

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071118\
 Data File : VN049760.D
 Acq On : 11 Jul 2018 16:54
 Operator : MD\SY
 Sample : VN0711WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 12 02:02:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 12 01:52:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	284448	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	1492680	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	1269253	30.00	ug/l	0.00

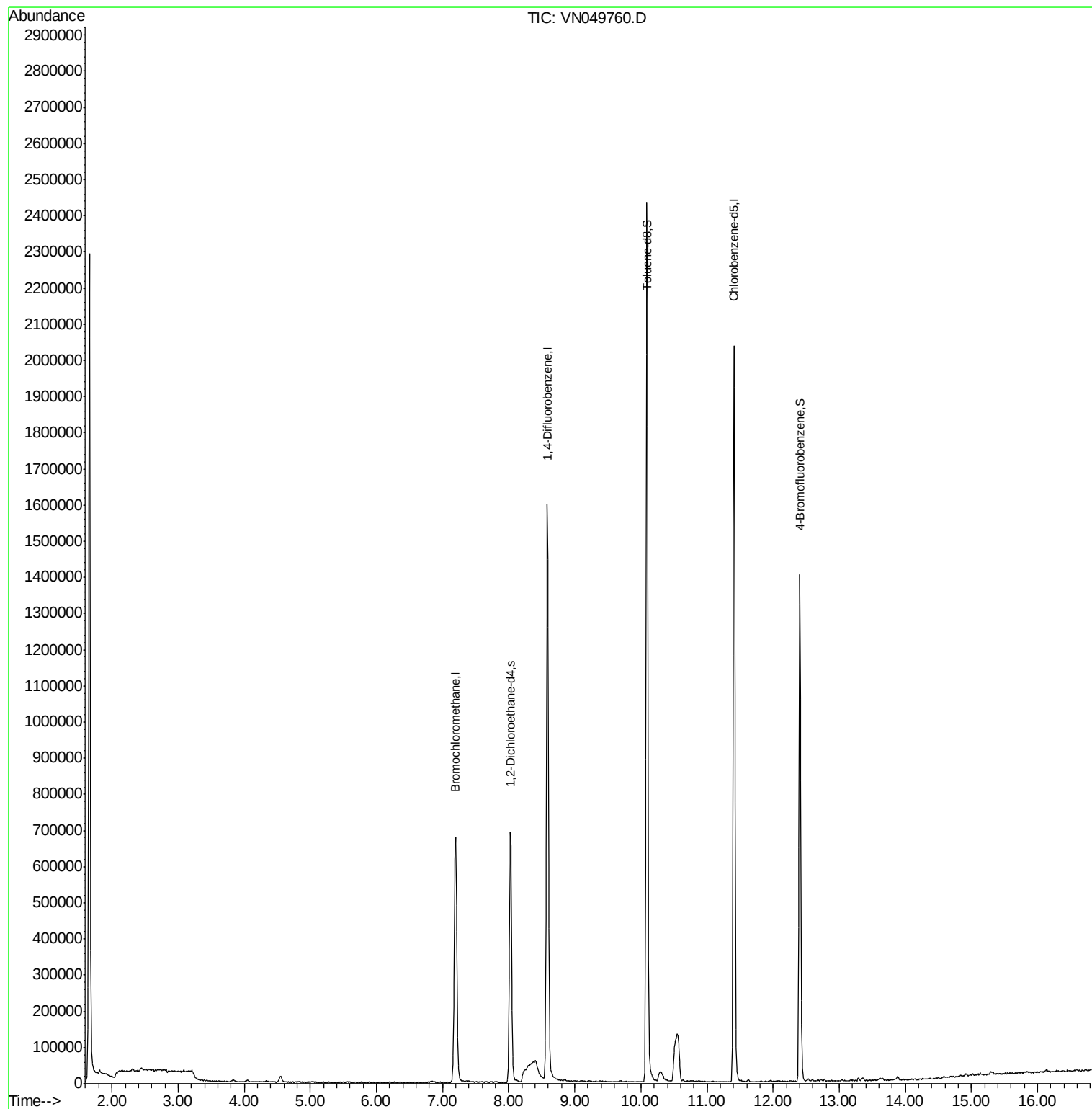
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	593477	30.86	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.87%
60) 4-Bromofluorobenzene	12.40	95	471844	24.08	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	80.27%
63) Toluene-d8	10.09	98	1740203	29.34	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.80%

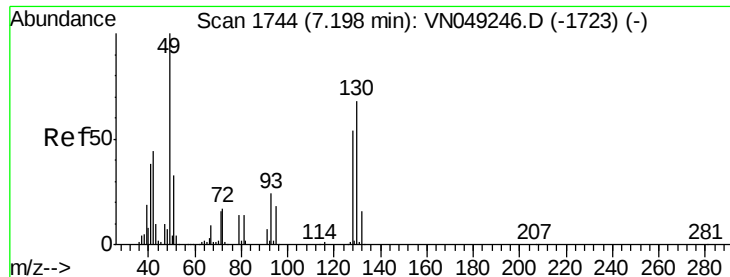
Target Compounds	Ovalue

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

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QLast Update : Thu Jul 12 01:52:12 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.19 min Scan# 1743

Delta R.T. -0.00 min

Lab File: VN049760.D

Acq: 11 Jul 2018 16:54

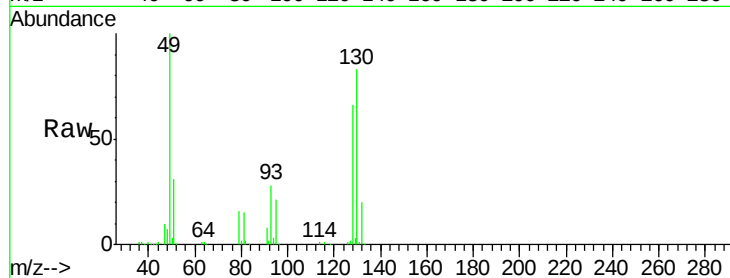
Tot Ion:128 Resp: 284448

Ion Ratio Lower Upper

128 100

49 150.3 0.0 378.3

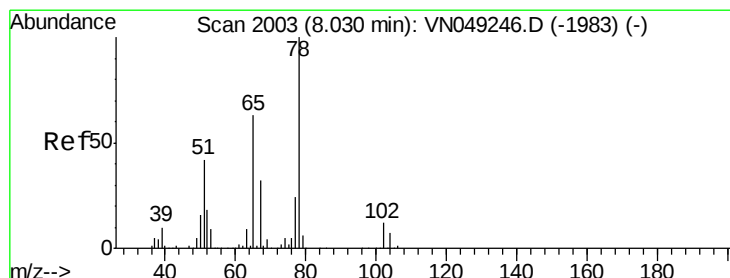
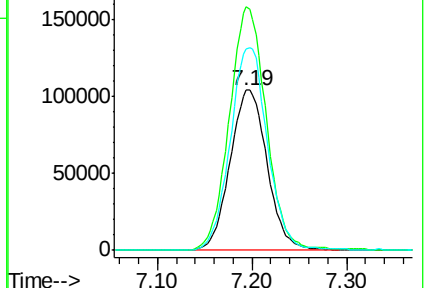
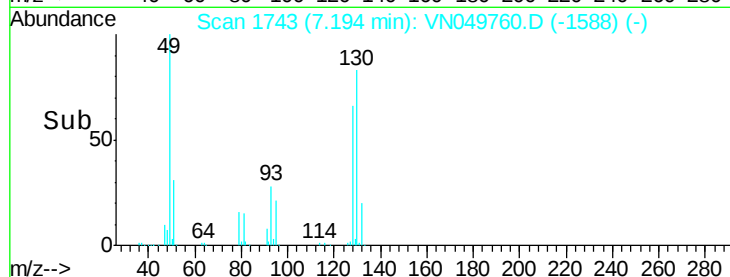
130 127.3 0.0 320.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#27

1,2-Dichloroethane-d4

Concen: 30.86 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. -0.00 min

Lab File: VN049760.D

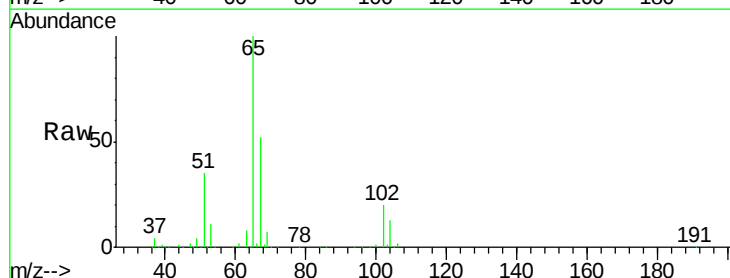
Acq: 11 Jul 2018 16:54

Tgt Ion: 65 Resp: 593477

Ion Ratio Lower Upper

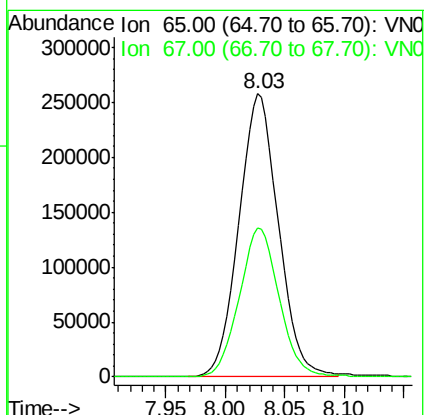
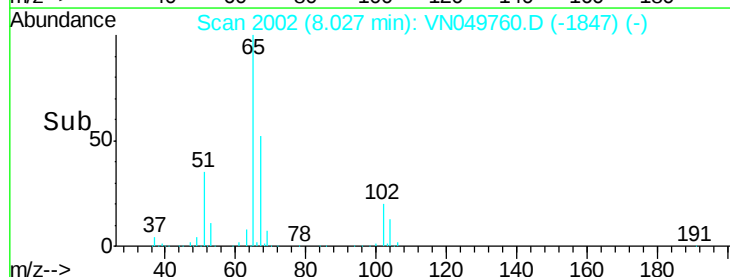
65 100

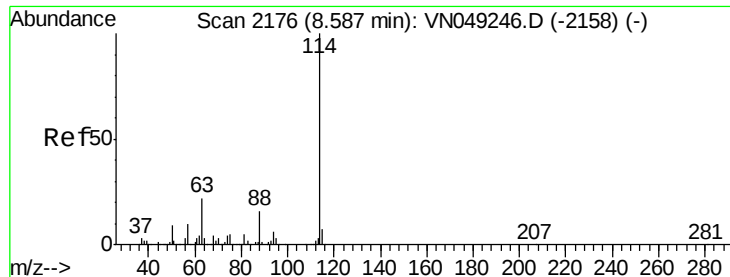
67 53.1 42.7 64.1



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0





#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 8.59 min Scan# 2176

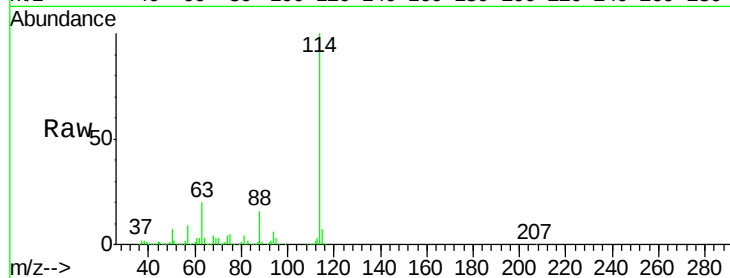
Delta R.T. 0.00 min

Lab File: VN049760.D

Acq: 11 Jul 2018 16:54

Tot Ion:114 Resp: 1492680

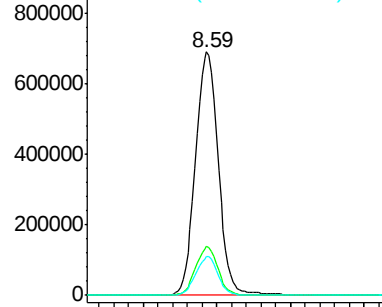
Ion	Ratio	Lower	Upper
114	100		
63	19.6	16.2	24.2
88	15.4	12.3	18.5



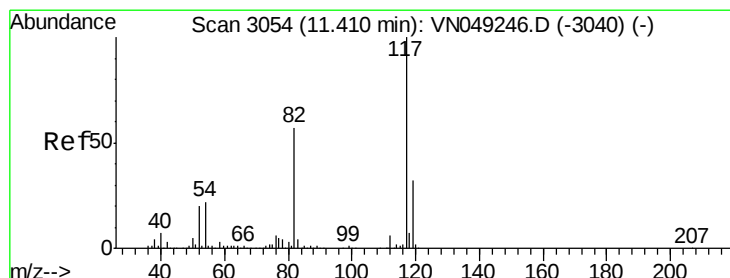
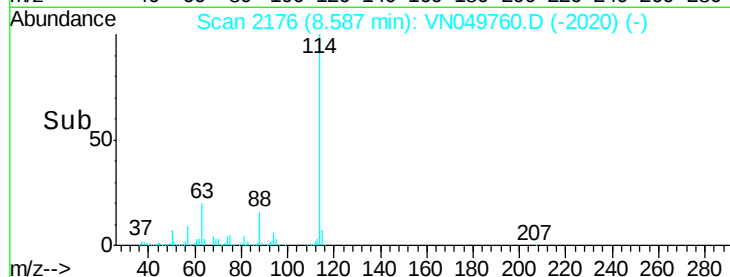
Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 88.00 (87.70 to 88.70): VN0



Time-->



#57

Chlorobenzene-d5

Concen: 30.00 ug/l

RT: 11.41 min Scan# 3054

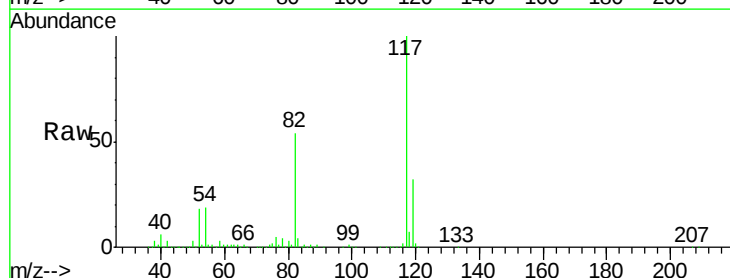
Delta R.T. 0.00 min

Lab File: VN049760.D

Acq: 11 Jul 2018 16:54

Tgt Ion:117 Resp: 1269253

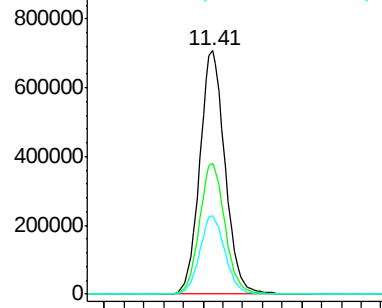
Ion	Ratio	Lower	Upper
117	100		
82	54.0	42.4	63.6
119	32.2	25.4	38.0



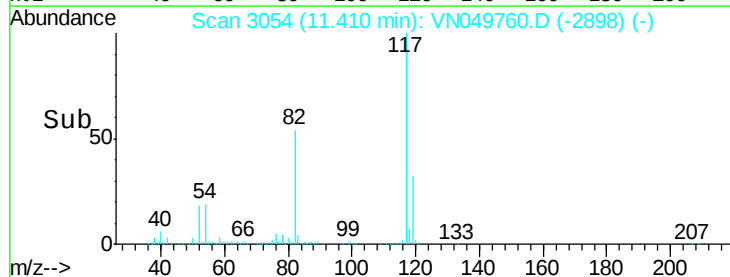
Abundance Ion 117.00 (116.70 to 117.70): V

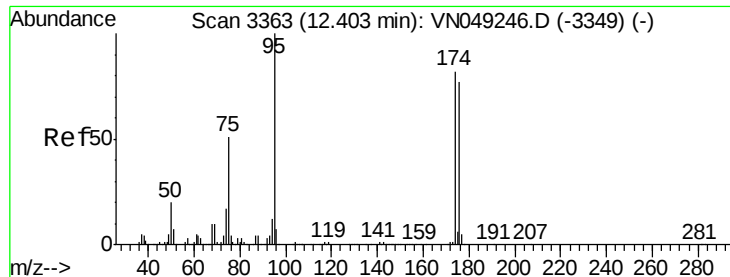
Ion 82.00 (81.70 to 82.70): VN0

Ion 119.00 (118.70 to 119.70): V



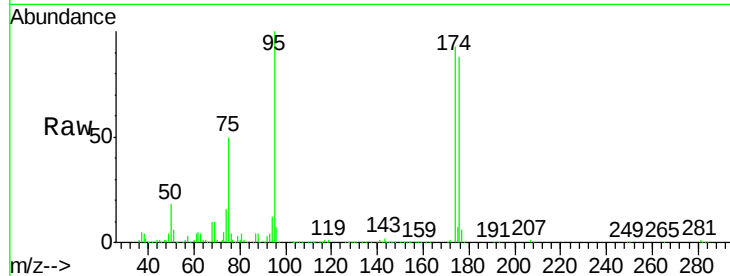
Time-->



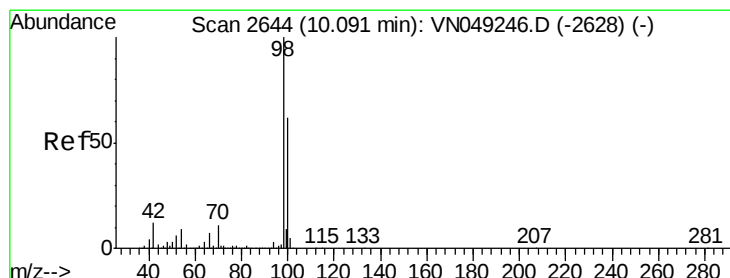
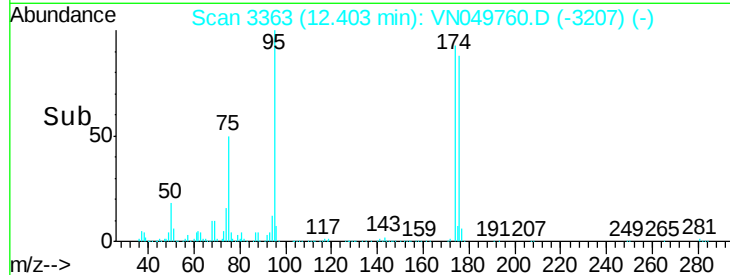
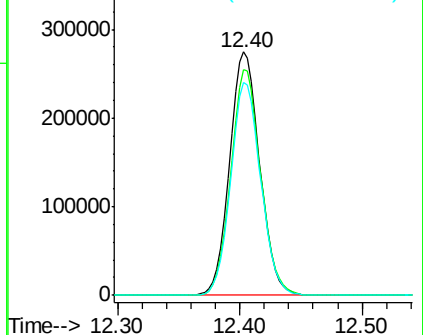


#60
4-Bromofluorobenzene
Concen: 24.08 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049760.D
Acq: 11 Jul 2018 16:54

Tot Ion: 95 Resp: 471844
Ion Ratio Lower Upper
95 100
174 91.8 72.3 108.5
176 87.1 70.0 105.0

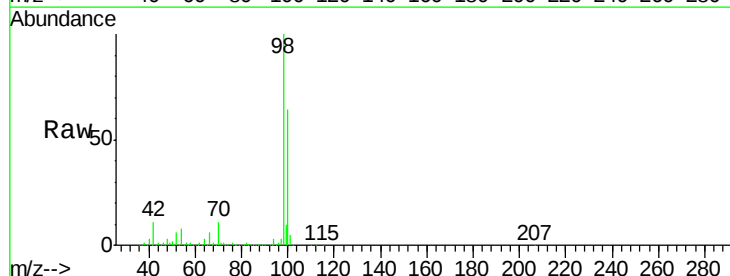


Abundance Ion 95.00 (94.70 to 95.70): VN0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V



#63
Toluene-d8
Concen: 29.34 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN049760.D
Acq: 11 Jul 2018 16:54

Tgt Ion: 98 Resp: 1740203
Ion Ratio Lower Upper
98 100
100 63.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): V

