.046 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY002335.D
 Acq: 15 Apr 2020 14:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-23B

Tot Ion:119 Resp: 75234
 Ion Ratio Lower Upper
 119 100
 91 70.6 32.4 97.0
 134 25.1 12.6 37.6



#85
 sec-Butylbenzene
 Concen: 26.389 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. 0.01 min
 Lab File: VY002335.D
 Acq: 15 Apr 2020 14:35

Tgt Ion:105 Resp: 196567
 Ion Ratio Lower Upper
 105 100
 134 28.0 9.8 29.3

