

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120318\
 Data File : VN052629.D
 Acq On : 3 Dec 2018 14:10
 Operator : MD\SY
 Sample : VN1203WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBL02

Quant Time: Dec 04 00:41:33 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	164218	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	944497	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	782729	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	334516	29.90	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.67%
60) 4-Bromofluorobenzene	12.40	95	311349	26.02	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	86.73%
63) Toluene-d8	10.09	98	1085607	29.91	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.70%

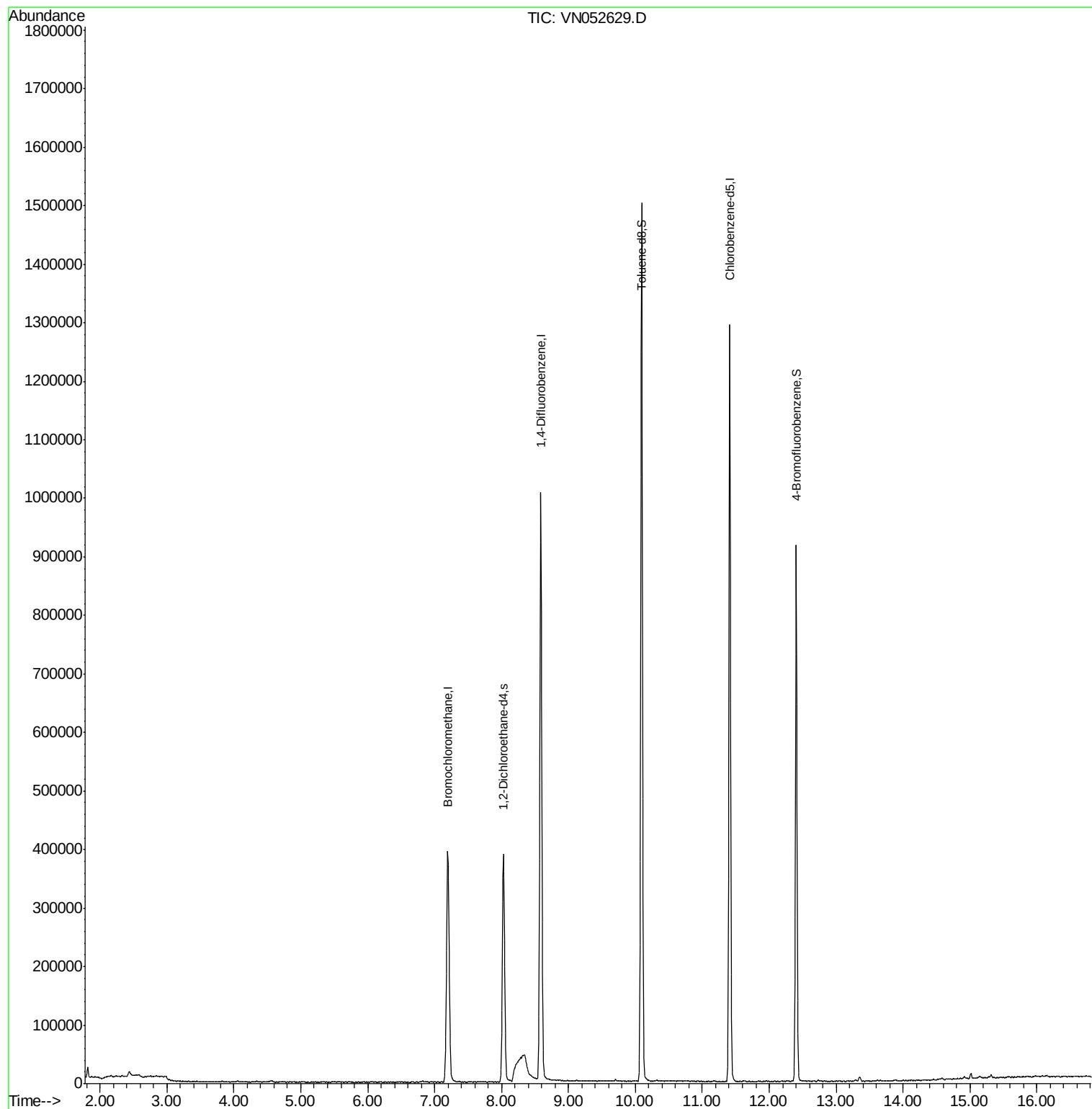
Target Compounds	Ovalue

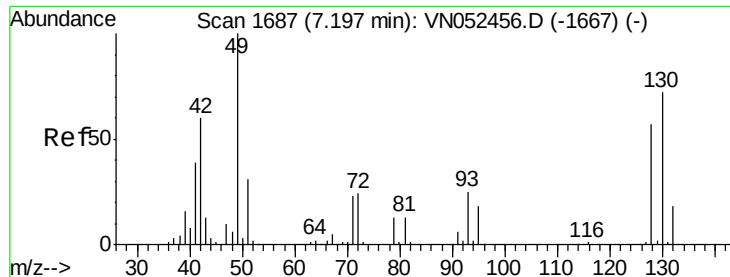
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052629.D

Acq: 3 Dec 2018 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBL02

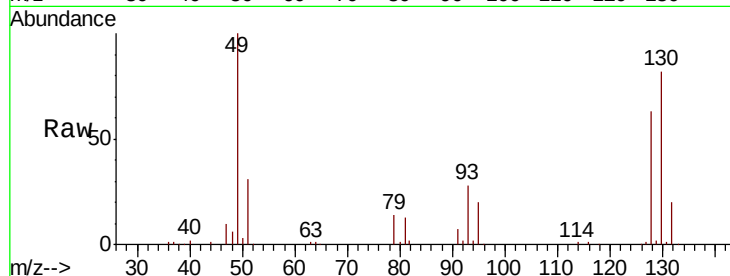
Tot Ion:128 Resp: 164218

Ion Ratio Lower Upper

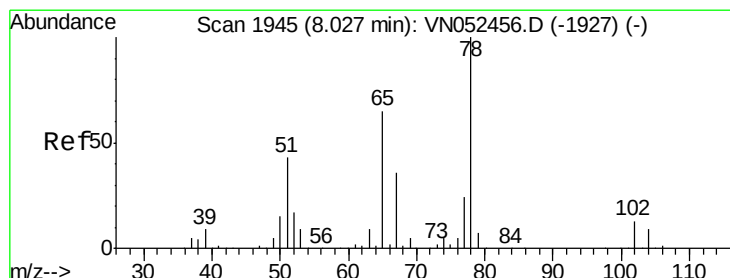
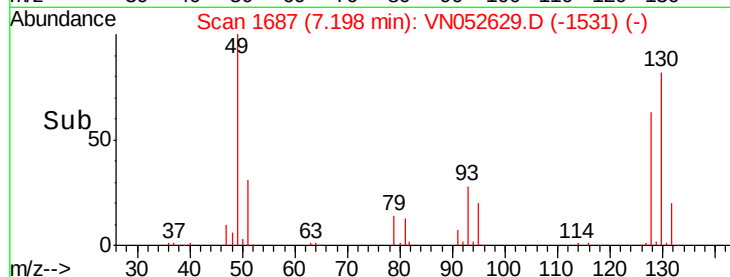
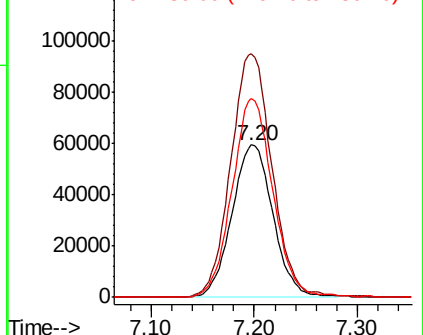
128 100

49 159.6 0.0 431.8

130 130.1 0.0 317.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VN
Ion 130.00 (129.70 to 130.70): V



#27

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052629.D

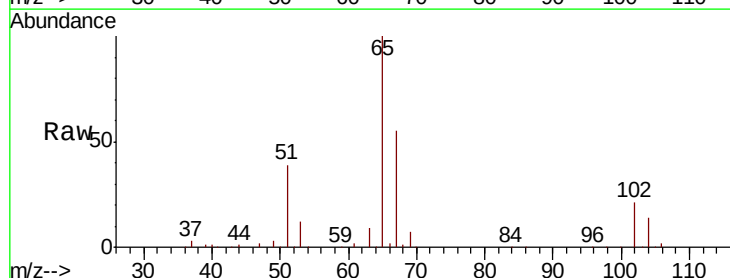
Acq: 3 Dec 2018 14:10

Tgt Ion: 65 Resp: 334516

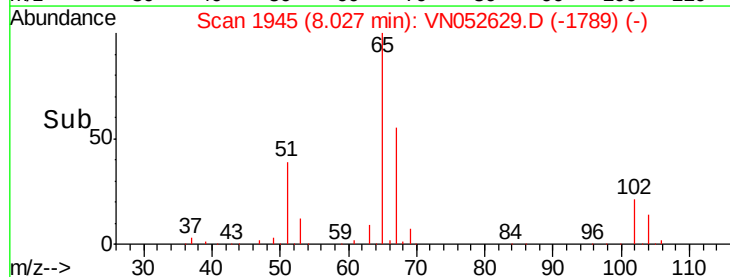
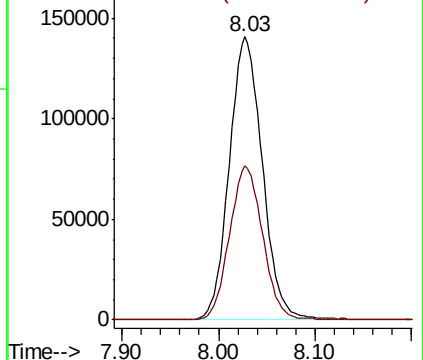
Ion Ratio Lower Upper

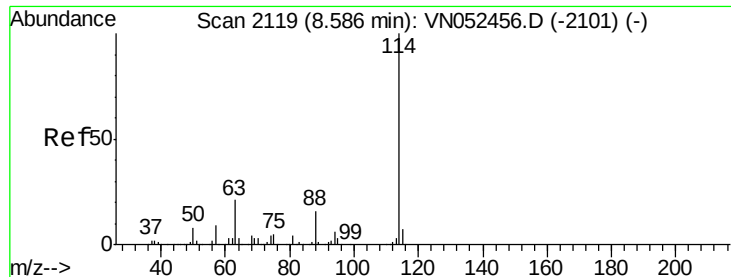
65 100

67 54.4 44.6 66.8



Abundance Ion 65.00 (64.70 to 65.70): VN
Ion 67.00 (66.70 to 67.70): VN

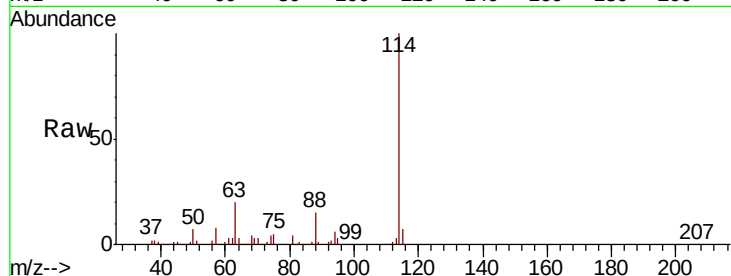




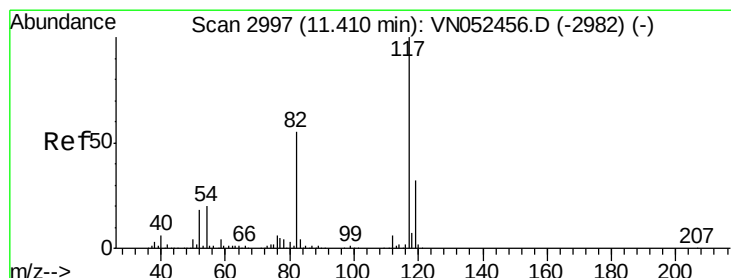
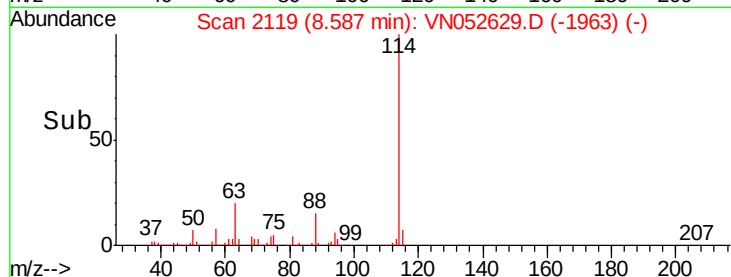
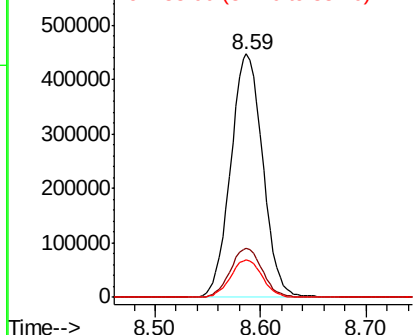
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052629.D
 Acq: 3 Dec 2018 14:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBL02

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	16.9	25.3
88	15.3	12.8	19.2

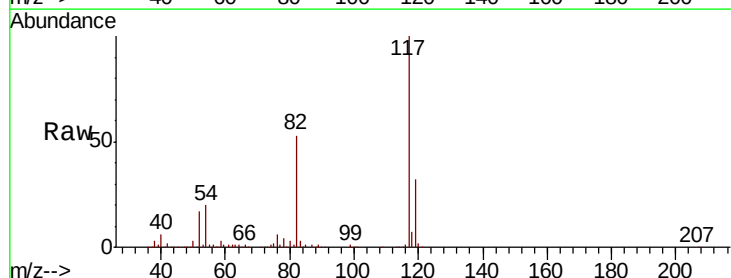


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 88.00 (87.70 to 88.70): VN

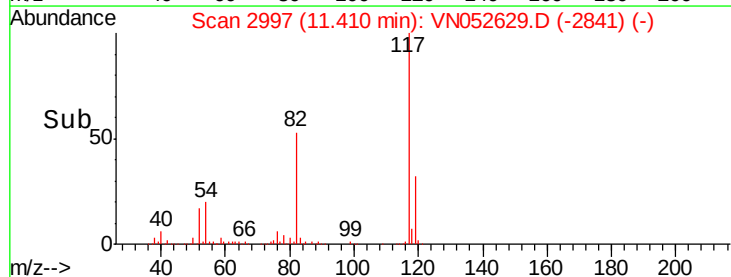
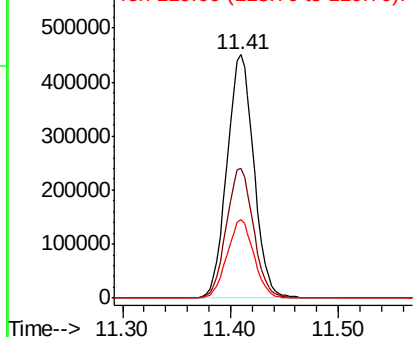


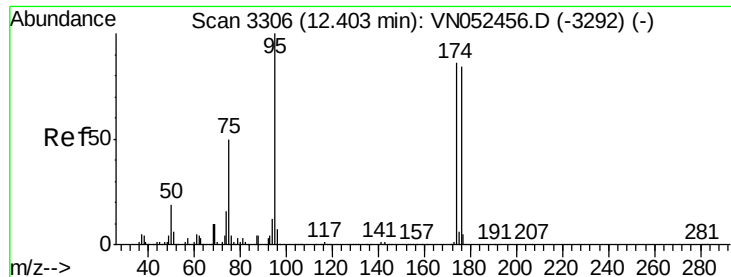
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2997
 Delta R.T. 0.00 min
 Lab File: VN052629.D
 Acq: 3 Dec 2018 14:10

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.7	44.2	66.2
119	32.2	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

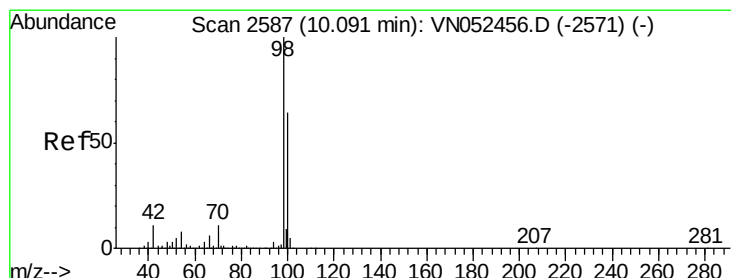
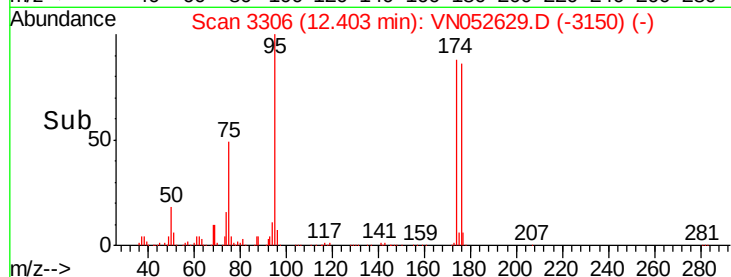
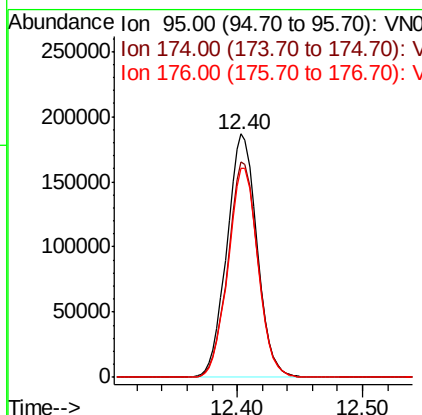
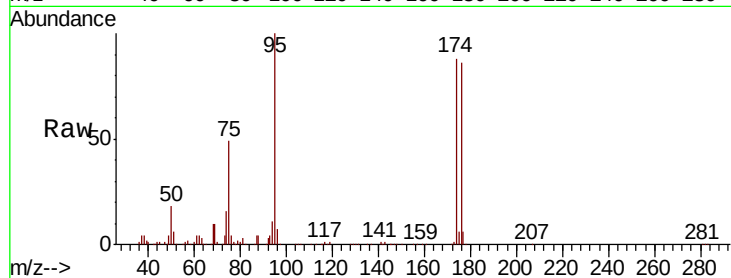




#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052629.D
Acq: 3 Dec 2018 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBL02

Tot Ion: 95 Resp: 311349
Ion Ratio Lower Upper
95 100
174 87.9 67.9 101.9
176 85.2 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: VN052629.D
Acq: 3 Dec 2018 14:10

Tgt Ion: 98 Resp: 1085607
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7

