

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102518\
 Data File : VN052013.D
 Acq On : 25 Oct 2018 16:30
 Operator : MD\SY
 Sample : VN1025WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1025WBL02

Quant Time: Oct 26 02:21:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101218W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 12 10:23:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	166567	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	920044	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	796350	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	291909	28.80	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.00%
60) 4-Bromofluorobenzene	12.40	95	303283	26.41	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	88.03%
63) Toluene-d8	10.09	98	1029579	29.77	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.23%

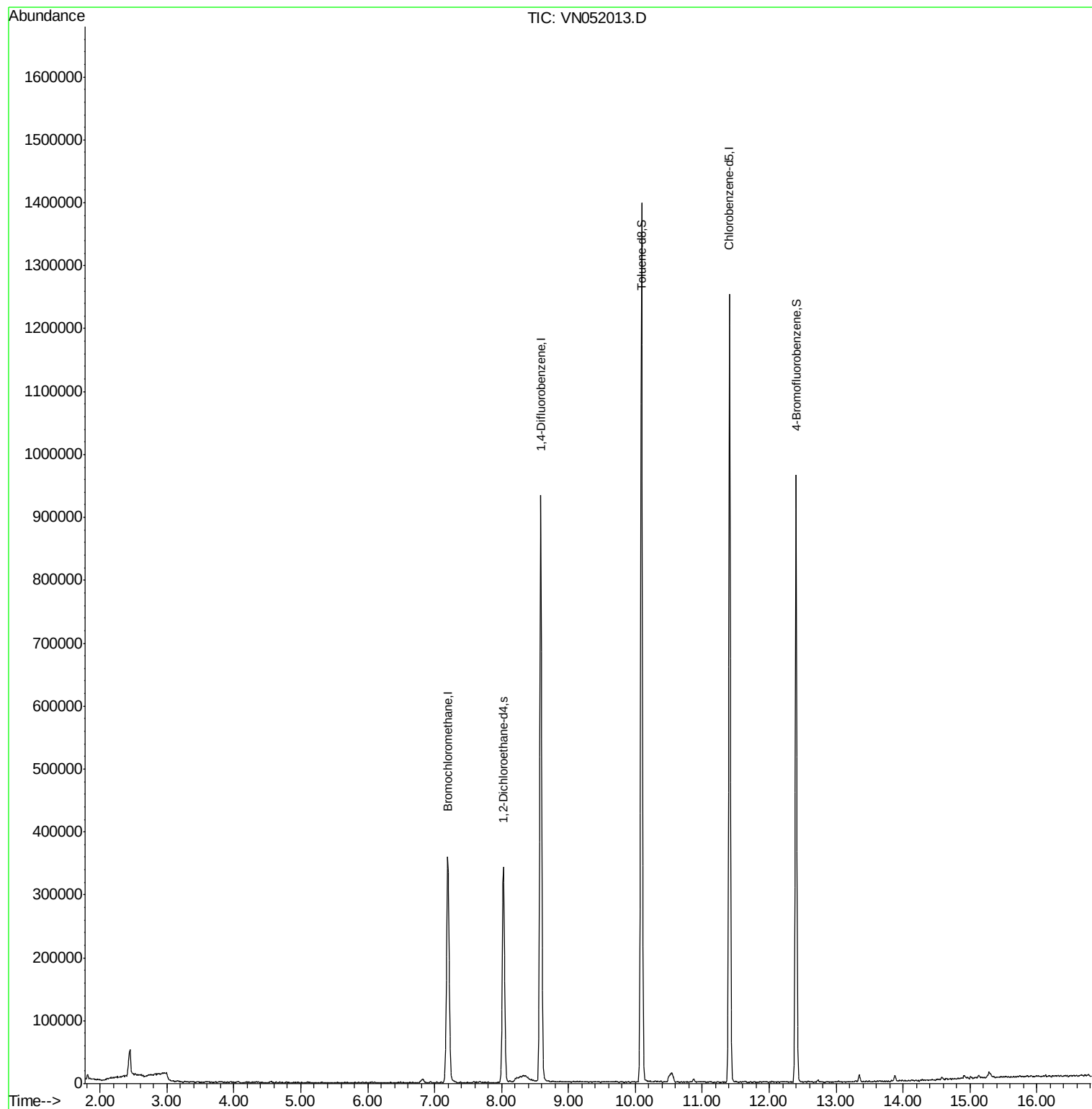
Target Compounds	Ovalue

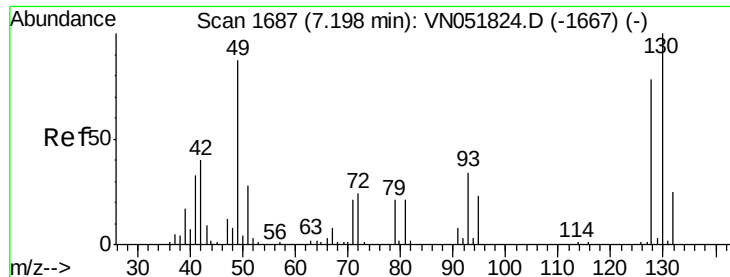
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 12 10:23:44 2018
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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: VN052013.D

Acq: 25 Oct 2018 16:30

Instrument :

MSVOA_N

ClientSampled :

VN1025WBL02

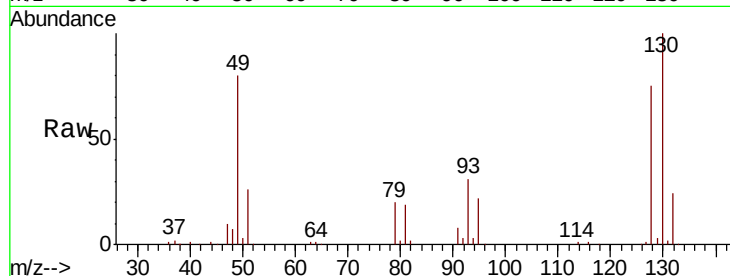
Tot Ion:128 Resp: 166567

Ion Ratio Lower Upper

128 100

49 102.9 0.0 403.3

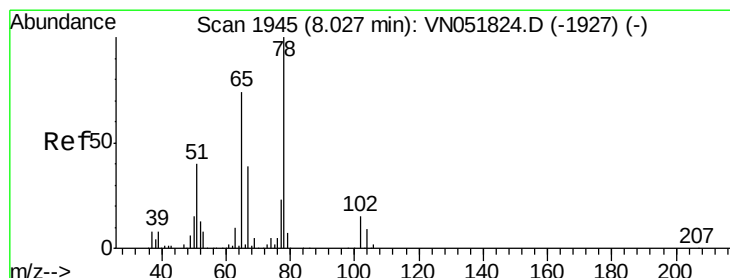
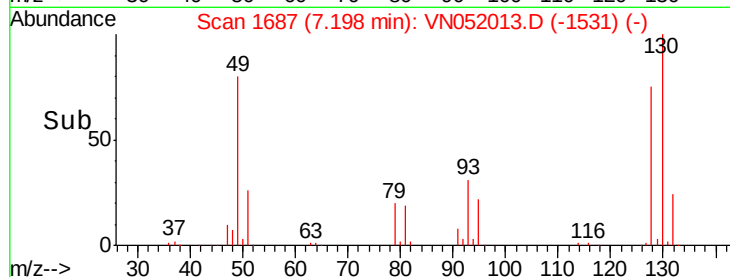
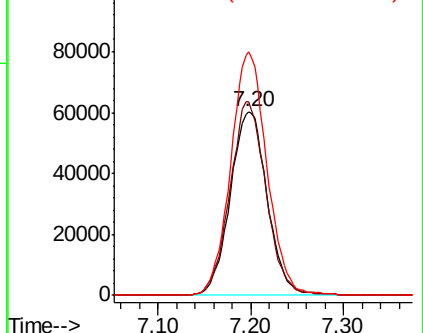
130 129.6 0.0 326.0



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: VN052013.D

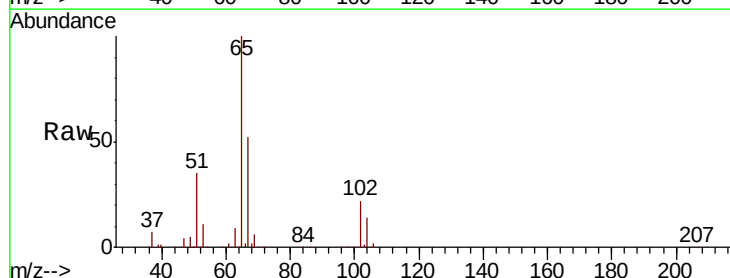
Acq: 25 Oct 2018 16:30

Tgt Ion: 65 Resp: 291909

Ion Ratio Lower Upper

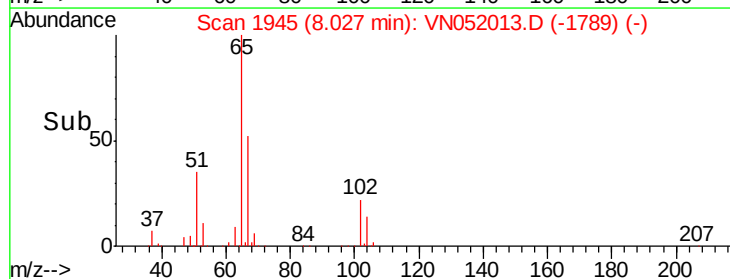
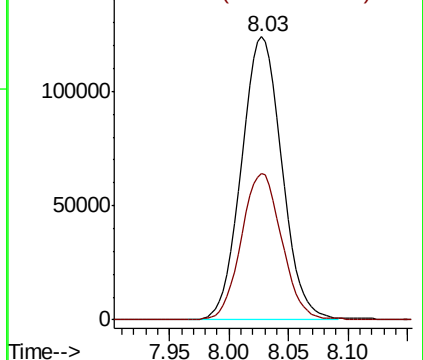
65 100

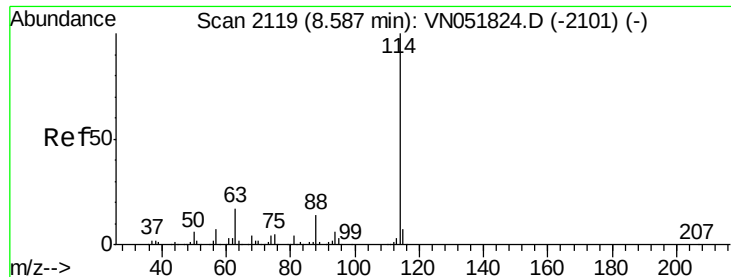
67 51.5 41.8 62.8



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

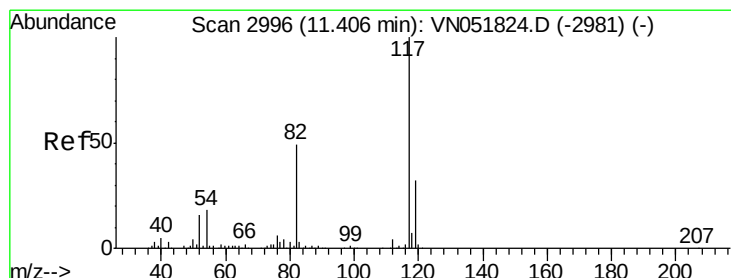
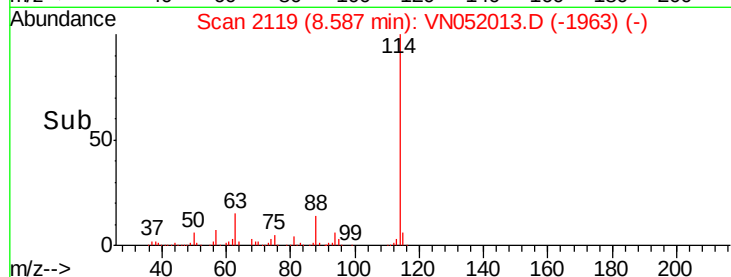
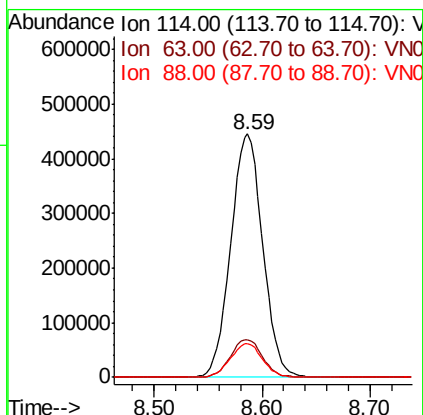
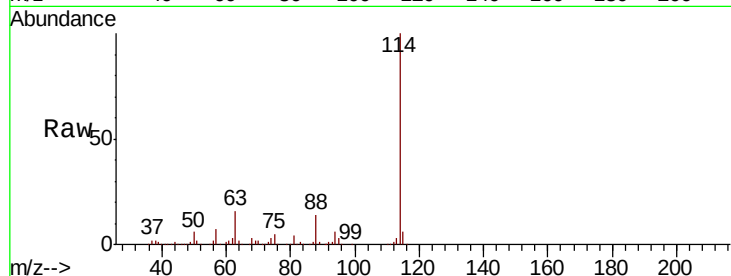




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052013.D
 Acq: 25 Oct 2018 16:30

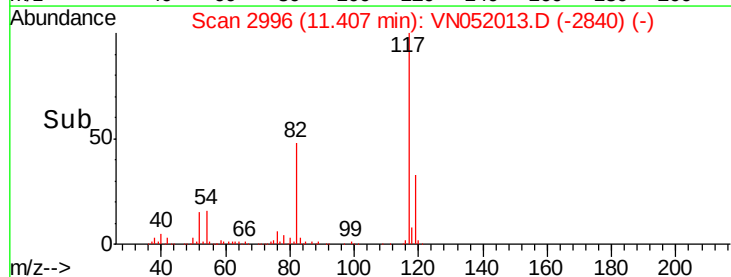
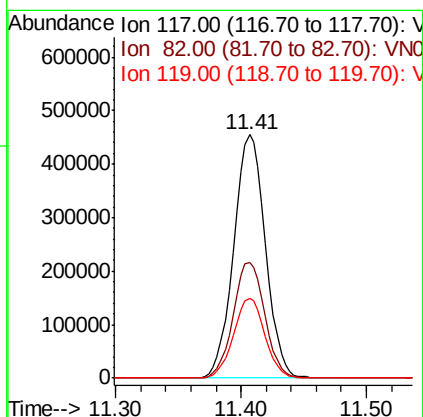
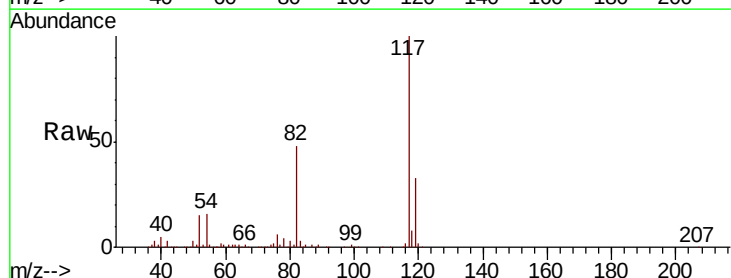
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1025WBL02

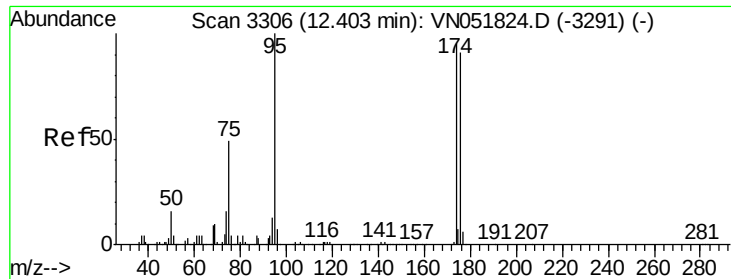
Tot Ion:114 Resp: 920044
 Ion Ratio Lower Upper
 114 100
 63 15.7 16.2 24.2#
 88 14.0 12.2 18.4



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN052013.D
 Acq: 25 Oct 2018 16:30

Tgt Ion:117 Resp: 796350
 Ion Ratio Lower Upper
 117 100
 82 47.6 44.1 66.1
 119 32.5 25.8 38.8





#60

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052013.D

Acq: 25 Oct 2018 16:30

Instrument :

MSVOA_N

ClientSampleId :

VN1025WBL02

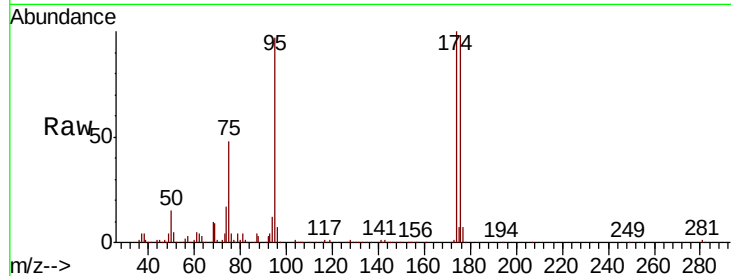
Tot Ion: 95 Resp: 303283

Ion Ratio Lower Upper

95 100

174 102.5 73.5 110.3

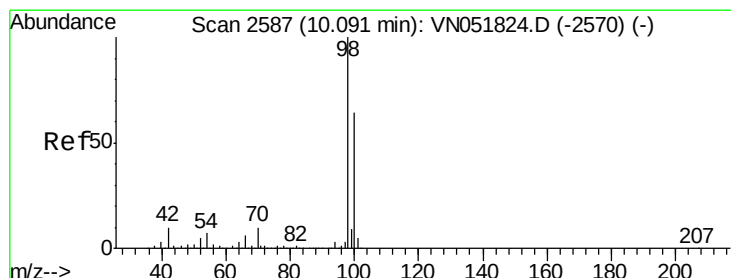
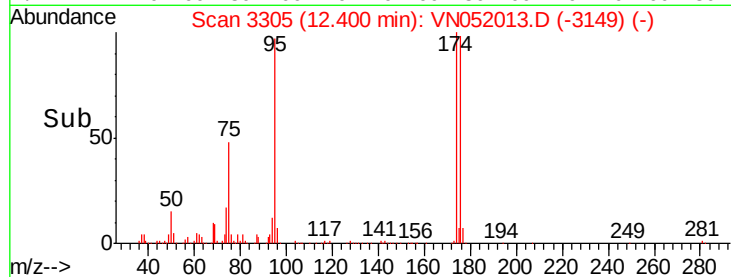
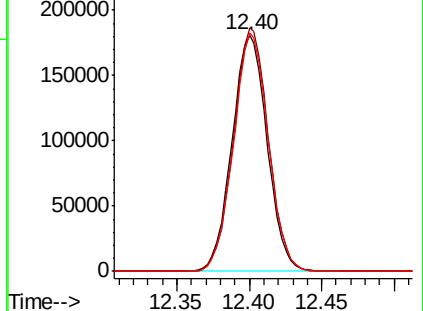
176 100.0 70.2 105.2



Abundance Ion 95.00 (94.70 to 95.70): VN051824.D (-3291) (-)

Ion 174.00 (173.70 to 174.70): VN051824.D (-3291) (-)

Ion 176.00 (175.70 to 176.70): VN051824.D (-3291) (-)



#63

Toluene-d8

Concen: Below ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052013.D

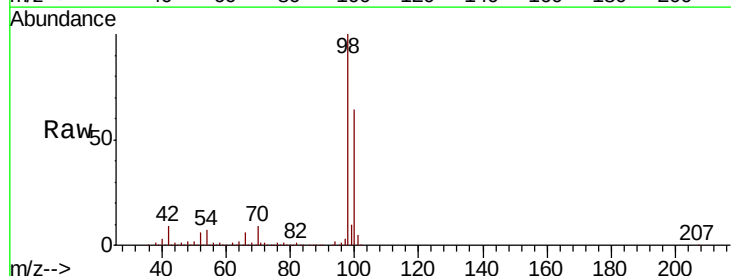
Acq: 25 Oct 2018 16:30

Tgt Ion: 98 Resp: 1029579

Ion Ratio Lower Upper

98 100

100 64.1 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VN051824.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN051824.D (-2570) (-)

