

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121018\
 Data File : VN052746.D
 Acq On : 10 Dec 2018 12:03
 Operator : MD\SY
 Sample : J6318-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 WEST-8TH-BOX-COVER-TEST-PIT

Quant Time: Dec 11 12:47:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N112618W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 27 00:48:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	157435	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	908083	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	765050	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	324137	30.22	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.73%
60) 4-Bromofluorobenzene	12.40	95	329217	28.15	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.83%
63) Toluene-d8	10.09	98	1052597	29.67	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.90%

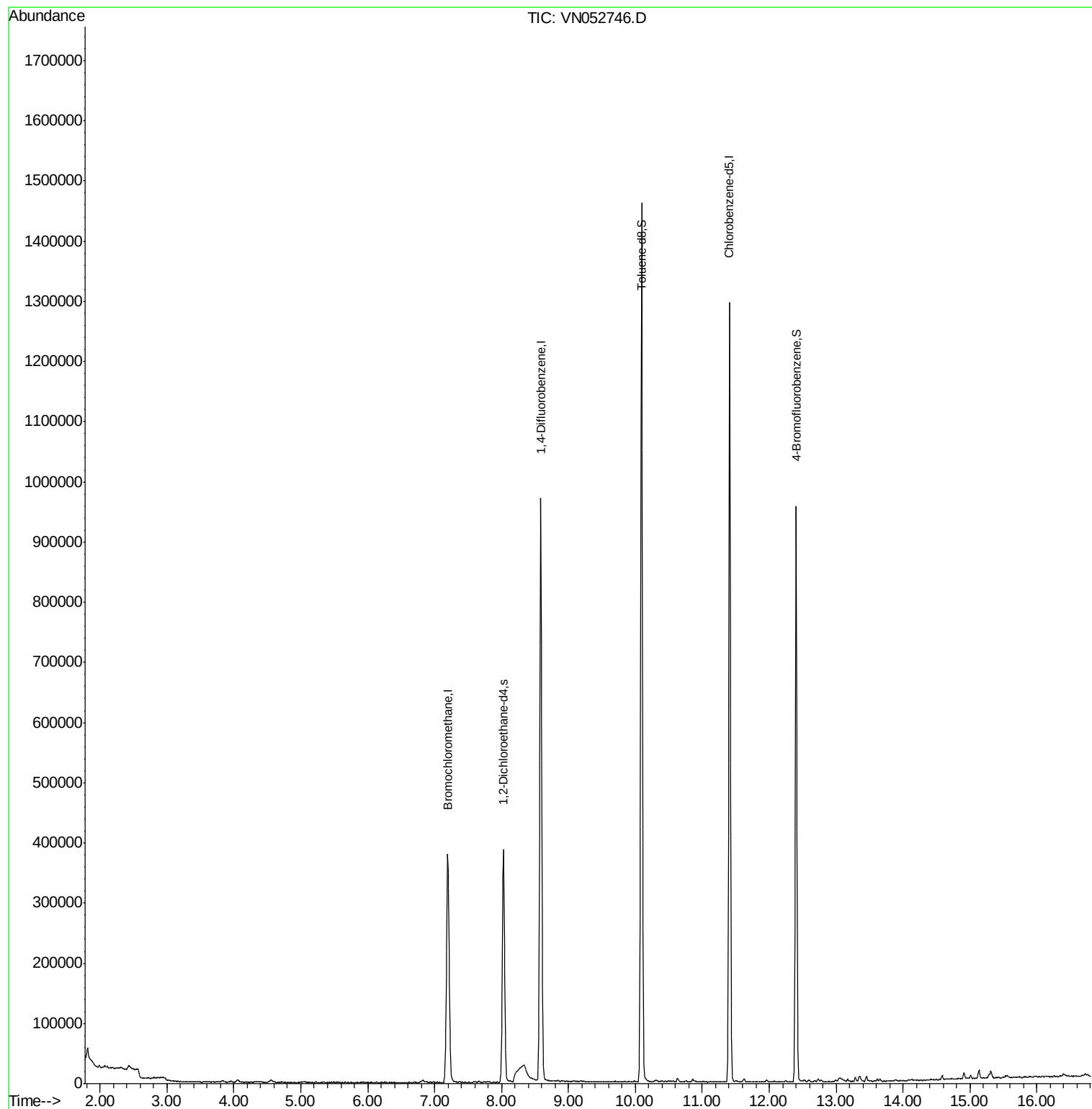
Target Compounds	Ovalue

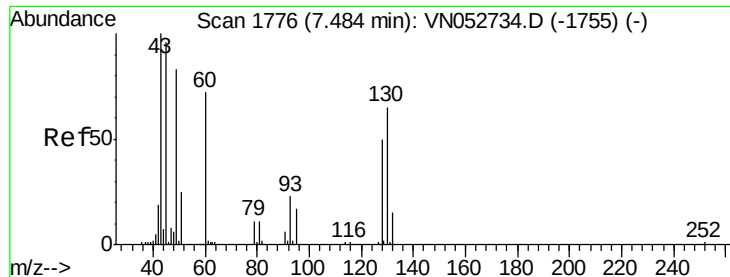
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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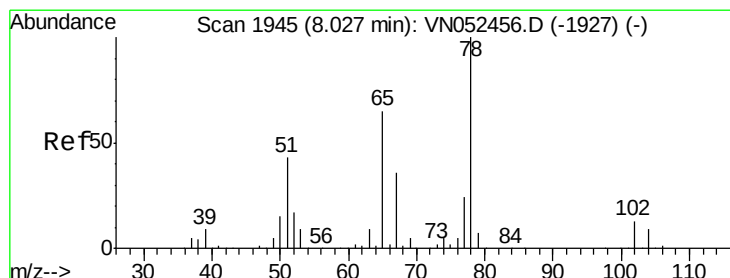
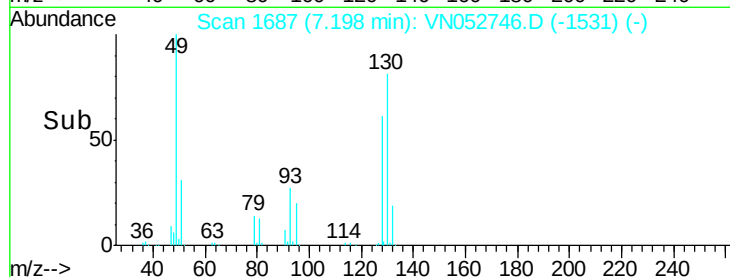
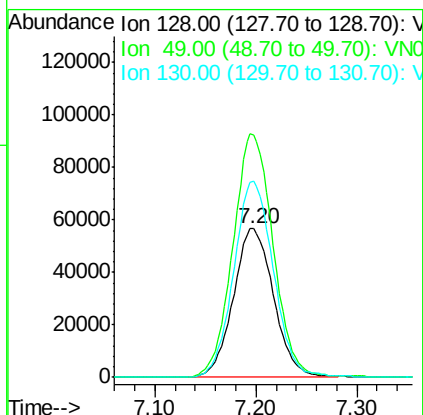
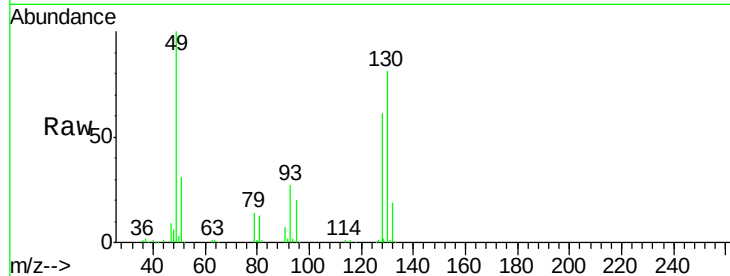




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: VN052746.D
 Acq: 10 Dec 2018 12:03

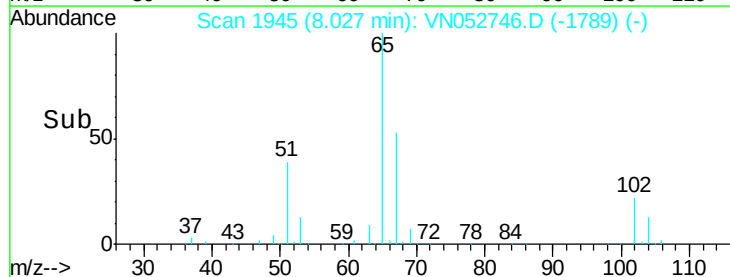
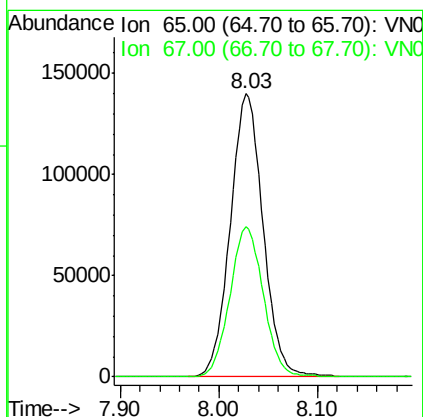
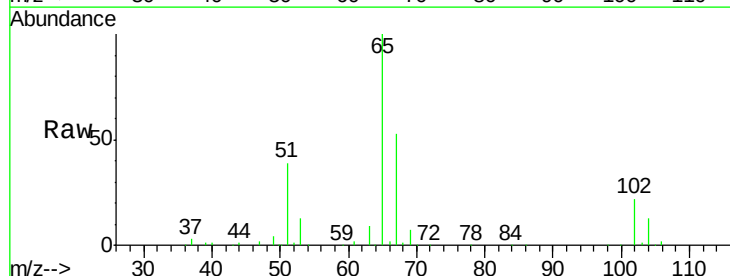
Instrument :
 MSVOA_N
 ClientSampleId :
 WEST-8TH-BOX-COVER-TEST-PIT

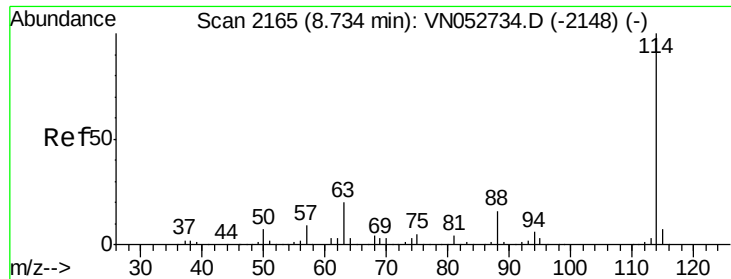
Tot Ion:128 Resp: 157435
 Ion Ratio Lower Upper
 128 100
 49 163.1 0.0 431.8
 130 129.6 0.0 317.0



#27
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052746.D
 Acq: 10 Dec 2018 12:03

Tgt Ion: 65 Resp: 324137
 Ion Ratio Lower Upper
 65 100
 67 54.1 44.6 66.8

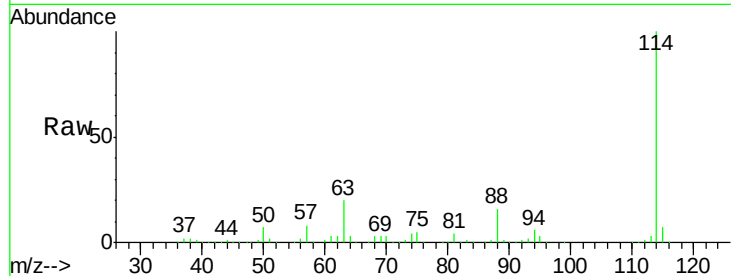




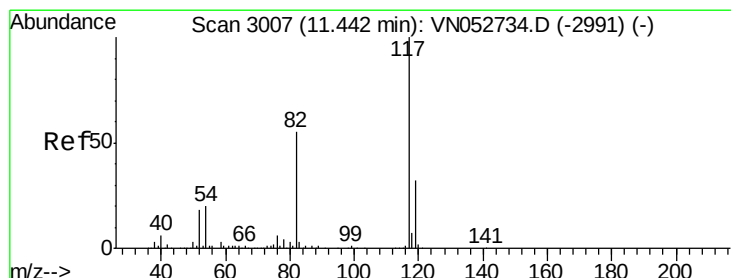
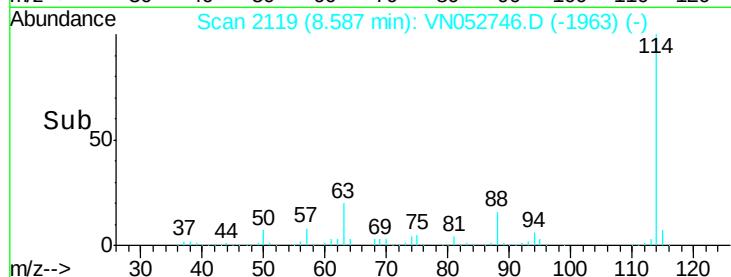
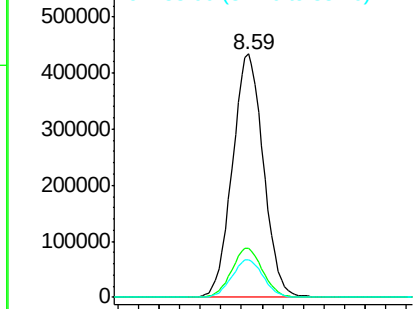
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052746.D
 Acq: 10 Dec 2018 12:03

Instrument :
 MSVOA_N
 ClientSampleId :
 WEST-8TH-BOX-COVER-TEST-PIT

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.1	16.9	25.3
88	15.6	12.8	19.2

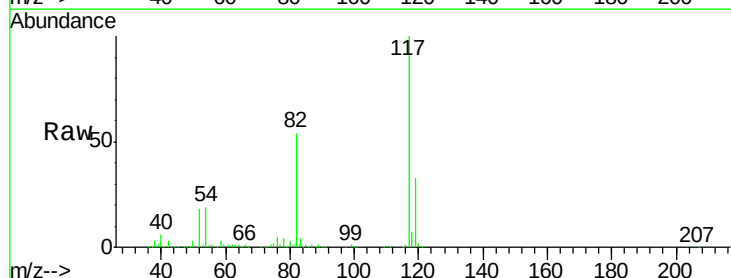


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 88.00 (87.70 to 88.70): V

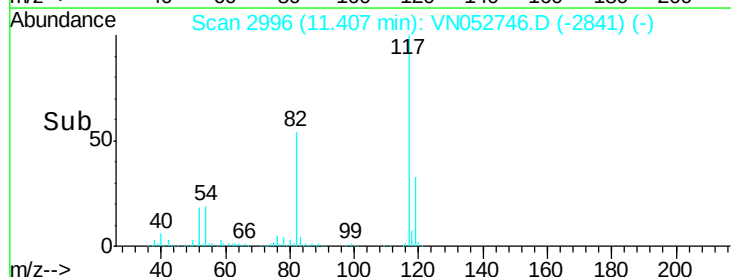
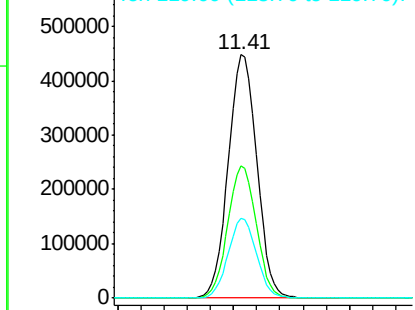


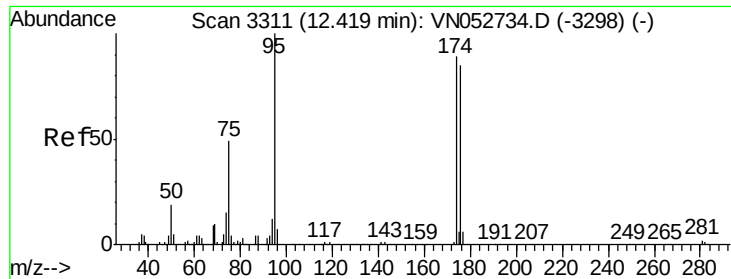
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: VN052746.D
 Acq: 10 Dec 2018 12:03

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.1	44.2	66.2
119	32.5	25.4	38.2



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





#60

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052746.D

Acq: 10 Dec 2018 12:03

Instrument :

MSVOA_N

ClientSampleId :

WEST-8TH-BOX-COVER-TEST-PIT

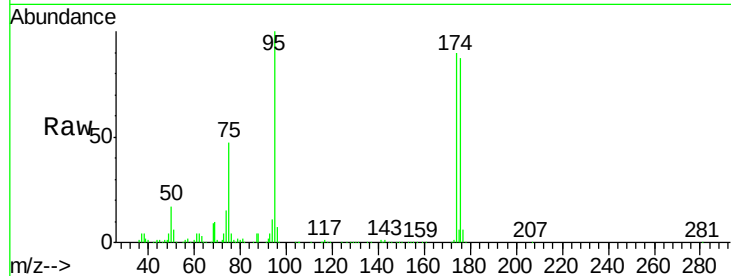
Tot Ion: 95 Resp: 329217

Ion Ratio Lower Upper

95 100

174 88.5 67.9 101.9

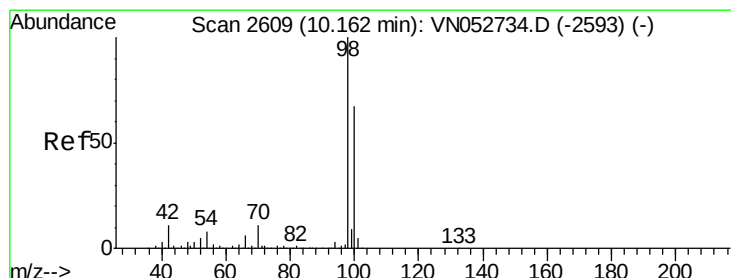
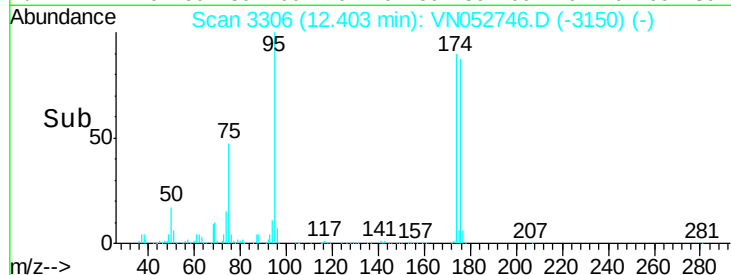
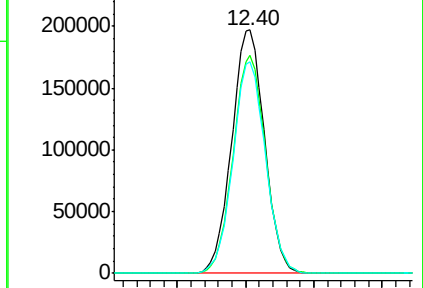
176 86.0 66.4 99.6



Abundance Ion 95.00 (94.70 to 95.70): VN052734.D (-3298) (-)

Ion 174.00 (173.70 to 174.70): VN052734.D (-3298) (-)

Ion 176.00 (175.70 to 176.70): VN052734.D (-3298) (-)



#63

Toluene-d8

Concen: Below ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052746.D

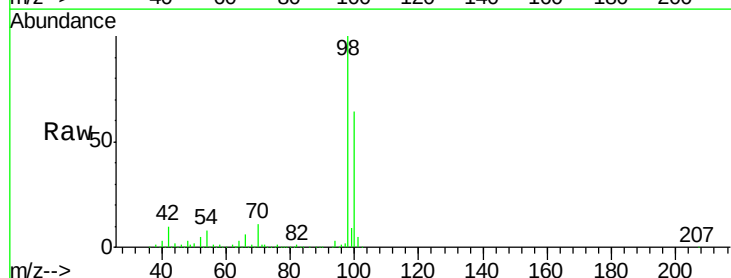
Acq: 10 Dec 2018 12:03

Tgt Ion: 98 Resp: 1052597

Ion Ratio Lower Upper

98 100

100 64.2 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN052734.D (-2593) (-)

Ion 100.00 (99.70 to 100.70): VN052734.D (-2593) (-)

