

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110718\
 Data File : VN052199.D
 Acq On : 7 Nov 2018 10:49
 Operator : MD\SY
 Sample : VN1107WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107WBL02

Quant Time: Nov 07 11:10:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 02 05:39:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	62708	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	355159	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	304389	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.02	65	136387	29.30	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.67%
60) 4-Bromofluorobenzene	12.40	95	124239	25.51	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	85.03%
63) Toluene-d8	10.09	98	428954	29.97	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.90%

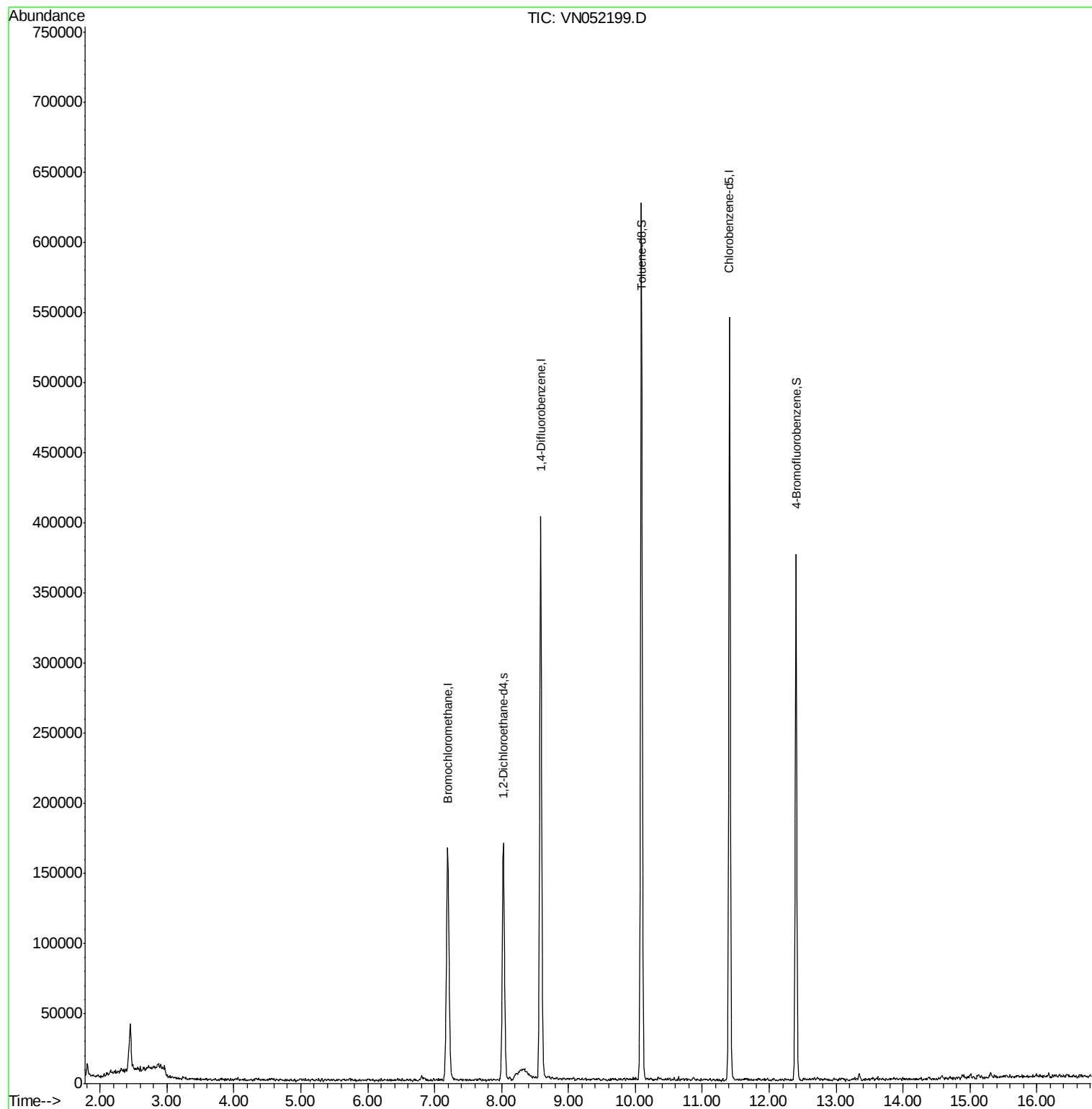
Target Compounds	Ovalue

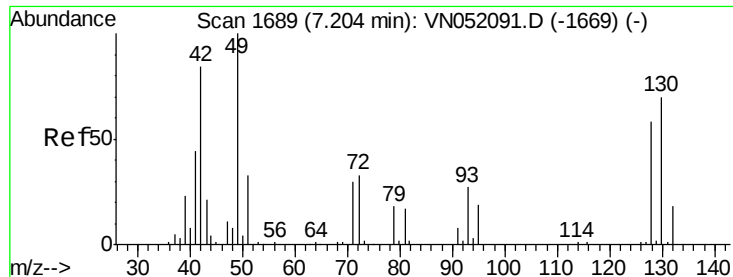
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 02 05:39:38 2018
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.01 min

Lab File: VN052199.D

Acq: 7 Nov 2018 10:49

Instrument :

MSVOA_N

ClientSampled :

VN1107WBL02

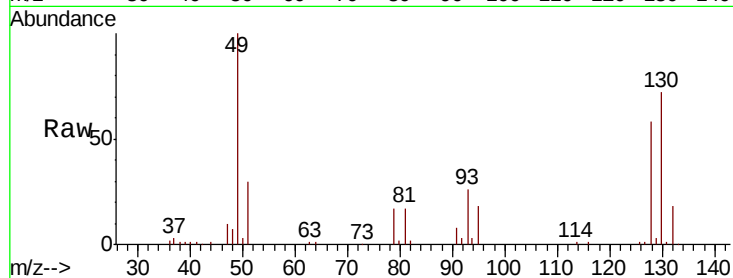
Tot Ion:128 Resp: 62708

Ion Ratio Lower Upper

128 100

49 171.1 0.0 453.7

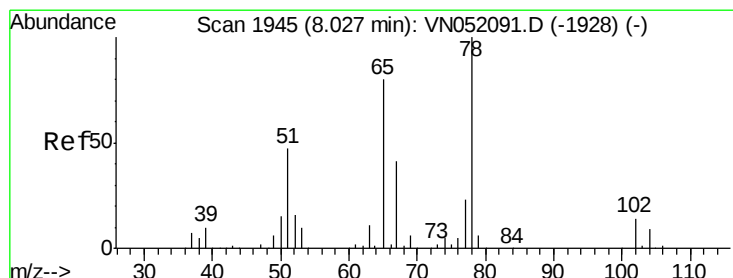
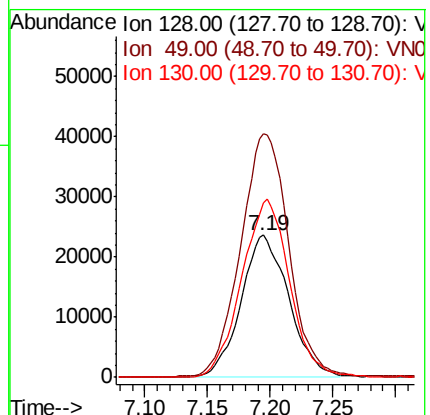
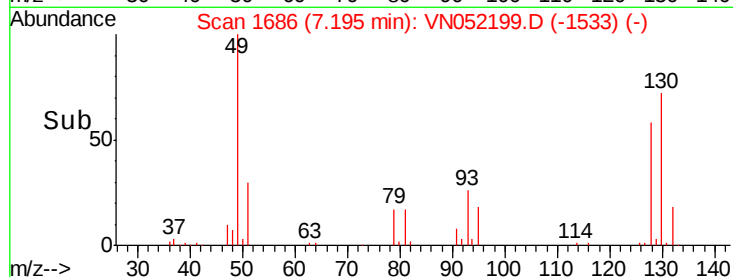
130 125.5 0.0 308.8



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: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN052199.D

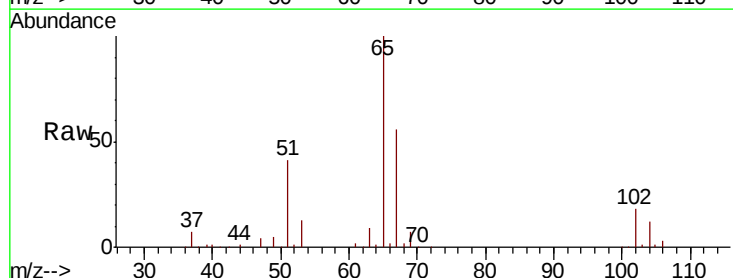
Acq: 7 Nov 2018 10:49

Tgt Ion: 65 Resp: 136387

Ion Ratio Lower Upper

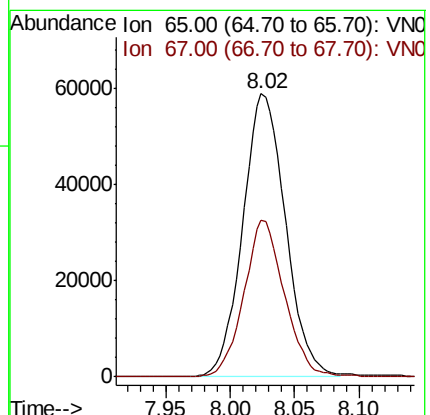
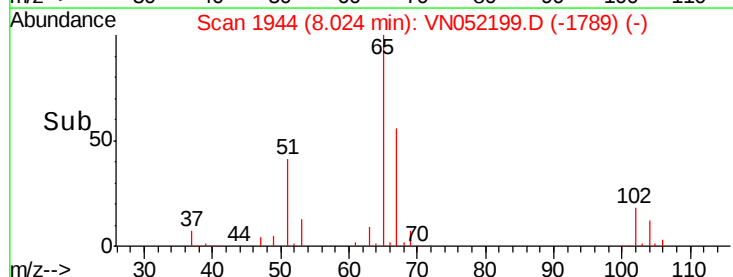
65 100

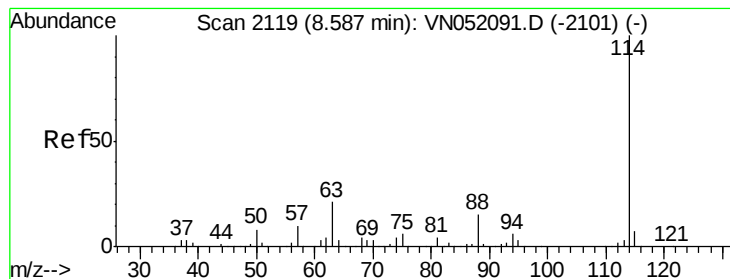
67 52.5 42.6 64.0



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: VN052199.D

Acq: 7 Nov 2018 10:49

Instrument :

MSVOA_N

ClientSampleId :

VN1107WBL02

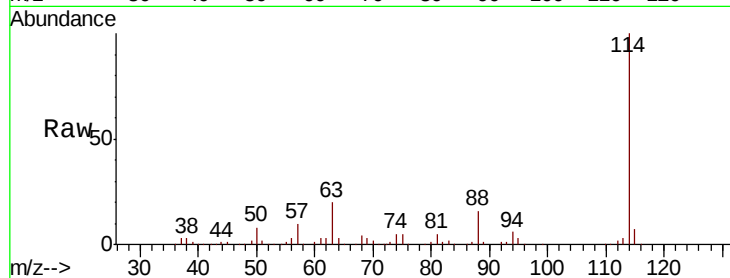
Tot Ion:114 Resp: 355159

Ion Ratio Lower Upper

114 100

63 20.3 17.5 26.3

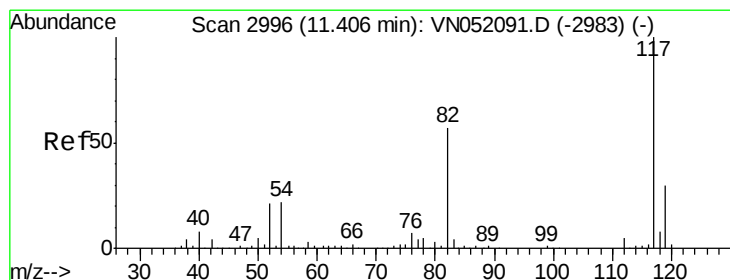
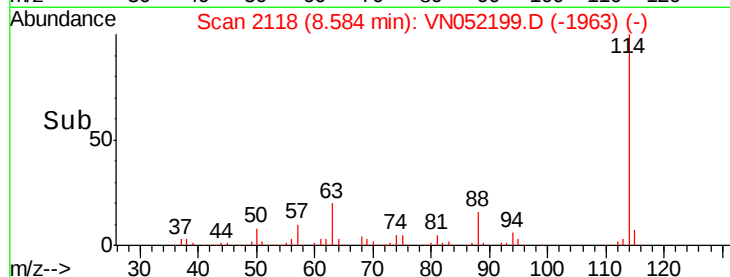
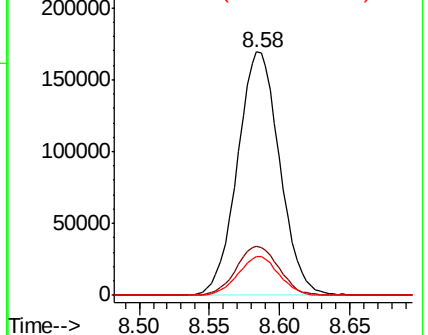
88 15.3 12.6 18.8



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: VN052199.D

Acq: 7 Nov 2018 10:49

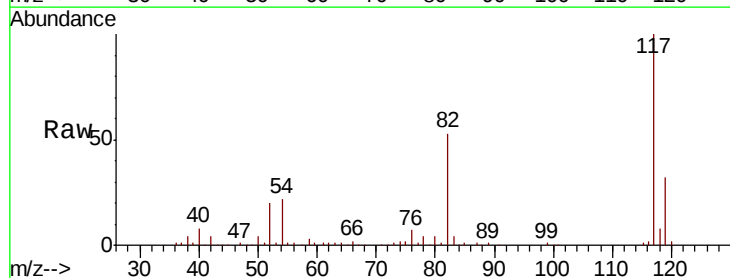
Tgt Ion:117 Resp: 304389

Ion Ratio Lower Upper

117 100

82 54.1 45.0 67.6

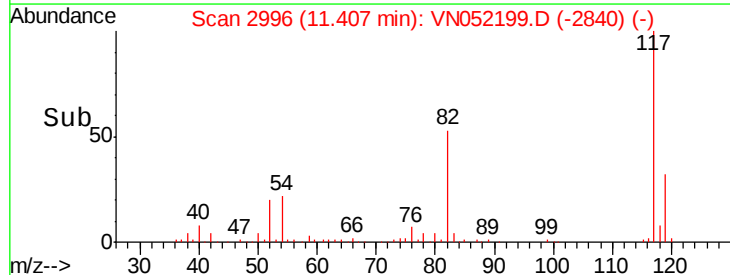
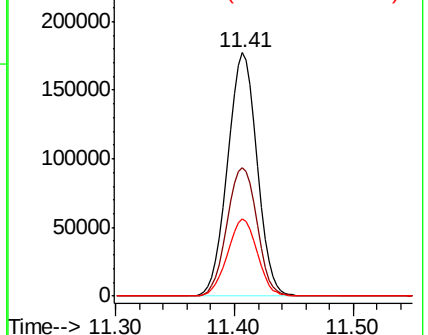
119 32.0 24.2 36.4

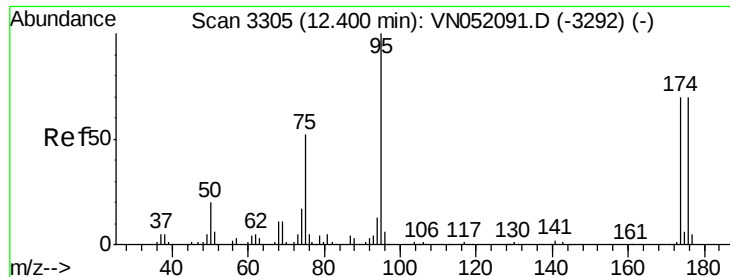


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 119.00 (118.70 to 119.70): V

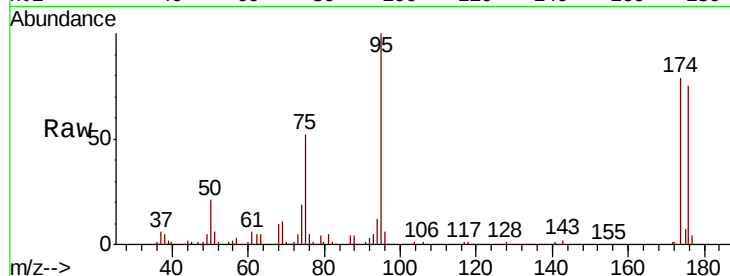




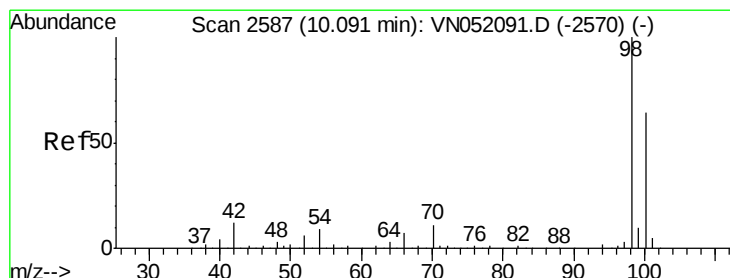
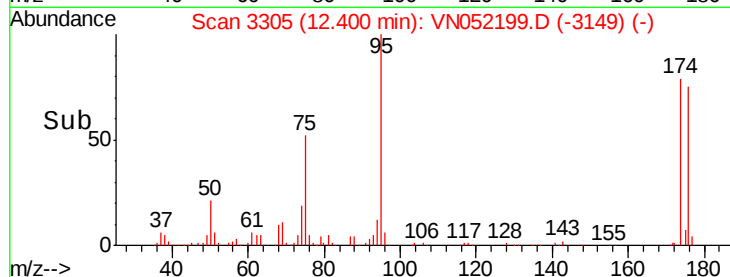
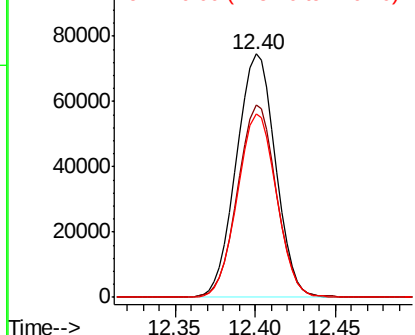
#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052199.D
Acq: 7 Nov 2018 10:49

Instrument :
MSVOA_N
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VN1107WBL02

Tot Ion: 95 Resp: 124239
Ion Ratio Lower Upper
95 100
174 78.3 55.0 82.6
176 75.3 54.2 81.4

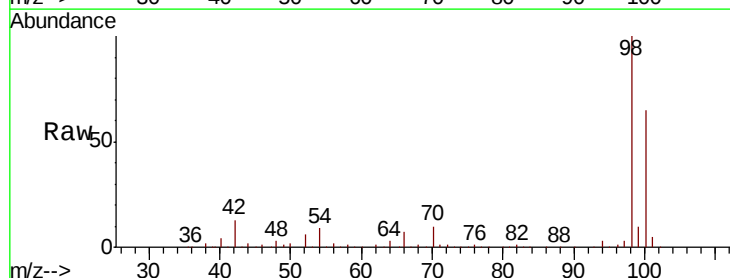


Abundance Ion 95.00 (94.70 to 95.70): VN0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V



#63
Toluene-d8
Concen: Below ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN052199.D
Acq: 7 Nov 2018 10:49

Tgt Ion: 98 Resp: 428954
Ion Ratio Lower Upper
98 100
100 64.1 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): V

