

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011520\
 Data File : VX014615.D
 Acq On : 15 Jan 2020 13:35
 Operator : JC/SP
 Sample : VX0115WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBL01

Quant Time: Jan 16 01:50:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	75975	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	414131	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	364506	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.05	65	160623	30.08	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.27%
60) 4-Bromofluorobenzene	11.13	95	158738	27.21	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	90.70%
63) Toluene-d8	8.71	98	490153	29.77	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.23%

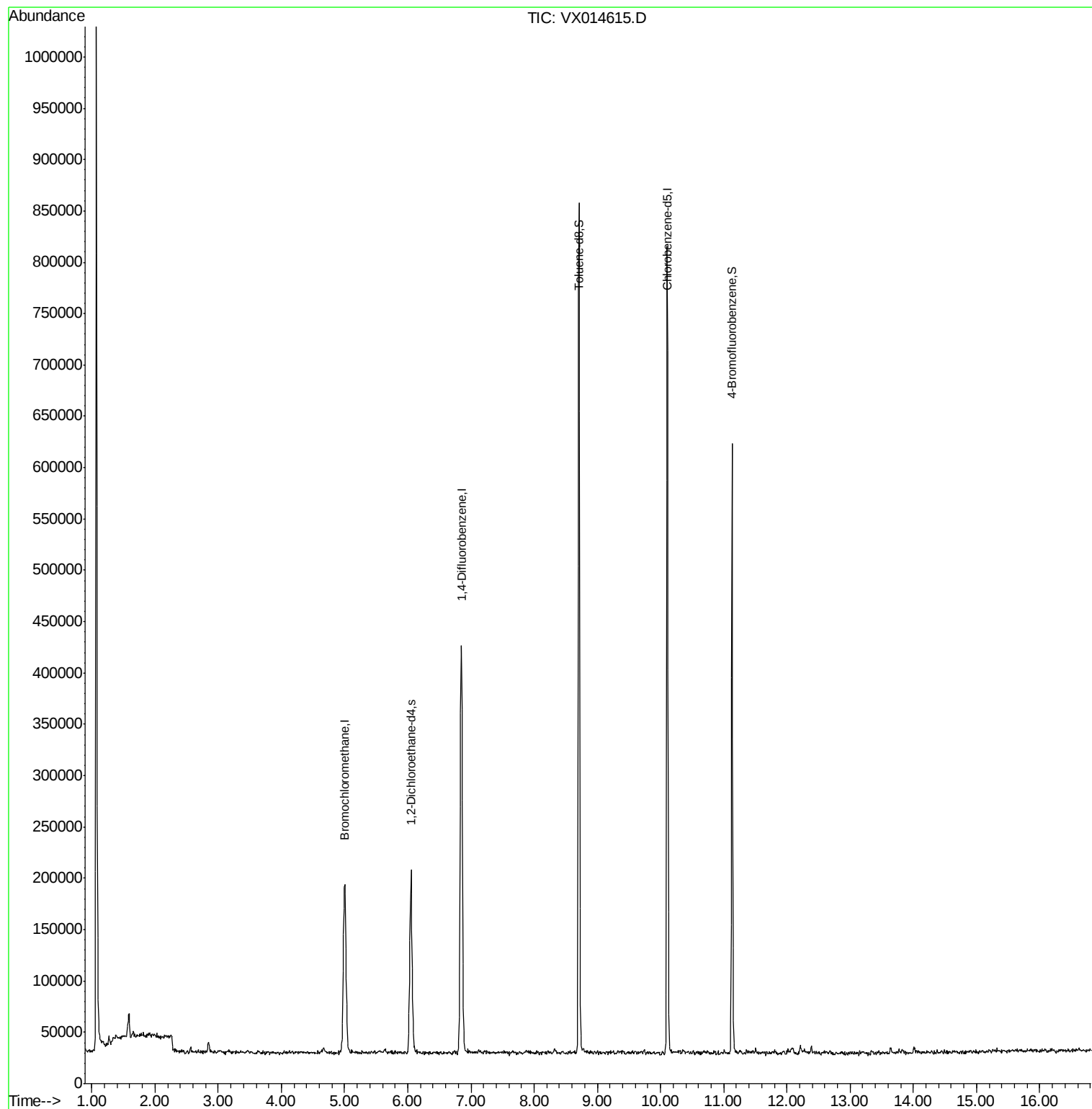
Target Compounds	Ovalue

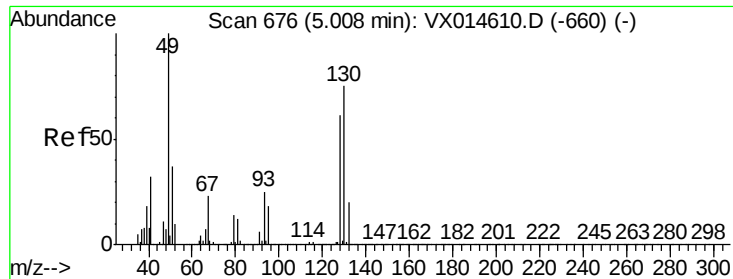
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 16 01:50:45 2020
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jan 15 12:41:12 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX014615.D

Acq: 15 Jan 2020 13:35

Instrument :

MSVOA_X

ClientSampled :

VX0115WBL01

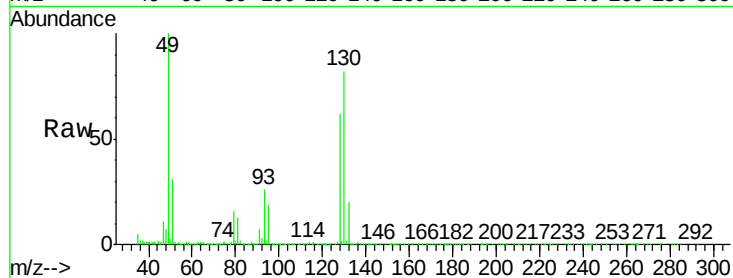
Tot Ion:128 Resp: 75975

Ion Ratio Lower Upper

128 100

49 158.7 0.0 405.0

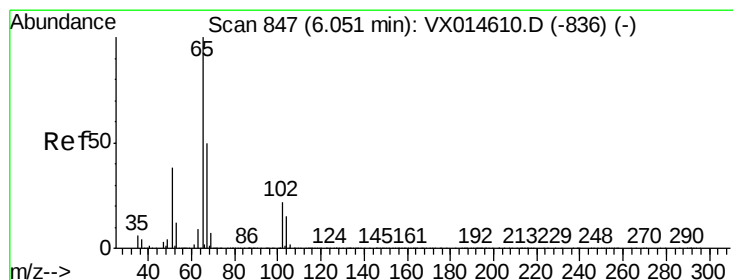
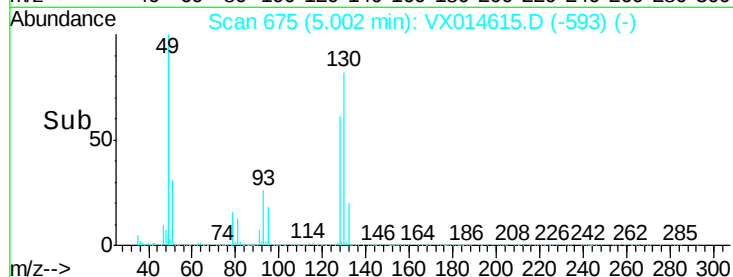
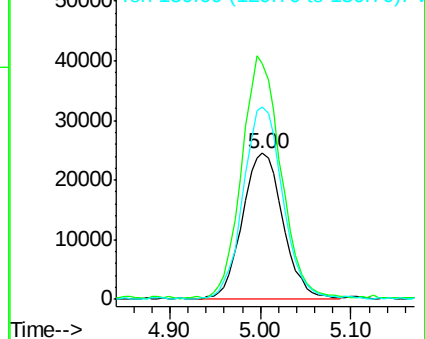
130 128.5 0.0 321.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#27

1,2-Dichloroethane-d4

Concen: 30.078 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014615.D

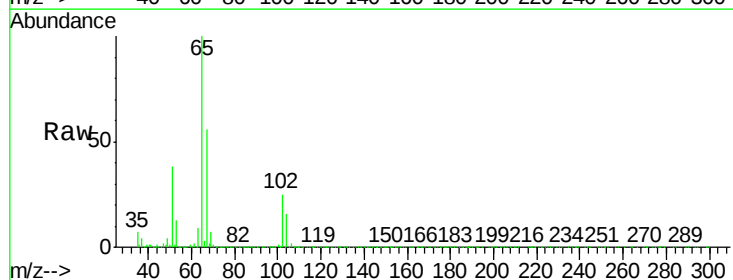
Acq: 15 Jan 2020 13:35

Tgt Ion: 65 Resp: 160623

Ion Ratio Lower Upper

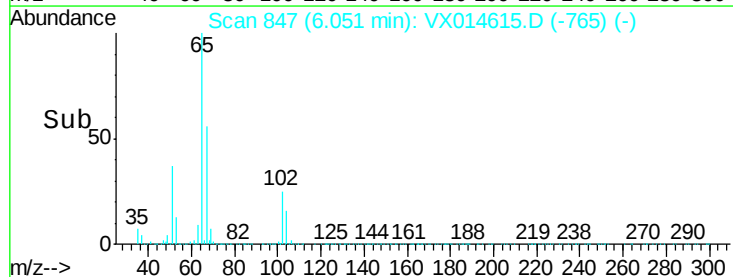
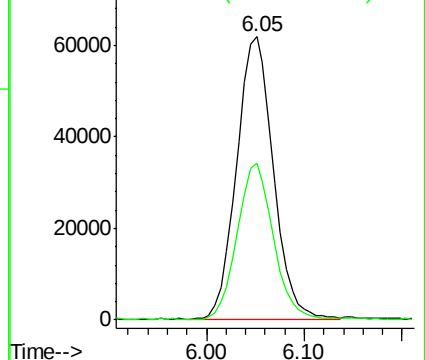
65 100

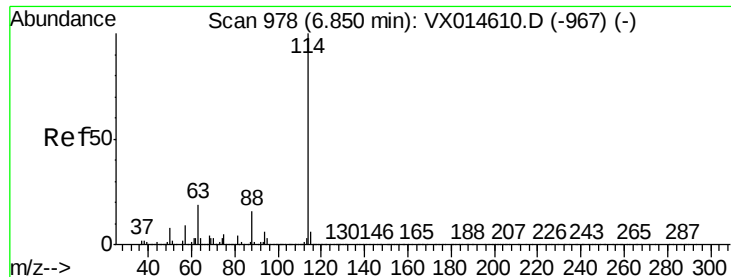
67 54.0 43.1 64.7



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014615.D

Acq: 15 Jan 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBL01

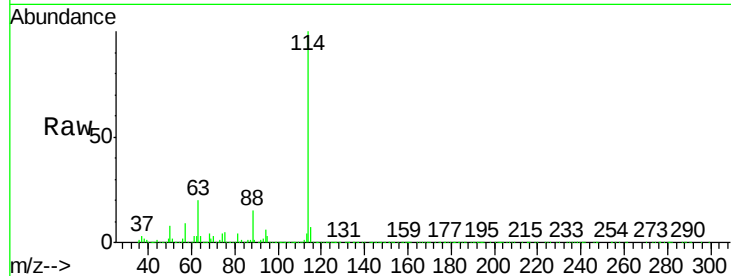
Tot Ion:114 Resp: 414131

Ion Ratio Lower Upper

114 100

63 20.4 16.1 24.1

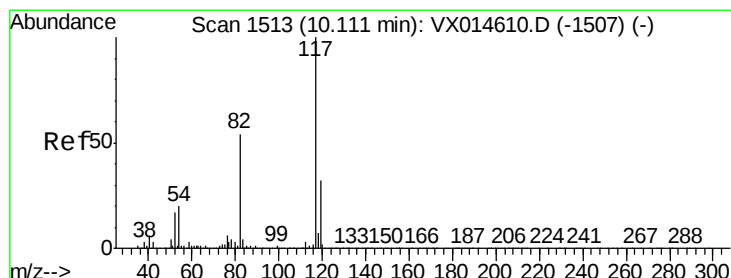
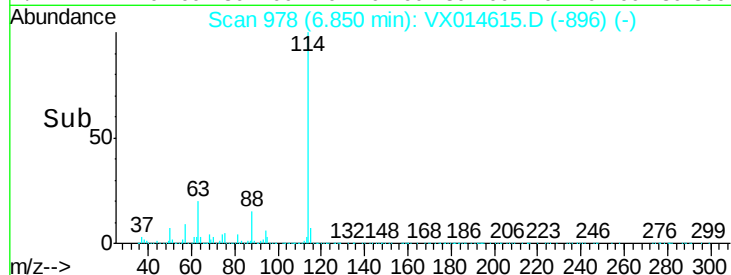
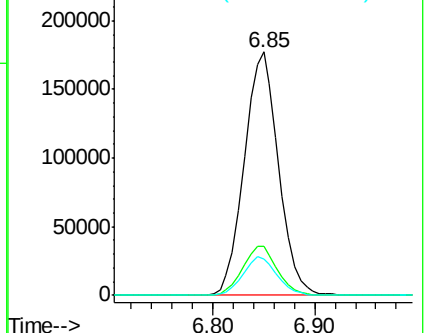
88 15.7 12.5 18.7



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.11 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX014615.D

Acq: 15 Jan 2020 13:35

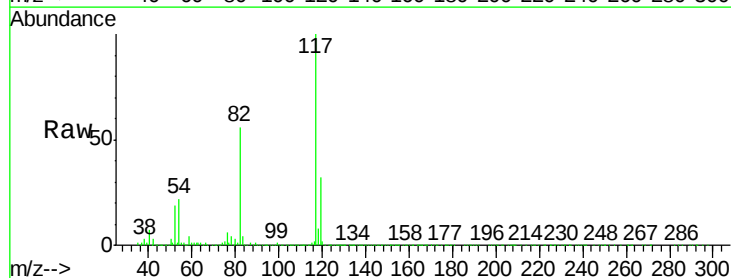
Tgt Ion:117 Resp: 364506

Ion Ratio Lower Upper

117 100

82 54.5 43.8 65.6

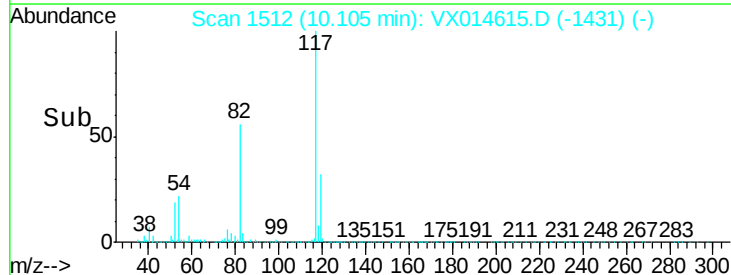
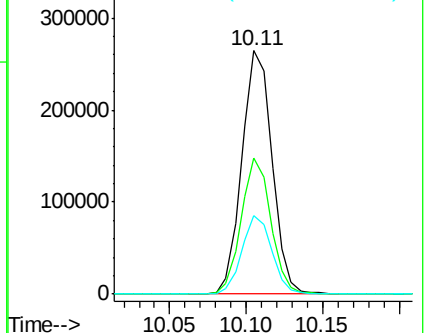
119 32.0 25.8 38.6

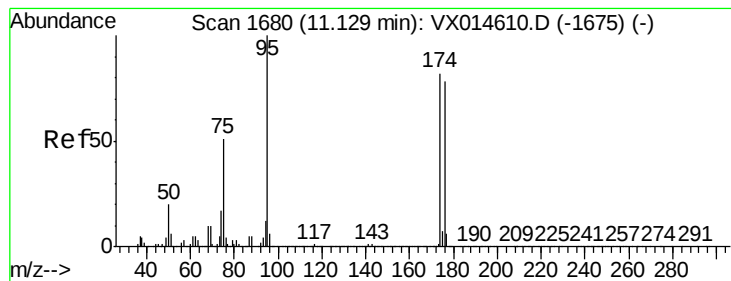


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V





#60

4-Bromofluorobenzene

Concen: 27.215 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014615.D

Acq: 15 Jan 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBL01

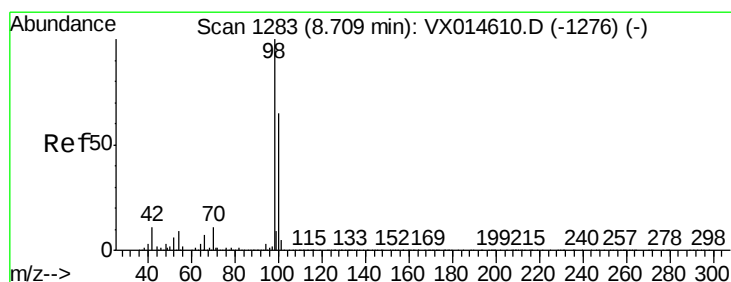
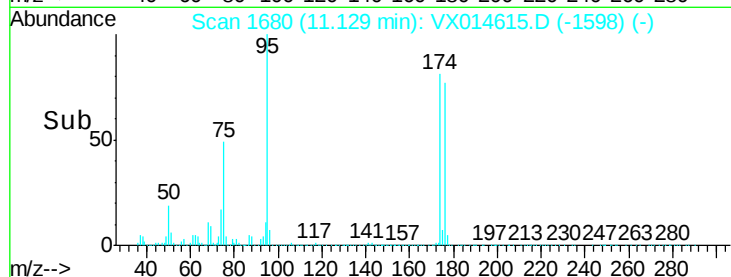
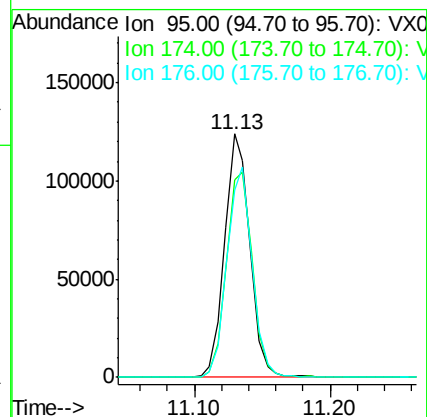
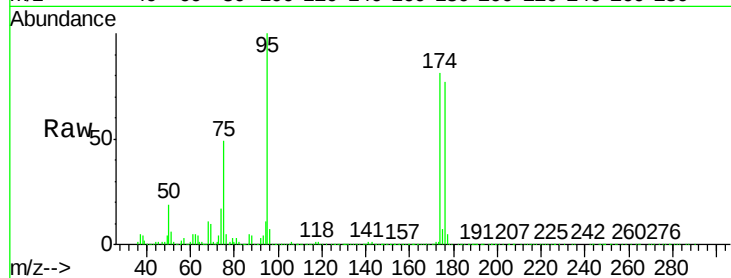
Tot Ion: 95 Resp: 158738

Ion Ratio Lower Upper

95 100

174 87.4 70.2 105.2

176 86.2 68.3 102.5



#63

Toluene-d8

Concen: 29.770 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014615.D

Acq: 15 Jan 2020 13:35

Tgt Ion: 98 Resp: 490153

Ion Ratio Lower Upper

98 100

100 65.7 52.2 78.2

