

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003899.D
 Acq On : 08 Aug 2018 00:32
 Operator : JC/MD
 Sample : J4342-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GROUNDWATER

Quant Time: Aug 08 13:30:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072718W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 27 16:17:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	69280	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	361823	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	327649	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	146219	28.75	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.83%
60) 4-Bromofluorobenzene	11.14	95	134831	25.56	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	85.20%
63) Toluene-d8	8.72	98	423765	28.71	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	95.70%

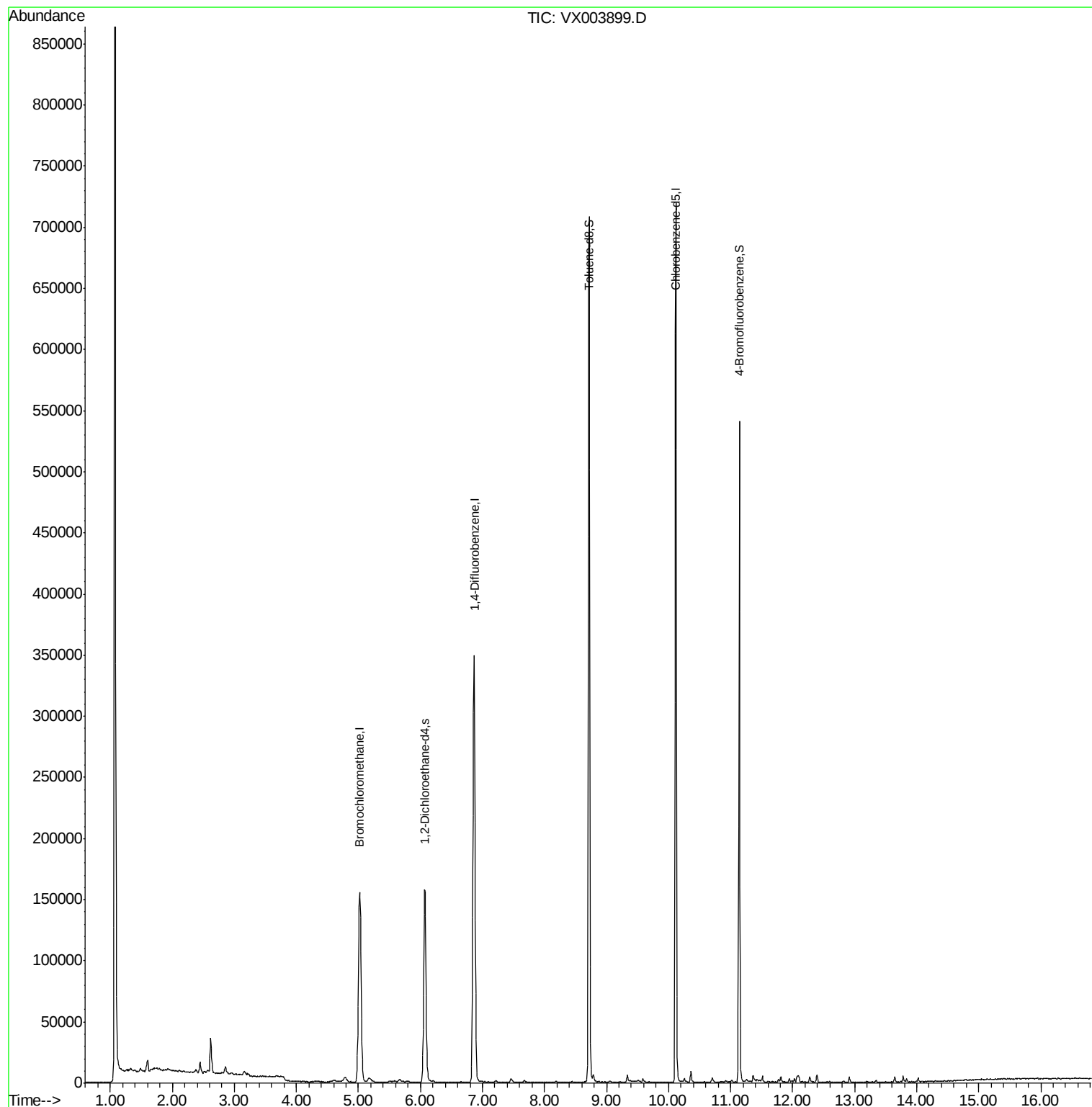
Target Compounds	Ovalue

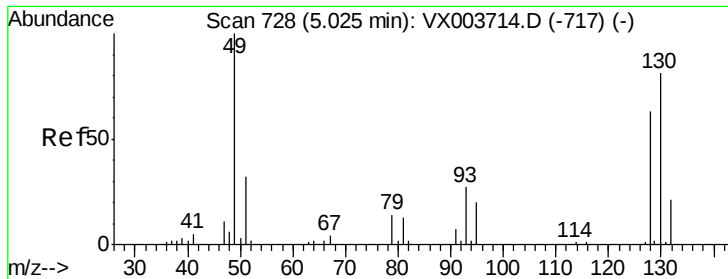
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 27 16:17:43 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX003899.D

Acq: 08 Aug 2018 00:32

Instrument :

MSVOA_X

ClientSampleId :

GROUNDWATER

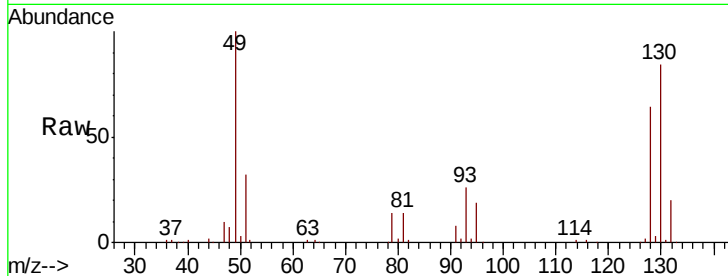
Tot Ion:128 Resp: 69280

Ion Ratio Lower Upper

128 100

49 155.1 0.0 423.0

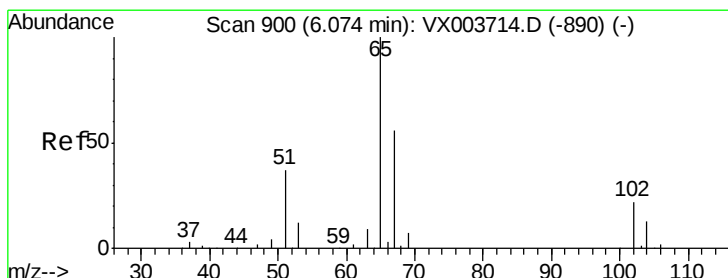
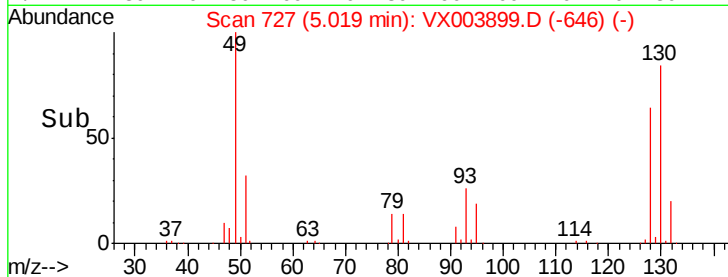
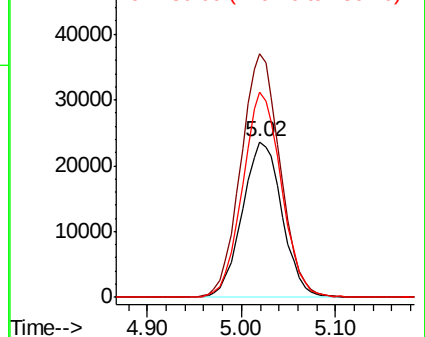
130 129.3 0.0 324.3



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: 28.75 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX003899.D

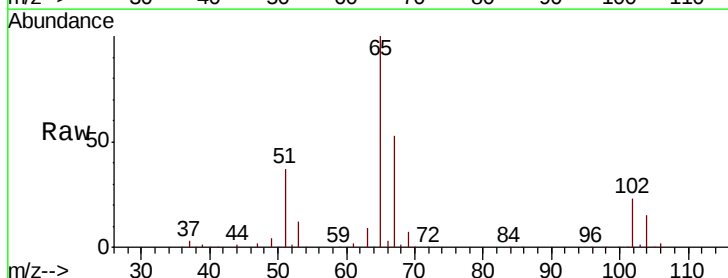
Acq: 08 Aug 2018 00:32

Tgt Ion: 65 Resp: 146219

Ion Ratio Lower Upper

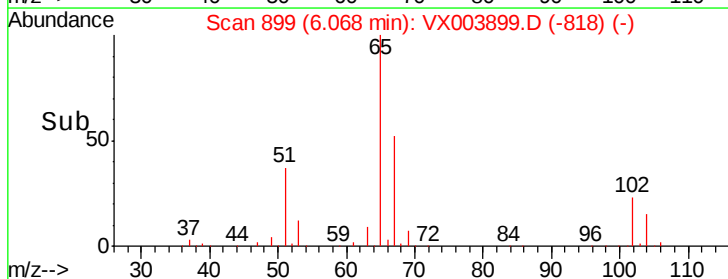
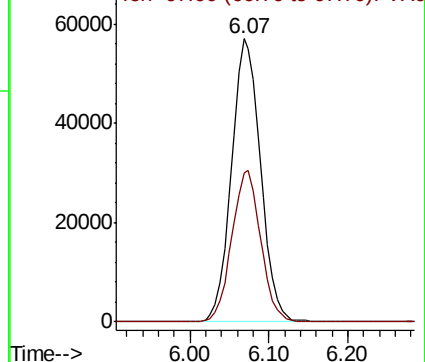
65 100

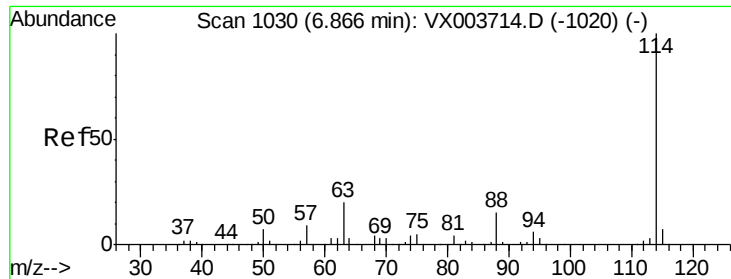
67 53.3 40.9 61.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

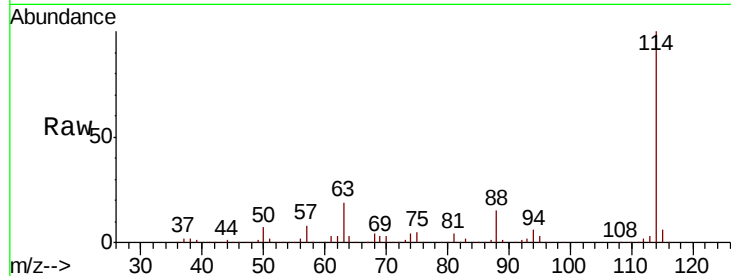




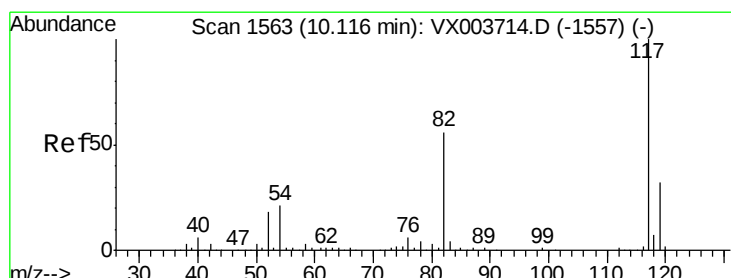
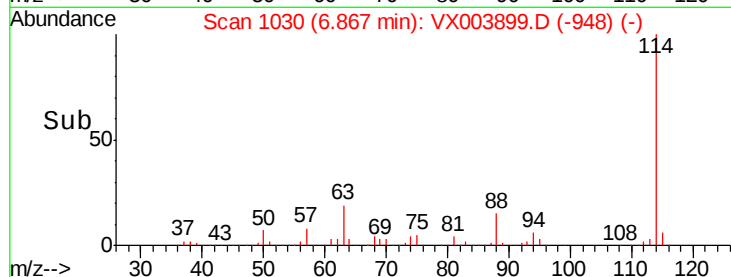
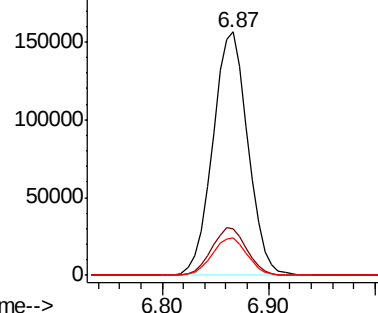
#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003899.D
 Acq: 08 Aug 2018 00:32

Instrument :
 MSVOA_X
 ClientSampleId :
 GROUNDWATER

Tot Ion:114 Resp: 361823
 Ion Ratio Lower Upper
 114 100
 63 19.8 17.1 25.7
 88 15.4 12.6 19.0

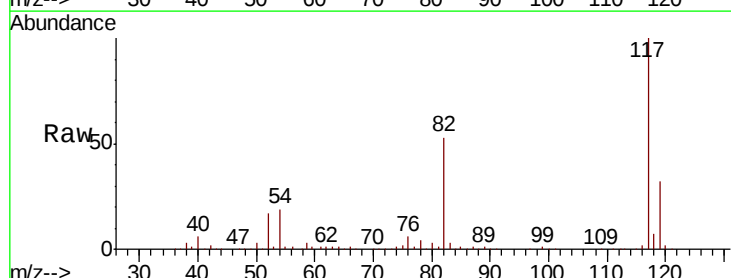


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 88.00 (87.70 to 88.70): VX0

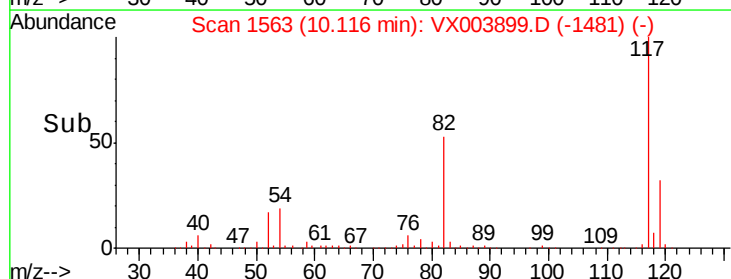
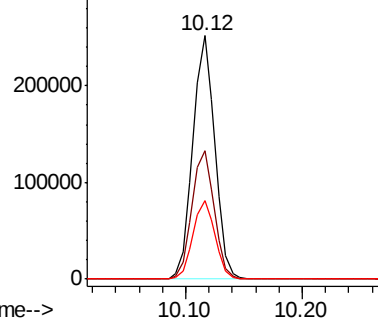


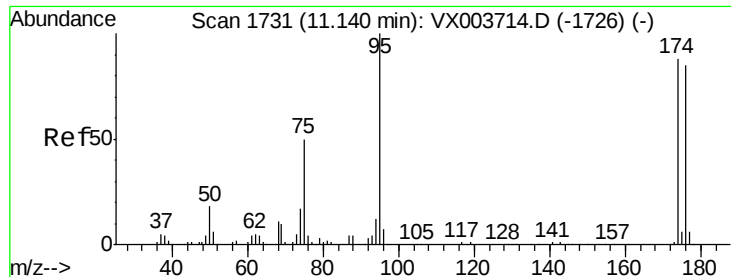
#57
 Chlorobenzene-d5
 Concen: 30.00 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VX003899.D
 Acq: 08 Aug 2018 00:32

Tgt Ion:117 Resp: 327649
 Ion Ratio Lower Upper
 117 100
 82 53.7 44.3 66.5
 119 32.4 25.7 38.5



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: 25.56 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003899.D

Acq: 08 Aug 2018 00:32

Instrument :

MSVOA_X

ClientSampleId :

GROUNDWATER

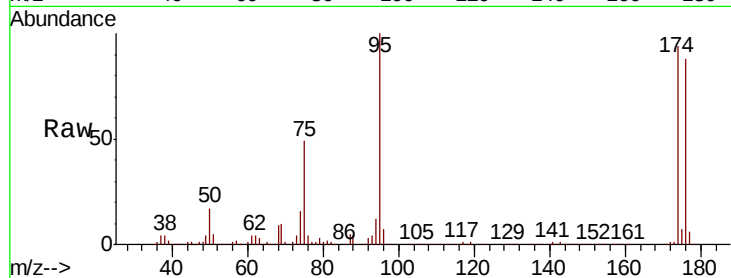
Tot Ion: 95 Resp: 134831

Ion Ratio Lower Upper

95 100

174 92.7 71.8 107.6

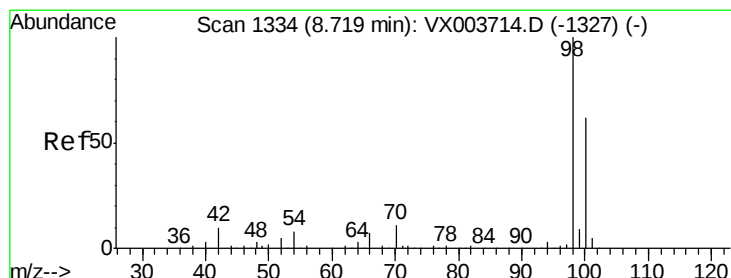
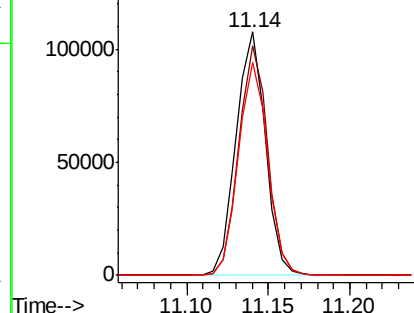
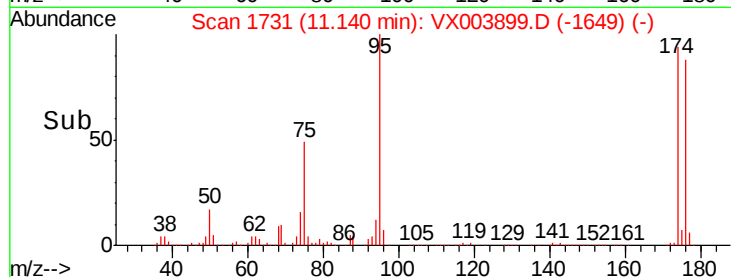
176 87.4 70.1 105.1



Abundance Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Toluene-d8

Concen: 28.71 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003899.D

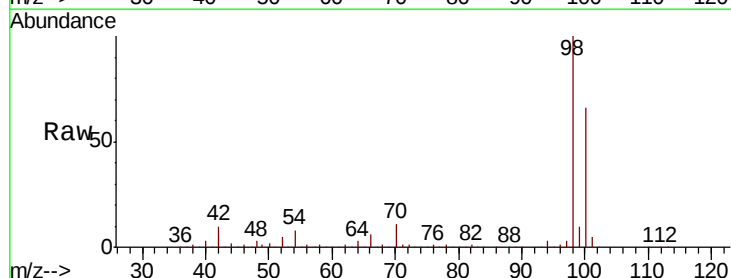
Acq: 08 Aug 2018 00:32

Tgt Ion: 98 Resp: 423765

Ion Ratio Lower Upper

98 100

100 65.6 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

