

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN113018\
 Data File : VN052598.D
 Acq On : 30 Nov 2018 11:21
 Operator : MD\SY
 Sample : J6145-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SPDES-1

Quant Time: Nov 30 11:41:49 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	164212	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	930252	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	767604	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	335128	29.95	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.83%
60) 4-Bromofluorobenzene	12.40	95	307251	26.18	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	87.27%
63) Toluene-d8	10.09	98	1080399	30.35	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.17%

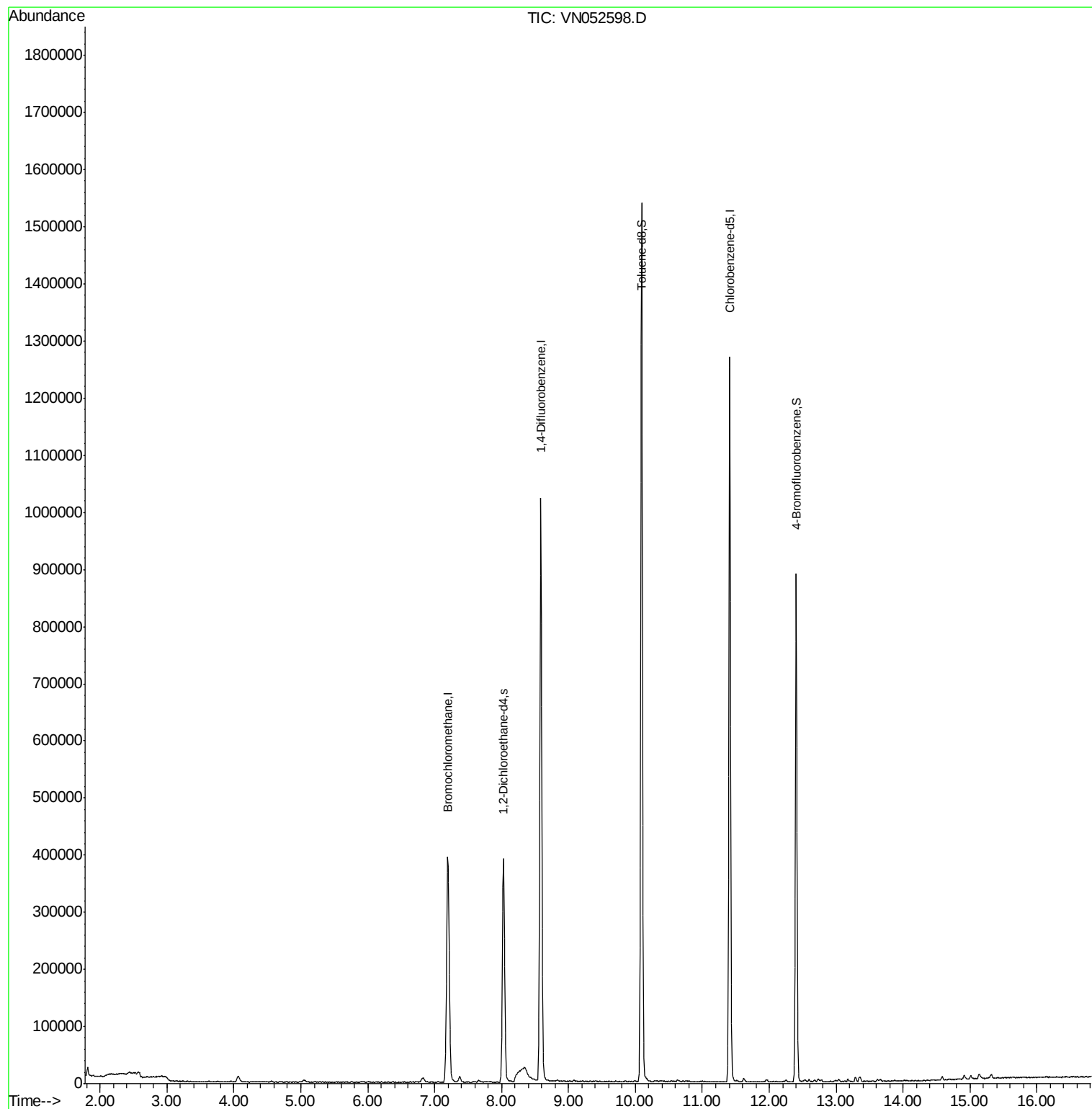
Target Compounds	Qvalue

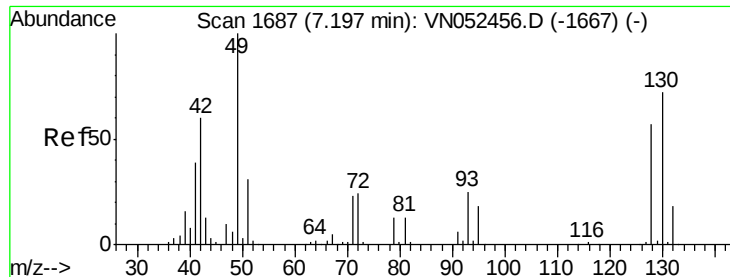
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN052598.D

Acq: 30 Nov 2018 11:21

Instrument :

MSVOA_N

ClientSampleId :

SPDES-1

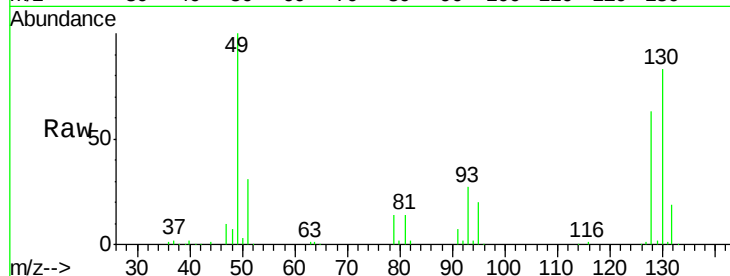
Tgt Ion:128 Resp: 164212

Ion Ratio Lower Upper

128 100

49 161.3 0.0 431.8

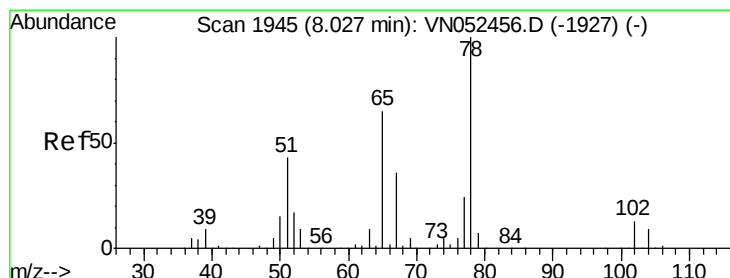
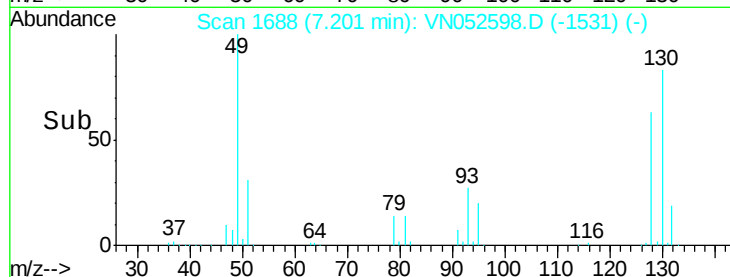
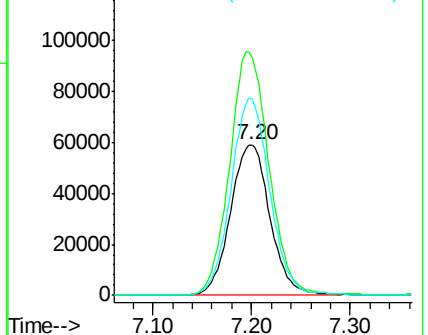
130 129.2 0.0 317.0



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: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052598.D

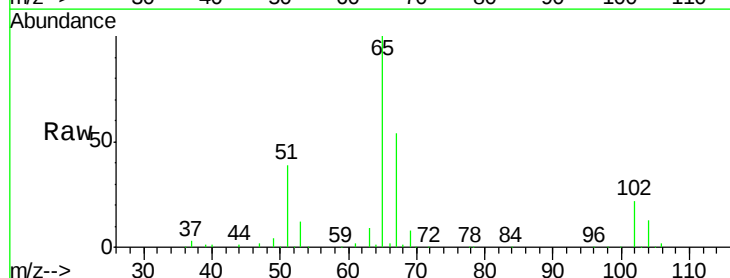
Acq: 30 Nov 2018 11:21

Tgt Ion: 65 Resp: 335128

Ion Ratio Lower Upper

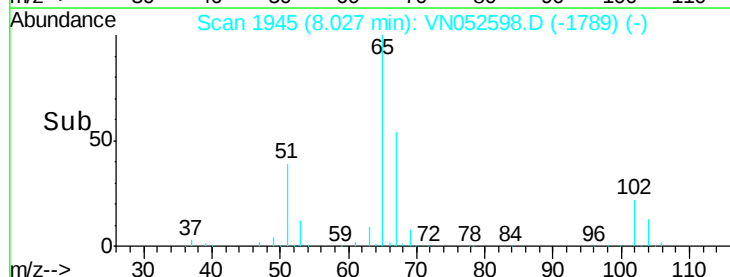
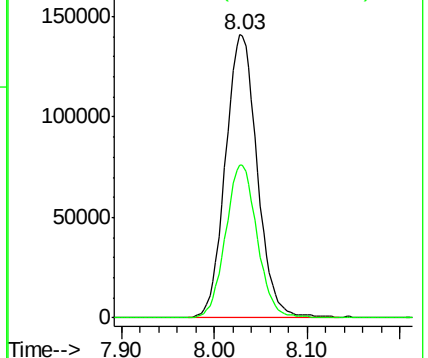
65 100

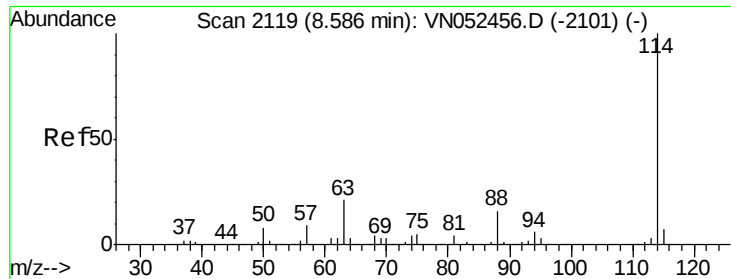
67 53.7 44.6 66.8



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

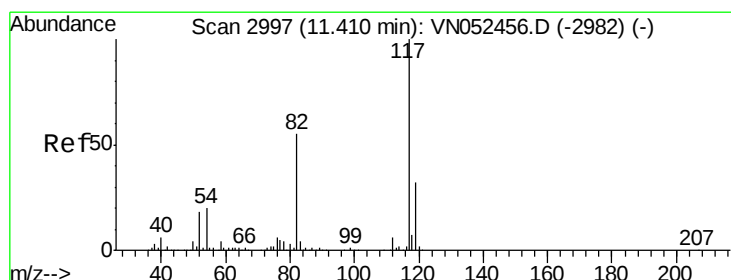
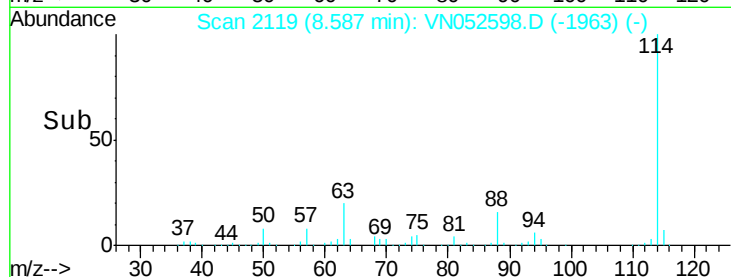
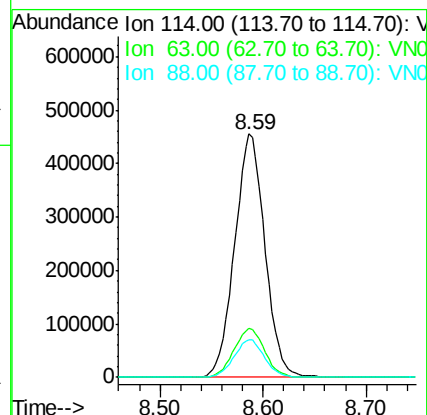
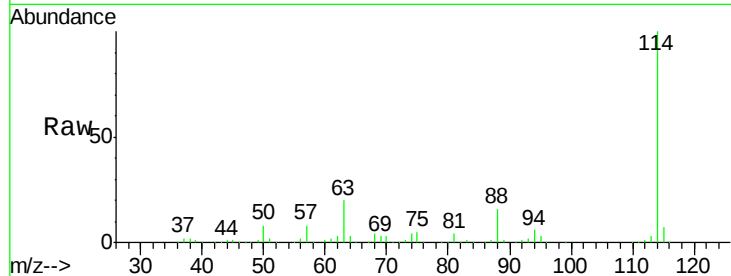




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052598.D
 Acq: 30 Nov 2018 11:21

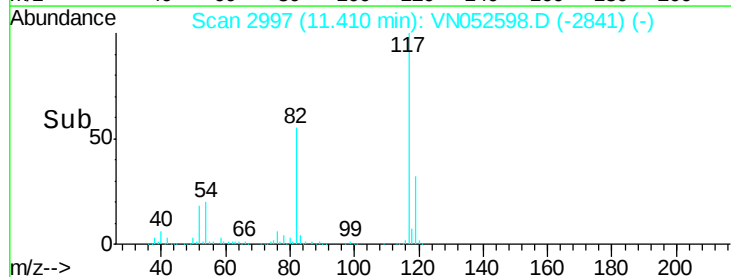
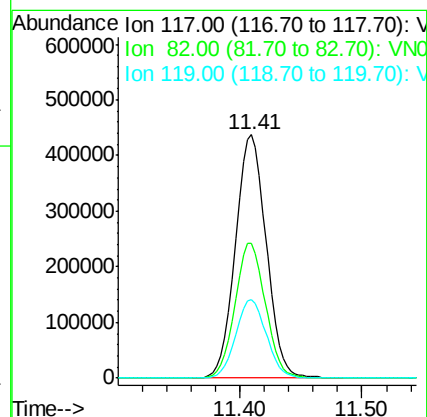
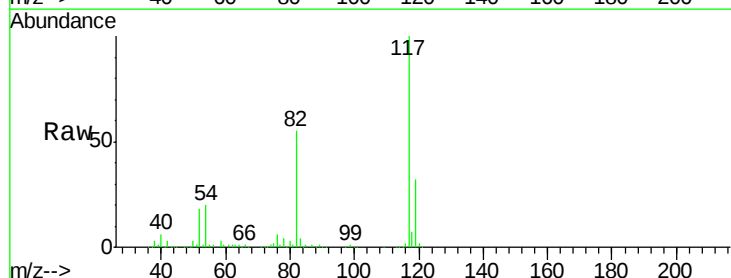
Instrument :
 MSVOA_N
 ClientSampleId :
 SPDES-1

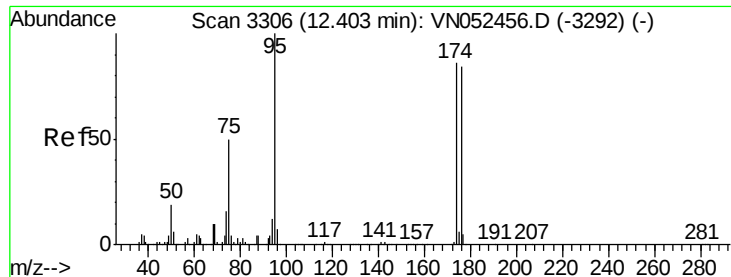
Tgt Ion:114 Resp: 930252
 Ion Ratio Lower Upper
 114 100
 63 20.3 16.9 25.3
 88 15.4 12.8 19.2



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2997
 Delta R.T. 0.00 min
 Lab File: VN052598.D
 Acq: 30 Nov 2018 11:21

Tgt Ion:117 Resp: 767604
 Ion Ratio Lower Upper
 117 100
 82 54.9 44.2 66.2
 119 32.1 25.4 38.2





#60

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052598.D

Acq: 30 Nov 2018 11:21

Instrument :

MSVOA_N

ClientSampleId :

SPDES-1

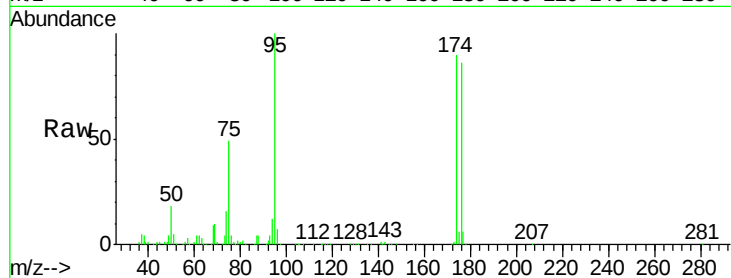
Tgt Ion: 95 Resp: 307251

Ion Ratio Lower Upper

95 100

174 87.9 67.9 101.9

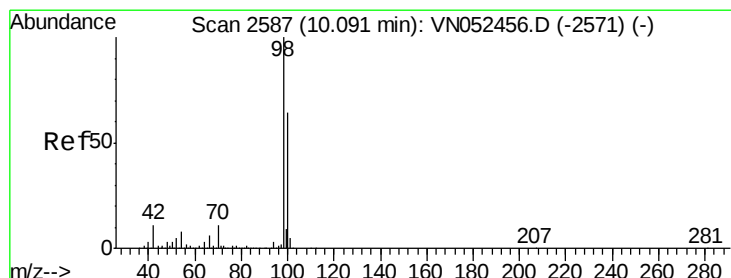
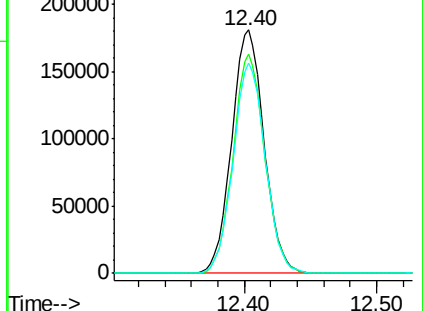
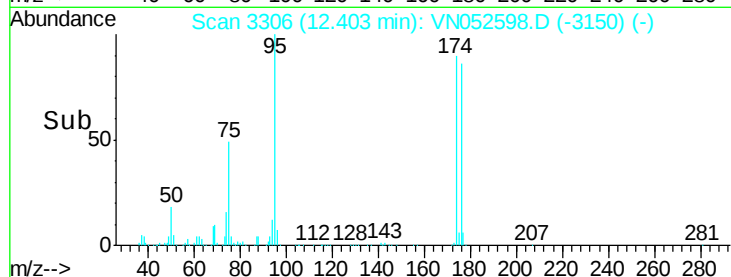
176 85.6 66.4 99.6



Abundance Ion 95.00 (94.70 to 95.70): VN052598.D (-3150) (-)

Ion 174.00 (173.70 to 174.70): VN052598.D (-3150) (-)

Ion 176.00 (175.70 to 176.70): VN052598.D (-3150) (-)



#63

Toluene-d8

Concen: Below ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052598.D

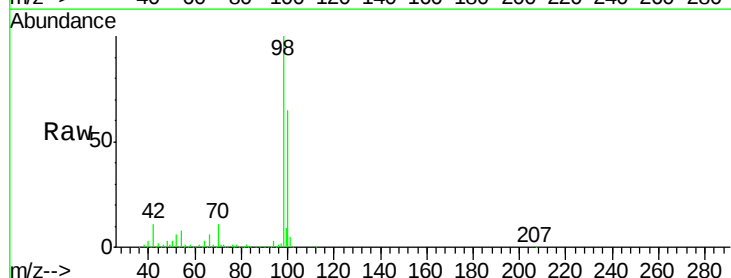
Acq: 30 Nov 2018 11:21

Tgt Ion: 98 Resp: 1080399

Ion Ratio Lower Upper

98 100

100 64.2 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN052598.D (-2431) (-)

Ion 100.00 (99.70 to 100.70): VN052598.D (-2431) (-)

