

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032719\
 Data File : VX008479.D
 Acq On : 27 Mar 2019 13:49
 Operator : JC/SP
 Sample : VX0327WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBL01

Quant Time: Mar 28 02:17:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	35566	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	205159	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	176013	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.06	65	89539	30.09	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.30%
60) 4-Bromofluorobenzene	11.13	95	86133	28.09	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.63%
63) Toluene-d8	8.71	98	254638	30.48	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.60%

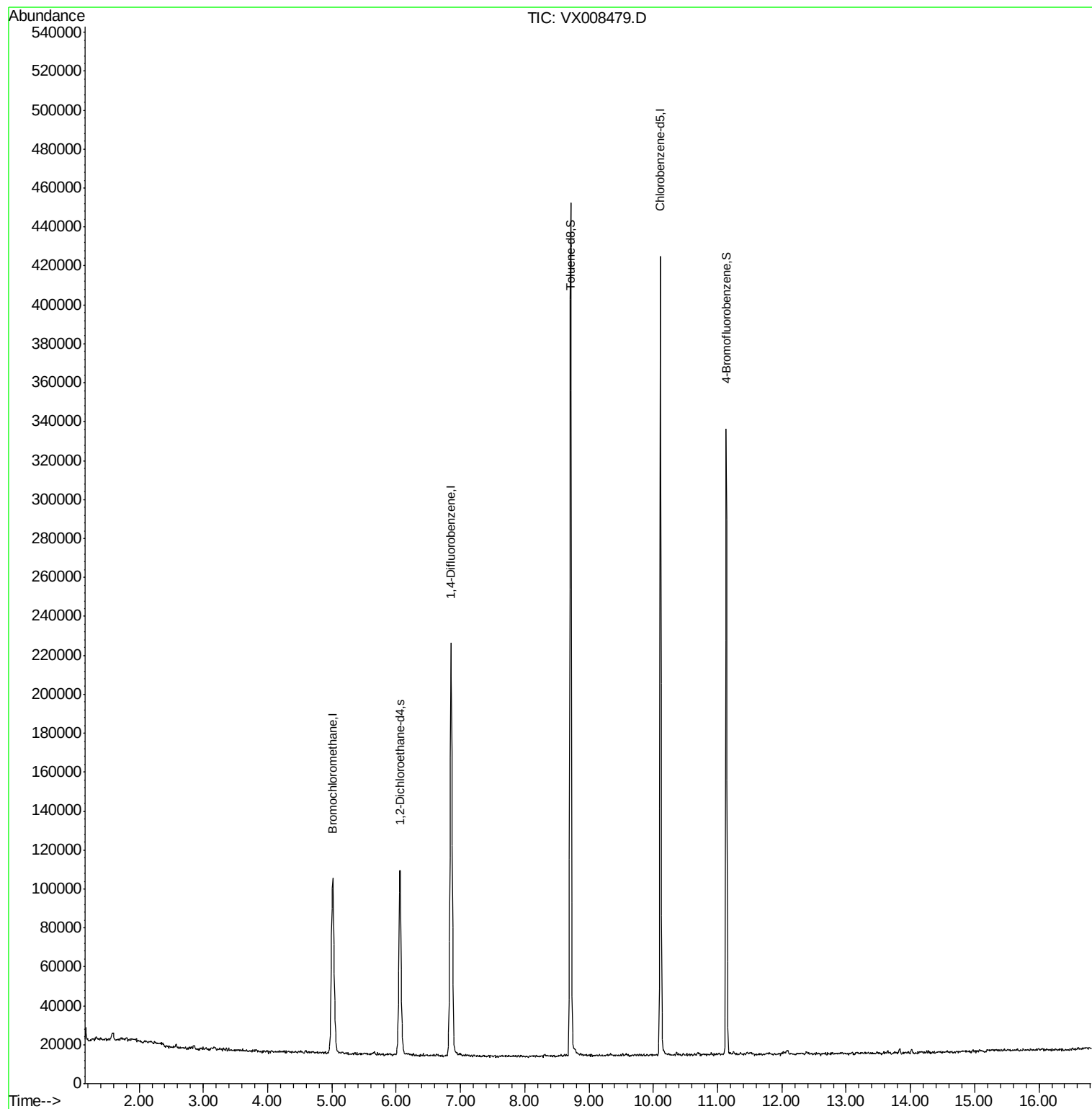
Target Compounds	Ovalue

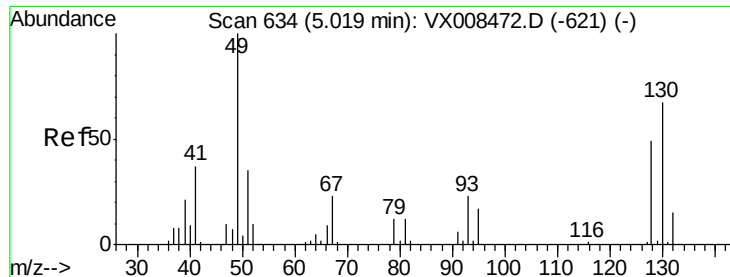
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 27 12:01:15 2019
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

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Instrument :

MSVOA_X

ClientSampleId :

VX0327WBL01

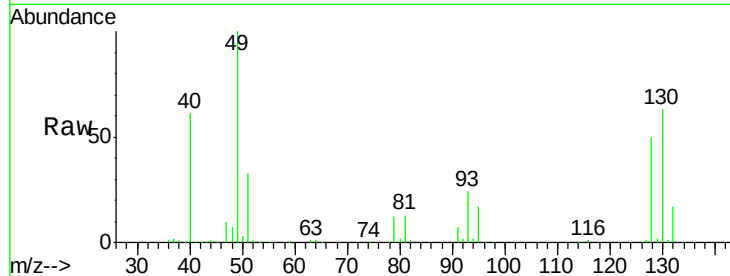
Tot Ion:128 Resp: 35566

Ion Ratio Lower Upper

128 100

49 202.6 0.0 350.8

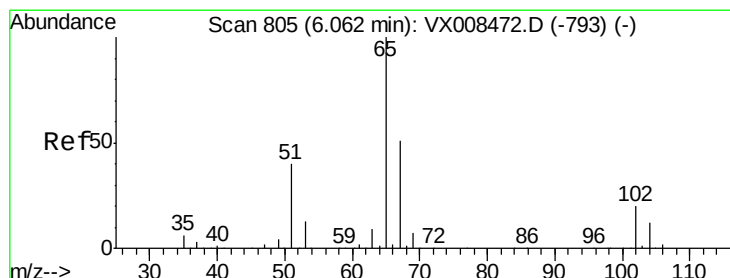
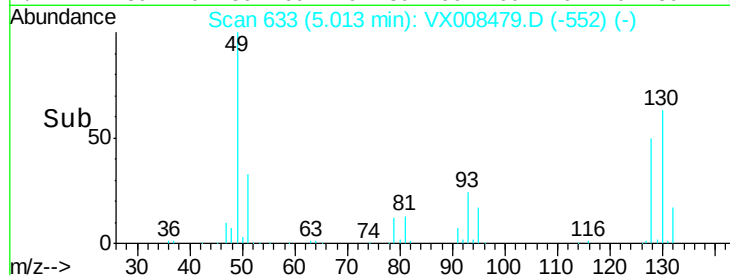
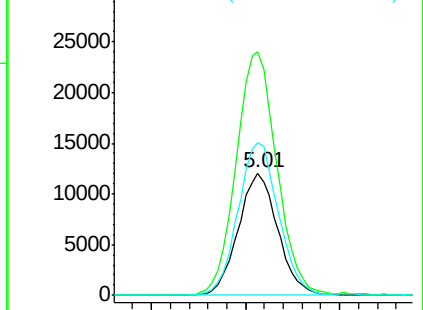
130 127.1 0.0 325.8



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: 30.095 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008479.D

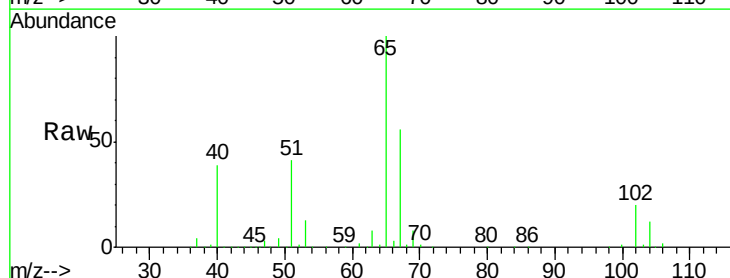
Acq: 27 Mar 2019 13:49

Tgt Ion: 65 Resp: 89539

Ion Ratio Lower Upper

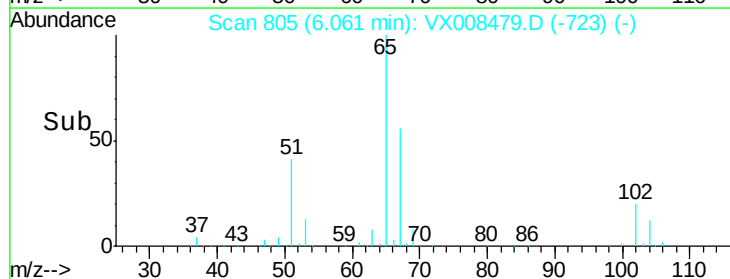
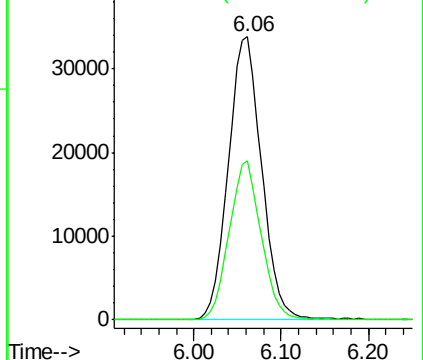
65 100

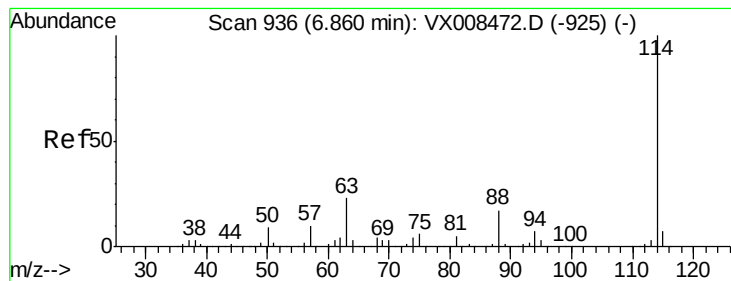
67 53.9 42.9 64.3



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# 935

Delta R.T. -0.01 min

Lab File: VX008479.D

Acq: 27 Mar 2019 13:49

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBL01

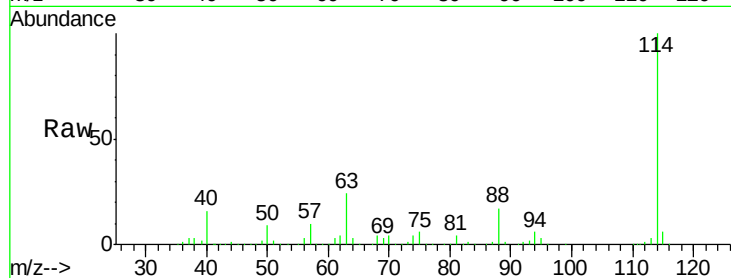
Tot Ion:114 Resp: 205159

Ion Ratio Lower Upper

114 100

63 23.4 14.2 21.4#

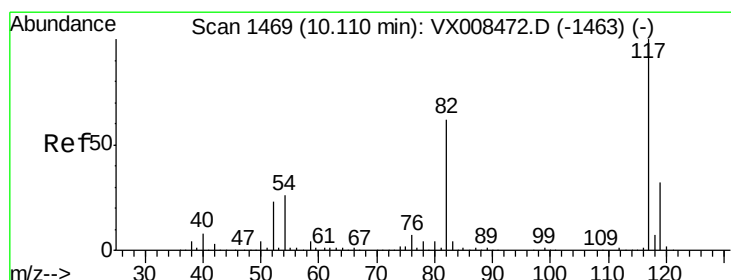
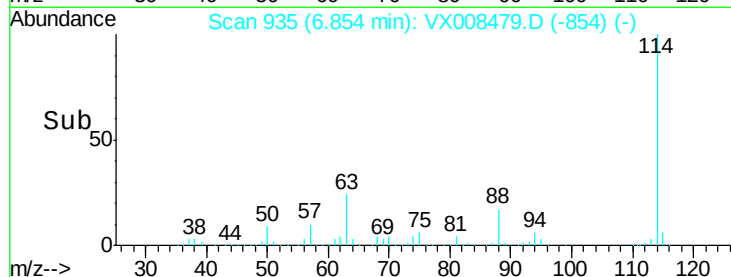
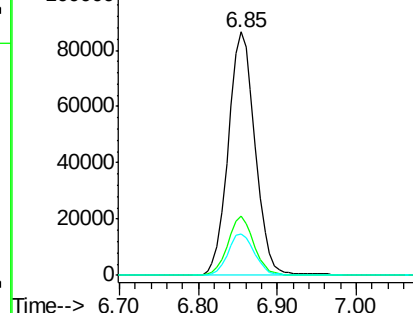
88 16.9 11.9 17.9



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# 1469

Delta R.T. -0.00 min

Lab File: VX008479.D

Acq: 27 Mar 2019 13:49

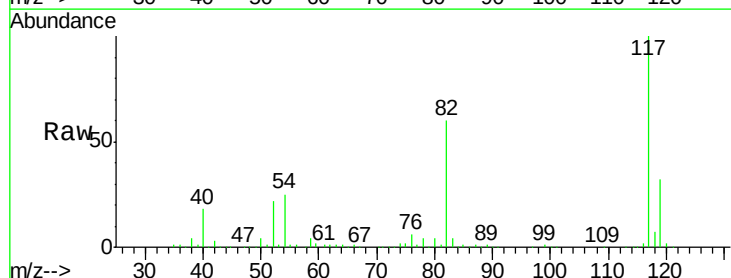
Tgt Ion:117 Resp: 176013

Ion Ratio Lower Upper

117 100

82 60.3 40.4 60.6

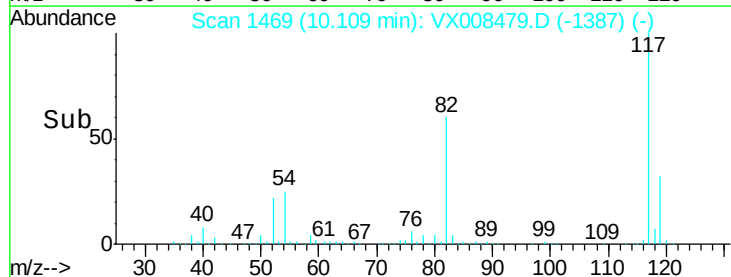
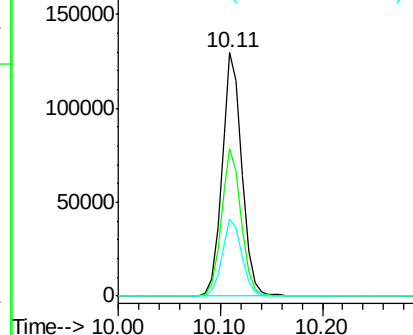
119 31.9 25.8 38.6

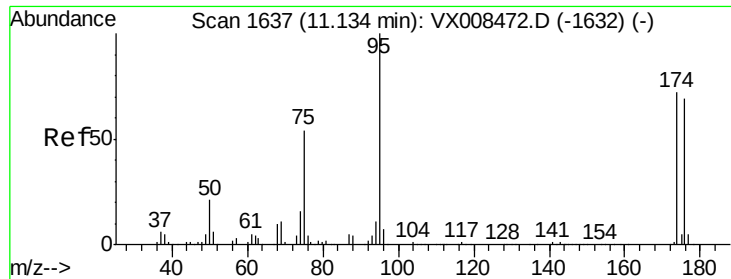


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V





#60

4-Bromofluorobenzene

Concen: 28.086 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

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Instrument :

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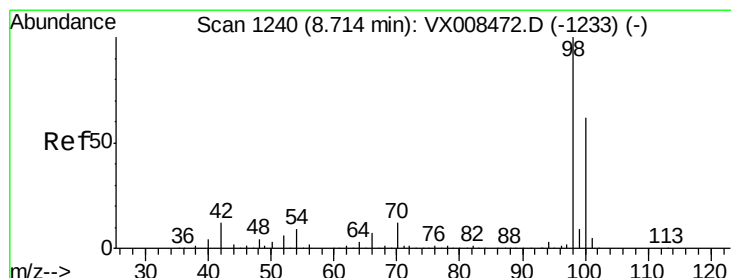
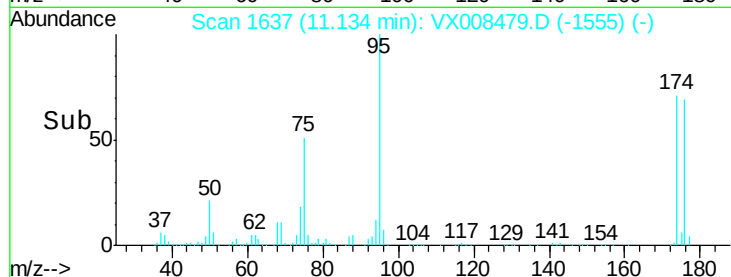
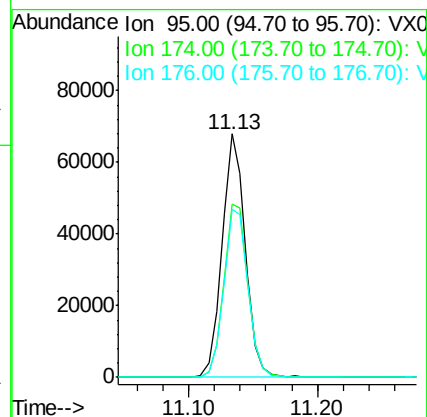
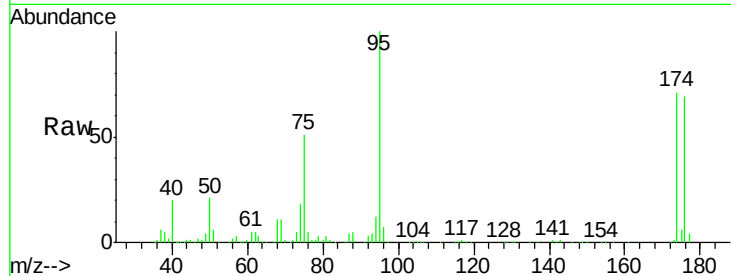
Tot Ion: 95 Resp: 86133

Ion Ratio Lower Upper

95 100

174 74.4 74.9 112.3#

176 72.3 70.7 106.1



#63

Toluene-d8

Concen: 30.478 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008479.D

Acq: 27 Mar 2019 13:49

Tgt Ion: 98 Resp: 254638

Ion Ratio Lower Upper

98 100

100 63.8 50.9 76.3

