

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110920\
 Data File : VN064509.D
 Acq On : 9 Nov 2020 16:15
 Operator : JC/MD
 Sample : VN1109WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBL01

Quant Time: Nov 10 03:45:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 09 13:16:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	58616	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	309950	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	280398	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.99	65	164282	31.66	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.53%
60) 4-Bromofluorobenzene	12.38	95	113337	23.60	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	78.67%
63) Toluene-d8	10.06	98	382047	29.22	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.40%

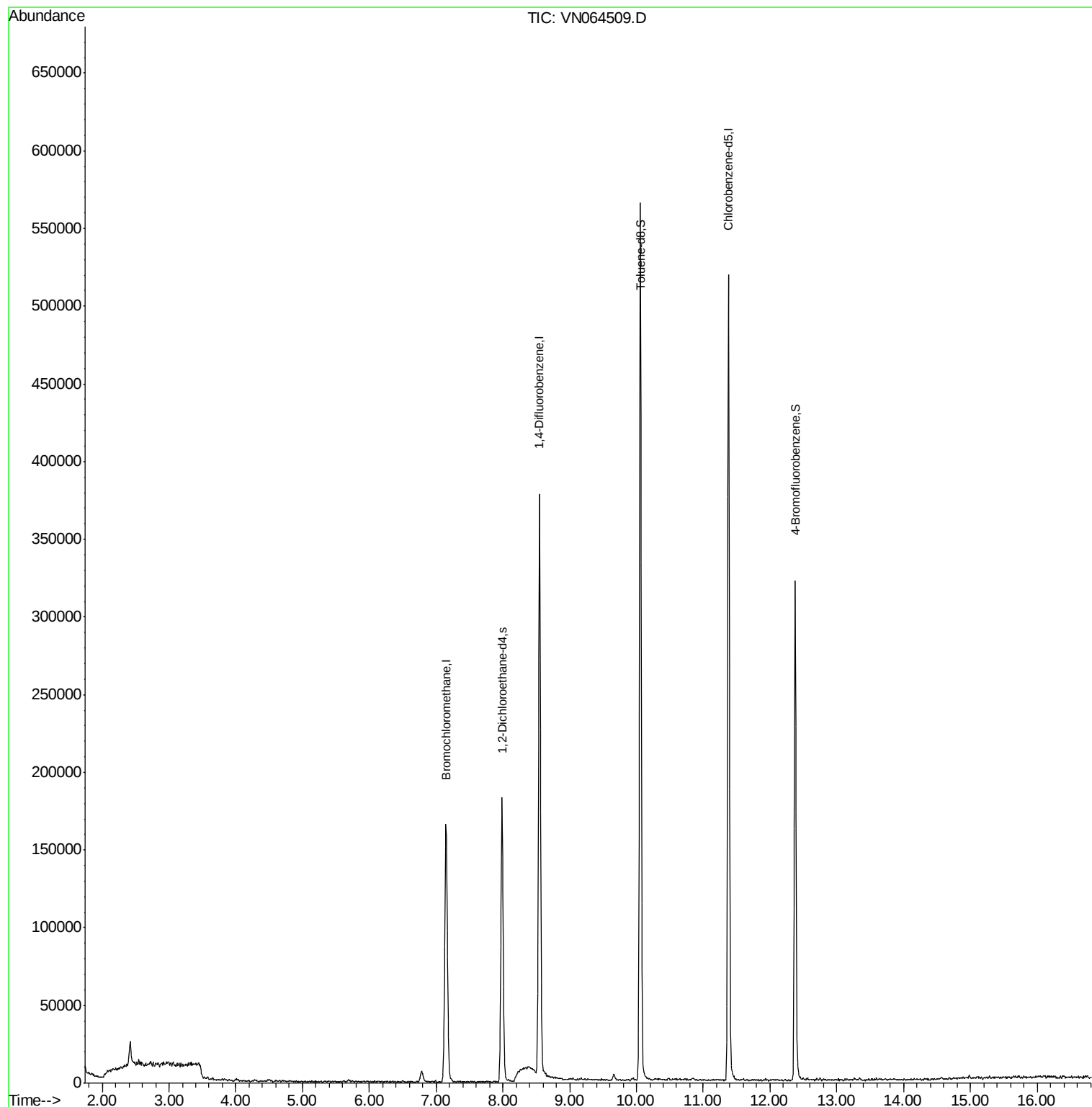
Target Compounds	Ovalue

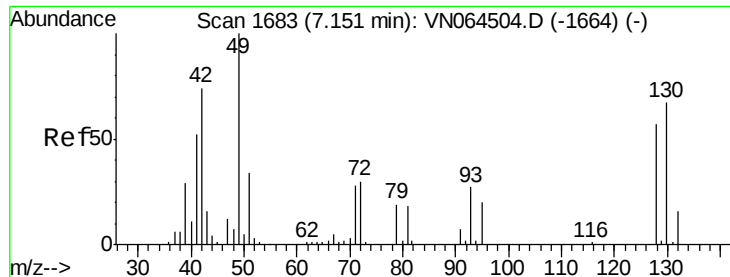
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Nov 09 13:16:36 2020
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064509.D

Acq: 9 Nov 2020 16:15

Instrument :
MSVOA_N
ClientSampled :
VN1109WBL01

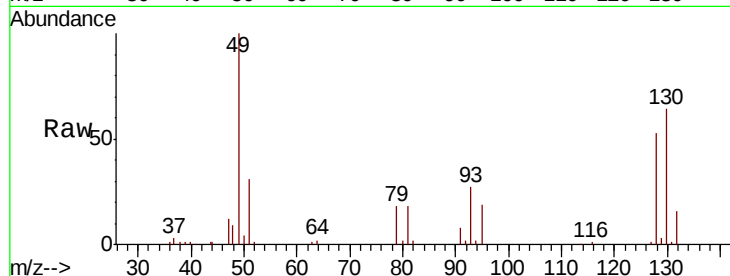
Tot Ion:128 Resp: 58616

Ion Ratio Lower Upper

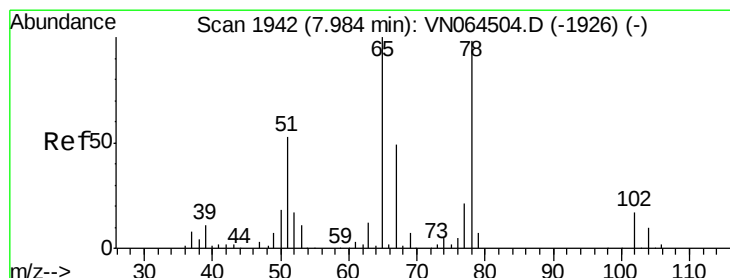
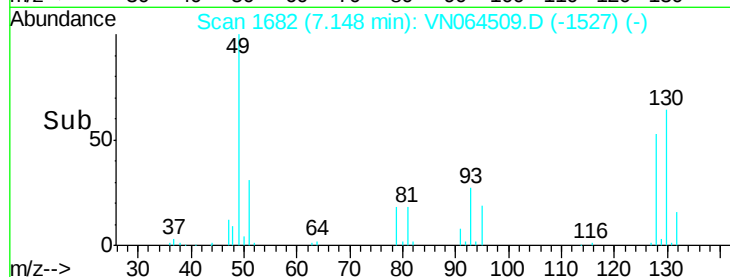
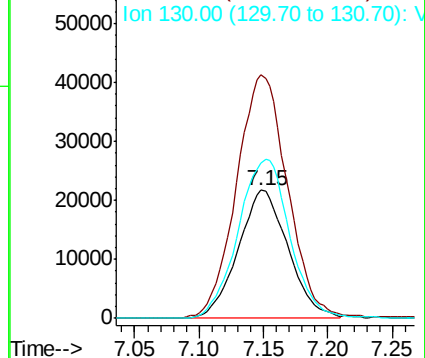
128 100

49 193.7 0.0 475.5

130 128.0 0.0 315.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VN
Ion 130.00 (129.70 to 130.70): V



#27

1,2-Dichloroethane-d4

Concen: 31.660 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064509.D

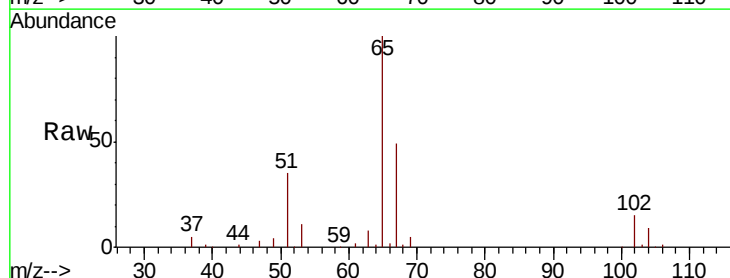
Acq: 9 Nov 2020 16:15

Tgt Ion: 65 Resp: 164282

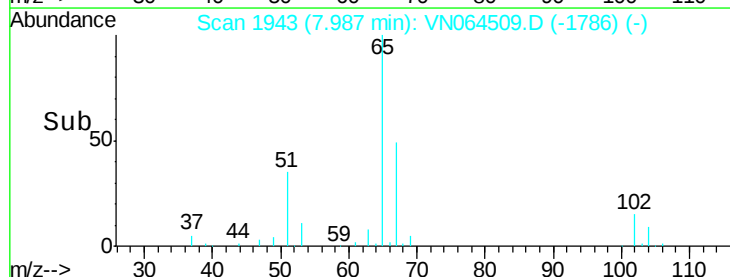
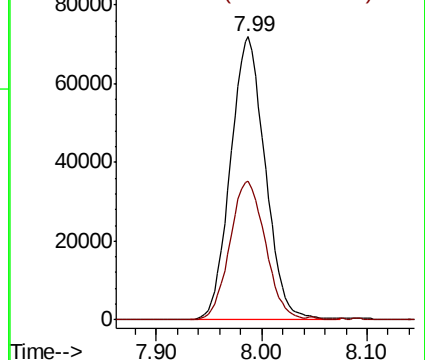
Ion Ratio Lower Upper

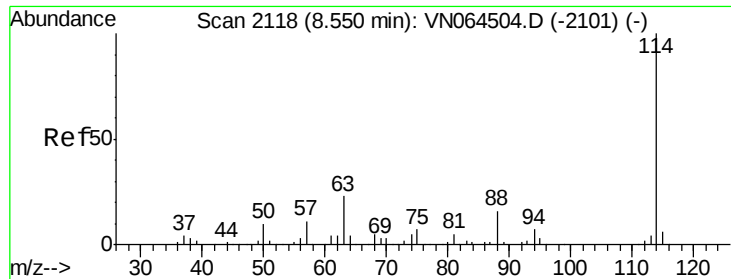
65 100

67 50.0 41.1 61.7



Abundance Ion 65.00 (64.70 to 65.70): VN
Ion 67.00 (66.70 to 67.70): VN

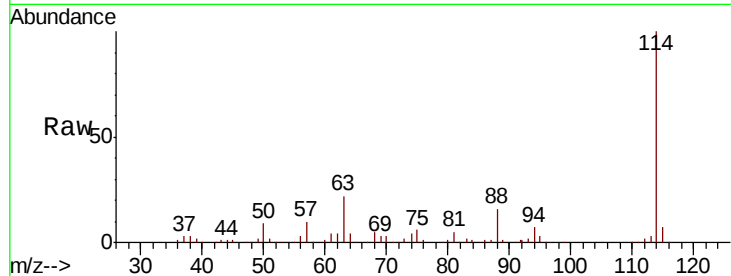




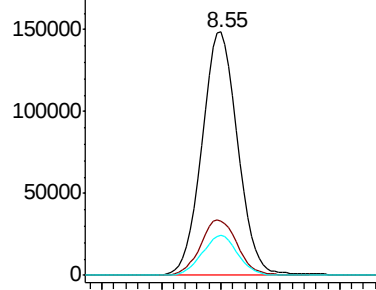
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064509.D
 Acq: 9 Nov 2020 16:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBL01

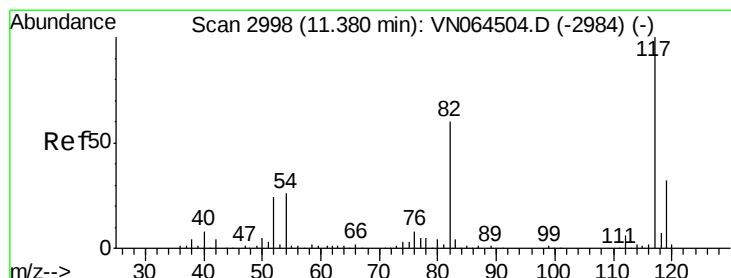
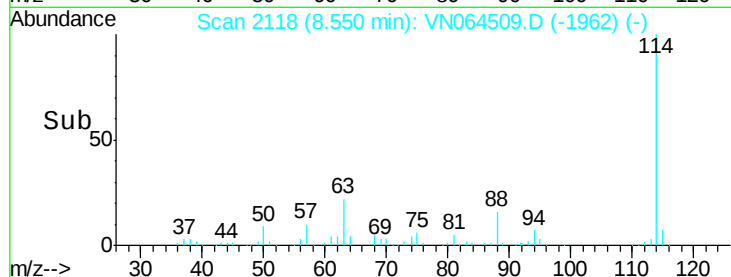
Tot Ion:114 Resp: 309950
 Ion Ratio Lower Upper
 114 100
 63 23.4 18.5 27.7
 88 16.3 13.0 19.6



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

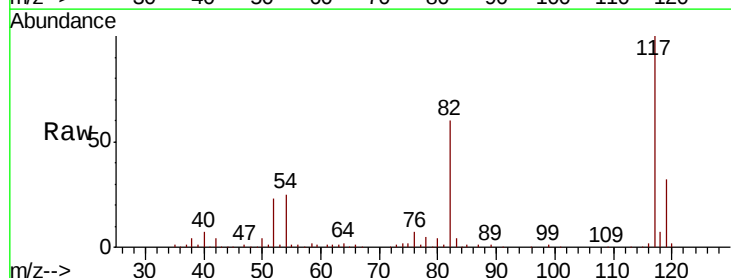


Time--> 8.45 8.50 8.55 8.60 8.65

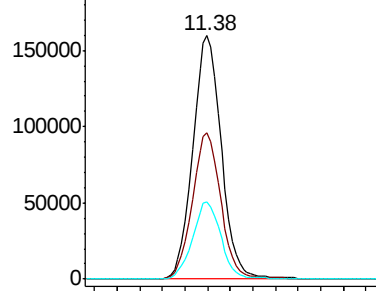


#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.38 min Scan# 2998
 Delta R.T. -0.00 min
 Lab File: VN064509.D
 Acq: 9 Nov 2020 16:15

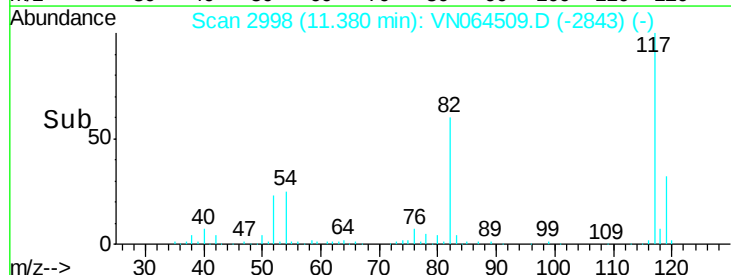
Tgt Ion:117 Resp: 280398
 Ion Ratio Lower Upper
 117 100
 82 59.5 47.8 71.8
 119 31.8 25.7 38.5

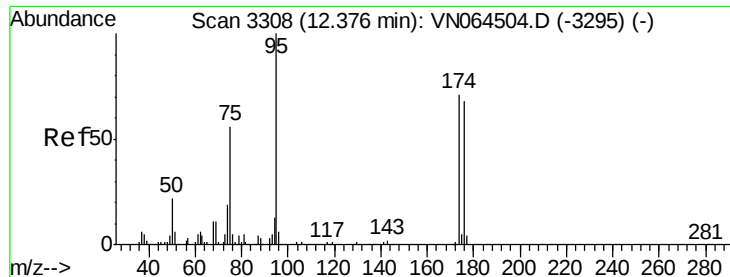


Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 82.00 (81.70 to 82.70): VN
 Ion 119.00 (118.70 to 119.70): V



Time--> 11.30 11.40 11.50





#60

4-Bromofluorobenzene

Concen: 23.596 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN064509.D

Acq: 9 Nov 2020 16:15

Instrument :

MSVOA_N

ClientSampleId :

VN1109WBL01

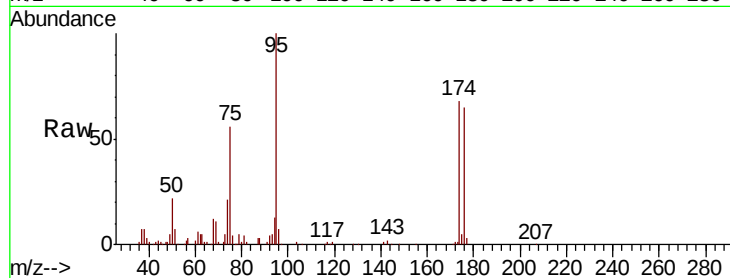
Tot Ion: 95 Resp: 113337

Ion Ratio Lower Upper

95 100

174 70.1 56.4 84.6

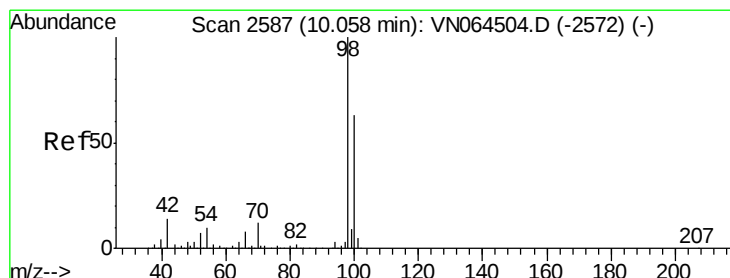
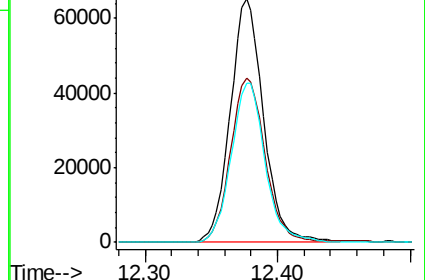
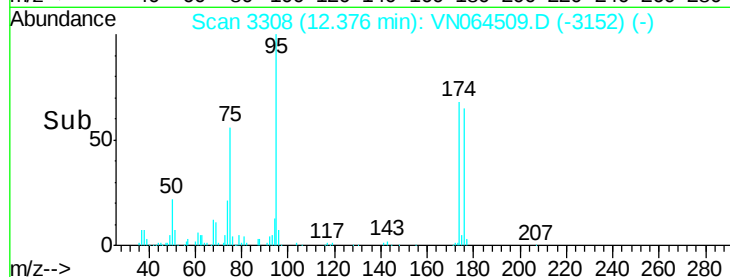
176 66.6 53.3 79.9



Abundance Ion 95.00 (94.70 to 95.70): VN064509.D (-3152) (-)

Ion 174.00 (173.70 to 174.70): VN064509.D (-3152) (-)

Ion 176.00 (175.70 to 176.70): VN064509.D (-3152) (-)



#63

Toluene-d8

Concen: 29.215 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064509.D

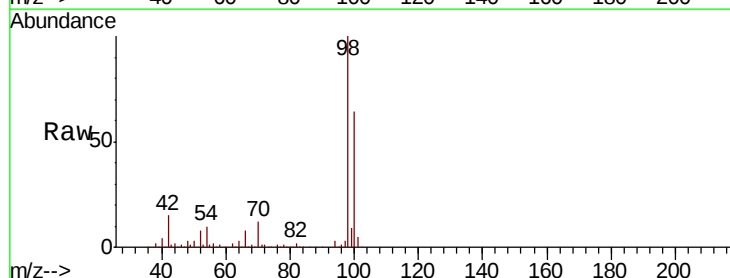
Acq: 9 Nov 2020 16:15

Tgt Ion: 98 Resp: 382047

Ion Ratio Lower Upper

98 100

100 63.9 49.4 74.2



Abundance Ion 98.00 (97.70 to 98.70): VN064509.D (-2431) (-)

Ion 100.00 (99.70 to 100.70): VN064509.D (-2431) (-)

