

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072419\
 Data File : VX011056.D
 Acq On : 24 Jul 2019 12:46
 Operator : JC/SP
 Sample : VX0724WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBL01

Quant Time: Jul 25 03:29:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 03:27:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	36064	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	199378	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	172741	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	71971	29.44	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.13%
60) 4-Bromofluorobenzene	11.13	95	78172	27.50	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	91.67%
63) Toluene-d8	8.71	98	227706	29.99	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.97%

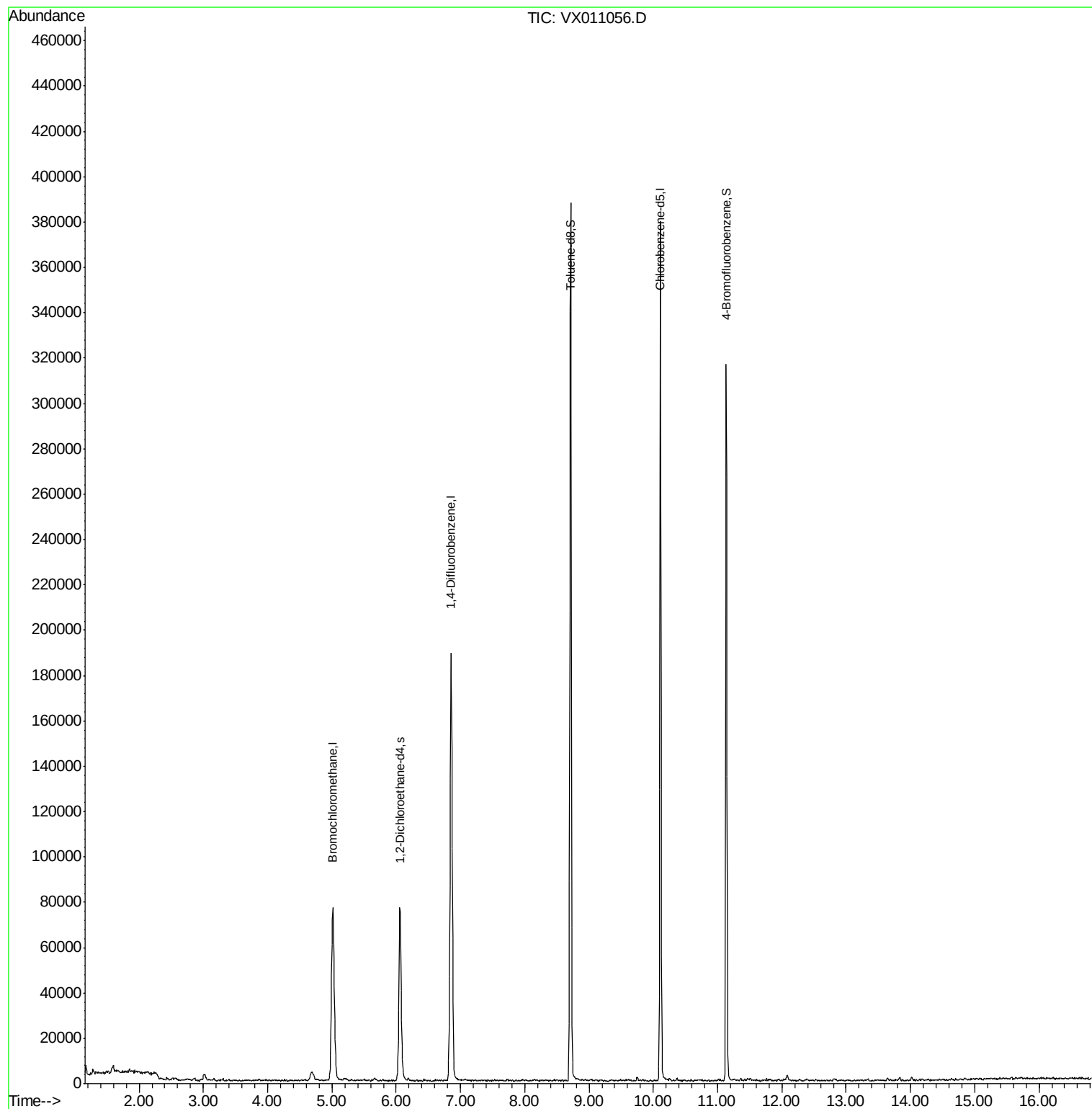
Target Compounds	Ovalue

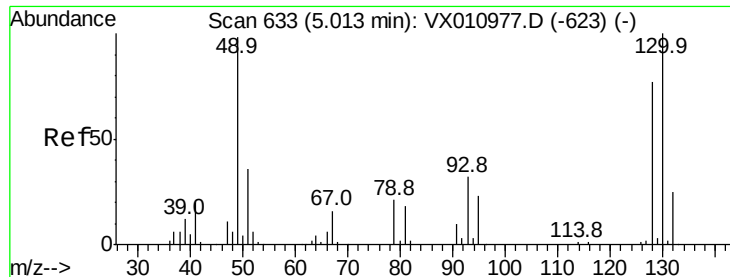
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 19 03:27:28 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.00 min

Lab File: VX011056.D

Acq: 24 Jul 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBL01

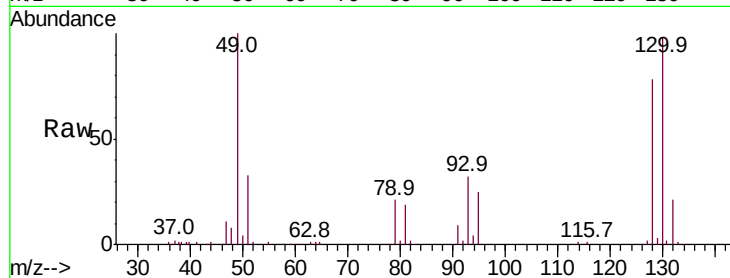
Tot Ion:128 Resp: 36064

Ion Ratio Lower Upper

128 100

49 133.3 0.0 343.5

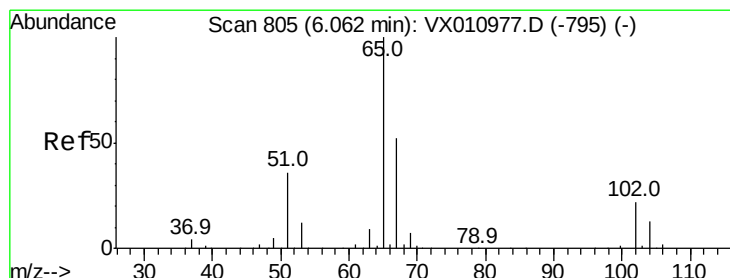
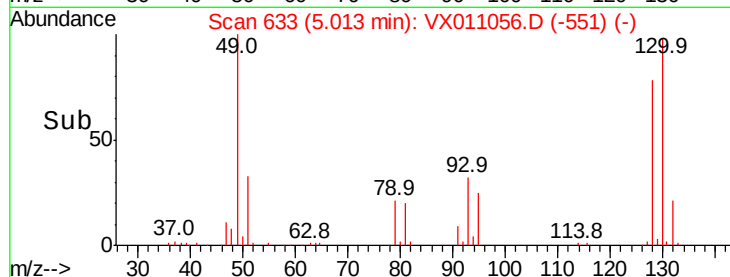
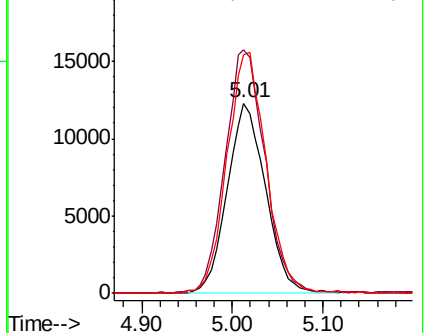
130 129.1 0.0 324.7



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: 29.437 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX011056.D

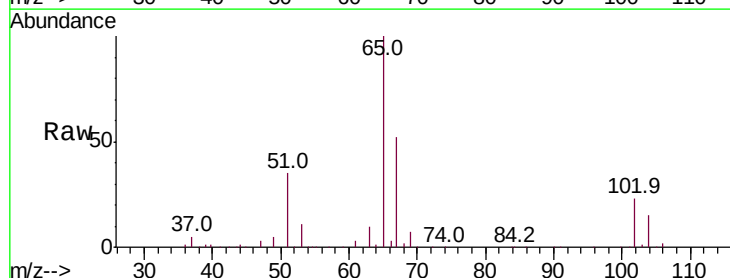
Acq: 24 Jul 2019 12:46

Tgt Ion: 65 Resp: 71971

Ion Ratio Lower Upper

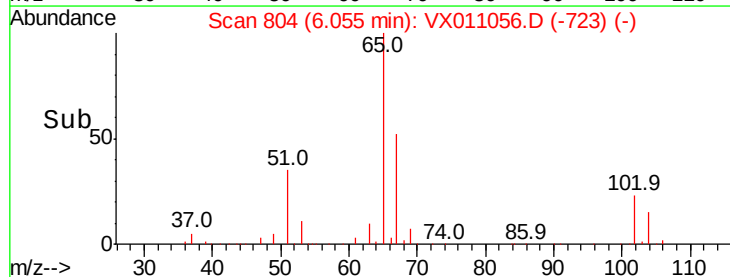
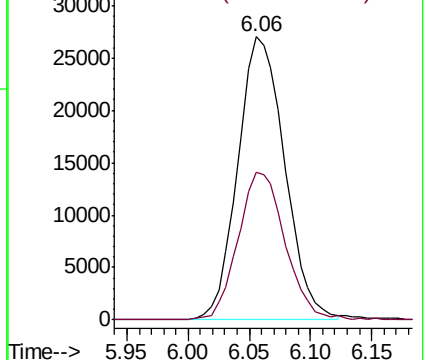
65 100

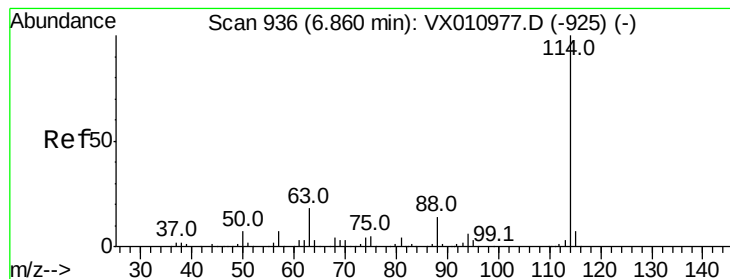
67 52.4 41.7 62.5



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: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX011056.D

Acq: 24 Jul 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBL01

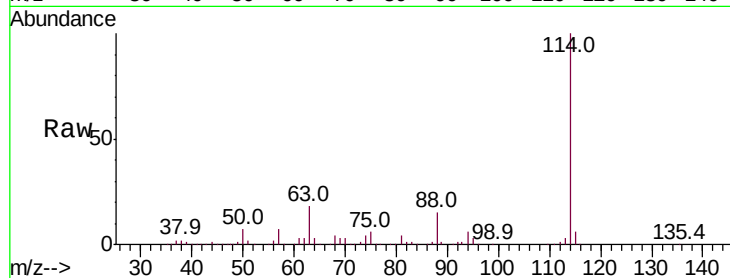
Tot Ion:114 Resp: 199378

Ion Ratio Lower Upper

114 100

63 18.4 14.6 22.0

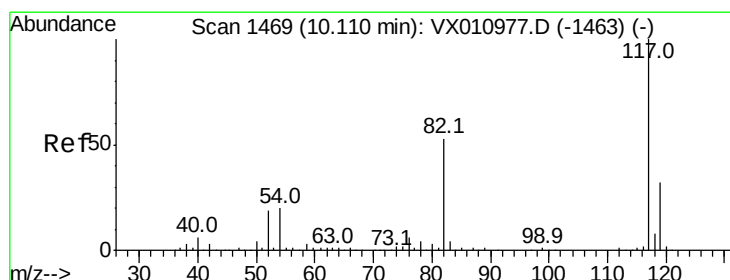
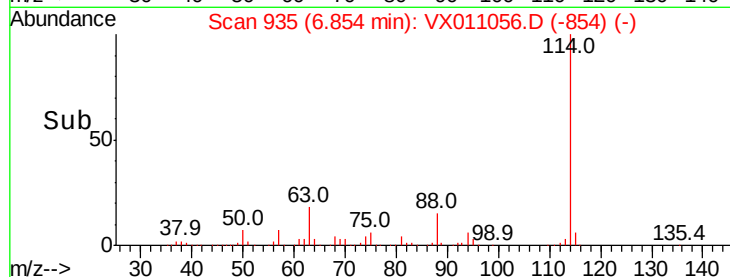
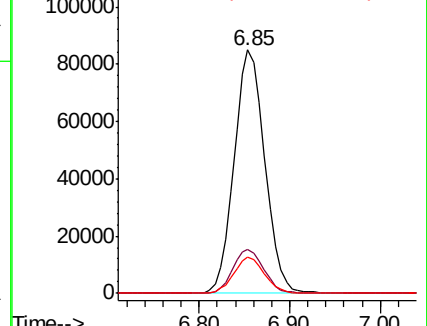
88 14.8 11.8 17.8



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: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011056.D

Acq: 24 Jul 2019 12:46

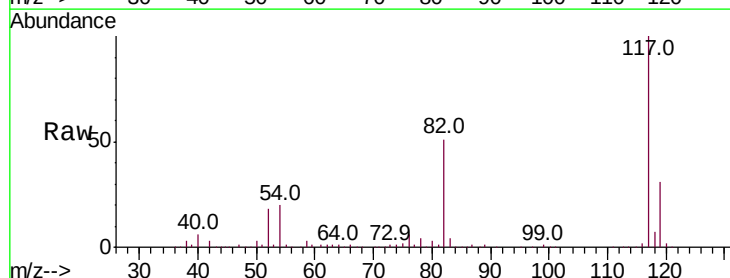
Tgt Ion:117 Resp: 172741

Ion Ratio Lower Upper

117 100

82 51.8 41.6 62.4

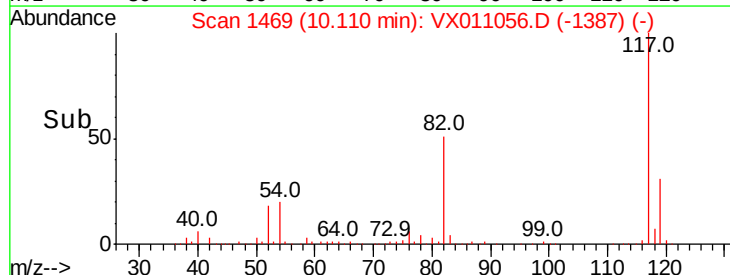
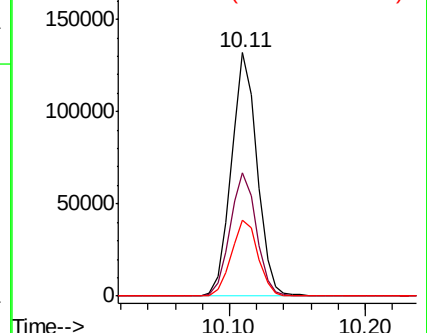
119 32.1 26.0 39.0

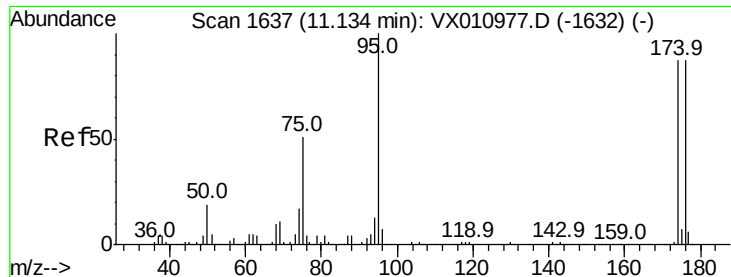


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V





#60

4-Bromofluorobenzene

Concen: 27.495 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011056.D

Acq: 24 Jul 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBL01

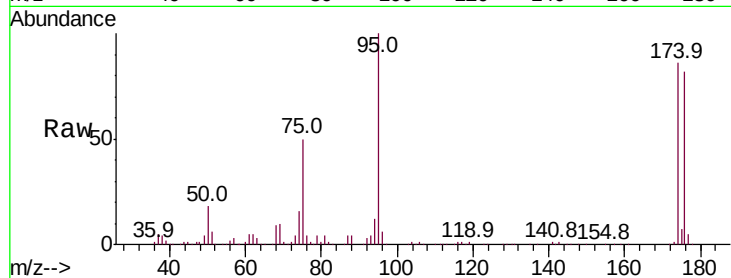
Tot Ion: 95 Resp: 78172

Ion Ratio Lower Upper

95 100

174 91.1 73.3 109.9

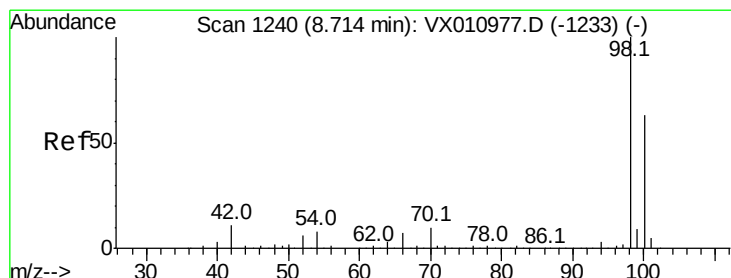
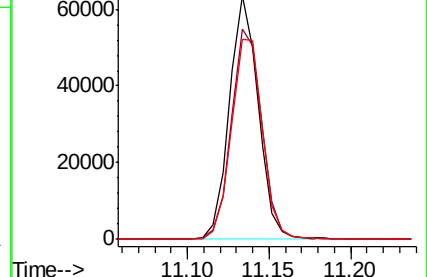
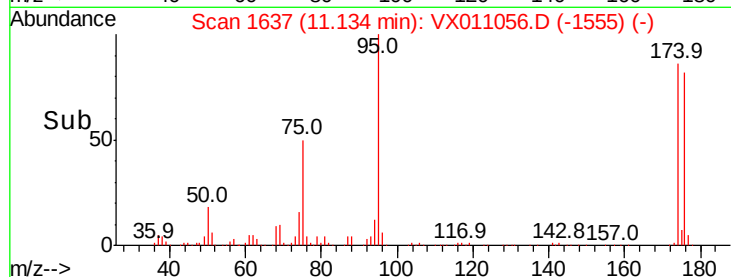
176 88.8 71.2 106.8



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: 29.990 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011056.D

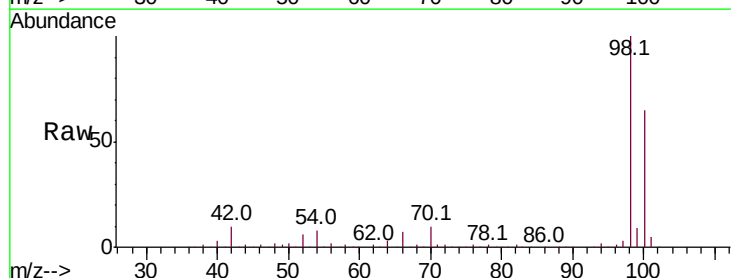
Acq: 24 Jul 2019 12:46

Tgt Ion: 98 Resp: 227706

Ion Ratio Lower Upper

98 100

100 64.5 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

