

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092419\
 Data File : VN058344.D
 Acq On : 24 Sep 2019 14:13
 Operator : JC/SP
 Sample : VN0924WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBL01

Quant Time: Sep 25 01:56:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092419W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 25 01:36:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	79981	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	474657	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	396590	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.01	65	219485	31.04	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.47%
60) 4-Bromofluorobenzene	12.41	95	191383	27.89	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.97%
63) Toluene-d8	10.09	98	589815	31.16	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.87%

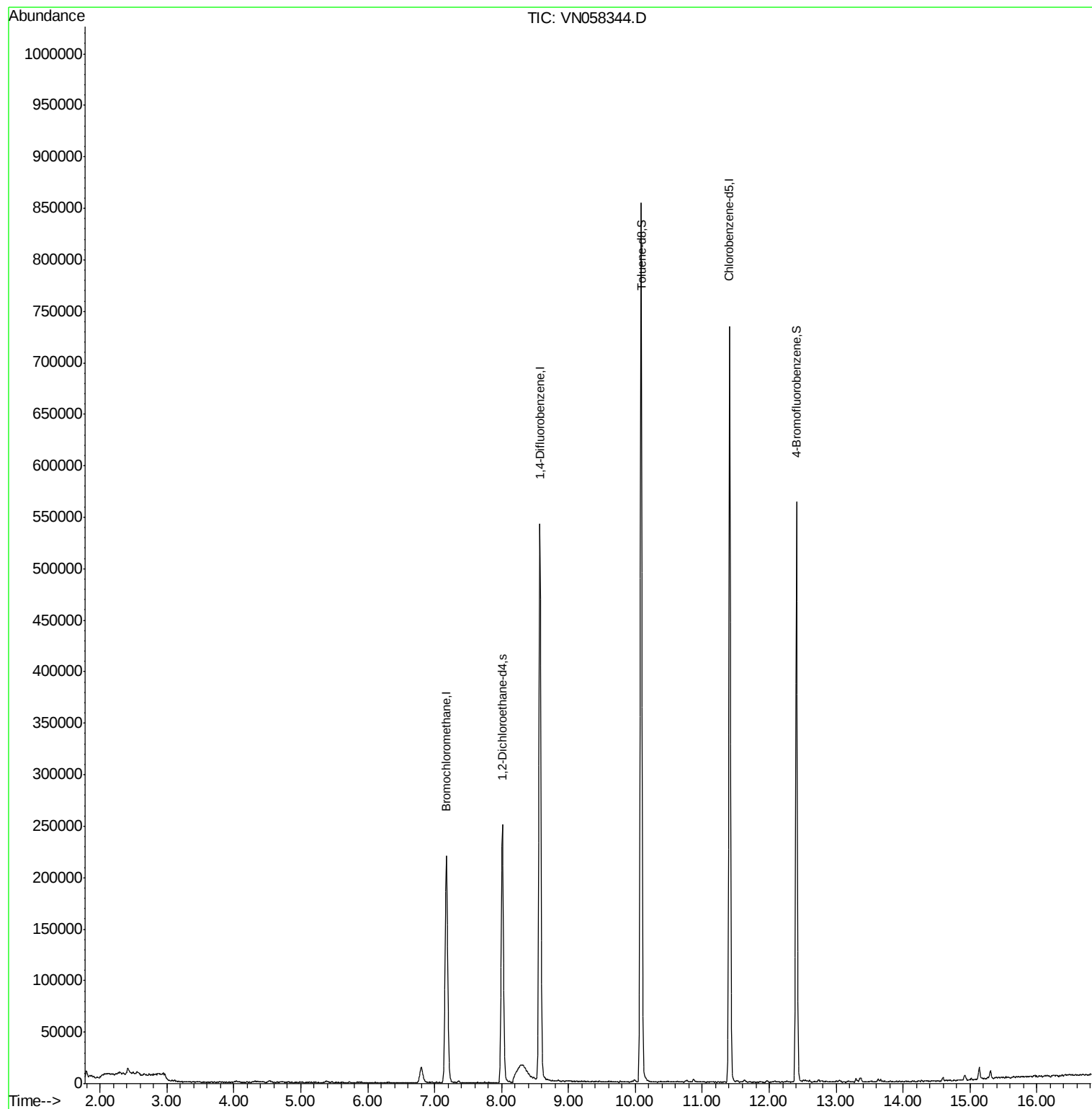
Target Compounds	Ovalue

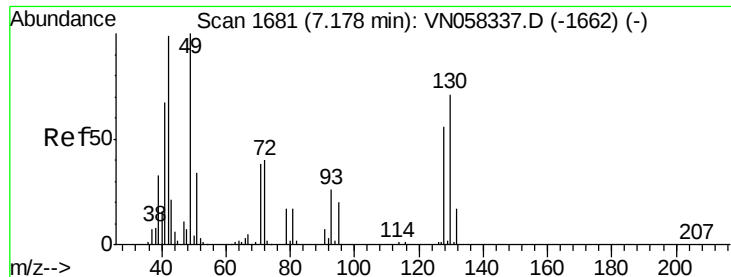
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

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Instrument :

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VN0924WBL01

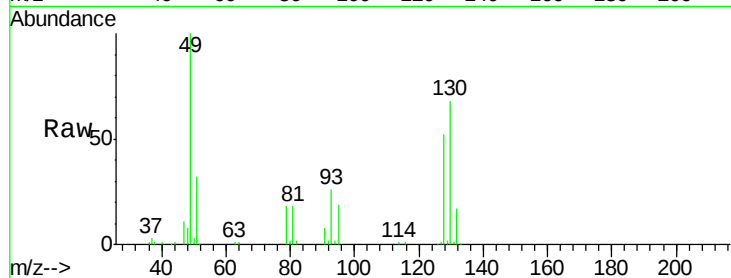
Tot Ion:128 Resp: 79981

Ion Ratio Lower Upper

128 100

49 184.4 0.0 458.5

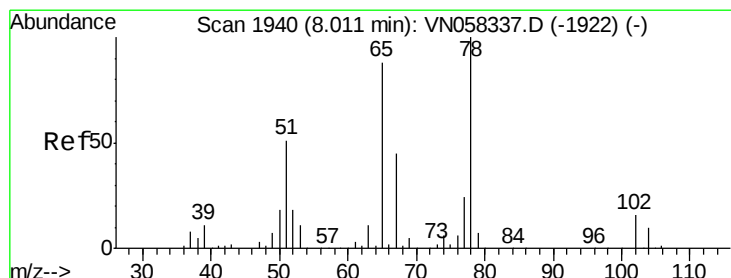
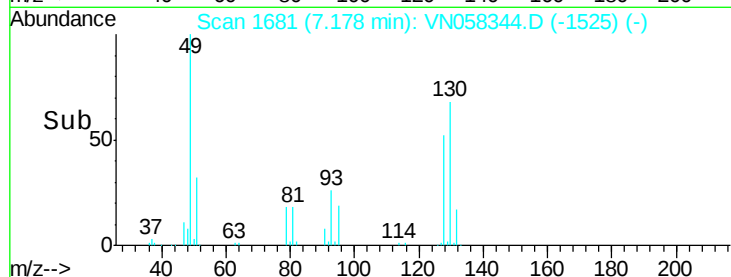
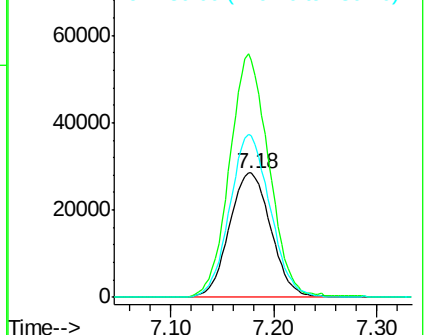
130 127.3 0.0 320.7



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: 31.044 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058344.D

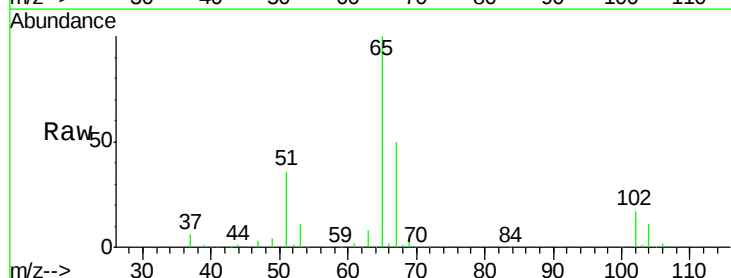
Acq: 24 Sep 2019 14:13

Tgt Ion: 65 Resp: 219485

Ion Ratio Lower Upper

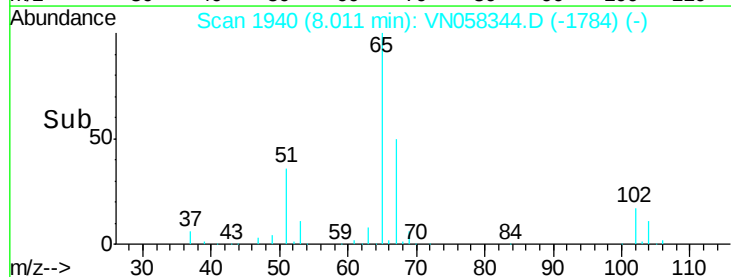
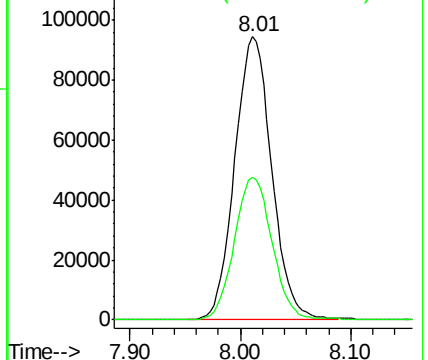
65 100

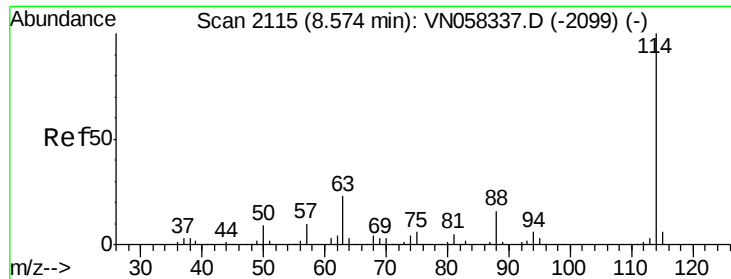
67 51.5 40.4 60.6



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: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058344.D

Acq: 24 Sep 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBL01

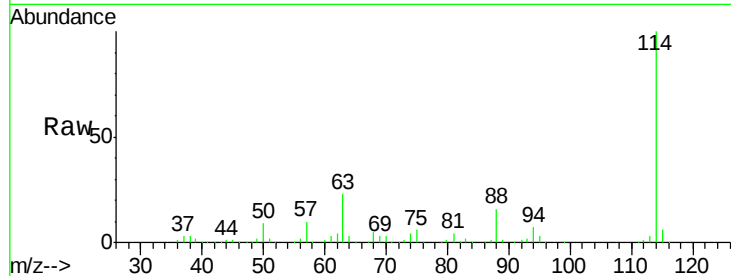
Tot Ion:114 Resp: 474657

Ion Ratio Lower Upper

114 100

63 22.5 17.8 26.8

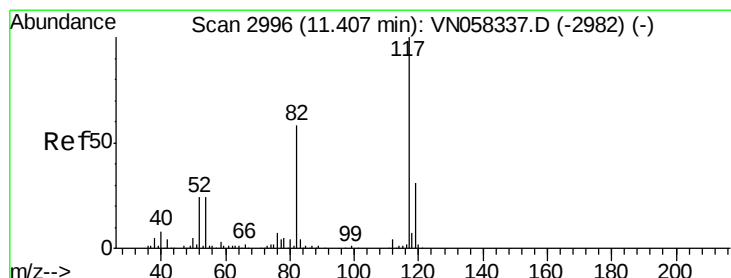
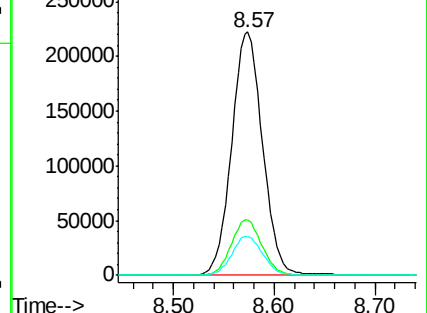
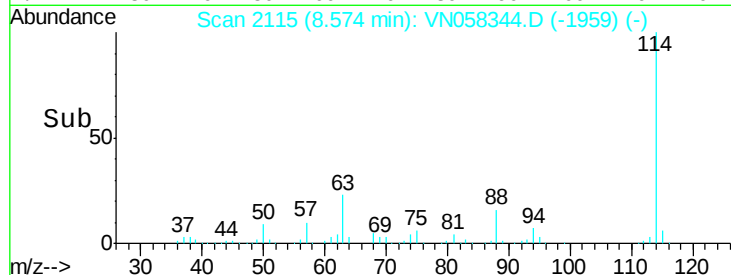
88 16.1 12.7 19.1



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 88.00 (87.70 to 88.70): VN0



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058344.D

Acq: 24 Sep 2019 14:13

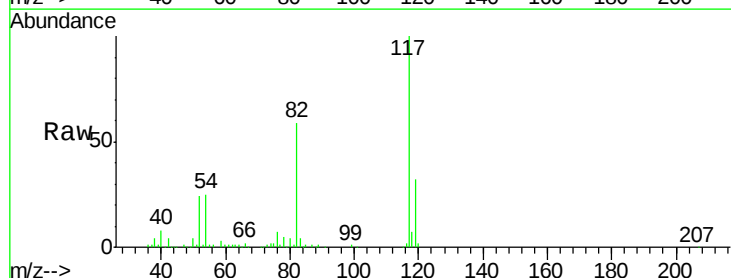
Tgt Ion:117 Resp: 396590

Ion Ratio Lower Upper

117 100

82 59.5 46.4 69.6

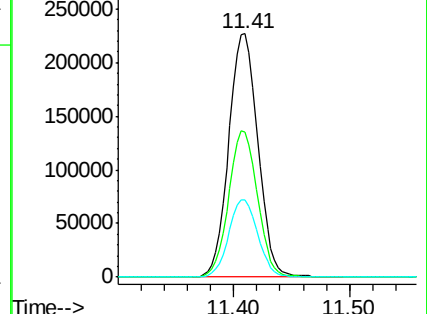
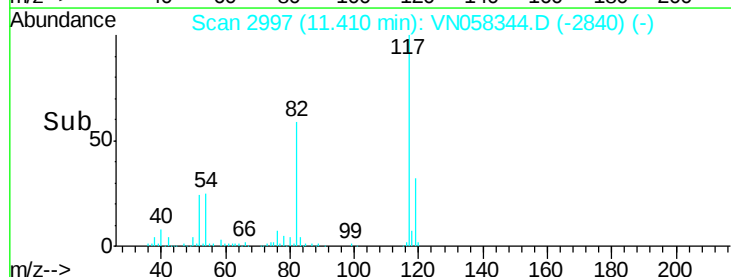
119 31.8 25.1 37.7

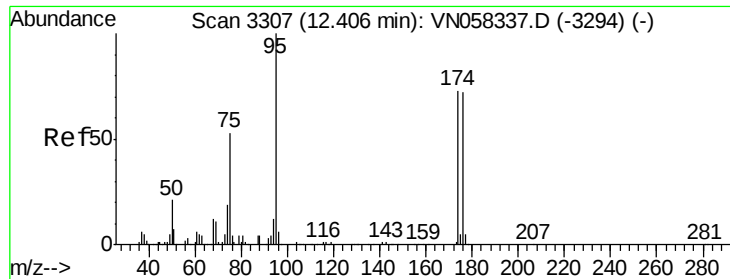


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 119.00 (118.70 to 119.70): V





#60

4-Bromofluorobenzene

Concen: 27.889 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058344.D

Acq: 24 Sep 2019 14:13

Instrument :

MSVOA_N

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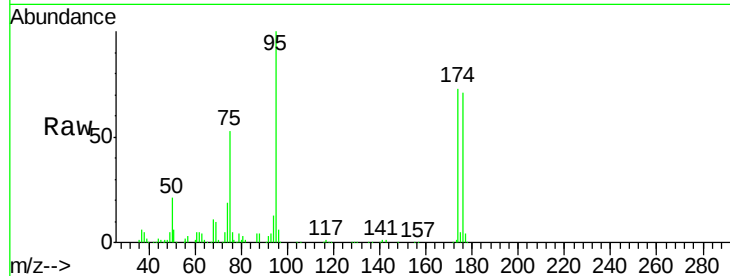
Tot Ion: 95 Resp: 191383

Ion Ratio Lower Upper

95 100

174 74.4 59.0 88.6

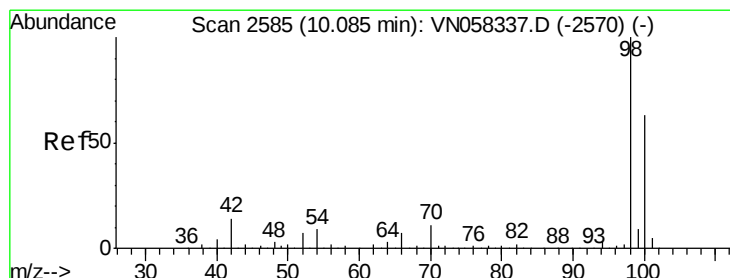
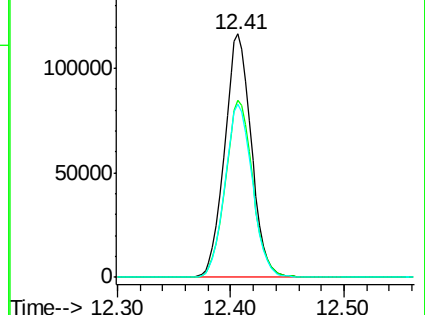
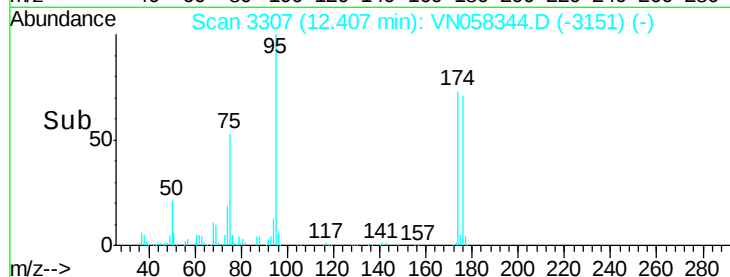
176 72.8 58.2 87.2



Abundance Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Toluene-d8

Concen: 31.163 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058344.D

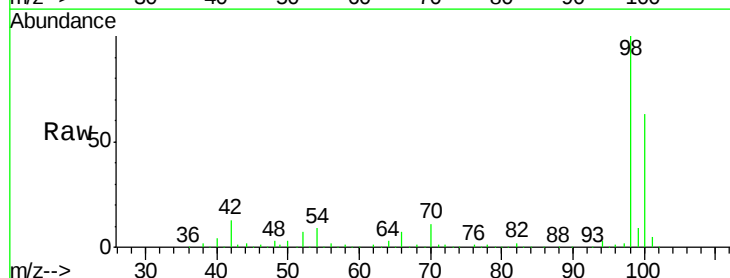
Acq: 24 Sep 2019 14:13

Tgt Ion: 98 Resp: 589815

Ion Ratio Lower Upper

98 100

100 63.3 50.2 75.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): V

