

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091818\
 Data File : VW005504.D
 Acq On : 19 Sep 2018 04:05
 Operator : SY/AP
 Sample : J4772-01RE
 Misc : 8.53G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HD-02-091718RE

Quant Time: Sep 19 07:05:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

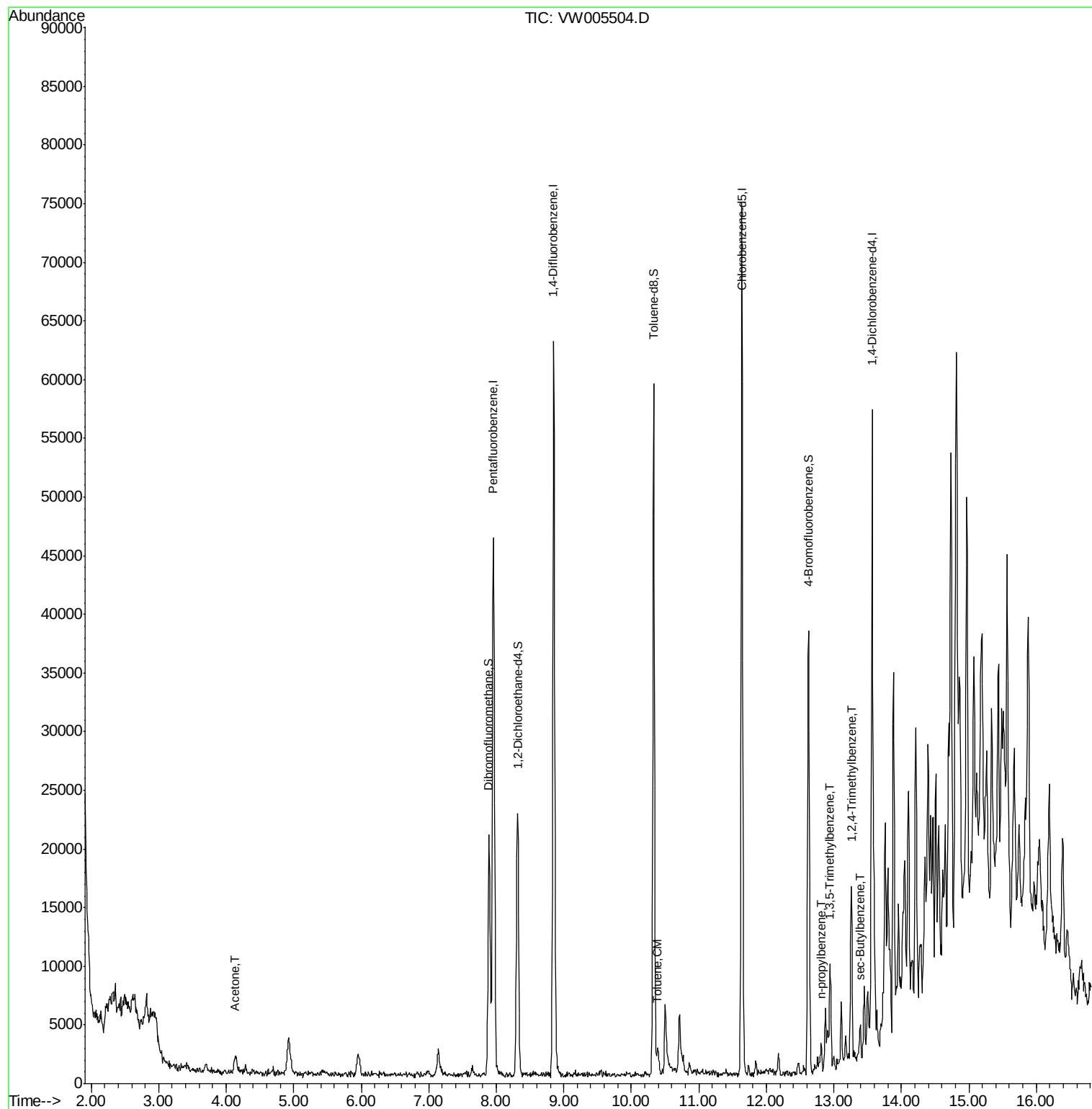
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	33148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	52519	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	40573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	13104	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	18451	53.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.24%	
35) Dibromofluoromethane	7.90	113	14796	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.50%	
50) Toluene-d8	10.33	98	39821	29.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.06%	
62) 4-Bromofluorobenzene	12.63	95	11784	23.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	47.66%	
Target Compounds						
16) Acetone	4.14	43	2664	38.60	ug/l	Qvalue 100
52) Toluene	10.40	92	1006	1.03	ug/l	92
78) n-propylbenzene	12.82	91	2053	1.85	ug/l	89
80) 1,3,5-Trimethylbenzene	12.95	105	2773	3.46	ug/l	91
84) 1,2,4-Trimethylbenzene	13.26	105	7981	9.80	ug/l	95
85) sec-Butylbenzene	13.40	105	1887	1.96	ug/l	95

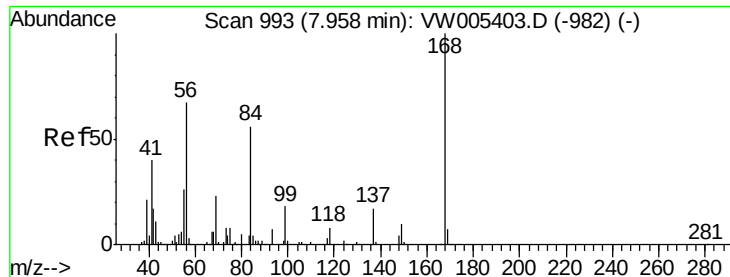
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091818\
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ClientSampleId :
HD-02-091718RE

Quant Time: Sep 19 07:05:23 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 994

Delta R.T. 0.01 min

Lab File: VW005504.D

Acq: 19 Sep 2018 04:05

Instrument :

MSVOA_W

ClientSampleId :

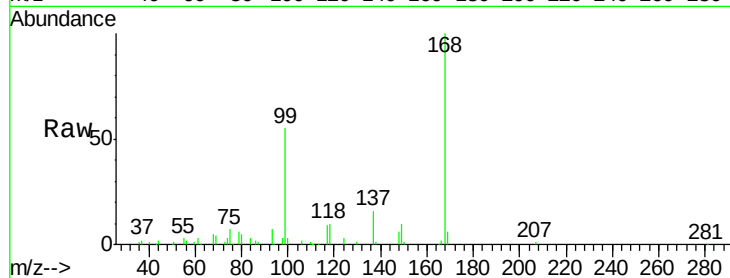
HD-02-091718RE

Tot Ion:168 Resp: 33148

Ion Ratio Lower Upper

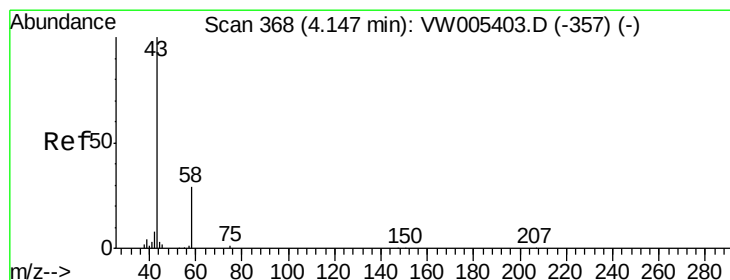
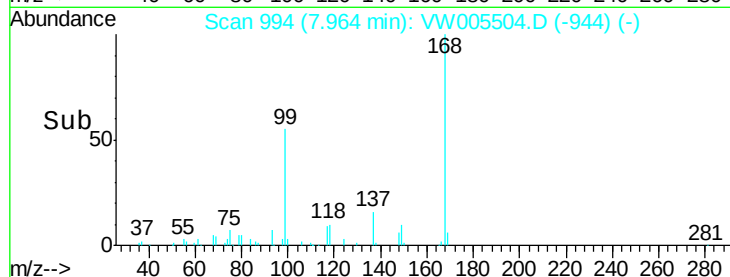
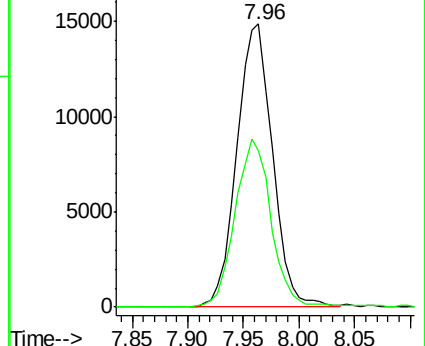
168 100

99 55.1 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 38.60 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW005504.D

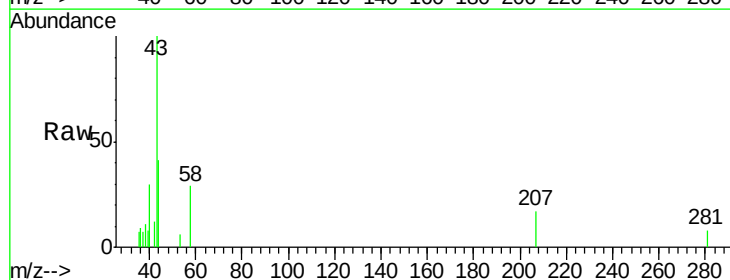
Acq: 19 Sep 2018 04:05

Tgt Ion: 43 Resp: 2664

Ion Ratio Lower Upper

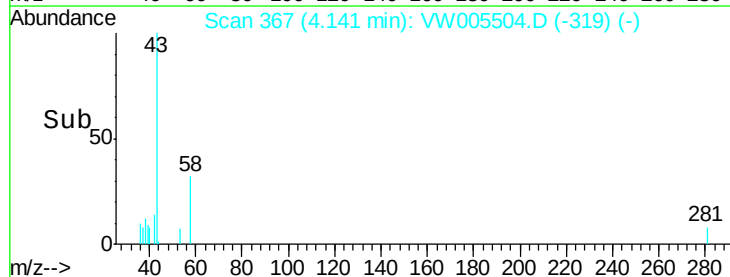
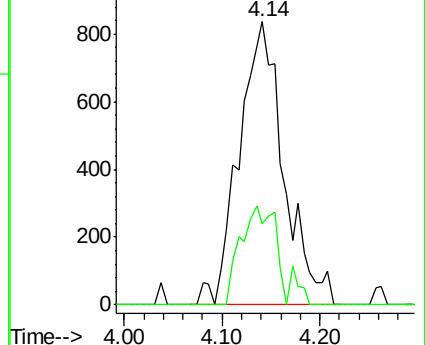
43 100

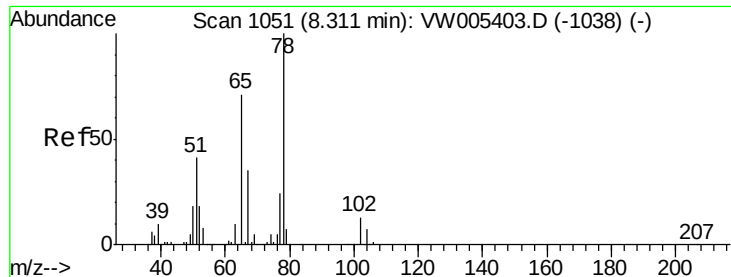
58 28.7 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

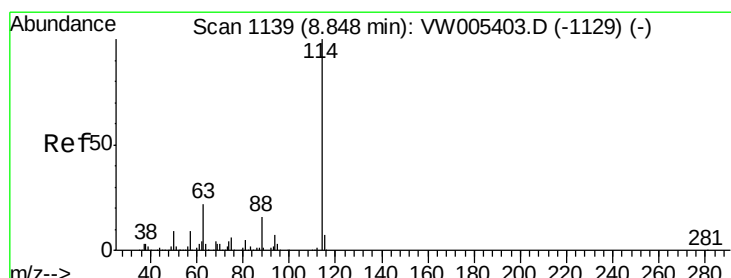
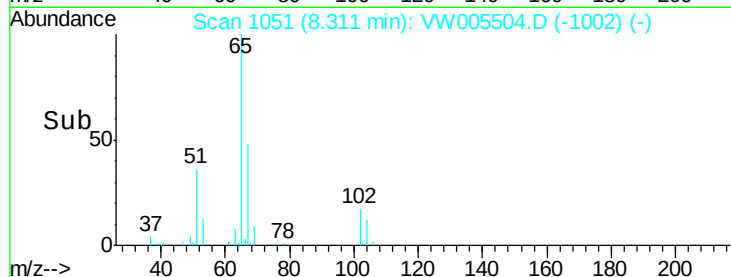
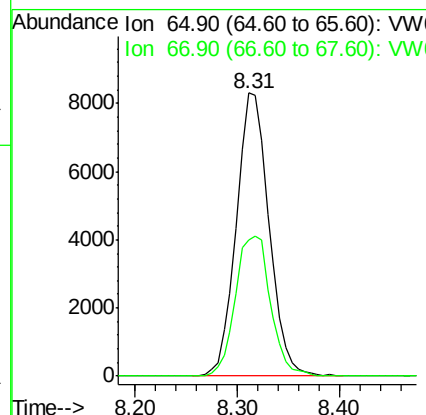
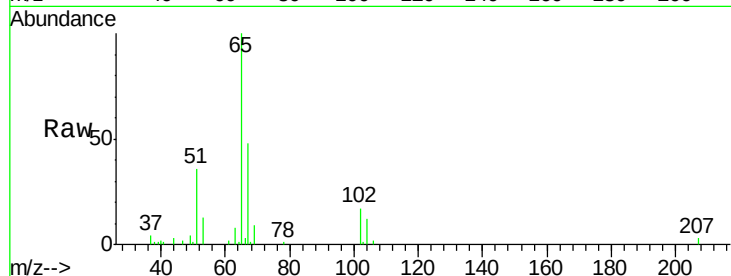




#33
 1,2-Dichloroethane-d4
 Concen: 53.62 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005504.D
 Acq: 19 Sep 2018 04:05

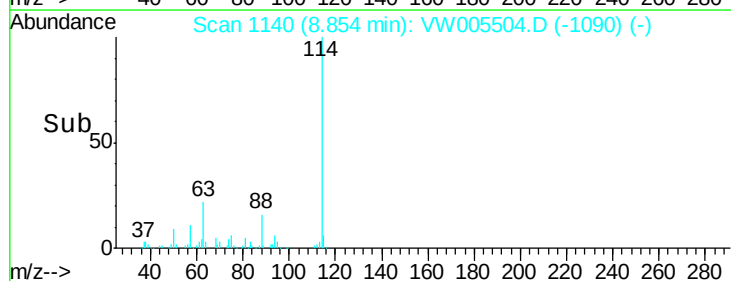
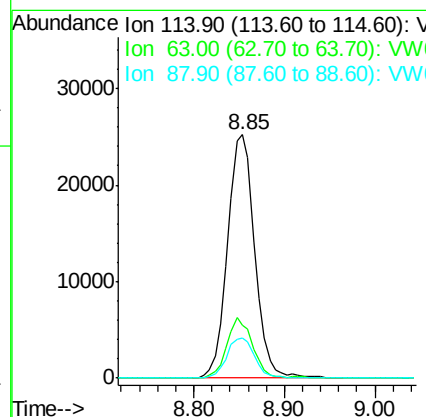
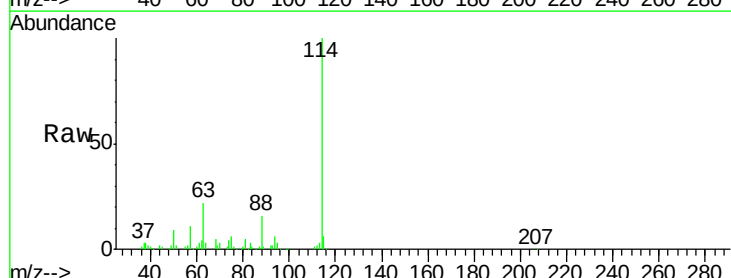
Instrument :
 MSVOA_W
 ClientSampleId :
 HD-02-091718RE

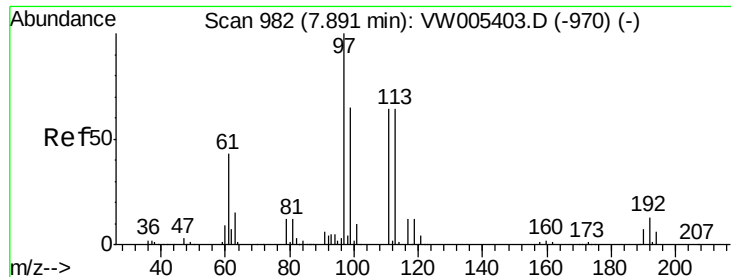
Tot Ion: 65 Resp: 18451
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: VW005504.D
 Acq: 19 Sep 2018 04:05

Tgt Ion: 114 Resp: 52519
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.4
 88 16.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.25 ug/l

RT: 7.90 min Scan# 983

Delta R.T. 0.01 min

Lab File: VW005504.D

Acq: 19 Sep 2018 04:05

Instrument :

MSVOA_W

ClientSampleId :

HD-02-091718RE

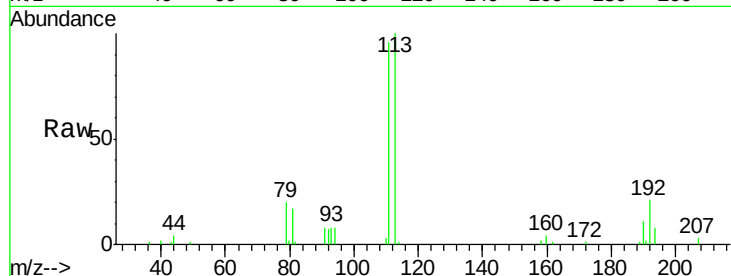
Tot Ion:113 Resp: 14796

Ion Ratio Lower Upper

113 100

111 98.5 82.3 123.5

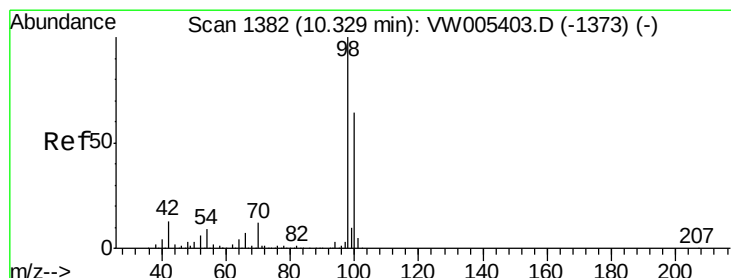
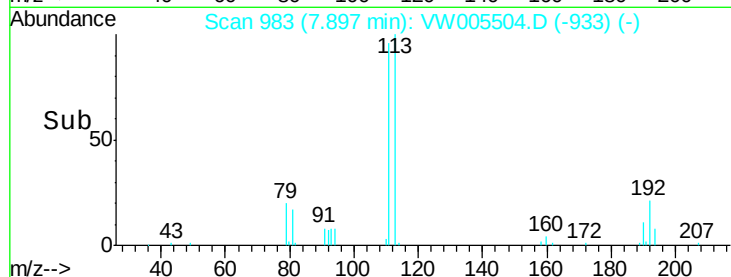
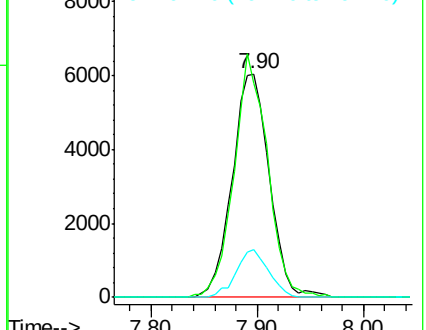
192 18.8 16.5 24.7



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: 29.53 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005504.D

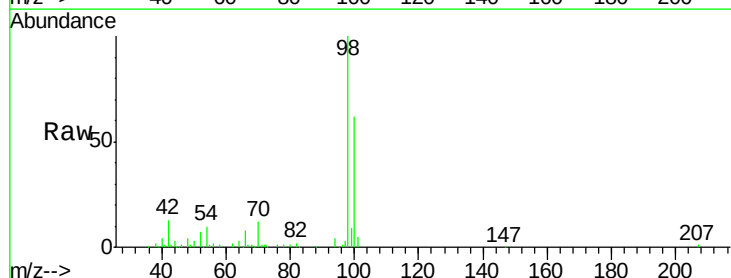
Acq: 19 Sep 2018 04:05

Tgt Ion: 98 Resp: 39821

Ion Ratio Lower Upper

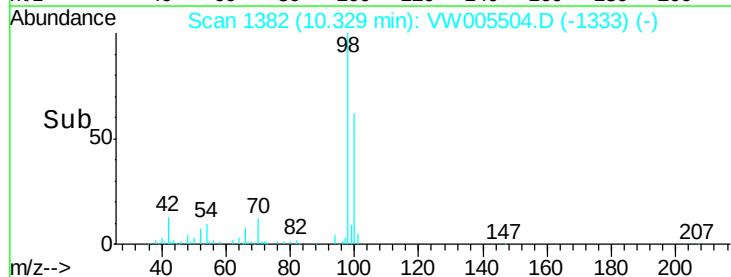
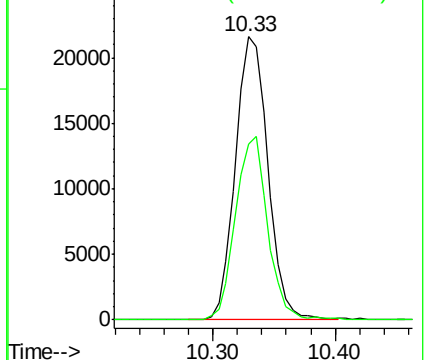
98 100

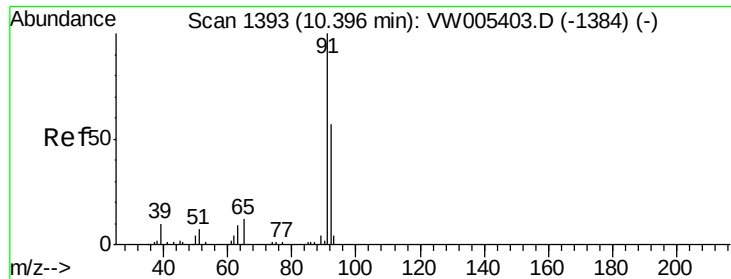
100 63.9 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 1.03 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005504.D

Acq: 19 Sep 2018 04:05

Instrument :

MSVOA_W

ClientSampleId :

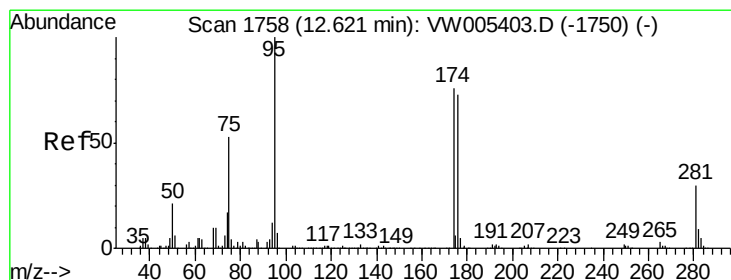
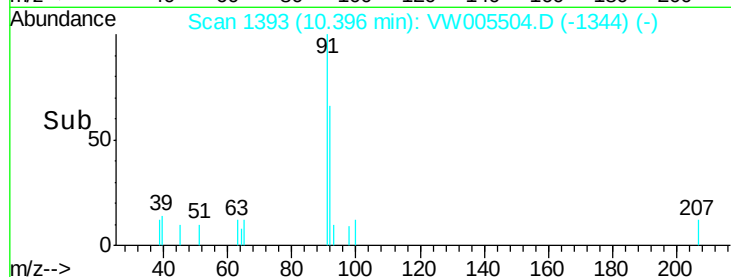
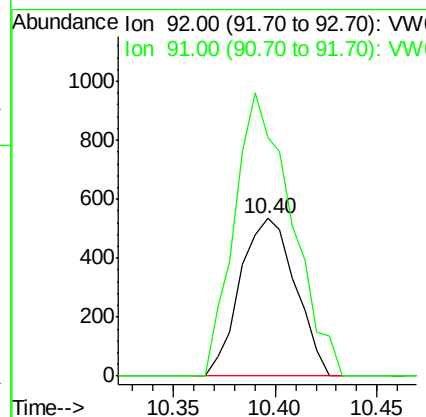
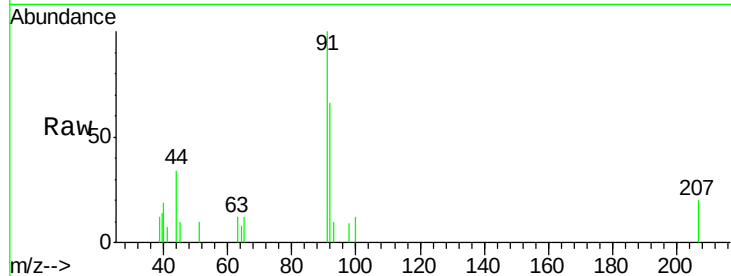
HD-02-091718RE

Tot Ion: 92 Resp: 1006

Ion Ratio Lower Upper

92 100

91 185.6 139.1 208.7



#62

4-Bromofluorobenzene

Concen: 23.83 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005504.D

Acq: 19 Sep 2018 04:05

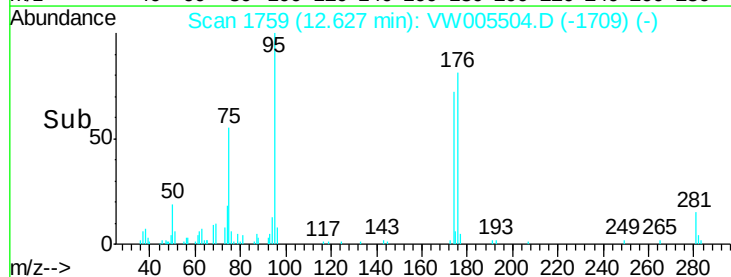
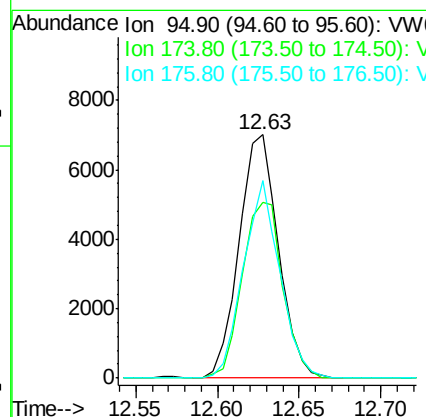
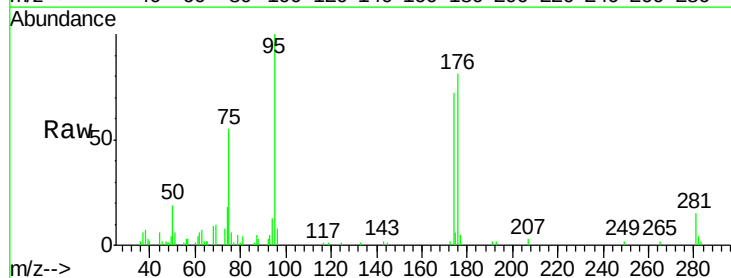
Tgt Ion: 95 Resp: 11784

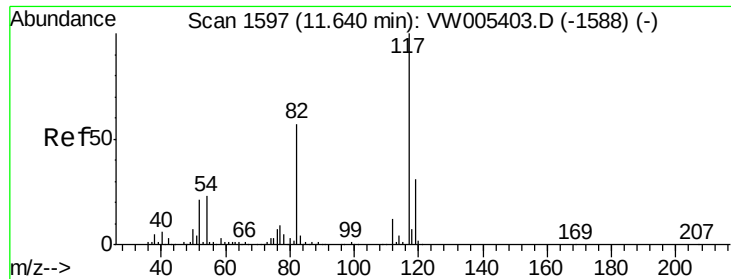
Ion Ratio Lower Upper

95 100

174 74.7 0.0 161.2

176 75.3 0.0 156.6

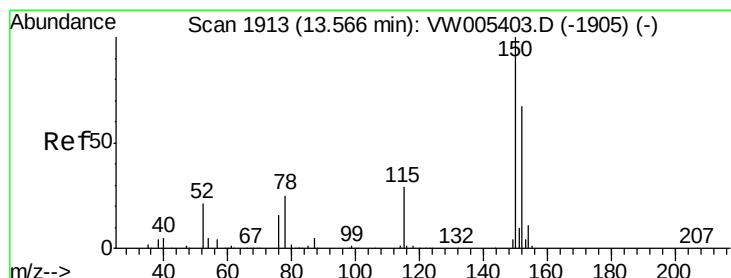
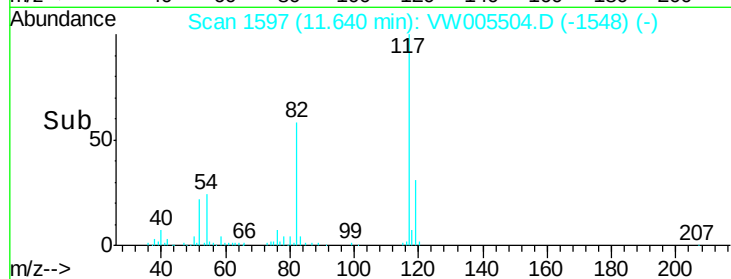
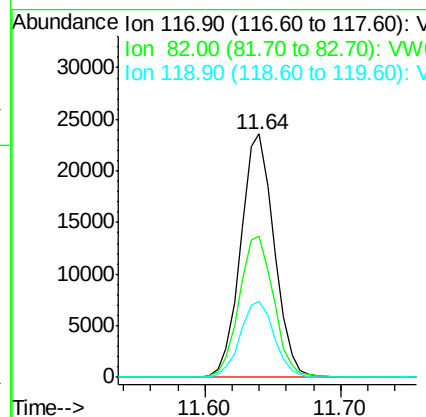
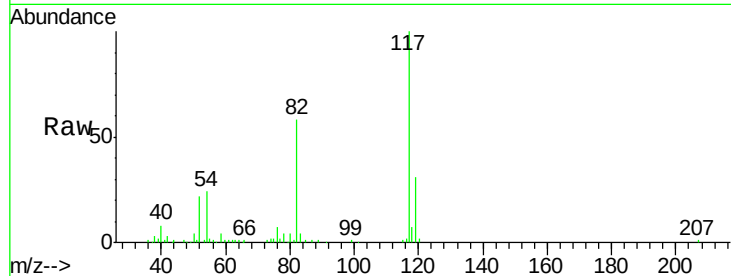




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005504.D
Acq: 19 Sep 2018 04:05

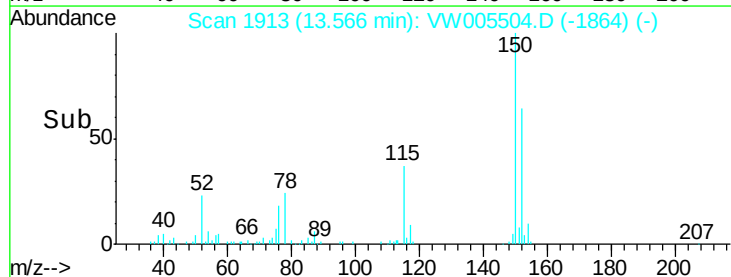
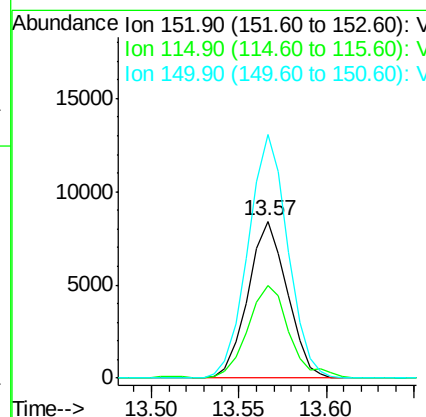
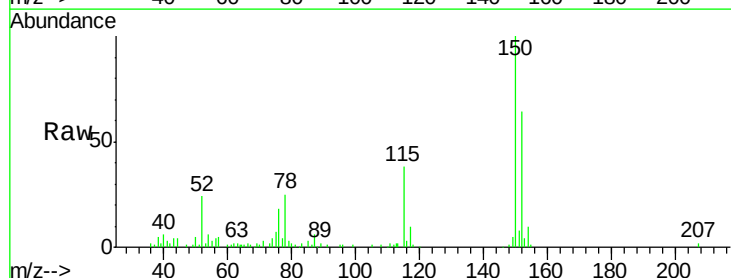
Instrument :
MSVOA_W
ClientSampleId :
HD-02-091718RE

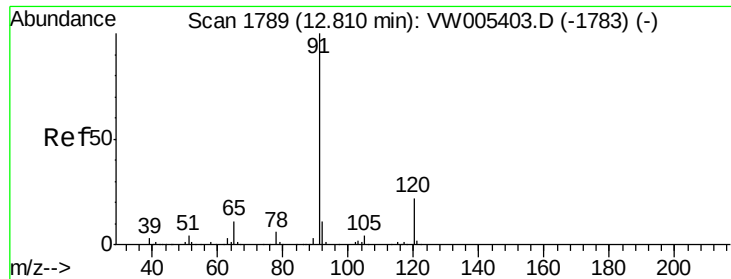
Tot Ion:117 Resp: 40573
Ion Ratio Lower Upper
117 100
82 58.0 45.9 68.9
119 31.1 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005504.D
Acq: 19 Sep 2018 04:05

Tgt Ion:152 Resp: 13104
Ion Ratio Lower Upper
152 100
115 62.3 29.5 88.5
150 157.3 0.0 345.6





#78

n-propylbenzene

Concen: 1.85 ug/l

RT: 12.82 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VW005504.D

Acq: 19 Sep 2018 04:05

Instrument :

MSVOA_W

ClientSampleId :

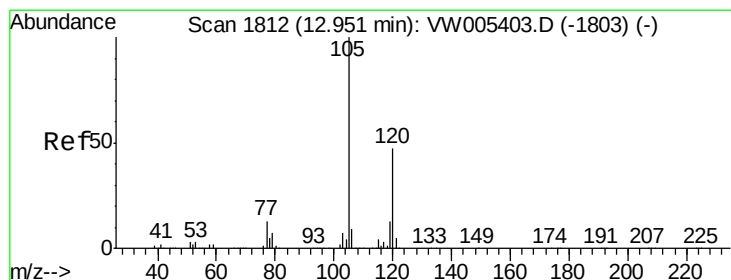
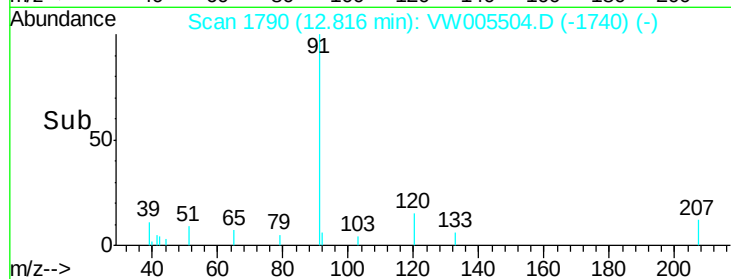
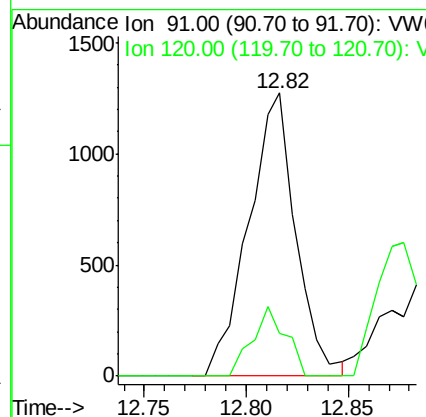
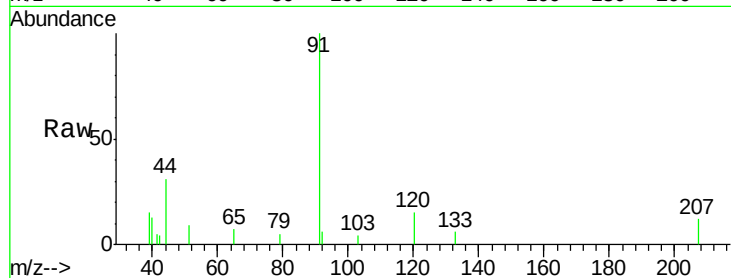
HD-02-091718RE

Tot Ion: 91 Resp: 2053

Ion Ratio Lower Upper

91 100

120 17.2 11.3 33.8



#80

1,3,5-Trimethylbenzene

Concen: 3.46 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005504.D

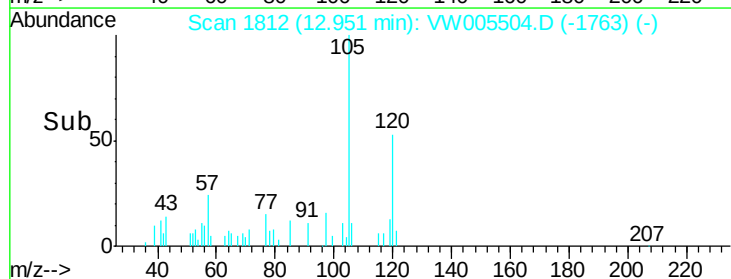
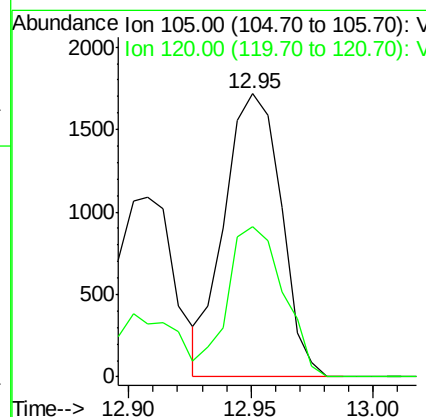
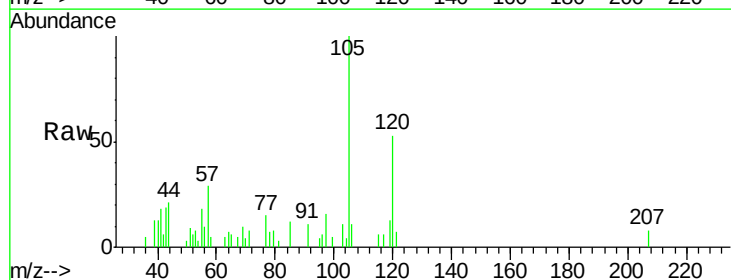
Acq: 19 Sep 2018 04:05

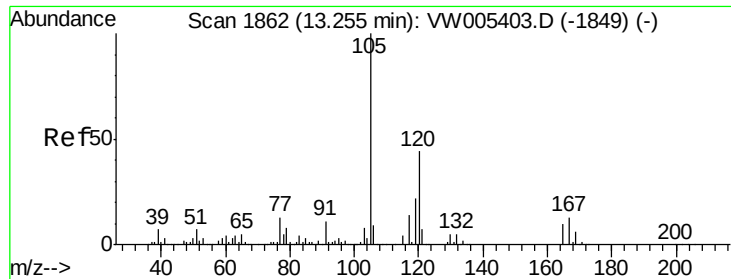
Tgt Ion:105 Resp: 2773

Ion Ratio Lower Upper

105 100

120 52.8 23.5 70.5

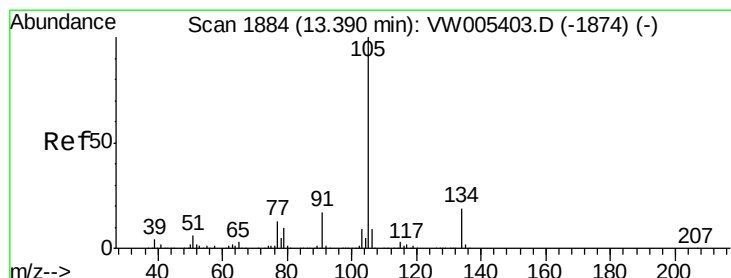
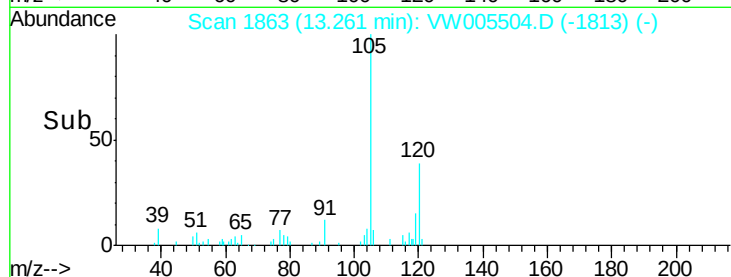
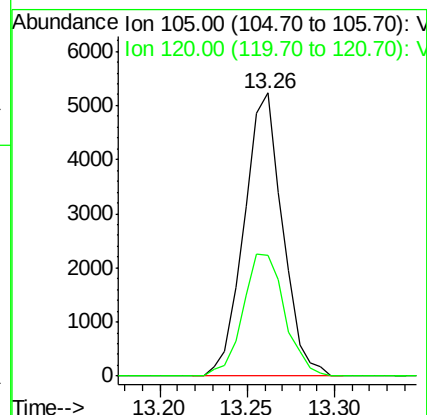
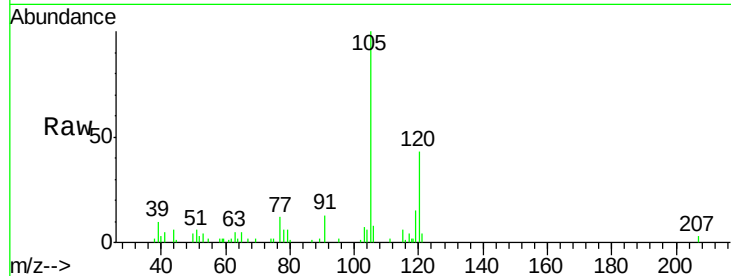




#84
1,2,4-Trimethylbenzene
Concen: 9.80 ug/l
RT: 13.26 min Scan# 1863
Delta R.T. 0.01 min
Lab File: VW005504.D
Acq: 19 Sep 2018 04:05

Instrument :
MSVOA_W
ClientSampleId :
HD-02-091718RE

Tot Ion:105 Resp: 7981
Ion Ratio Lower Upper
105 100
120 46.8 21.8 65.3



#85
sec-Butylbenzene
Concen: 1.96 ug/l
RT: 13.40 min Scan# 1885
Delta R.T. 0.01 min
Lab File: VW005504.D
Acq: 19 Sep 2018 04:05

Tgt Ion:105 Resp: 1887
Ion Ratio Lower Upper
105 100
134 21.8 9.8 29.5

