

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110818\
 Data File : VN052221.D
 Acq On : 8 Nov 2018 15:33
 Operator : MD\SY
 Sample : J5878-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SPDES-1

Quant Time: Nov 08 15:54:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 02 05:39:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	59719	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	347893	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	293639	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.02	65	131253	29.61	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.70%
60) 4-Bromofluorobenzene	12.40	95	124095	26.42	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	88.07%
63) Toluene-d8	10.09	98	417580	30.24	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.80%

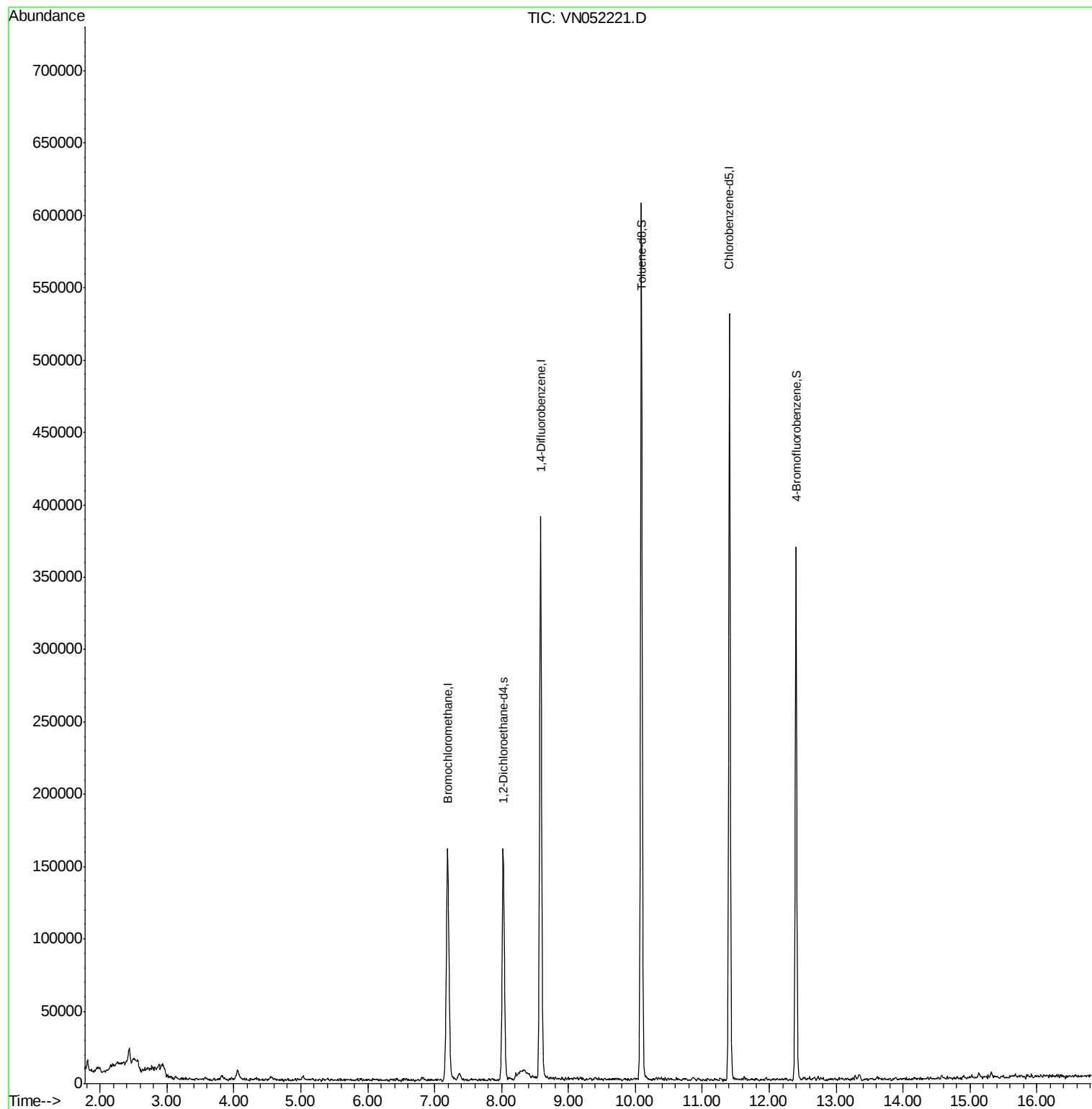
Target Compounds	Ovalue

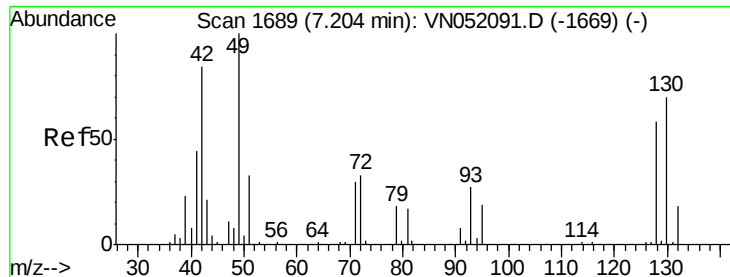
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.01 min

Lab File: VN052221.D

Acq: 8 Nov 2018 15:33

Instrument :

MSVOA_N

ClientSampleId :

SPDES-1

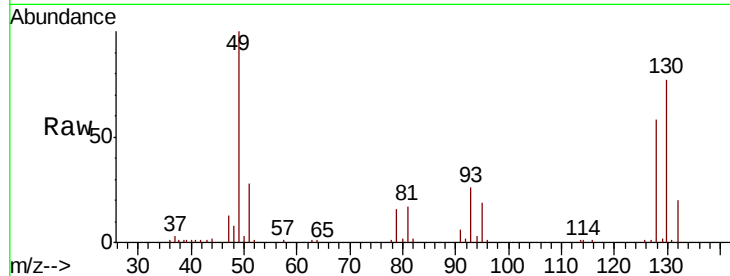
Tot Ion:128 Resp: 59719

Ion Ratio Lower Upper

128 100

49 174.0 0.0 453.7

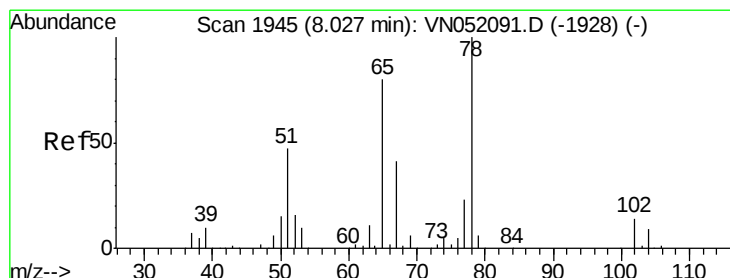
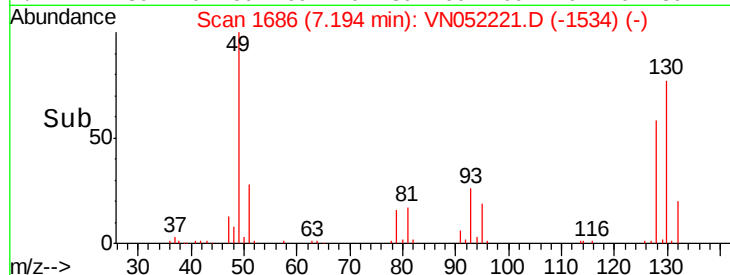
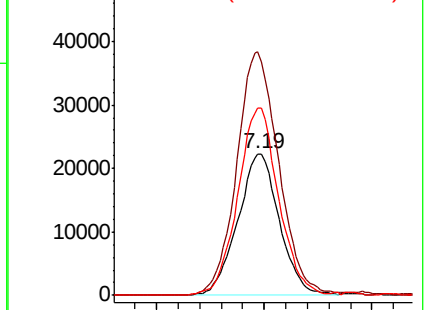
130 129.8 0.0 308.8



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: Below ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN052221.D

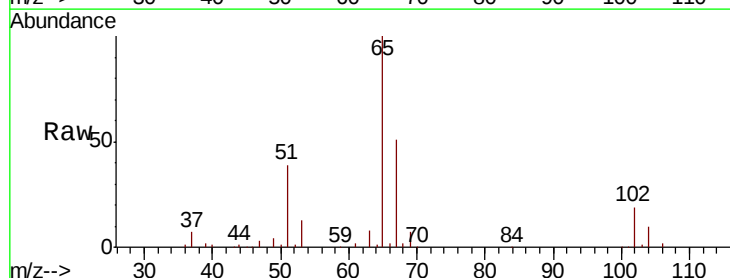
Acq: 8 Nov 2018 15:33

Tgt Ion: 65 Resp: 131253

Ion Ratio Lower Upper

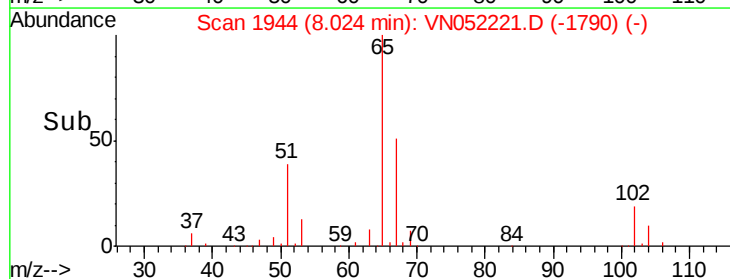
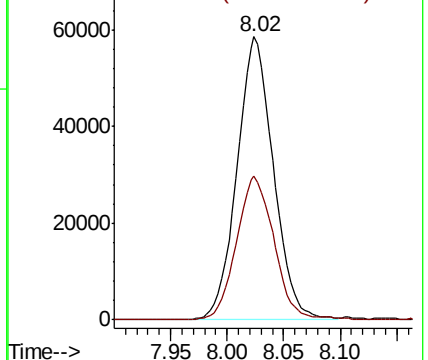
65 100

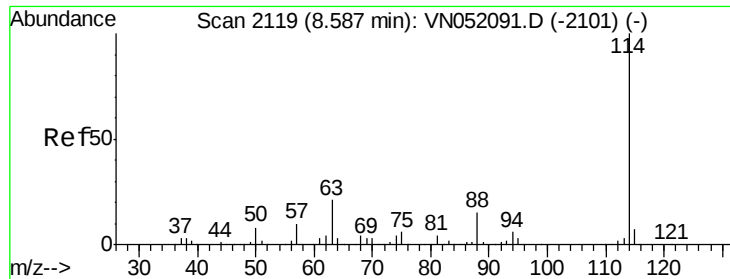
67 52.2 42.6 64.0



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

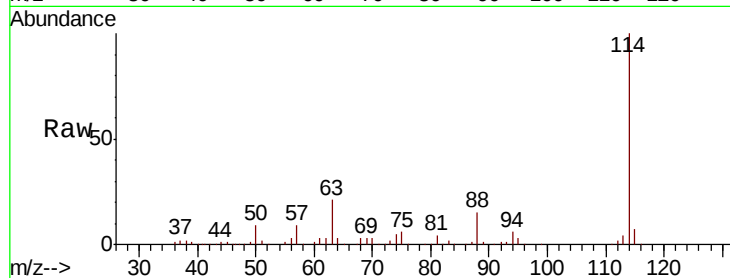




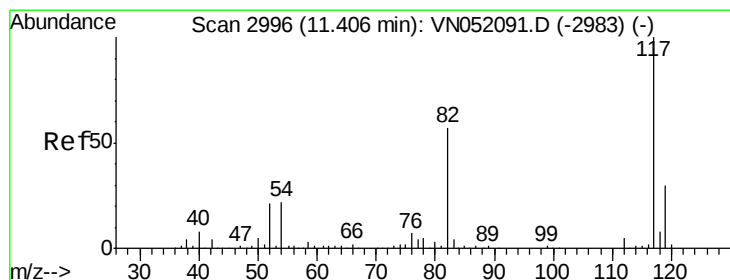
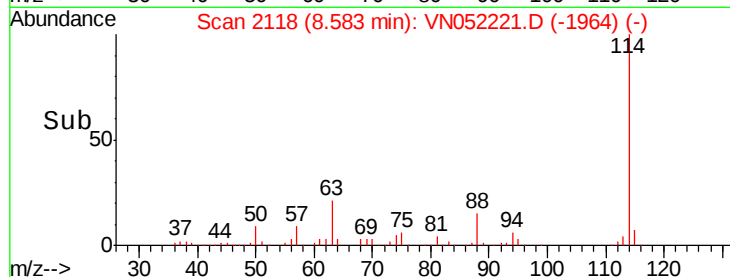
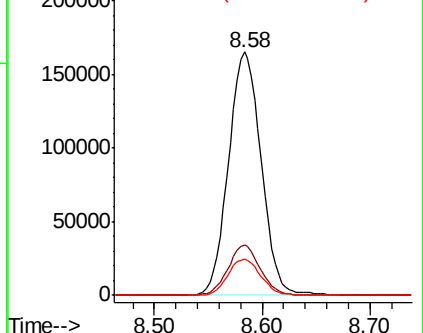
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN052221.D
 Acq: 8 Nov 2018 15:33

Instrument :
 MSVOA_N
 ClientSampleId :
 SPDES-1

Tot Ion:114 Resp: 347893
 Ion Ratio Lower Upper
 114 100
 63 20.3 17.5 26.3
 88 15.0 12.6 18.8

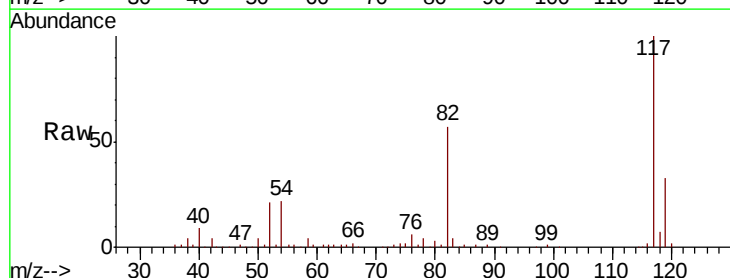


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 88.00 (87.70 to 88.70): VN

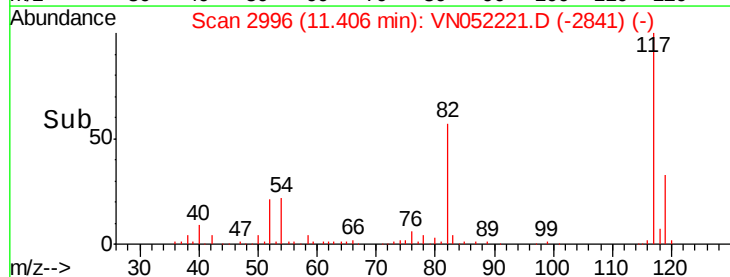
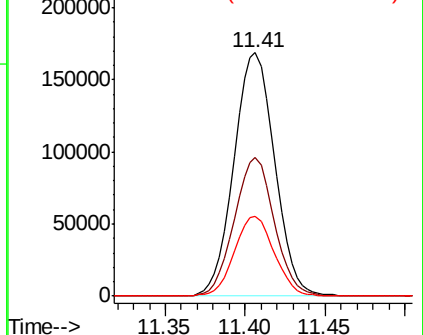


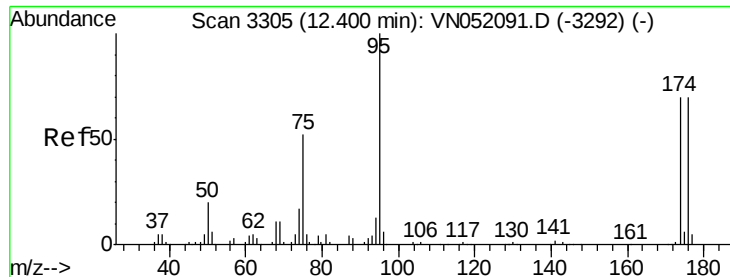
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: VN052221.D
 Acq: 8 Nov 2018 15:33

Tgt Ion:117 Resp: 293639
 Ion Ratio Lower Upper
 117 100
 82 55.7 45.0 67.6
 119 32.0 24.2 36.4



Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 82.00 (81.70 to 82.70): VN
 Ion 119.00 (118.70 to 119.70): V

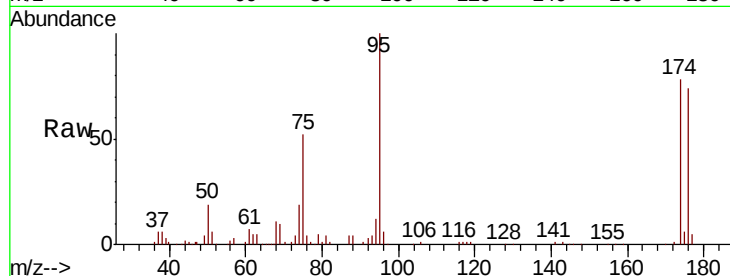




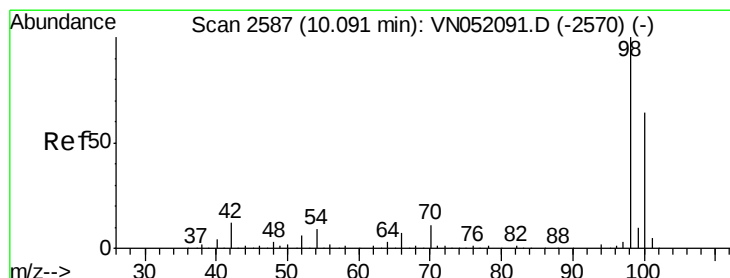
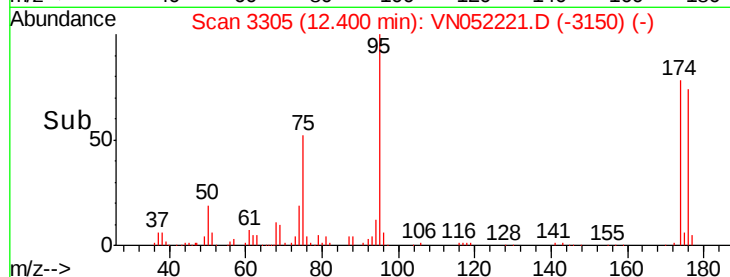
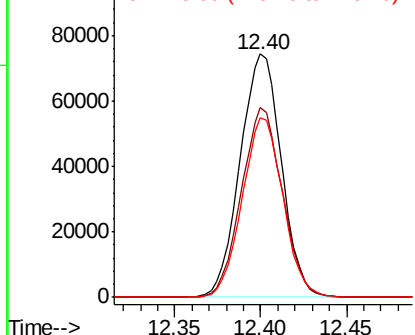
#60
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052221.D
Acq: 8 Nov 2018 15:33

Instrument :
MSVOA_N
ClientSampleId :
SPDES-1

Tot Ion: 95 Resp: 124095
Ion Ratio Lower Upper
95 100
174 77.4 55.0 82.6
176 72.9 54.2 81.4

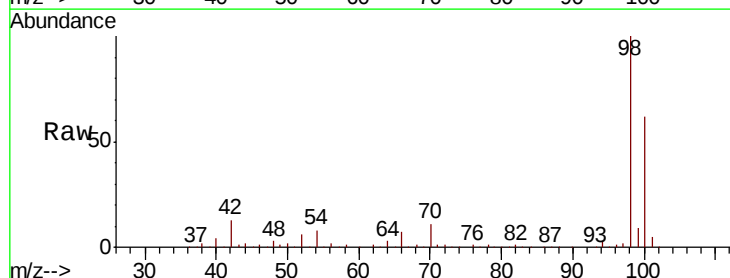


Abundance Ion 95.00 (94.70 to 95.70): VN0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V



#63
Toluene-d8
Concen: Below ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN052221.D
Acq: 8 Nov 2018 15:33

Tgt Ion: 98 Resp: 417580
Ion Ratio Lower Upper
98 100
100 62.4 50.7 76.1



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

