

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071620\
 Data File : VN062543.D
 Acq On : 16 Jul 2020 13:22
 Operator : JC/MD
 Sample : VN0716WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716WBL01

Quant Time: Jul 16 18:44:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Jul 14 00:52:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	38527	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	196500	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	176109	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.99	65	98206	29.67	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.90%
60) 4-Bromofluorobenzene	12.37	95	72001	24.02	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	80.07%
63) Toluene-d8	10.06	98	248547	29.87	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.57%

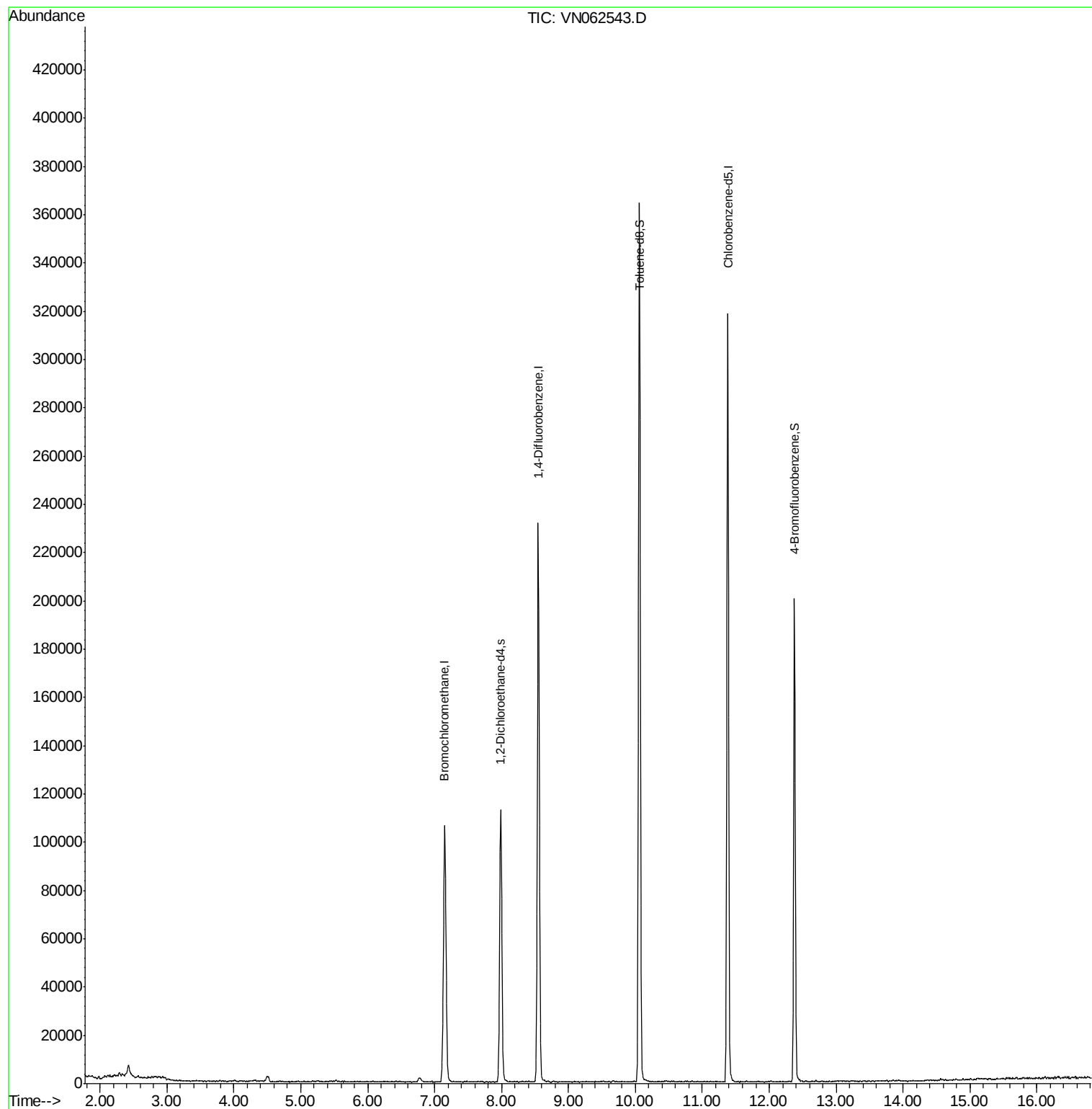
Target Compounds	Ovalue

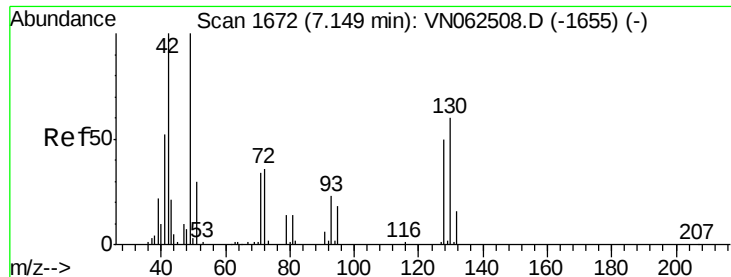
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN071620\
Data File : VN062543.D
Acq On : 16 Jul 2020 13:22
Operator : JC/MD
Sample : VN0716WBL01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0716WBL01

Quant Time: Jul 16 18:44:36 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA N\METHODS\624N071320W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Jul 14 00:52:57 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN062543.D

Acq: 16 Jul 2020 13:22

Instrument :

MSVOA_N

ClientSampleId :

VN0716WBL01

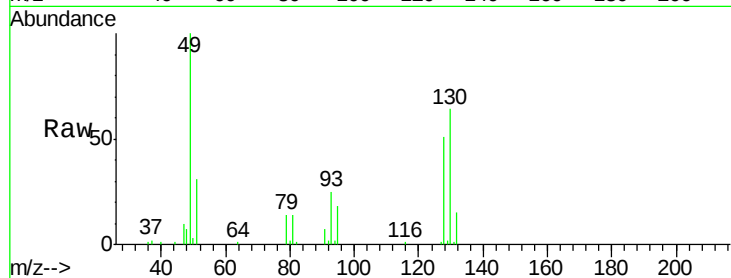
Tot Ion:128 Resp: 38527

Ion Ratio Lower Upper

128 100

49 201.3 0.0 525.0

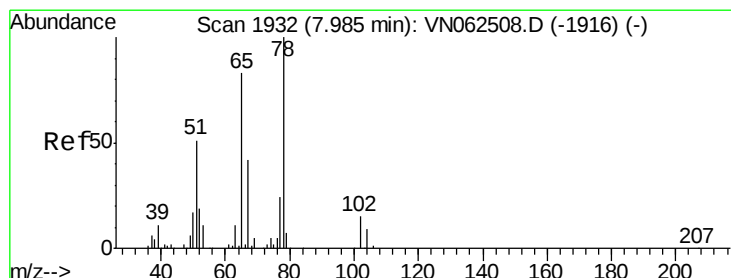
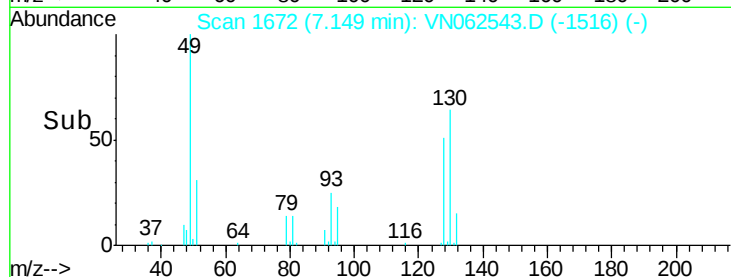
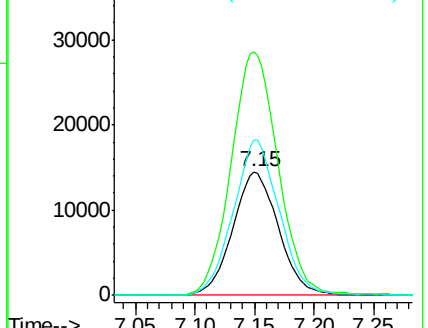
130 126.4 0.0 319.8



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: 29.672 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062543.D

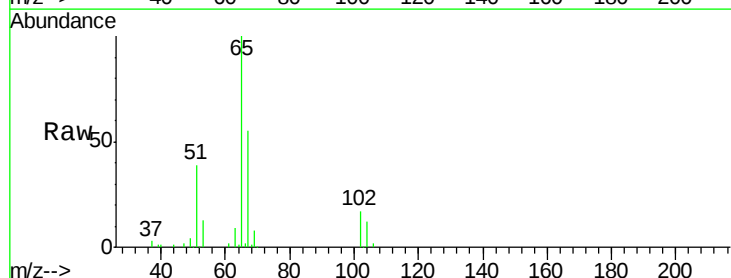
Acq: 16 Jul 2020 13:22

Tgt Ion: 65 Resp: 98206

Ion Ratio Lower Upper

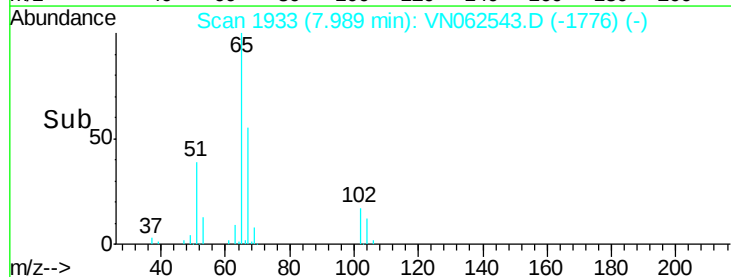
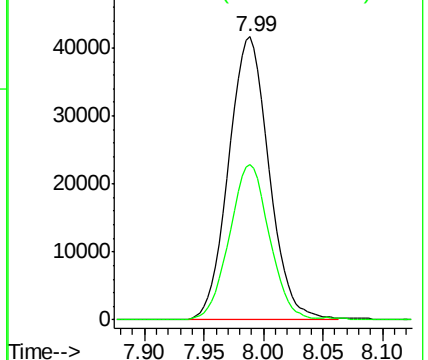
65 100

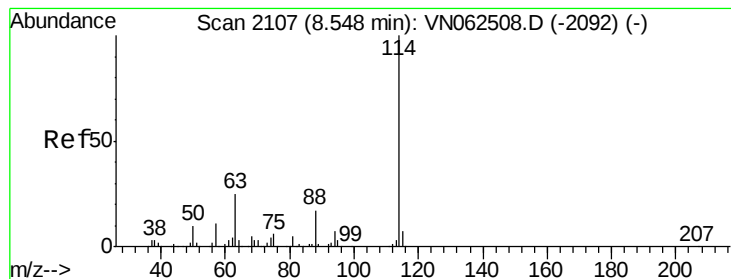
67 54.1 41.7 62.5



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: 8.55 min Scan# 2107

Delta R.T. 0.00 min

Lab File: VN062543.D

Acq: 16 Jul 2020 13:22

Instrument :

MSVOA_N

ClientSampleId :

VN0716WBL01

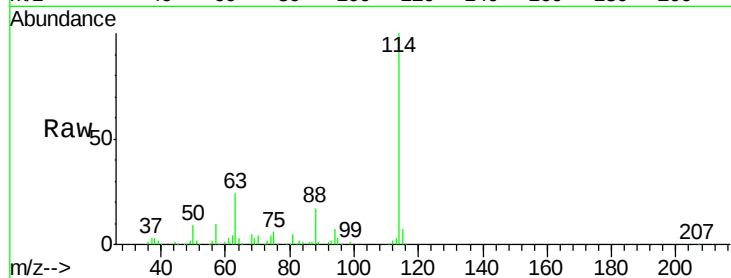
Tot Ion:114 Resp: 196500

Ion Ratio Lower Upper

114 100

63 24.2 19.4 29.0

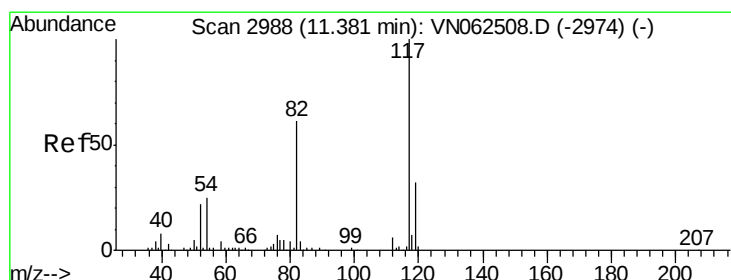
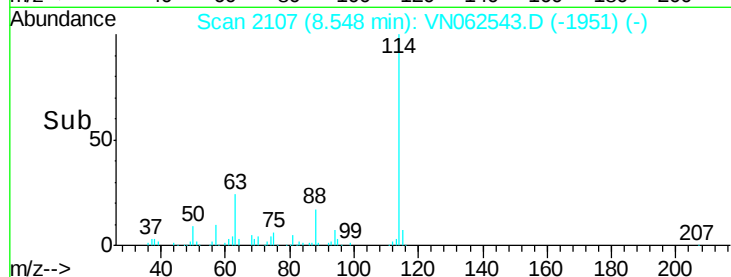
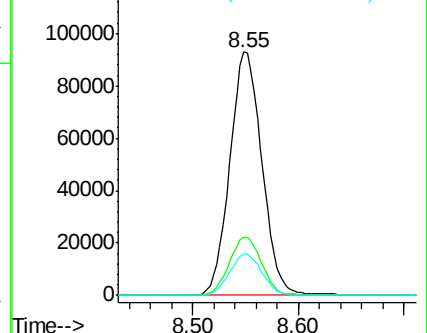
88 17.1 13.5 20.3



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN

Ion 88.00 (87.70 to 88.70): VN



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062543.D

Acq: 16 Jul 2020 13:22

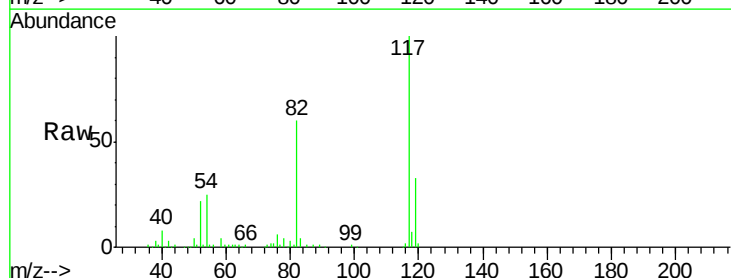
Tgt Ion:117 Resp: 176109

Ion Ratio Lower Upper

117 100

82 61.9 49.0 73.6

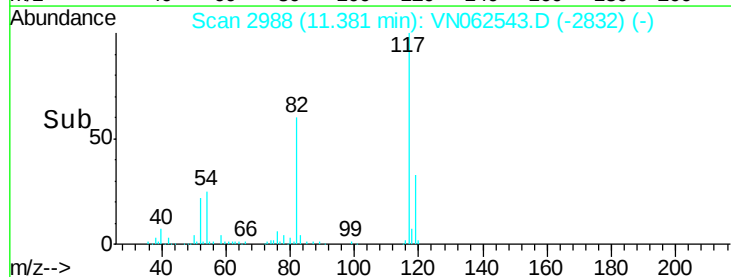
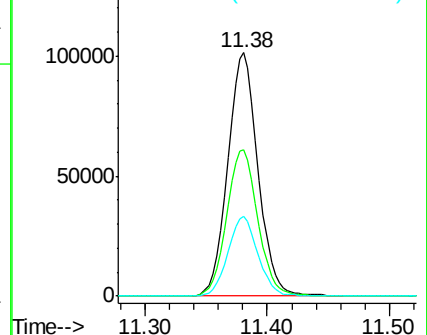
119 32.5 25.6 38.4

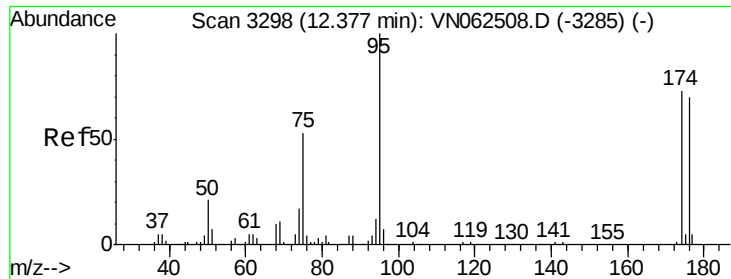


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VN

Ion 119.00 (118.70 to 119.70): V

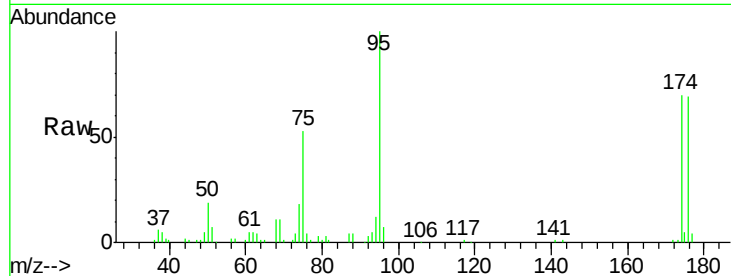




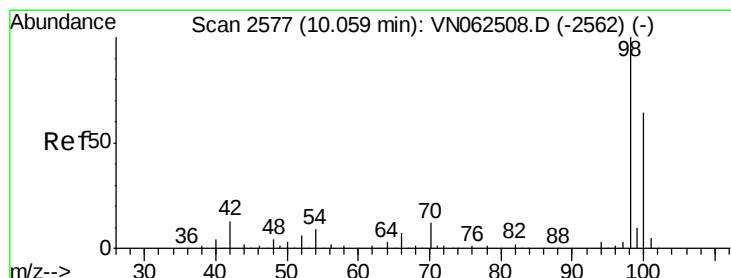
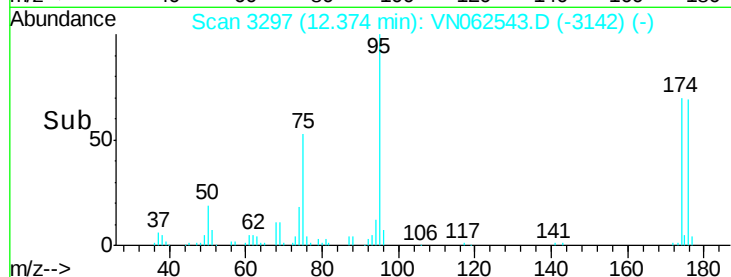
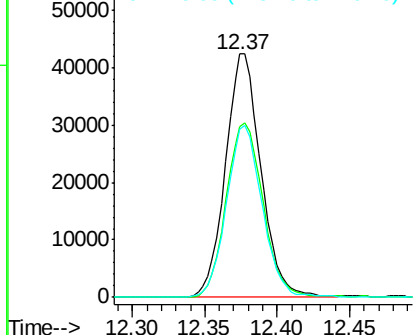
#60
4-Bromofluorobenzene
Concen: 24.025 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. -0.00 min
Lab File: VN062543.D
Acq: 16 Jul 2020 13:22

Instrument :
MSVOA_N
ClientSampleId :
VN0716WBL01

Tot Ion: 95 Resp: 72001
Ion Ratio Lower Upper
95 100
174 74.6 57.5 86.3
176 71.0 56.3 84.5

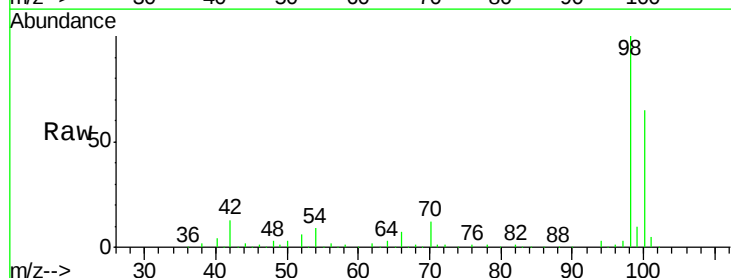


Abundance Ion 95.00 (94.70 to 95.70): VN0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V



#63
Toluene-d8
Concen: 29.868 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062543.D
Acq: 16 Jul 2020 13:22

Tgt Ion: 98 Resp: 248547
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): V

