

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010419\
 Data File : VN053277.D
 Acq On : 4 Jan 2019 9:28
 Operator : MD\SY
 Sample : VN0104WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0104WBL01

Quant Time: Jan 04 10:00:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N122818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 28 10:33:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	141442	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	769283	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	674837	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	269496	29.99	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.97%
60) 4-Bromofluorobenzene	12.40	95	278705	26.99	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	89.97%
63) Toluene-d8	10.09	98	903150	29.71	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.03%

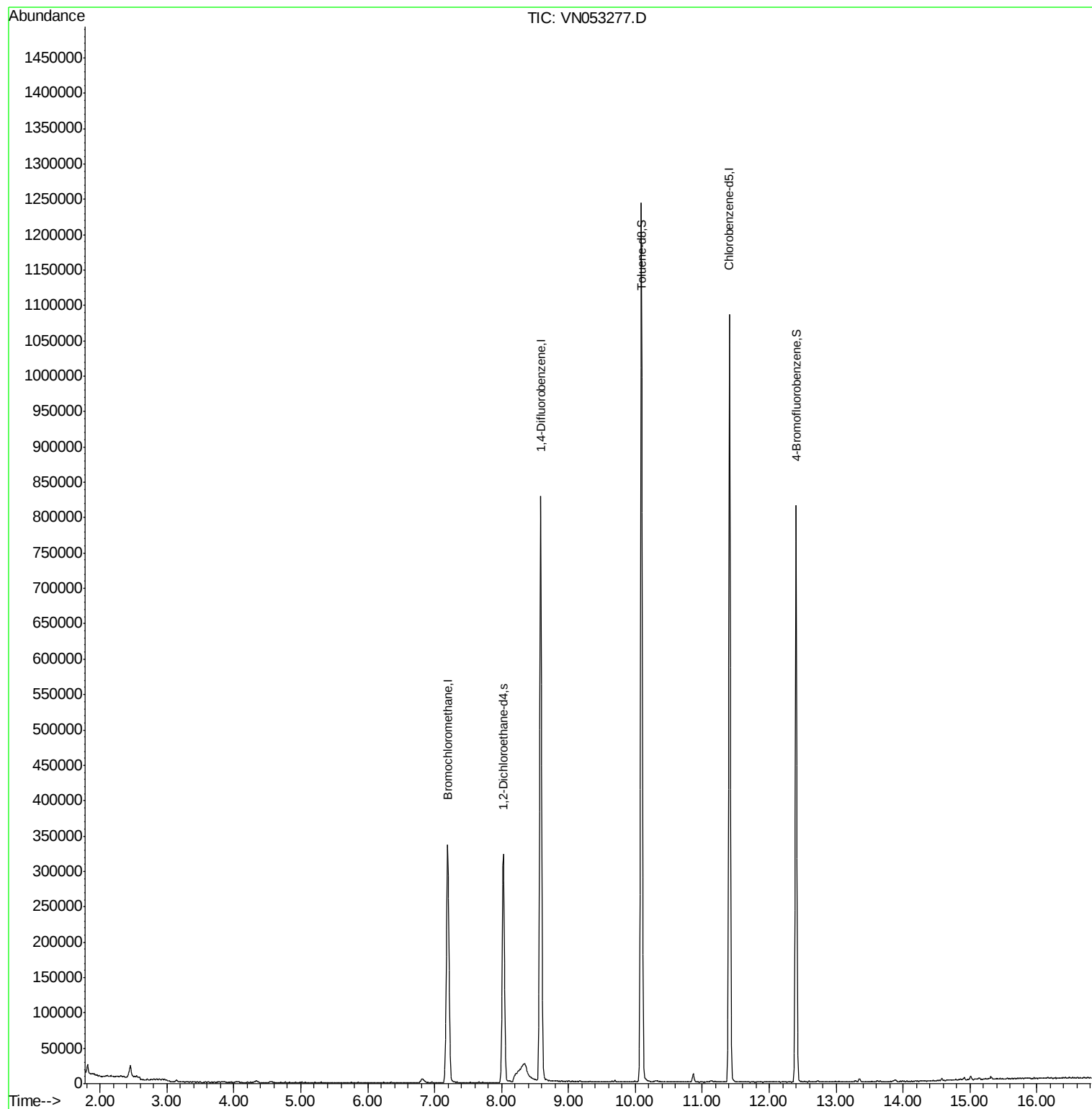
Target Compounds	Ovalue

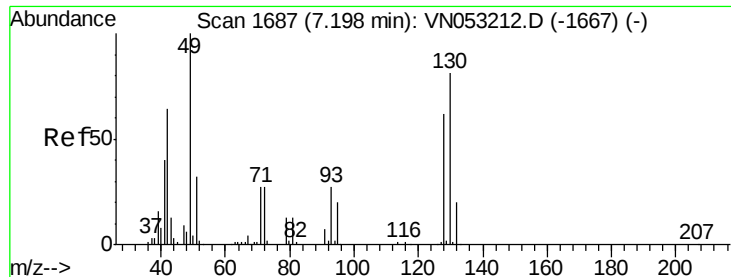
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 28 10:33:50 2018
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN053277.D

Acq: 4 Jan 2019 9:28

Instrument :

MSVOA_N

ClientSampled :

VN0104WBL01

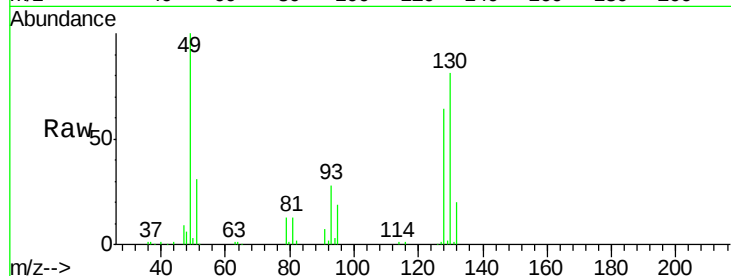
Tot Ion:128 Resp: 141442

Ion Ratio Lower Upper

128 100

49 151.8 0.0 431.8

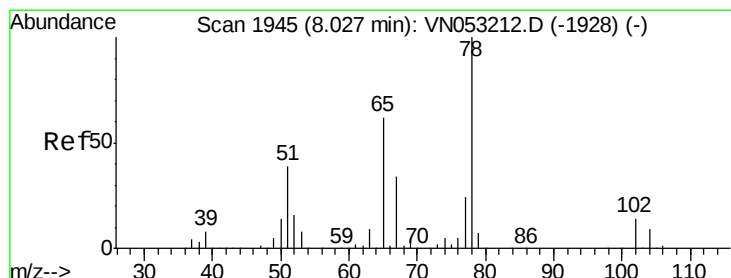
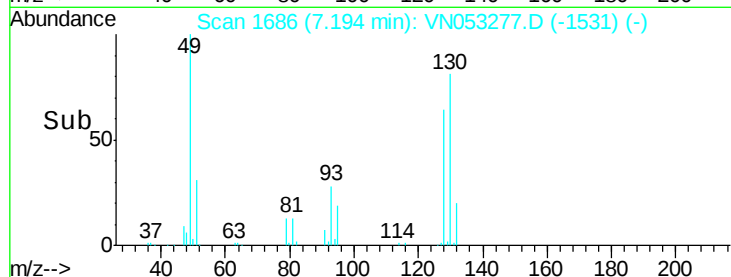
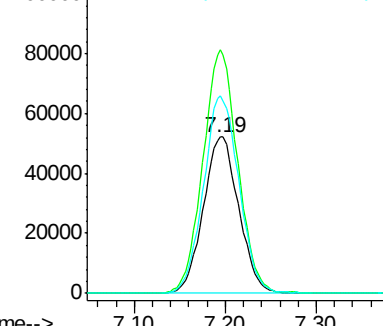
130 126.3 0.0 317.0



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: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053277.D

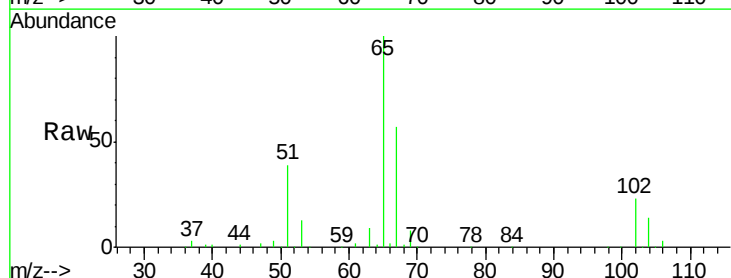
Acq: 4 Jan 2019 9:28

Tgt Ion: 65 Resp: 269496

Ion Ratio Lower Upper

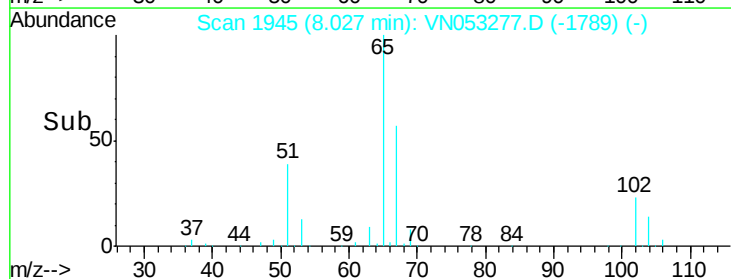
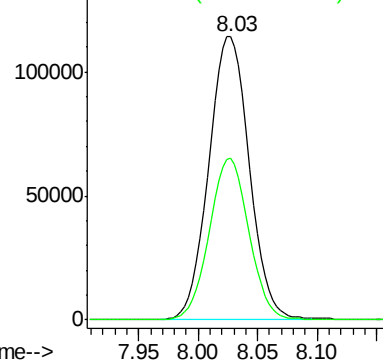
65 100

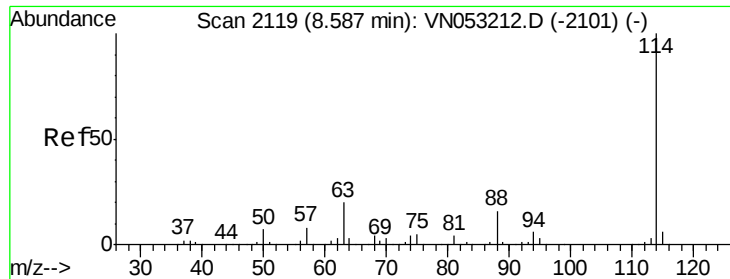
67 55.7 44.6 66.8



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

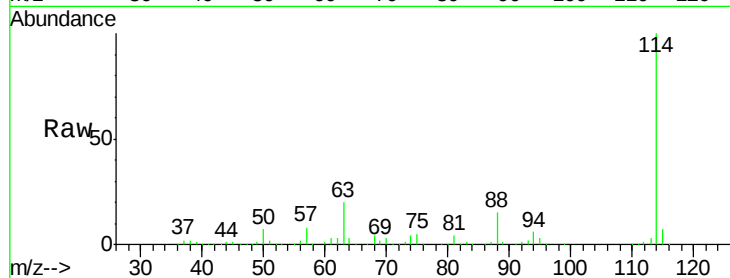




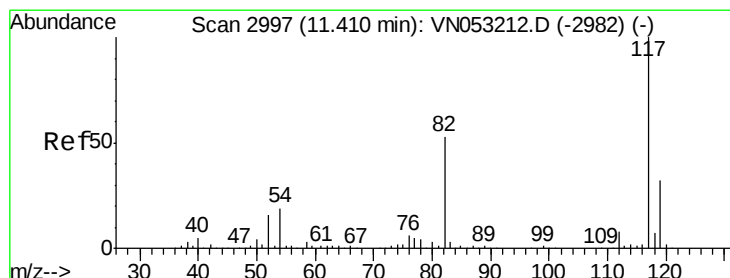
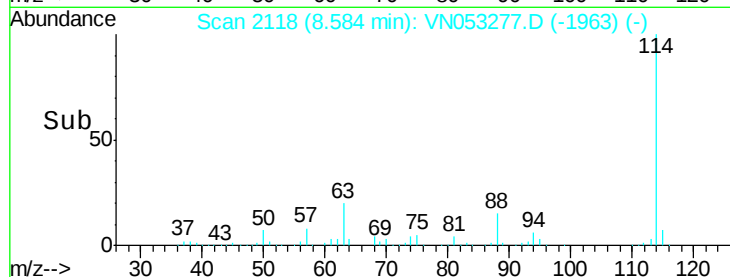
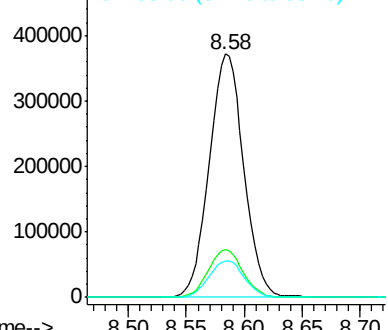
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN053277.D
Acq: 4 Jan 2019 9:28

Instrument :
MSVOA_N
ClientSampleId :
VN0104WBL01

Tot Ion:114 Resp: 769283
Ion Ratio Lower Upper
114 100
63 19.7 16.9 25.3
88 15.4 12.8 19.2

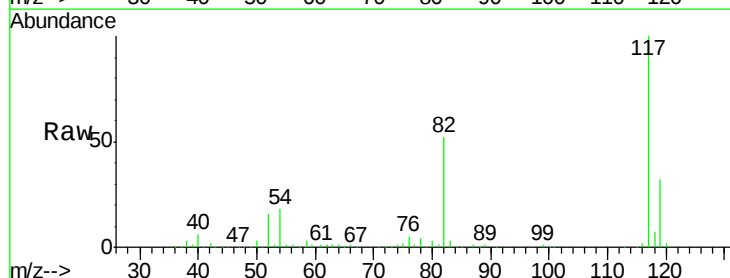


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 63.00 (62.70 to 63.70): VN
Ion 88.00 (87.70 to 88.70): VN

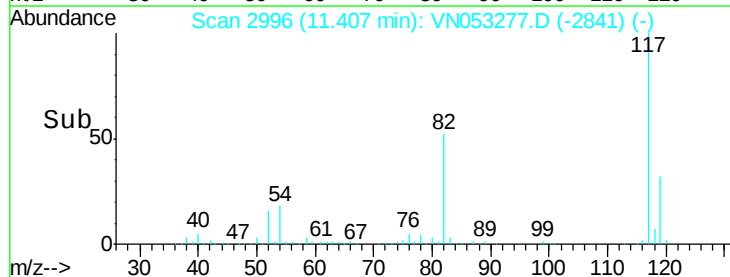
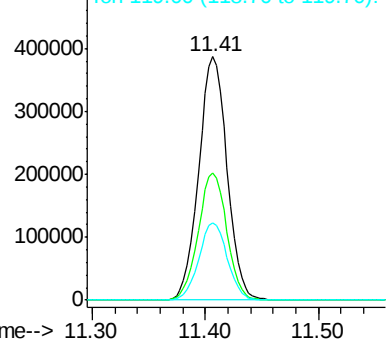


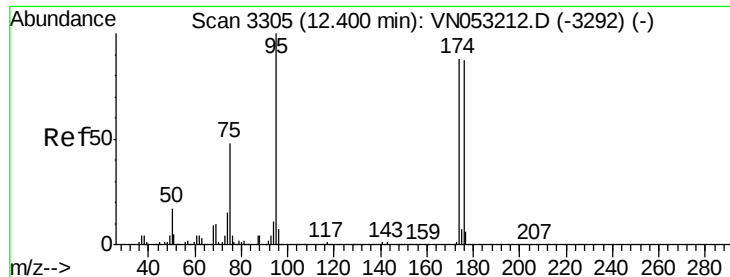
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053277.D
Acq: 4 Jan 2019 9:28

Tgt Ion:117 Resp: 674837
Ion Ratio Lower Upper
117 100
82 52.7 44.2 66.2
119 31.8 25.4 38.2



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





#60

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053277.D

Acq: 4 Jan 2019 9:28

Instrument :

MSVOA_N

ClientSampleId :

VN0104WBL01

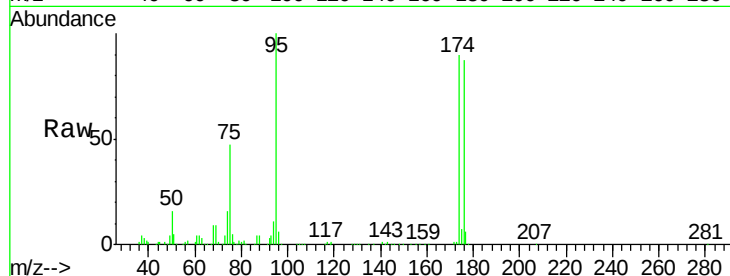
Tot Ion: 95 Resp: 278705

Ion Ratio Lower Upper

95 100

174 91.3 67.9 101.9

176 87.7 66.4 99.6

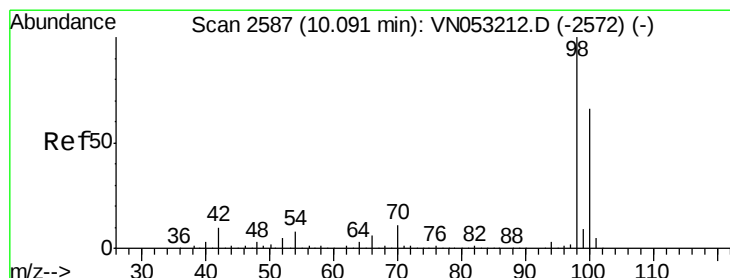
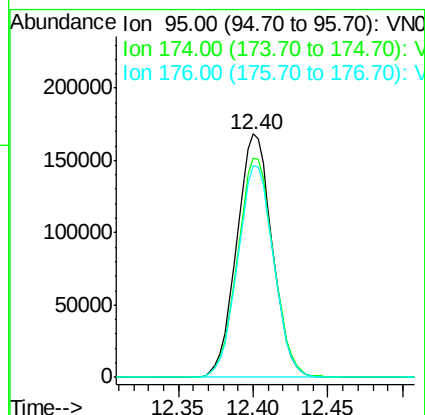
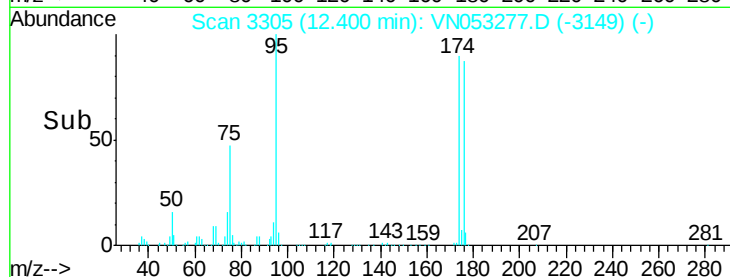


Abundance Ion 95.00 (94.70 to 95.70): VN053212.D (-3292) (-)

Ion 174.00 (173.70 to 174.70): VN053212.D (-3292) (-)

Ion 176.00 (175.70 to 176.70): VN053212.D (-3292) (-)

Time-->



#63

Toluene-d8

Concen: Below ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN053277.D

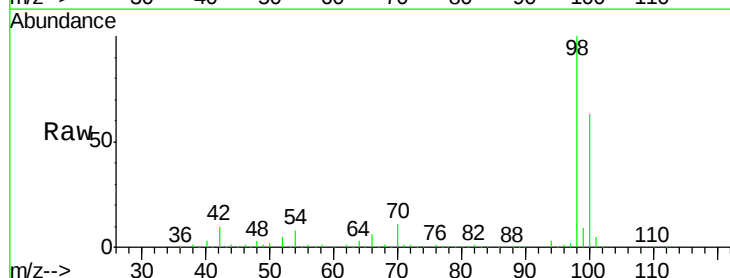
Acq: 4 Jan 2019 9:28

Tgt Ion: 98 Resp: 903150

Ion Ratio Lower Upper

98 100

100 63.9 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN053212.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN053212.D (-2572) (-)

Time-->

