

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041919\
 Data File : VN055131.D
 Acq On : 19 Apr 2019 10:30
 Operator : JC/SP
 Sample : VN0419WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0419WBL01

Quant Time: Apr 19 10:54:03 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	7.19	128	70845	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	379888	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	311060	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	169679	31.42	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.73%
60) 4-Bromofluorobenzene	12.40	95	113803	23.50	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	78.33%
63) Toluene-d8	10.09	98	460256	31.12	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.73%

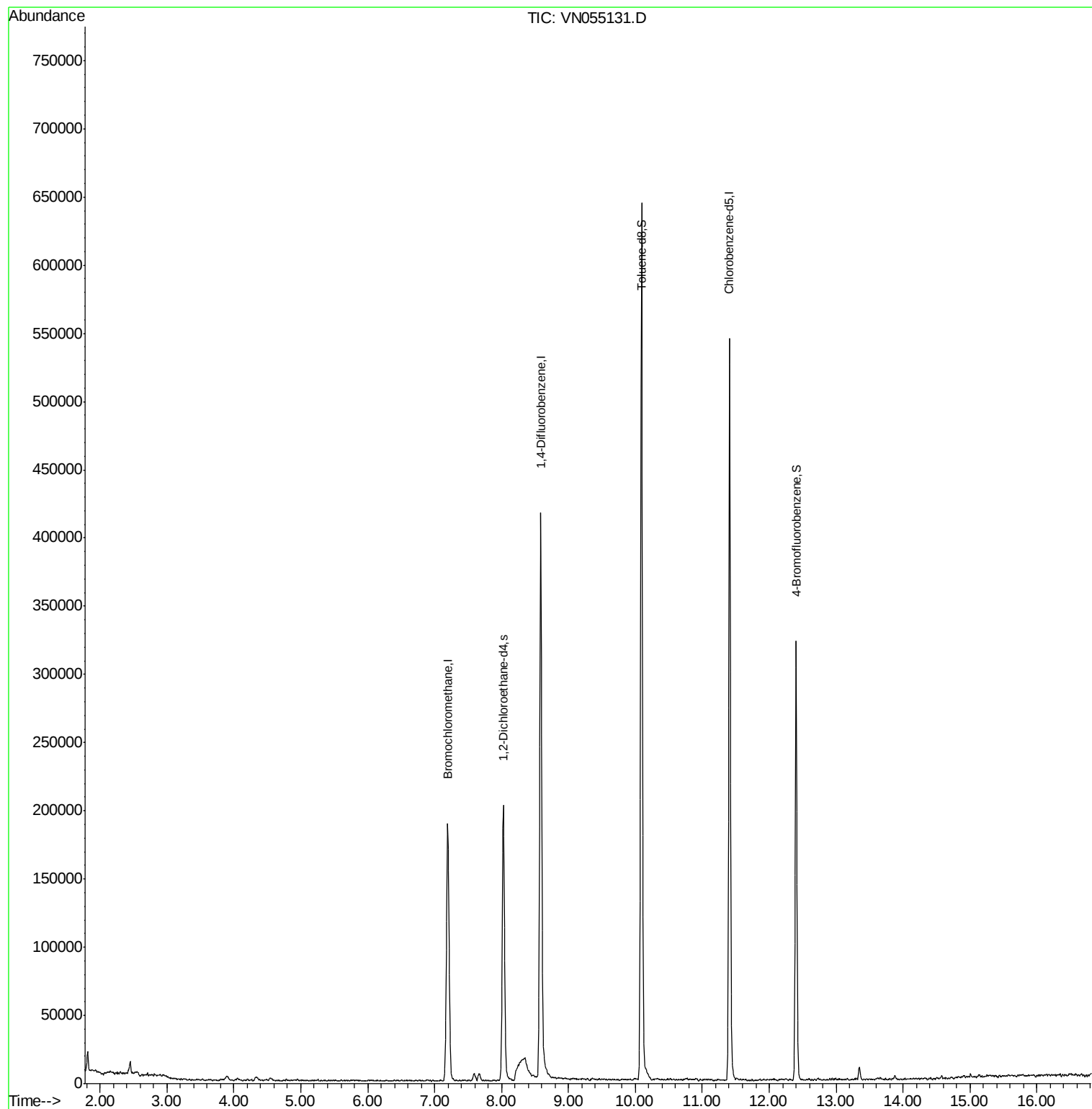
Target Compounds	Ovalue

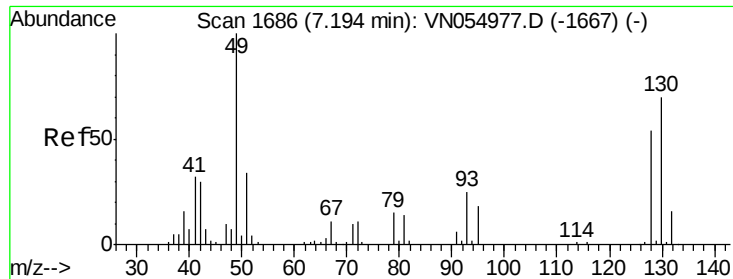
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041919\
Data File : VN055131.D
Acq On : 19 Apr 2019 10:30
Operator : JC/SP
Sample : VN0419WBL01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBL01

Quant Time: Apr 19 10:54:03 2019
Quant Method : Z:\V0ASRV\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





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN055131.D

Acq: 19 Apr 2019 10:30

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBL01

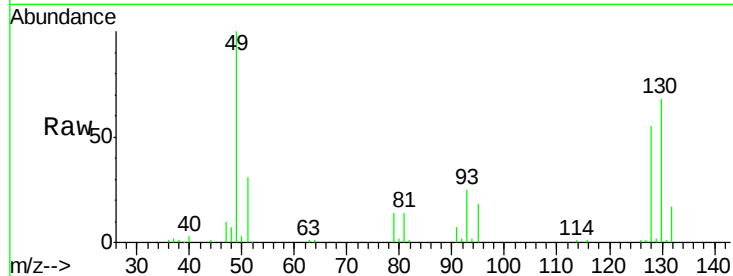
Tot Ion:128 Resp: 70845

Ion Ratio Lower Upper

128 100

49 187.8 0.0 480.3

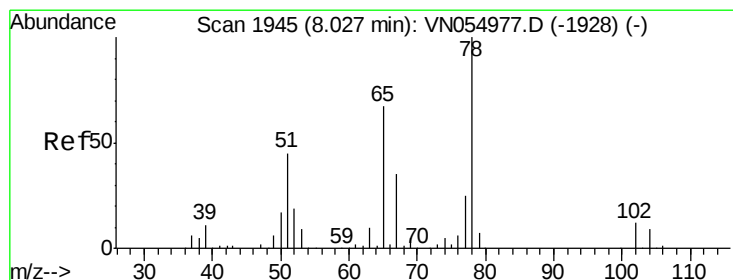
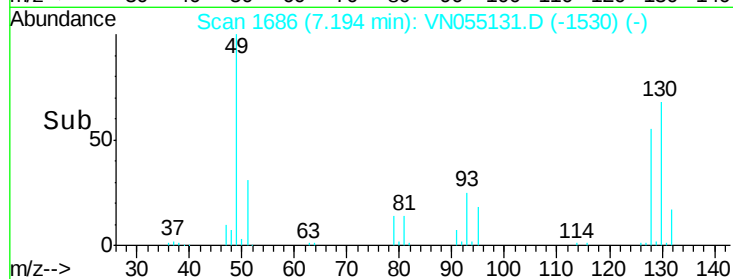
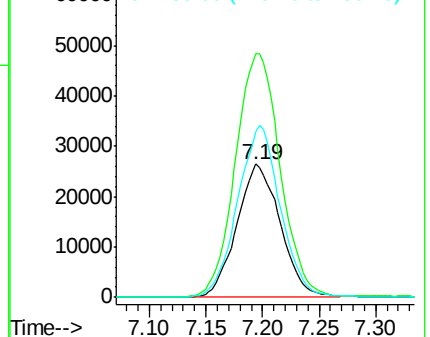
130 126.5 0.0 322.2



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: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055131.D

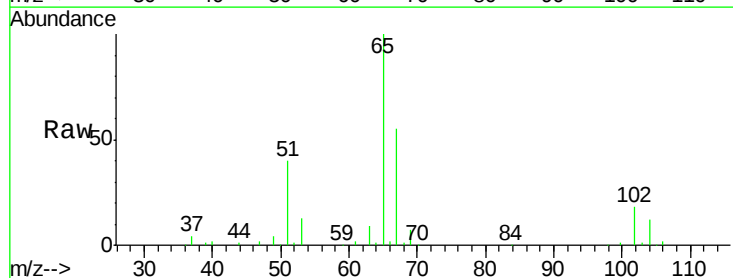
Acq: 19 Apr 2019 10:30

Tgt Ion: 65 Resp: 169679

Ion Ratio Lower Upper

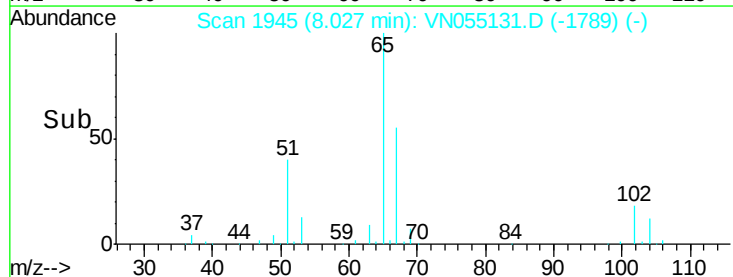
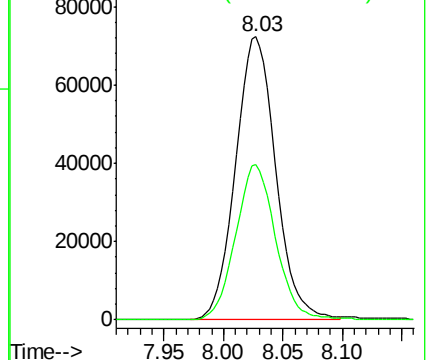
65 100

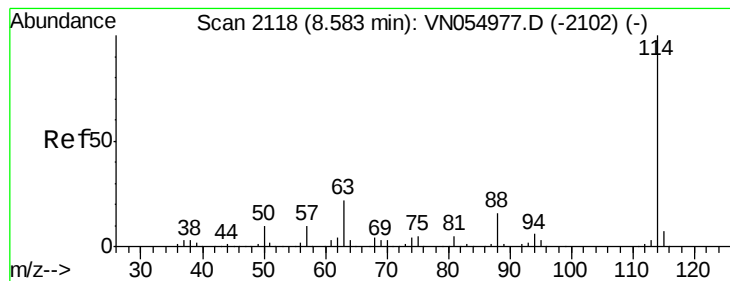
67 54.4 41.8 62.8



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: VN055131.D

Acq: 19 Apr 2019 10:30

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBL01

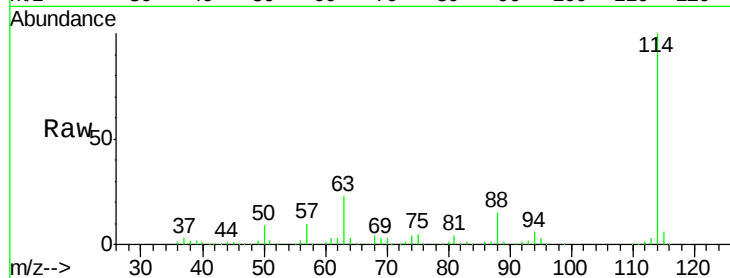
Tot Ion:114 Resp: 379888

Ion Ratio Lower Upper

114 100

63 22.9 17.0 25.4

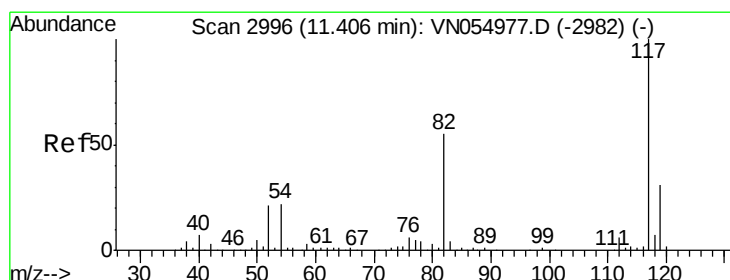
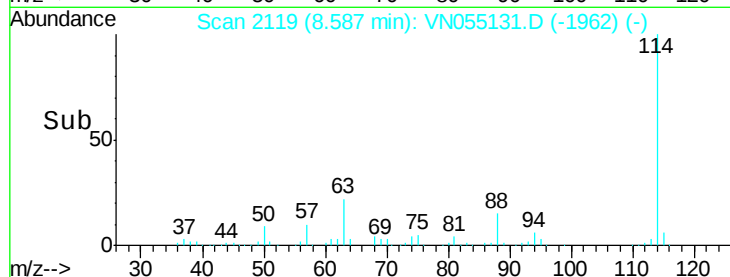
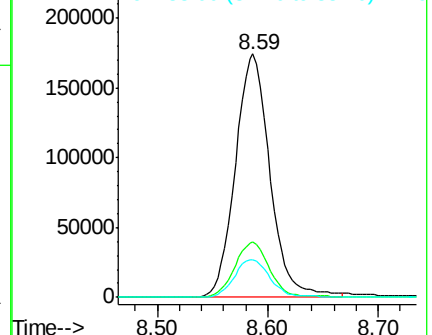
88 15.8 12.3 18.5



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# 2996

Delta R.T. 0.00 min

Lab File: VN055131.D

Acq: 19 Apr 2019 10:30

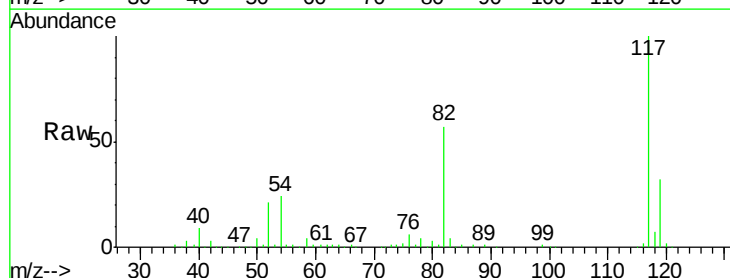
Tgt Ion:117 Resp: 311060

Ion Ratio Lower Upper

117 100

82 56.0 45.2 67.8

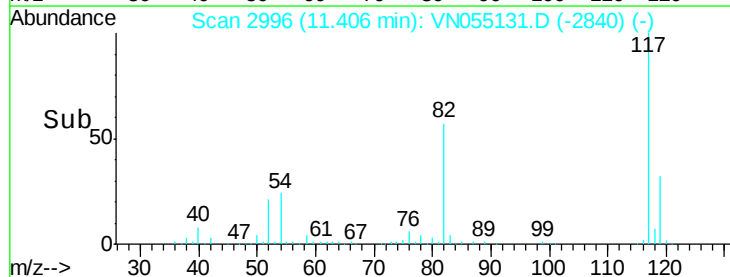
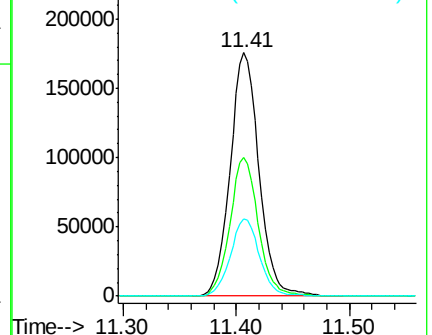
119 32.2 25.4 38.2

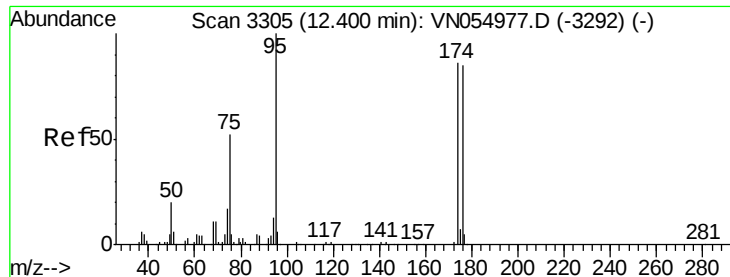


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 119.00 (118.70 to 119.70): V





#60

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055131.D

Acq: 19 Apr 2019 10:30

Instrument :

MSVOA_N

ClientSampled :

VN0419WBL01

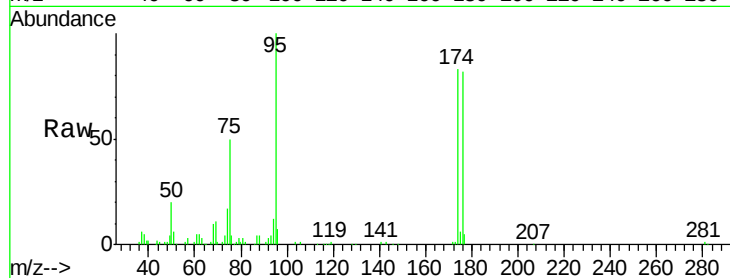
Tot Ion: 95 Resp: 113803

Ion Ratio Lower Upper

95 100

174 83.5 69.4 104.2

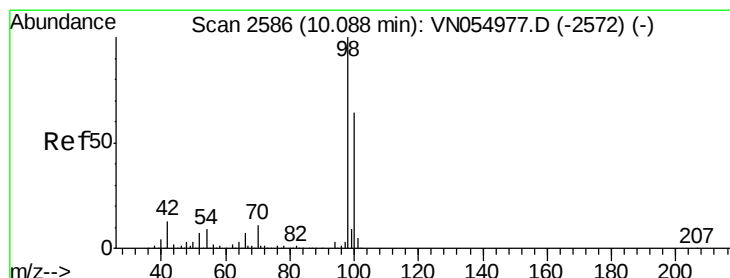
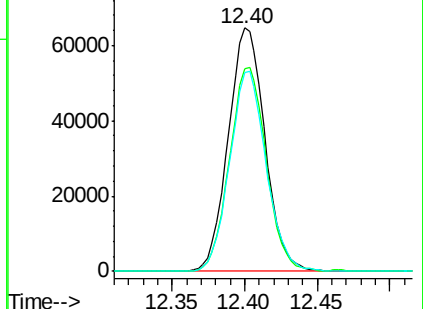
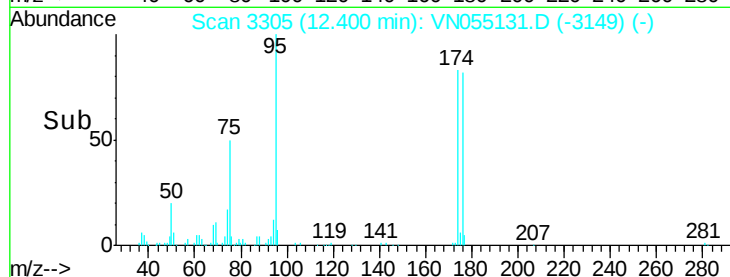
176 81.7 67.4 101.2



Abundance Ion 95.00 (94.70 to 95.70): VN055131.D (-3149) (-)

Ion 174.00 (173.70 to 174.70): VN055131.D (-3149) (-)

Ion 176.00 (175.70 to 176.70): VN055131.D (-3149) (-)



#63

Toluene-d8

Concen: Below ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055131.D

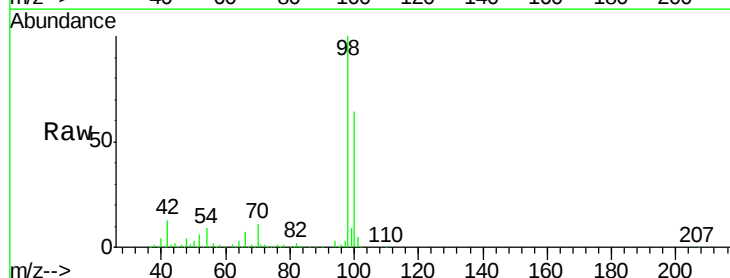
Acq: 19 Apr 2019 10:30

Tgt Ion: 98 Resp: 460256

Ion Ratio Lower Upper

98 100

100 63.9 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN055131.D (-2430) (-)

Ion 100.00 (99.70 to 100.70): VN055131.D (-2430) (-)

