

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072419\
 Data File : VN056896.D
 Acq On : 24 Jul 2019 00:18
 Operator : JC/SP
 Sample : K3969-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TANK-1

Quant Time: Jul 24 11:32:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N072419W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 24 03:39:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	54826	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	280841	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	222356	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	106644	29.72	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.07%
60) 4-Bromofluorobenzene	12.40	95	71924	21.58	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	71.93%
63) Toluene-d8	10.09	98	332073	31.62	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	105.40%

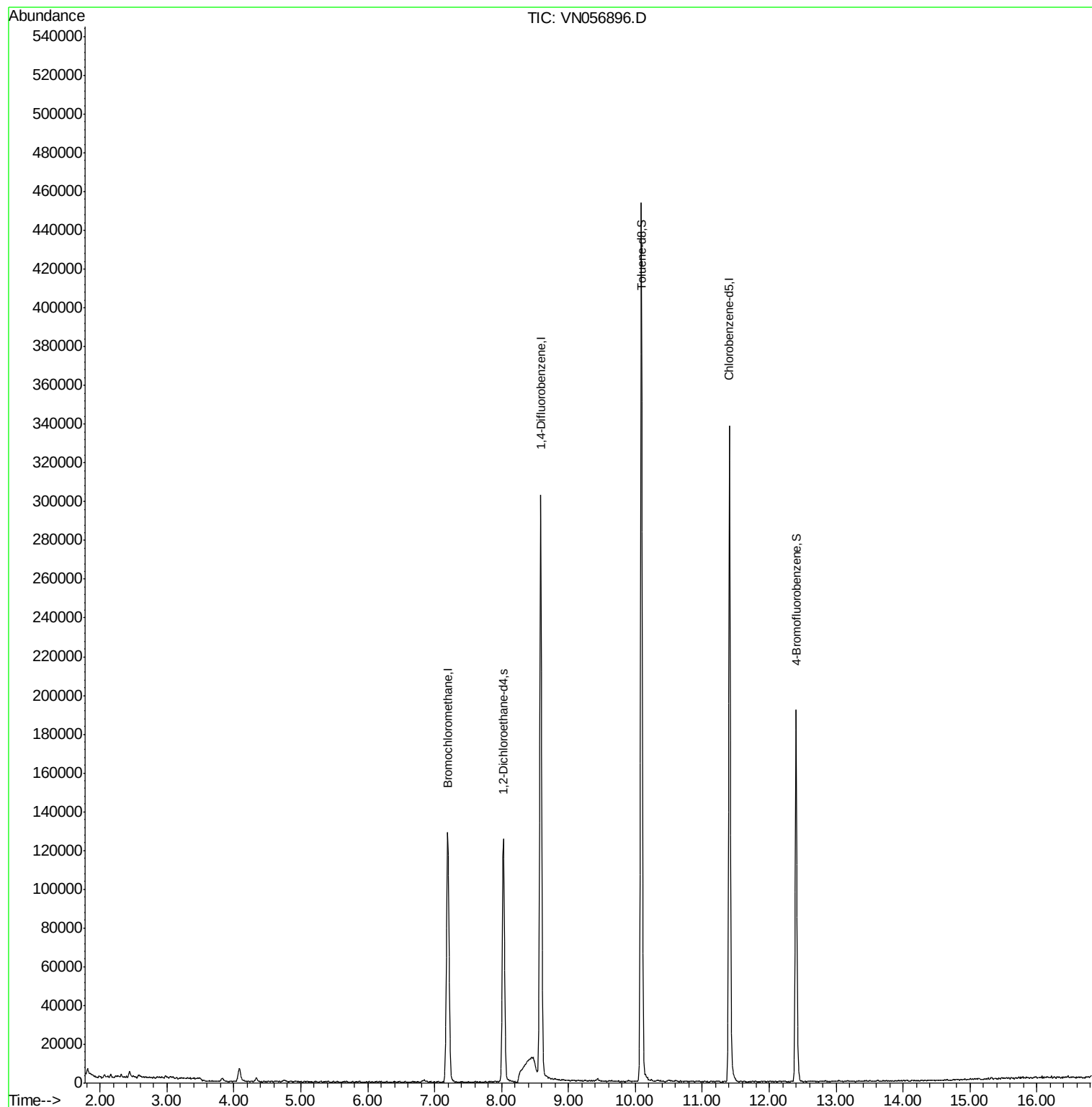
Target Compounds	Ovalue

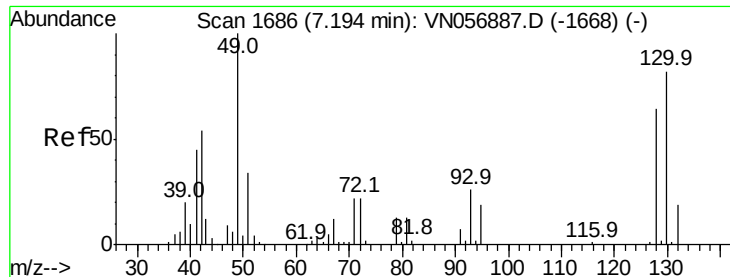
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 24 03:39:51 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: VN056896.D

Acq: 24 Jul 2019 00:18

Instrument :

MSVOA_N

ClientSampled :

TANK-1

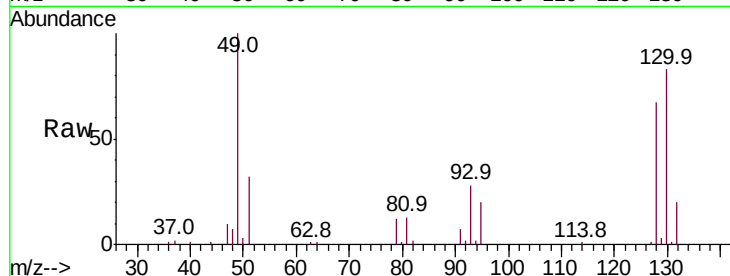
Tot Ion:128 Resp: 54826

Ion Ratio Lower Upper

128 100

49 154.2 0.0 385.8

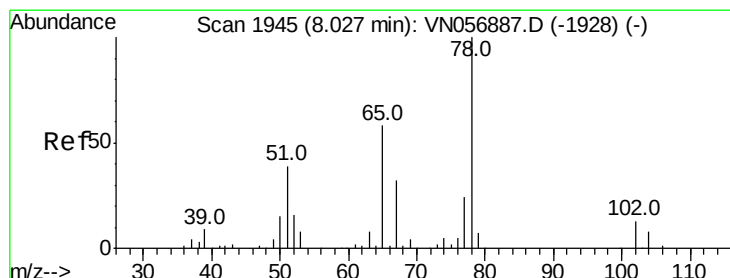
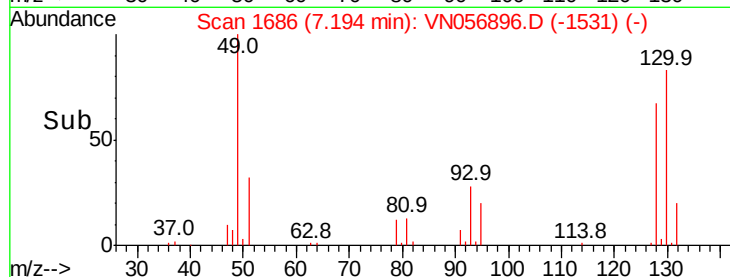
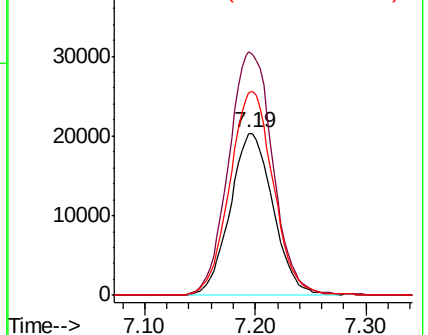
130 127.8 0.0 322.5



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: 29.722 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN056896.D

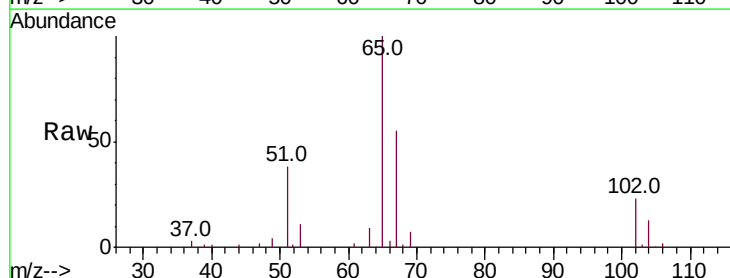
Acq: 24 Jul 2019 00:18

Tgt Ion: 65 Resp: 106644

Ion Ratio Lower Upper

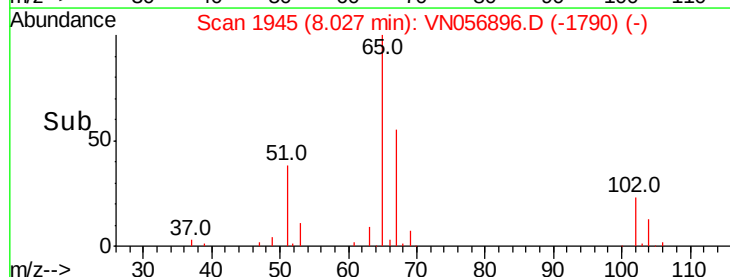
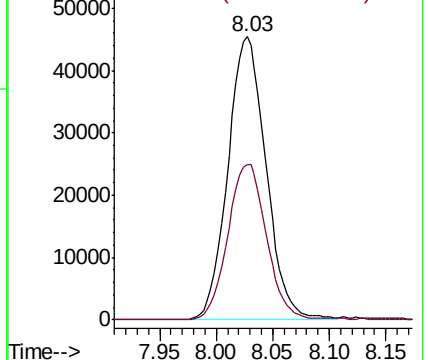
65 100

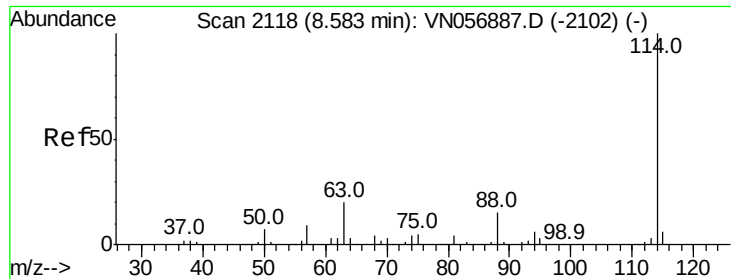
67 55.5 44.6 66.8



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

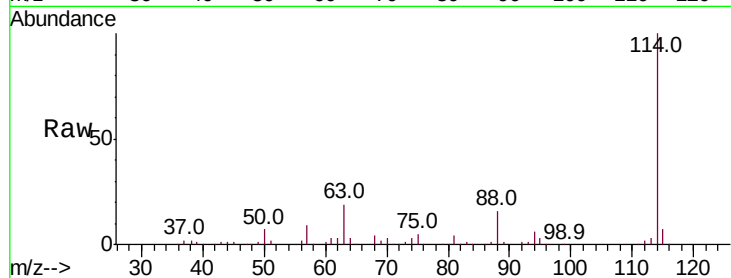




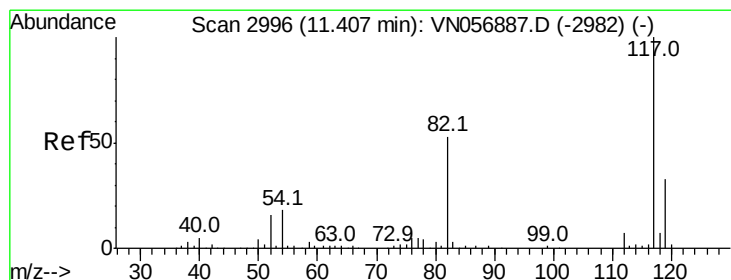
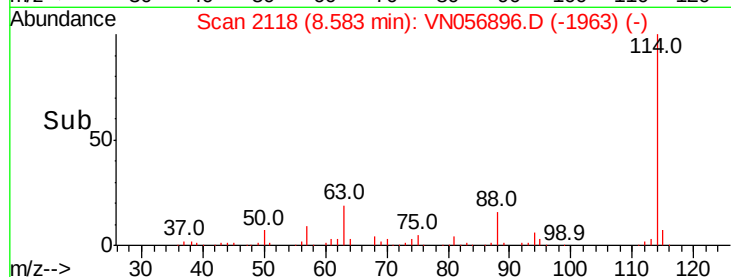
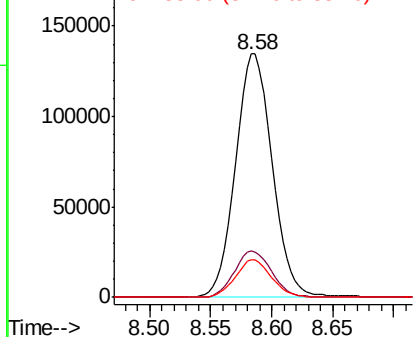
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056896.D
 Acq: 24 Jul 2019 00:18

Instrument :
 MSVOA_N
 ClientSampled :
 TANK-1

Tot Ion:114 Resp: 280841
 Ion Ratio Lower Upper
 114 100
 63 19.4 15.8 23.6
 88 15.2 12.5 18.7

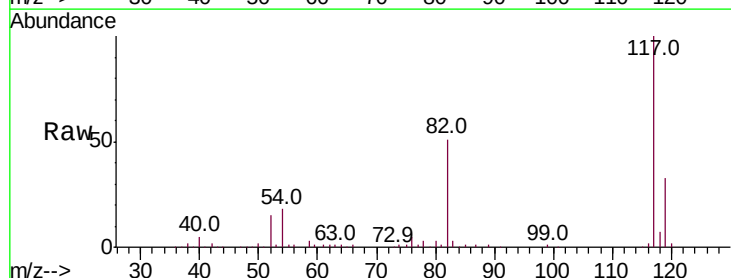


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 88.00 (87.70 to 88.70): VN

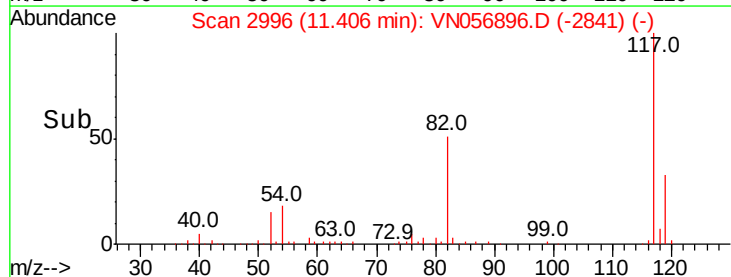
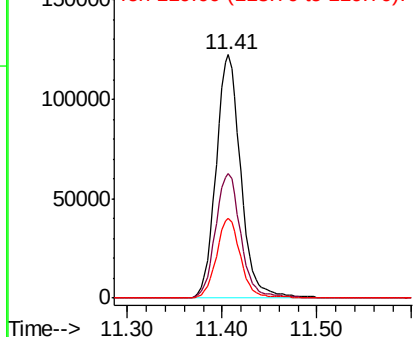


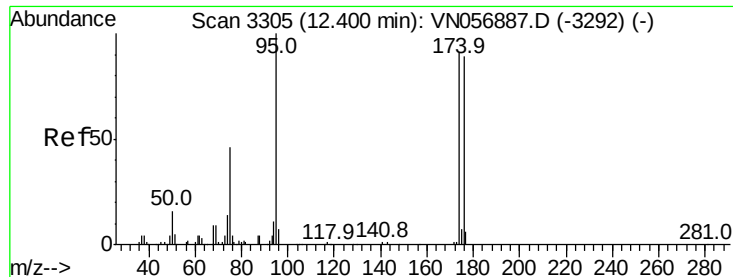
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: VN056896.D
 Acq: 24 Jul 2019 00:18

Tgt Ion:117 Resp: 222356
 Ion Ratio Lower Upper
 117 100
 82 52.5 43.0 64.4
 119 32.1 26.2 39.2



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: 21.582 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056896.D

Acq: 24 Jul 2019 00:18

Instrument :

MSVOA_N

ClientSampled :

TANK-1

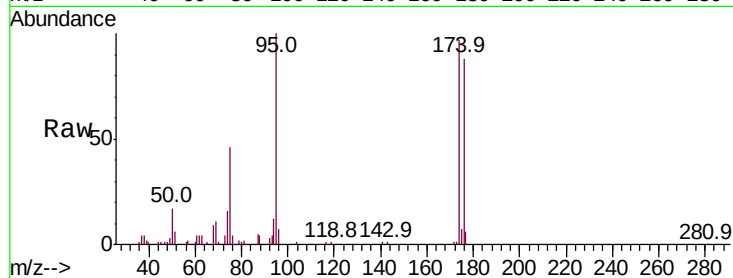
Tot Ion: 95 Resp: 71924

Ion Ratio Lower Upper

95 100

174 95.4 71.9 107.9

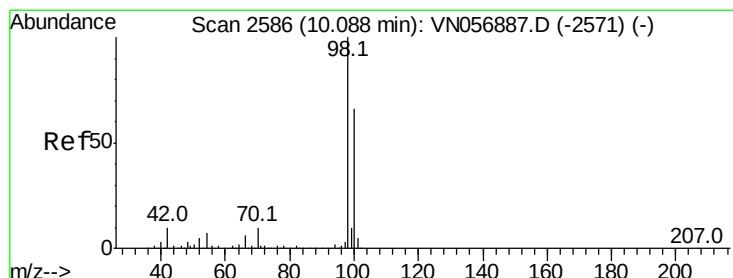
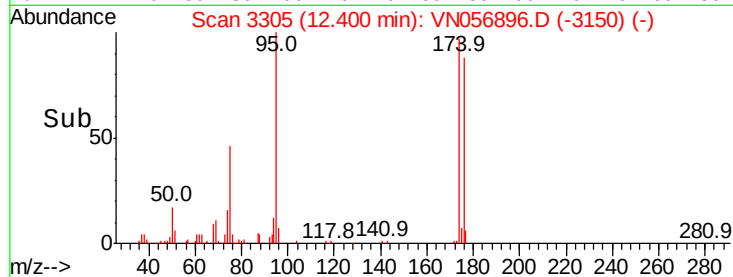
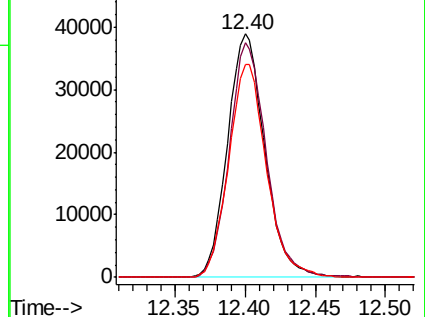
176 88.5 69.8 104.8



Abundance Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): VN

Ion 176.00 (175.70 to 176.70): VN



#63

Toluene-d8

Concen: 31.615 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056896.D

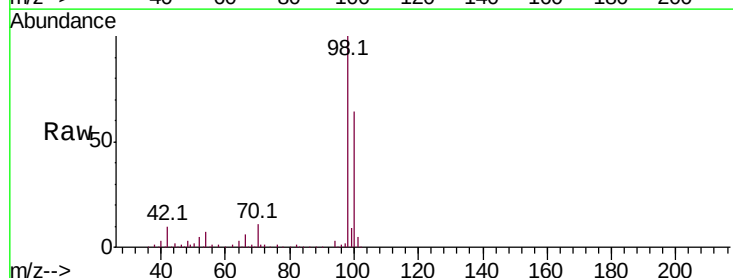
Acq: 24 Jul 2019 00:18

Tgt Ion: 98 Resp: 332073

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

