

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080119\
 Data File : VN057024.D
 Acq On : 1 Aug 2019 9:40
 Operator : JC/SP
 Sample : VN0801WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0801WBL01

Quant Time: Aug 02 05:23:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N072419W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 24 04:19:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	74042	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	387101	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.40	117	290307	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.01	65	145060	29.94	ug/l	-0.01
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.80%
60) 4-Bromofluorobenzene	12.40	95	84127	19.33	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	64.43%
63) Toluene-d8	10.08	98	449915	32.81	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	109.37%

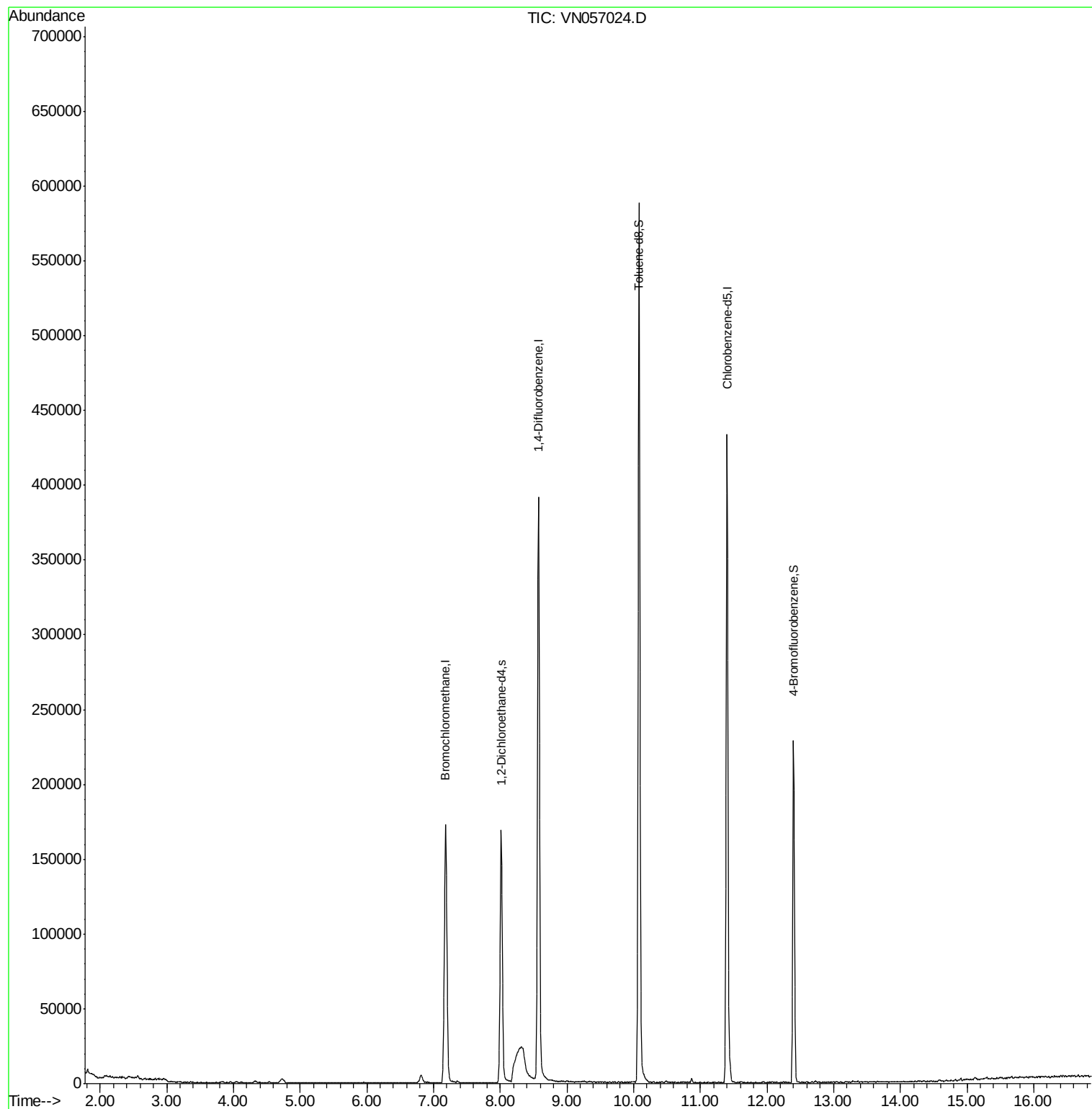
Target Compounds	Ovalue

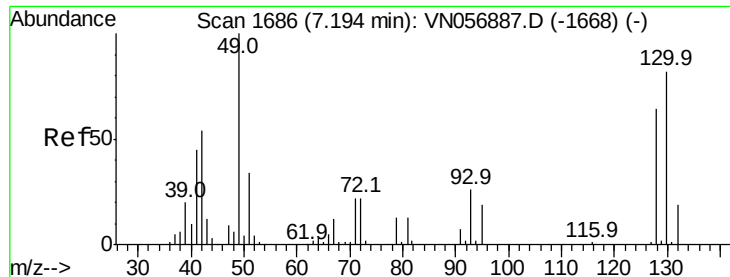
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 24 04:19:57 2019
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.18 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VN057024.D

Acq: 1 Aug 2019 9:40

Instrument :

MSVOA_N

ClientSampled :

VN0801WBL01

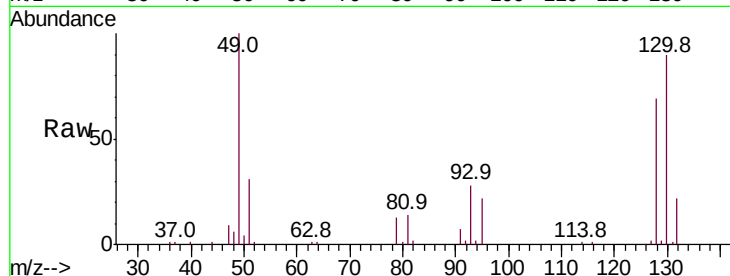
Tot Ion:128 Resp: 74042

Ion Ratio Lower Upper

128 100

49 146.1 0.0 385.8

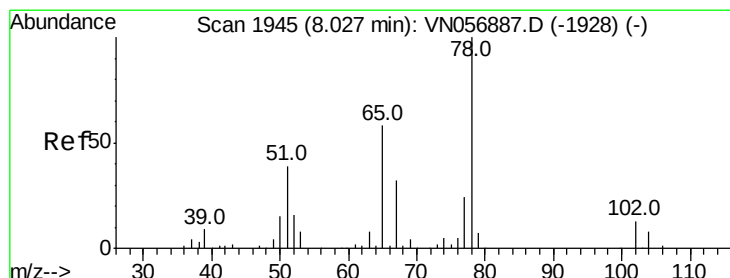
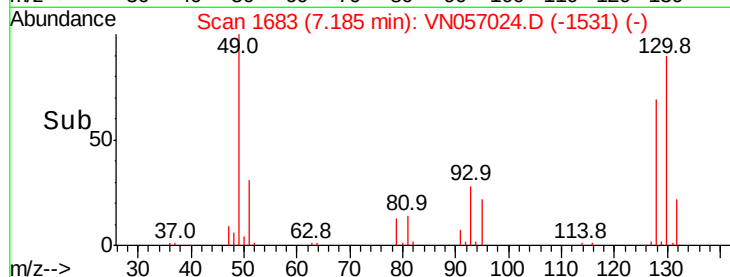
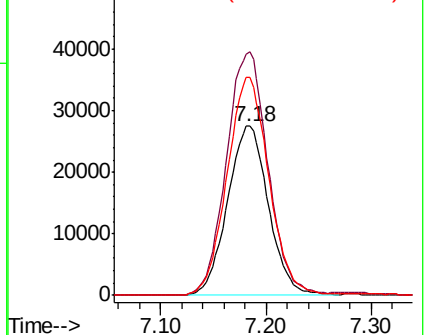
130 131.4 0.0 322.5



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: 29.936 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. -0.01 min

Lab File: VN057024.D

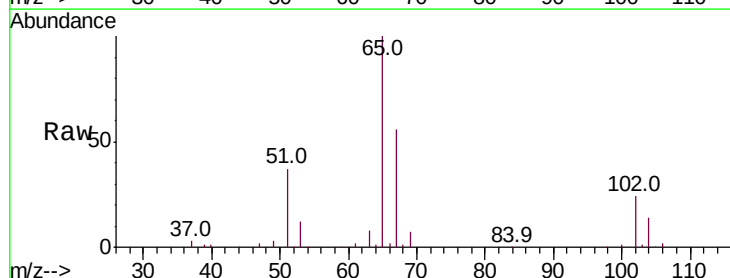
Acq: 1 Aug 2019 9:40

Tgt Ion: 65 Resp: 145060

Ion Ratio Lower Upper

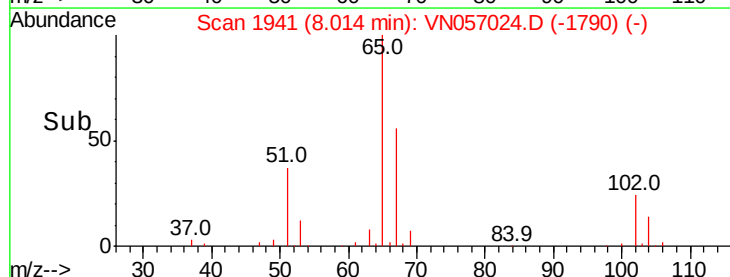
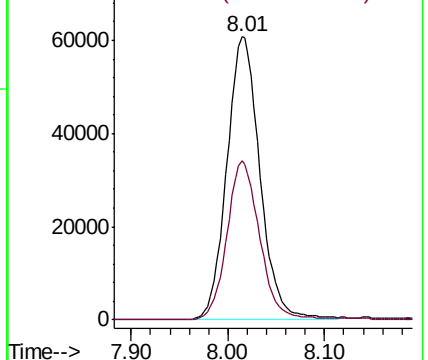
65 100

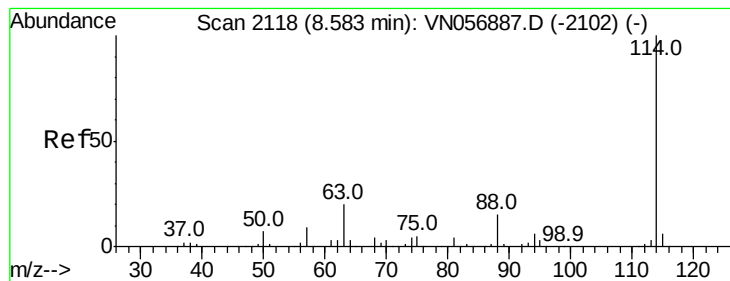
67 54.7 44.6 66.8



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# 2116

Delta R.T. -0.01 min

Lab File: VN057024.D

Acq: 1 Aug 2019 9:40

Instrument :

MSVOA_N

ClientSampleId :

VN0801WBL01

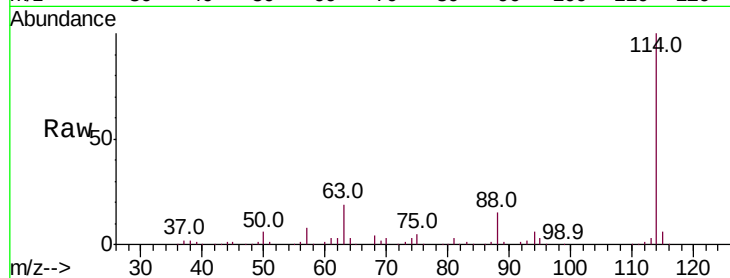
Tot Ion:114 Resp: 387101

Ion Ratio Lower Upper

114 100

63 18.8 15.8 23.6

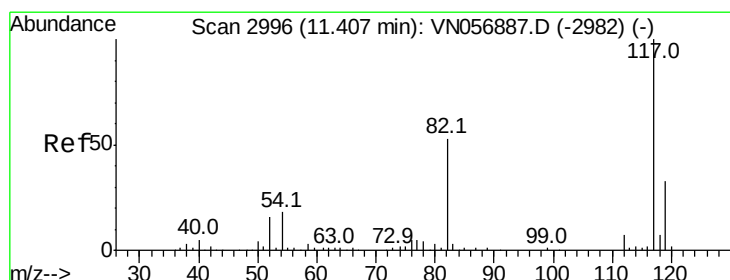
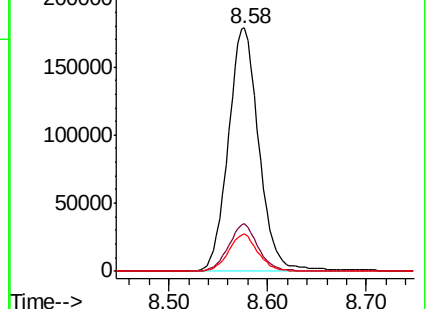
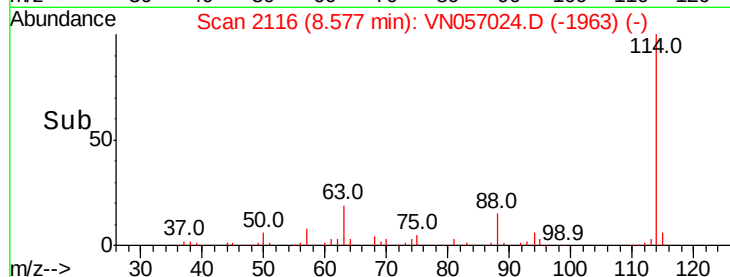
88 14.6 12.5 18.7



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 88.00 (87.70 to 88.70): VN0



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN057024.D

Acq: 1 Aug 2019 9:40

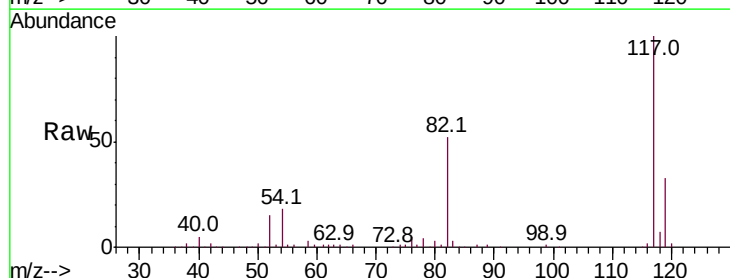
Tgt Ion:117 Resp: 290307

Ion Ratio Lower Upper

117 100

82 51.9 43.0 64.4

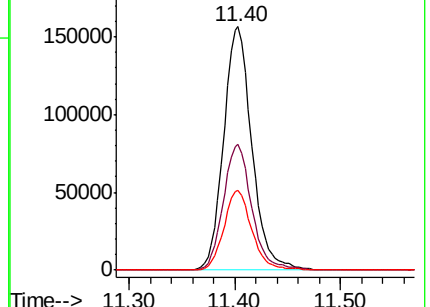
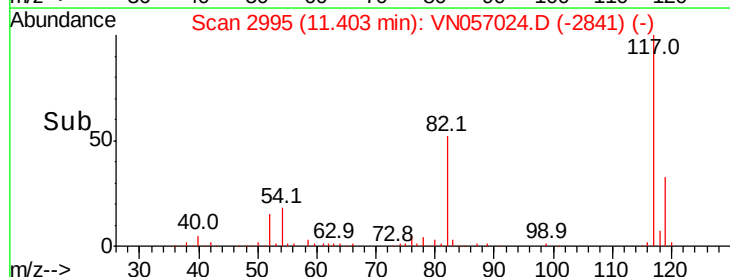
119 32.3 26.2 39.2

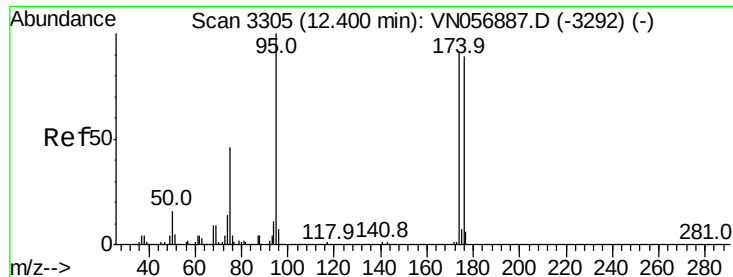


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 119.00 (118.70 to 119.70): V





#60

4-Bromofluorobenzene

Concen: 19.335 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN057024.D

Acq: 1 Aug 2019 9:40

Instrument :

MSVOA_N

ClientSampleId :

VN0801WBL01

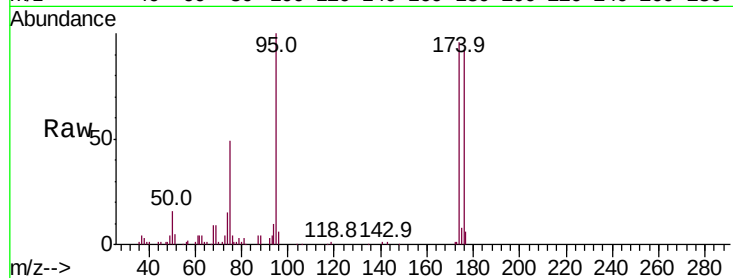
Tot Ion: 95 Resp: 84127

Ion Ratio Lower Upper

95 100

174 95.5 71.9 107.9

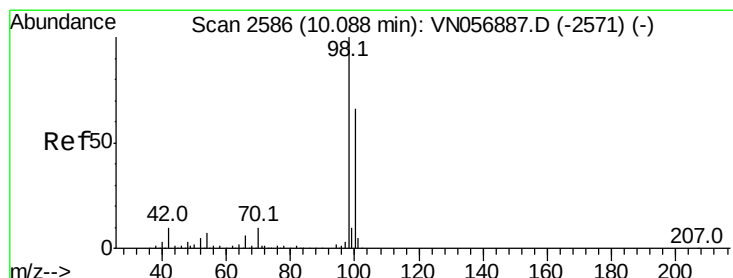
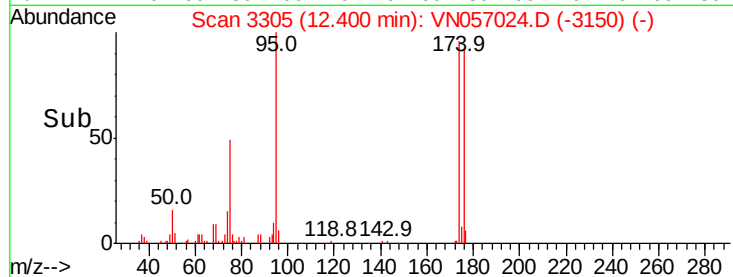
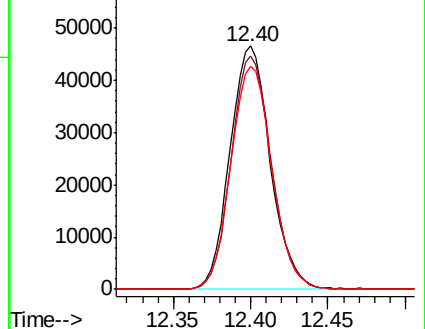
176 93.0 69.8 104.8



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: 32.808 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. -0.01 min

Lab File: VN057024.D

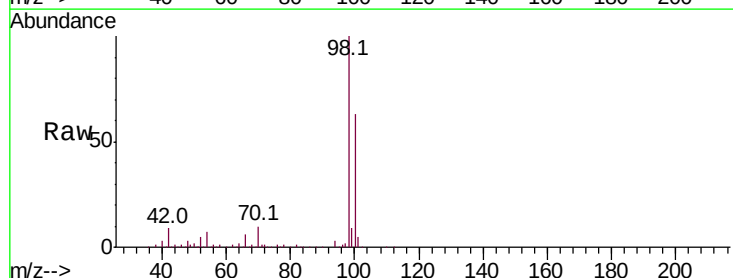
Acq: 1 Aug 2019 9:40

Tgt Ion: 98 Resp: 449915

Ion Ratio Lower Upper

98 100

100 63.7 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

