

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121218\
 Data File : VN052818.D
 Acq On : 12 Dec 2018 11:09
 Operator : MD\SY
 Sample : VN1212WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1212WBL01

Quant Time: Dec 13 03:55:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N112618W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 27 00:48:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	153121	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	886800	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	756370	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	312466	29.95	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.83%
60) 4-Bromofluorobenzene	12.40	95	321240	27.78	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.60%
63) Toluene-d8	10.09	98	1021812	29.14	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.13%

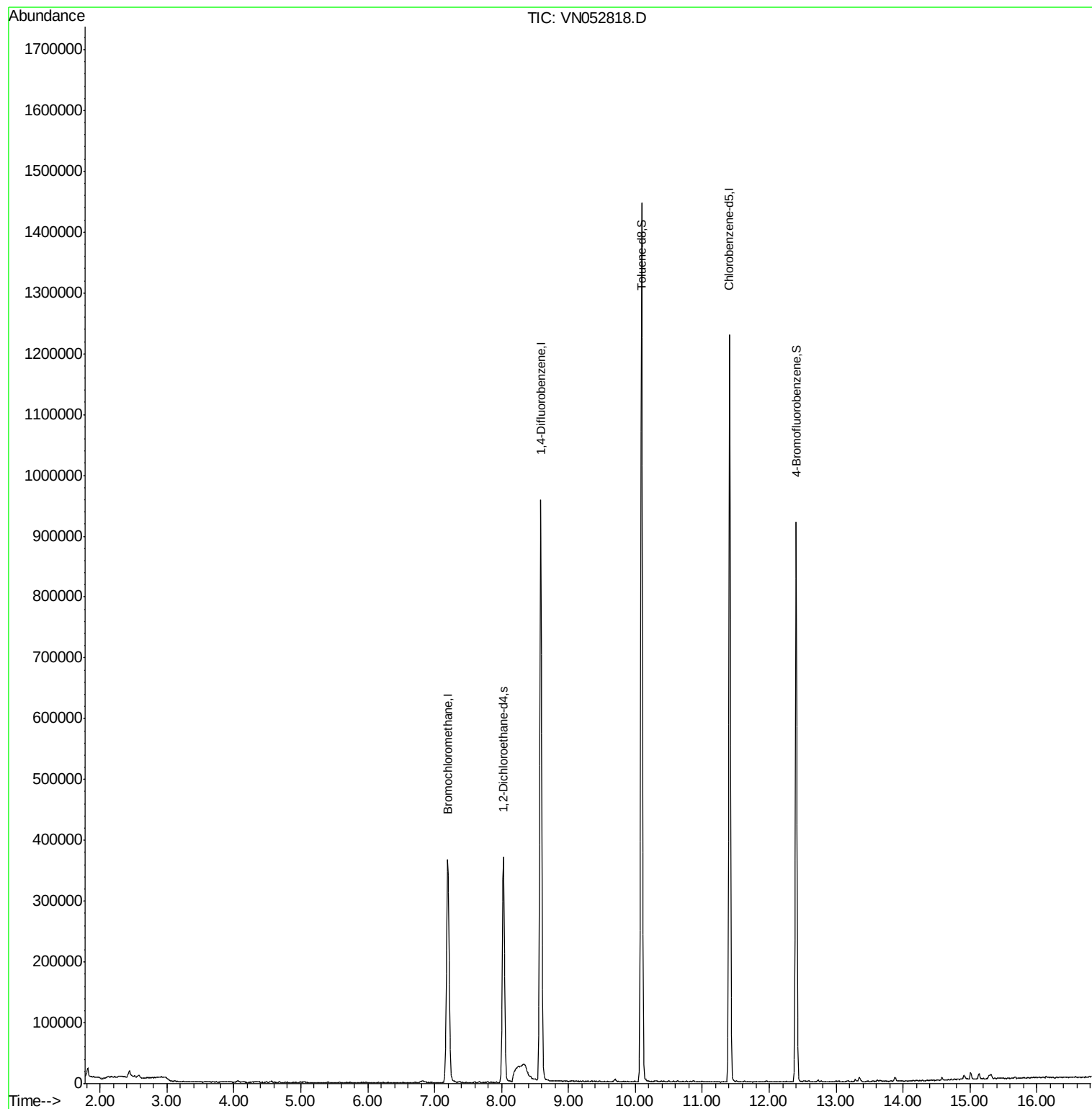
Target Compounds	Ovalue

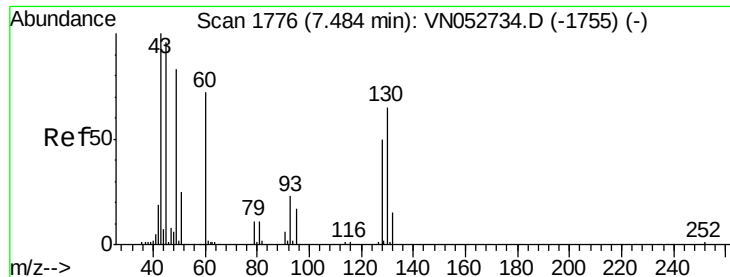
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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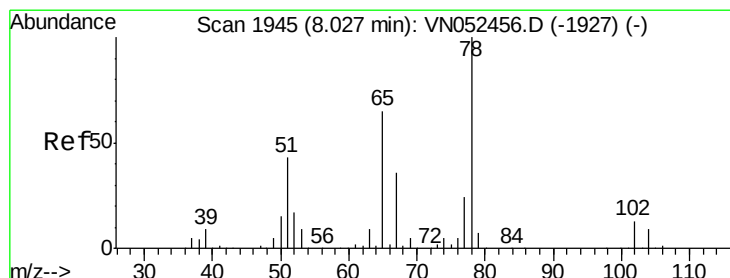
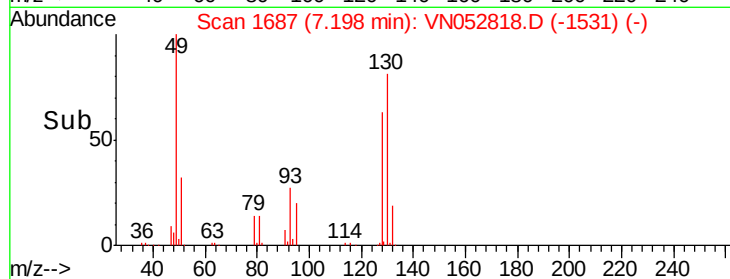
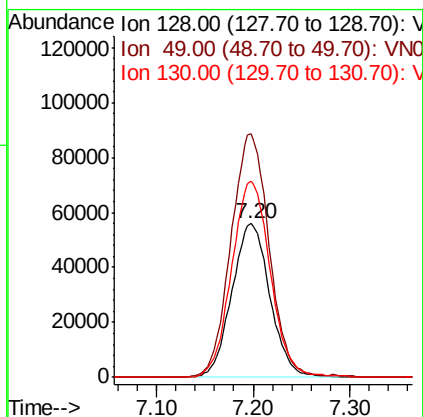
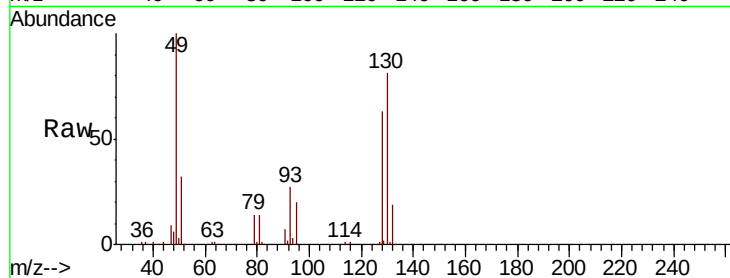




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: VN052818.D
 Acq: 12 Dec 2018 11:09

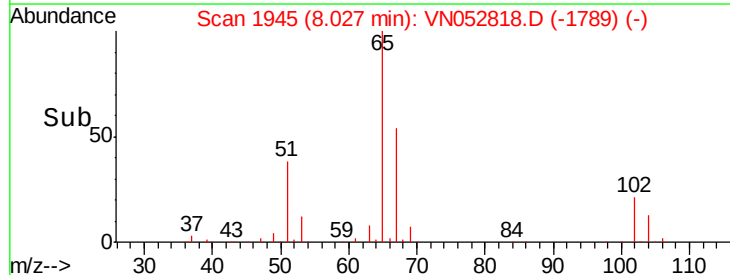
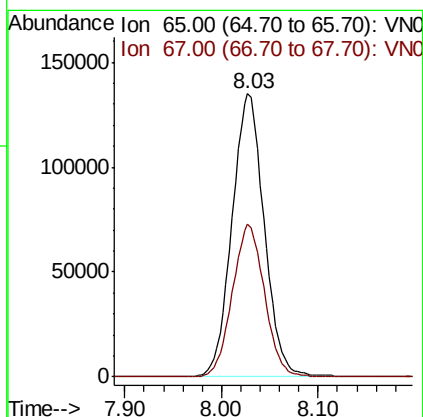
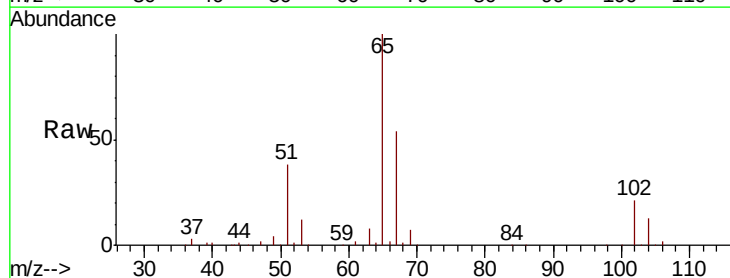
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1212WBL01

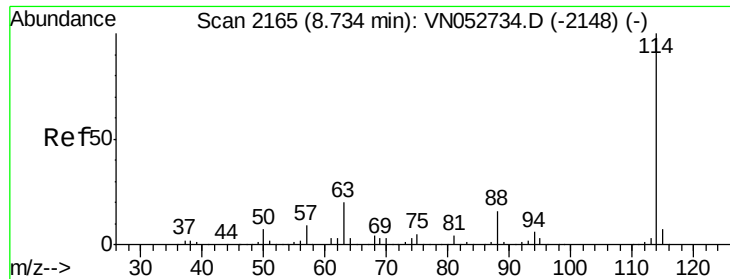
Tot Ion	Ratio	Lower	Upper
128	100		
49	158.7	0.0	431.8
130	130.0	0.0	317.0



#27
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052818.D
 Acq: 12 Dec 2018 11:09

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.7	44.6	66.8

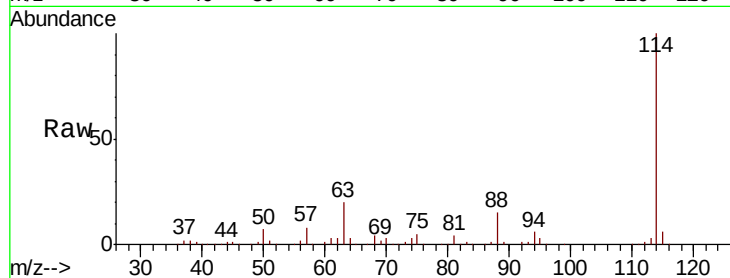




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052818.D
 Acq: 12 Dec 2018 11:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1212WBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	16.9	25.3
88	15.5	12.8	19.2

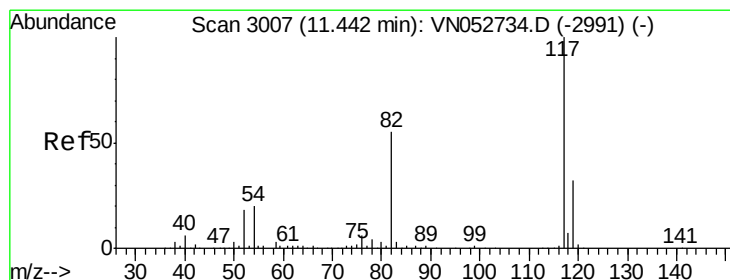
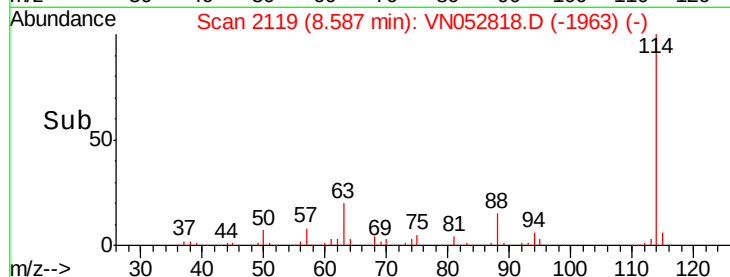
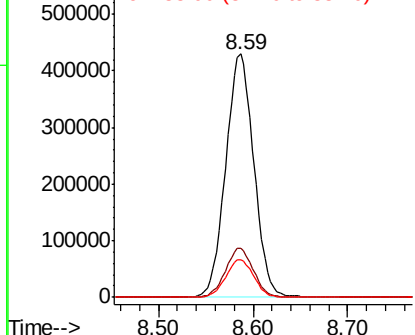


Abundance

Ion 114.00 (113.70 to 114.70): V

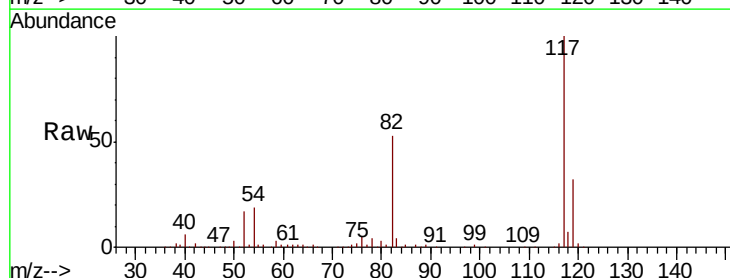
Ion 63.00 (62.70 to 63.70): VN

Ion 88.00 (87.70 to 88.70): VN



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2997
 Delta R.T. 0.00 min
 Lab File: VN052818.D
 Acq: 12 Dec 2018 11:09

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.6	44.2	66.2
119	31.9	25.4	38.2

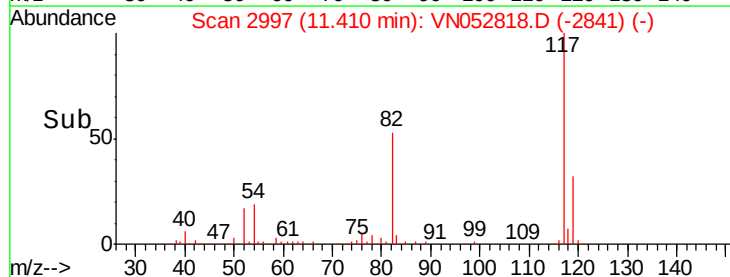
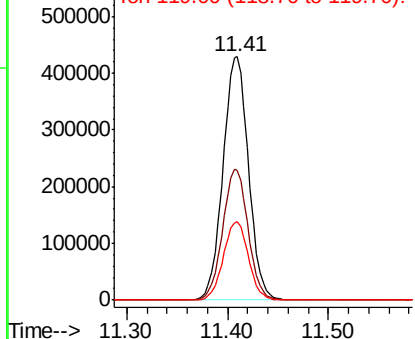


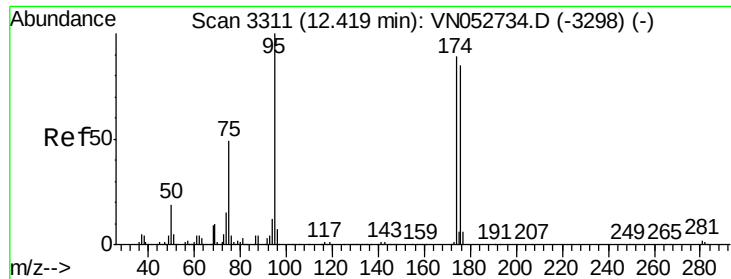
Abundance

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

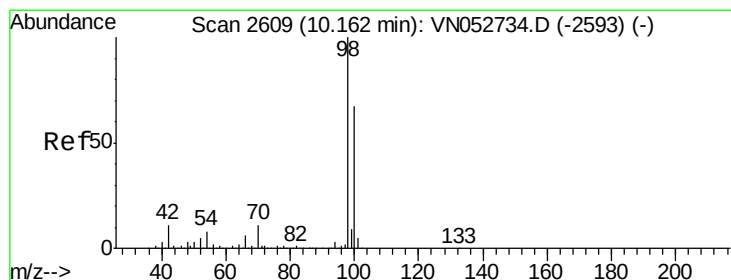
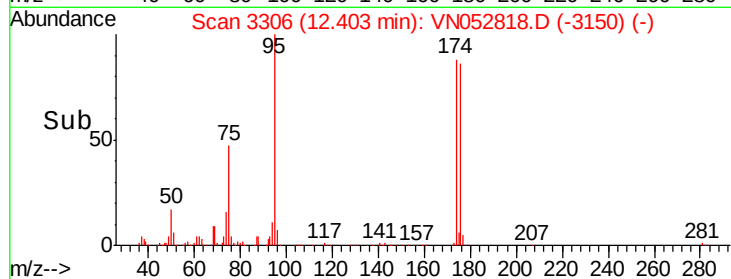
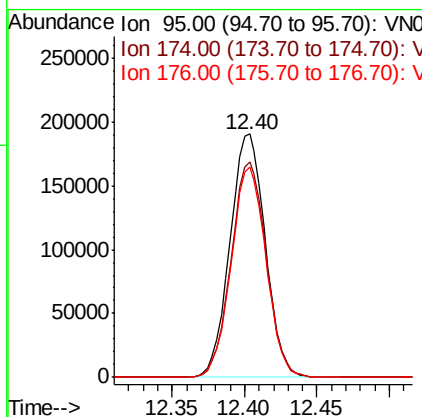
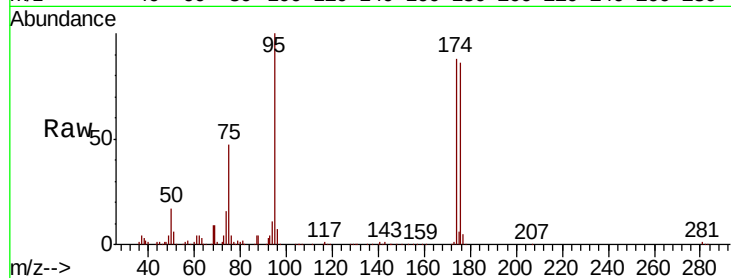




#60
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN052818.D
 Acq: 12 Dec 2018 11:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1212WBL01

Tot Ion: 95 Resp: 321240
 Ion Ratio Lower Upper
 95 100
 174 88.1 67.9 101.9
 176 85.3 66.4 99.6



#63
 Toluene-d8
 Concen: Below ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN052818.D
 Acq: 12 Dec 2018 11:09

Tgt Ion: 98 Resp: 1021812
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.1 76.7

