

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072221\
 Data File : VN067864.D
 Acq On : 22 Jul 2021 15:51
 Operator : JC/MD
 Sample : M3120-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-TB-20210719

Manual Integrations
 APPROVED

MMDadoda
 7/27/2021 3:39:06 PM

Quant Time: Jul 24 07:13:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N071421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 14 01:19:19 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	7.662	128	64574	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	367910	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	325213	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	171103	32.798	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	109.333%
60) 4-Bromofluorobenzene	12.736	95	134213	25.412	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	84.700%
63) Toluene-d8	10.443	98	460429	30.781	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.600%
Target Compounds						
18) Methylene Chloride	5.095	84	5439m	1.255	ug/l	Qvalue

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

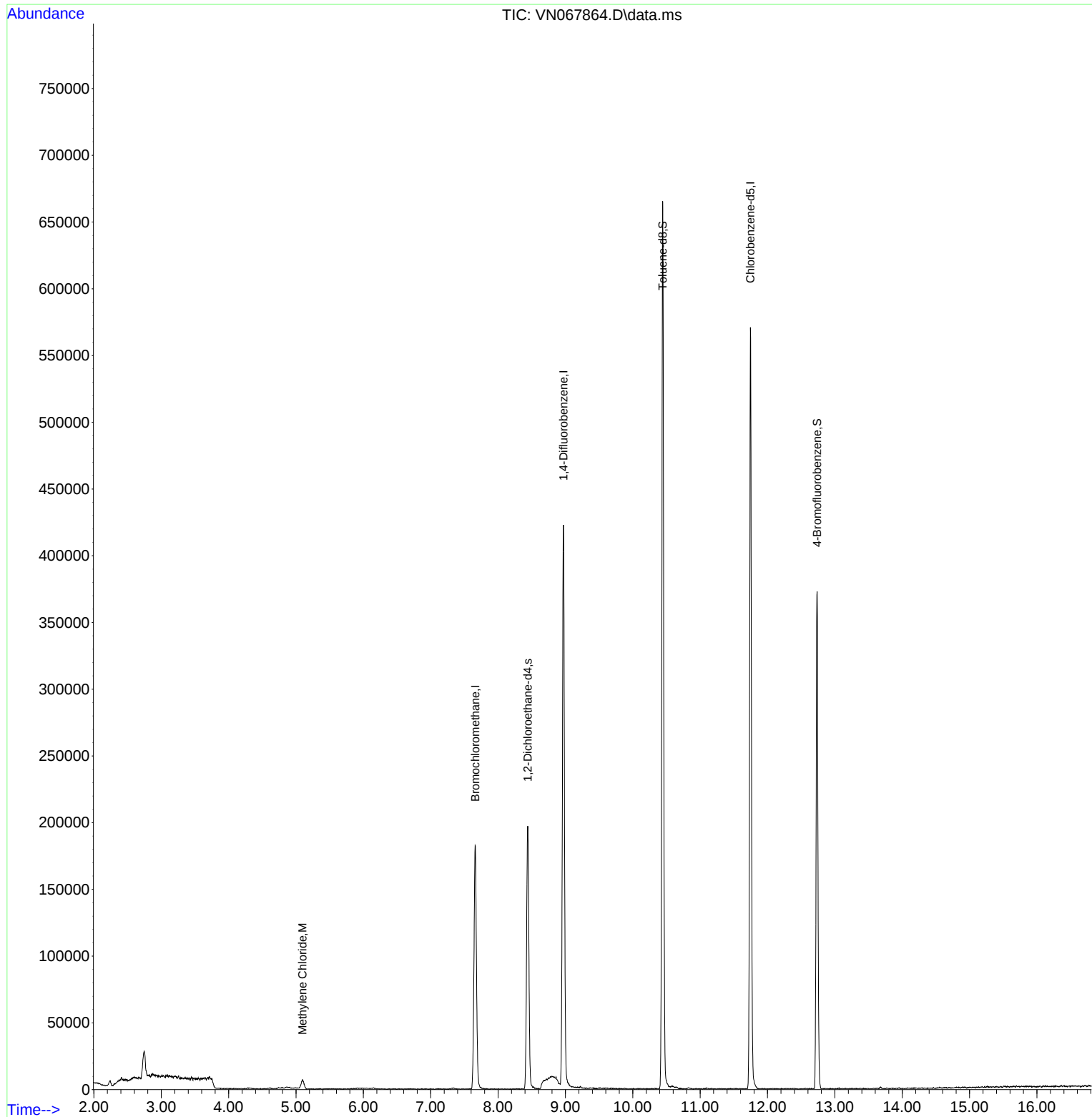
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072221\
Data File : VN067864.D
Acq On : 22 Jul 2021 15:51
Operator : JC/MD
Sample : M3120-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

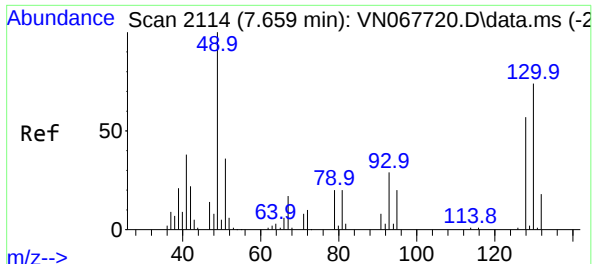
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20210719

Manual Integrations
APPROVED

MMDadoda
7/27/2021 3:39:06 PM

Quant Time: Jul 24 07:13:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N071421W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jul 14 01:19:19 2021
Response via : Initial Calibration





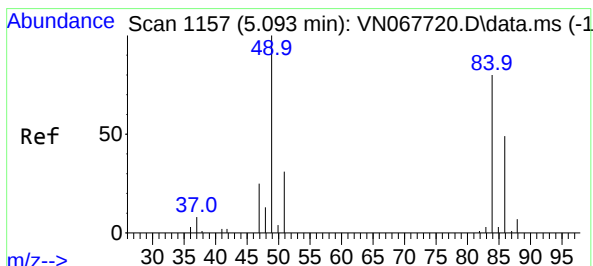
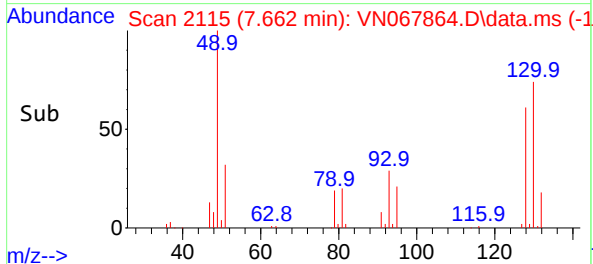
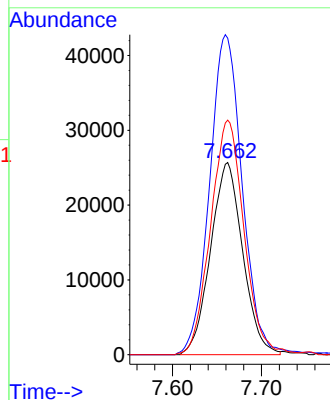
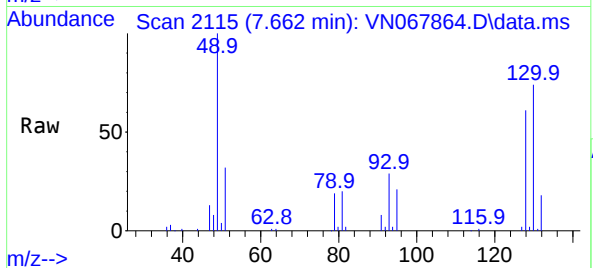
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VN067864.D
Acq: 22 Jul 2021 15:51

Tgt Ion:128 Resp: 64574
Ion Ratio Lower Upper
128 100
49 168.5 0.0 433.0
130 125.6 0.0 323.8

Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20210719

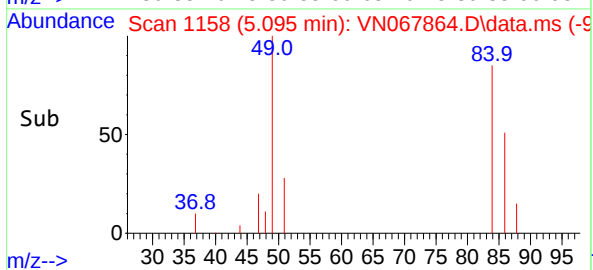
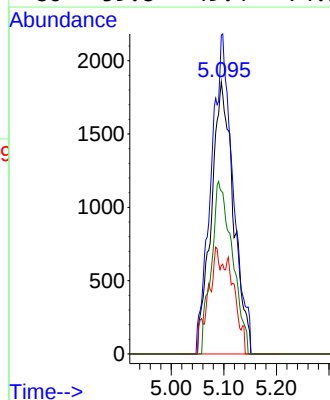
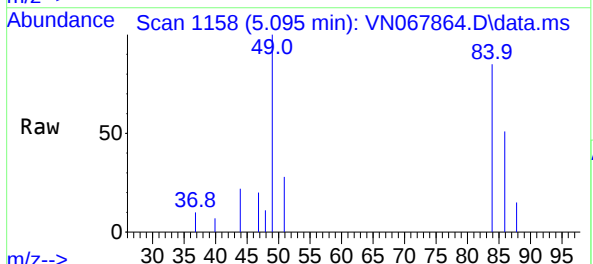
Manual Integrations
APPROVED

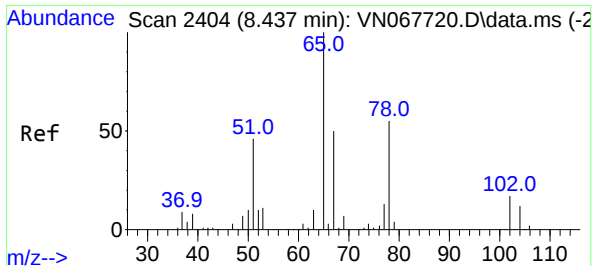
MMDadoda
7/27/2021 3:39:06 PM



#18
Methylene Chloride
Concen: 1.255 ug/l m
RT: 5.095 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VN067864.D
Acq: 22 Jul 2021 15:51

Tgt Ion: 84 Resp: 5439
Ion Ratio Lower Upper
84 100
49 117.2 100.5 150.7
51 32.6 30.7 46.1
86 59.8 49.4 74.2





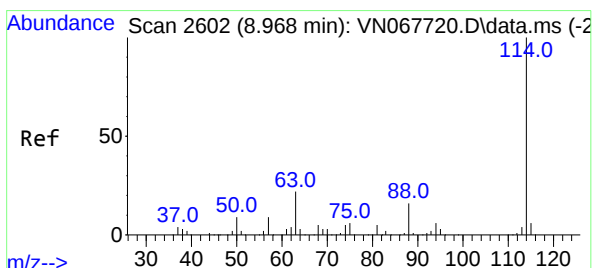
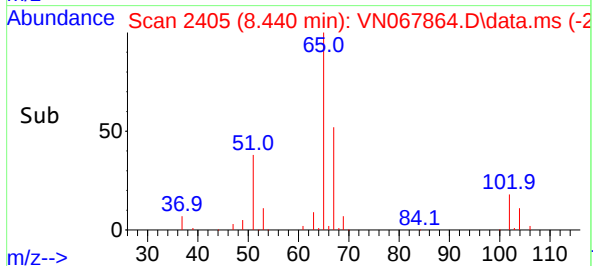
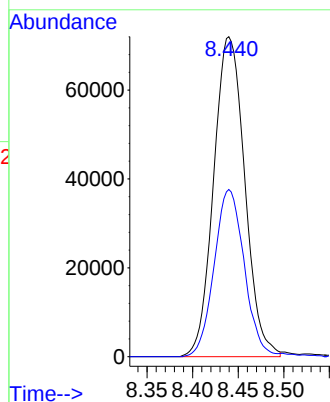
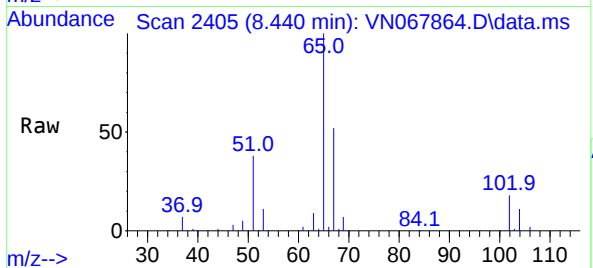
#27
1,2-Dichloroethane-d4
Concen: 32.798 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN067864.D
Acq: 22 Jul 2021 15:51

Tgt Ion: 65 Resp: 171103
Ion Ratio Lower Upper
65 100
67 50.4 40.6 60.8

Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20210719

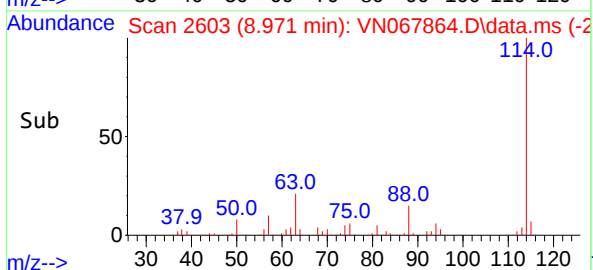
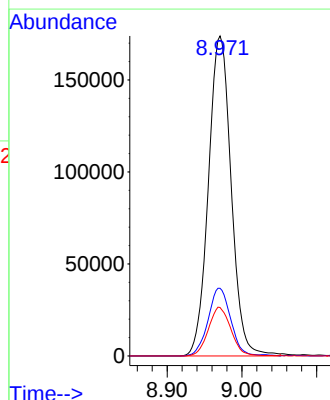
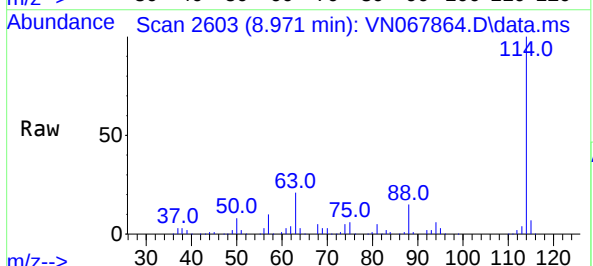
Manual Integrations
APPROVED

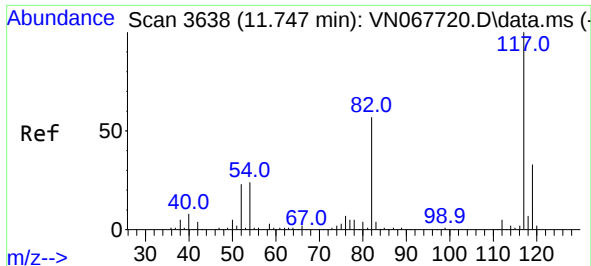
MMDadoda
7/27/2021 3:39:06 PM



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067864.D
Acq: 22 Jul 2021 15:51

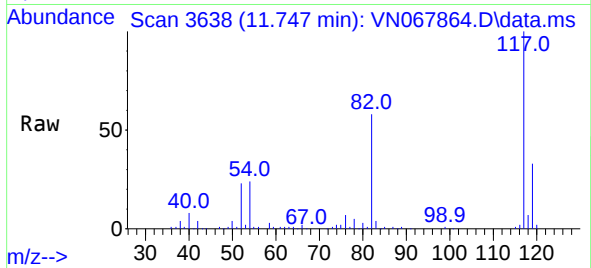
Tgt Ion: 114 Resp: 367910
Ion Ratio Lower Upper
114 100
63 21.0 17.2 25.8
88 15.0 12.4 18.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067864.D
Acq: 22 Jul 2021 15:51

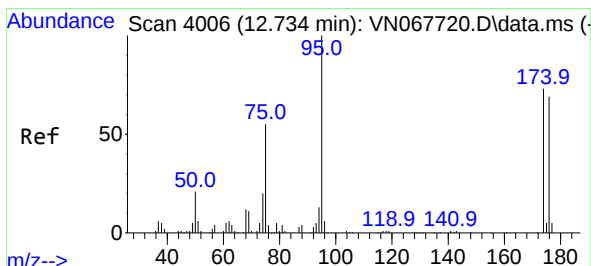
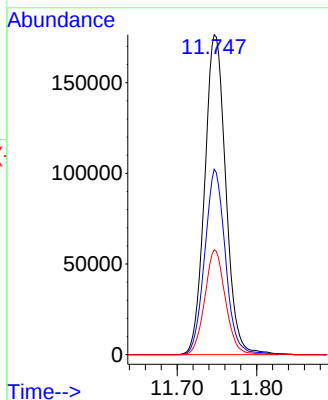
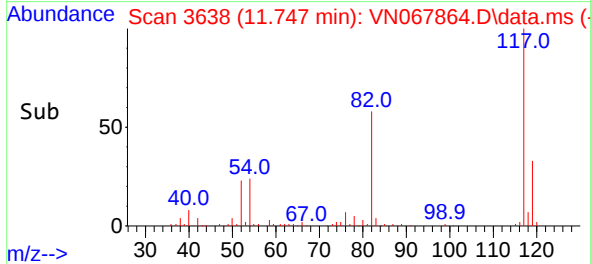
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20210719



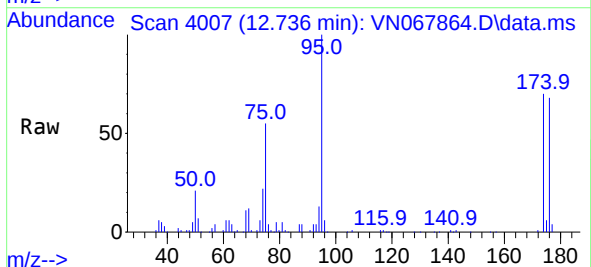
Tgt Ion:117 Resp: 325213
Ion Ratio Lower Upper
117 100
82 57.2 45.4 68.0
119 32.1 25.7 38.5

Manual Integrations
APPROVED

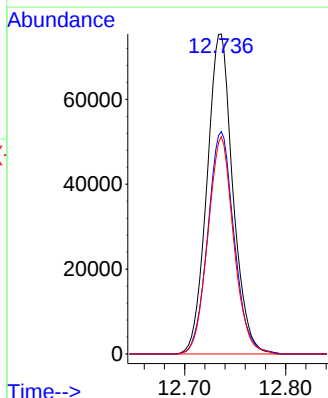
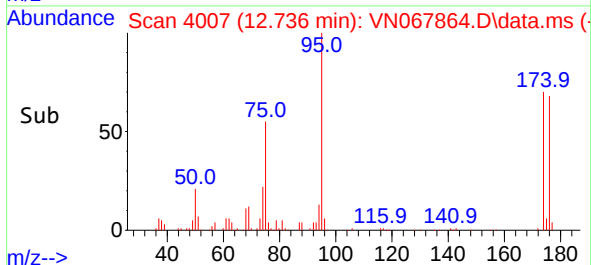
MMDadoda
7/27/2021 3:39:06 PM

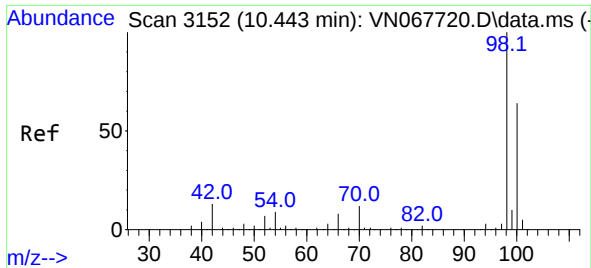


#60
4-Bromofluorobenzene
Concen: 25.412 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067864.D
Acq: 22 Jul 2021 15:51



Tgt Ion: 95 Resp: 134213
Ion Ratio Lower Upper
95 100
174 70.8 57.1 85.7
176 67.6 54.6 81.8





#63
Toluene-d8
Concen: 30.781 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN067864.D
Acq: 22 Jul 2021 15:51

Tgt Ion: 98 Resp: 460429
Ion Ratio Lower Upper
98 100
100 63.6 51.0 76.4

Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20210719

Manual Integrations
APPROVED

MMDadoda
7/27/2021 3:39:06 PM

