

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091419\
 Data File : VN058008.D
 Acq On : 13 Sep 2019 11:18
 Operator : JC/SP
 Sample : K4823-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WGGM-19-WW-TSF-035

Quant Time: Sep 14 01:56:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N090919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Sep 09 12:14:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	70949	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	416880	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	353023	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.01	65	195372	31.13	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.77%
60) 4-Bromofluorobenzene	12.40	95	158741	26.28	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	87.60%
63) Toluene-d8	10.09	98	510850	30.15	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.50%

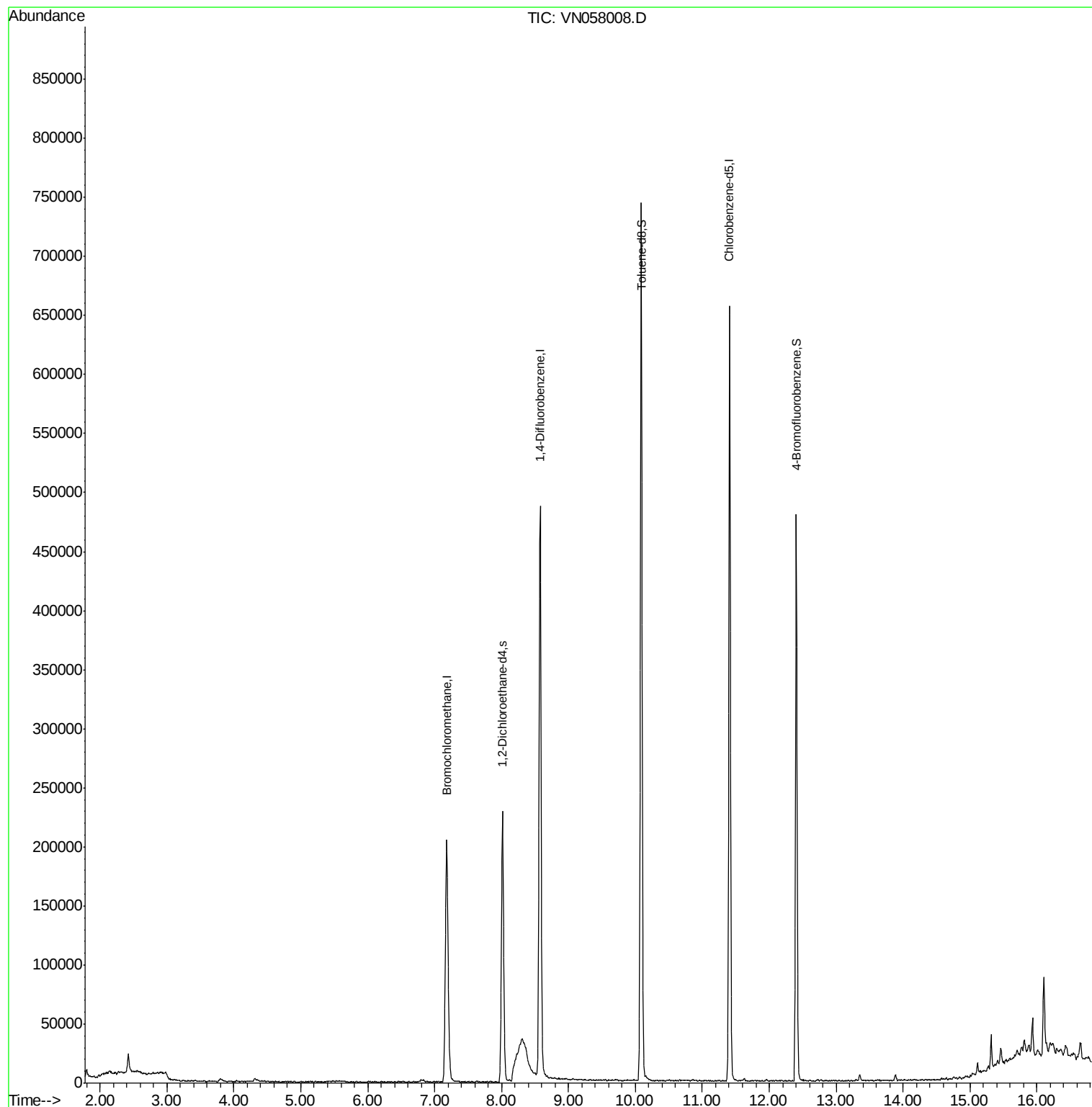
Target Compounds	Ovalue

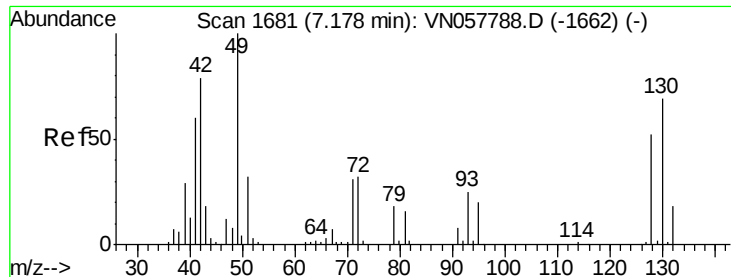
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VN058008.D

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Instrument :

MSVOA_N

ClientSampleId :

WGGM-19-WW-TSF-035

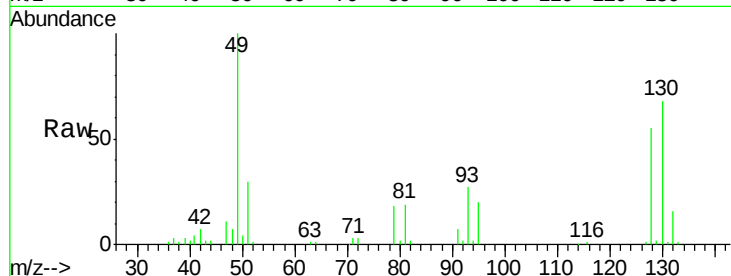
Tot Ion:128 Resp: 70949

Ion Ratio Lower Upper

128 100

49 185.8 0.0 486.5

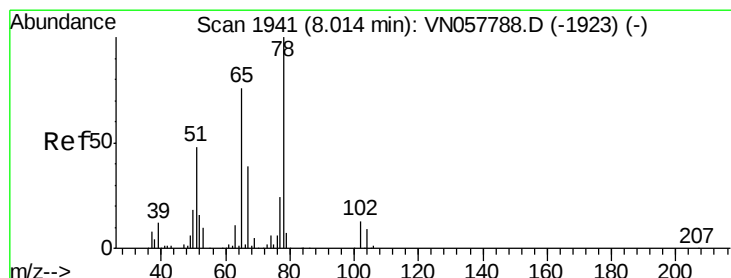
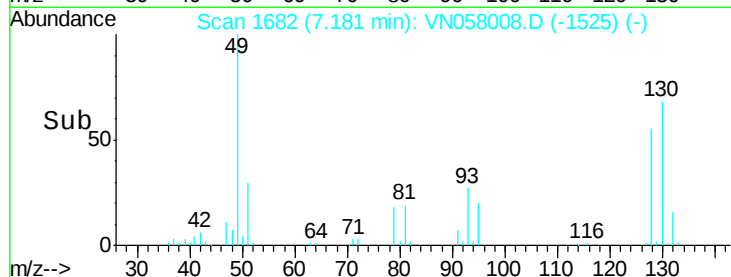
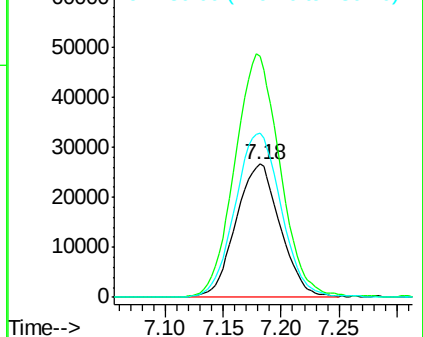
130 129.0 0.0 324.5



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: 31.131 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058008.D

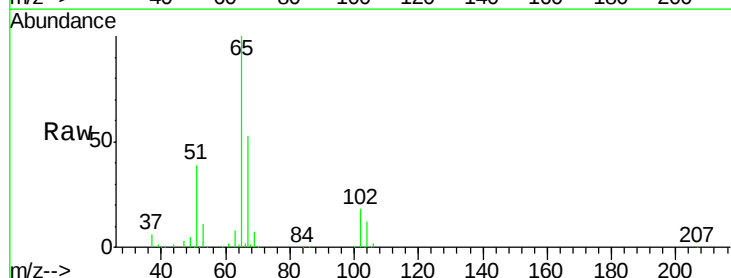
Acq: 13 Sep 2019 11:18

Tgt Ion: 65 Resp: 195372

Ion Ratio Lower Upper

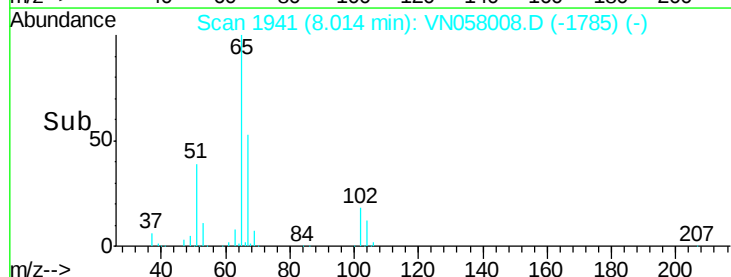
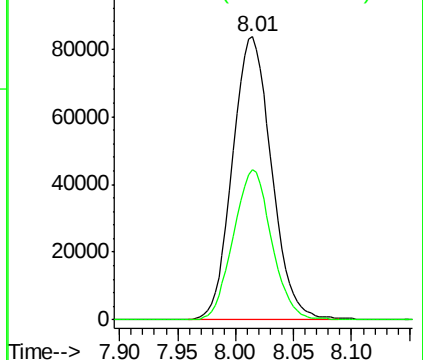
65 100

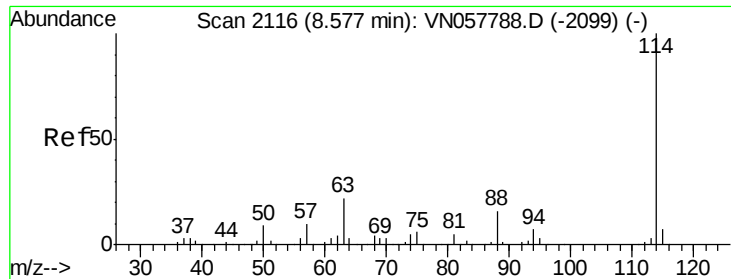
67 52.1 40.9 61.3



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

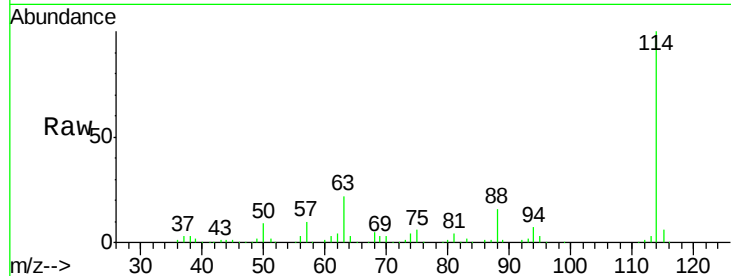




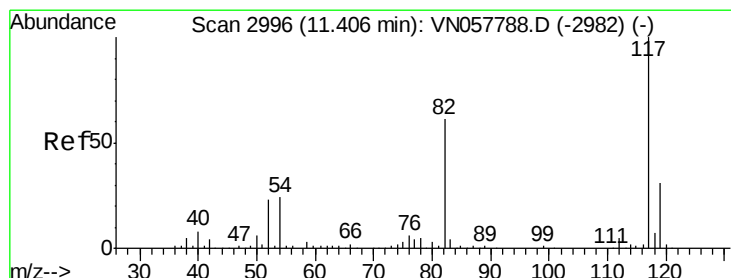
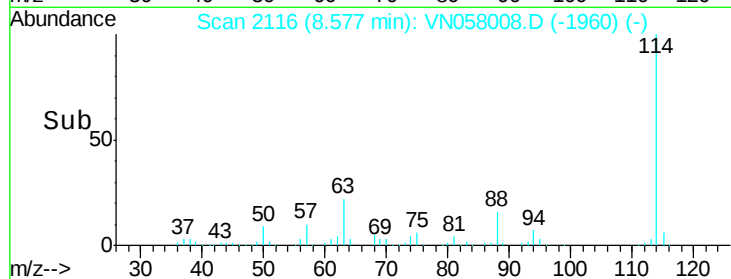
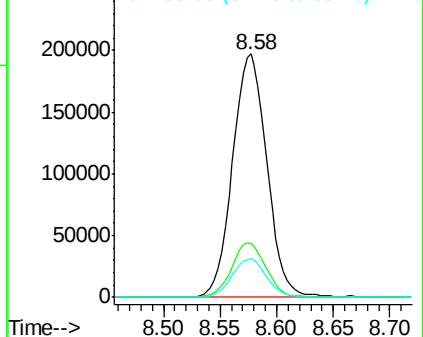
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN058008.D
 Acq: 13 Sep 2019 11:18

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 WGM-19-WW-TSF-035

Tot Ion:114 Resp: 416880
 Ion Ratio Lower Upper
 114 100
 63 22.4 18.0 27.0
 88 15.9 12.6 19.0

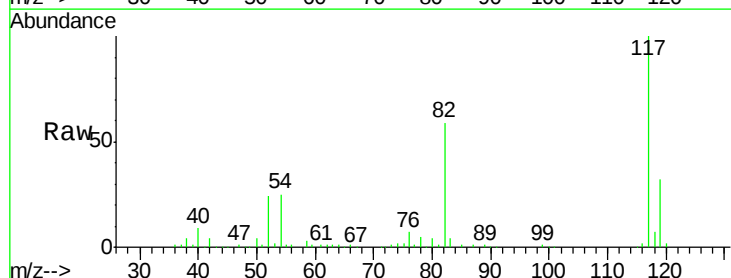


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 88.00 (87.70 to 88.70): V

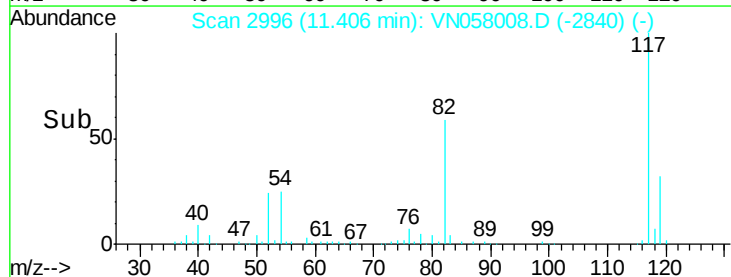
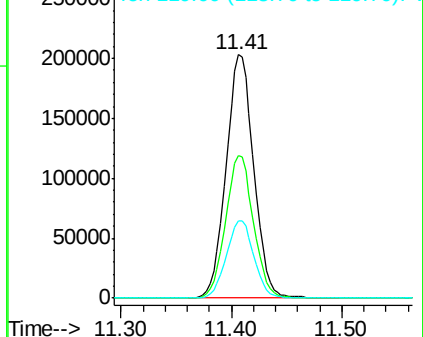


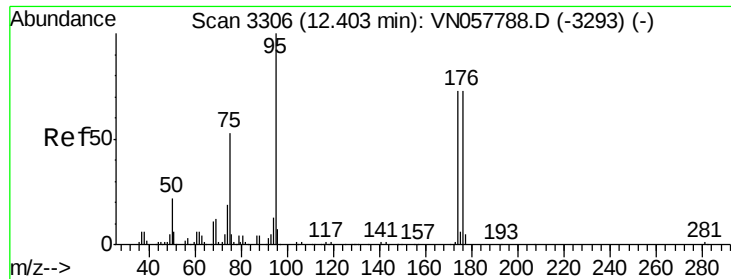
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN058008.D
 Acq: 13 Sep 2019 11:18

Tgt Ion:117 Resp: 353023
 Ion Ratio Lower Upper
 117 100
 82 59.1 47.6 71.4
 119 31.7 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

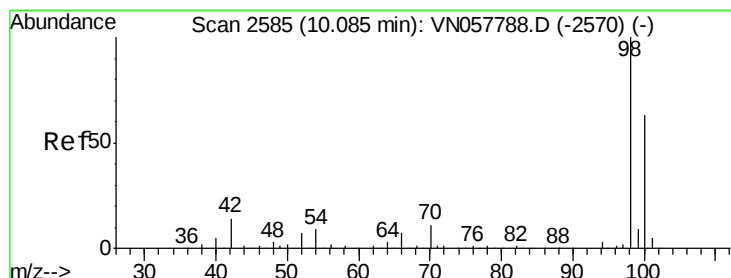
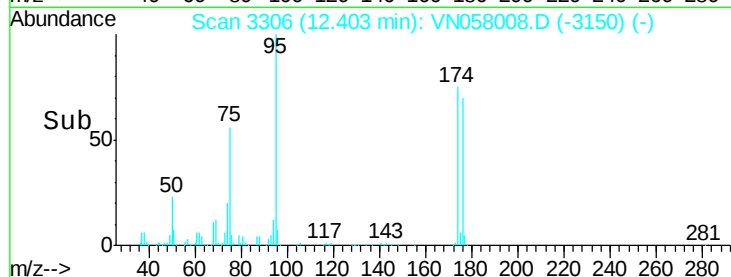
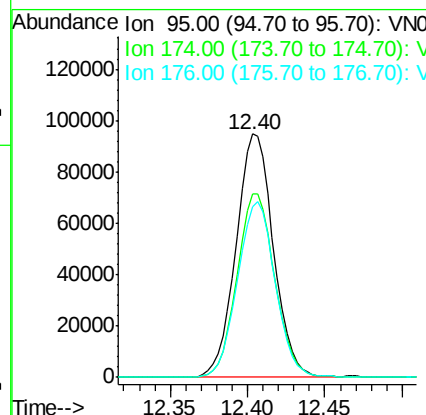
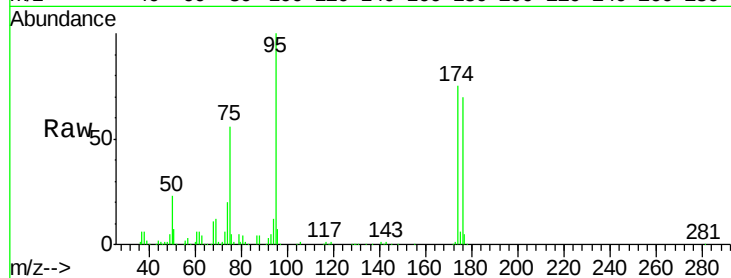




#60
4-Bromofluorobenzene
Concen: 26.278 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN058008.D
Acq: 13 Sep 2019 11:18

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Tot Ion: 95 Resp: 158741
Ion Ratio Lower Upper
95 100
174 76.4 59.4 89.0
176 73.0 57.4 86.0



#63
Toluene-d8
Concen: 30.149 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN058008.D
Acq: 13 Sep 2019 11:18

Tgt Ion: 98 Resp: 510850
Ion Ratio Lower Upper
98 100
100 63.5 50.3 75.5

