

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101718\
 Data File : VW006135.D
 Acq On : 17 Oct 2018 19:02
 Operator : VA/AP
 Sample : J5539-07RE
 Misc : 9.97G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10-5-7FTRE

Quant Time: Oct 19 11:02:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

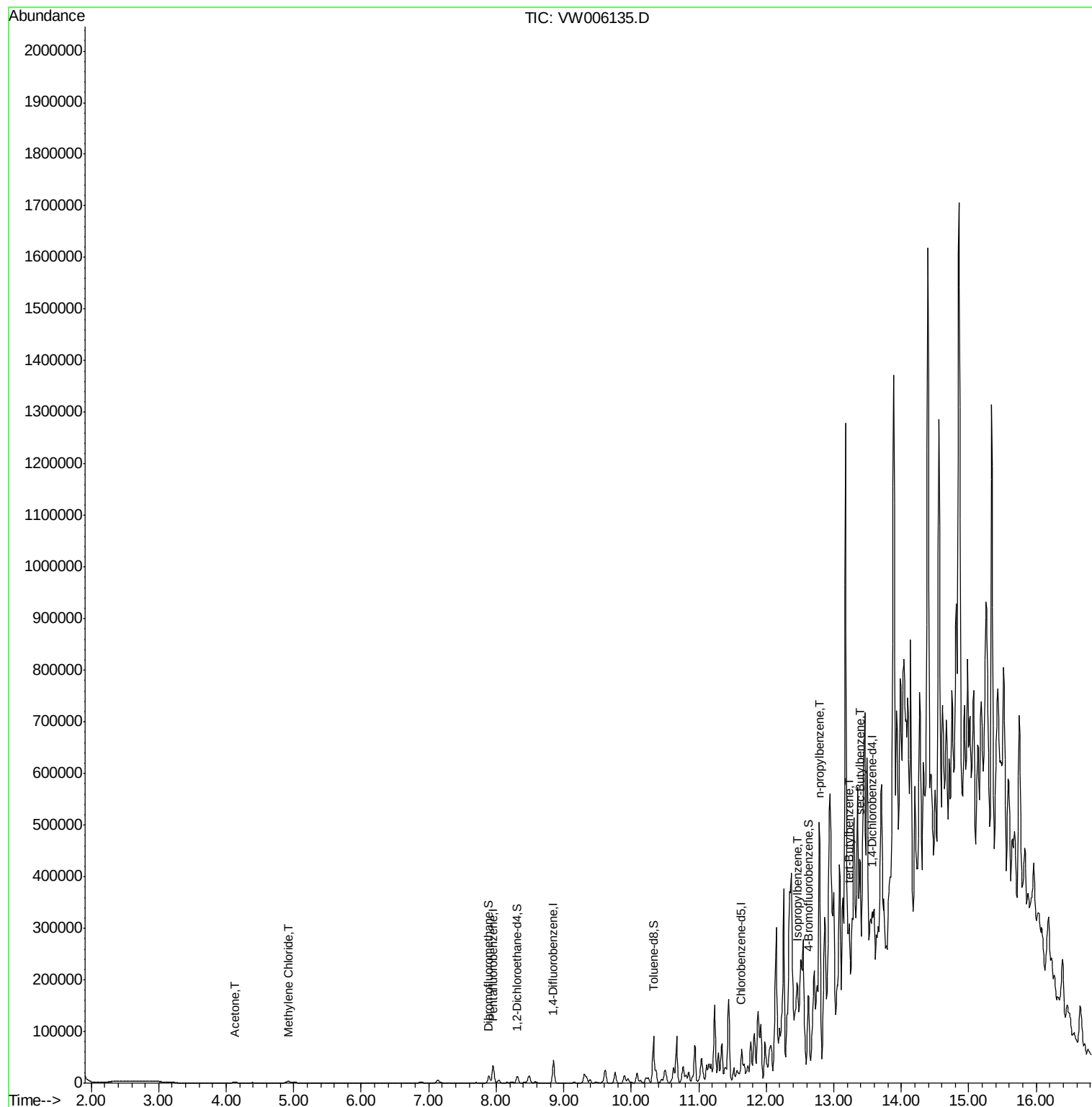
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	27668	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	37885	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	32175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	20076	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	10511	45.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.64%	
35) Dibromofluoromethane	7.88	113	9662	43.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.32%	
50) Toluene-d8	10.33	98	38592	45.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.62%	
62) 4-Bromofluorobenzene	12.62	95	20990	65.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.24%	
Target Compounds						
16) Acetone	4.12	43	2922	56.438	ug/l #	81
20) Methylene Chloride	4.93	84	1903	6.422	ug/l	92
73) Isopropylbenzene	12.47	105	1864	1.314	ug/l	90
78) n-propylbenzene	12.80	91	4543	2.753	ug/l	78
83) tert-Butylbenzene	13.21	119	3440	3.216	ug/l	82
85) sec-Butylbenzene	13.39	105	40073	26.516	ug/l #	68

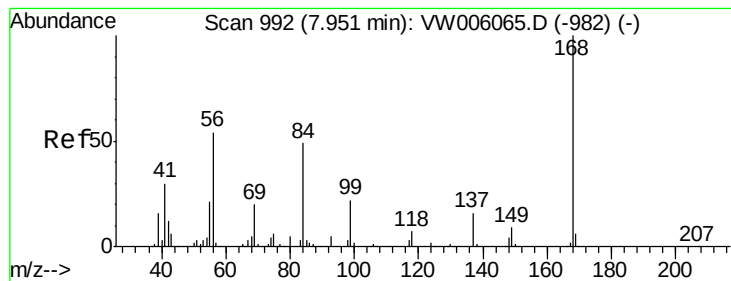
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_W
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SB-10-5-7FTRE

Quant Time: Oct 19 11:02:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006135.D

Acq: 17 Oct 2018 19:02

Instrument :

MSVOA_W

ClientSampleId :

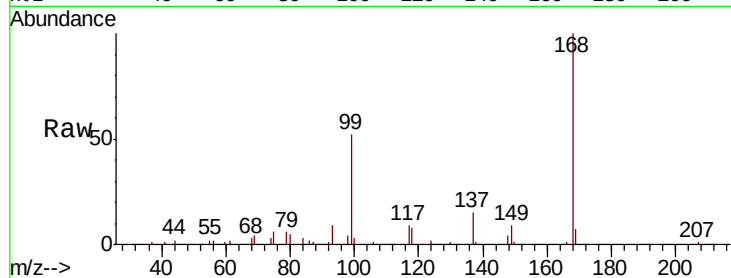
SB-10-5-7FTRE

Tot Ion:168 Resp: 27668

Ion Ratio Lower Upper

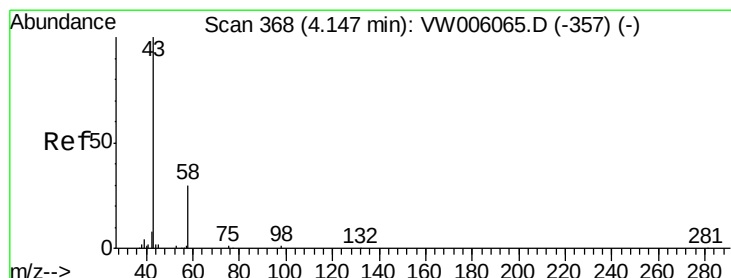
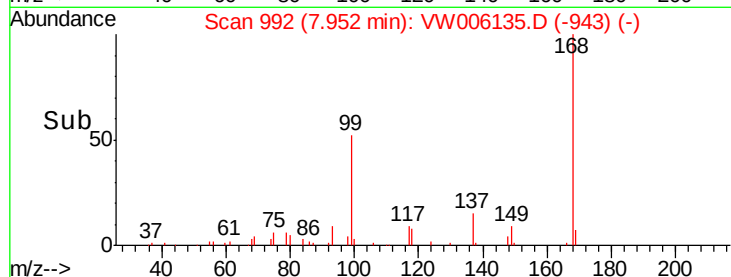
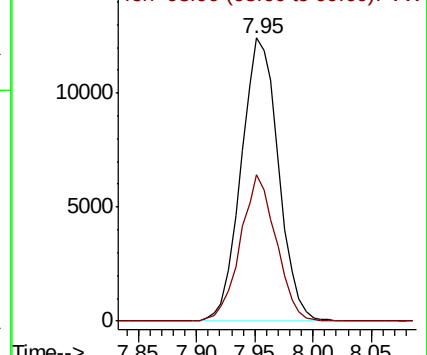
168 100

99 51.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 56.438 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW006135.D

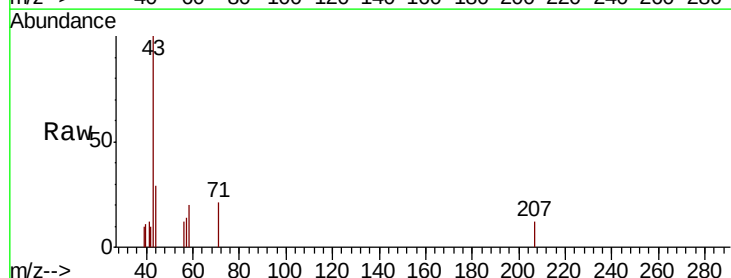
Acq: 17 Oct 2018 19:02

Tgt Ion: 43 Resp: 2922

Ion Ratio Lower Upper

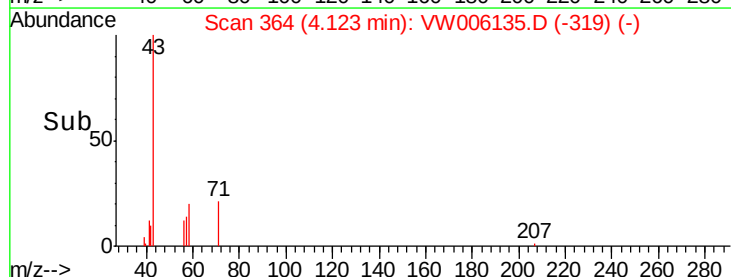
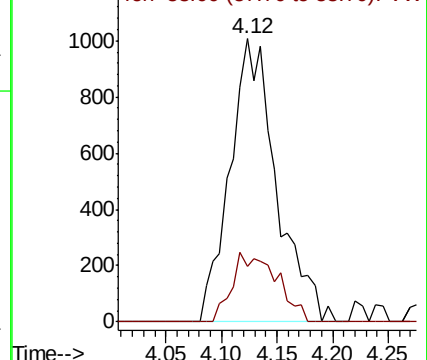
43 100

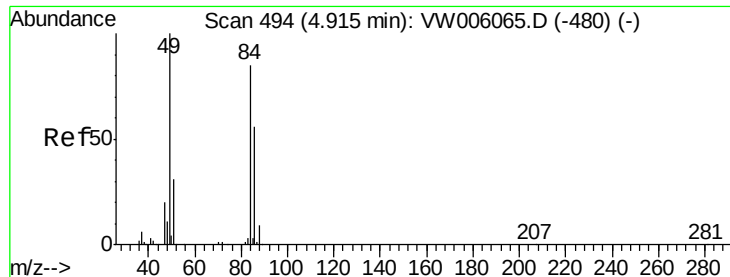
58 19.6 24.0 36.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

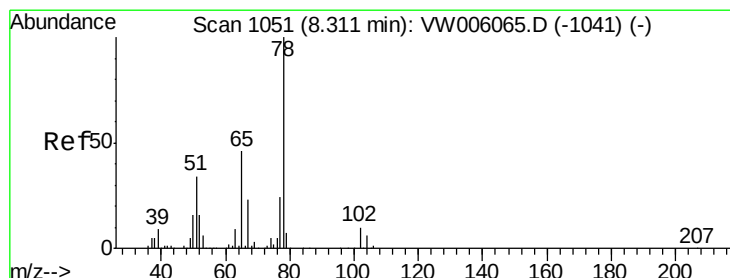
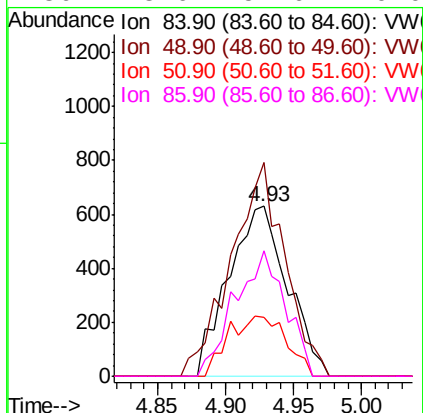
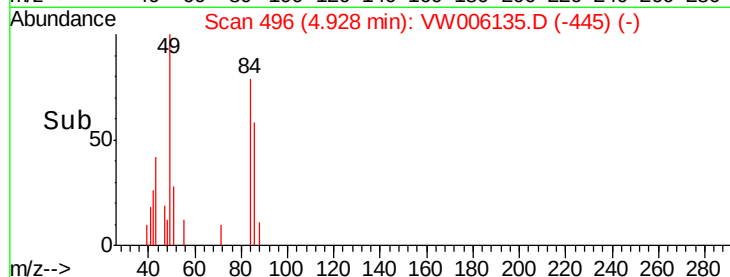
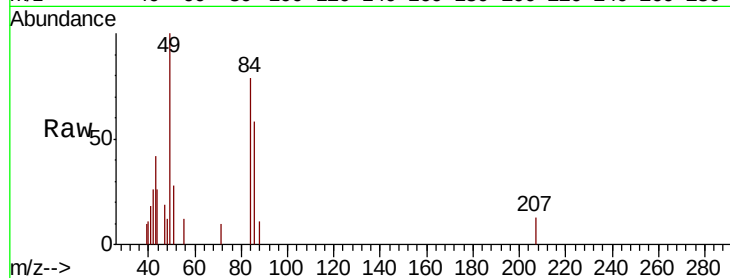




#20
Methylene Chloride
Concen: 6.422 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW006135.D
Acq: 17 Oct 2018 19:02

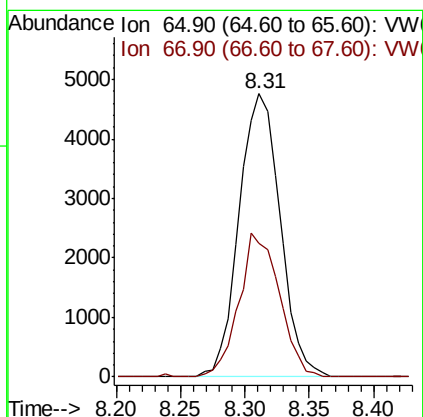
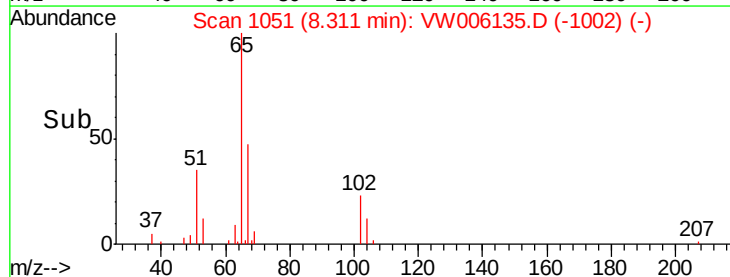
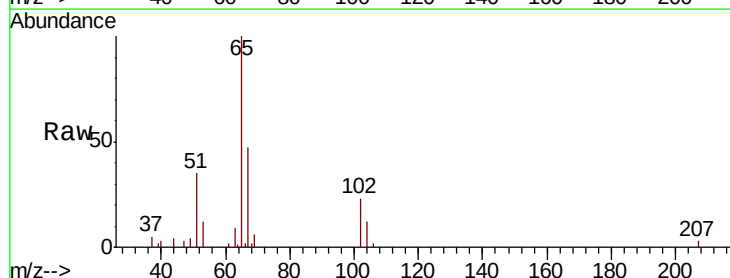
Instrument :
MSVOA_W
ClientSampleId :
SB-10-5-7FTRE

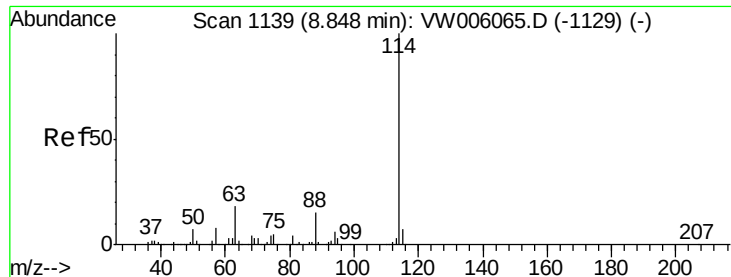
Tot Ion: 84 Resp: 1903
Ion Ratio Lower Upper
84 100
49 125.9 93.6 140.4
51 34.7 29.0 43.4
86 73.6 52.6 79.0



#33
1,2-Dichloroethane-d4
Concen: 45.823 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006135.D
Acq: 17 Oct 2018 19:02

Tgt Ion: 65 Resp: 10511
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006135.D

Acq: 17 Oct 2018 19:02

Instrument :

MSVOA_W

ClientSampleId :

SB-10-5-7FTRE

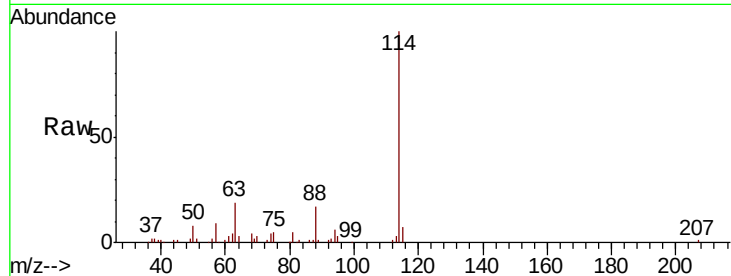
Tot Ion:114 Resp: 37885

Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.8

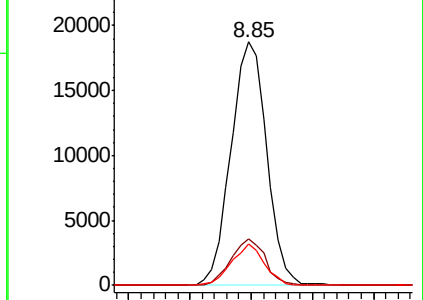
88 17.0 0.0 29.0



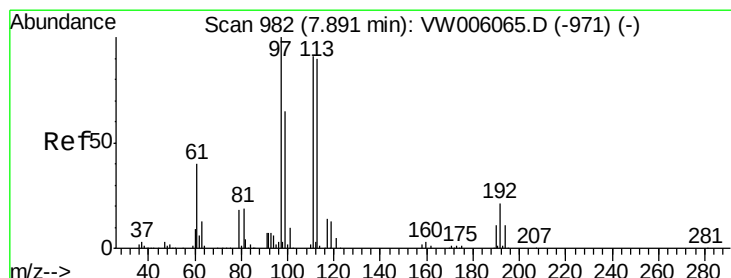
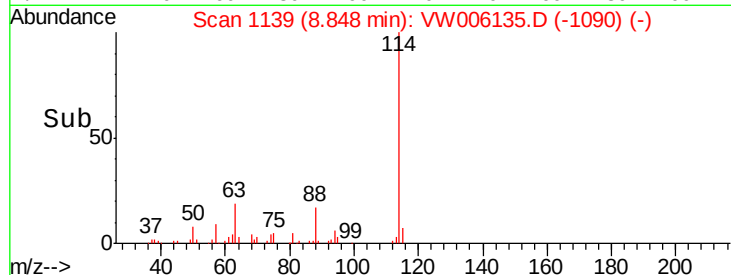
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



Time--> 8.75 8.80 8.85 8.90 8.95



#35

Dibromofluoromethane

Concen: 43.161 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006135.D

Acq: 17 Oct 2018 19:02

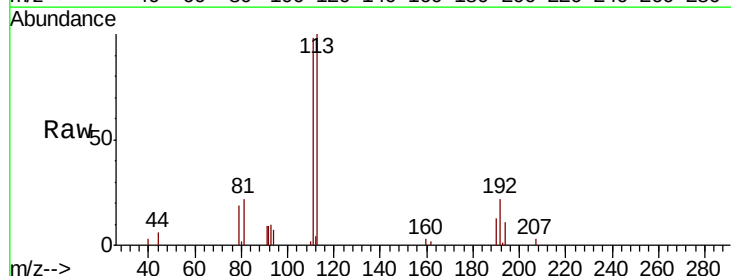
Tgt Ion:113 Resp: 9662

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

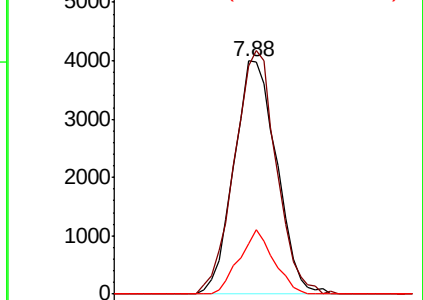
192 22.4 18.7 28.1



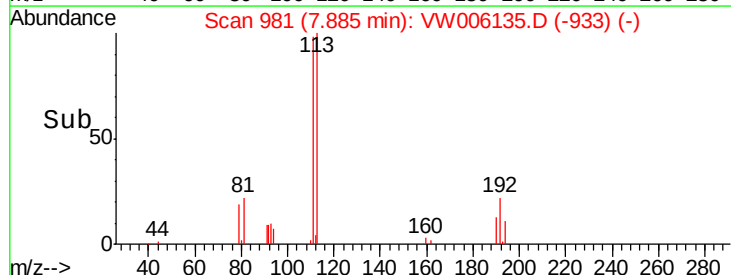
Abundance Ion 112.80 (112.50 to 113.50): V

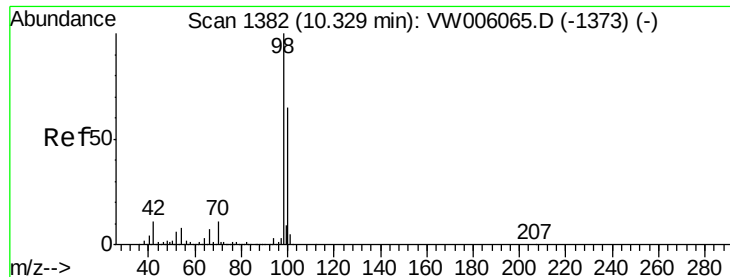
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time--> 7.80 7.85 7.90 7.95 8.00





#50

Toluene-d8

Concen: 45.313 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006135.D

Acq: 17 Oct 2018 19:02

Instrument :

MSVOA_W

ClientSampleId :

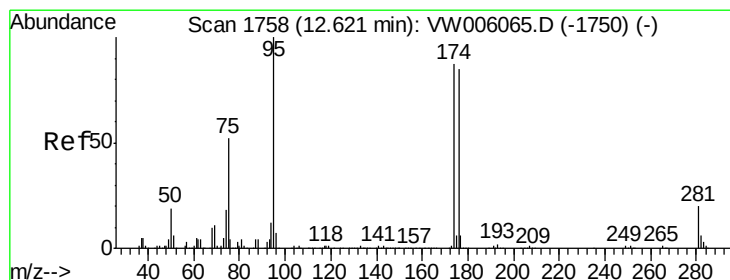
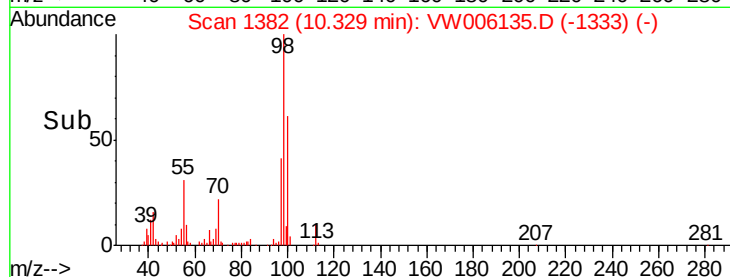
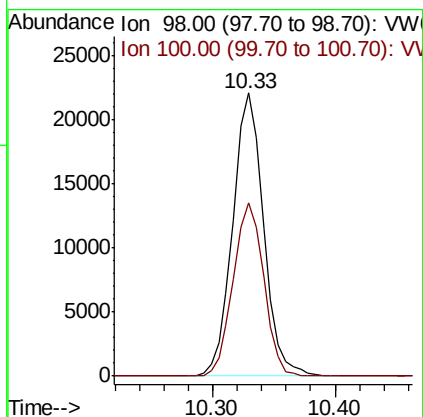
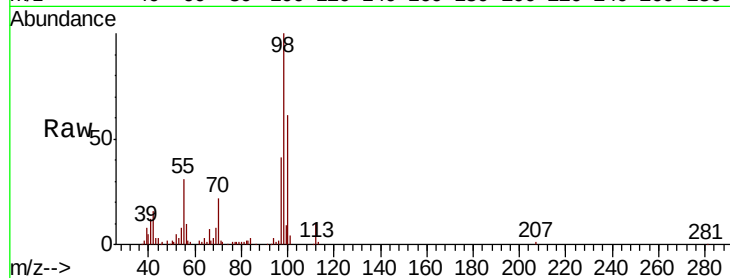
SB-10-5-7FTRE

Tot Ion: 98 Resp: 38592

Ion Ratio Lower Upper

98 100

100 60.7 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 65.618 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006135.D

Acq: 17 Oct 2018 19:02

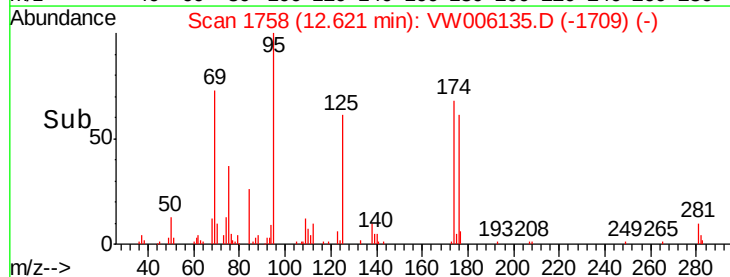
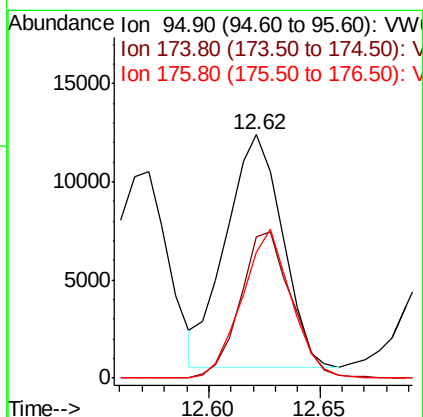
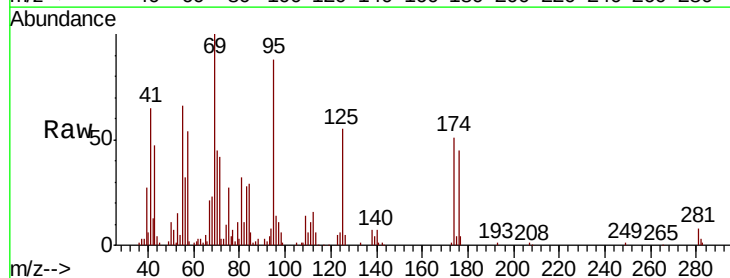
Tgt Ion: 95 Resp: 20990

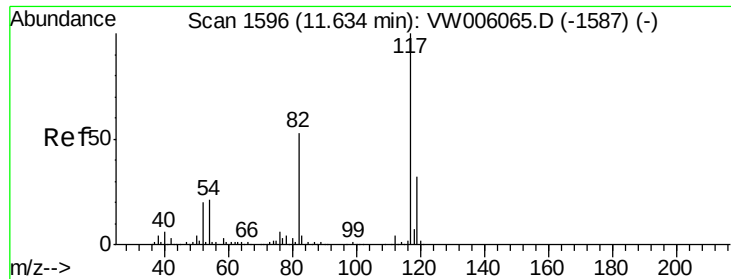
Ion Ratio Lower Upper

95 100

174 57.2 0.0 186.0

176 55.7 0.0 181.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. 0.01 min

Lab File: VW006135.D

Acq: 17 Oct 2018 19:02

Instrument :

MSVOA_W

ClientSampleId :

SB-10-5-7FTRE

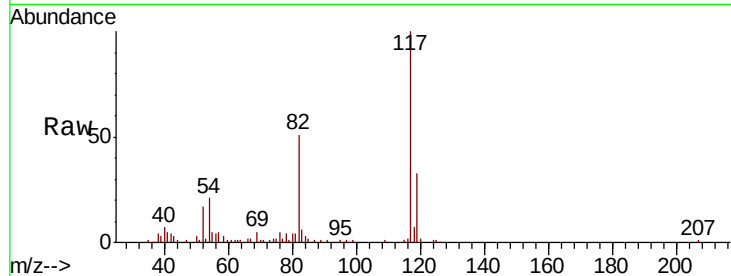
Tot Ion:117 Resp: 32175

Ion Ratio Lower Upper

117 100

82 39.8 42.1 63.1#

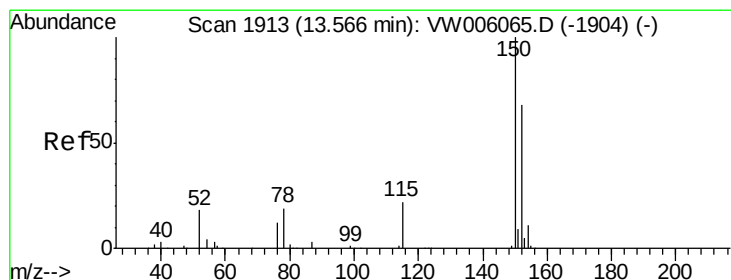
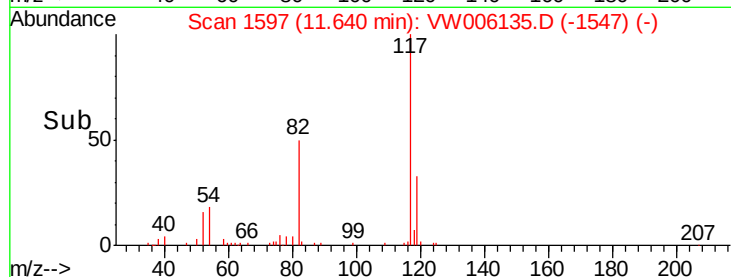
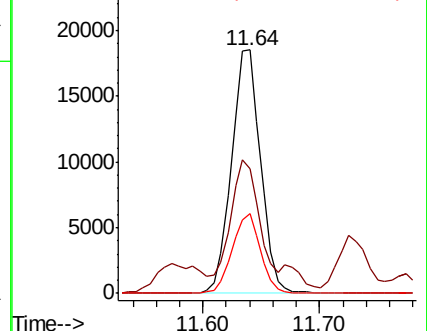
119 32.7 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006135.D

Acq: 17 Oct 2018 19:02

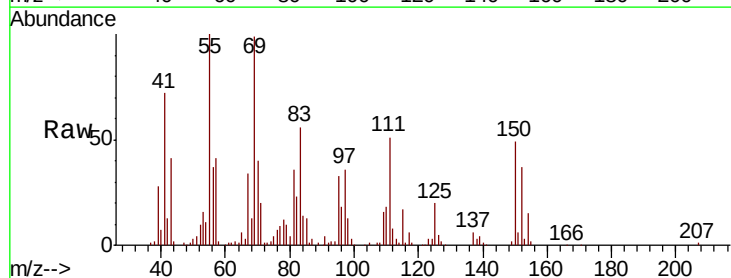
Tgt Ion:152 Resp: 20076

Ion Ratio Lower Upper

152 100

115 40.0 27.8 83.3

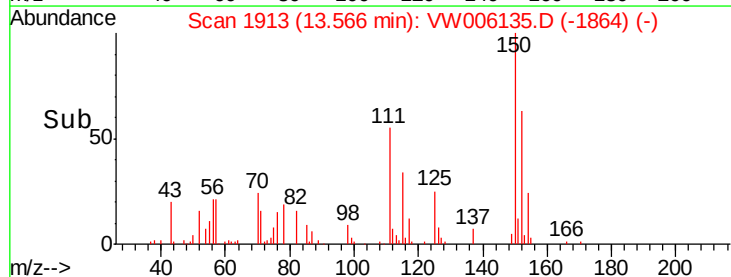
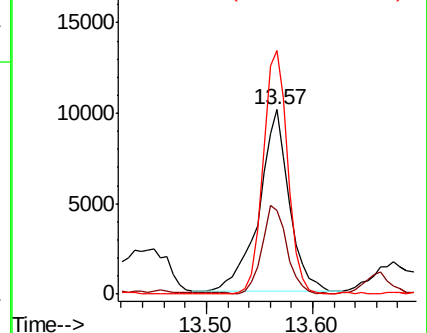
150 108.0 0.0 349.2

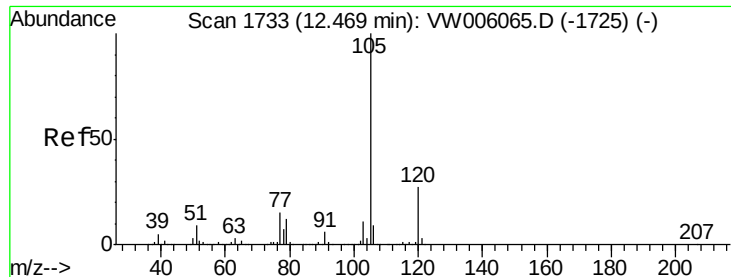


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.314 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006135.D

Acq: 17 Oct 2018 19:02

Instrument :

MSVOA_W

ClientSampled :

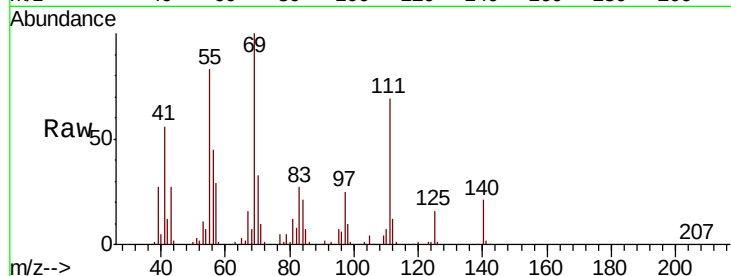
SB-10-5-7FTRE

Tot Ion:105 Resp: 1864

Ion Ratio Lower Upper

105 100

120 21.8 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

12.47

12.47

12.47

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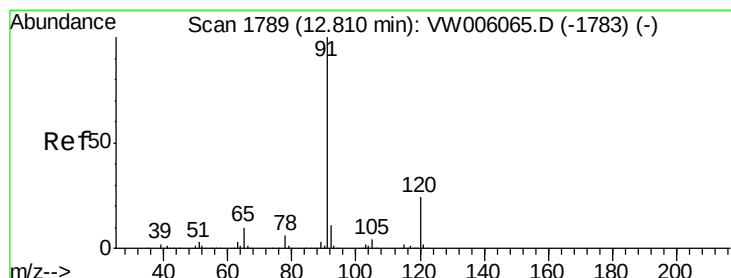
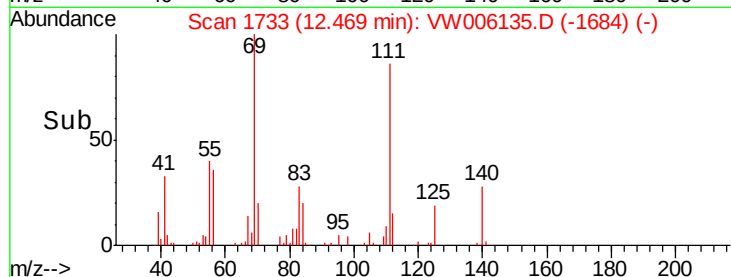
12.47

12.47

12.47

12.47

12.47



#78

n-propylbenzene

Concen: 2.753 ug/l

RT: 12.80 min Scan# 1787

Delta R.T. -0.01 min

Lab File: VW006135.D

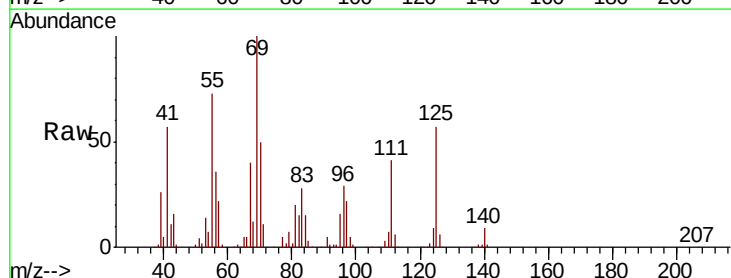
Acq: 17 Oct 2018 19:02

Tgt Ion: 91 Resp: 4543

Ion Ratio Lower Upper

91 100

120 13.7 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

12.80

12.80

12.80

12.80

12.80

12.80

12.80

12.80

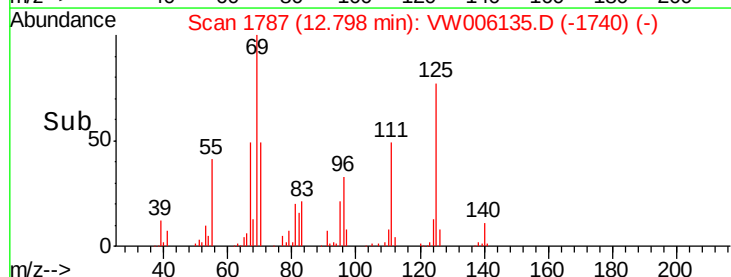
12.80

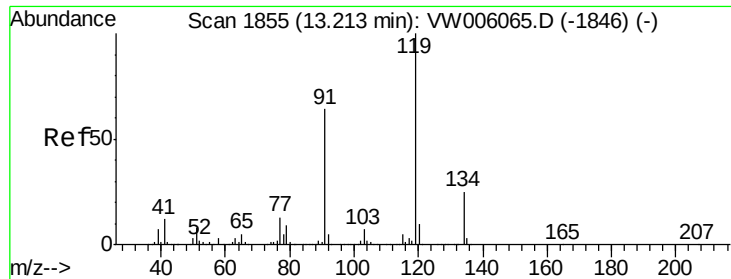
12.80

12.80

12.80

12.80

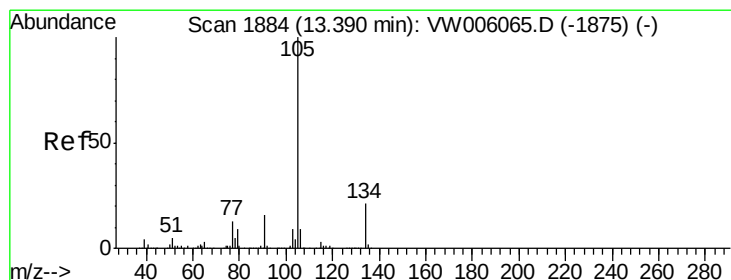
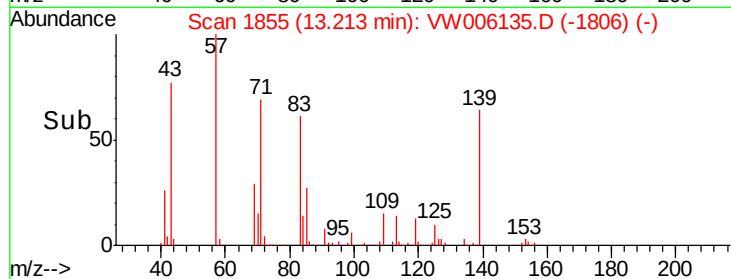
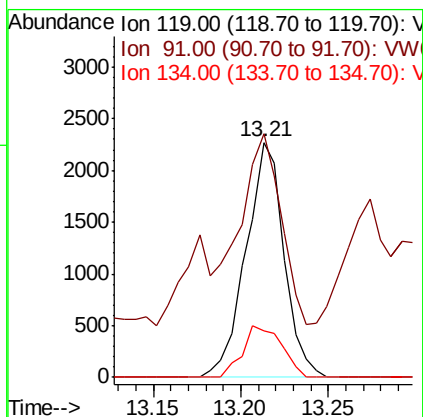
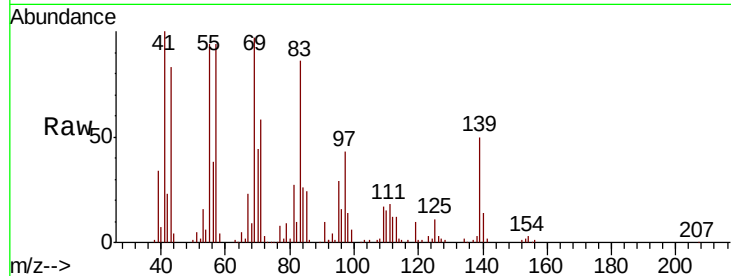




#83
tert-Butylbenzene
Concen: 3.216 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006135.D
Acq: 17 Oct 2018 19:02

Instrument :
MSVOA_W
ClientSampleId :
SB-10-5-7FTRE

Tot Ion:119 Resp: 3440
Ion Ratio Lower Upper
119 100
91 81.9 32.3 96.9
134 22.3 13.6 40.8



#85
sec-Butylbenzene
Concen: 26.516 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VW006135.D
Acq: 17 Oct 2018 19:02

Tgt Ion:105 Resp: 40073
Ion Ratio Lower Upper
105 100
134 36.1 10.5 31.6#

