

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031819\
 Data File : VX008174.D
 Acq On : 18 Mar 2019 18:59
 Operator : JC/SP
 Sample : K1909-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 97-98

Quant Time: Mar 19 12:05:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Mar 18 14:34:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	48200	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	263687	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	224609	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	123338	30.76	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.53%
60) 4-Bromofluorobenzene	11.13	95	102328	27.30	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	91.00%
63) Toluene-d8	8.71	98	325702	29.84	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.47%

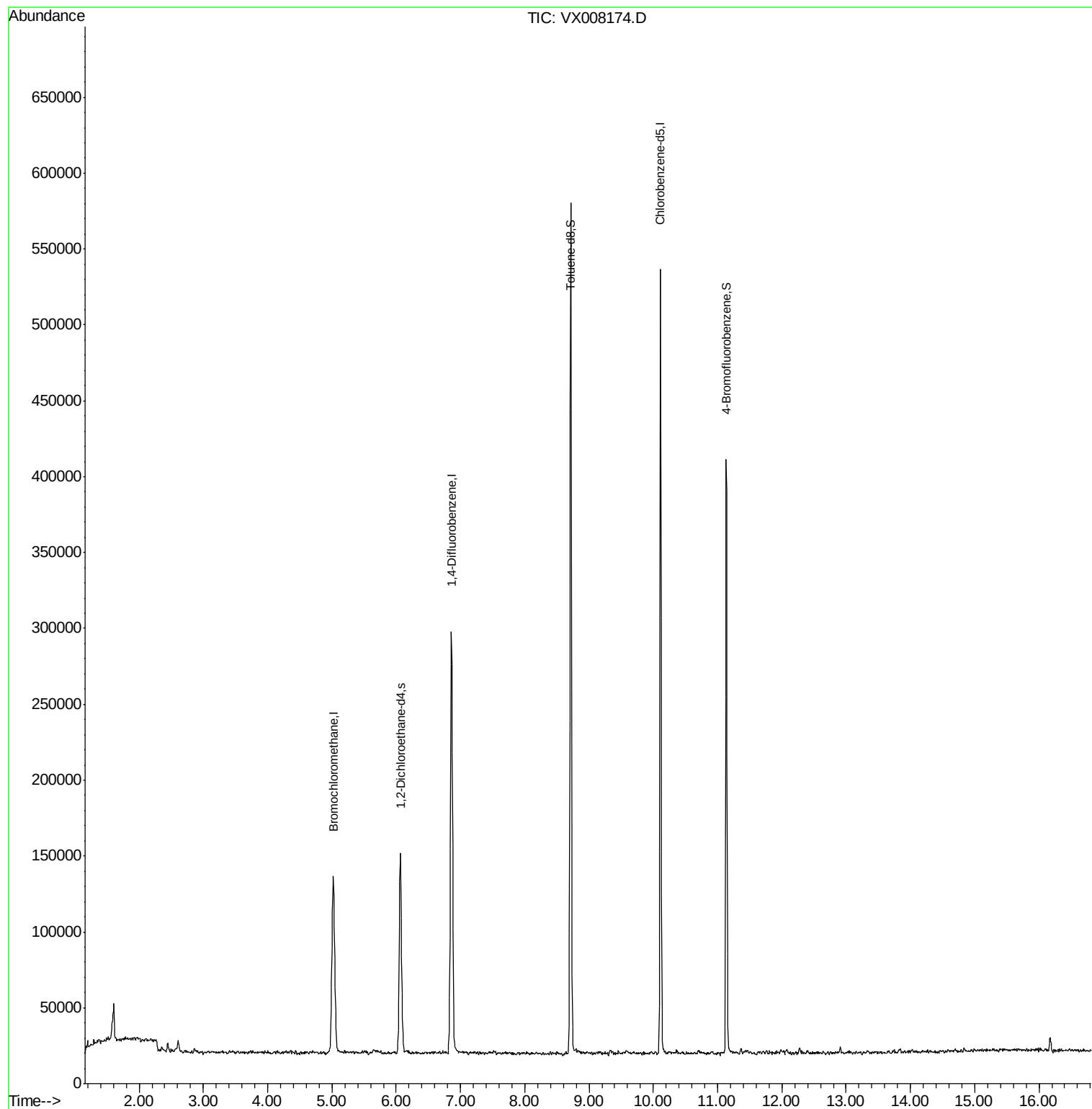
Target Compounds	Ovalue

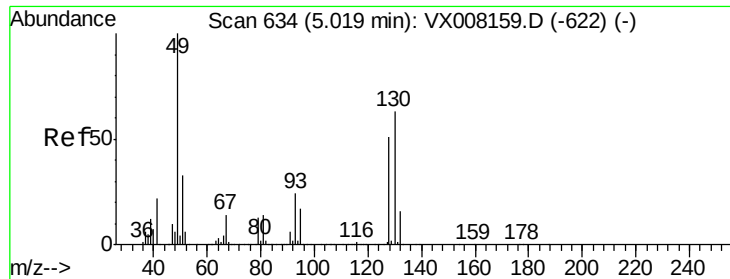
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 18 14:34:46 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 635

Delta R.T. 0.01 min

Lab File: VX008174.D

Acq: 18 Mar 2019 18:59

Instrument :

MSVOA_X

ClientSampled :

97-98

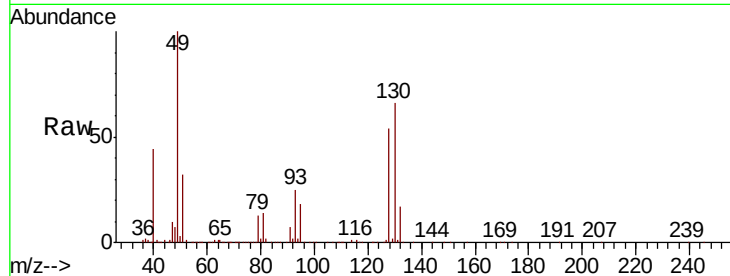
Tot Ion:128 Resp: 48200

Ion Ratio Lower Upper

128 100

49 195.5 0.0 350.8

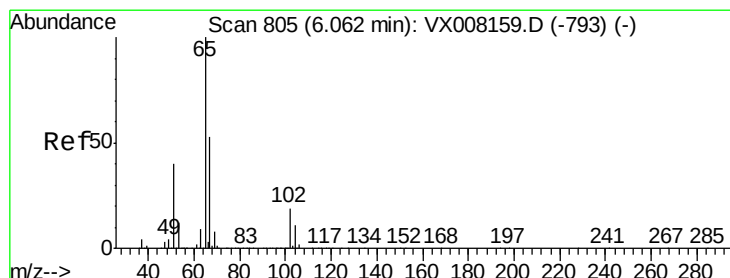
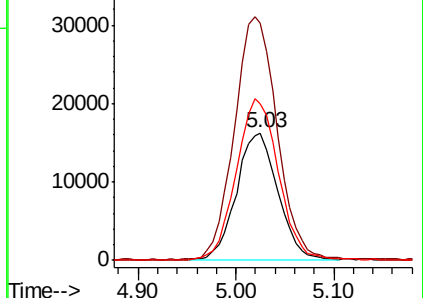
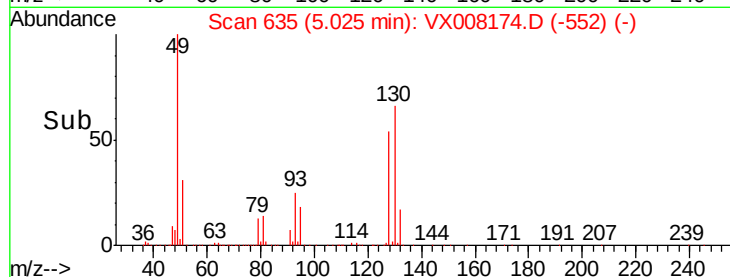
130 128.7 0.0 325.8



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: 30.762 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX008174.D

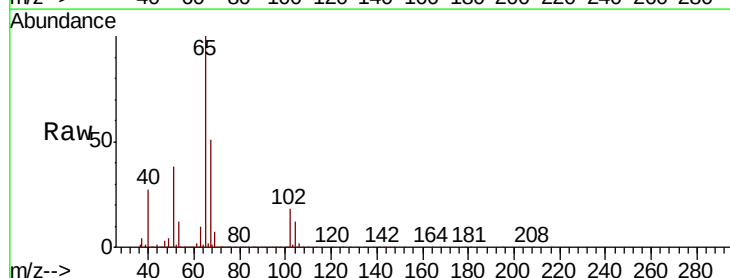
Acq: 18 Mar 2019 18:59

Tgt Ion: 65 Resp: 123338

Ion Ratio Lower Upper

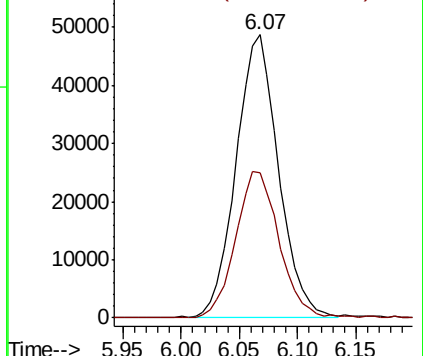
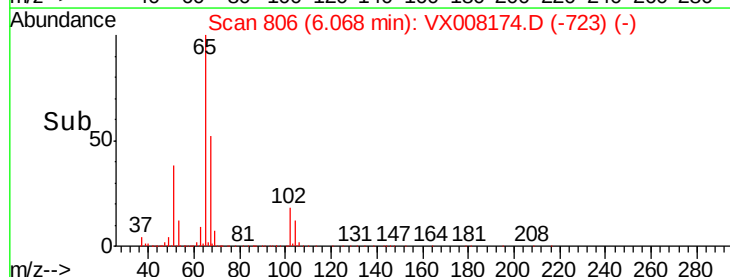
65 100

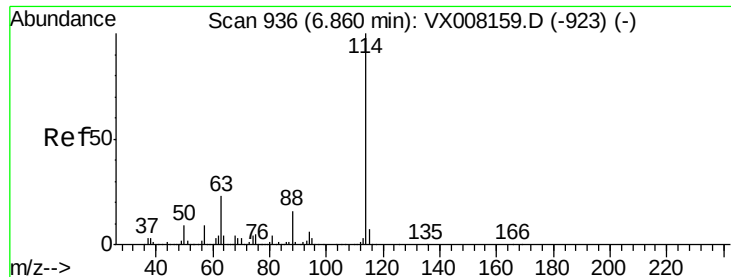
67 53.2 42.9 64.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

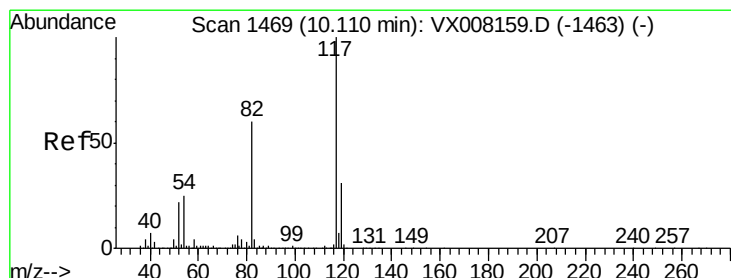
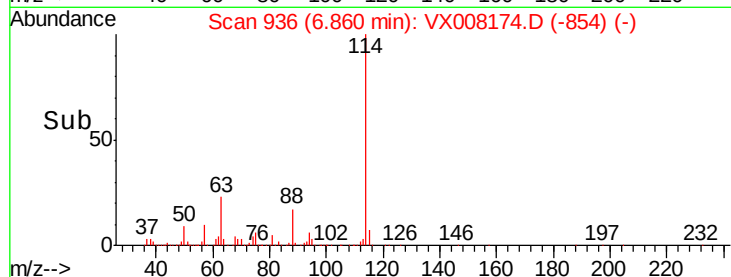
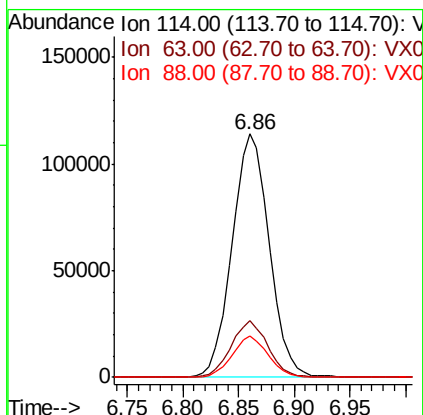
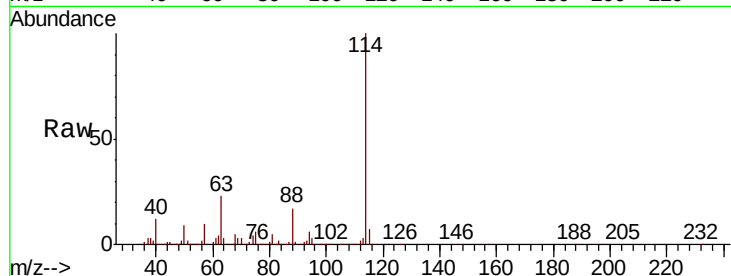




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008174.D
 Acq: 18 Mar 2019 18:59

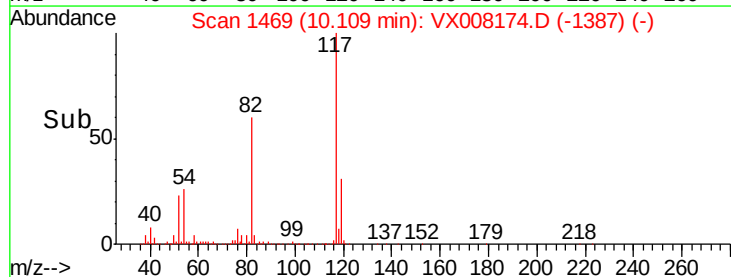
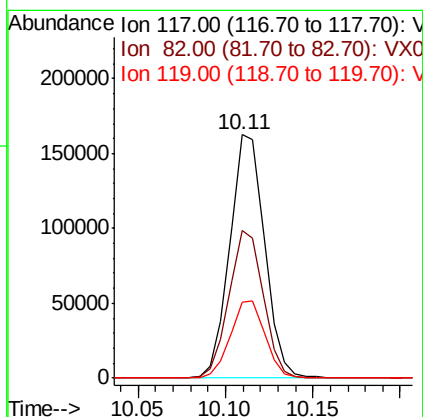
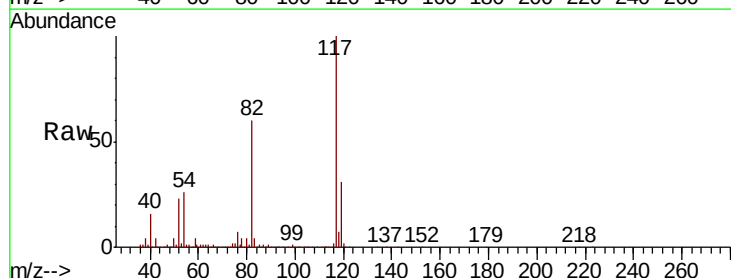
Instrument :
 MSVOA_X
 ClientSampled :
 97-98

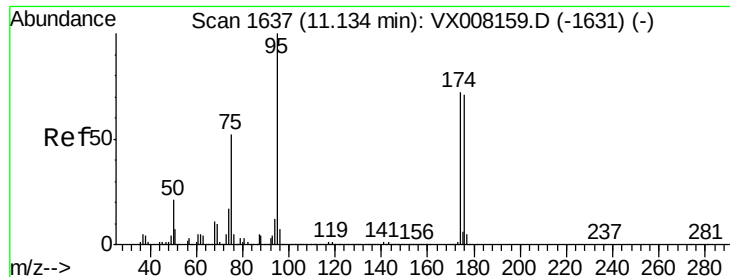
Tot Ion:114 Resp: 263687
 Ion Ratio Lower Upper
 114 100
 63 22.9 14.2 21.4#
 88 16.6 11.9 17.9



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VX008174.D
 Acq: 18 Mar 2019 18:59

Tgt Ion:117 Resp: 224609
 Ion Ratio Lower Upper
 117 100
 82 60.0 40.4 60.6
 119 31.9 25.8 38.6





#60

4-Bromofluorobenzene

Concen: 27.298 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008174.D

Acq: 18 Mar 2019 18:59

Instrument :

MSVOA_X

ClientSampled :

97-98

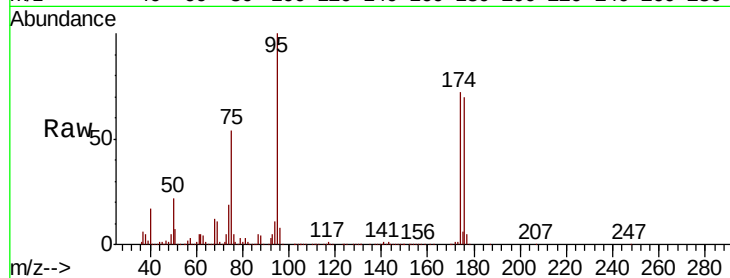
Tot Ion: 95 Resp: 102328

Ion Ratio Lower Upper

95 100

174 77.6 74.9 112.3

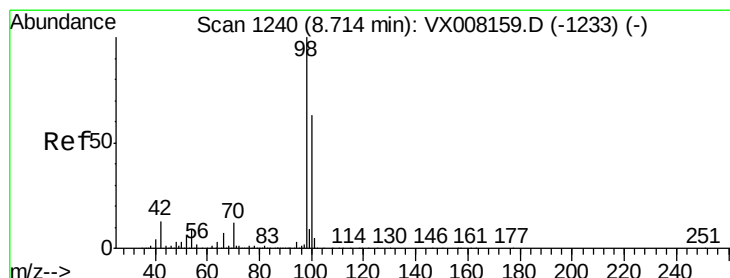
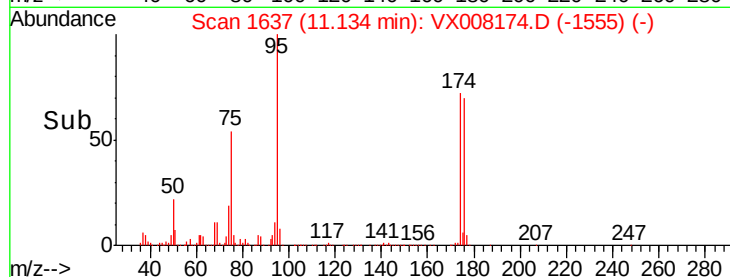
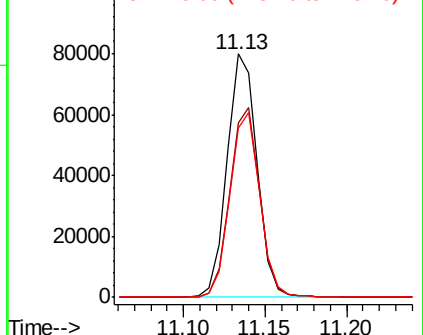
176 75.5 70.7 106.1



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: 29.845 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008174.D

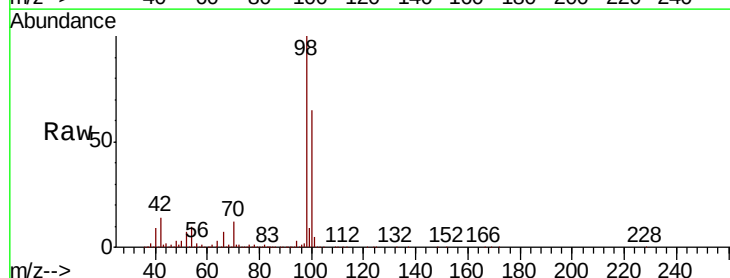
Acq: 18 Mar 2019 18:59

Tgt Ion: 98 Resp: 325702

Ion Ratio Lower Upper

98 100

100 63.3 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

