

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041919\
 Data File : VN055140.D
 Acq On : 19 Apr 2019 14:22
 Operator : JC/SP
 Sample : K2479-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-TRACK-70-71

Quant Time: Apr 22 10:03:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N041119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 12 07:55:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	69364	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	363029	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	290488	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	161956	30.63	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.10%
60) 4-Bromofluorobenzene	12.40	95	99518	22.01	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	73.37%
63) Toluene-d8	10.09	98	427488	30.95	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.17%

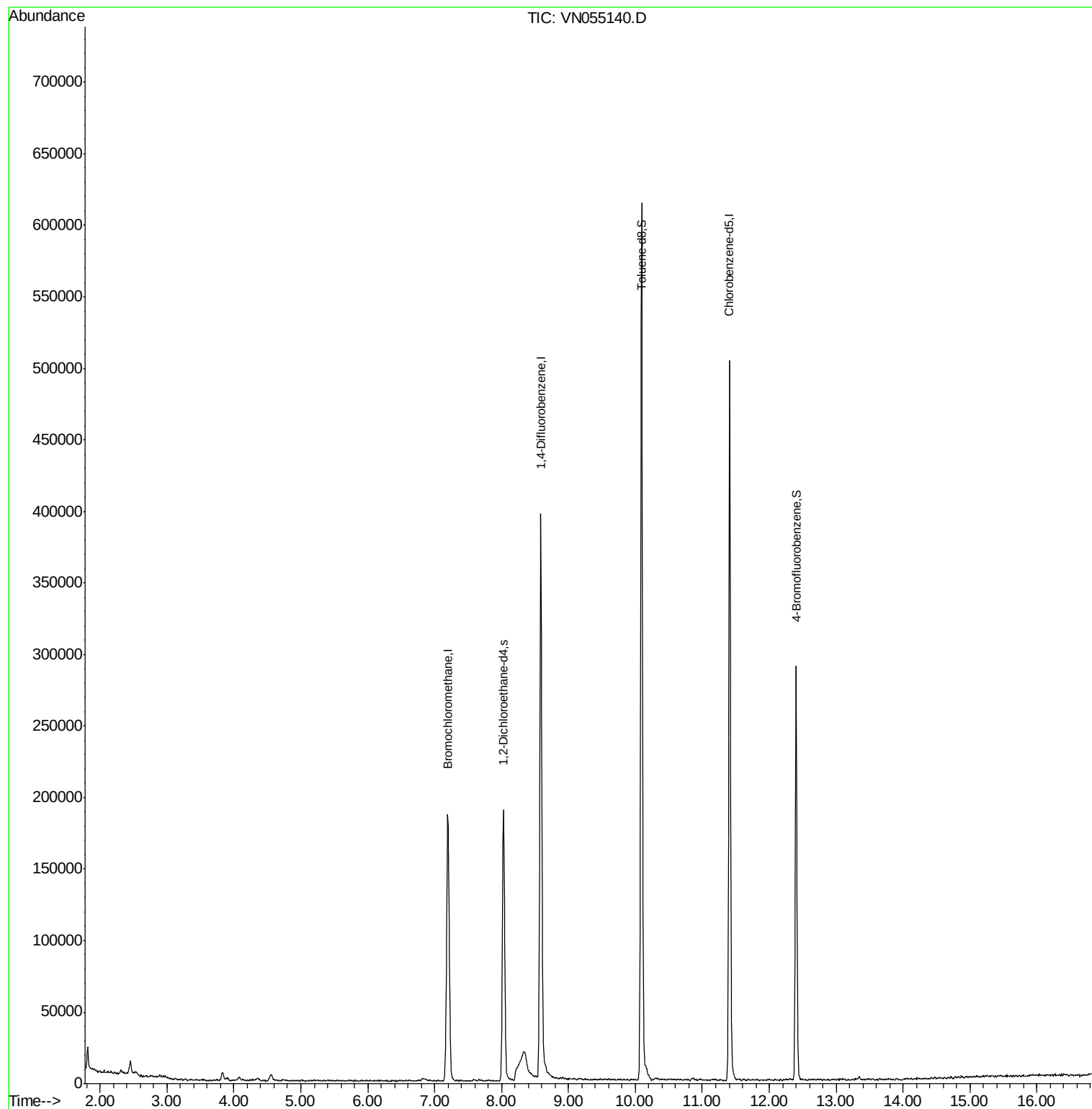
Target Compounds	Ovalue

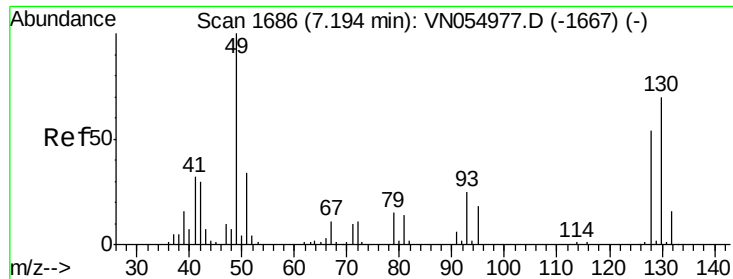
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055140.D

Acq: 19 Apr 2019 14:22

Instrument :

MSVOA_N

ClientSampleId :

TP-TRACK-70-71

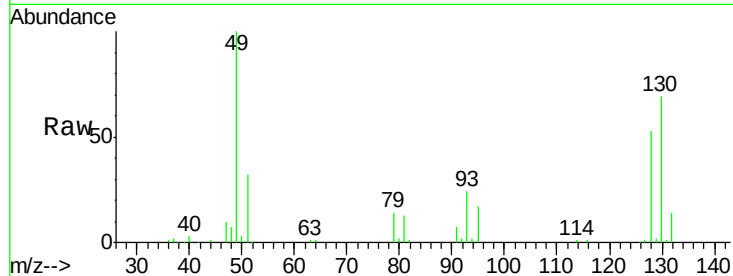
Tot Ion:128 Resp: 69364

Ion Ratio Lower Upper

128 100

49 188.5 0.0 480.3

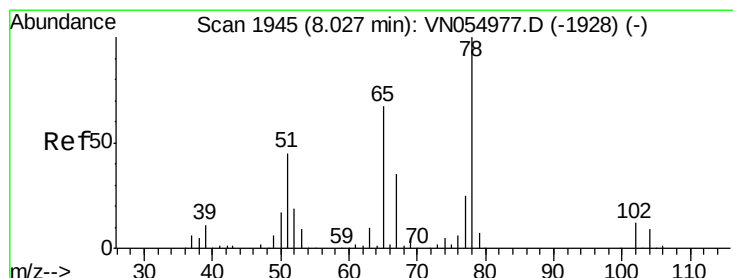
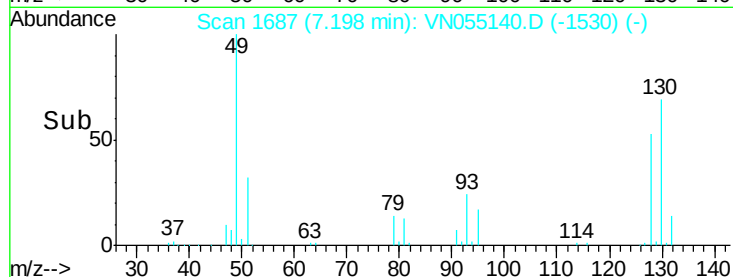
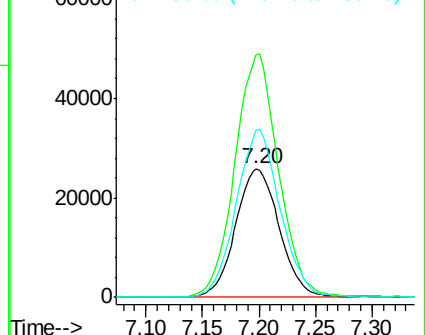
130 131.1 0.0 322.2



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: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055140.D

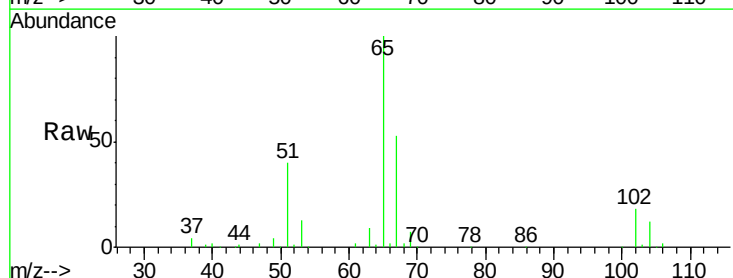
Acq: 19 Apr 2019 14:22

Tgt Ion: 65 Resp: 161956

Ion Ratio Lower Upper

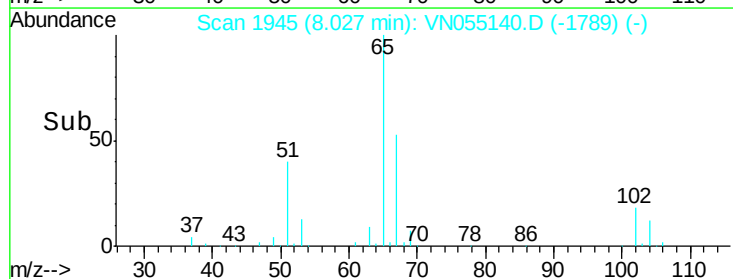
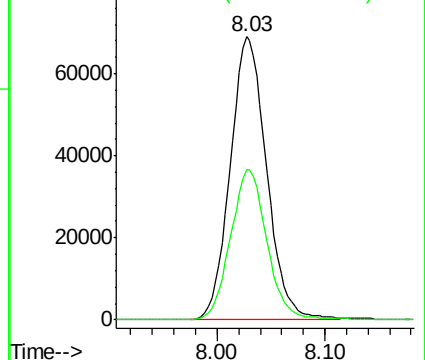
65 100

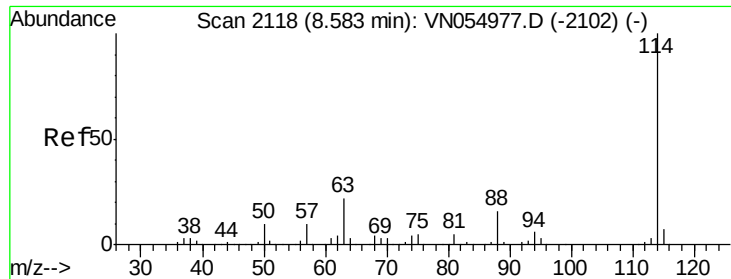
67 53.1 41.8 62.8



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

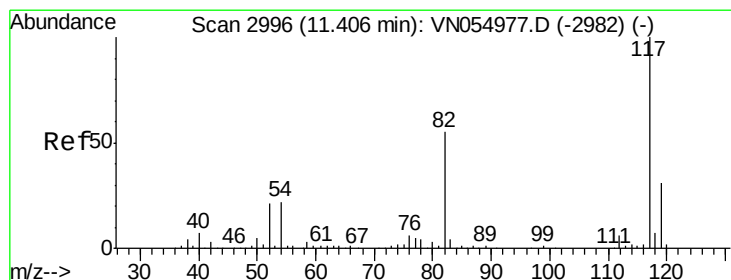
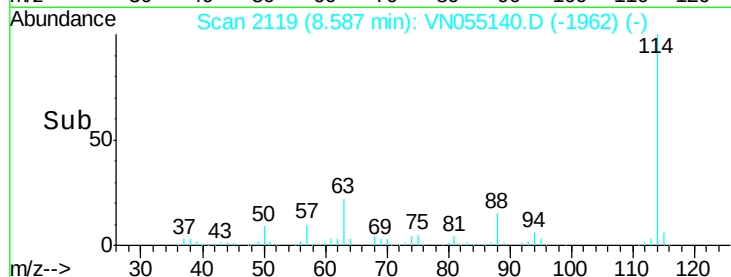
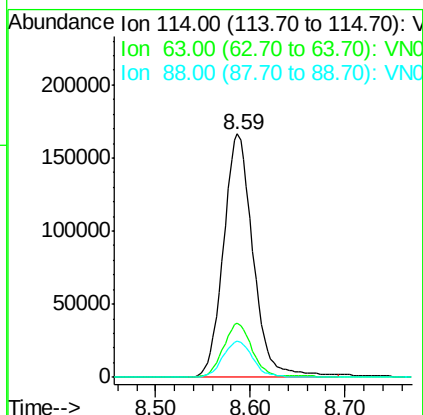
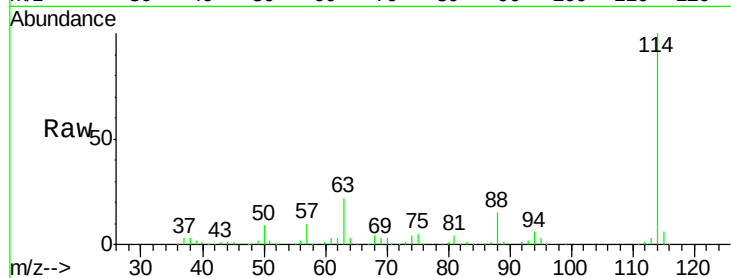




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055140.D
 Acq: 19 Apr 2019 14:22

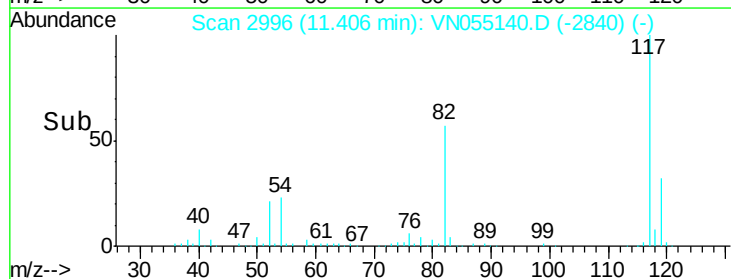
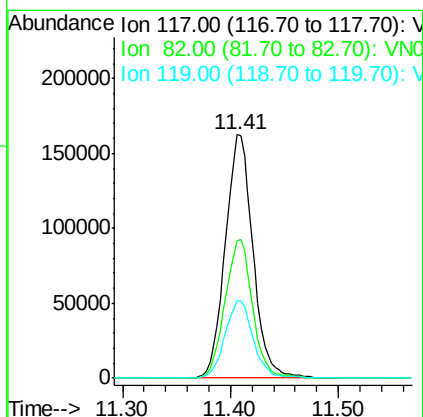
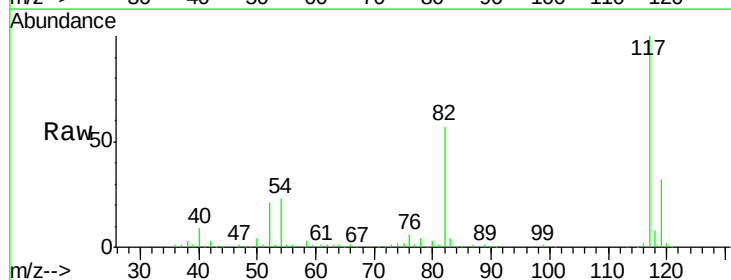
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-TRACK-70-71

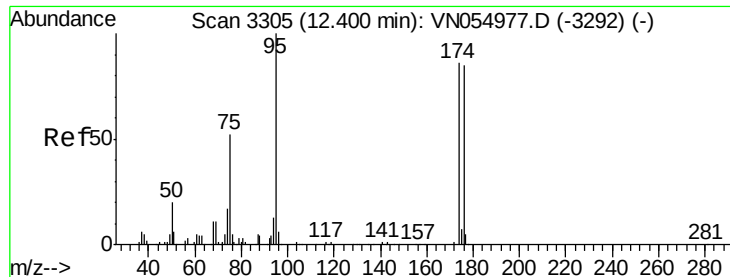
Tot Ion:114 Resp: 363029
 Ion Ratio Lower Upper
 114 100
 63 21.3 17.0 25.4
 88 14.9 12.3 18.5



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN055140.D
 Acq: 19 Apr 2019 14:22

Tgt Ion:117 Resp: 290488
 Ion Ratio Lower Upper
 117 100
 82 56.7 45.2 67.8
 119 32.4 25.4 38.2

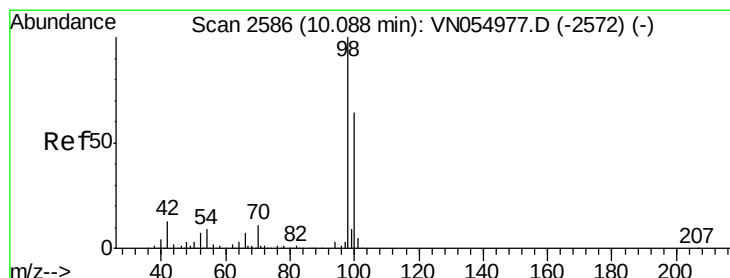
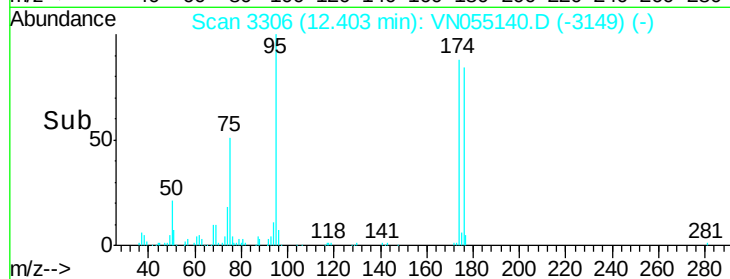
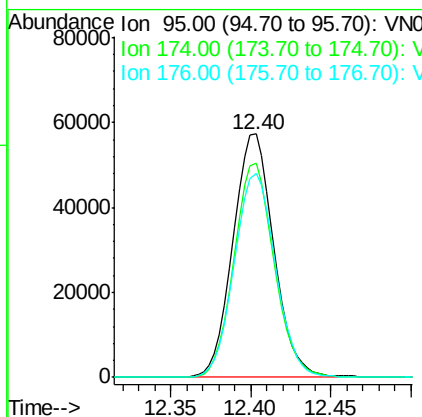
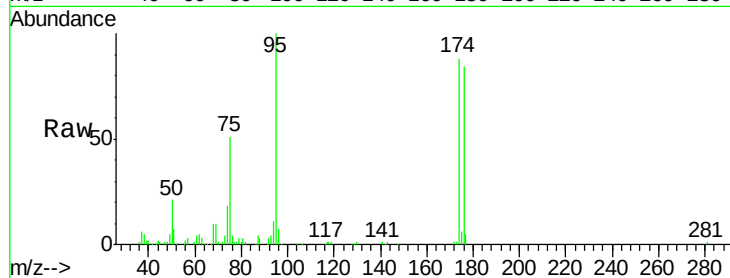




#60
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN055140.D
Acq: 19 Apr 2019 14:22

Instrument :
MSVOA_N
ClientSampleId :
TP-TRACK-70-71

Tot Ion: 95 Resp: 99518
Ion Ratio Lower Upper
95 100
174 86.8 69.4 104.2
176 84.9 67.4 101.2



#63
Toluene-d8
Concen: Below ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055140.D
Acq: 19 Apr 2019 14:22

Tgt Ion: 98 Resp: 427488
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7

