

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070820\
 Data File : VX017280.D
 Acq On : 09 Jul 2020 00:55
 Operator : JC/SP
 Sample : L3235-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WGGM-20-WW-TSF-022

Quant Time: Jul 09 05:32:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 09:03:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.99	128	50253	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	258449	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	247510	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	110745	28.31	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	94.37%
60) 4-Bromofluorobenzene	11.12	95	112403	27.23	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	90.77%
63) Toluene-d8	8.70	98	300918	27.58	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	91.93%

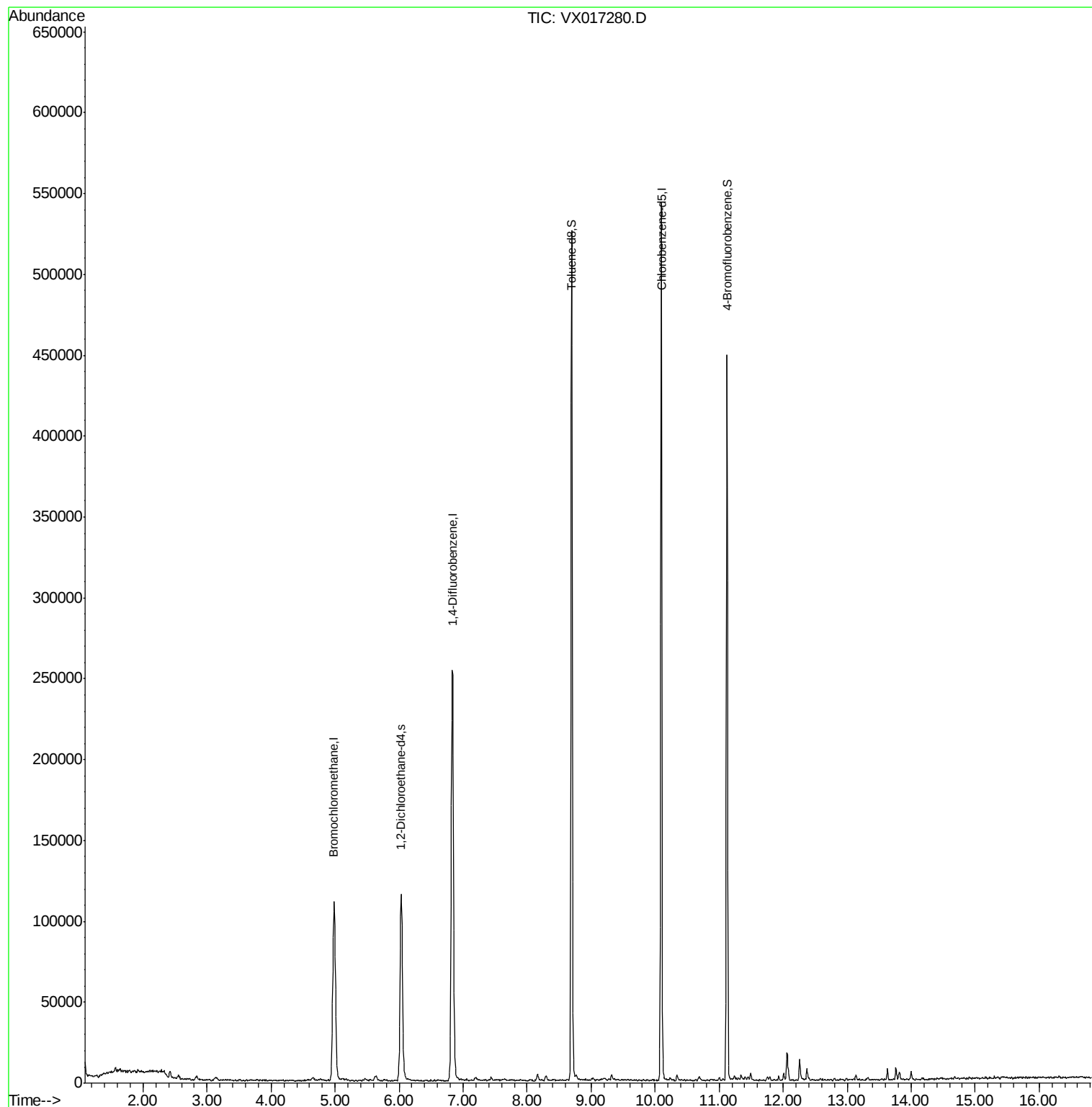
Target Compounds	Qvalue

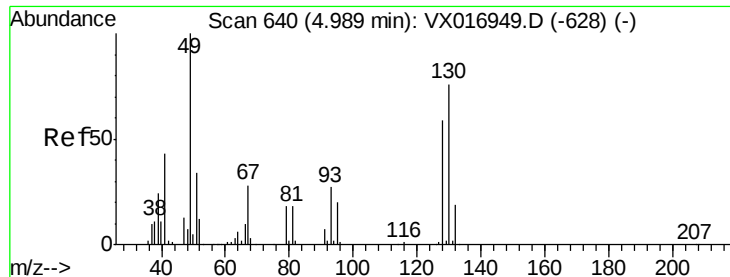
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 26 09:03:25 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.99 min Scan# 640

Delta R.T. 0.00 min

Lab File: VX017280.D

Acq: 09 Jul 2020 00:55

Instrument :

MSVOA_X

ClientSampleId :

WGGM-20-WW-TSF-022

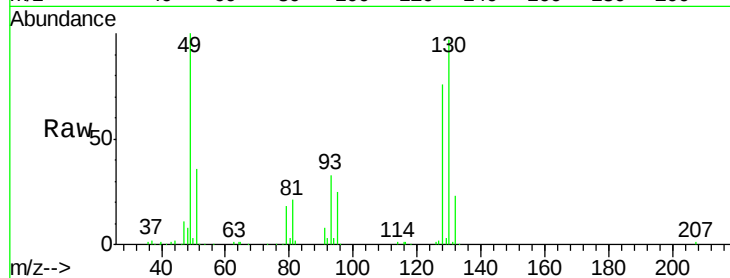
Tgt Ion:128 Resp: 50253

Ion Ratio Lower Upper

128 100

49 143.7 0.0 428.0

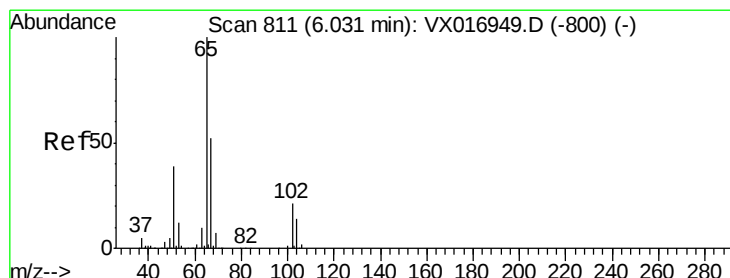
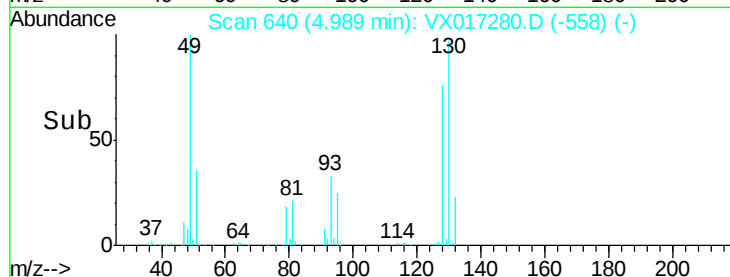
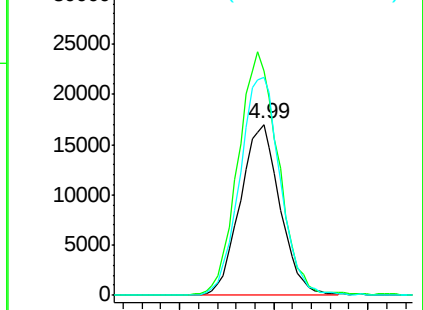
130 130.3 0.0 318.0



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: 28.313 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX017280.D

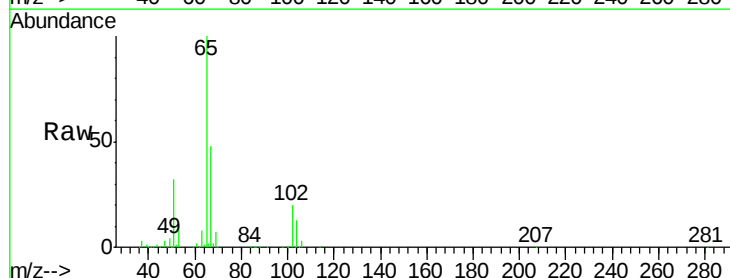
Acq: 09 Jul 2020 00:55

Tgt Ion: 65 Resp: 110745

Ion Ratio Lower Upper

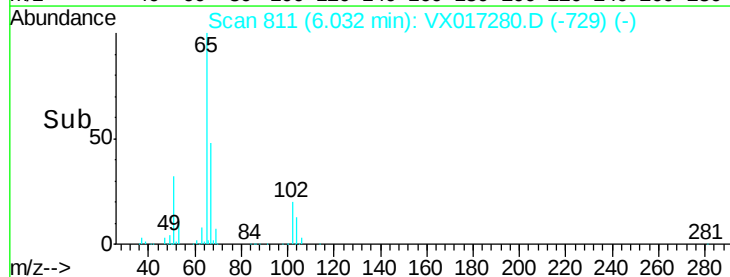
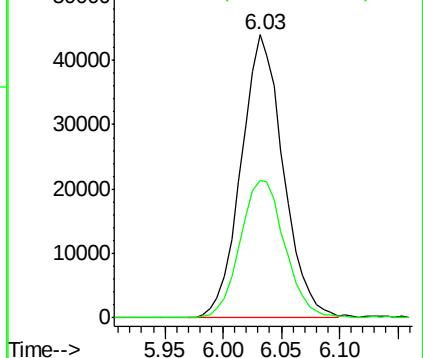
65 100

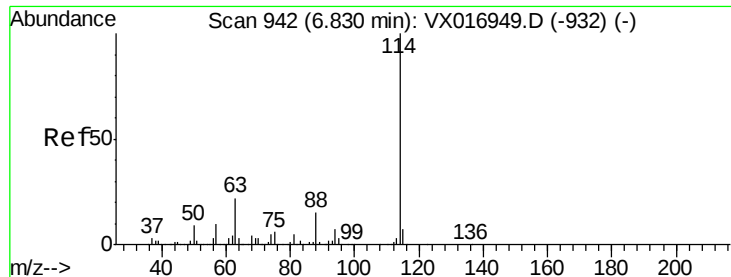
67 51.5 41.5 62.3



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: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX017280.D

Acq: 09 Jul 2020 00:55

Instrument :

MSVOA_X

ClientSampleId :

WGGM-20-WW-TSF-022

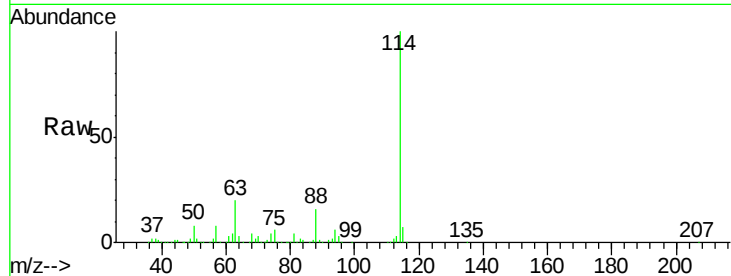
Tgt Ion:114 Resp: 258449

Ion Ratio Lower Upper

114 100

63 20.0 17.4 26.2

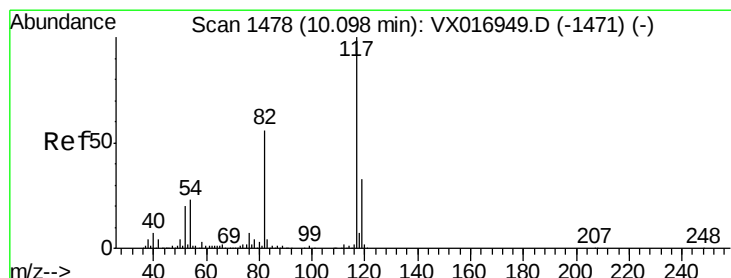
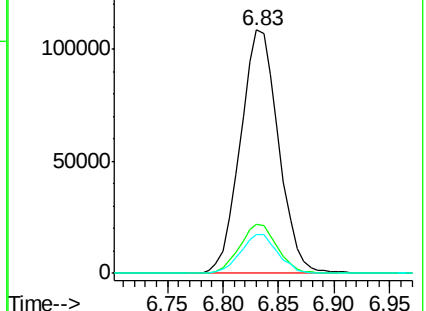
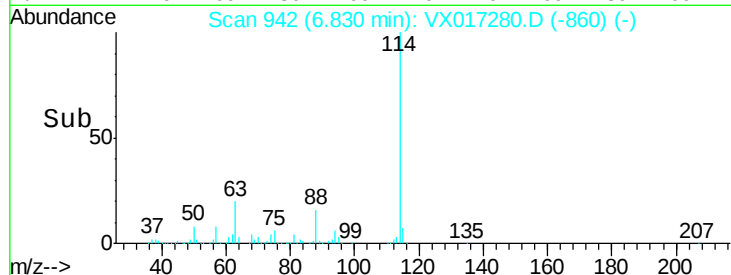
88 15.9 13.0 19.6



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: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX017280.D

Acq: 09 Jul 2020 00:55

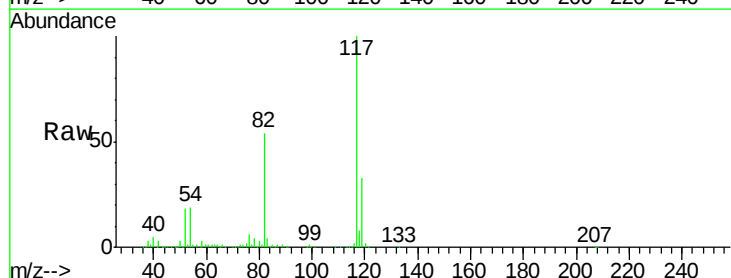
Tgt Ion:117 Resp: 247510

Ion Ratio Lower Upper

117 100

82 53.9 44.9 67.3

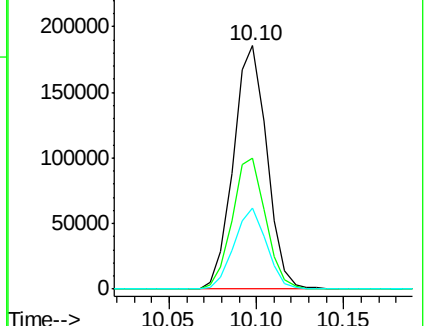
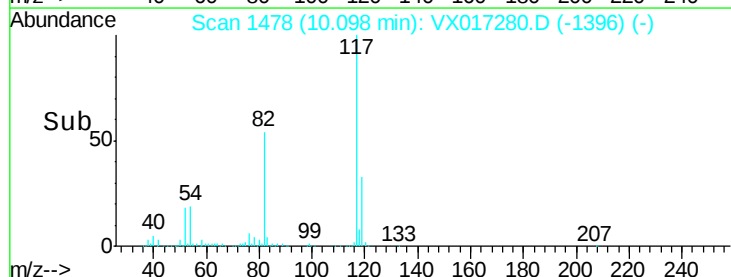
119 32.3 25.8 38.8

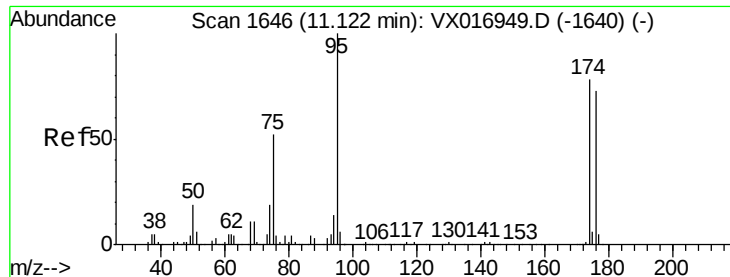


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V

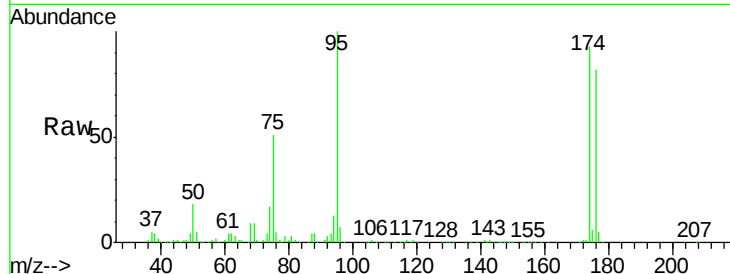




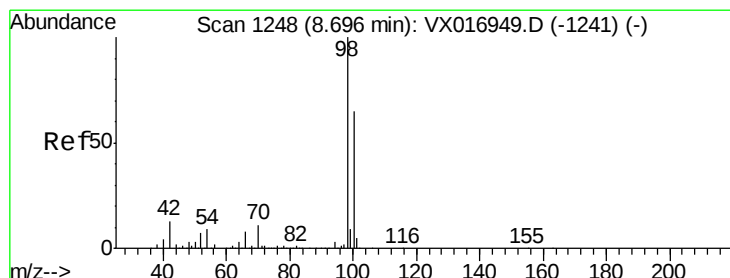
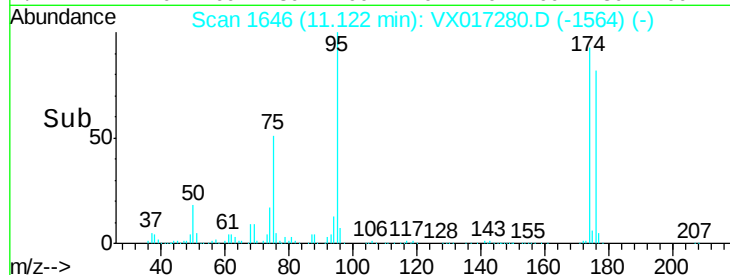
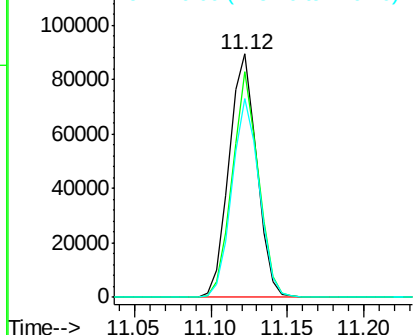
#60
4-Bromofluorobenzene
Concen: 27.231 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX017280.D
Acq: 09 Jul 2020 00:55

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Tgt Ion: 95 Resp: 112403
Ion Ratio Lower Upper
95 100
174 87.3 62.2 93.4
176 80.2 58.9 88.3

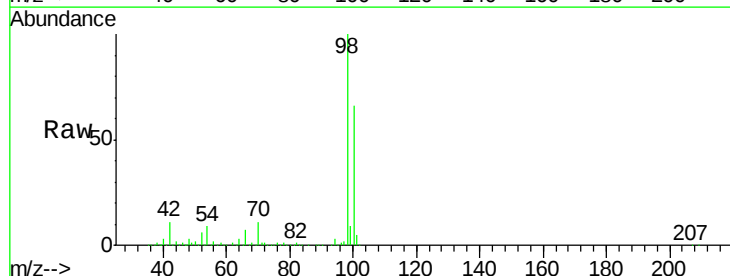


Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V



#63
Toluene-d8
Concen: 27.581 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017280.D
Acq: 09 Jul 2020 00:55

Tgt Ion: 98 Resp: 300918
Ion Ratio Lower Upper
98 100
100 66.5 52.3 78.5



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

