

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100920\
 Data File : VN064036.D
 Acq On : 9 Oct 2020 14:27
 Operator : JC/MD
 Sample : L4301-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Oct 10 01:51:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N100620W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 06 16:42:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	42311	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	216414	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	195324	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.99	65	114892	30.24	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.80%
60) 4-Bromofluorobenzene	12.38	95	80294	24.04	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	80.13%
63) Toluene-d8	10.06	98	263728	29.79	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.30%

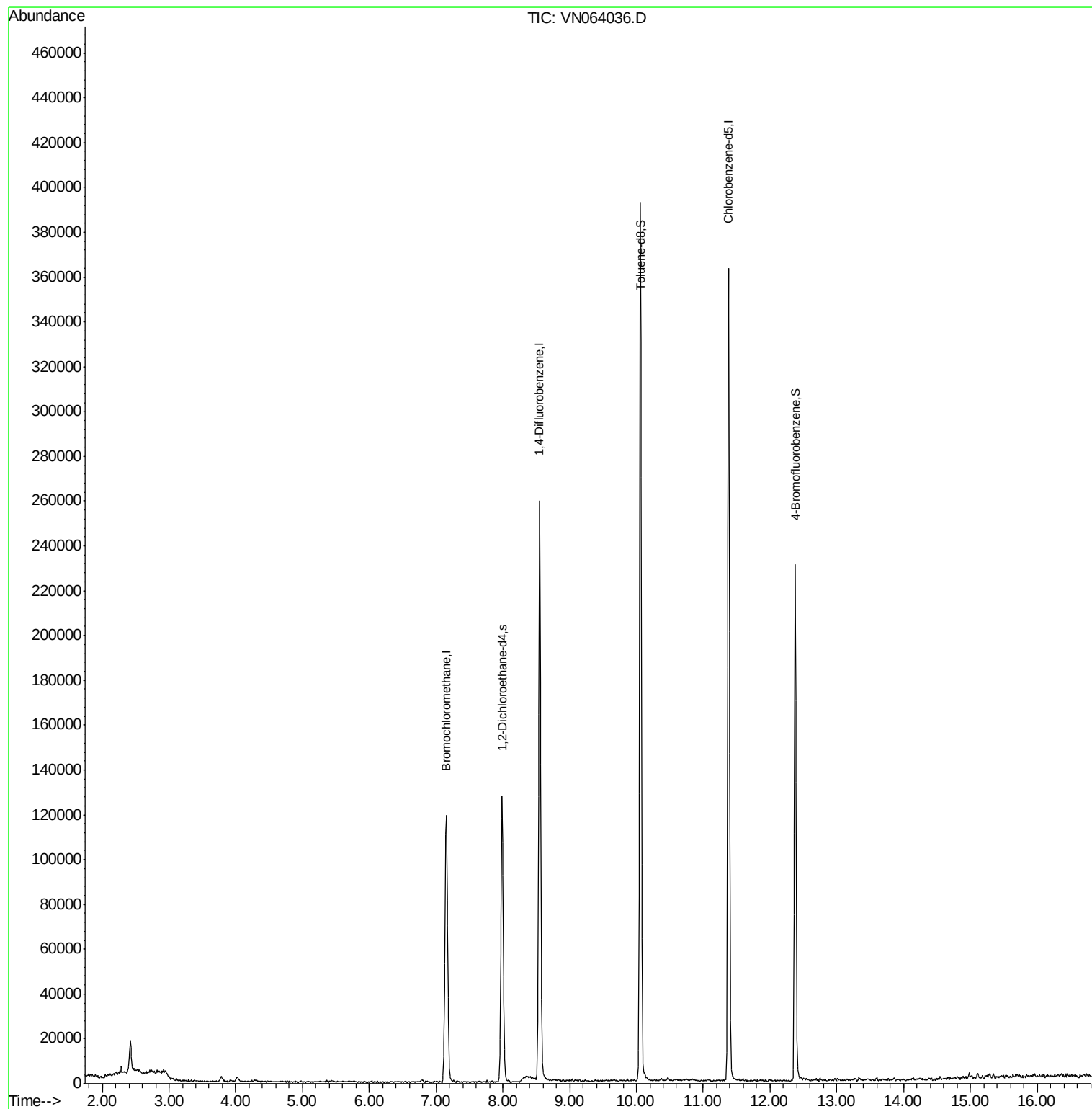
Target Compounds	Ovalue

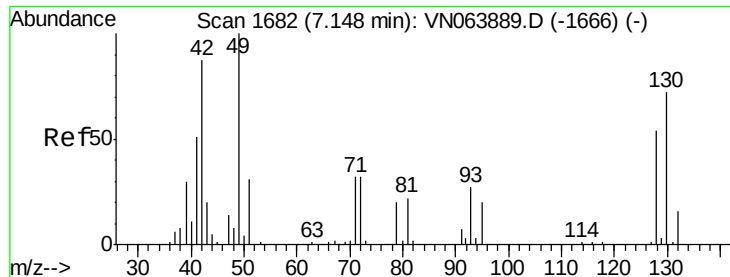
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 06 16:42:38 2020
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VN064036.D

Acq: 9 Oct 2020 14:27

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

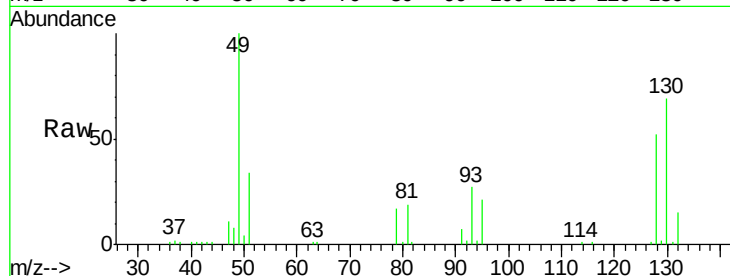
Tot Ion:128 Resp: 42311

Ion Ratio Lower Upper

128 100

49 197.0 0.0 437.5

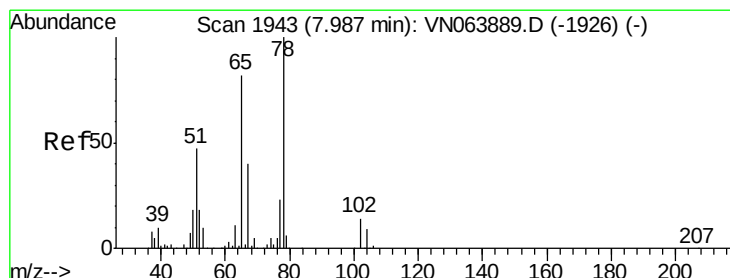
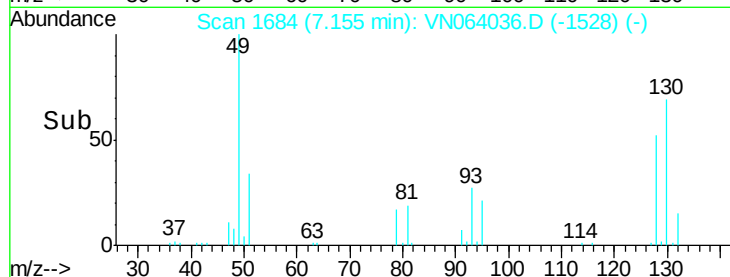
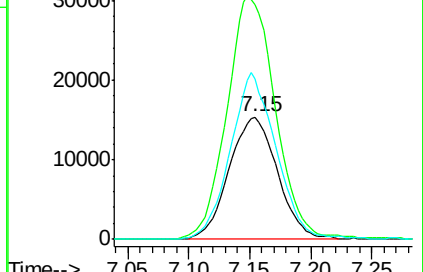
130 127.3 0.0 327.3



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: 30.235 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064036.D

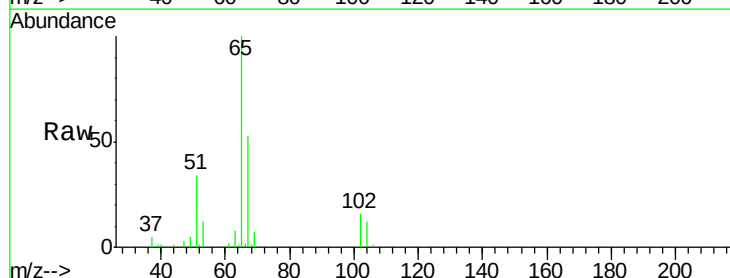
Acq: 9 Oct 2020 14:27

Tgt Ion: 65 Resp: 114892

Ion Ratio Lower Upper

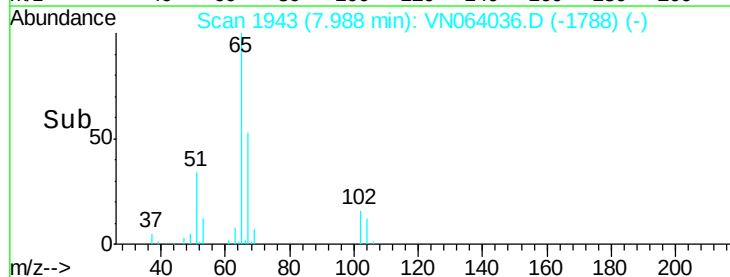
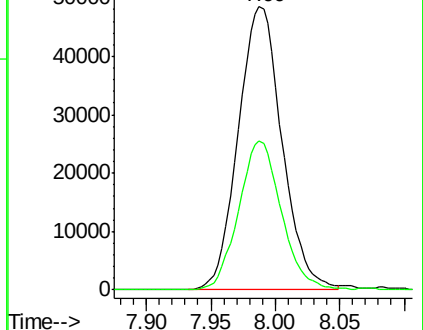
65 100

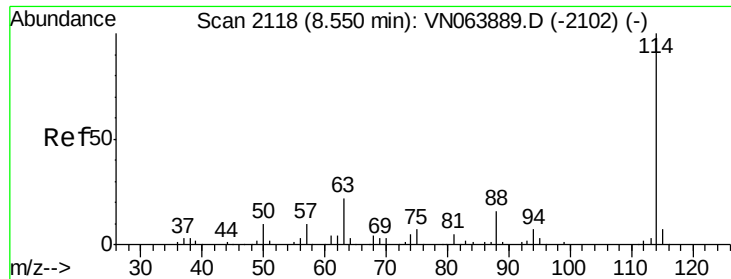
67 51.1 43.8 65.6



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

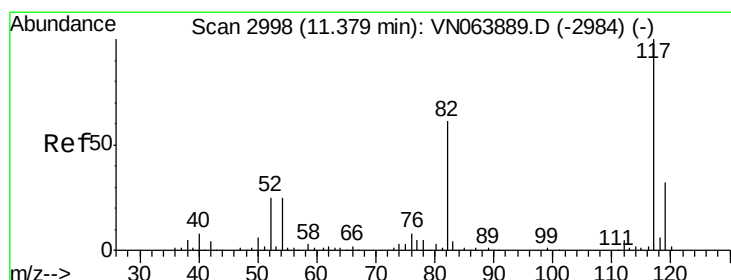
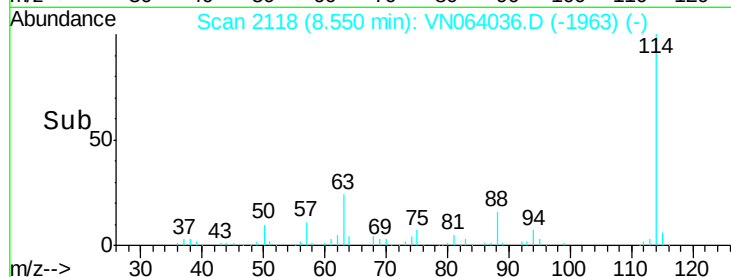
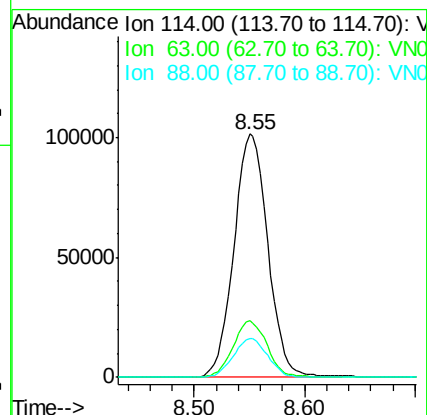
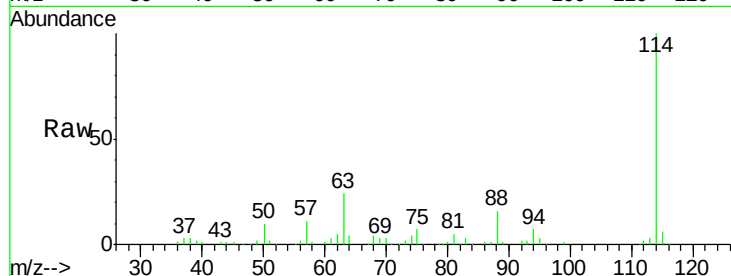




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064036.D
 Acq: 9 Oct 2020 14:27

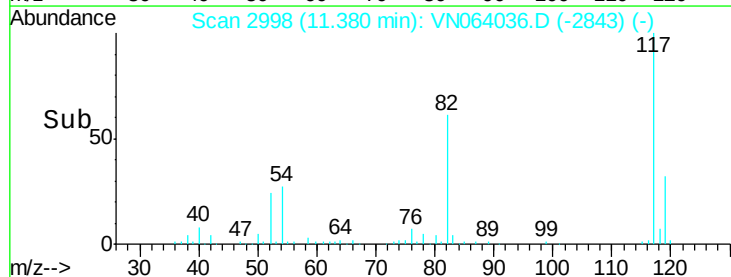
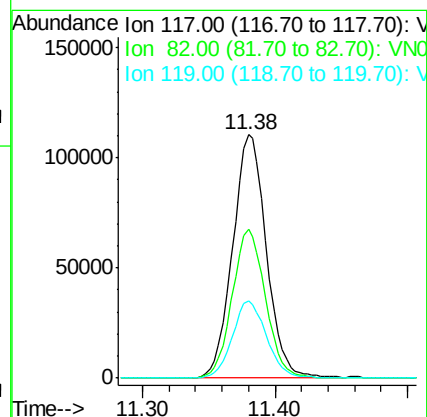
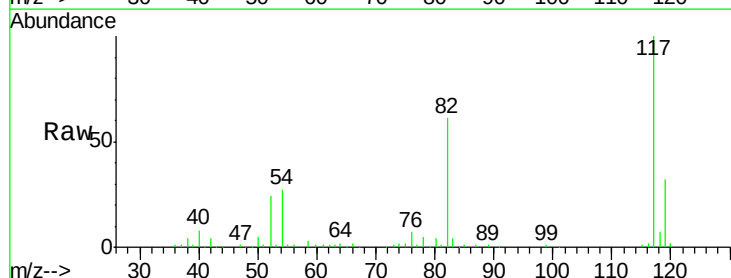
Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

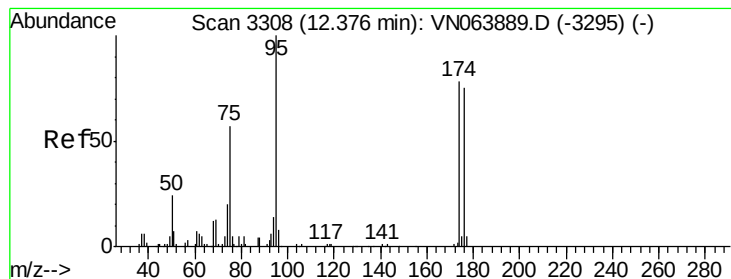
Tot Ion:114 Resp: 216414
 Ion Ratio Lower Upper
 114 100
 63 23.2 17.0 25.6
 88 16.2 12.6 18.8



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.38 min Scan# 2998
 Delta R.T. -0.00 min
 Lab File: VN064036.D
 Acq: 9 Oct 2020 14:27

Tgt Ion:117 Resp: 195324
 Ion Ratio Lower Upper
 117 100
 82 60.2 44.9 67.3
 119 32.0 26.0 39.0





#60

4-Bromofluorobenzene

Concen: 24.038 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN064036.D

Acq: 9 Oct 2020 14:27

Instrument :

MSVOA_N

ClientSampled :

TRIP-BLANK

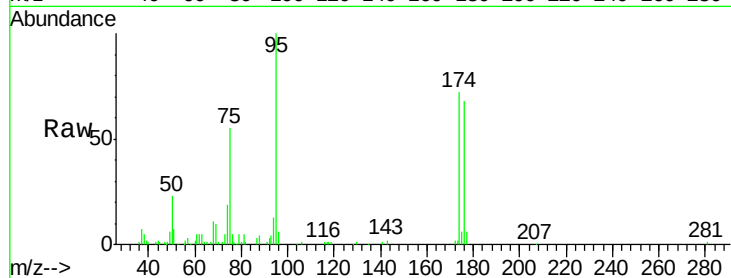
Tot Ion: 95 Resp: 80294

Ion Ratio Lower Upper

95 100

174 73.9 70.1 105.1

176 69.2 66.8 100.2

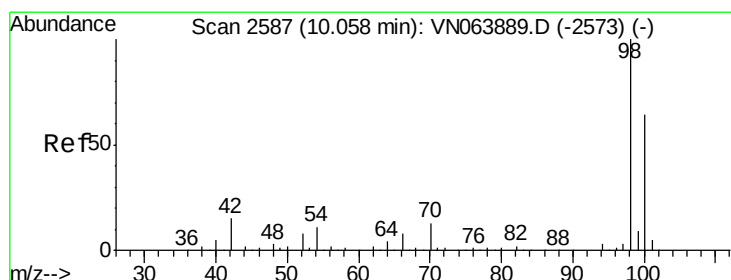
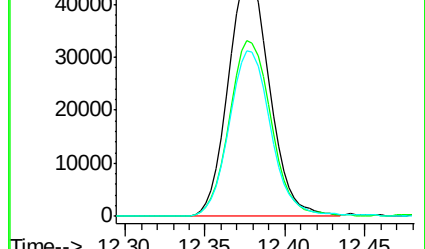
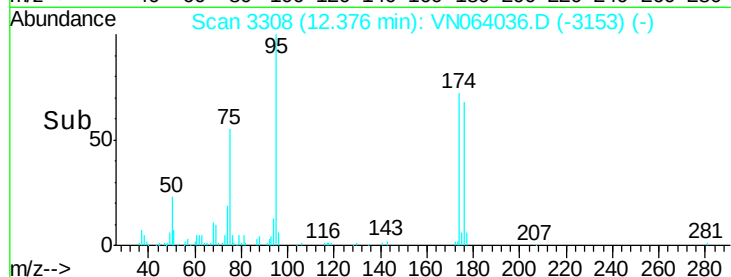


Abundance Ion 95.00 (94.70 to 95.70): VN064036.D (-2432) (-)

Ion 174.00 (173.70 to 174.70): VN064036.D (-2432) (-)

Ion 176.00 (175.70 to 176.70): VN064036.D (-2432) (-)

Time-->



#63

Toluene-d8

Concen: 29.793 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064036.D

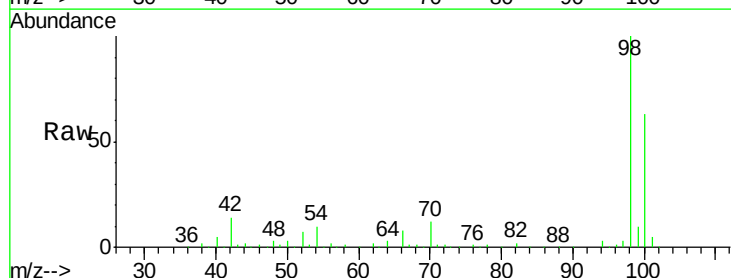
Acq: 9 Oct 2020 14:27

Tgt Ion: 98 Resp: 263728

Ion Ratio Lower Upper

98 100

100 64.0 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN064036.D (-2432) (-)

Ion 100.00 (99.70 to 100.70): VN064036.D (-2432) (-)

Time-->

