

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052919\
 Data File : VN055878.D
 Acq On : 29 May 2019 15:23
 Operator : JC/SP
 Sample : K3085-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: May 30 07:19:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N052219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 23 05:54:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	53910	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	283903	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	226726	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	106574	30.24	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.80%
60) 4-Bromofluorobenzene	12.40	95	83401	23.65	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	78.83%
63) Toluene-d8	10.09	98	331133	31.96	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	106.53%

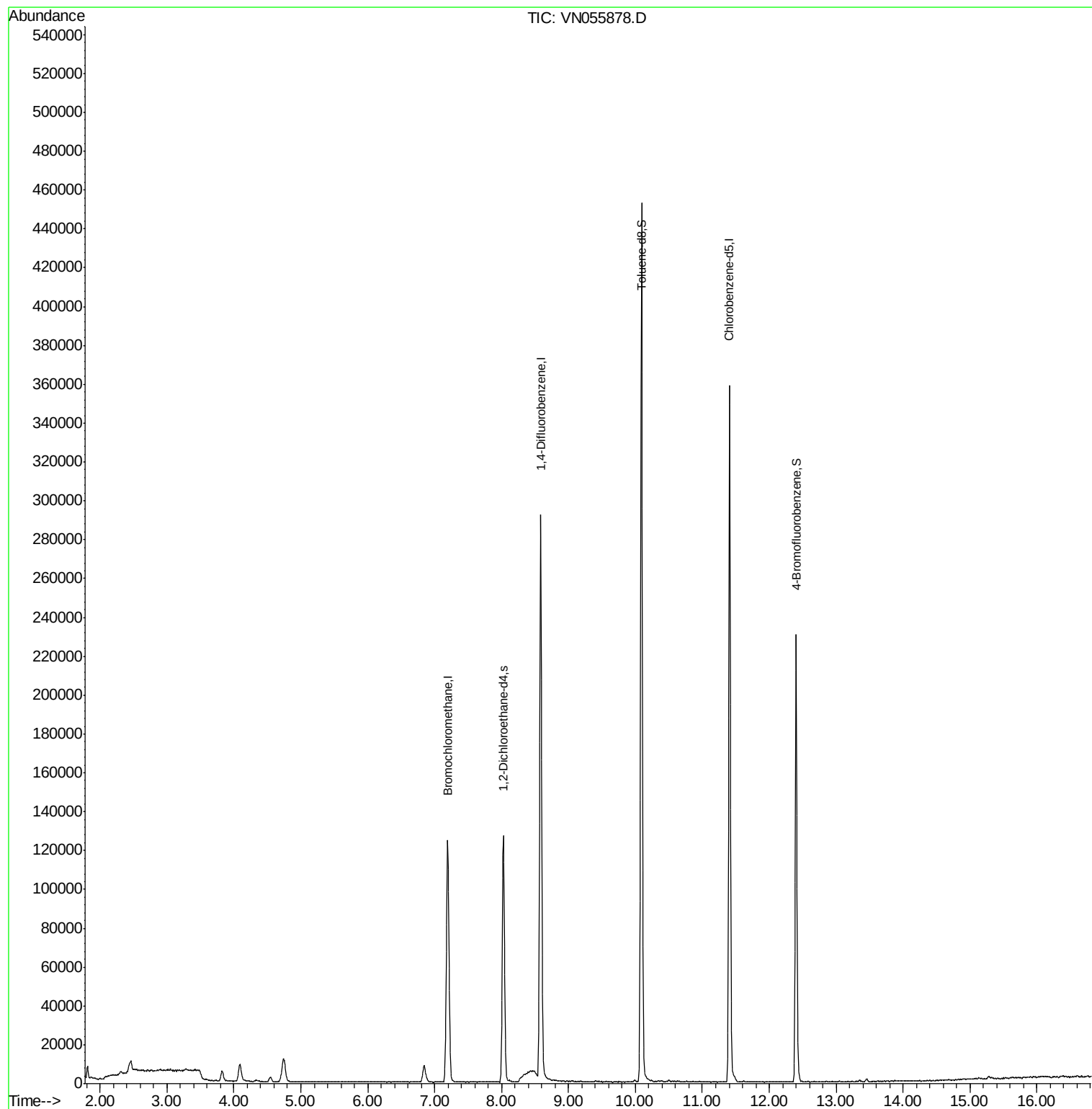
Target Compounds	Ovalue

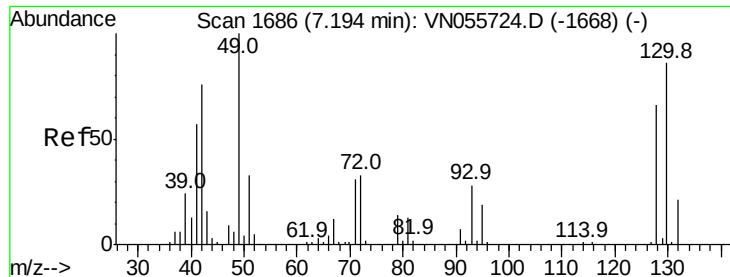
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 23 05:54:54 2019
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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: VN055878.D

Acq: 29 May 2019 15:23

Instrument :

MSVOA_N

ClientSampled :

TRIP-BLANK

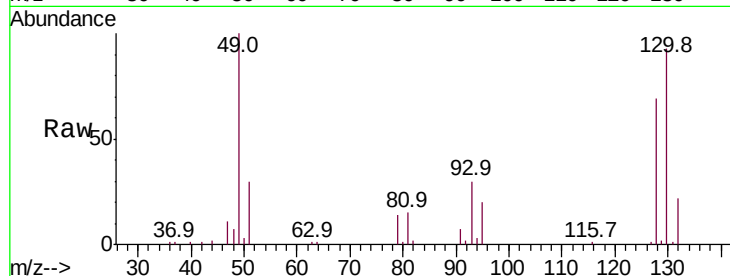
Tot Ion:128 Resp: 53910

Ion Ratio Lower Upper

128 100

49 141.9 0.0 383.2

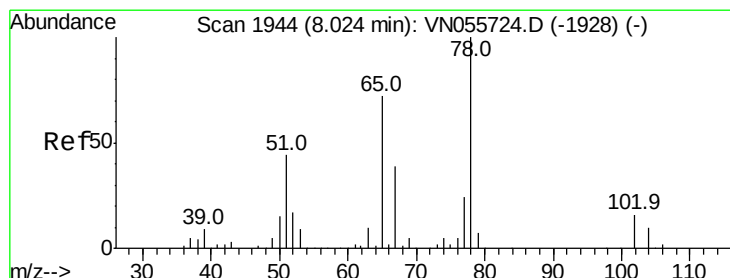
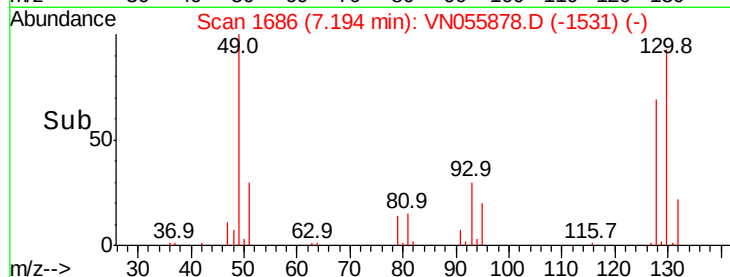
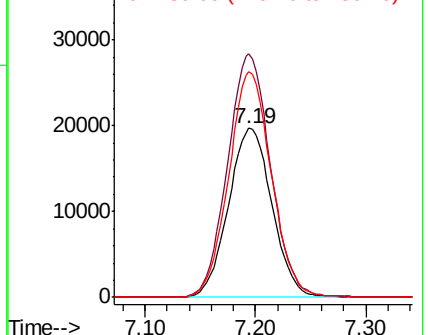
130 131.1 0.0 326.3



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: 30.245 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055878.D

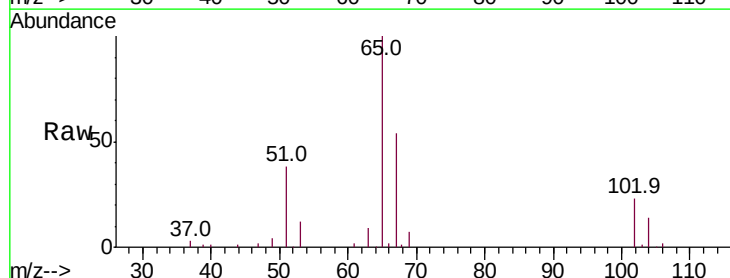
Acq: 29 May 2019 15:23

Tgt Ion: 65 Resp: 106574

Ion Ratio Lower Upper

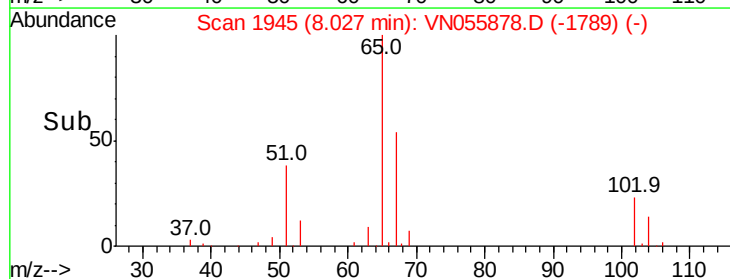
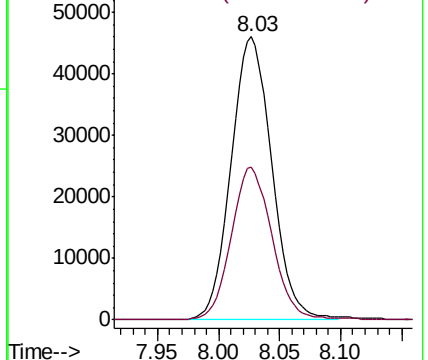
65 100

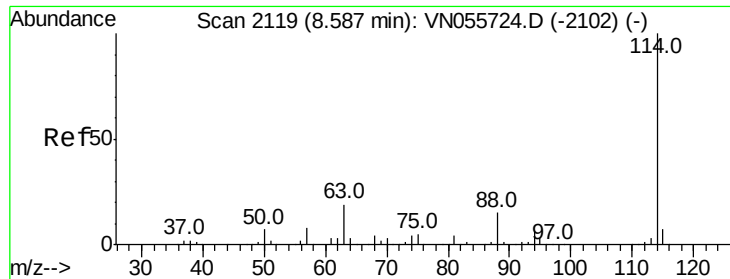
67 54.0 43.5 65.3



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

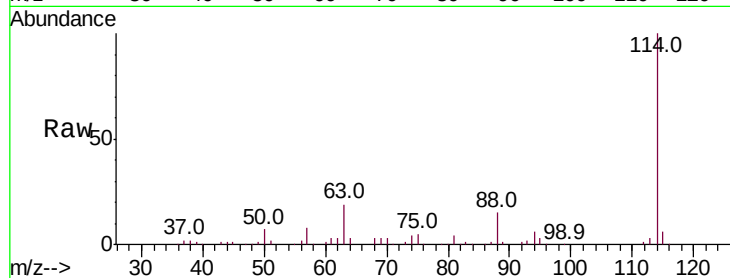




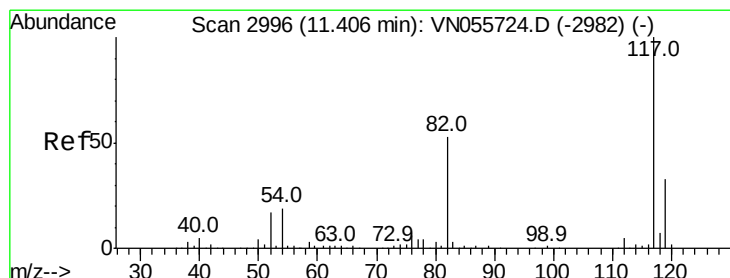
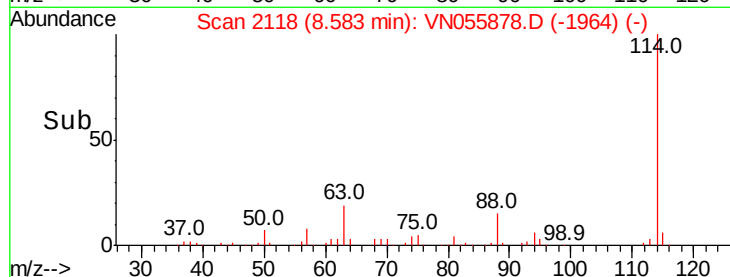
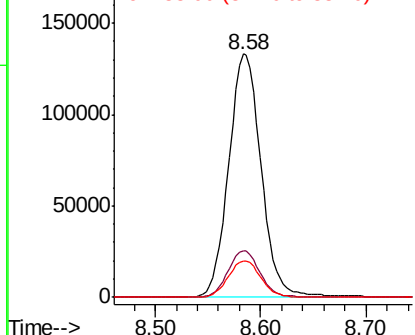
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN055878.D
 Acq: 29 May 2019 15:23

Instrument :
 MSVOA_N
 ClientSampleId :
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Tot Ion:114 Resp: 283903
 Ion Ratio Lower Upper
 114 100
 63 18.9 15.6 23.4
 88 15.1 12.3 18.5

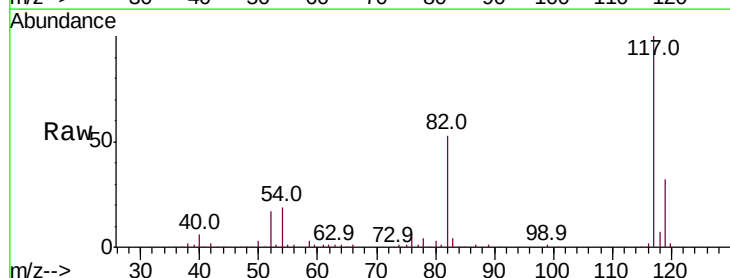


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 88.00 (87.70 to 88.70): VN

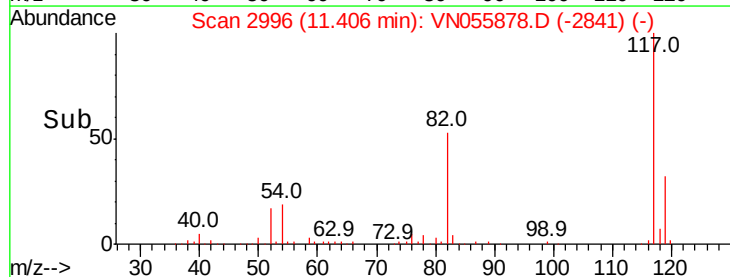
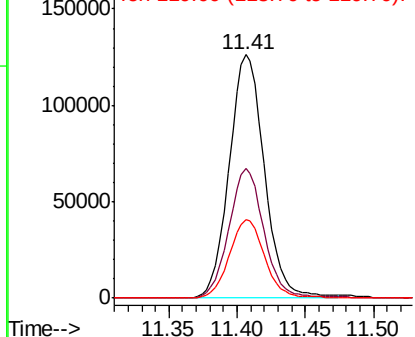


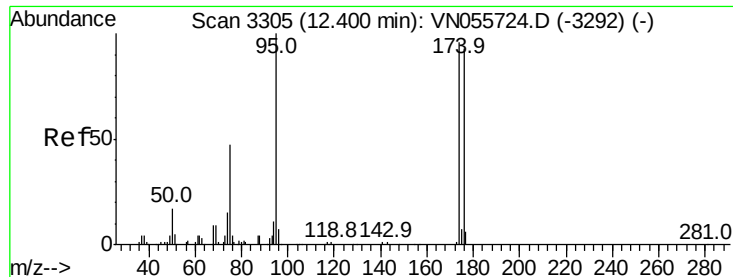
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: VN055878.D
 Acq: 29 May 2019 15:23

Tgt Ion:117 Resp: 226726
 Ion Ratio Lower Upper
 117 100
 82 52.7 42.6 64.0
 119 32.5 25.9 38.9



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: 23.647 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055878.D

Acq: 29 May 2019 15:23

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

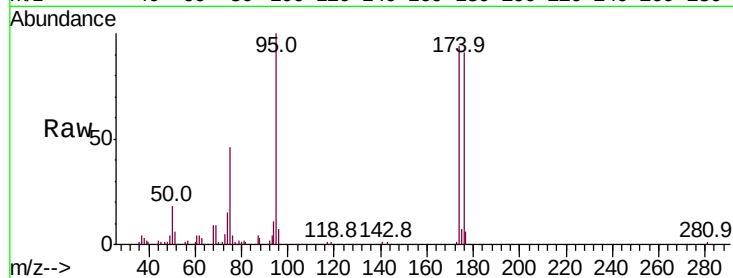
Tot Ion: 95 Resp: 83401

Ion Ratio Lower Upper

95 100

174 93.6 75.7 113.5

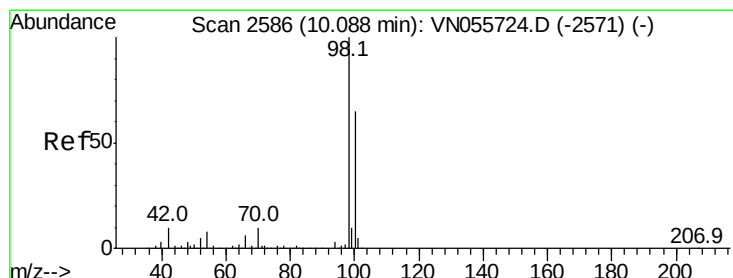
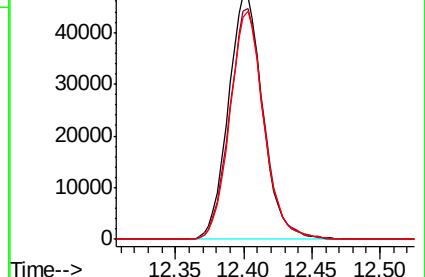
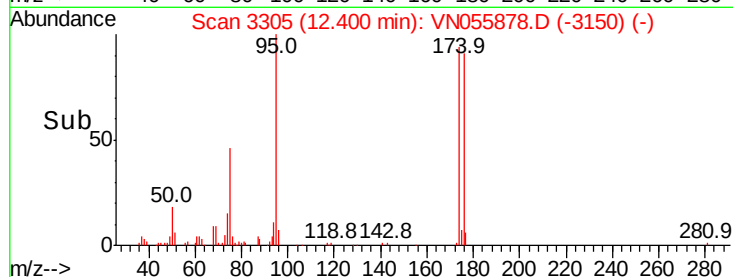
176 91.1 74.1 111.1



Abundance Ion 95.00 (94.70 to 95.70): VN055878.D (-2431) (-)

Ion 174.00 (173.70 to 174.70): VN055878.D (-2431) (-)

Ion 176.00 (175.70 to 176.70): VN055878.D (-2431) (-)



#63

Toluene-d8

Concen: 31.959 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055878.D

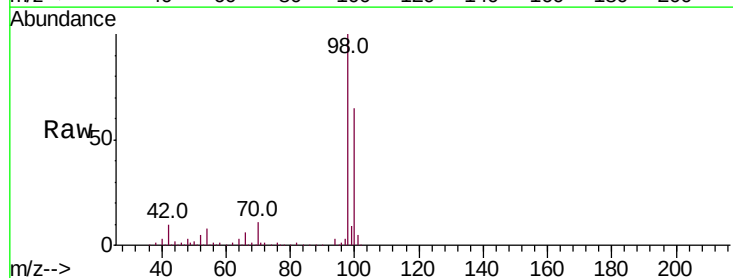
Acq: 29 May 2019 15:23

Tgt Ion: 98 Resp: 331133

Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN055878.D (-2431) (-)

Ion 100.00 (99.70 to 100.70): VN055878.D (-2431) (-)

