

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091418\
 Data File : VN051187.D
 Acq On : 14 Sep 2018 13:58
 Operator : MD\SY
 Sample : J4907-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CBH-139(5)

Quant Time: Sep 17 14:48:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 29 01:38:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	101504	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	488755	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	388159	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	189145	29.20	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.33%
60) 4-Bromofluorobenzene	12.40	95	109685	19.00	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	63.33%
63) Toluene-d8	10.09	98	552715	30.53	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.77%

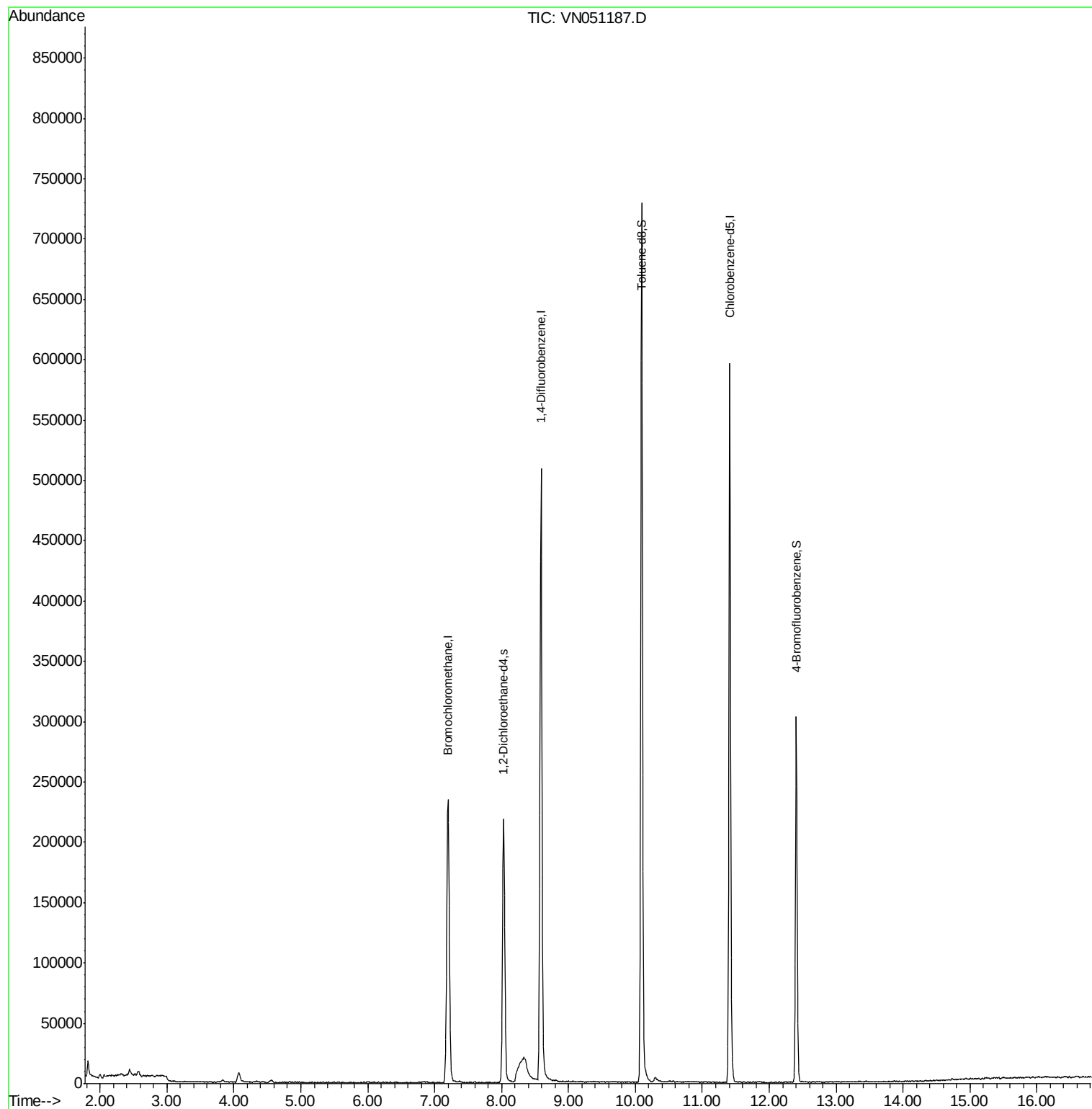
Target Compounds	Ovalue

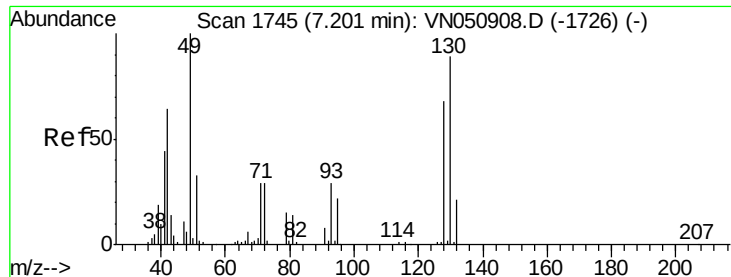
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 29 01:38:44 2018
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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VN051187.D

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Instrument :

MSVOA_N

ClientSampleId :

CBH-139(5)

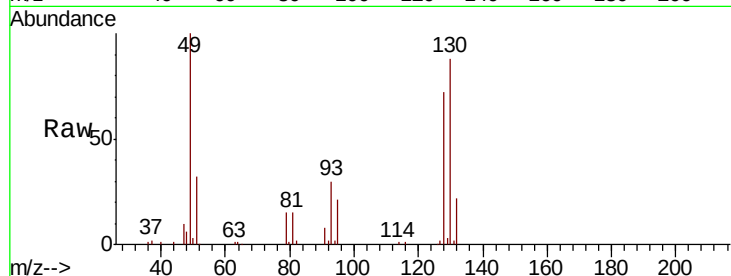
Tot Ion:128 Resp: 101504

Ion Ratio Lower Upper

128 100

49 140.5 0.0 380.3

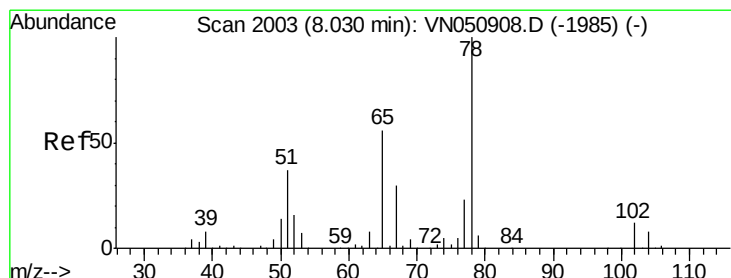
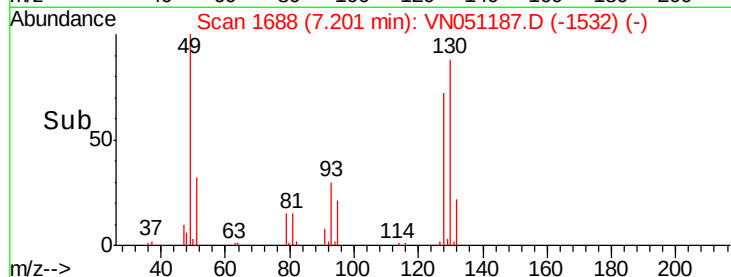
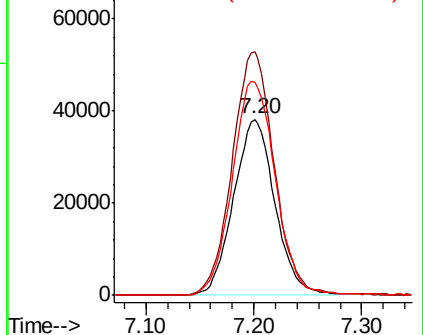
130 126.9 0.0 325.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#27

1,2-Dichloroethane-d4

Concen: 29.20 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. -0.00 min

Lab File: VN051187.D

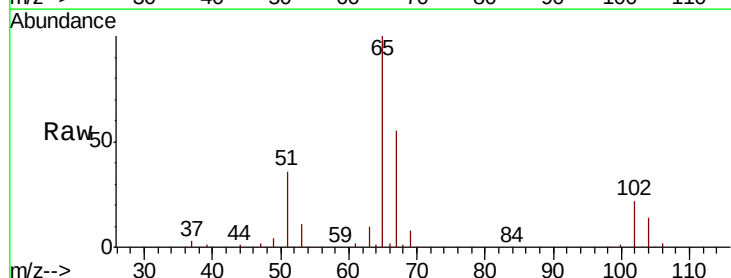
Acq: 14 Sep 2018 13:58

Tgt Ion: 65 Resp: 189145

Ion Ratio Lower Upper

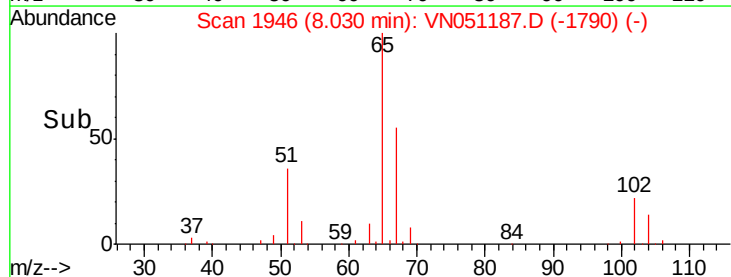
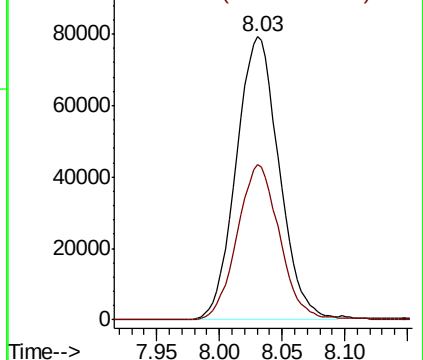
65 100

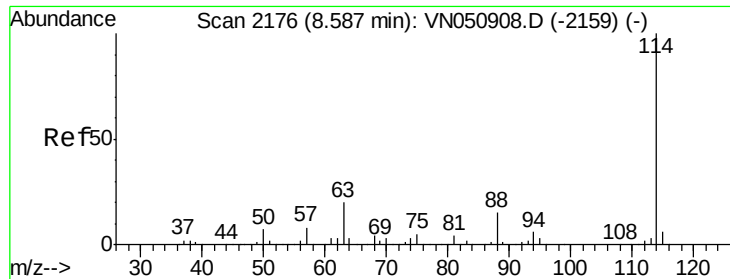
67 54.0 43.7 65.5



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

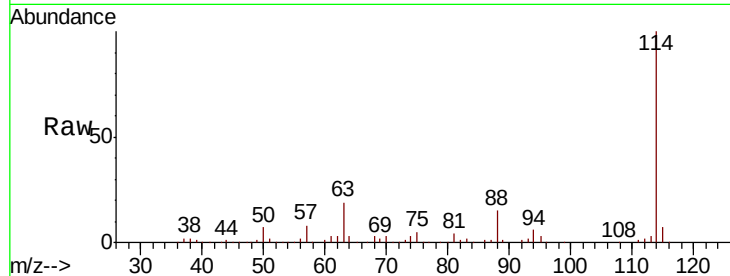




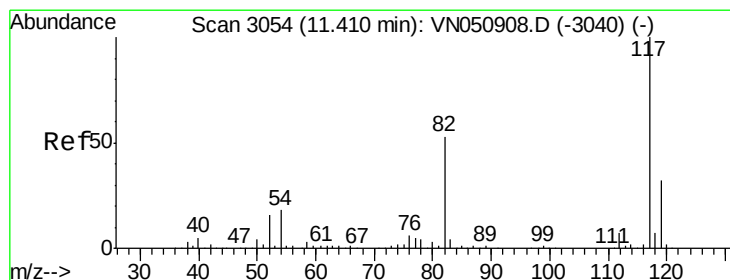
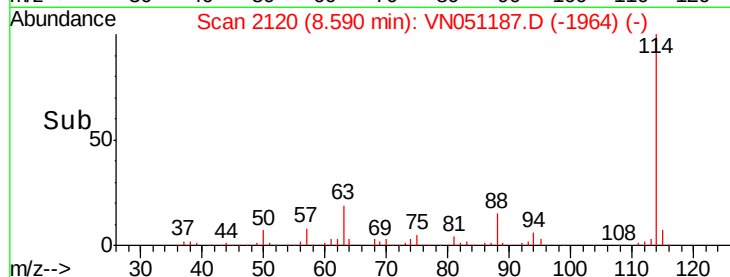
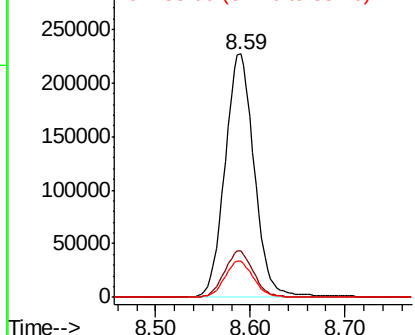
#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN051187.D
 Acq: 14 Sep 2018 13:58

Instrument :
 MSVOA_N
 ClientSampleId :
 CBH-139(5)

Tot Ion:114 Resp: 488755
 Ion Ratio Lower Upper
 114 100
 63 18.9 15.6 23.4
 88 14.7 12.2 18.4

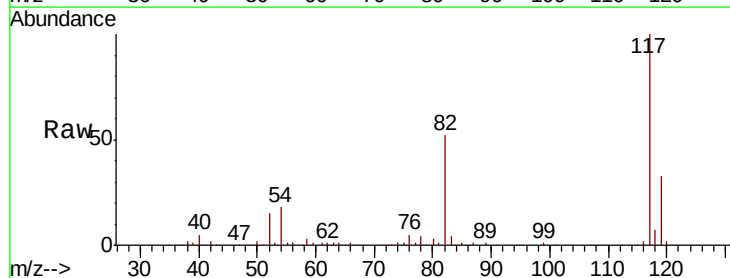


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 88.00 (87.70 to 88.70): VN

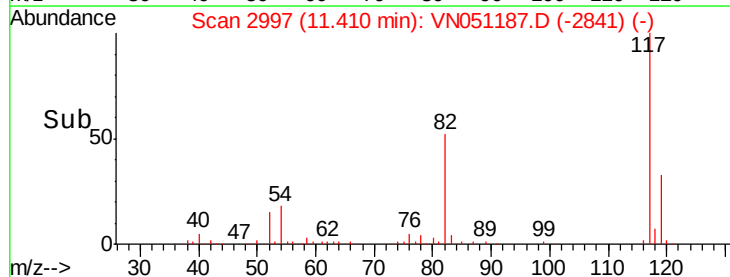
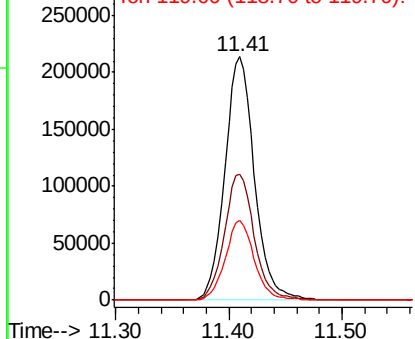


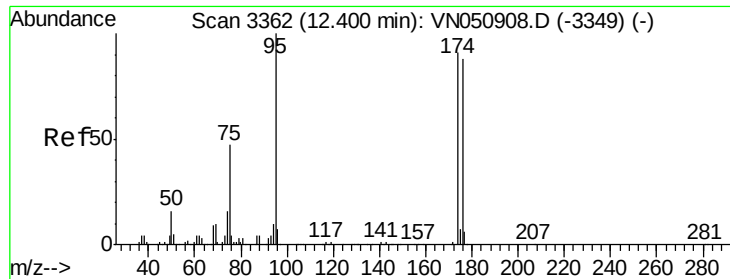
#57
 Chlorobenzene-d5
 Concen: 30.00 ug/l
 RT: 11.41 min Scan# 2997
 Delta R.T. -0.00 min
 Lab File: VN051187.D
 Acq: 14 Sep 2018 13:58

Tgt Ion:117 Resp: 388159
 Ion Ratio Lower Upper
 117 100
 82 52.3 42.6 64.0
 119 32.2 25.7 38.5



Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 82.00 (81.70 to 82.70): VN
 Ion 119.00 (118.70 to 119.70): V

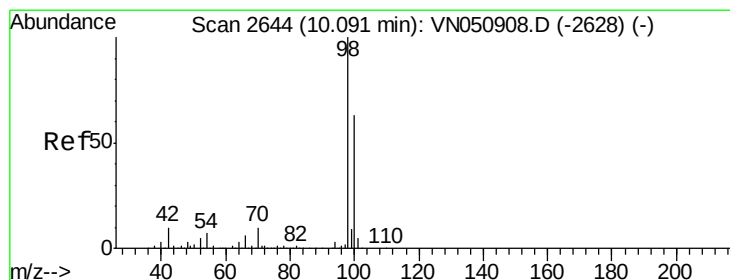
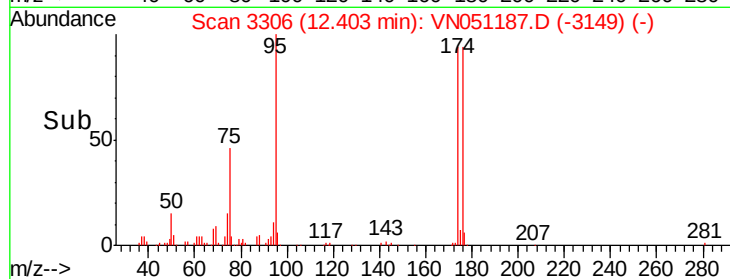
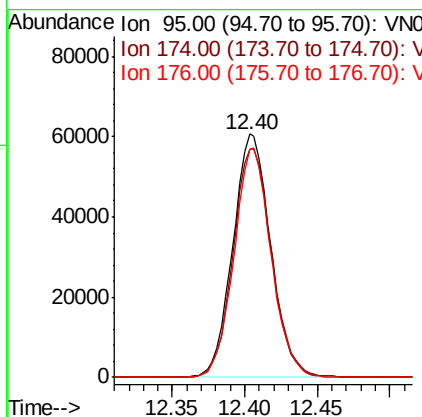
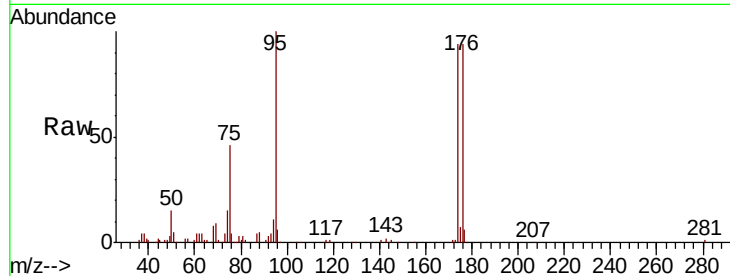




#60
 4-Bromofluorobenzene
 Concen: 19.00 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN051187.D
 Acq: 14 Sep 2018 13:58

Instrument :
 MSVOA_N
 ClientSampled :
 CBH-139(5)

Tot Ion	95	Resp	109685
Ion Ratio	Lower	Upper	
95	100		
174	95.9	74.6	112.0
176	92.3	71.5	107.3



#63
 Toluene-d8
 Concen: 30.53 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN051187.D
 Acq: 14 Sep 2018 13:58

Tgt Ion	98	Resp	552715
Ion Ratio	Lower	Upper	
98	100		
100	62.7	50.6	75.8

