

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082020\
 Data File : VN063035.D
 Acq On : 20 Aug 2020 14:26
 Operator : JC/MD
 Sample : VN0820WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBL01

Quant Time: Aug 21 05:56:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Aug 20 14:01:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	33908	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	165895	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	152011	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.99	65	73774	30.71	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.37%
60) 4-Bromofluorobenzene	12.38	95	54049	22.50	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	75.00%
63) Toluene-d8	10.06	98	204313	29.29	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.63%

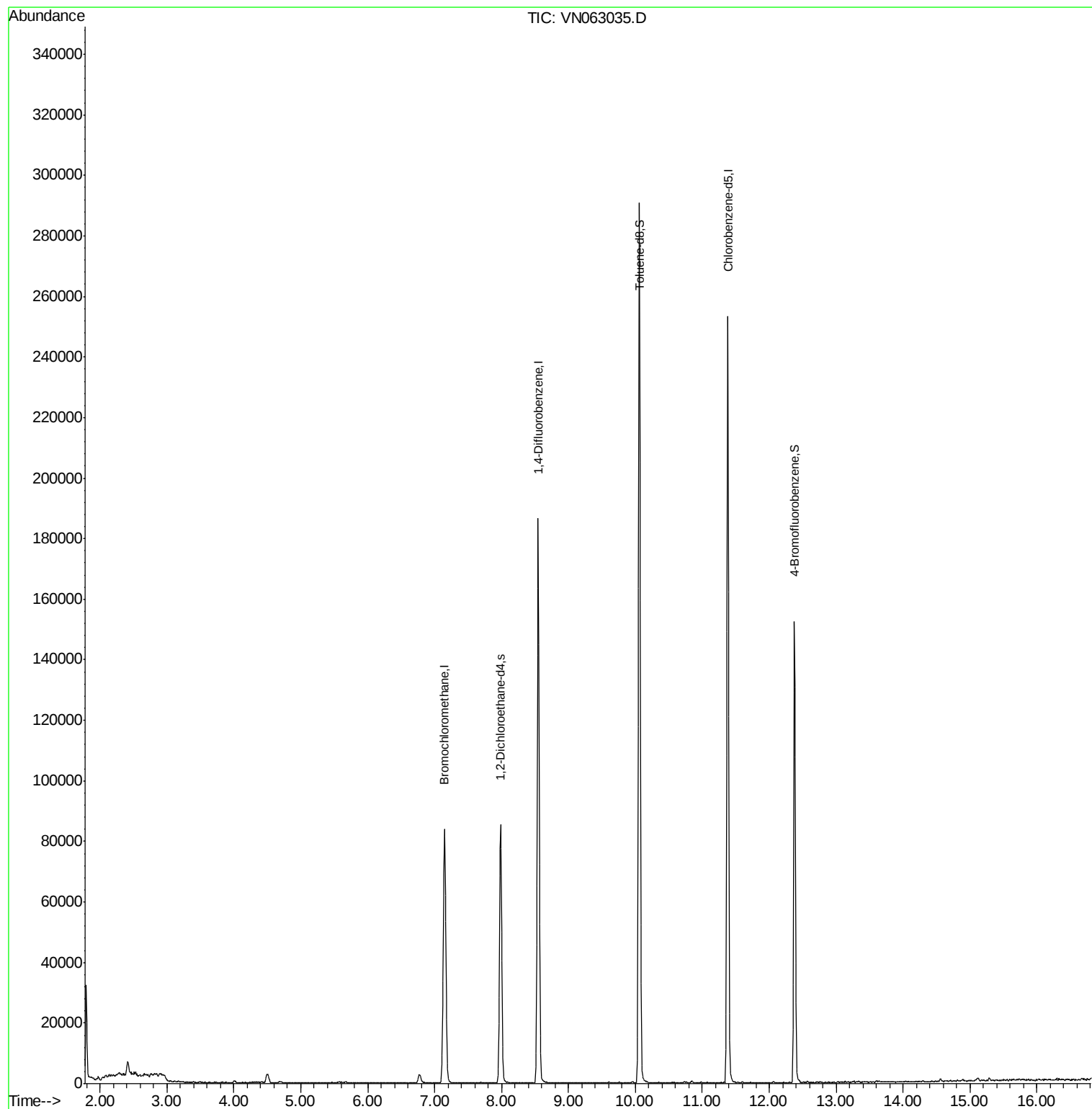
Target Compounds	Ovalue

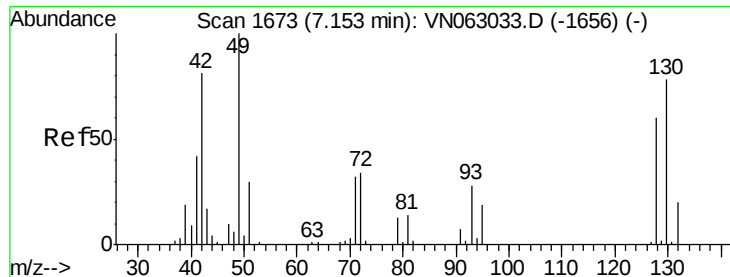
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN063035.D

Acq: 20 Aug 2020 14:26

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBL01

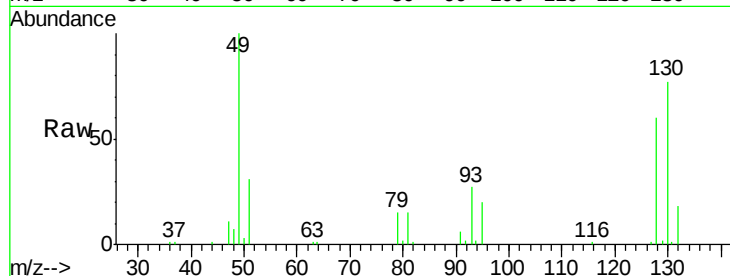
Tot Ion:128 Resp: 33908

Ion Ratio Lower Upper

128 100

49 172.8 0.0 437.5

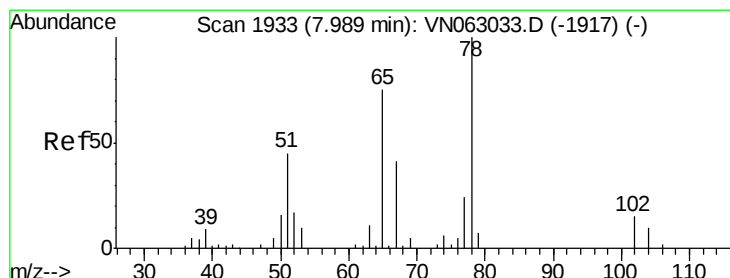
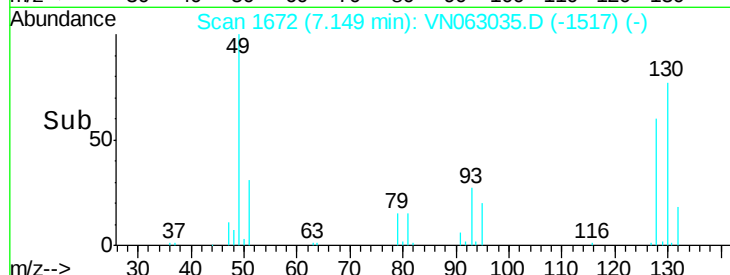
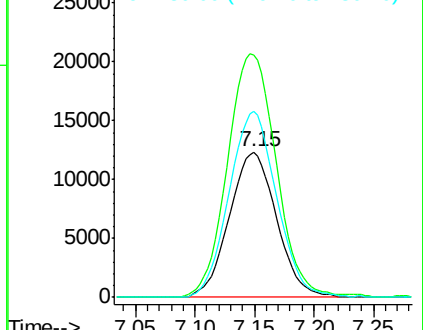
130 129.3 0.0 327.3



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: 30.707 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN063035.D

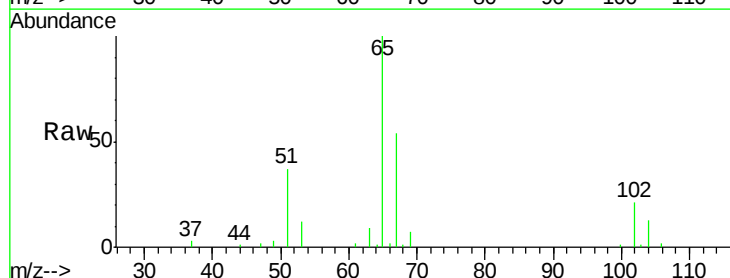
Acq: 20 Aug 2020 14:26

Tgt Ion: 65 Resp: 73774

Ion Ratio Lower Upper

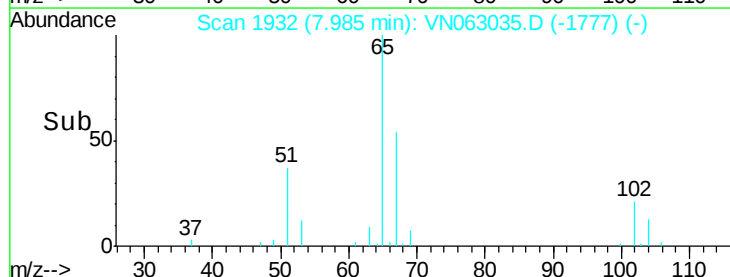
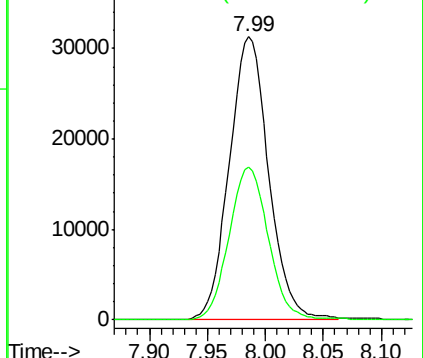
65 100

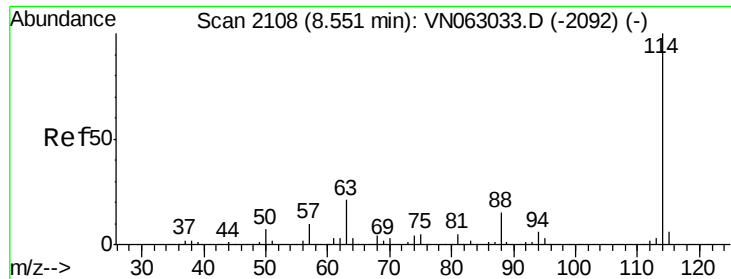
67 53.8 43.8 65.6



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

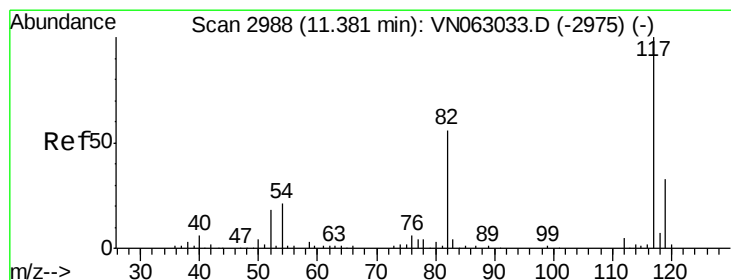
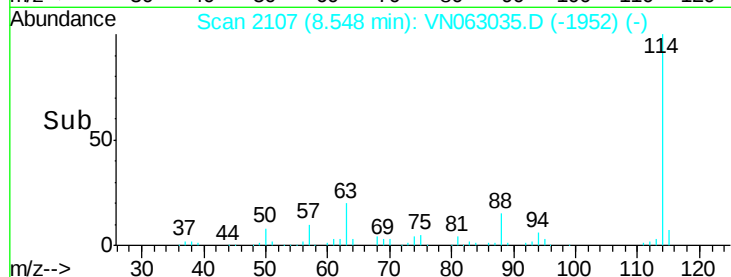
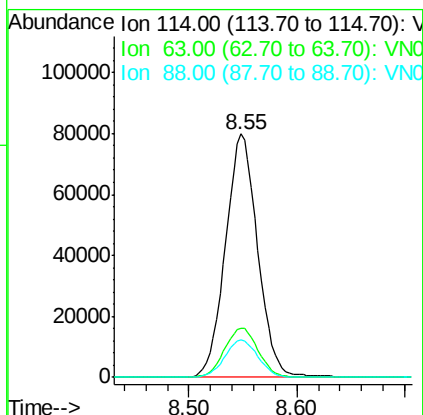
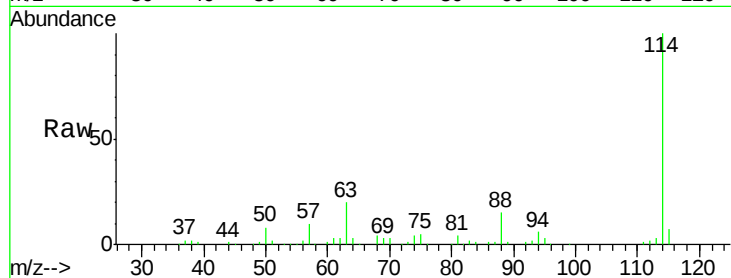




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN063035.D
 Acq: 20 Aug 2020 14:26

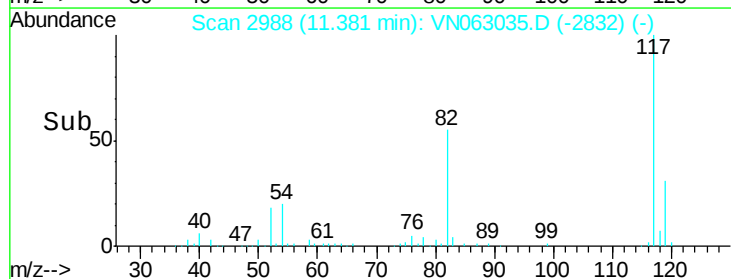
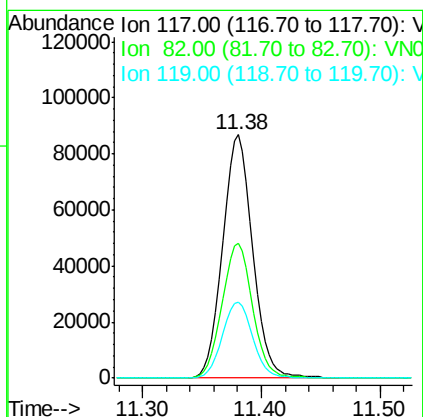
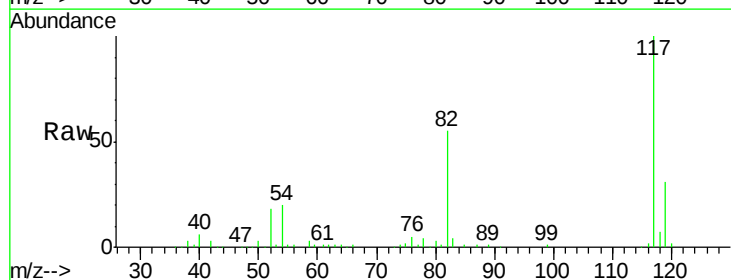
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBL01

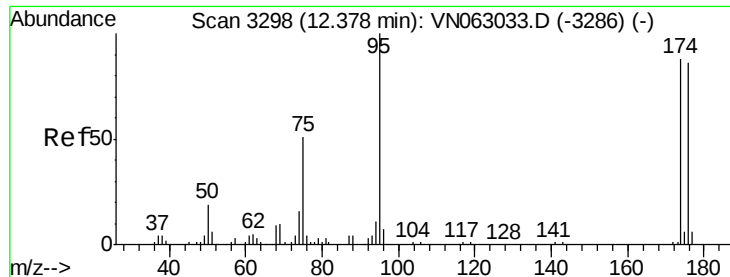
Tot Ion:114 Resp: 165895
 Ion Ratio Lower Upper
 114 100
 63 21.2 17.0 25.6
 88 15.8 12.6 18.8



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.38 min Scan# 2988
 Delta R.T. 0.00 min
 Lab File: VN063035.D
 Acq: 20 Aug 2020 14:26

Tgt Ion:117 Resp: 152011
 Ion Ratio Lower Upper
 117 100
 82 56.5 44.9 67.3
 119 31.6 26.0 39.0

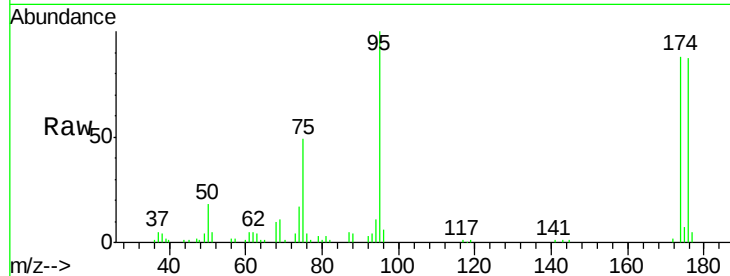




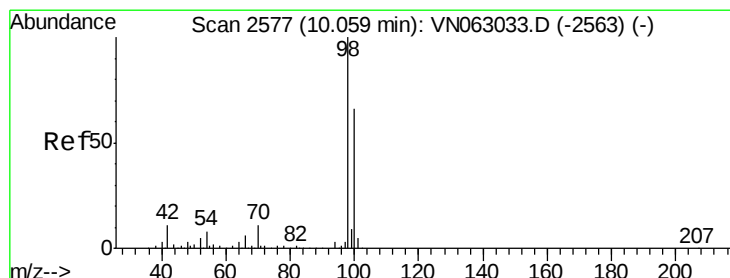
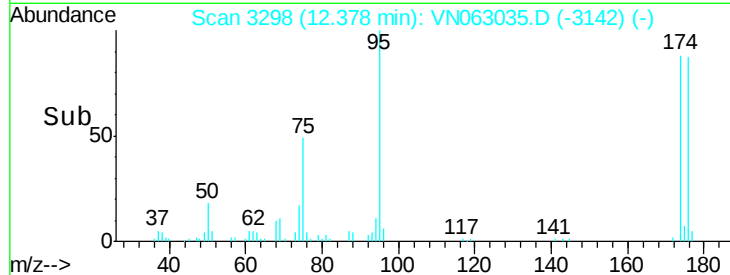
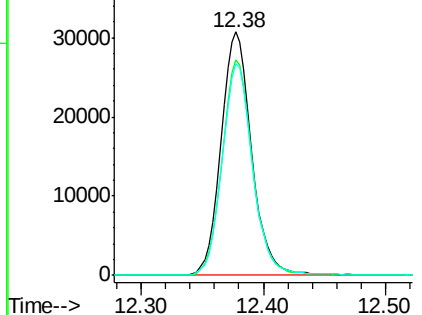
#60
4-Bromofluorobenzene
Concen: 22.501 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN063035.D
Acq: 20 Aug 2020 14:26

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBL01

Tot Ion: 95 Resp: 54049
Ion Ratio Lower Upper
95 100
174 87.8 70.1 105.1
176 86.4 66.8 100.2

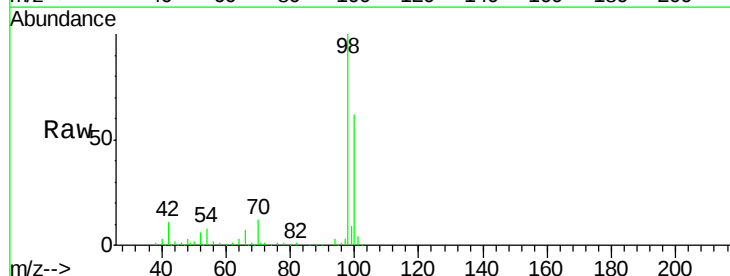


Abundance Ion 95.00 (94.70 to 95.70): VN0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V



#63
Toluene-d8
Concen: 29.287 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN063035.D
Acq: 20 Aug 2020 14:26

Tgt Ion: 98 Resp: 204313
Ion Ratio Lower Upper
98 100
100 63.5 51.4 77.2



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

