

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112618\
 Data File : VN052461.D
 Acq On : 26 Nov 2018 16:17
 Operator : MD\SY
 Sample : VN1126WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126WBL01

Quant Time: Nov 27 01:05:14 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	174206	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	1004909	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	825757	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	358395	30.19	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.63%
60) 4-Bromofluorobenzene	12.40	95	335800	26.60	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	88.67%
63) Toluene-d8	10.09	98	1185080	30.95	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.17%

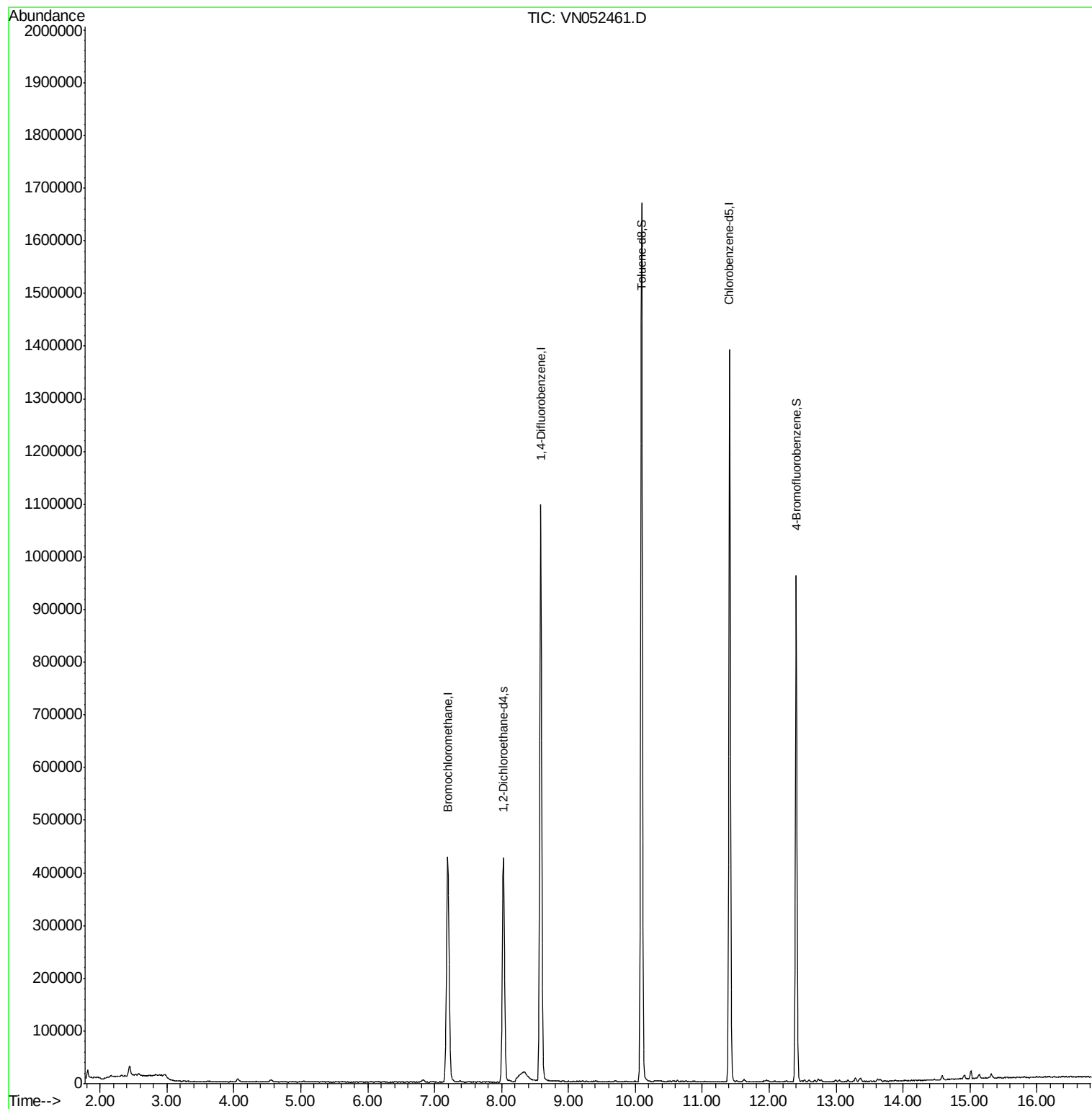
Target Compounds	Qvalue

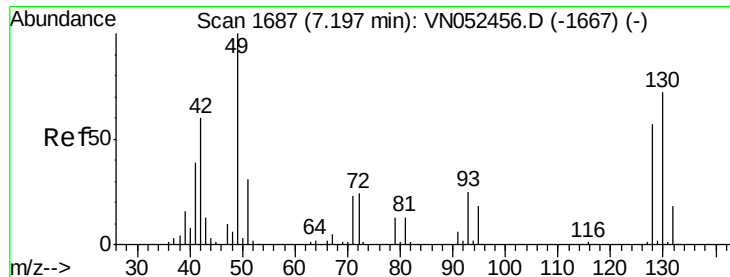
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN052461.D

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Instrument :

MSVOA_N

ClientSampleId :

VN1126WBL01

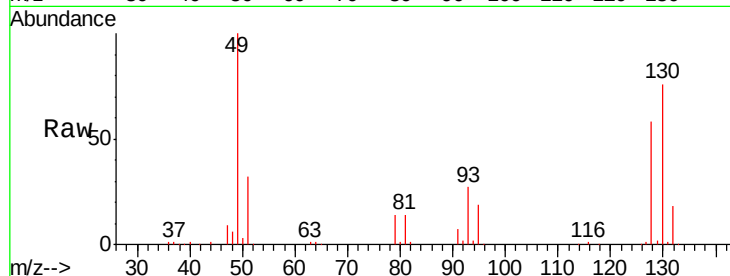
Tgt Ion:128 Resp: 174206

Ion Ratio Lower Upper

128 100

49 168.3 0.0 431.8

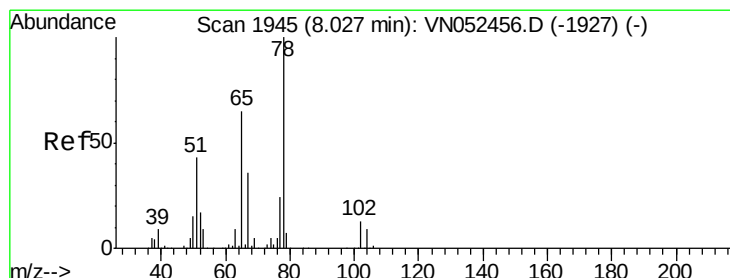
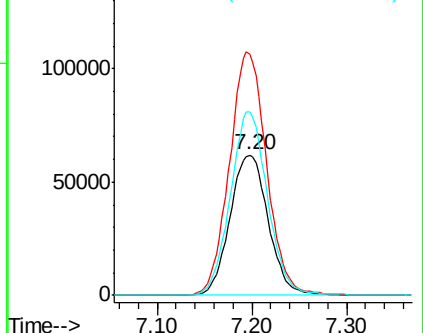
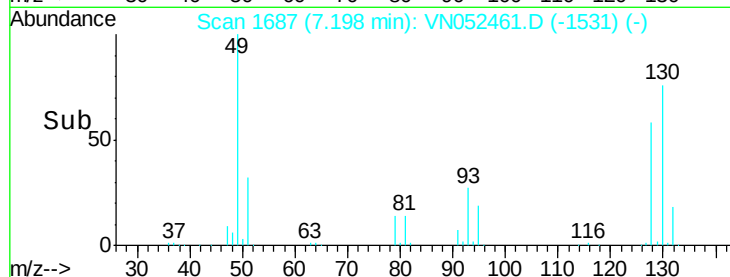
130 127.6 0.0 317.0



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: VN052461.D

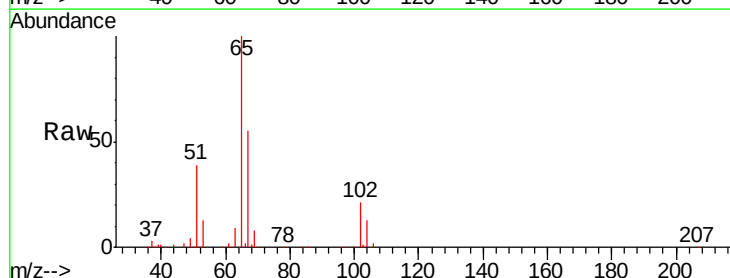
Acq: 26 Nov 2018 16:17

Tgt Ion: 65 Resp: 358395

Ion Ratio Lower Upper

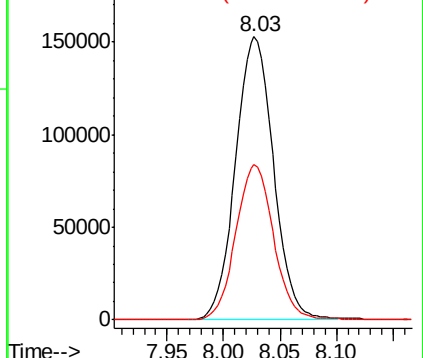
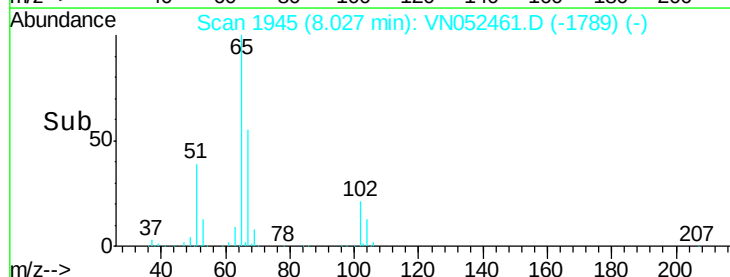
65 100

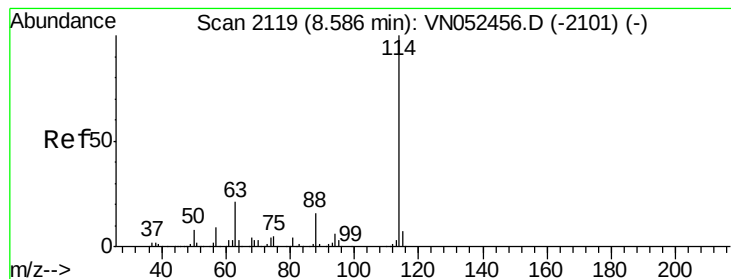
67 54.5 44.6 66.8



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0





#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN052461.D

Acq: 26 Nov 2018 16:17

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBL01

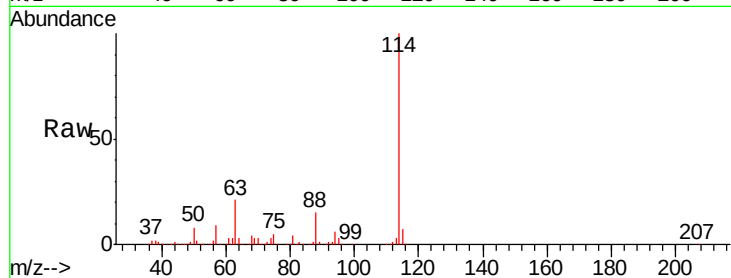
Tgt Ion:114 Resp: 1004909

Ion Ratio Lower Upper

114 100

63 20.5 16.9 25.3

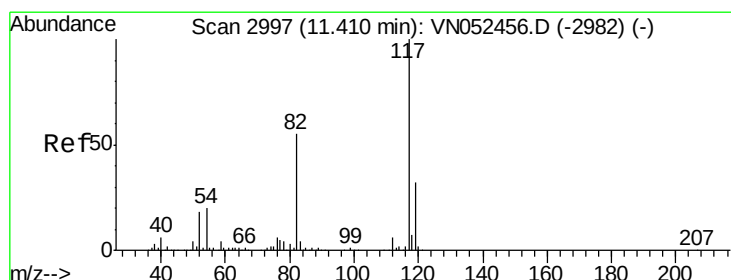
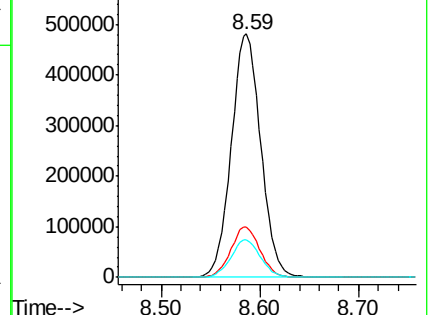
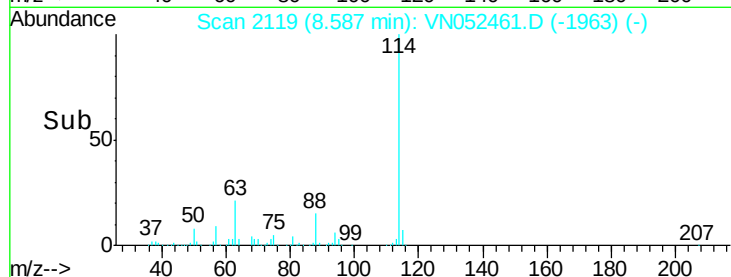
88 15.4 12.8 19.2



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 88.00 (87.70 to 88.70): VN0



#57

Chlorobenzene-d5

Concen: 30.00 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN052461.D

Acq: 26 Nov 2018 16:17

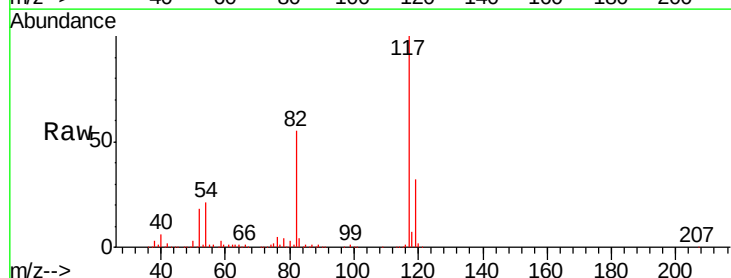
Tgt Ion:117 Resp: 825757

Ion Ratio Lower Upper

117 100

82 54.9 44.2 66.2

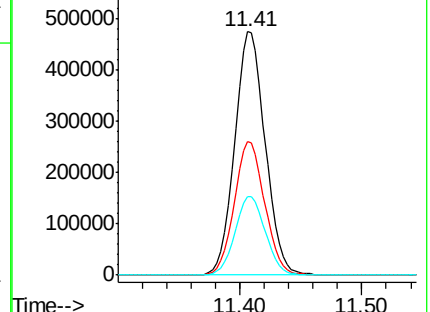
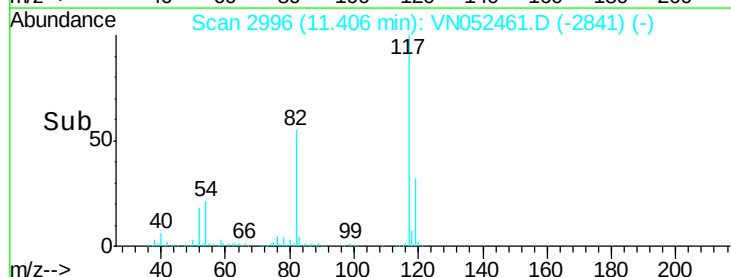
119 32.5 25.4 38.2

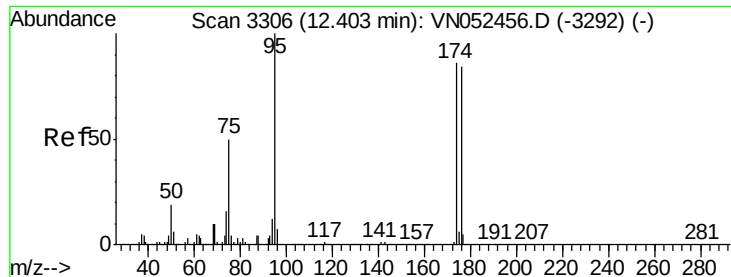


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VN0

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: VN052461.D

Acq: 26 Nov 2018 16:17

Instrument :

MSVOA_N

ClientSampled :

VN1126WBL01

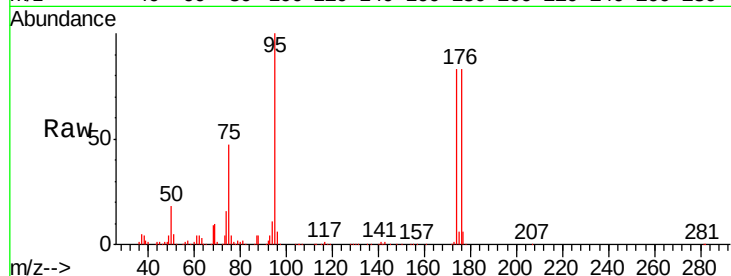
Tgt Ion: 95 Resp: 335800

Ion Ratio Lower Upper

95 100

174 83.5 67.9 101.9

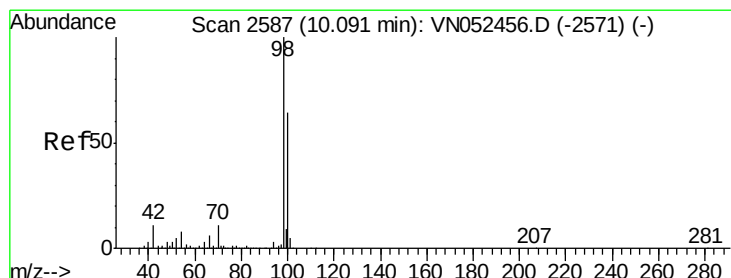
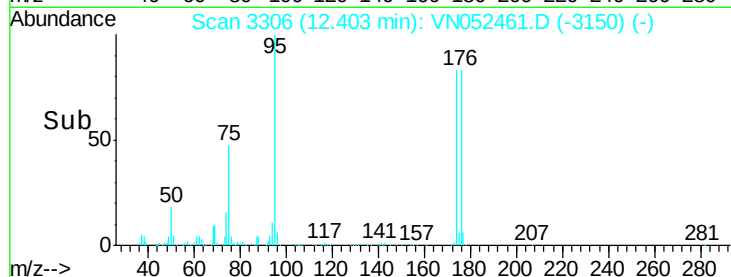
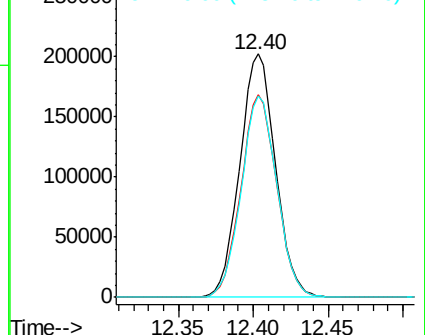
176 82.7 66.4 99.6



Abundance Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): VN

Ion 176.00 (175.70 to 176.70): VN



#63

Toluene-d8

Concen: Below ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052461.D

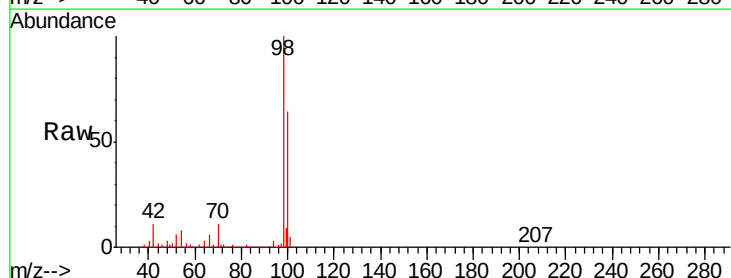
Acq: 26 Nov 2018 16:17

Tgt Ion: 98 Resp: 1185080

Ion Ratio Lower Upper

98 100

100 63.4 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

