

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050418\
 Data File : VX001394.D
 Acq On : 04 May 2018 13:29
 Operator : JC/MD
 Sample : J2726-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPDES-1

Quant Time: May 05 05:53:25 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X043018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 01 09:17:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	29534	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	152643	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	138100	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.08	65	62891	29.52	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.40%
60) 4-Bromofluorobenzene	11.14	95	58015	25.07	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	83.57%
63) Toluene-d8	8.72	98	176132	29.74	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.13%

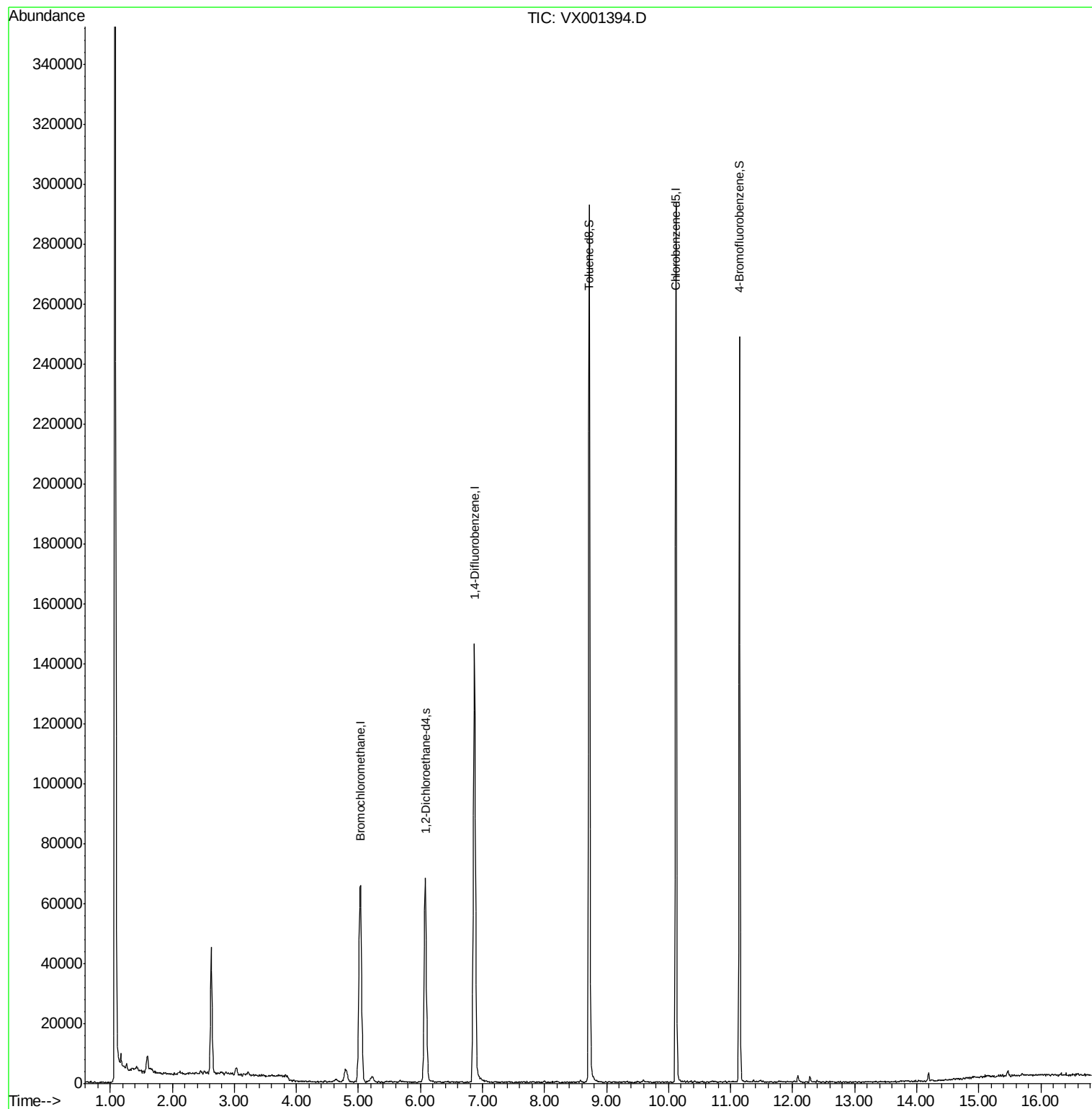
Target Compounds	Ovalue

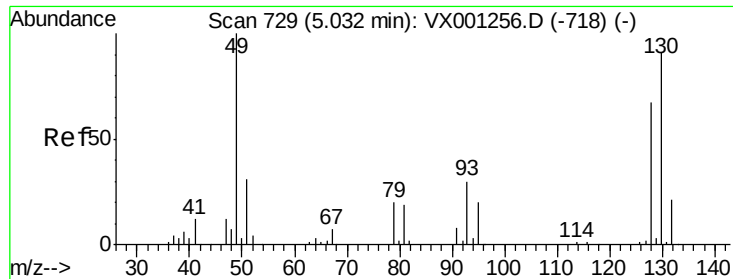
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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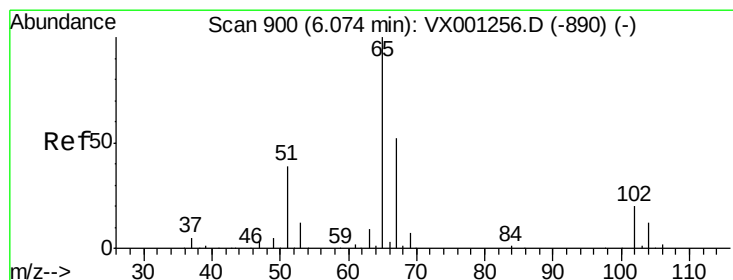
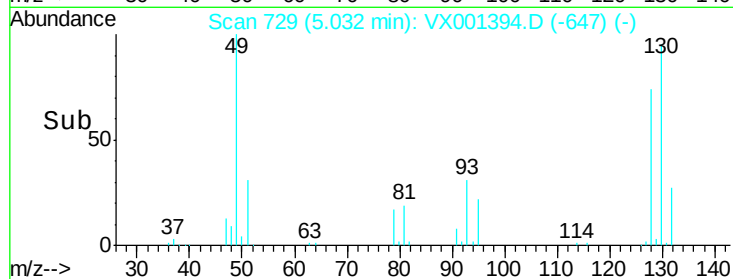
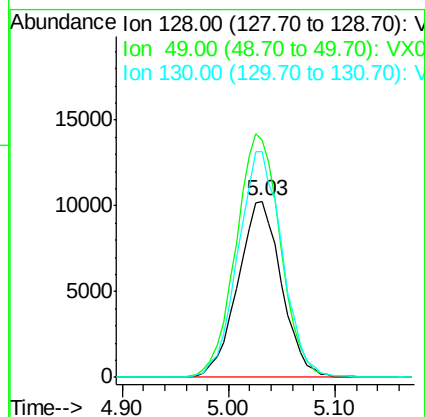
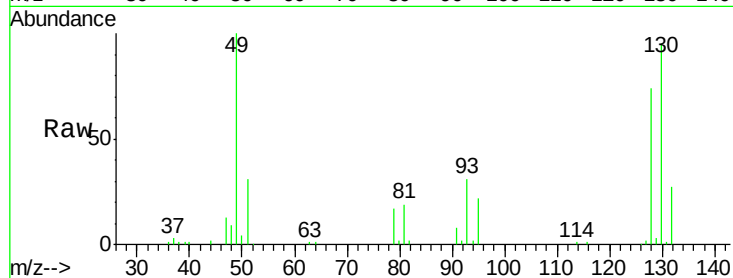




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.03 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: VX001394.D
 Acq: 04 May 2018 13:29

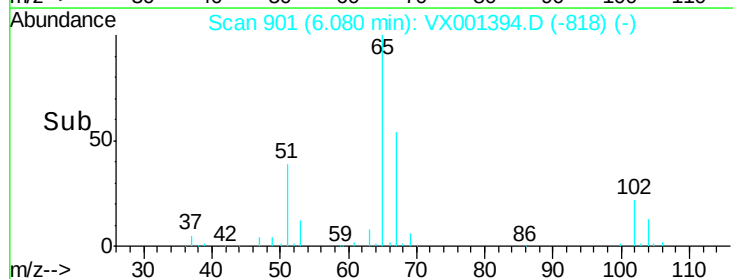
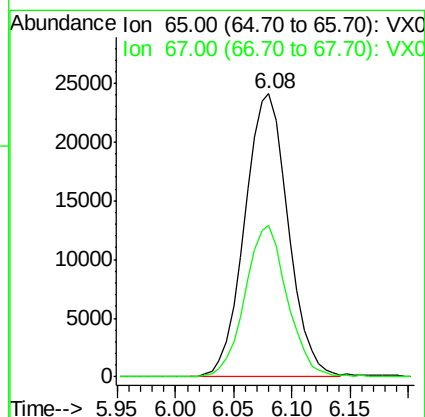
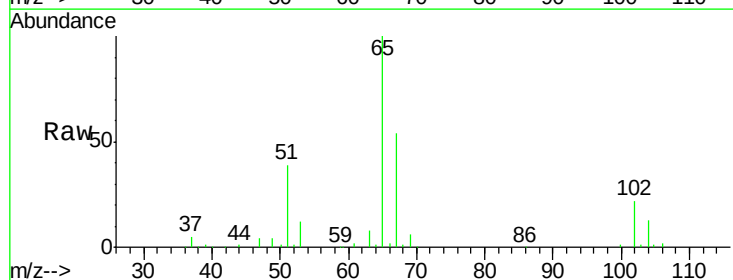
Instrument :
 MSVOA_X
 ClientSampleId :
 SPDES-1

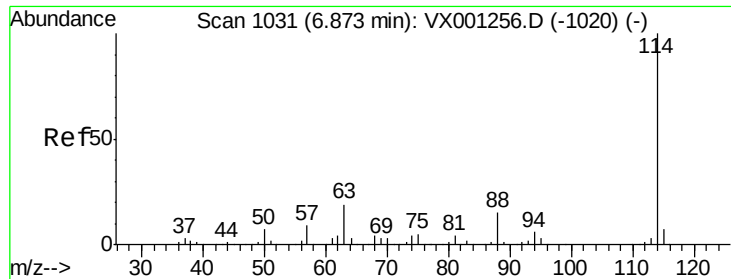
Tot Ion:128 Resp: 29534
 Ion Ratio Lower Upper
 128 100
 49 141.3 0.0 378.3
 130 129.8 0.0 324.3



#27
 1,2-Dichloroethane-d4
 Concen: 29.522 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001394.D
 Acq: 04 May 2018 13:29

Tgt Ion: 65 Resp: 62891
 Ion Ratio Lower Upper
 65 100
 67 51.7 41.4 62.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001394.D

Acq: 04 May 2018 13:29

Instrument :

MSVOA_X

ClientSampleId :

SPDES-1

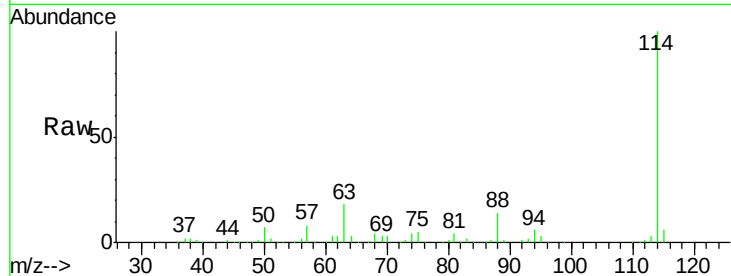
Tot Ion:114 Resp: 152643

Ion Ratio Lower Upper

114 100

63 18.6 15.0 22.4

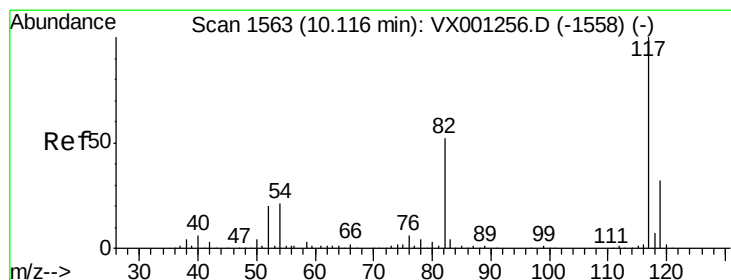
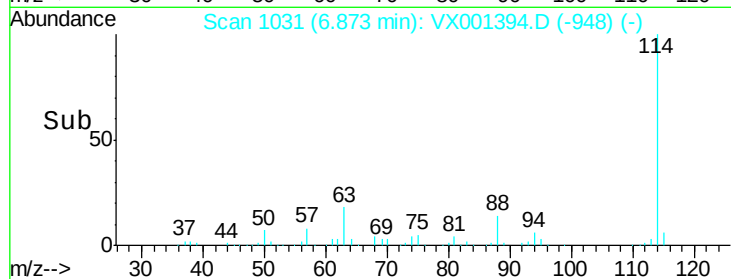
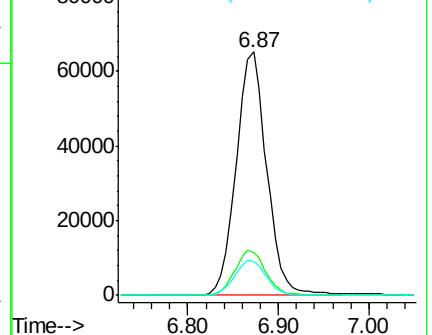
88 14.6 11.8 17.8



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: 10.12 min Scan# 1564

Delta R.T. 0.01 min

Lab File: VX001394.D

Acq: 04 May 2018 13:29

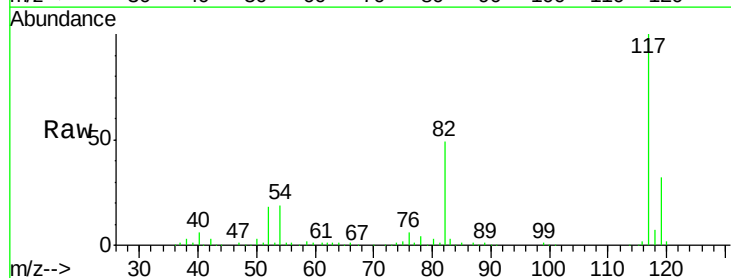
Tgt Ion:117 Resp: 138100

Ion Ratio Lower Upper

117 100

82 51.0 43.0 64.4

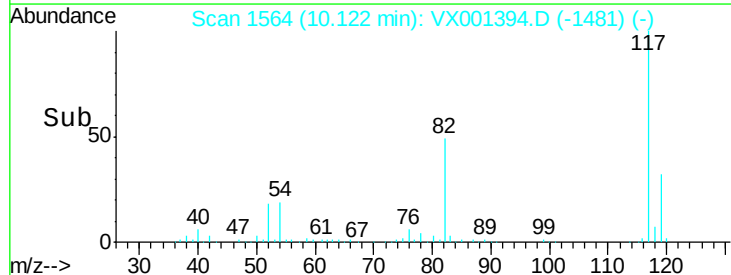
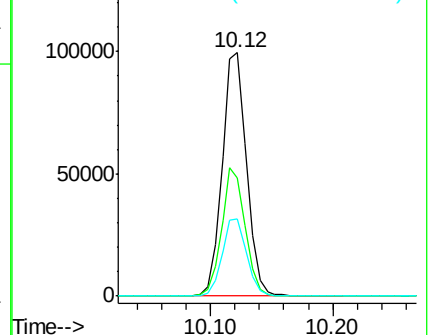
119 31.9 25.8 38.8

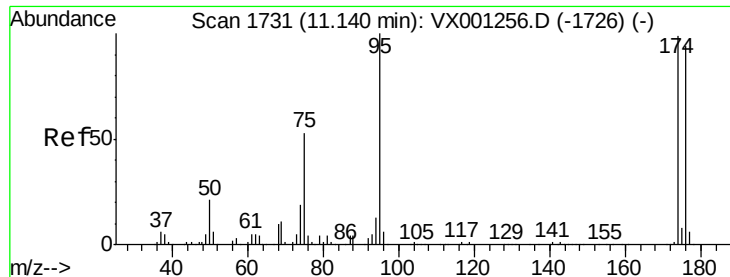


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V

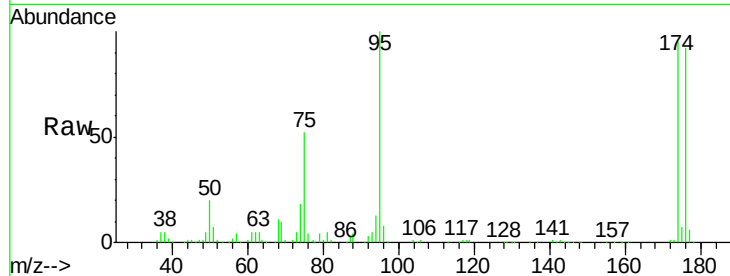




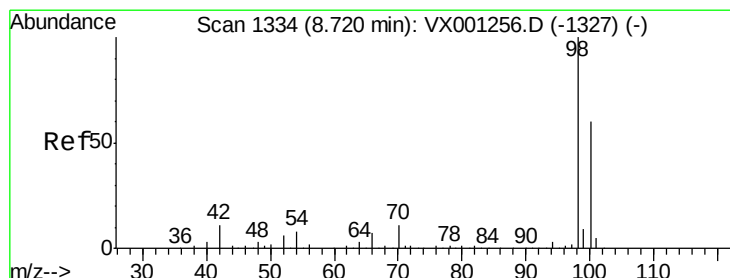
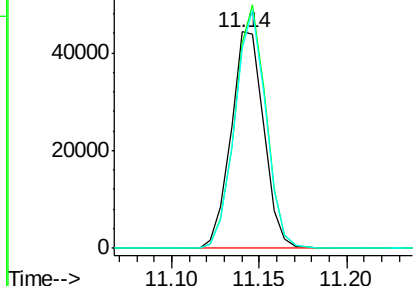
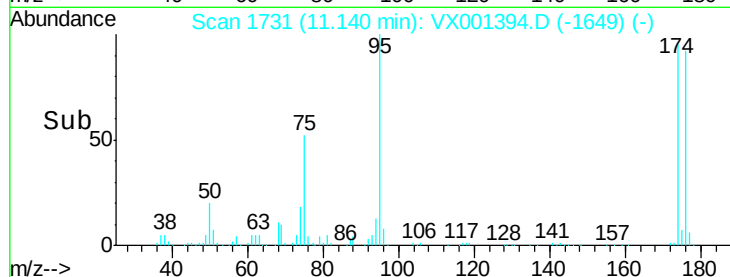
#60
4-Bromofluorobenzene
Concen: 25.075 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001394.D
Acq: 04 May 2018 13:29

Instrument :
MSVOA_X
ClientSampleId :
SPDES-1

Tot Ion: 95 Resp: 58015
Ion Ratio Lower Upper
95 100
174 106.2 71.1 106.7
176 104.0 69.3 103.9#

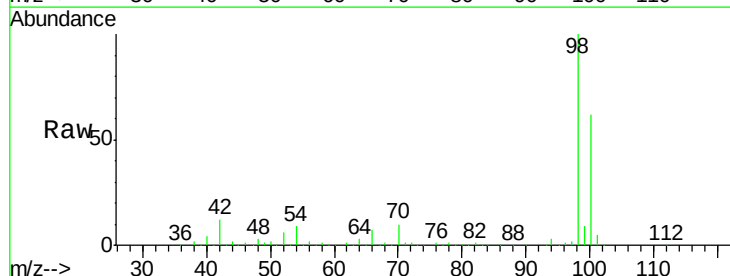


Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V



#63
Toluene-d8
Concen: 29.741 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001394.D
Acq: 04 May 2018 13:29

Tgt Ion: 98 Resp: 176132
Ion Ratio Lower Upper
98 100
100 62.3 50.0 75.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

