

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX043020\
 Data File : VX015993.D
 Acq On : 30 Apr 2020 14:12
 Operator : JC/SP
 Sample : VX0430WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBL01

Quant Time: May 01 08:06:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 30 12:42:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	50161	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	286038	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	251220	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.03	65	119568	31.02	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.40%
60) 4-Bromofluorobenzene	11.12	95	119206	28.30	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	94.33%
63) Toluene-d8	8.70	98	334345	31.02	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.40%

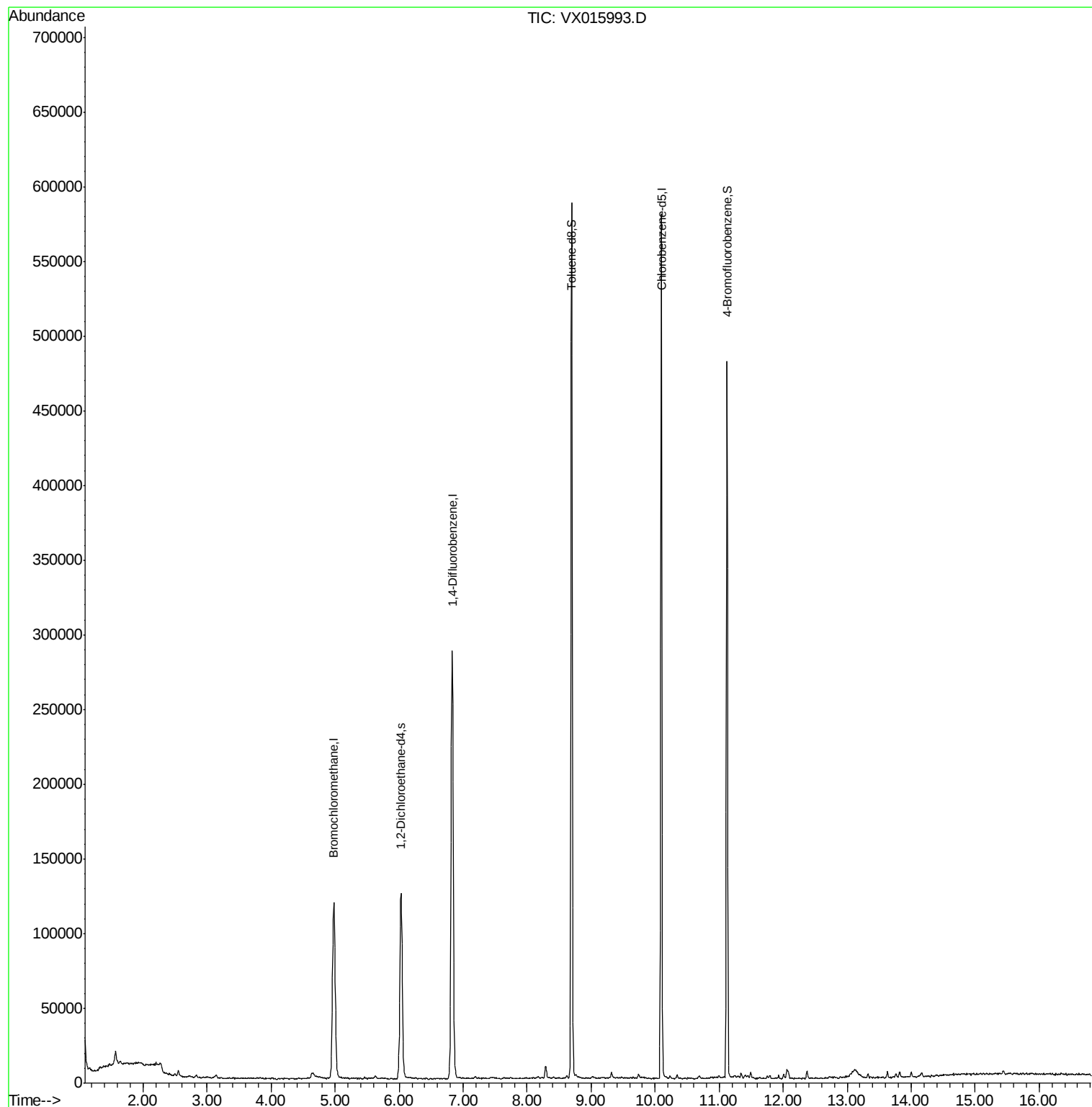
Target Compounds	Ovalue

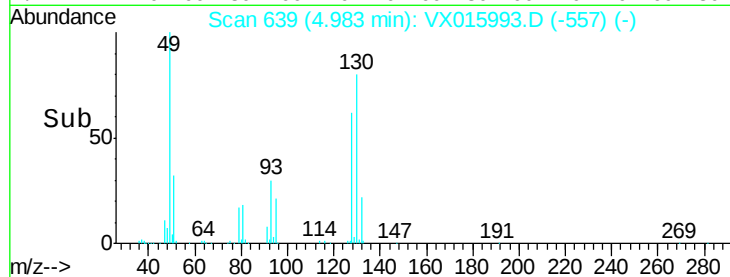
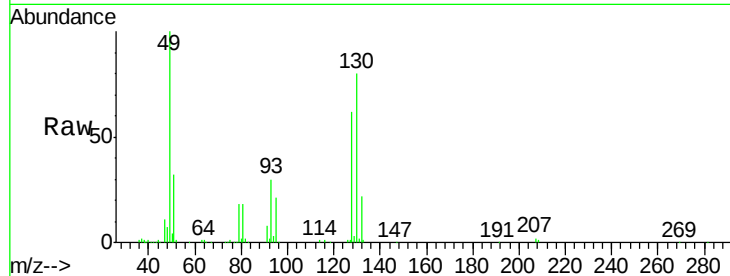
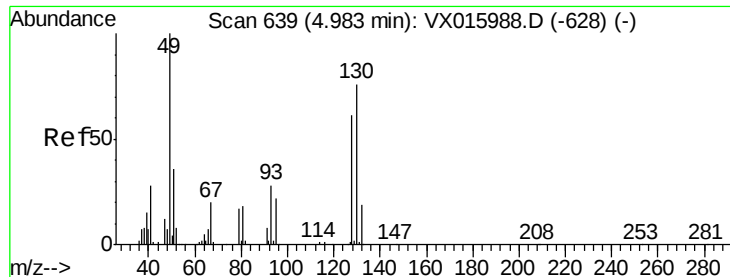
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

VX0430WBL01

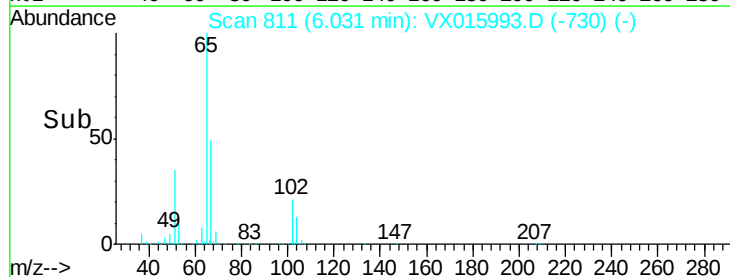
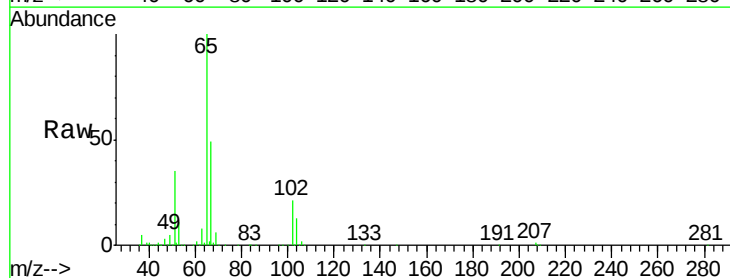
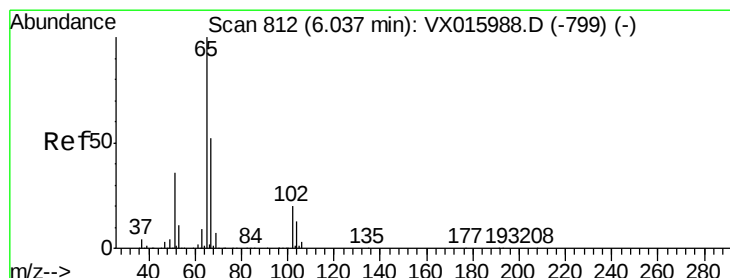
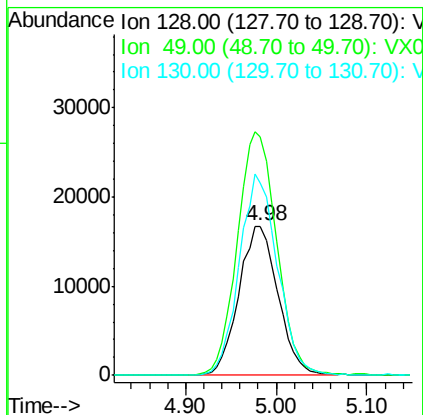
Tot Ion:128 Resp: 50161

Ion Ratio Lower Upper

128 100

49 163.8 0.0 418.5

130 131.7 0.0 326.3



#27

1,2-Dichloroethane-d4

Concen: 31.016 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX015993.D

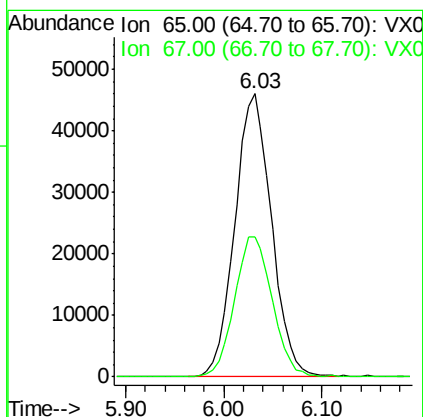
Acq: 30 Apr 2020 14:12

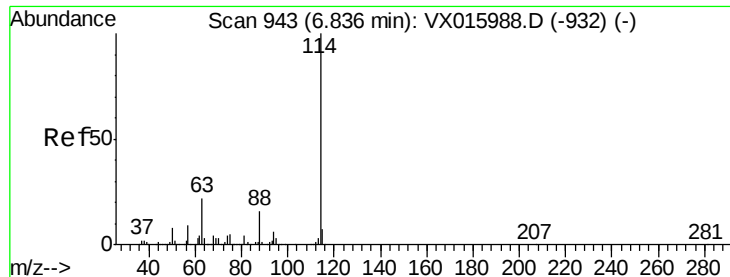
Tgt Ion: 65 Resp: 119568

Ion Ratio Lower Upper

65 100

67 50.9 41.0 61.4





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX015993.D

Acq: 30 Apr 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBL01

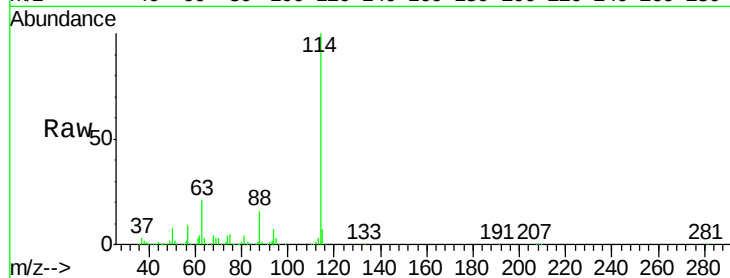
Tot Ion:114 Resp: 286038

Ion Ratio Lower Upper

114 100

63 21.1 17.1 25.7

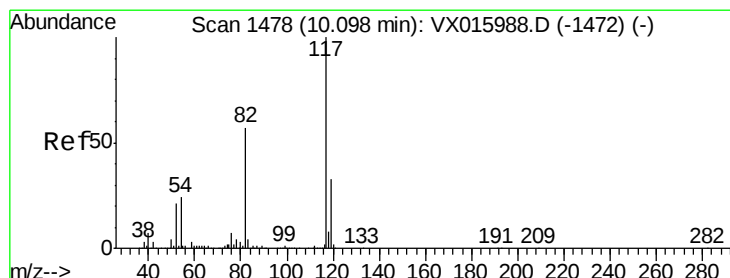
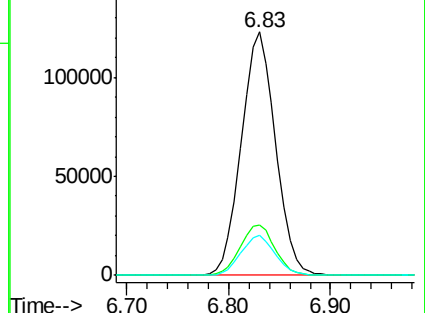
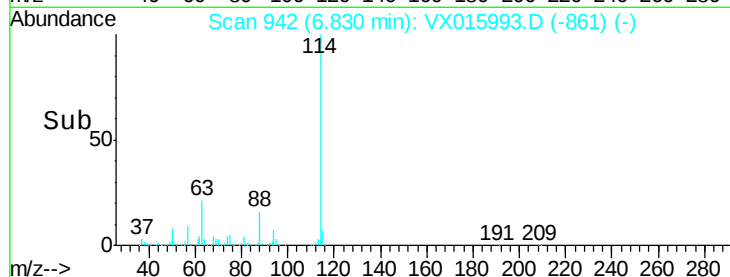
88 16.1 13.0 19.4



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: VX015993.D

Acq: 30 Apr 2020 14:12

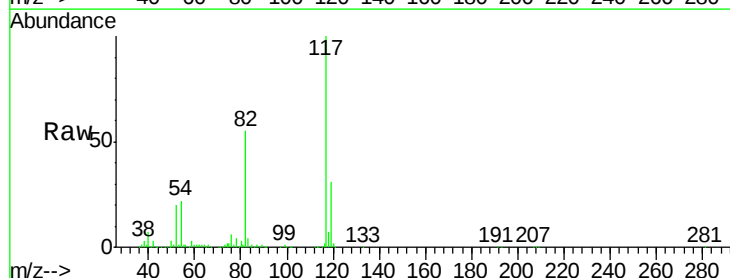
Tgt Ion:117 Resp: 251220

Ion Ratio Lower Upper

117 100

82 56.4 45.1 67.7

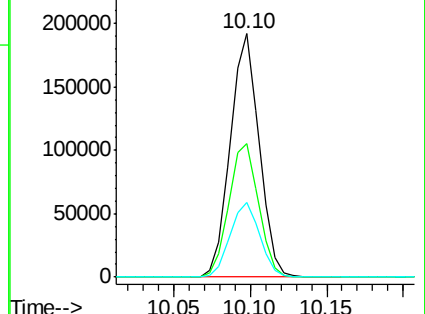
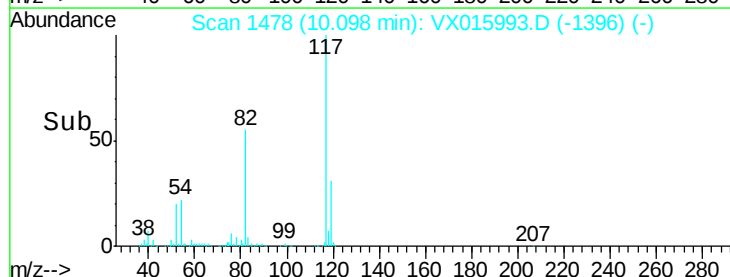
119 31.5 25.6 38.4

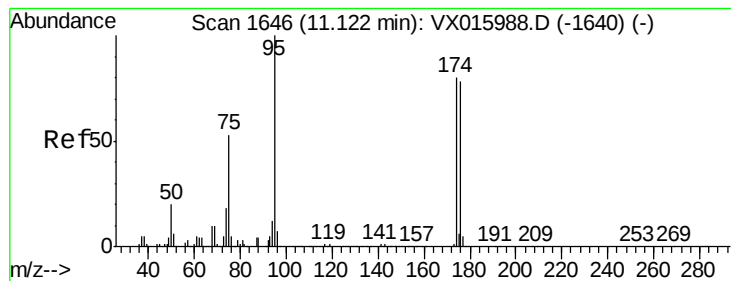


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V





#60

4-Bromofluorobenzene

Concen: 28.296 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX015993.D

Acq: 30 Apr 2020 14:12

Instrument :

MSVOA_X

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VX0430WBL01

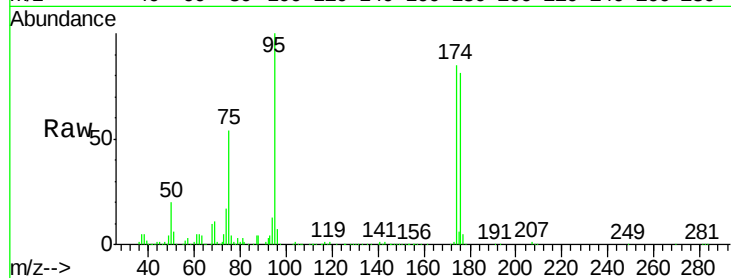
Tot Ion: 95 Resp: 119206

Ion Ratio Lower Upper

95 100

174 81.7 64.8 97.2

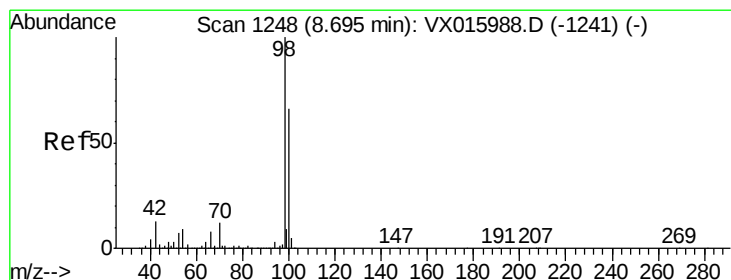
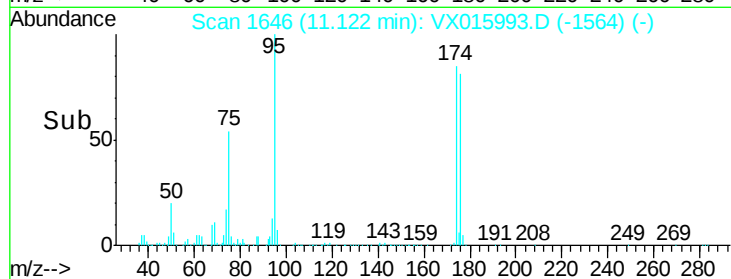
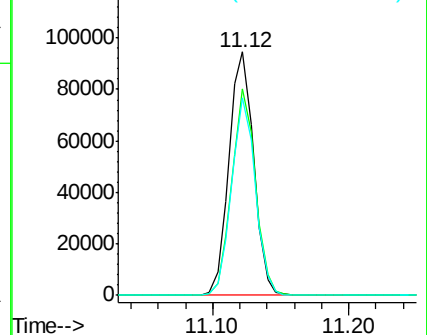
176 78.3 62.4 93.6



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: 31.024 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX015993.D

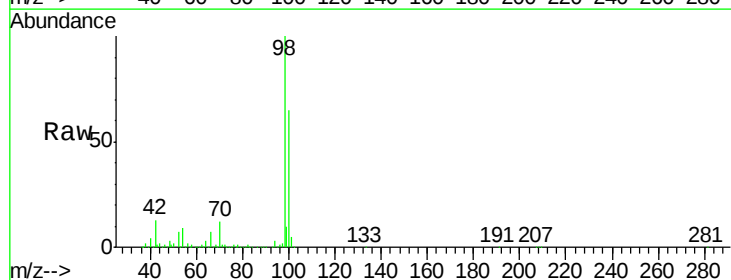
Acq: 30 Apr 2020 14:12

Tgt Ion: 98 Resp: 334345

Ion Ratio Lower Upper

98 100

100 65.9 52.5 78.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

