

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100620\
 Data File : VN063894.D
 Acq On : 6 Oct 2020 15:10
 Operator : JC/MD
 Sample : VN1006WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBL01

Quant Time: Oct 06 16:48:02 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	57374	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	304293	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	270999	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.98	65	156423	30.36	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.20%
60) 4-Bromofluorobenzene	12.38	95	117377	25.33	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	84.43%
63) Toluene-d8	10.06	98	363852	29.63	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.77%

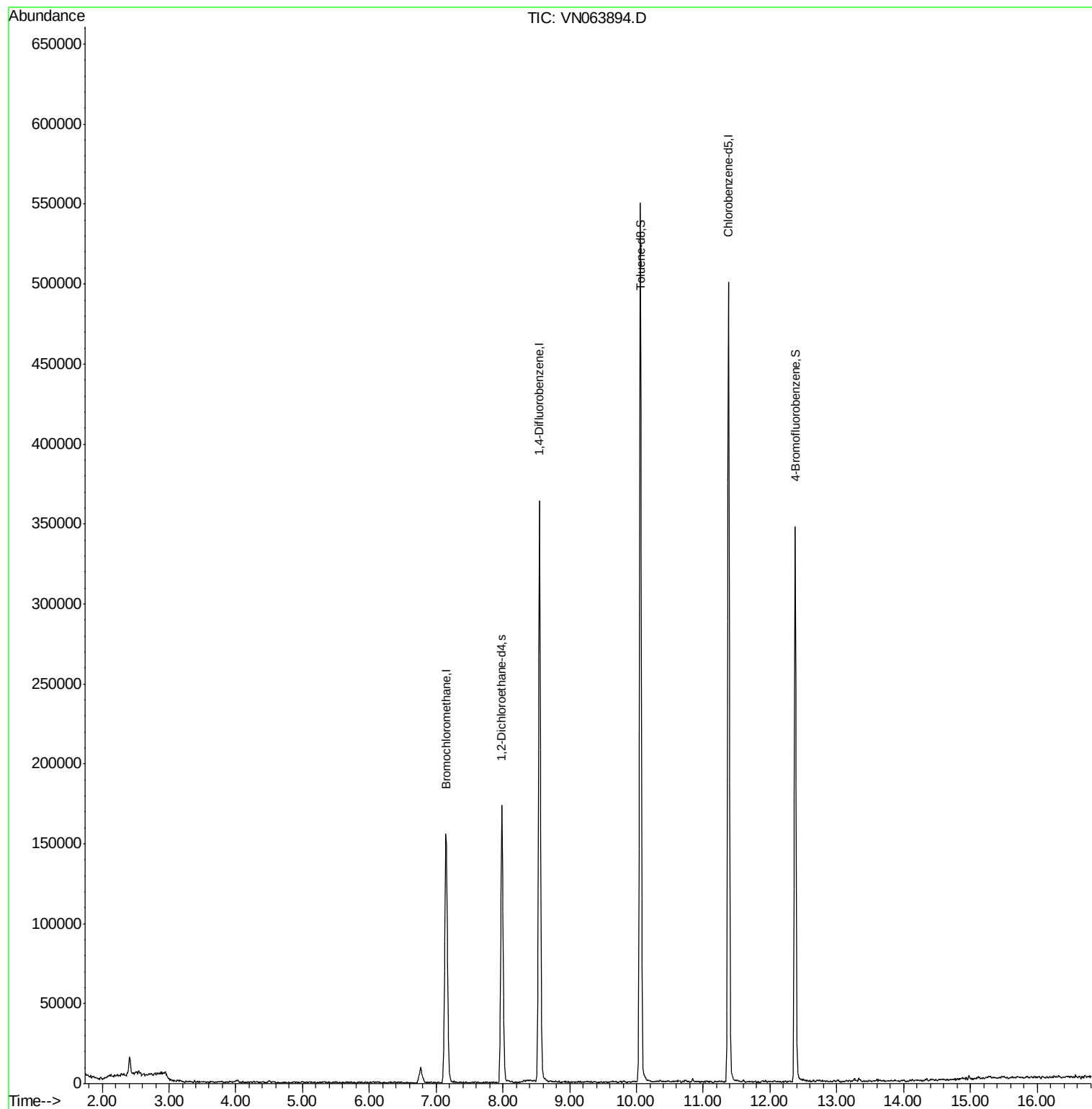
Target Compounds	Ovalue

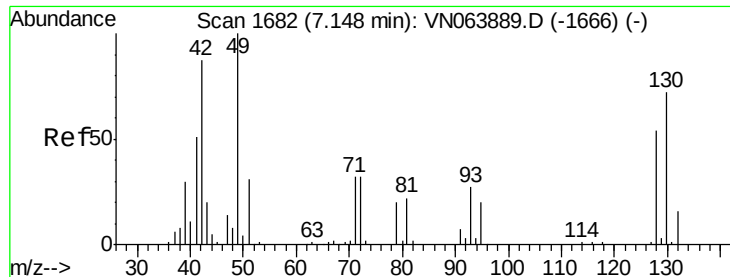
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1683

Delta R.T. -0.00 min

Lab File: VN063894.D

Acq: 6 Oct 2020 15:10

Instrument :

MSVOA_N

ClientSampled :

VN1006WBL01

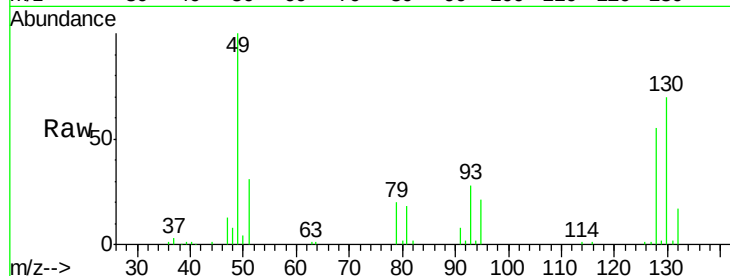
Tot Ion:128 Resp: 57374

Ion Ratio Lower Upper

128 100

49 182.0 0.0 437.5

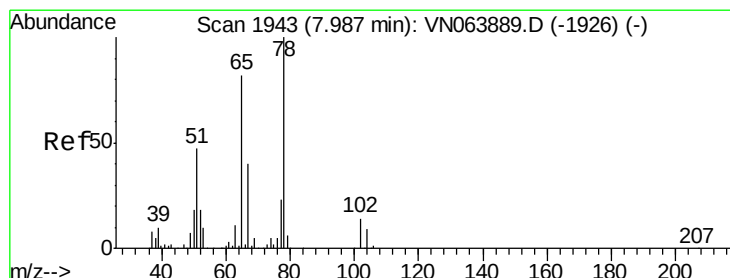
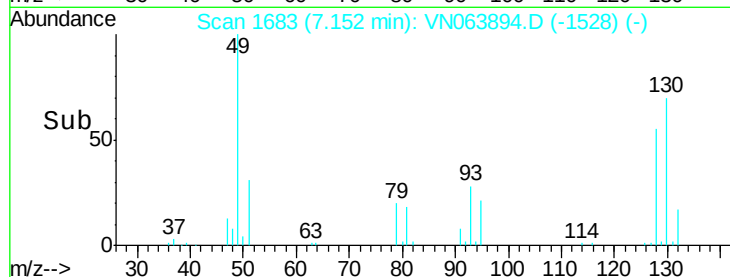
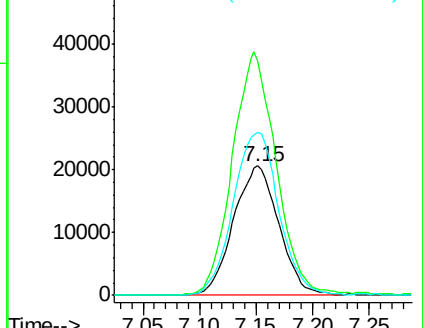
130 127.5 0.0 327.3



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: 30.357 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN063894.D

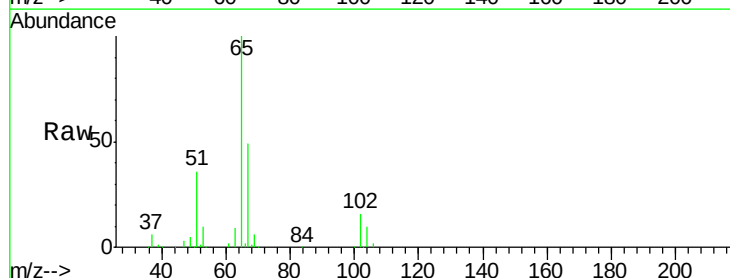
Acq: 6 Oct 2020 15:10

Tgt Ion: 65 Resp: 156423

Ion Ratio Lower Upper

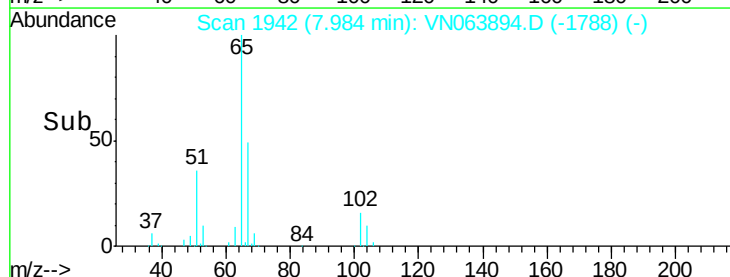
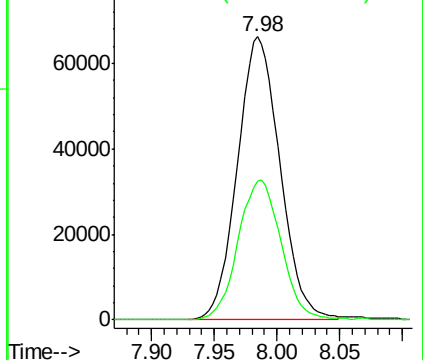
65 100

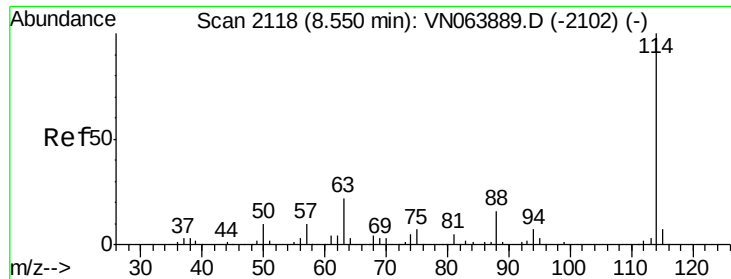
67 49.9 43.8 65.6



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

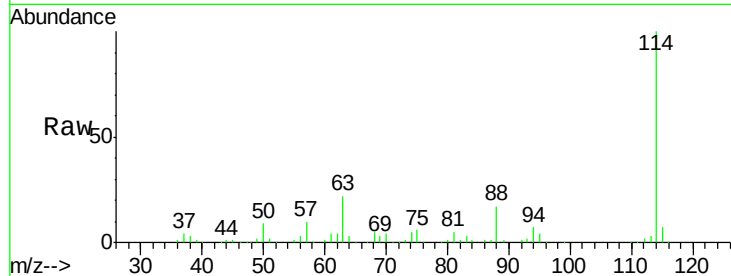




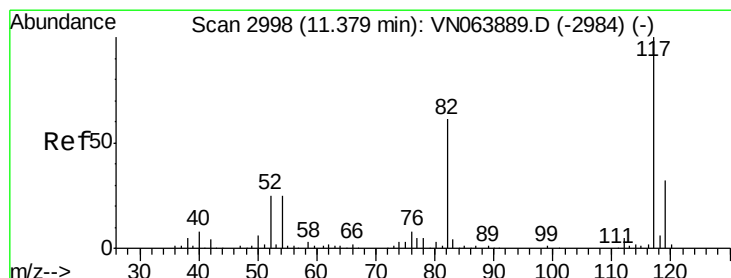
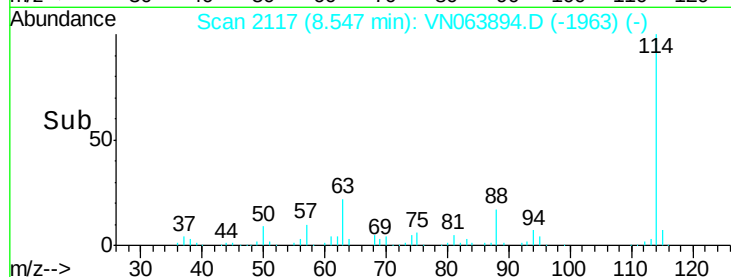
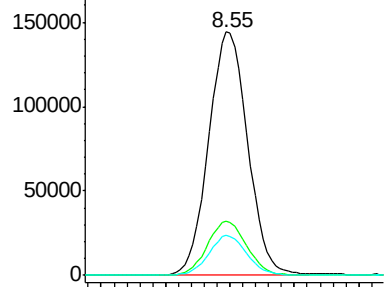
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.55 min Scan# 2117
Delta R.T. -0.00 min
Lab File: VN063894.D
Acq: 6 Oct 2020 15:10

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBL01

Tot Ion:114 Resp: 304293
Ion Ratio Lower Upper
114 100
63 22.2 17.0 25.6
88 16.1 12.6 18.8

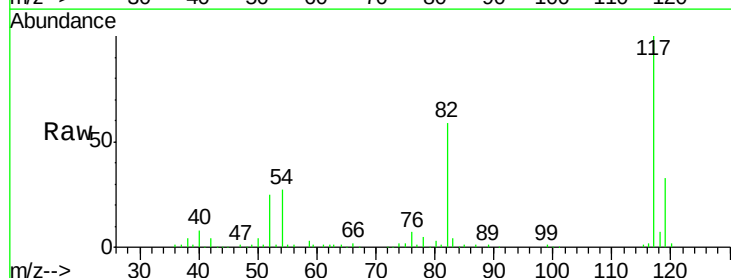


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 63.00 (62.70 to 63.70): V
Ion 88.00 (87.70 to 88.70): V

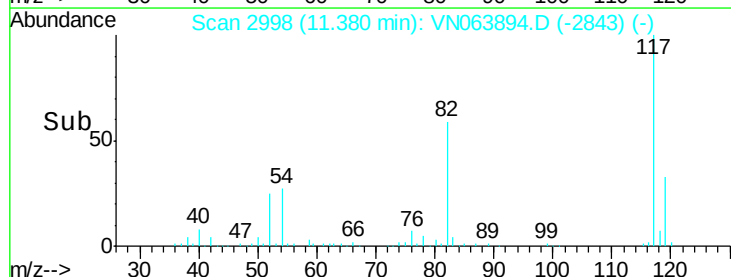
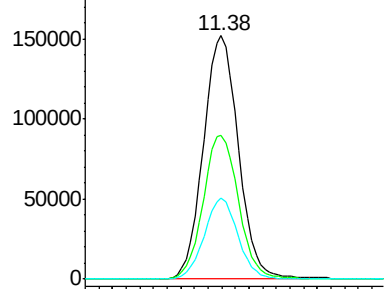


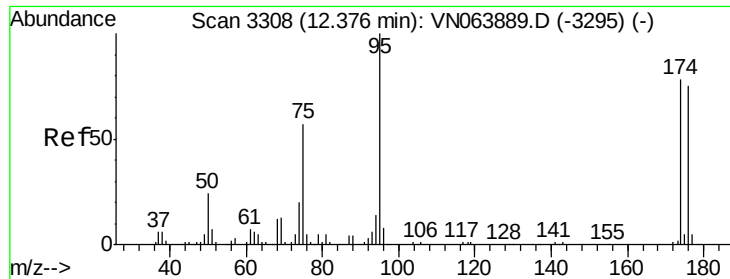
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063894.D
Acq: 6 Oct 2020 15:10

Tgt Ion:117 Resp: 270999
Ion Ratio Lower Upper
117 100
82 59.8 44.9 67.3
119 32.1 26.0 39.0



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V





#60

4-Bromofluorobenzene

Concen: 25.327 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063894.D

Acq: 6 Oct 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBL01

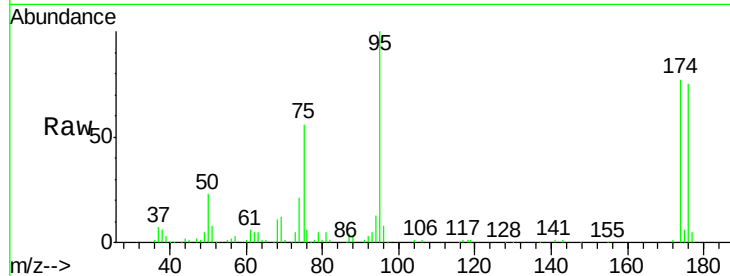
Tot Ion: 95 Resp: 117377

Ion Ratio Lower Upper

95 100

174 77.5 70.1 105.1

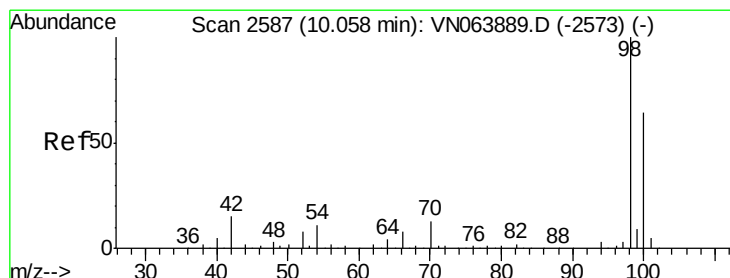
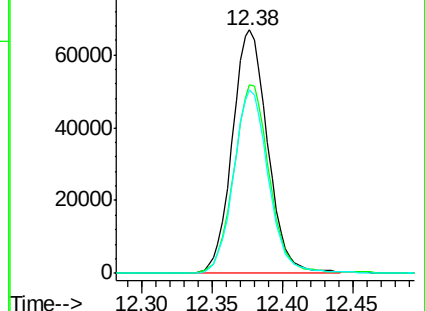
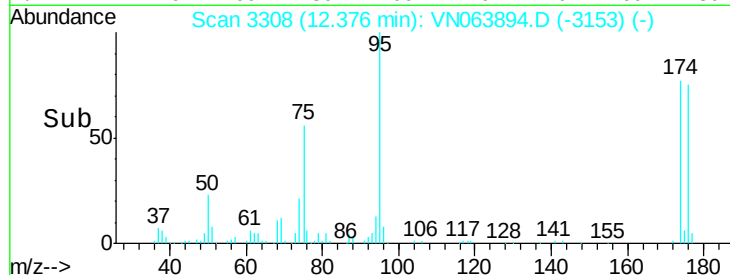
176 73.8 66.8 100.2



Abundance Ion 95.00 (94.70 to 95.70): VN063889.D (-3295) (-)

Ion 174.00 (173.70 to 174.70): VN063889.D (-3295) (-)

Ion 176.00 (175.70 to 176.70): VN063889.D (-3295) (-)



#63

Toluene-d8

Concen: 29.626 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063894.D

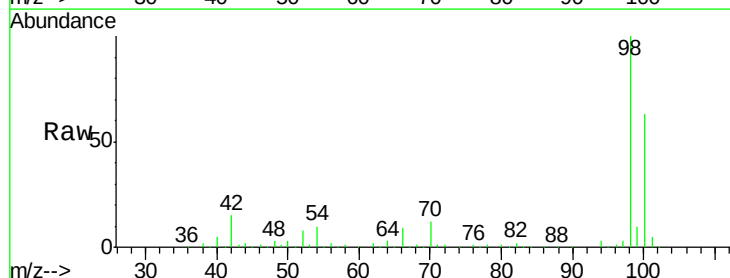
Acq: 6 Oct 2020 15:10

Tgt Ion: 98 Resp: 363852

Ion Ratio Lower Upper

98 100

100 64.5 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN063889.D (-2573) (-)

Ion 100.00 (99.70 to 100.70): VN063889.D (-2573) (-)

