

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071819\
 Data File : VN056803.D
 Acq On : 18 Jul 2019 10:32
 Operator : JC/SP
 Sample : K3834-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-3-DEP

Quant Time: Jul 19 09:07:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 12 23:58:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	49089	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	272369	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	218045	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.02	65	103152	31.02	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.40%
60) 4-Bromofluorobenzene	12.40	95	75104	22.51	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	75.03%
63) Toluene-d8	10.09	98	316188	31.74	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	105.80%

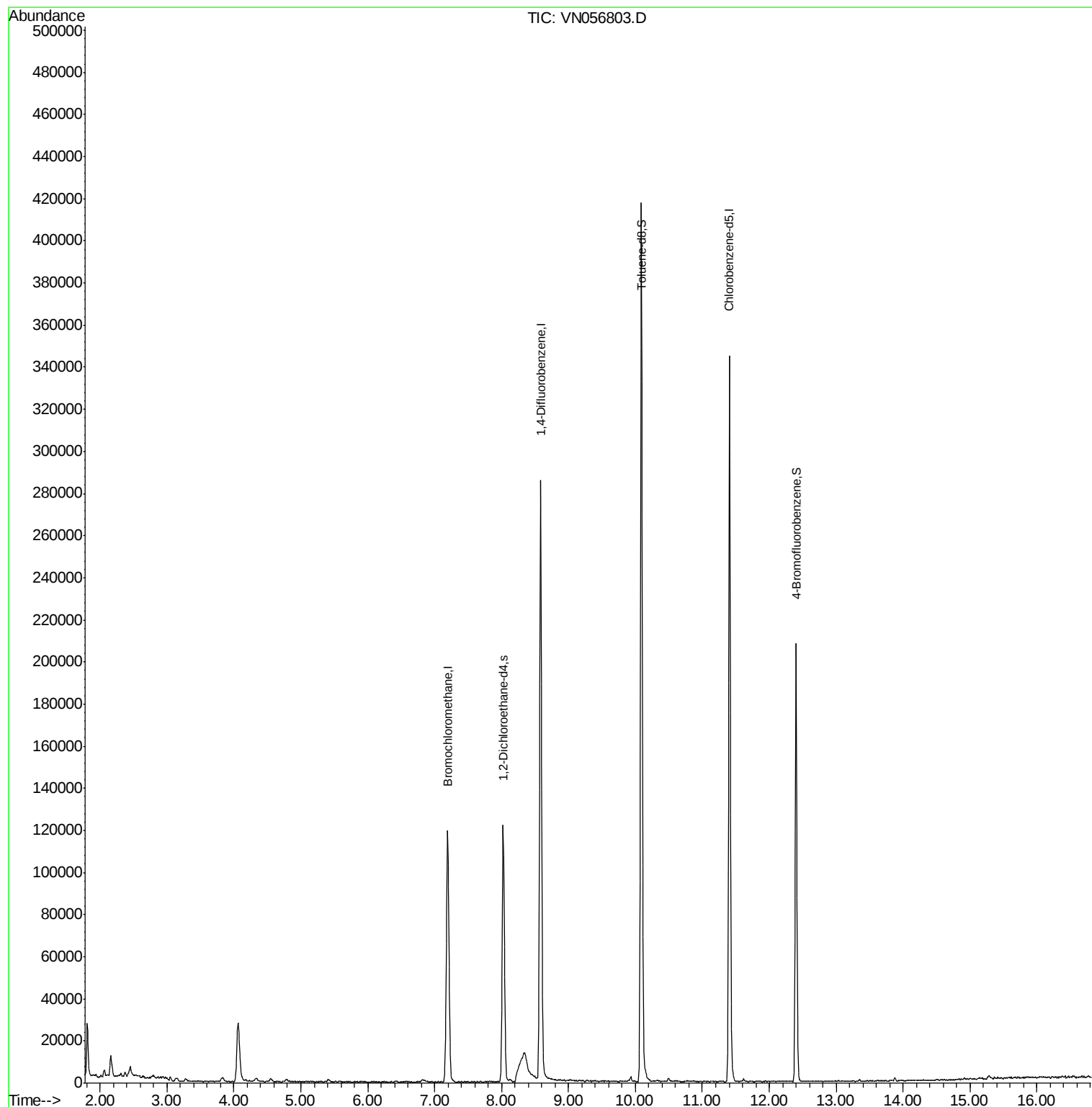
Target Compounds	Ovalue

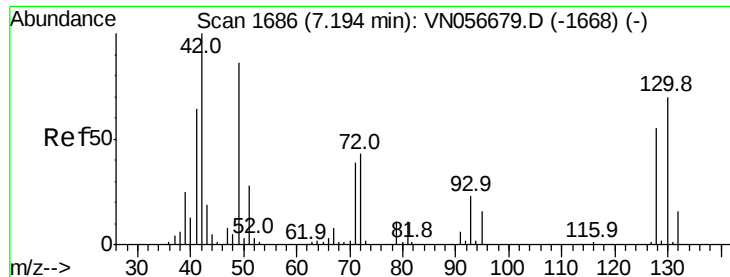
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 12 23:58:13 2019
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN056803.D

Acq: 18 Jul 2019 10:32

Instrument :

MSVOA_N

ClientSampleId :

TW-3-DEP

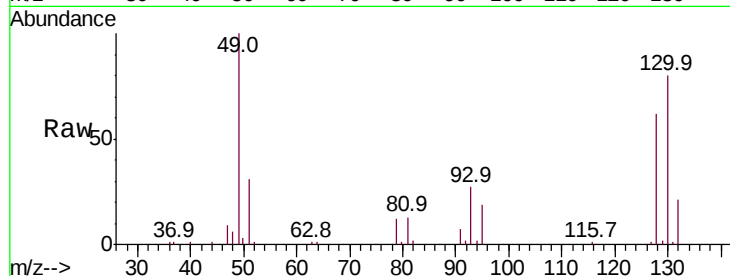
Tot Ion:128 Resp: 49089

Ion Ratio Lower Upper

128 100

49 160.9 0.0 390.5

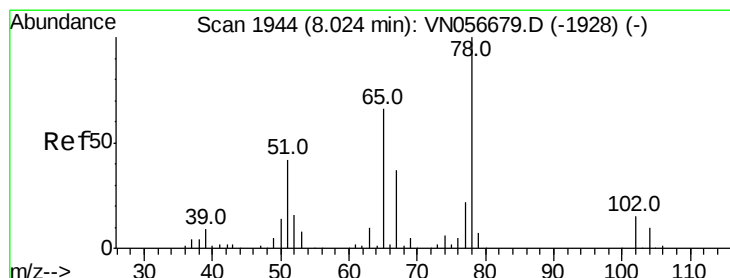
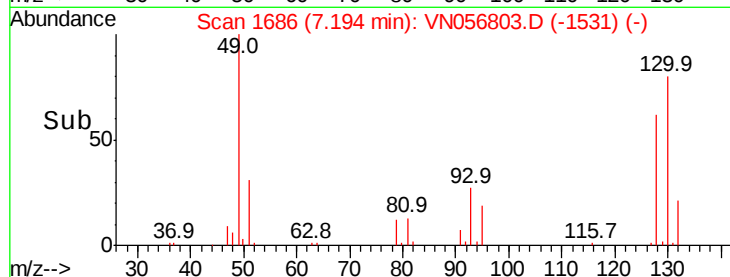
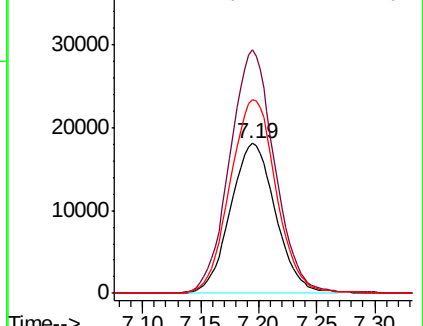
130 131.9 0.0 316.5



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: 31.022 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN056803.D

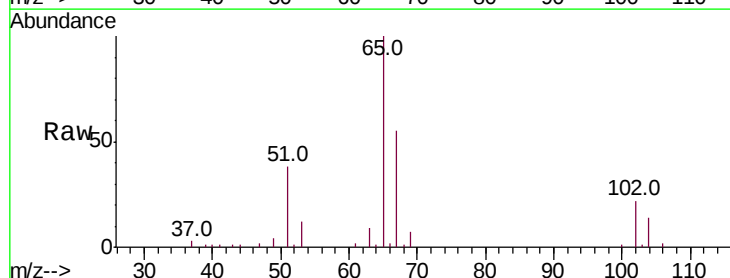
Acq: 18 Jul 2019 10:32

Tgt Ion: 65 Resp: 103152

Ion Ratio Lower Upper

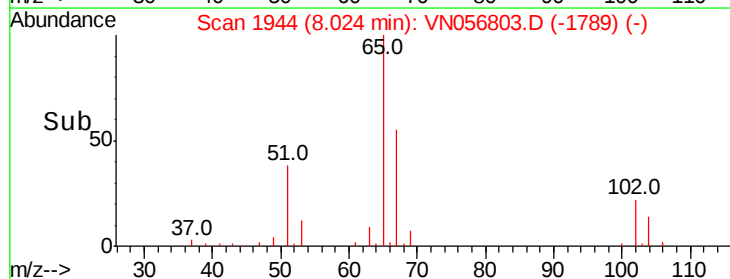
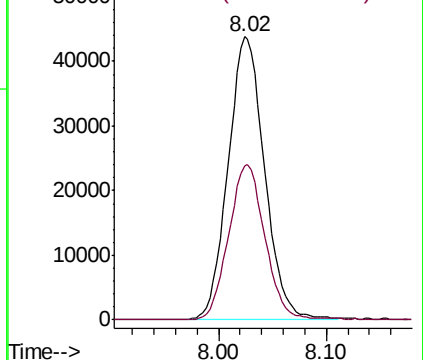
65 100

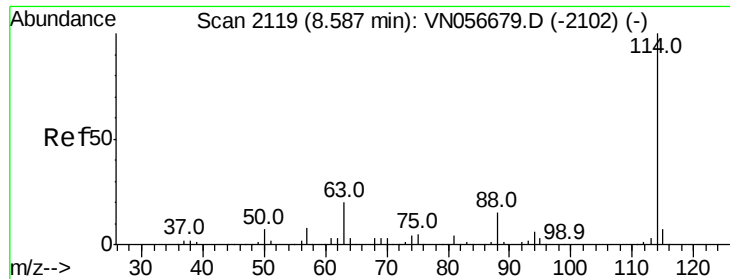
67 54.4 43.4 65.0



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

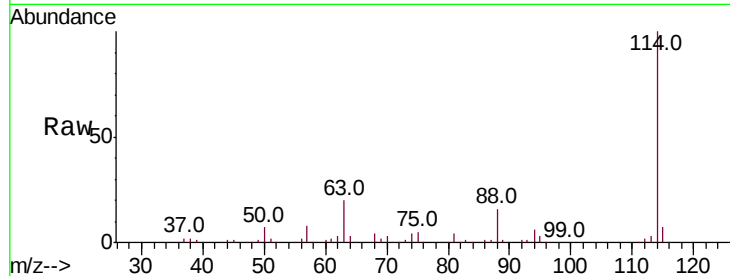




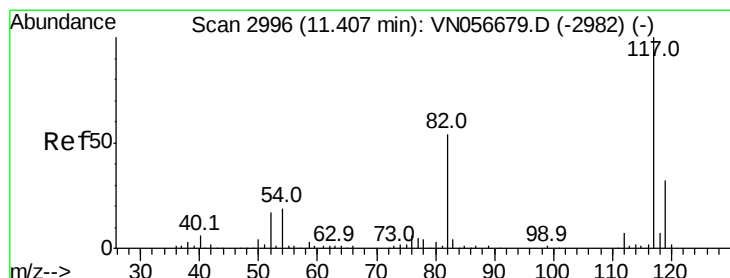
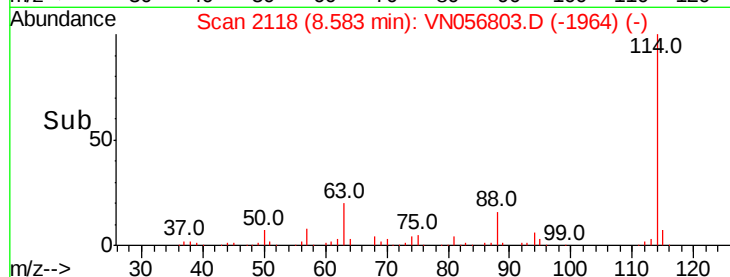
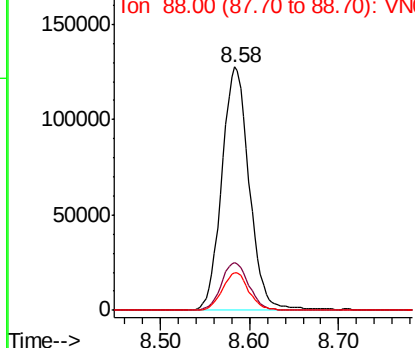
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056803.D
 Acq: 18 Jul 2019 10:32

Instrument :
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 TW-3-DEP

Tot Ion:114 Resp: 272369
 Ion Ratio Lower Upper
 114 100
 63 19.5 16.2 24.2
 88 15.0 12.3 18.5

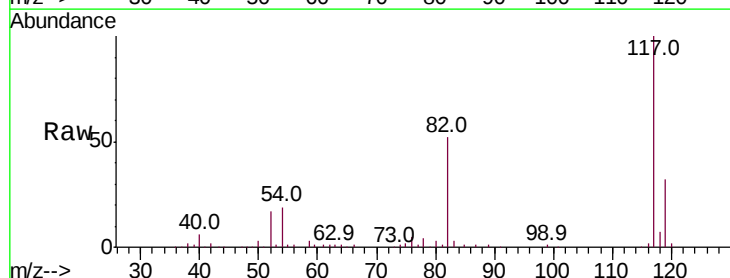


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 88.00 (87.70 to 88.70): VN

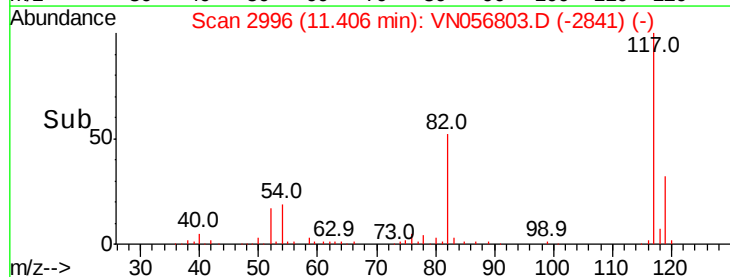
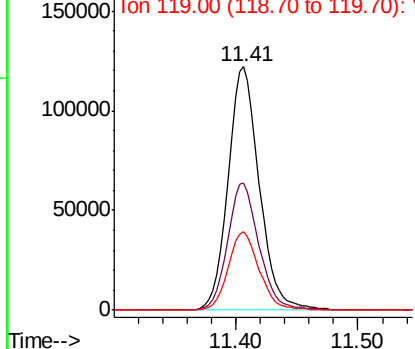


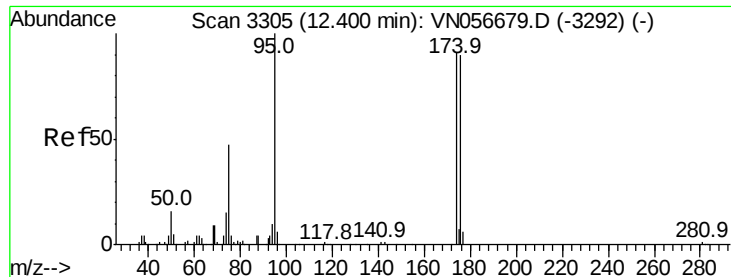
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: VN056803.D
 Acq: 18 Jul 2019 10:32

Tgt Ion:117 Resp: 218045
 Ion Ratio Lower Upper
 117 100
 82 52.5 43.0 64.4
 119 32.0 26.0 39.0



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: 22.506 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056803.D

Acq: 18 Jul 2019 10:32

Instrument :

MSVOA_N

ClientSampled :

TW-3-DEP

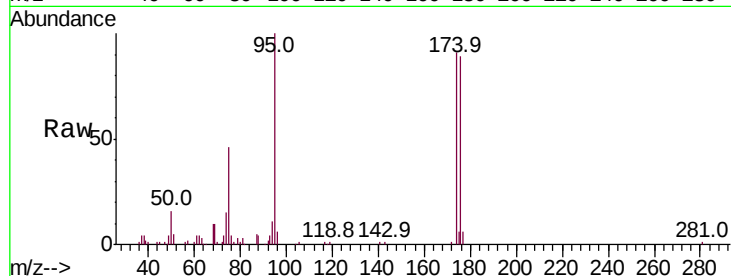
Tot Ion: 95 Resp: 75104

Ion Ratio Lower Upper

95 100

174 93.3 72.6 108.8

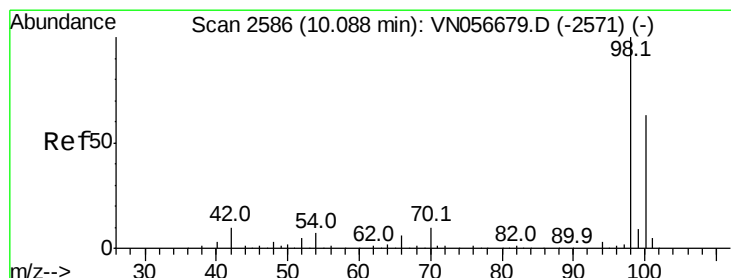
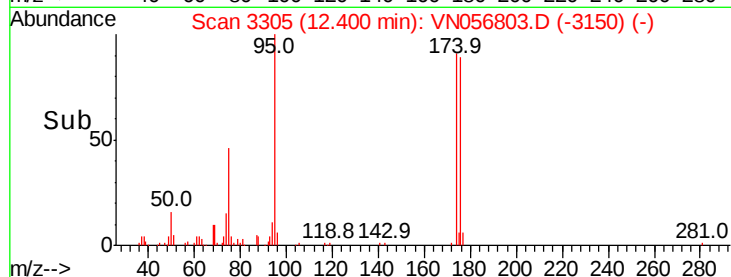
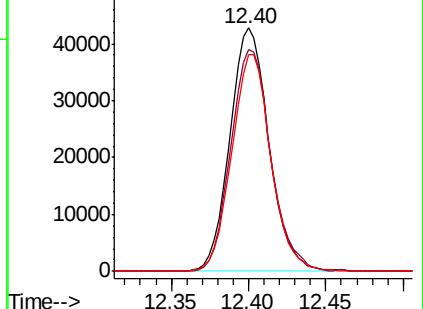
176 89.2 71.0 106.6



Abundance Ion 95.00 (94.70 to 95.70): VN056679.D (-3292) (-)

Ion 174.00 (173.70 to 174.70): VN056679.D (-3292) (-)

Ion 176.00 (175.70 to 176.70): VN056679.D (-3292) (-)



#63

Toluene-d8

Concen: 31.737 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056803.D

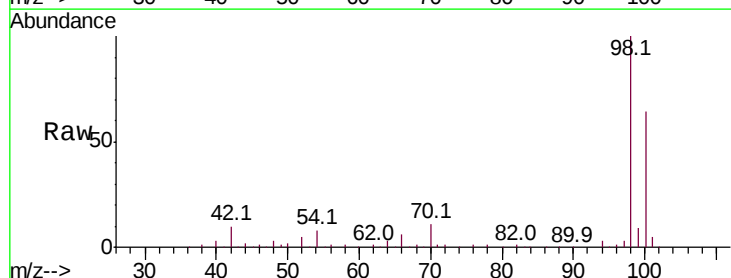
Acq: 18 Jul 2019 10:32

Tgt Ion: 98 Resp: 316188

Ion Ratio Lower Upper

98 100

100 63.6 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN056679.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN056679.D (-2571) (-)

