

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY013020\
 Data File : VY001430.D
 Acq On : 30 Jan 2020 15:15
 Operator : SY/MD
 Sample : L1319-04
 Misc : 5.59G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jan 30 15:35:32 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

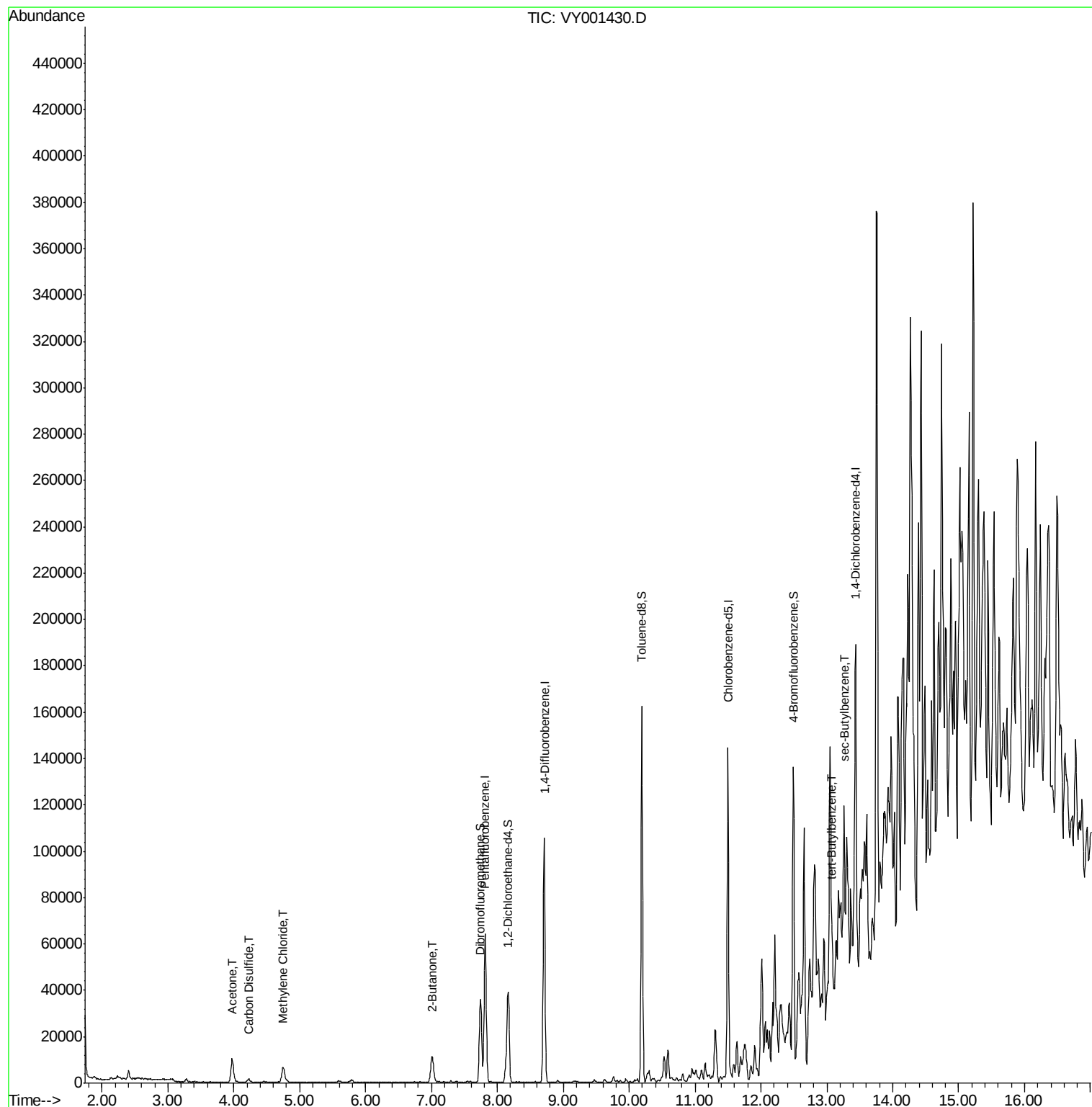
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	51679	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	92733	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	77033	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	33183	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	27740	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
35) Dibromofluoromethane	7.75	113	26339	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
50) Toluene-d8	10.19	98	106274	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
62) 4-Bromofluorobenzene	12.49	95	37320	44.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.64%	
Target Compounds						
16) Acetone	3.97	43	18173	118.696	ug/l	100
17) Carbon Disulfide	4.22	76	2684	1.555	ug/l	99
20) Methylene Chloride	4.75	84	4445	2.363	ug/l	95
25) 2-Butanone	7.02	43	5492	22.438	ug/l	90
83) tert-Butylbenzene	13.08	119	6817	3.700	ug/l	96
85) sec-Butylbenzene	13.26	105	35903	13.716	ug/l	82

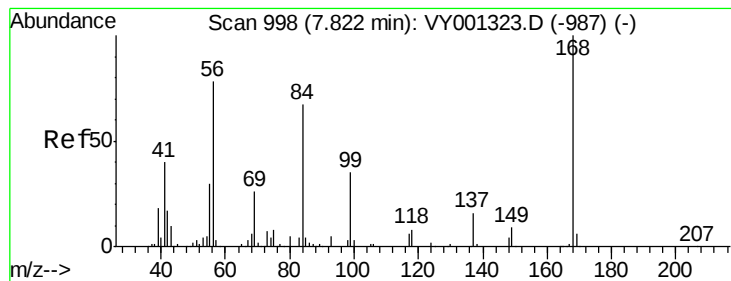
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY013020\
Data File : VY001430.D
Acq On : 30 Jan 2020 15:15
Operator : SY/MD
Sample : L1319-04
Misc : 5.59G/5ML/MSVOA Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jan 30 15:35:32 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.01 min

Lab File: VY001430.D

Acq: 30 Jan 2020 15:15

Instrument :

MSVOA_Y

ClientSampleId :

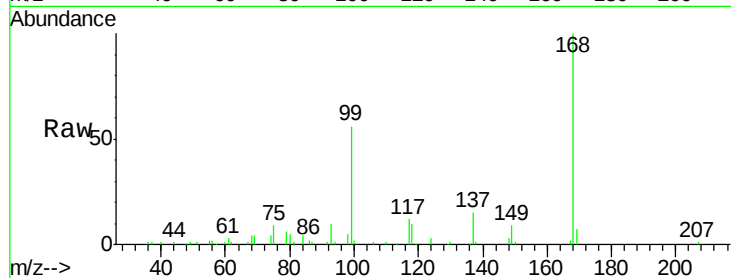
RAINEY-PARK-BH-06-C

Tot Ion:168 Resp: 51679

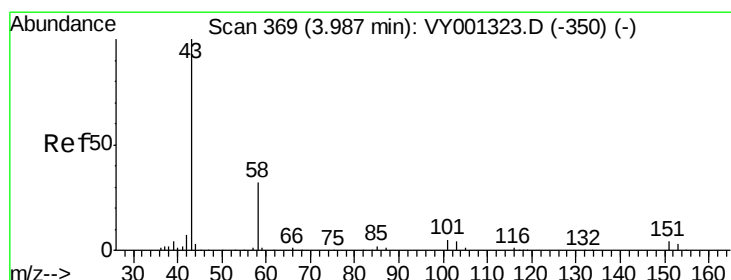
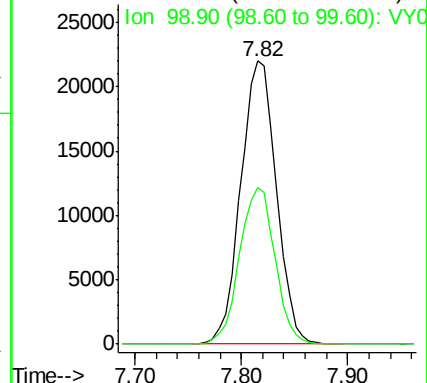
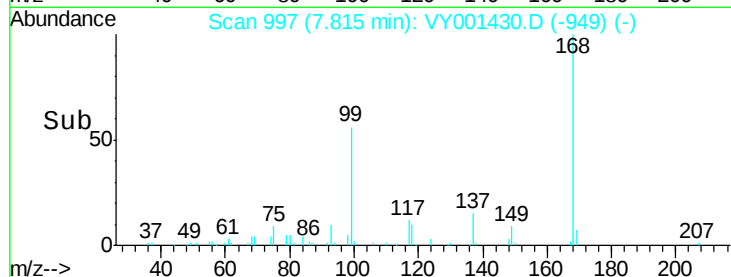
Ion Ratio Lower Upper

168 100

99 55.6 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001430.D (-949) (-)



#16

Acetone

Concen: 118.696 ug/l

RT: 3.97 min Scan# 367

Delta R.T. -0.01 min

Lab File: VY001430.D

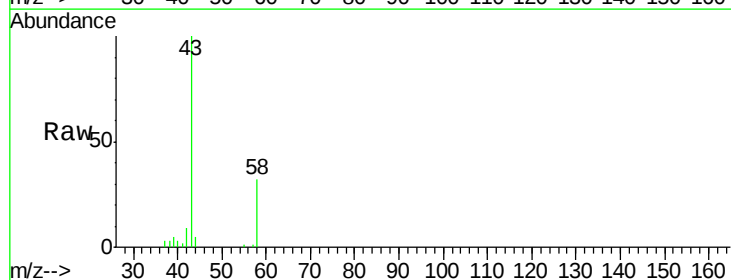
Acq: 30 Jan 2020 15:15

Tgt Ion: 43 Resp: 18173

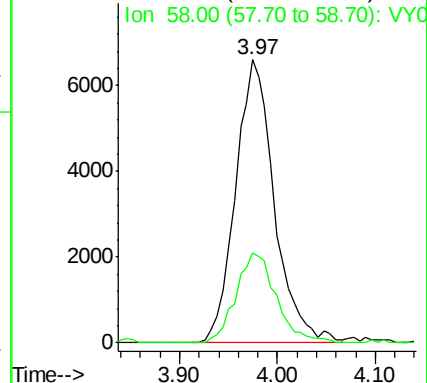
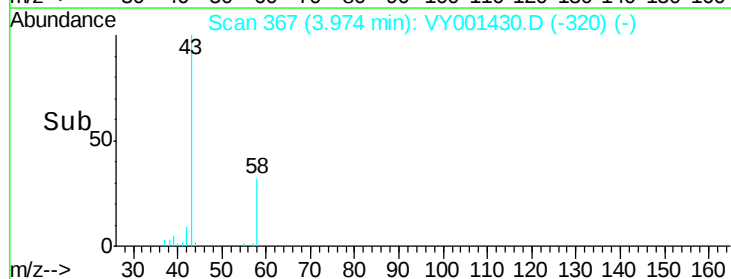
Ion Ratio Lower Upper

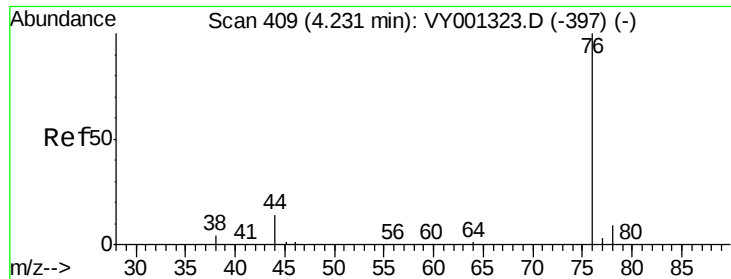
43 100

58 31.9 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VY001430.D (-320) (-)





#17

Carbon Disulfide

Concen: 1.555 ug/l

RT: 4.22 min Scan# 407

Delta R.T. -0.01 min

Lab File: VY001430.D

Acq: 30 Jan 2020 15:15

Instrument :

MSVOA_Y

ClientSampleId :

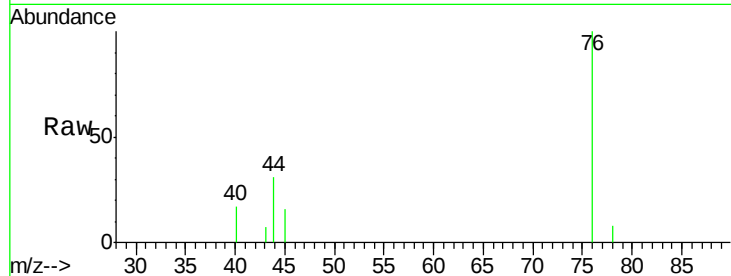
RAINEY-PARK-BH-06-C

Tot Ion: 76 Resp: 2684

Ion Ratio Lower Upper

76 100

78 8.4 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.22

1000

800

600

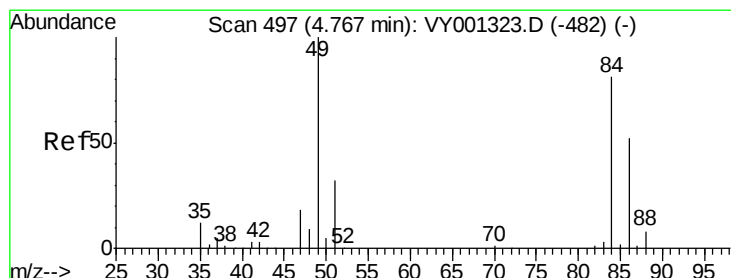
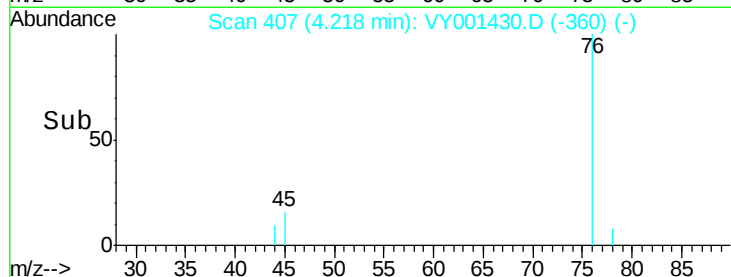
400

200

0

4.15 4.20 4.25 4.30

Time-->



#20

Methylene Chloride

Concen: 2.363 ug/l

RT: 4.75 min Scan# 495

Delta R.T. -0.01 min

Lab File: VY001430.D

Acq: 30 Jan 2020 15:15

Tgt Ion: 84 Resp: 4445

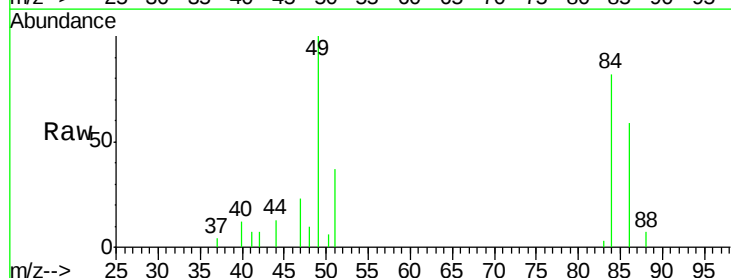
Ion Ratio Lower Upper

84 100

49 122.3 98.3 147.5

51 45.8 31.6 47.4

86 71.7 51.1 76.7



Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0

3000

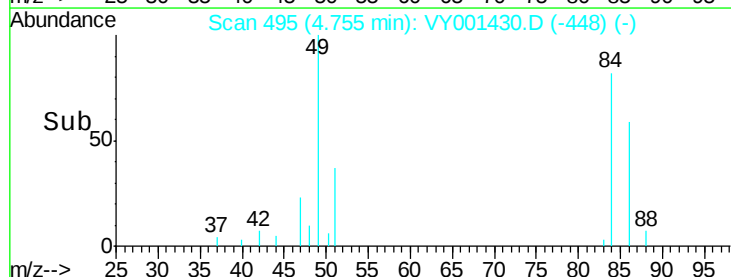
2000

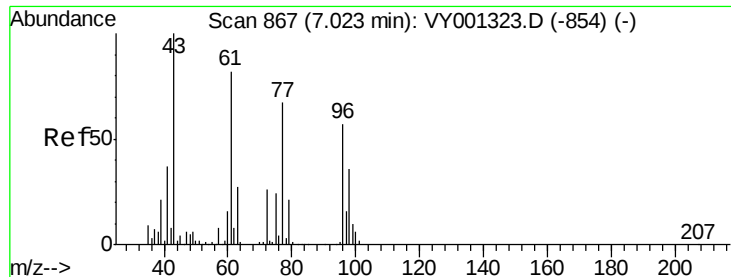
1000

0

4.65 4.70 4.75 4.80 4.85

Time-->





#25

2-Butanone

Concen: 22.438 ug/l

RT: 7.02 min Scan# 867

Delta R.T. -0.00 min

Lab File: VY001430.D

Acq: 30 Jan 2020 15:15

Instrument :

MSVOA_Y

ClientSampleId :

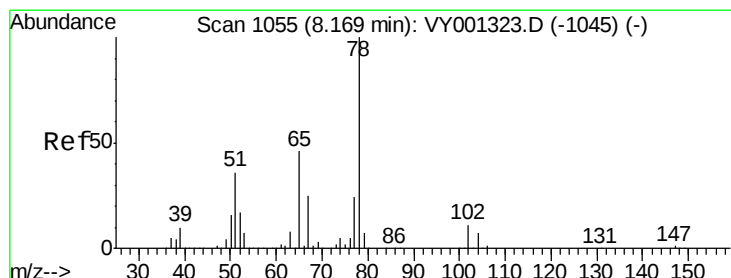
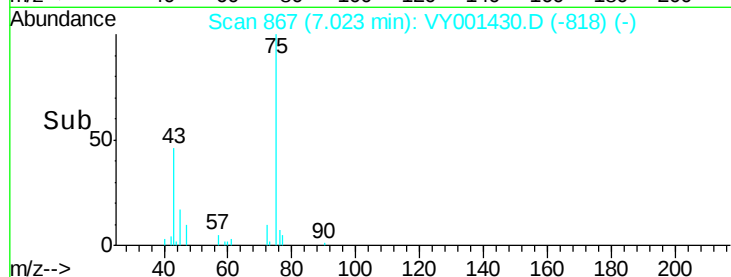
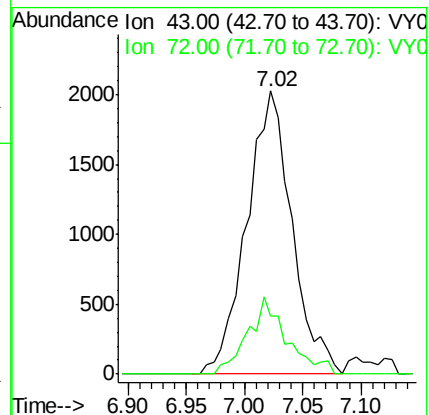
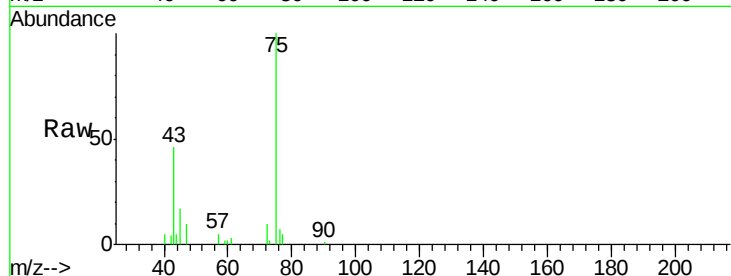
RAINEY-PARK-BH-06-C

Tot Ion: 43 Resp: 5492

Ion Ratio Lower Upper

43 100

72 20.7 20.6 31.0



#33

1,2-Dichloroethane-d4

Concen: 49.330 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VY001430.D

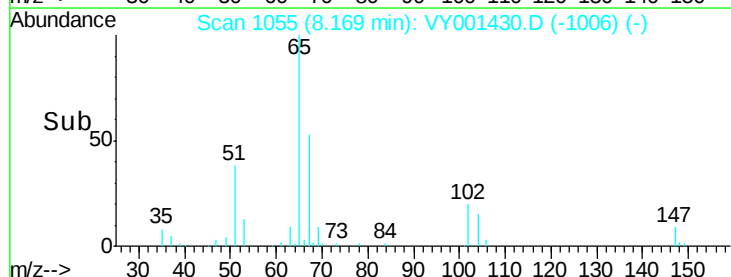
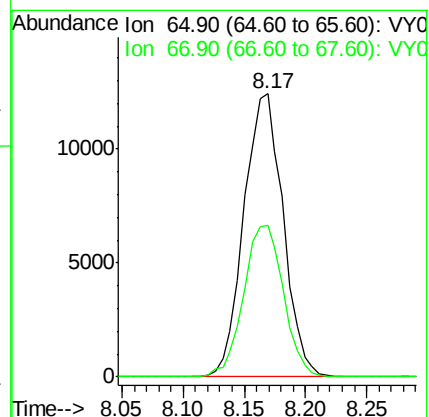
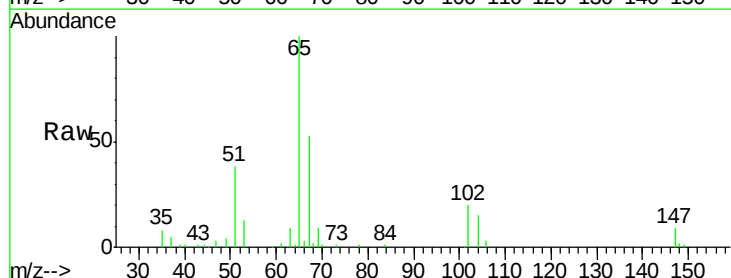
Acq: 30 Jan 2020 15:15

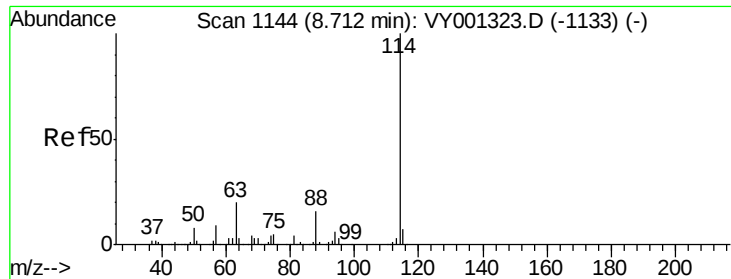
Tgt Ion: 65 Resp: 27740

Ion Ratio Lower Upper

65 100

67 54.3 0.0 108.6

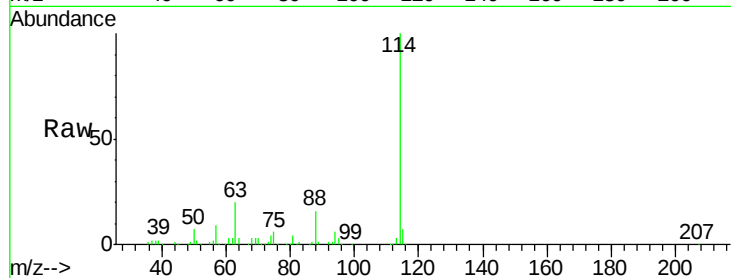




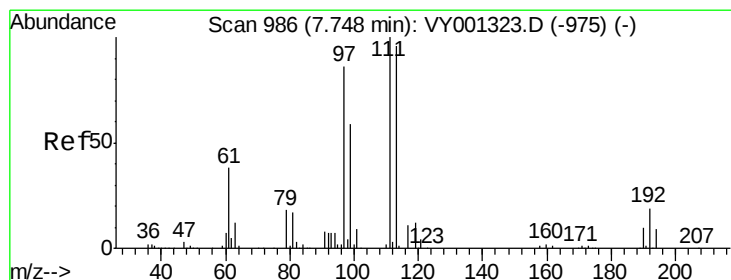
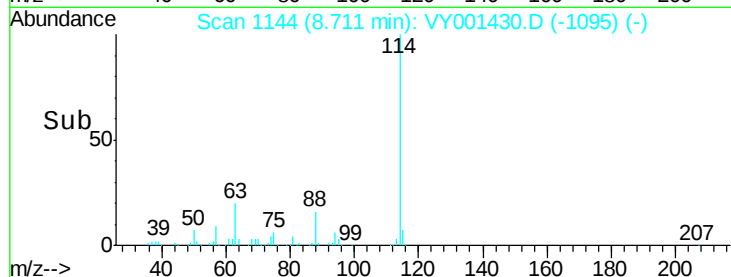
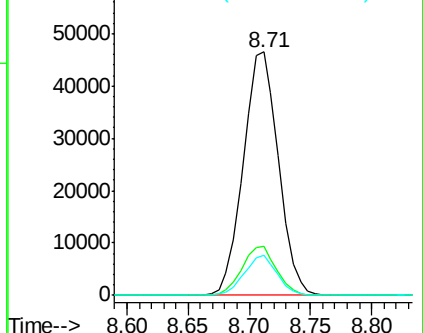
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1144
Delta R.T. -0.00 min
Lab File: VY001430.D
Acq: 30 Jan 2020 15:15

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

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.8
88	16.4	0.0	31.0

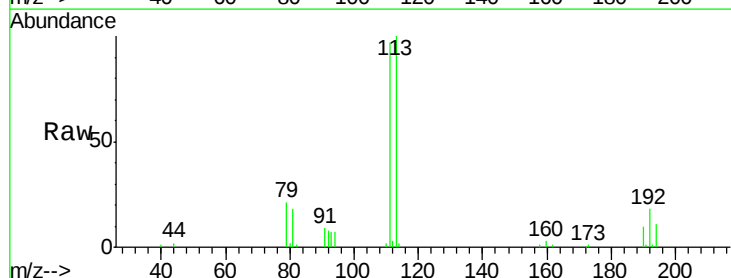


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

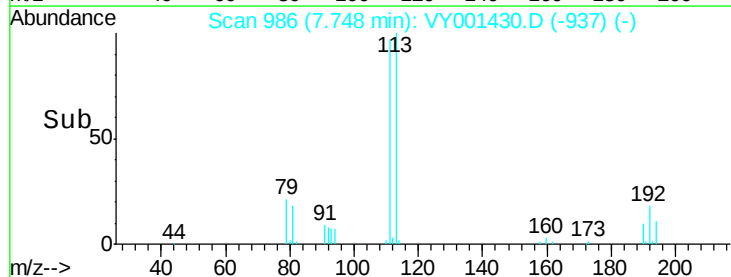
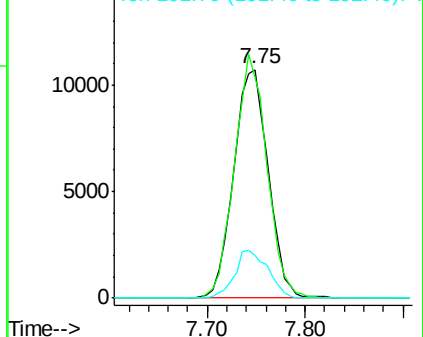


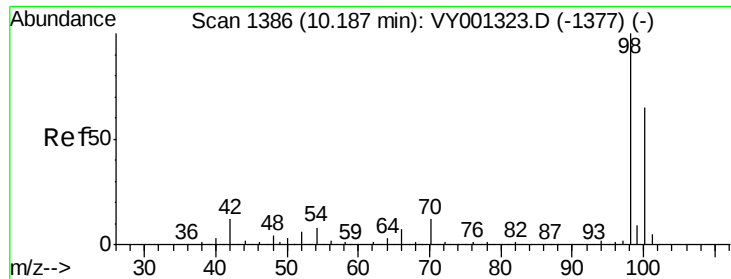
#35
Dibromofluoromethane
Concen: 48.394 ug/l
RT: 7.75 min Scan# 986
Delta R.T. -0.00 min
Lab File: VY001430.D
Acq: 30 Jan 2020 15:15

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.1	82.8	124.2
192	19.9	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: 50.258 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001430.D

Acq: 30 Jan 2020 15:15

Instrument :

MSVOA_Y

ClientSampleId :

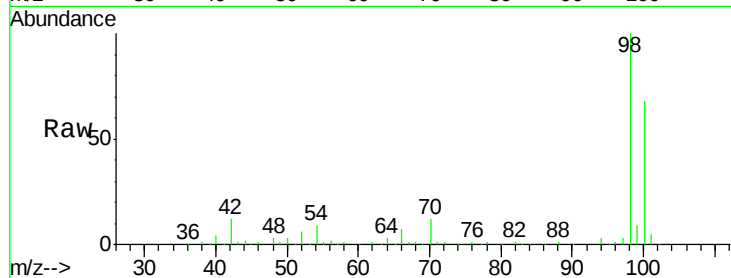
RAINEY-PARK-BH-06-C

Tot Ion: 98 Resp: 106274

Ion Ratio Lower Upper

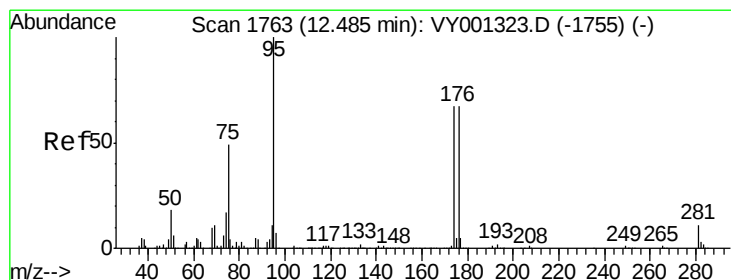
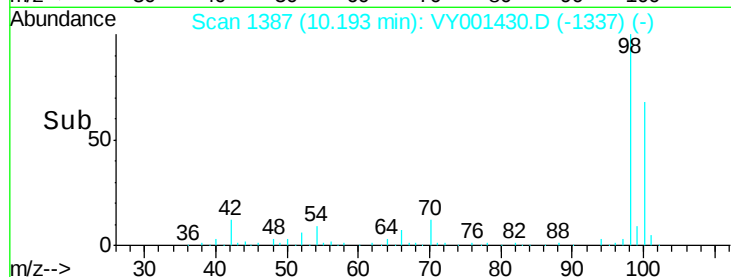
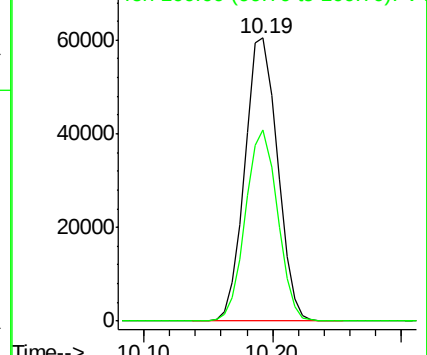
98 100

100 66.1 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: 44.318 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001430.D

Acq: 30 Jan 2020 15:15

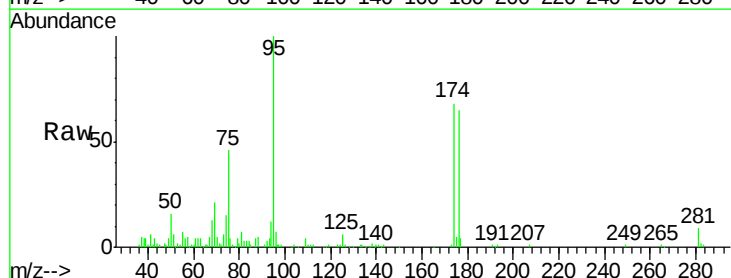
Tgt Ion: 95 Resp: 37320

Ion Ratio Lower Upper

95 100

174 68.8 0.0 142.0

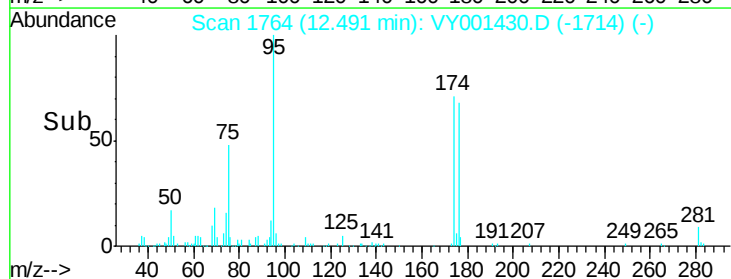
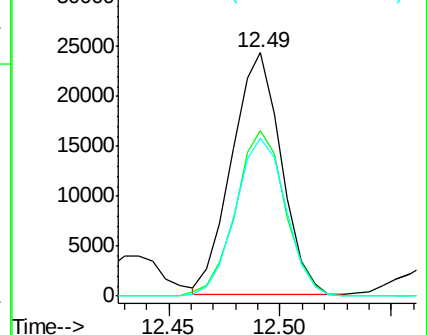
176 67.0 0.0 138.6

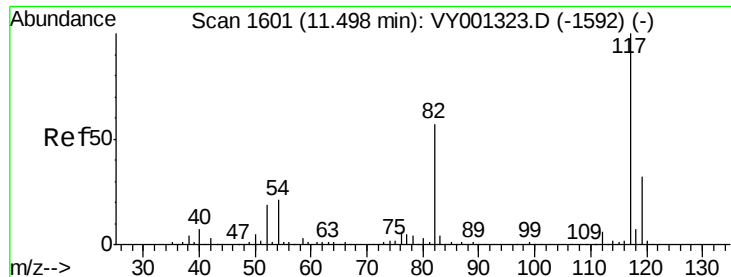


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

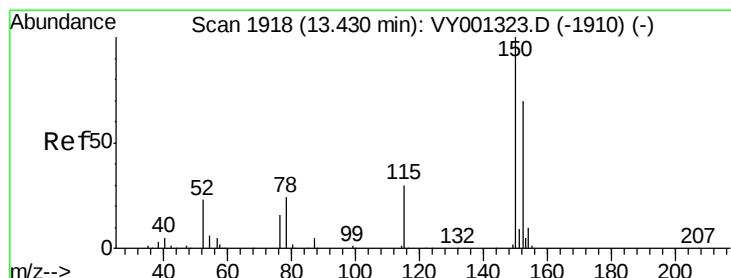
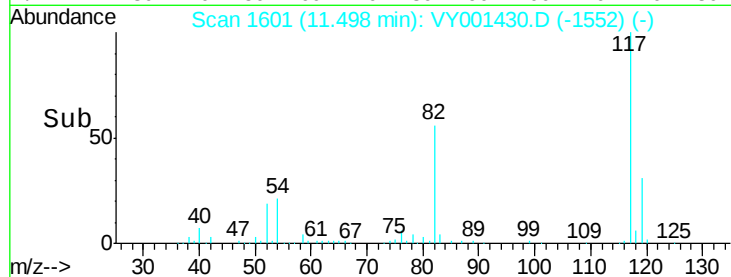
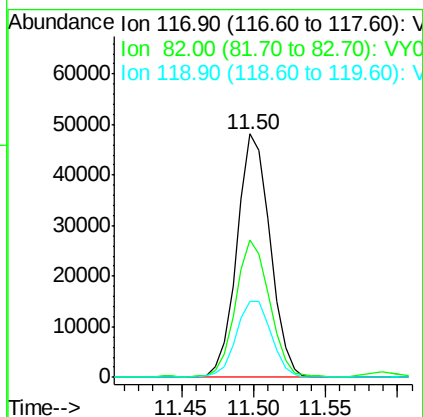
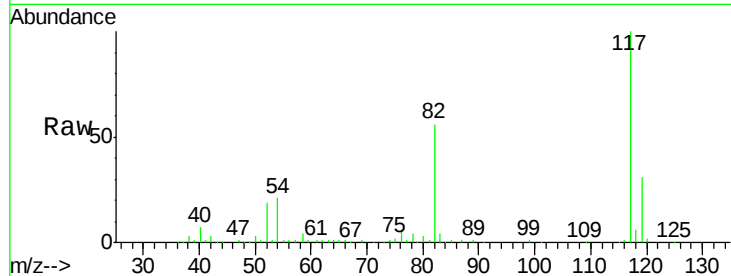




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001430.D
Acq: 30 Jan 2020 15:15

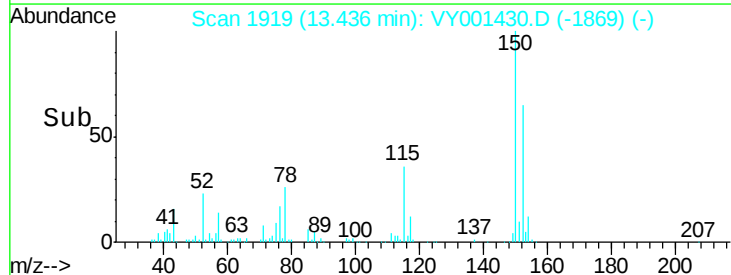
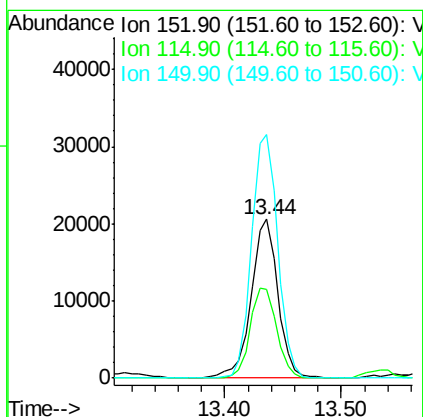
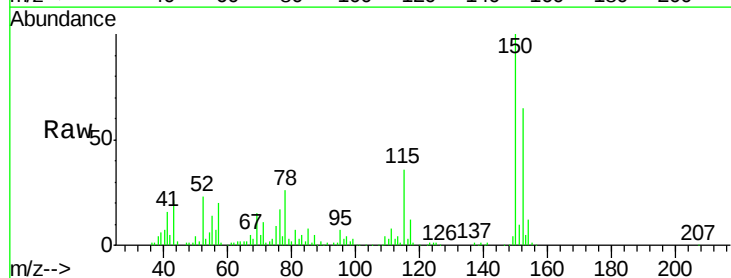
Instrument :
MSVOA_Y
ClientSampleId :
RAINEY-PARK-BH-06-C

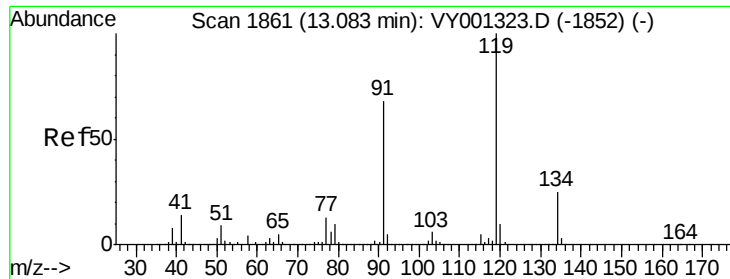
Tot Ion:117 Resp: 77033
Ion Ratio Lower Upper
117 100
82 56.3 45.5 68.3
119 31.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001430.D
Acq: 30 Jan 2020 15:15

Tgt Ion:152 Resp: 33183
Ion Ratio Lower Upper
152 100
115 56.0 30.9 92.8
150 149.4 0.0 349.2

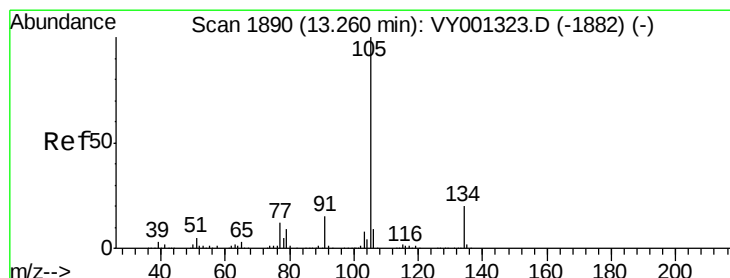
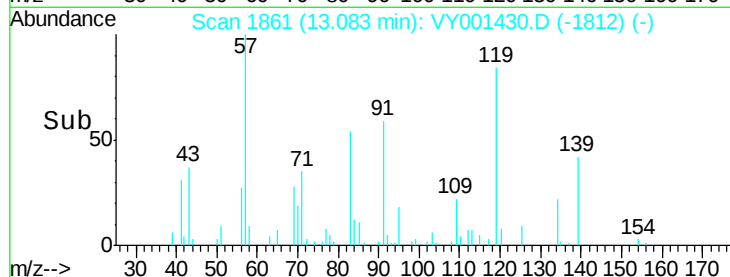
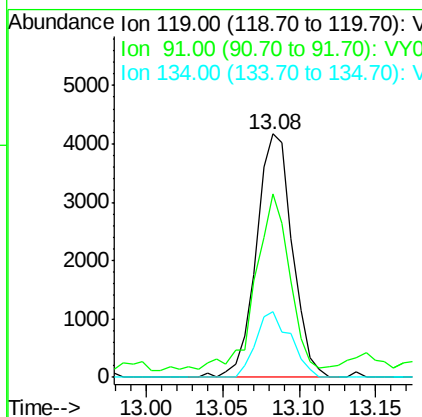
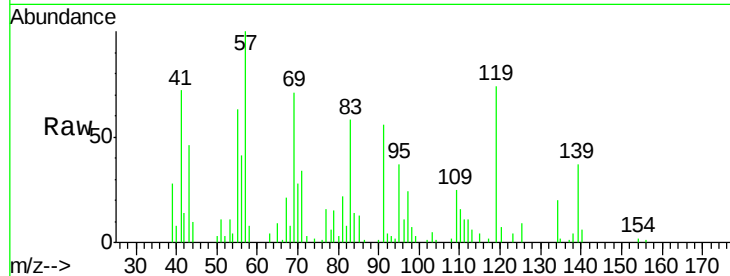




#83
tert-Butylbenzene
Concen: 3.700 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VY001430.D
Acq: 30 Jan 2020 15:15

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

Tot Ion:119 Resp: 6817
Ion Ratio Lower Upper
119 100
91 69.7 33.0 99.0
134 26.1 13.3 39.9



#85
sec-Butylbenzene
Concen: 13.716 ug/l
RT: 13.26 min Scan# 1890
Delta R.T. -0.00 min
Lab File: VY001430.D
Acq: 30 Jan 2020 15:15

Tgt Ion:105 Resp: 35903
Ion Ratio Lower Upper
105 100
134 27.8 9.8 29.4

