

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091418\
 Data File : VN051178.D
 Acq On : 14 Sep 2018 10:17
 Operator : MD\SY
 Sample : J4894-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPDES-1

Quant Time: Sep 14 15:48:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 29 01:38:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	87309	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	434520	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	345422	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	164203	29.47	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.23%
60) 4-Bromofluorobenzene	12.40	95	99331	19.34	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	64.47%
63) Toluene-d8	10.09	98	492904	30.60	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.00%

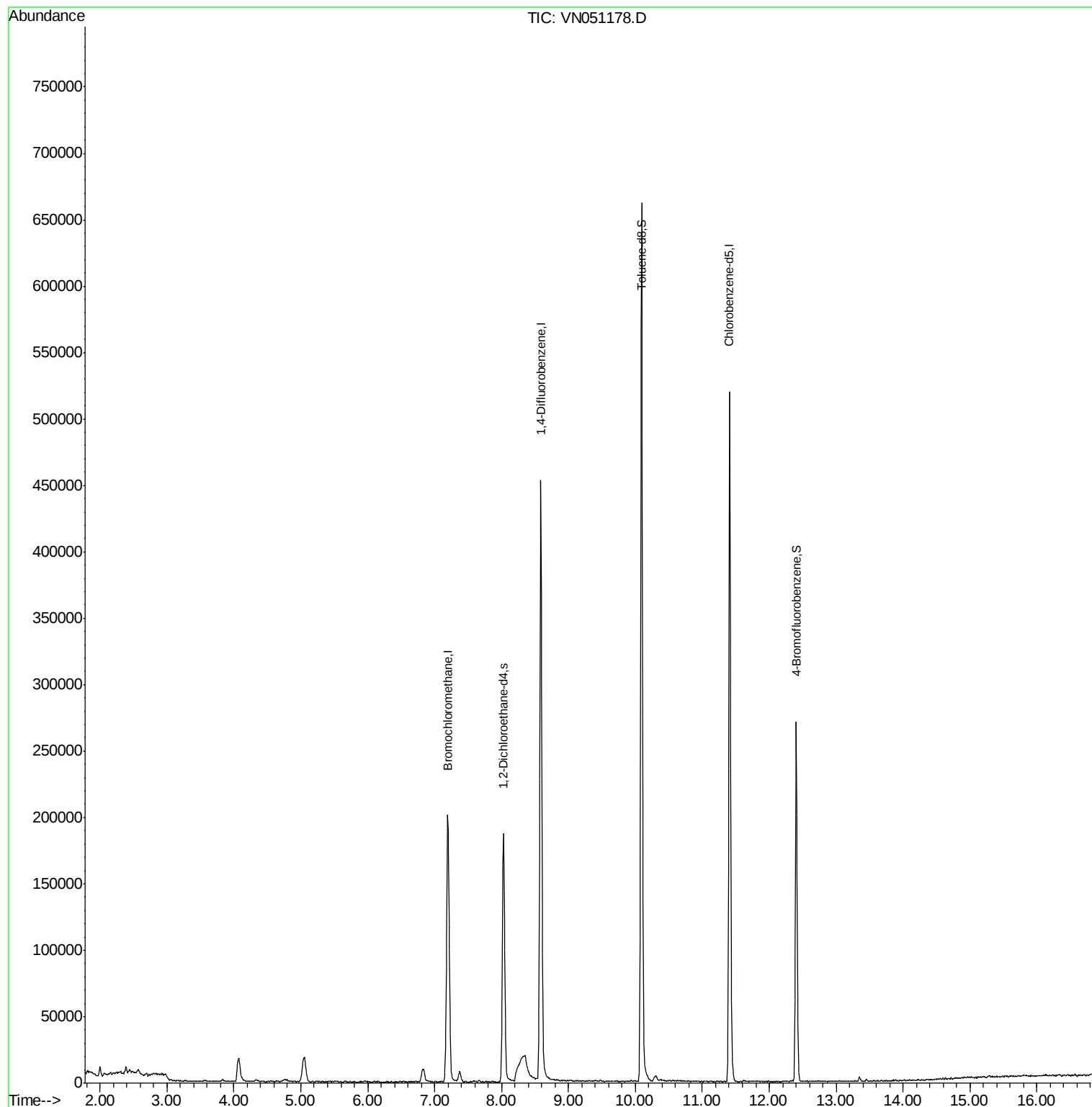
Target Compounds	Ovalue

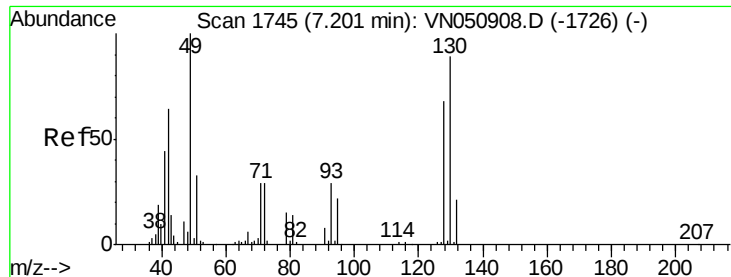
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 29 01:38:44 2018
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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN051178.D

Acq: 14 Sep 2018 10:17

Instrument :

MSVOA_N

ClientSampleId :

SPDES-1

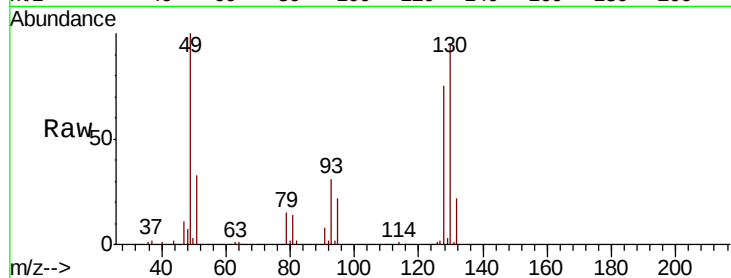
Tot Ion:128 Resp: 87309

Ion Ratio Lower Upper

128 100

49 144.3 0.0 380.3

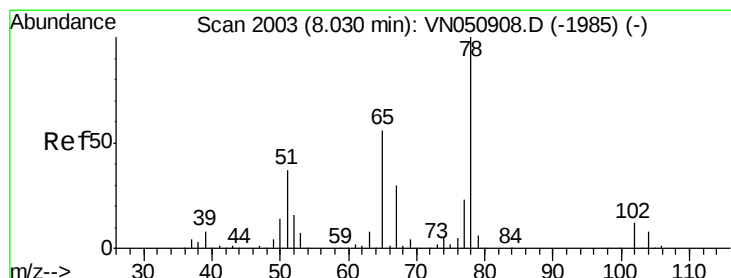
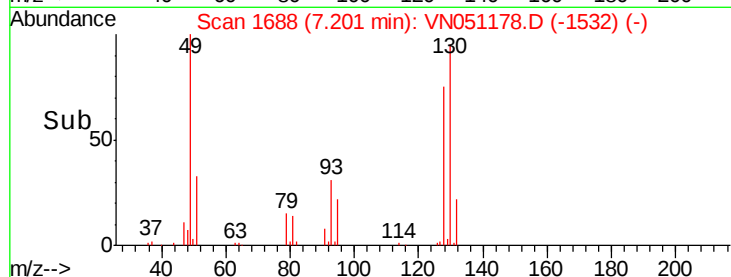
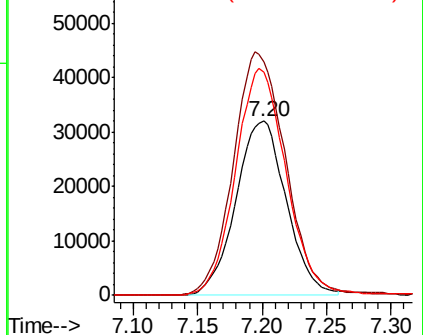
130 130.7 0.0 325.3



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: 29.47 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051178.D

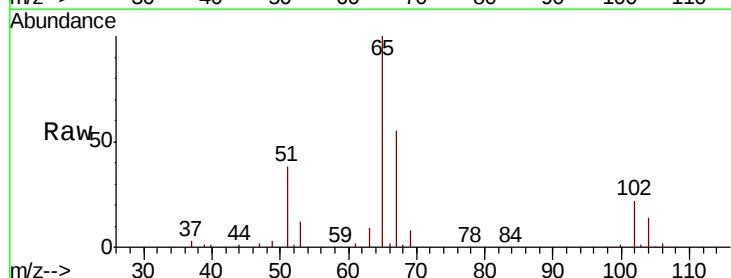
Acq: 14 Sep 2018 10:17

Tgt Ion: 65 Resp: 164203

Ion Ratio Lower Upper

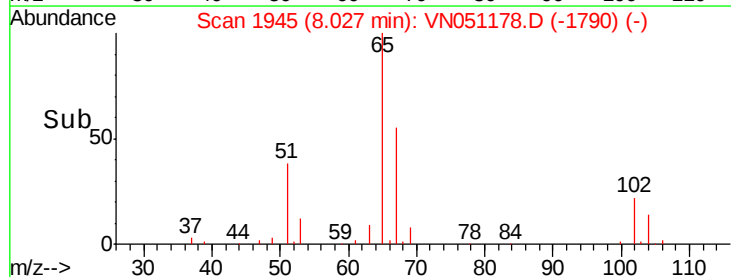
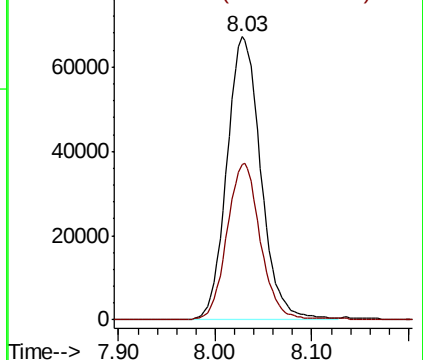
65 100

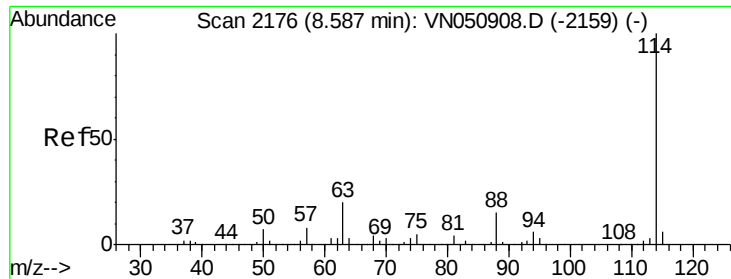
67 54.1 43.7 65.5



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

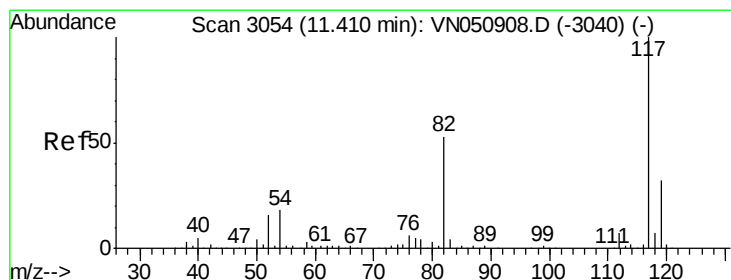
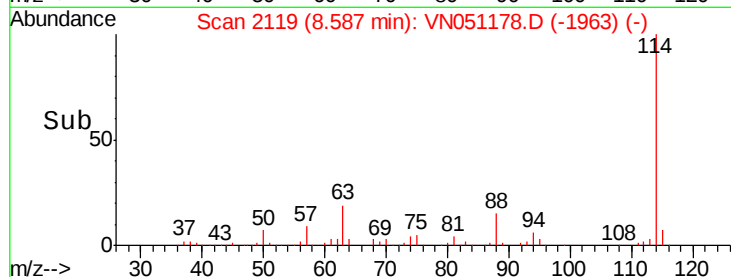
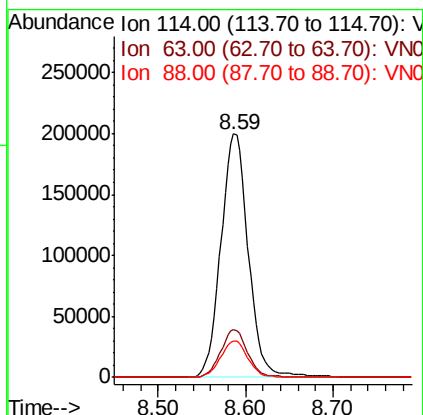
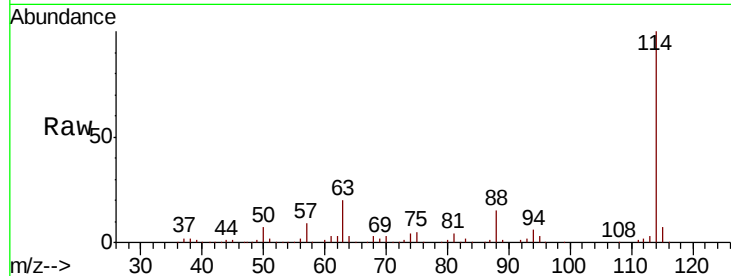




#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051178.D
 Acq: 14 Sep 2018 10:17

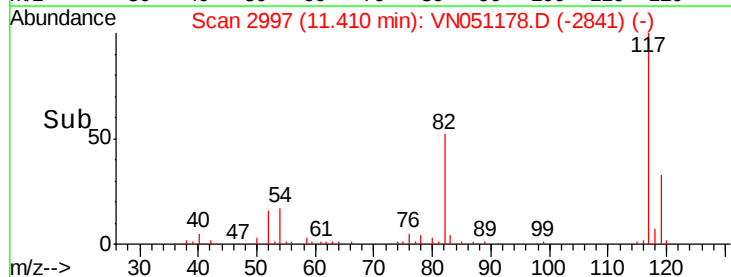
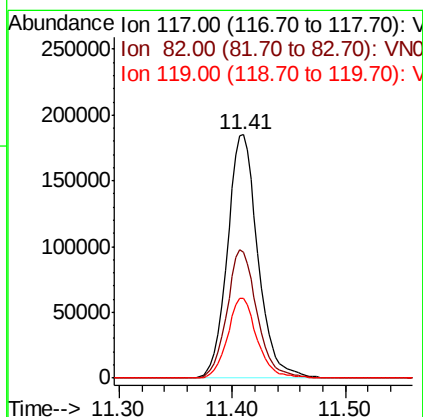
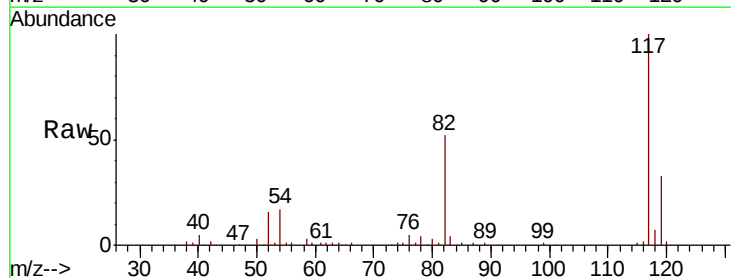
Instrument :
 MSVOA_N
 ClientSampled :
 SPDES-1

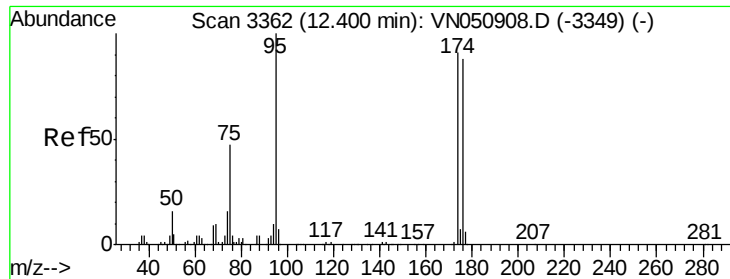
Tot Ion:114 Resp: 434520
 Ion Ratio Lower Upper
 114 100
 63 19.1 15.6 23.4
 88 14.8 12.2 18.4



#57
 Chlorobenzene-d5
 Concen: 30.00 ug/l
 RT: 11.41 min Scan# 2997
 Delta R.T. 0.00 min
 Lab File: VN051178.D
 Acq: 14 Sep 2018 10:17

Tgt Ion:117 Resp: 345422
 Ion Ratio Lower Upper
 117 100
 82 52.1 42.6 64.0
 119 31.9 25.7 38.5

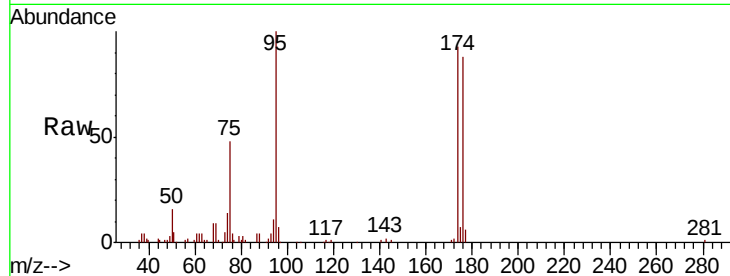




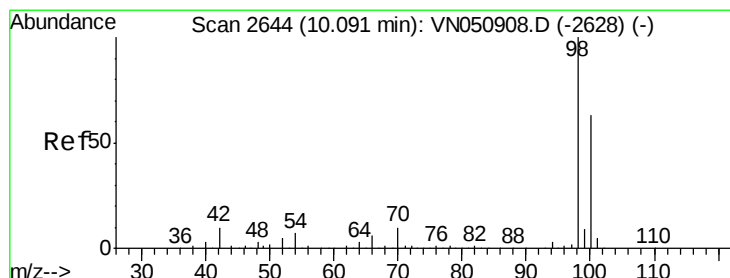
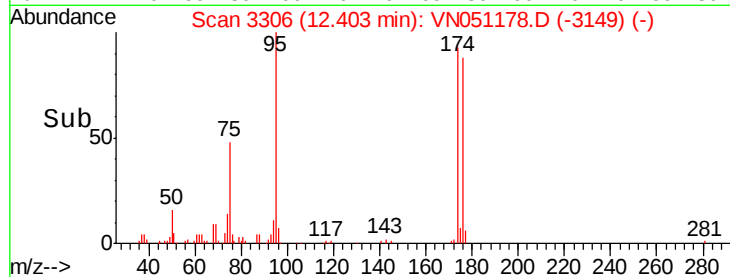
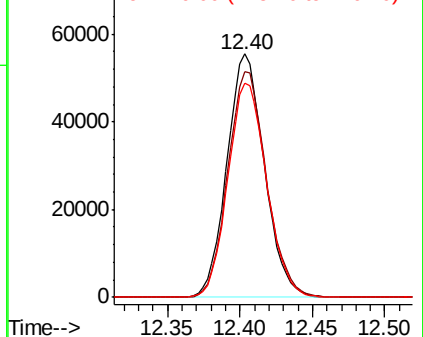
#60
4-Bromofluorobenzene
Concen: 19.34 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051178.D
Acq: 14 Sep 2018 10:17

Instrument :
MSVOA_N
ClientSampleId :
SPDES-1

Tot Ion: 95 Resp: 99331
Ion Ratio Lower Upper
95 100
174 95.5 74.6 112.0
176 90.8 71.5 107.3

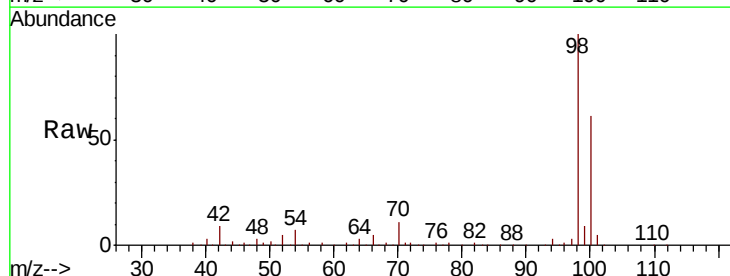


Abundance Ion 95.00 (94.70 to 95.70): VNC
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V



#63
Toluene-d8
Concen: 30.60 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051178.D
Acq: 14 Sep 2018 10:17

Tgt Ion: 98 Resp: 492904
Ion Ratio Lower Upper
98 100
100 62.6 50.6 75.8



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

