

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062218\
 Data File : VX002830.D
 Acq On : 22 Jun 2018 12:42
 Operator : JC/MD
 Sample : VX0622WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBL01

Quant Time: Jun 22 13:46:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 15:18:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	47687	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	257151	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	235596	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	110892	30.45	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery	=	101.50%	
60) 4-Bromofluorobenzene	11.14	95	106635	27.40	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery	=	91.33%	
63) Toluene-d8	8.72	98	305442	29.68	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery	=	98.93%	

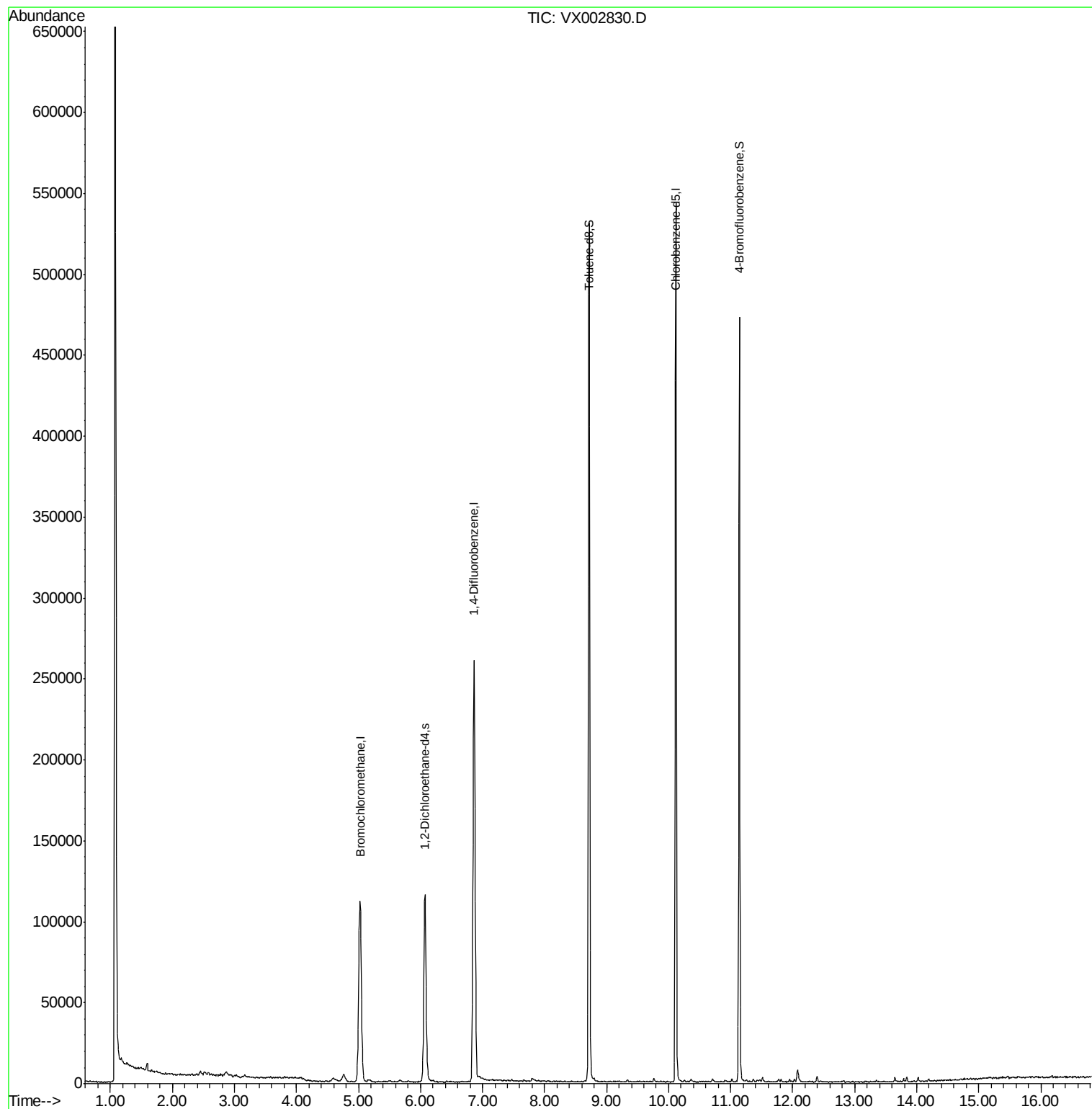
Target Compounds	Ovalue

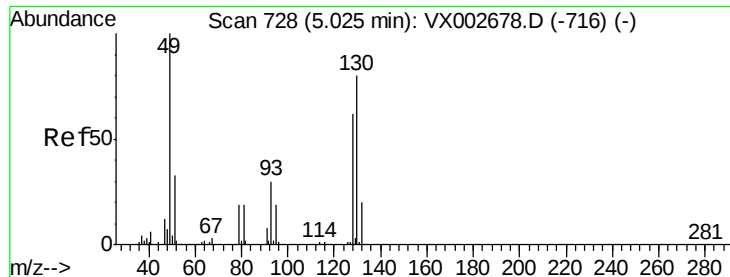
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jun 18 15:18:02 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX002830.D

Acq: 22 Jun 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBL01

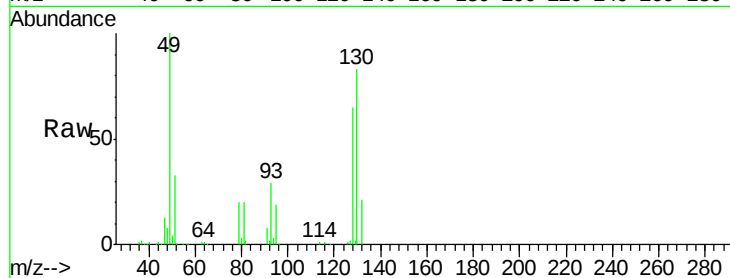
Tot Ion:128 Resp: 47687

Ion Ratio Lower Upper

128 100

49 158.1 0.0 423.0

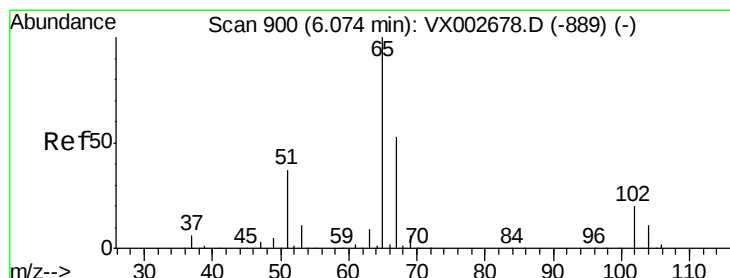
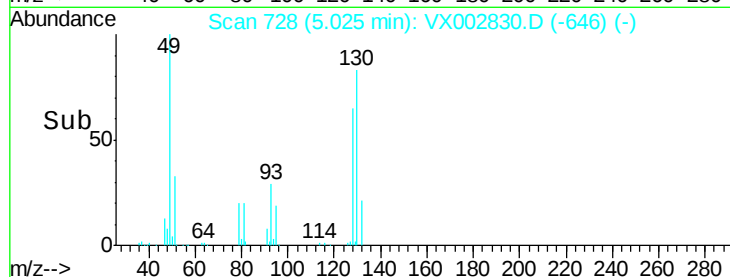
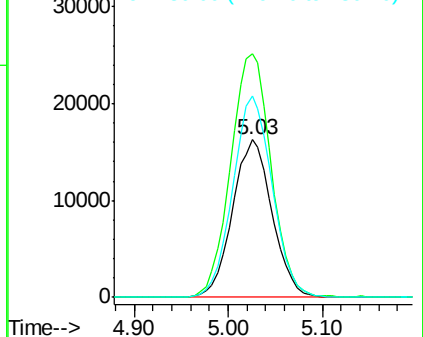
130 127.5 0.0 324.3



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: 30.45 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002830.D

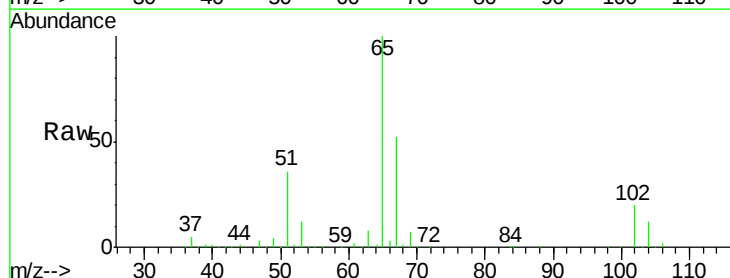
Acq: 22 Jun 2018 12:42

Tgt Ion: 65 Resp: 110892

Ion Ratio Lower Upper

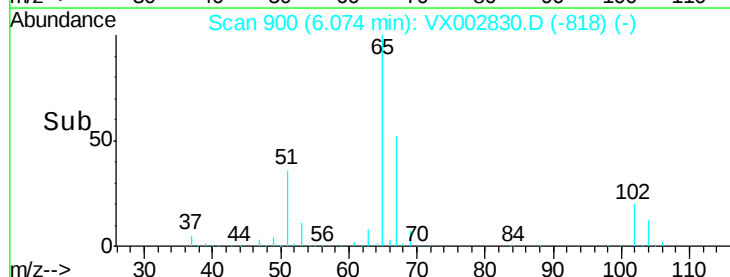
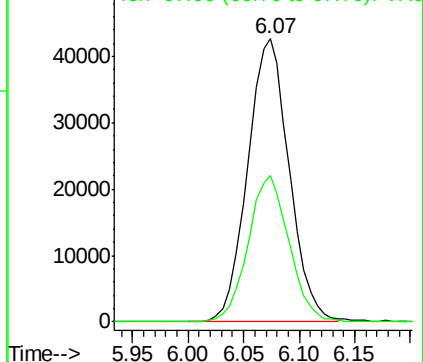
65 100

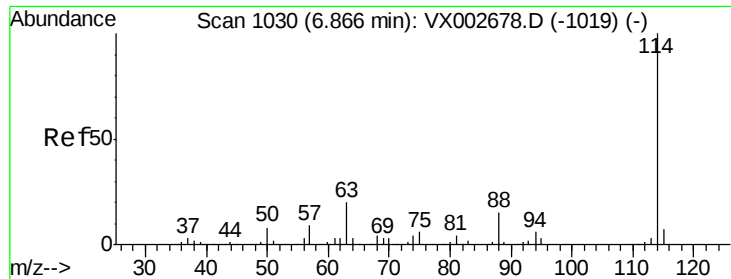
67 50.9 40.9 61.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

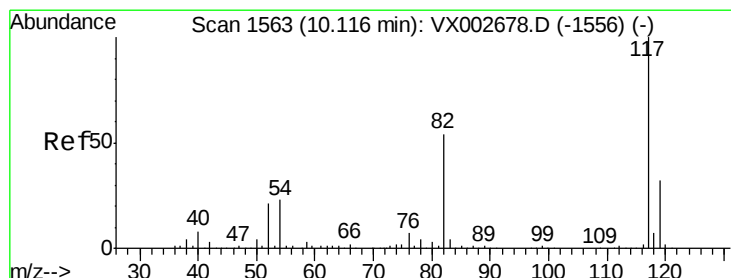
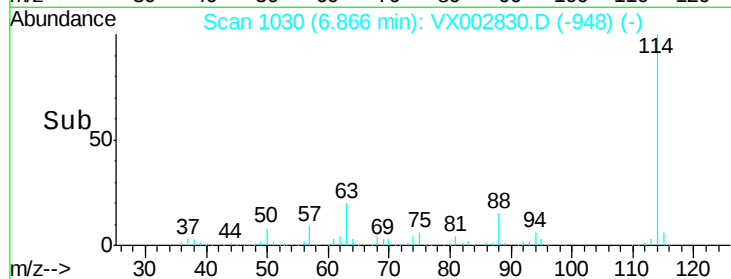
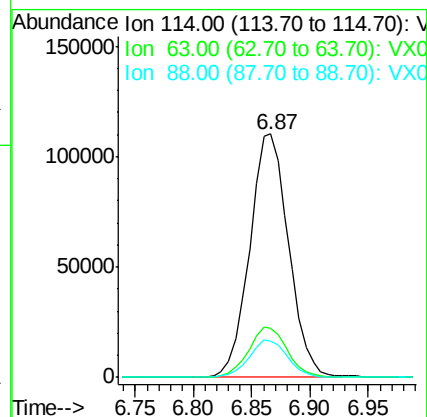
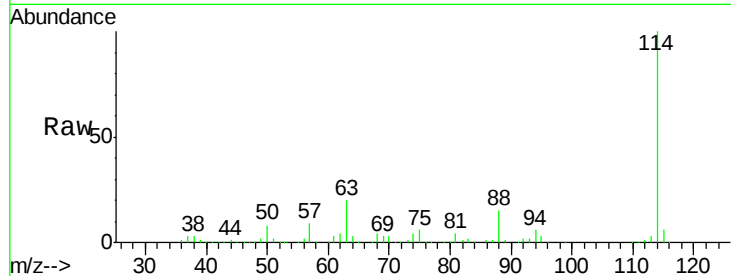




#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002830.D
 Acq: 22 Jun 2018 12:42

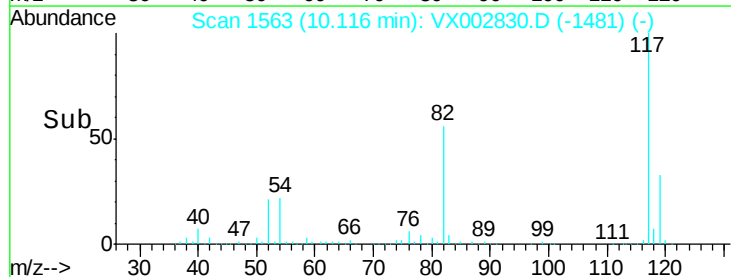
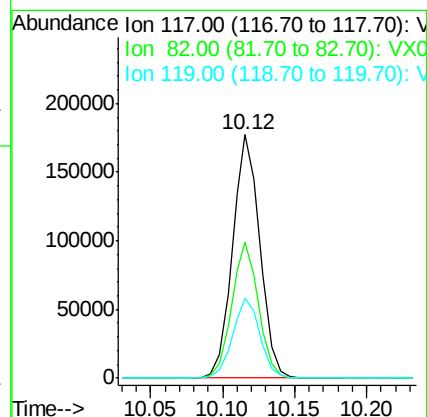
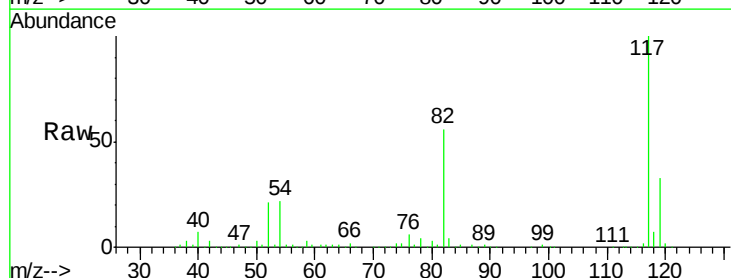
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBL01

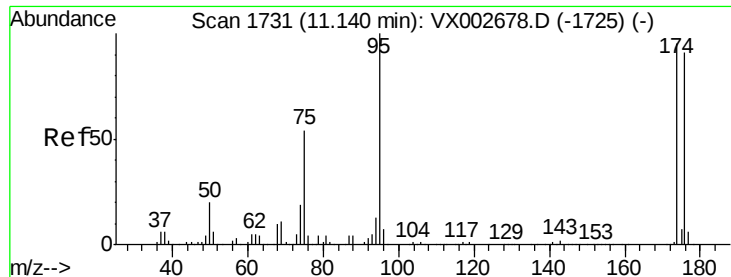
Tot Ion:114 Resp: 257151
 Ion Ratio Lower Upper
 114 100
 63 20.6 17.1 25.7
 88 15.2 12.6 19.0



#57
 Chlorobenzene-d5
 Concen: 30.00 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: VX002830.D
 Acq: 22 Jun 2018 12:42

Tgt Ion:117 Resp: 235596
 Ion Ratio Lower Upper
 117 100
 82 54.4 44.3 66.5
 119 32.7 25.7 38.5

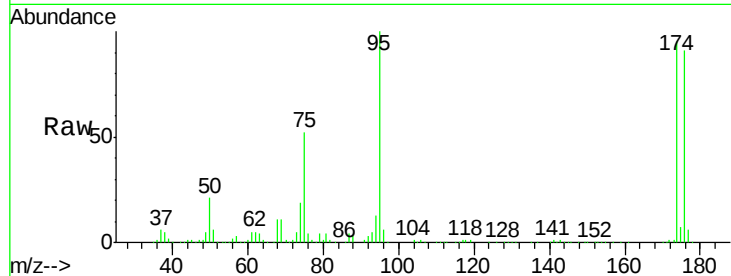




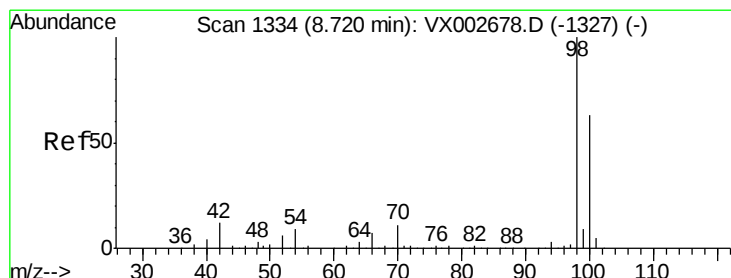
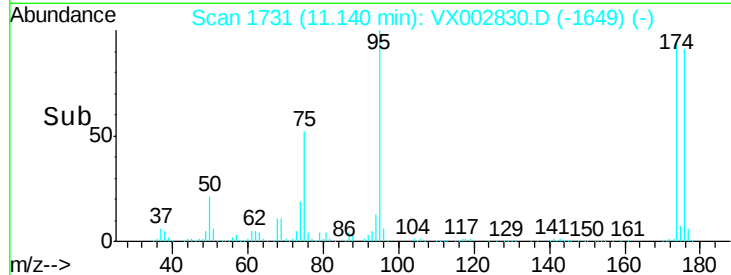
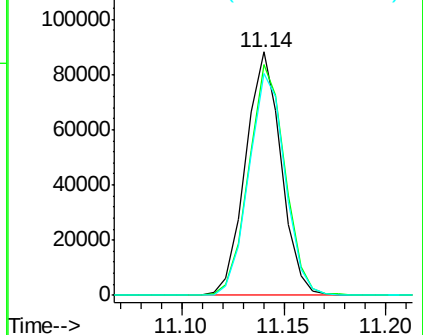
#60
4-Bromofluorobenzene
Concen: 27.40 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002830.D
Acq: 22 Jun 2018 12:42

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBL01

Tot Ion: 95 Resp: 106635
Ion Ratio Lower Upper
95 100
174 96.9 71.8 107.6
176 93.4 70.1 105.1

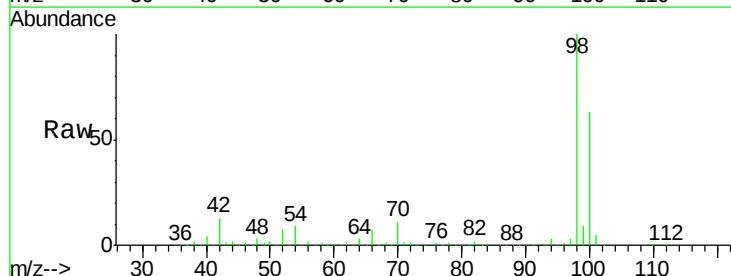


Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V



#63
Toluene-d8
Concen: 29.68 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002830.D
Acq: 22 Jun 2018 12:42

Tgt Ion: 98 Resp: 305442
Ion Ratio Lower Upper
98 100
100 63.9 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

