

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070920\
 Data File : VX017310.D
 Acq On : 09 Jul 2020 16:11
 Operator : JC/SP
 Sample : L3235-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Jul 10 06:51:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X070920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 09 12:25:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	63951	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	314749	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	298191	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.03	65	137794	29.98	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.93%
60) 4-Bromofluorobenzene	11.12	95	130833	25.72	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	85.73%
63) Toluene-d8	8.70	98	369130	29.27	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.57%

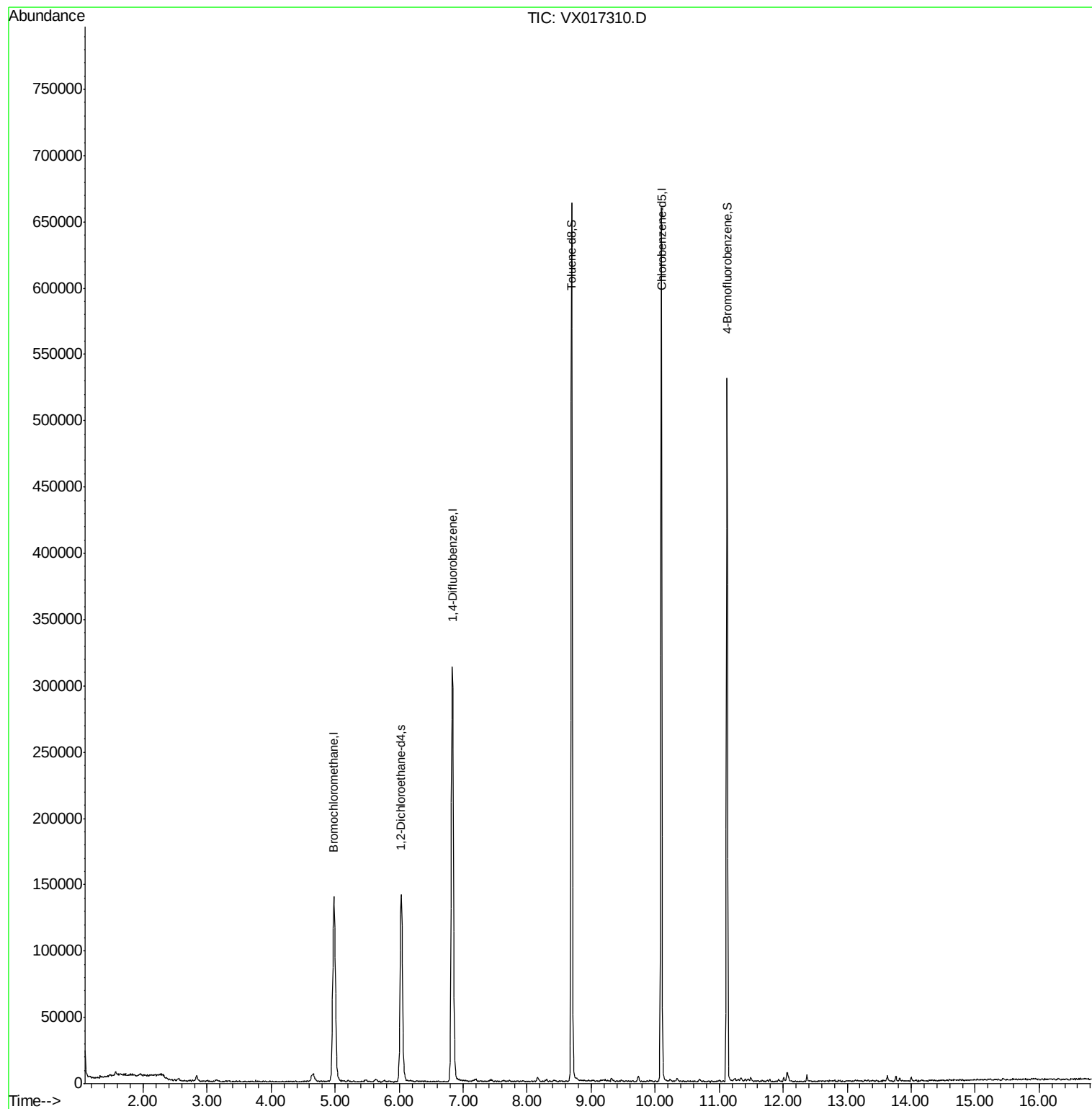
Target Compounds	Ovalue

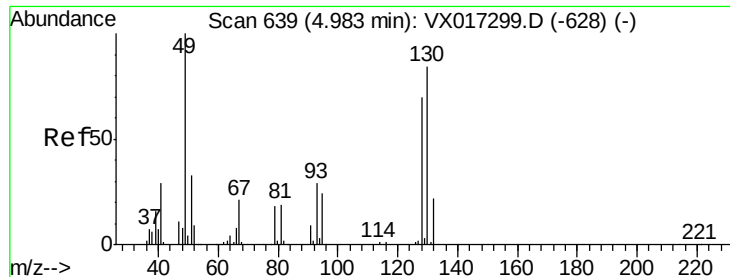
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 09 12:25:06 2020
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. -0.00 min

Lab File: VX017310.D

Acq: 09 Jul 2020 16:11

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

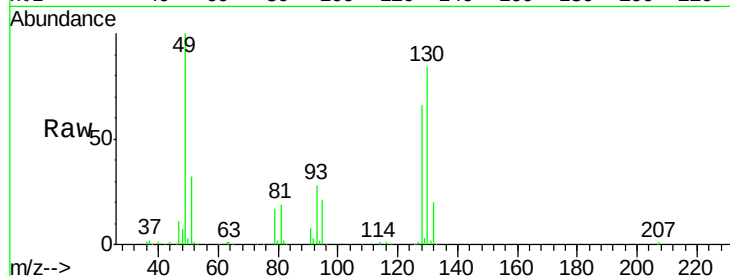
Tot Ion:128 Resp: 63951

Ion Ratio Lower Upper

128 100

49 145.6 0.0 358.8

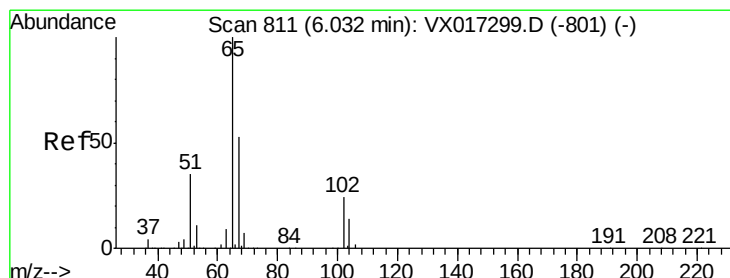
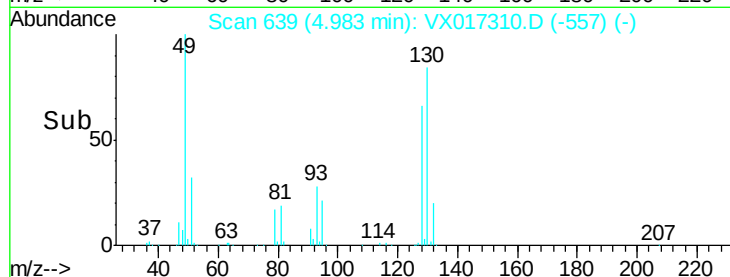
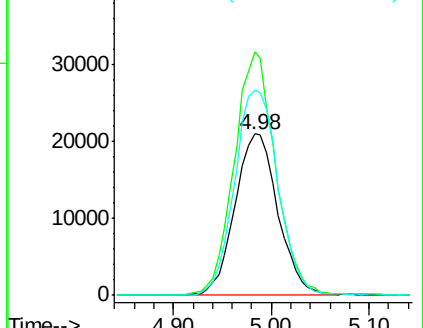
130 129.4 0.0 323.8



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: 29.979 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017310.D

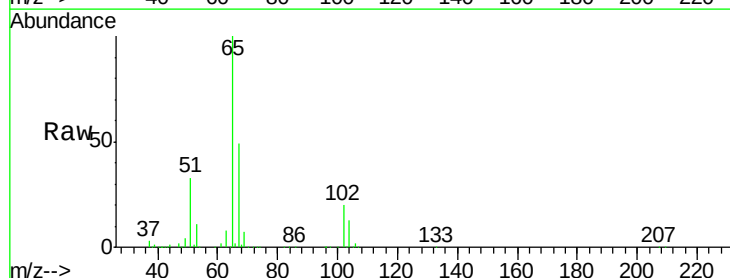
Acq: 09 Jul 2020 16:11

Tgt Ion: 65 Resp: 137794

Ion Ratio Lower Upper

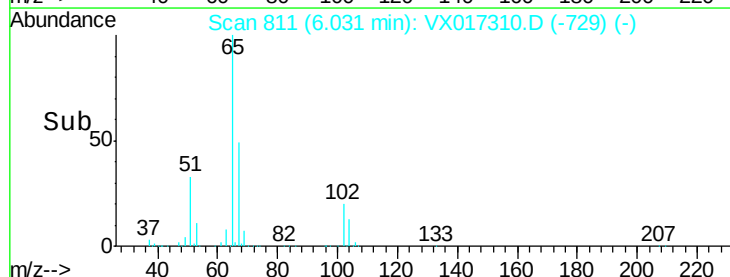
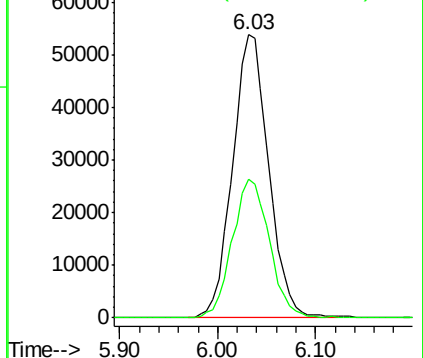
65 100

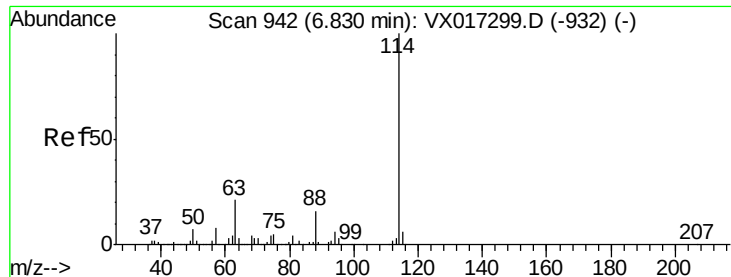
67 50.3 41.0 61.6



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

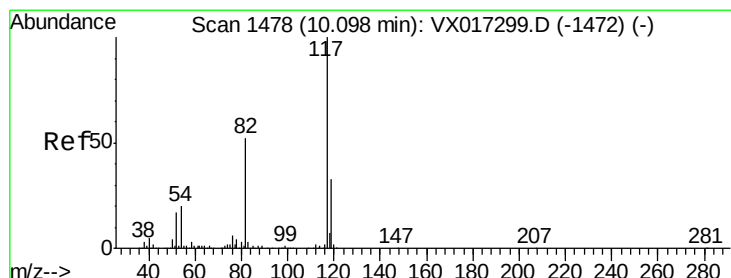
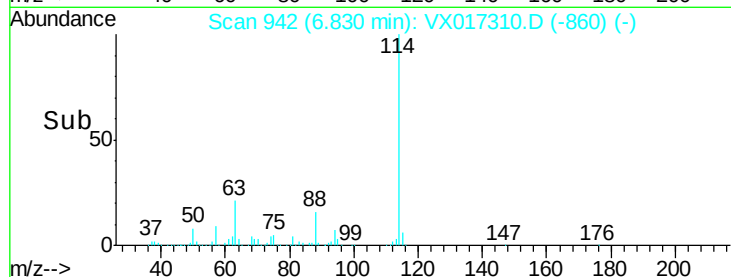
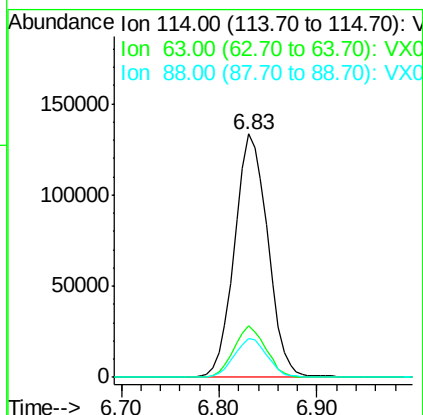
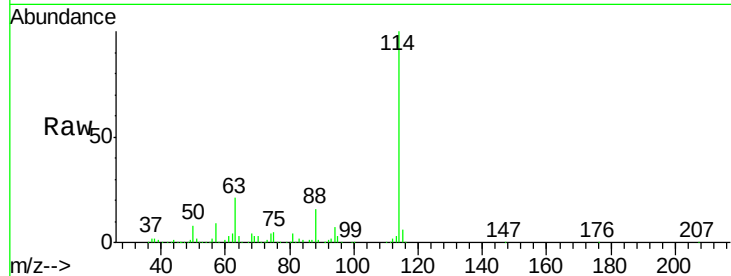




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017310.D
 Acq: 09 Jul 2020 16:11

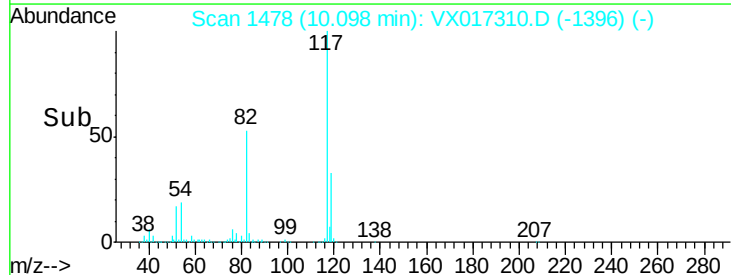
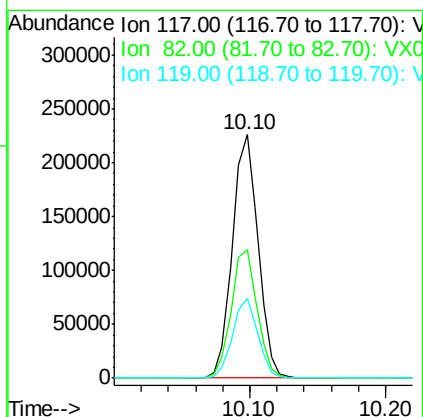
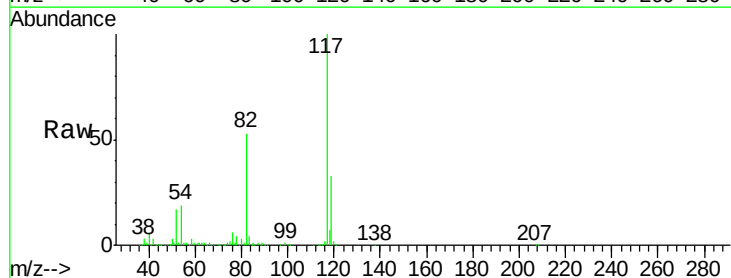
Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

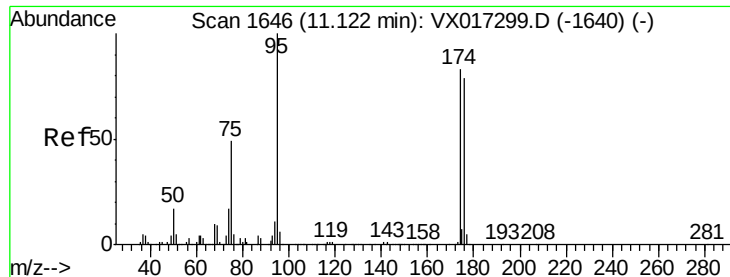
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.2	15.9	23.9
88	15.8	12.4	18.6



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.10 min Scan# 1478
 Delta R.T. -0.00 min
 Lab File: VX017310.D
 Acq: 09 Jul 2020 16:11

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.2	63.4
119	32.2	26.4	39.6





#60

4-Bromofluorobenzene

Concen: 25.718 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017310.D

Acq: 09 Jul 2020 16:11

Instrument :

MSVOA_X

ClientSampled :

TRIP-BLANK

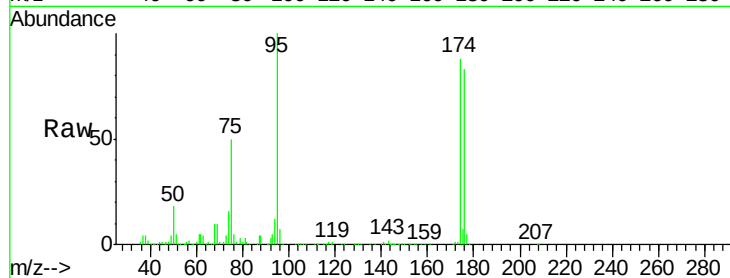
Tot Ion: 95 Resp: 130833

Ion Ratio Lower Upper

95 100

174 86.5 66.9 100.3

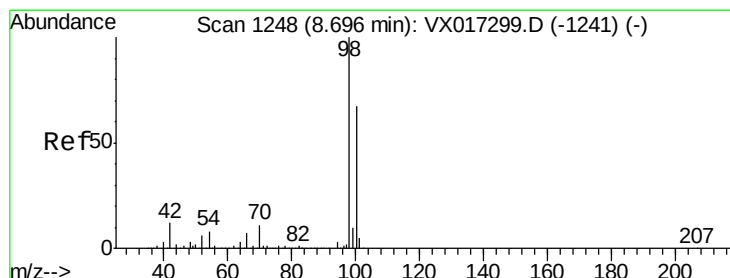
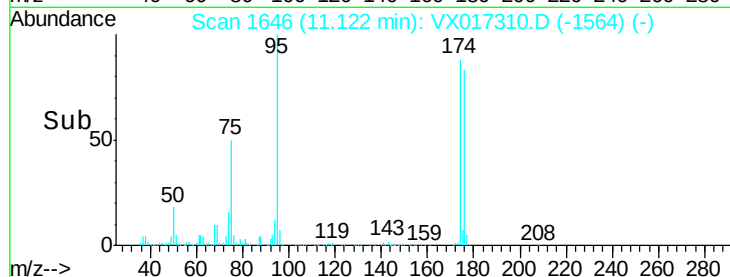
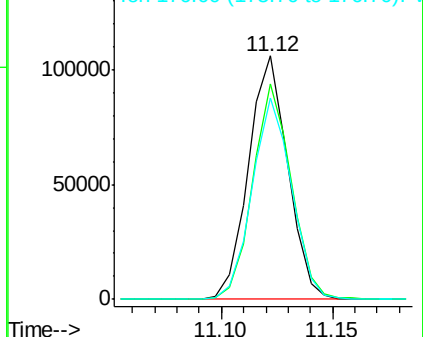
176 83.0 65.5 98.3



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: 29.265 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017310.D

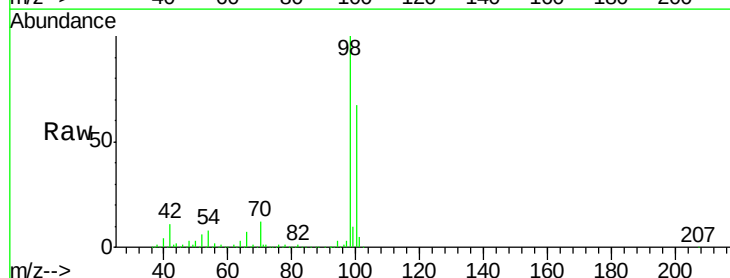
Acq: 09 Jul 2020 16:11

Tgt Ion: 98 Resp: 369130

Ion Ratio Lower Upper

98 100

100 67.1 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

