

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\
 Data File : VX019074.D
 Acq On : 23 Oct 2020 12:46
 Operator : JC/SP
 Sample : VX1023WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBL01

Quant Time: Oct 26 11:38:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 03:21:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	48614	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	275919	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	234038	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	100307	30.98	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.27%
60) 4-Bromofluorobenzene	11.12	95	99996	28.47	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.90%
63) Toluene-d8	8.70	98	319781	30.95	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.17%

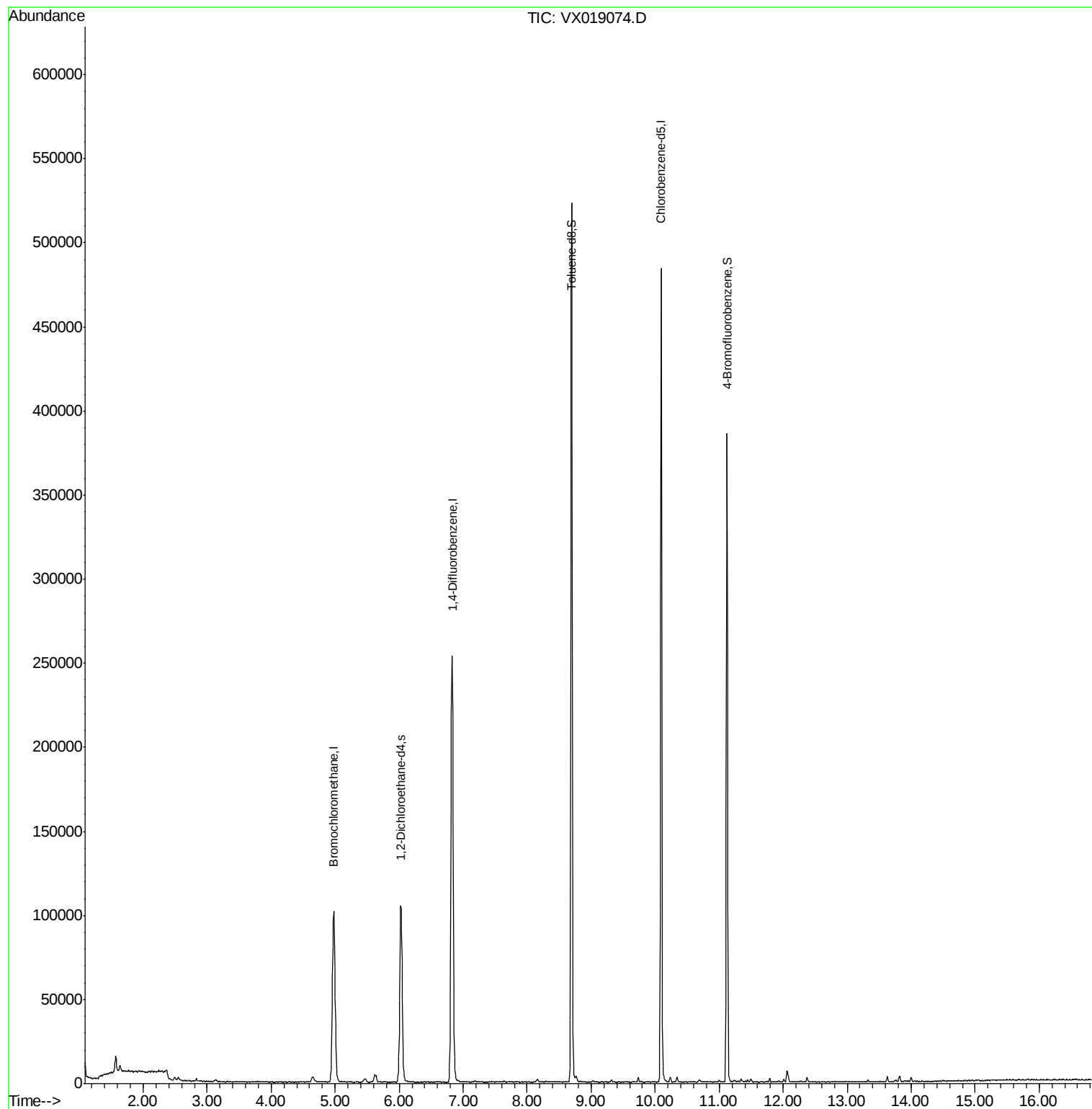
Target Compounds	Ovalue

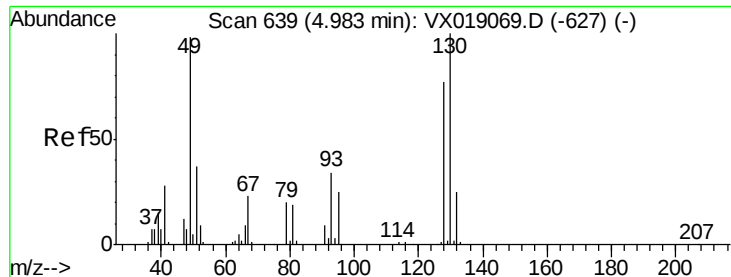
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 26 03:21:29 2020
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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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Acq: 23 Oct 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBL01

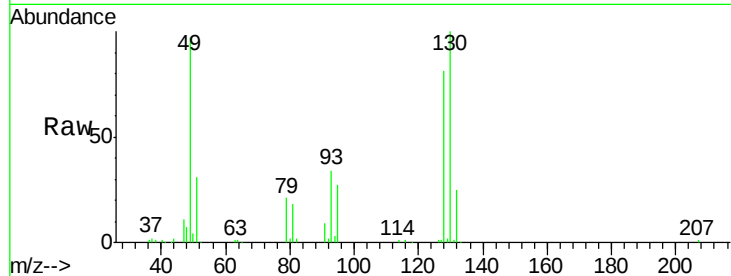
Tot Ion:128 Resp: 48614

Ion Ratio Lower Upper

128 100

49 124.8 0.0 318.8

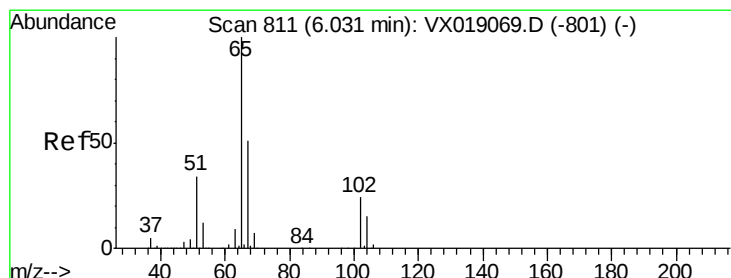
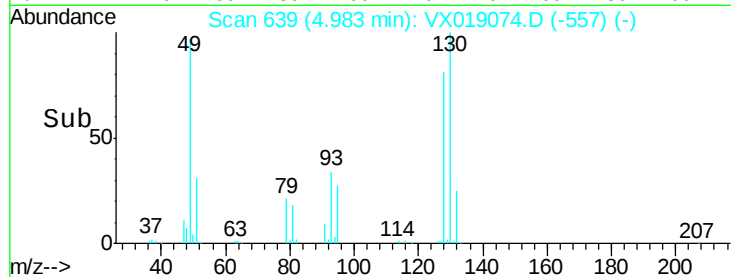
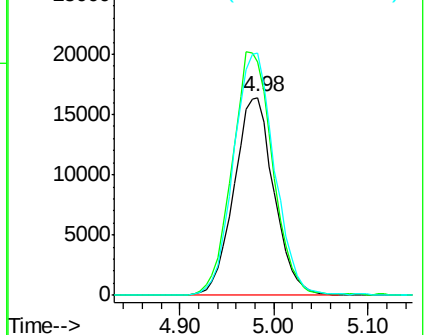
130 125.6 0.0 321.8



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: 30.978 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019074.D

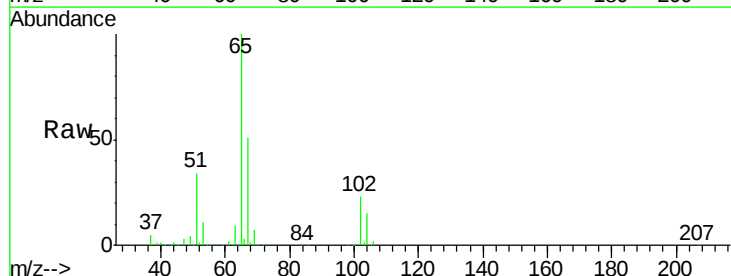
Acq: 23 Oct 2020 12:46

Tgt Ion: 65 Resp: 100307

Ion Ratio Lower Upper

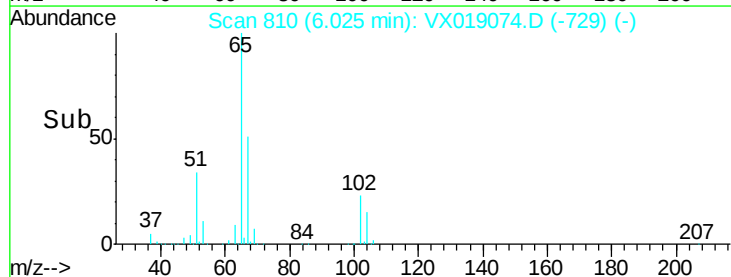
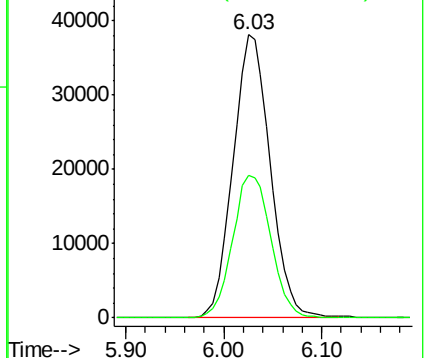
65 100

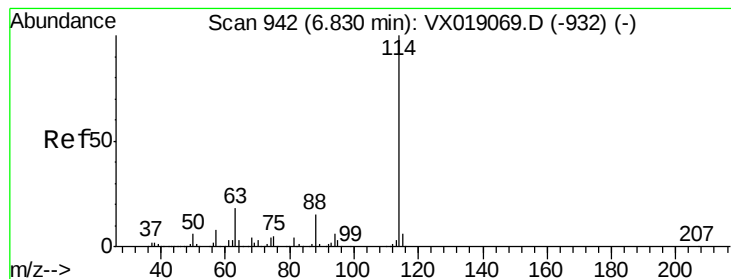
67 52.0 42.0 63.0



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: VX019074.D

Acq: 23 Oct 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBL01

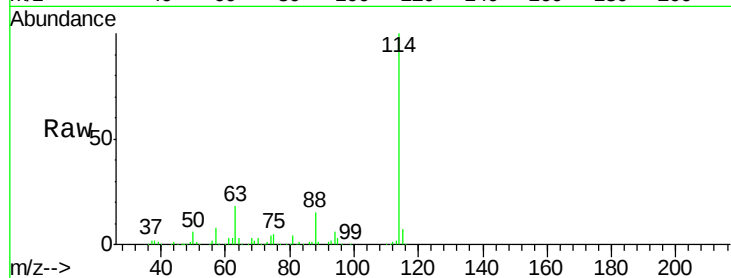
Tot Ion:114 Resp: 275919

Ion Ratio Lower Upper

114 100

63 18.4 14.6 21.8

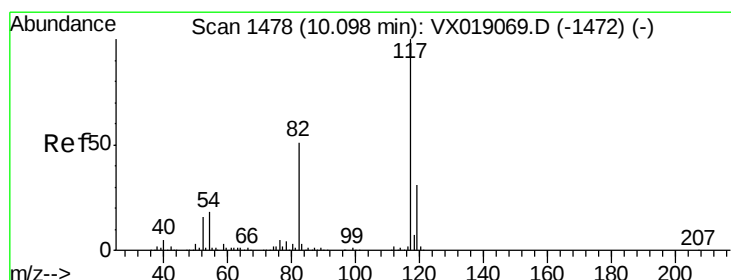
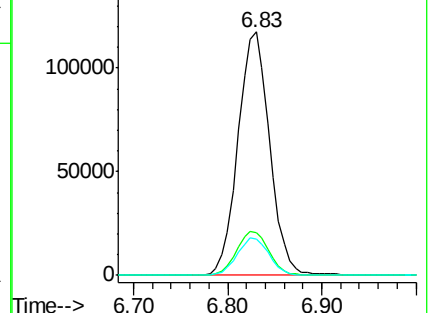
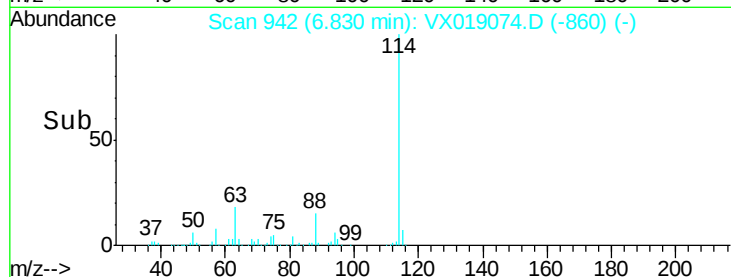
88 15.4 12.2 18.2



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: VX019074.D

Acq: 23 Oct 2020 12:46

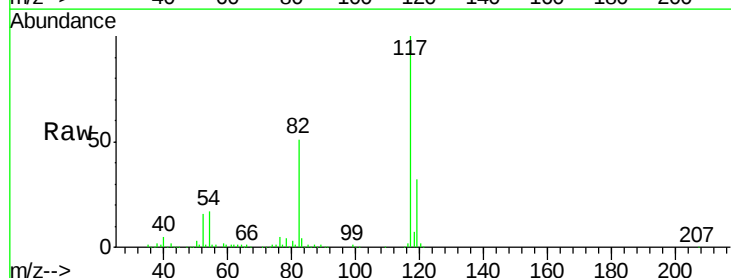
Tgt Ion:117 Resp: 234038

Ion Ratio Lower Upper

117 100

82 52.7 42.5 63.7

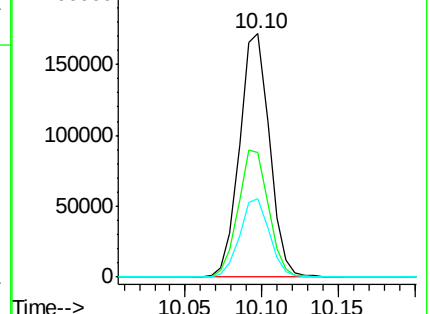
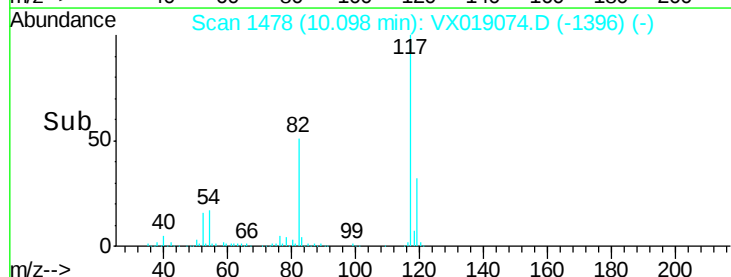
119 31.8 25.6 38.4

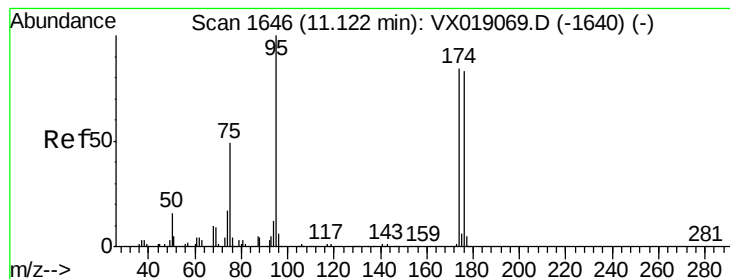


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V





#60

4-Bromofluorobenzene

Concen: 28.467 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019074.D

Acq: 23 Oct 2020 12:46

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MSVOA_X

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VX1023WBL01

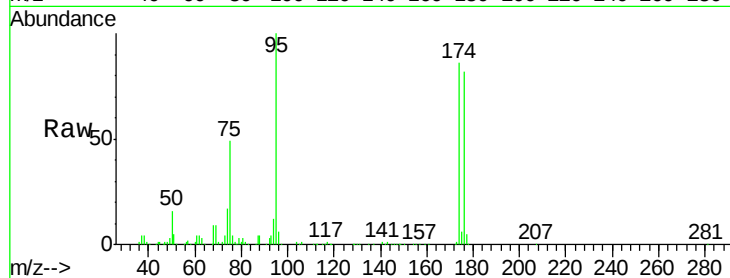
Tot Ion: 95 Resp: 99996

Ion Ratio Lower Upper

95 100

174 84.8 66.3 99.5

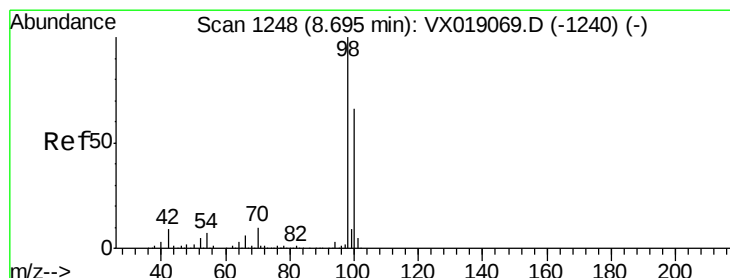
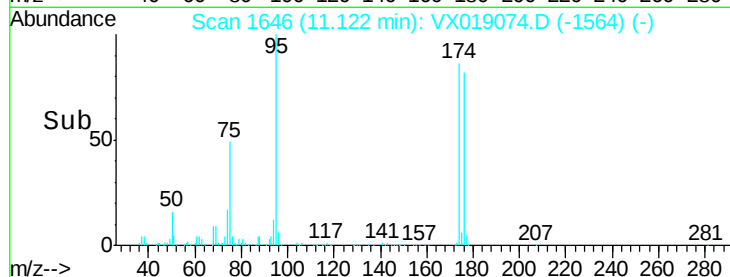
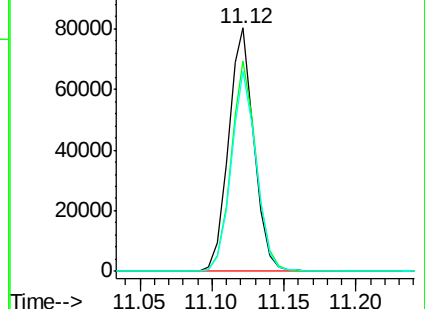
176 80.8 65.5 98.3



Abundance Ion 95.00 (94.70 to 95.70): VX019069.D (-1640) (-)

Ion 174.00 (173.70 to 174.70): VX019069.D (-1640) (-)

Ion 176.00 (175.70 to 176.70): VX019069.D (-1640) (-)



#63

Toluene-d8

Concen: 30.947 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019074.D

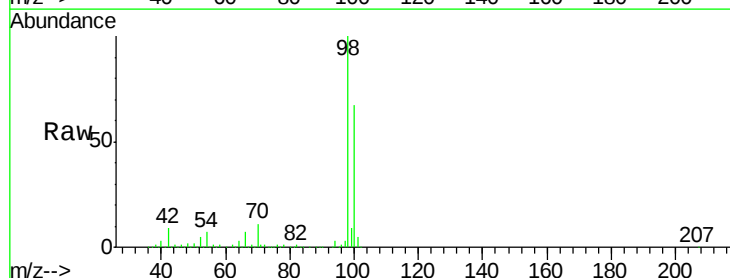
Acq: 23 Oct 2020 12:46

Tgt Ion: 98 Resp: 319781

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX019069.D (-1240) (-)

Ion 100.00 (99.70 to 100.70): VX019069.D (-1240) (-)

