

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070921\
 Data File : VN067683.D
 Acq On : 9 Jul 2021 14:15
 Operator : JC/MD
 Sample : M2975-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Manual Integrations
 APPROVED

MMDadoda
 7/12/2021 5:44:39 PM

Quant Time: Jul 10 05:18:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N070121W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 01 12:09:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	68508	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	414680	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.749	117	379062	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.437	65	188604	34.068	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	113.567%#
60) 4-Bromofluorobenzene	12.733	95	165000	26.757	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	89.200%
63) Toluene-d8	10.443	98	513785	29.622	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.733%
Target Compounds						
18) Methylene Chloride	5.101	84	4638m	1.074	ug/l	Qvalue

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

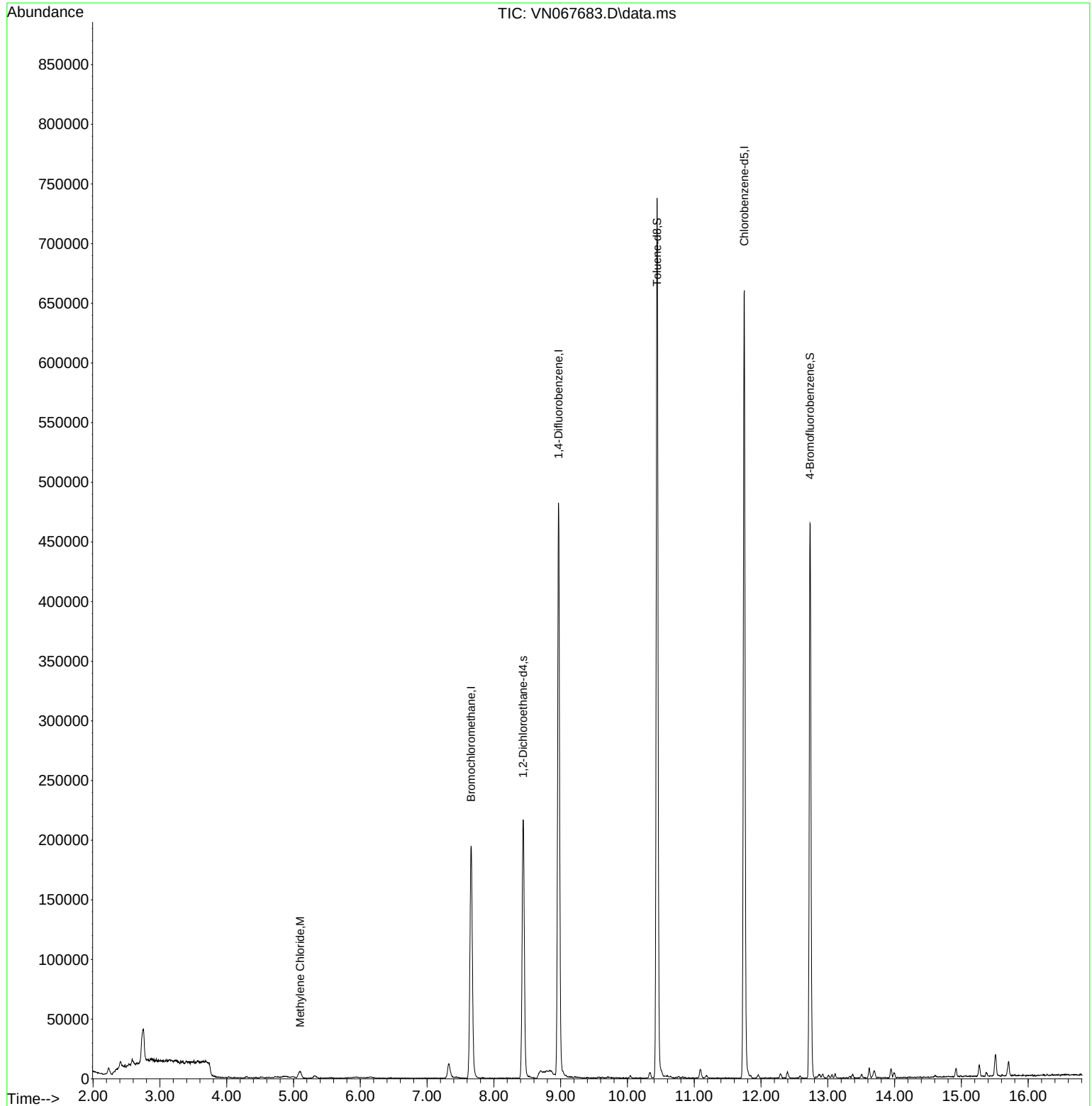
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070921\
Data File : VN067683.D
Acq On : 9 Jul 2021 14:15
Operator : JC/MD
Sample : M2975-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

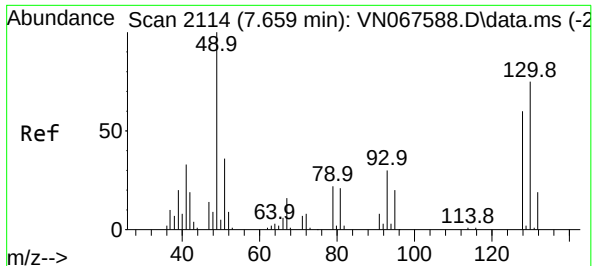
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Manual Integrations
APPROVED

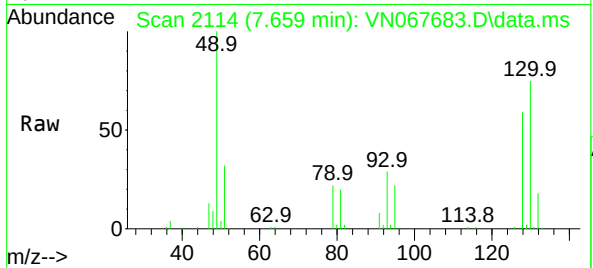
MMDadoda
7/12/2021 5:44:39 PM

Quant Time: Jul 10 05:18:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N070121W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jul 01 12:09:22 2021
Response via : Initial Calibration

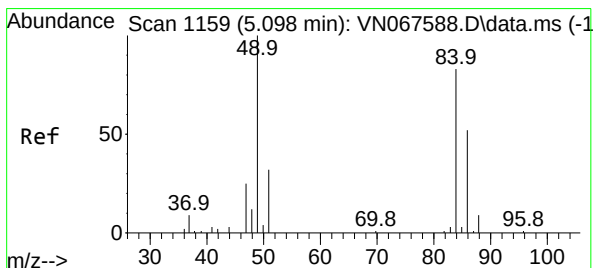
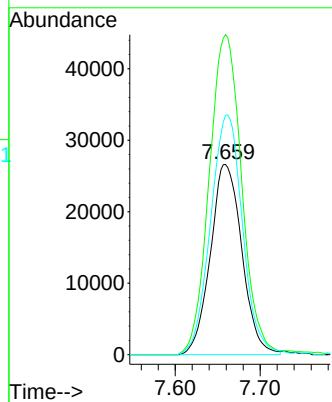
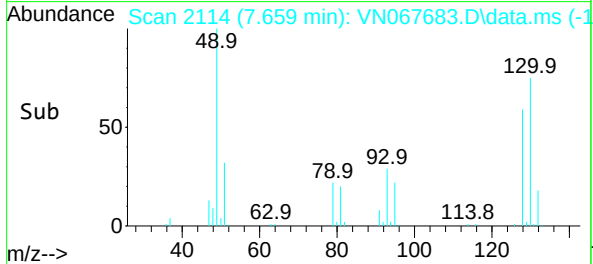




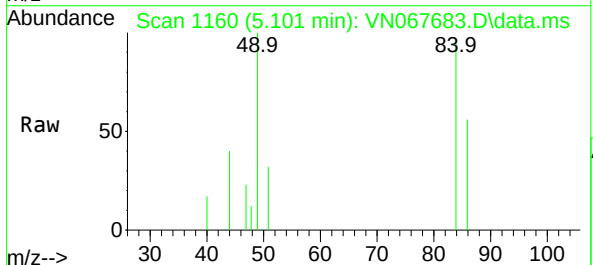
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN067683.D
Acq: 9 Jul 2021 14:15



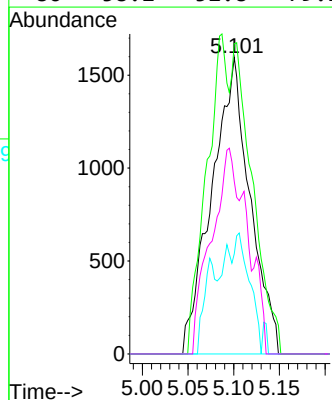
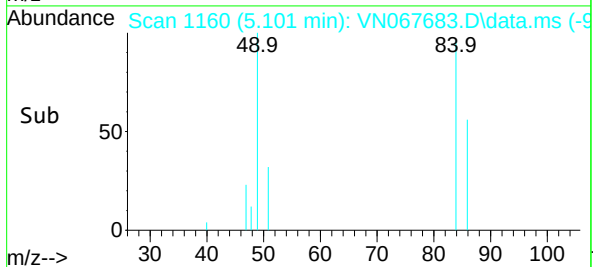
Tgt Ion:128 Resp: 68508
Ion Ratio Lower Upper
128 100
49 172.6 0.0 517.5
130 128.3 0.0 325.8



#18
Methylene Chloride
Concen: 1.074 ug/l m
RT: 5.101 min Scan# 1160
Delta R.T. 0.003 min
Lab File: VN067683.D
Acq: 9 Jul 2021 14:15



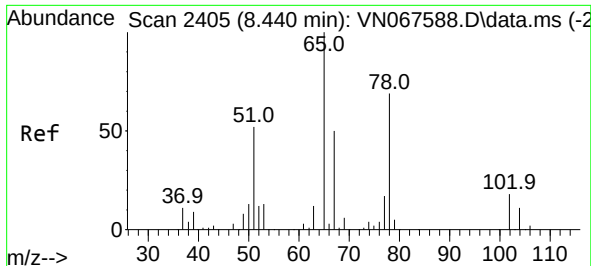
Tgt Ion: 84 Resp: 4638
Ion Ratio Lower Upper
84 100
49 104.7 110.9 166.3#
51 33.8 31.2 46.8
86 58.2 52.8 79.2



Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Manual Integrations
APPROVED

MMDadoda
7/12/2021 5:44:39 PM



#27

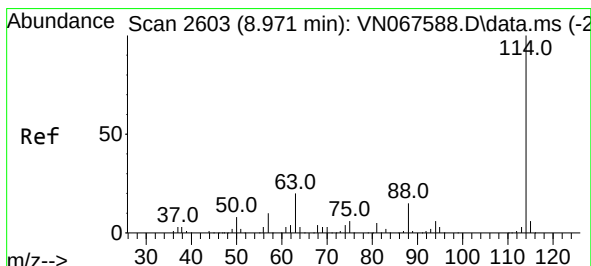
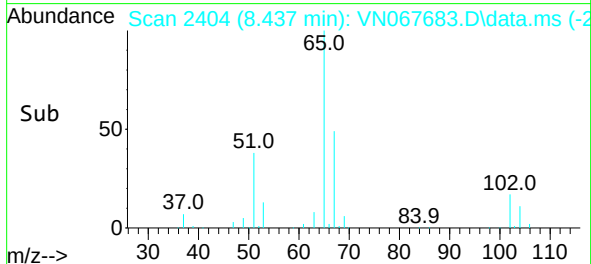
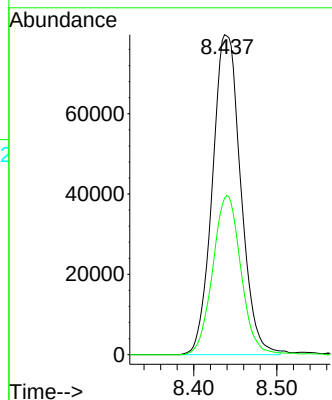
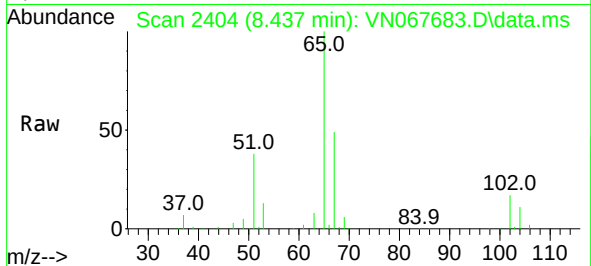
1,2-Dichloroethane-d4
Concen: 34.068 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.003 min
Lab File: VN067683.D
Acq: 9 Jul 2021 14:15

Tgt Ion: 65 Resp: 188604
Ion Ratio Lower Upper
65 100
67 49.5 39.8 59.8

Instrument :
MSVOA_N
ClientSampled :
TRIP-BLANK

Manual Integrations
APPROVED

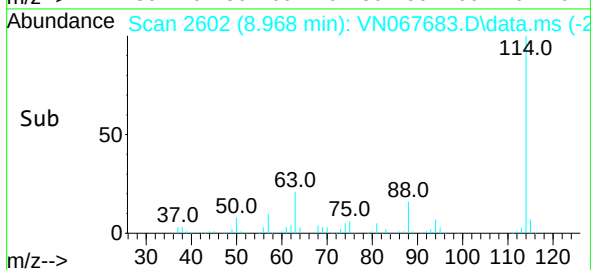
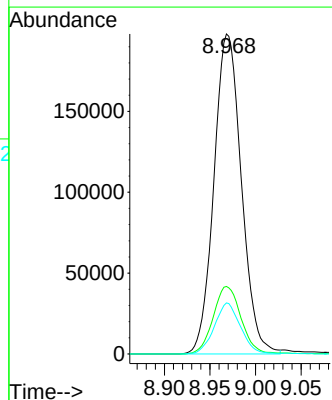
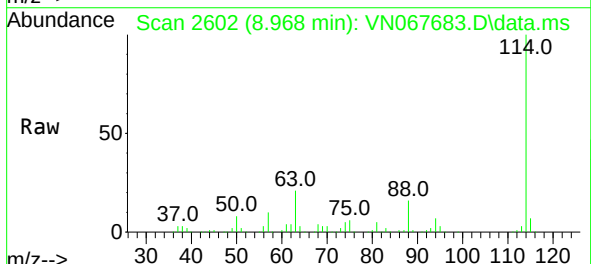
MMDadoda
7/12/2021 5:44:39 PM

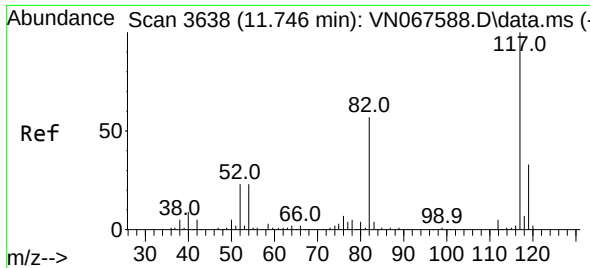


#28

1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN067683.D
Acq: 9 Jul 2021 14:15

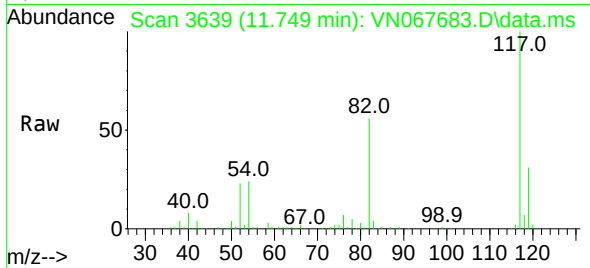
Tgt Ion: 114 Resp: 414680
Ion Ratio Lower Upper
114 100
63 21.4 20.3 30.5
88 15.2 14.6 22.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067683.D
Acq: 9 Jul 2021 14:15

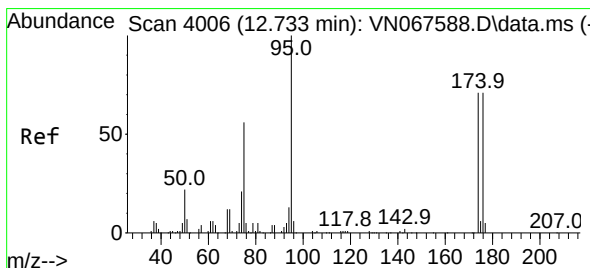
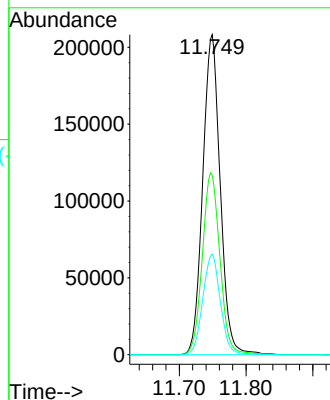
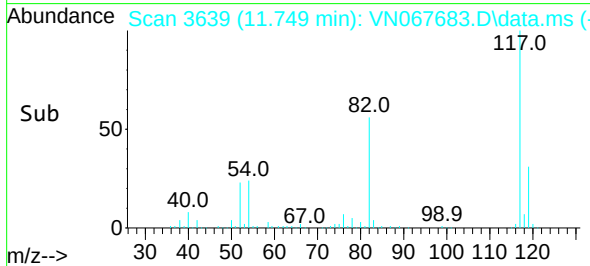
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK



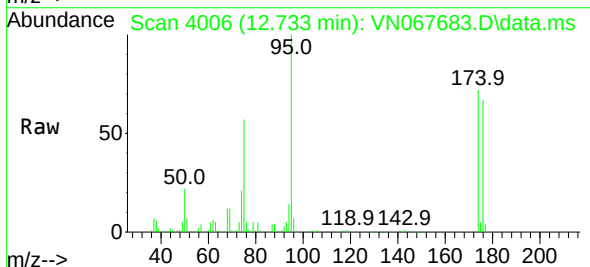
Tgt Ion:117 Resp: 379062
Ion Ratio Lower Upper
117 100
82 57.3 52.5 78.7
119 31.4 25.8 38.8

Manual Integrations
APPROVED

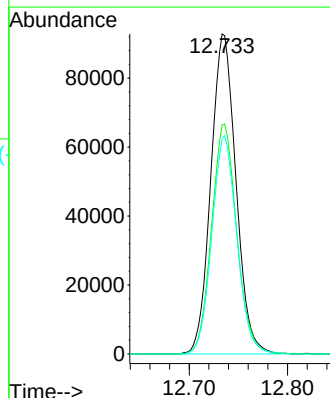
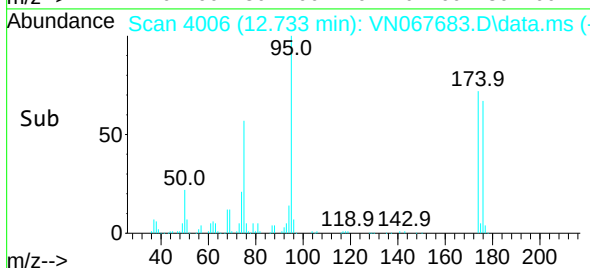
MMDadoda
7/12/2021 5:44:39 PM

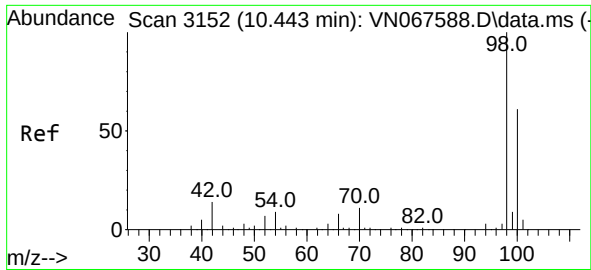


#60
4-Bromofluorobenzene
Concen: 26.757 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067683.D
Acq: 9 Jul 2021 14:15



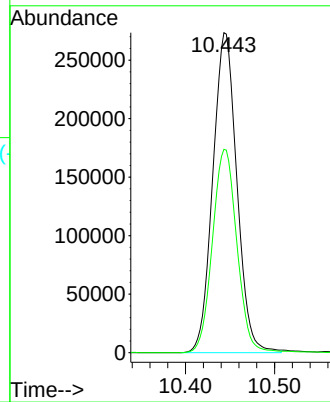
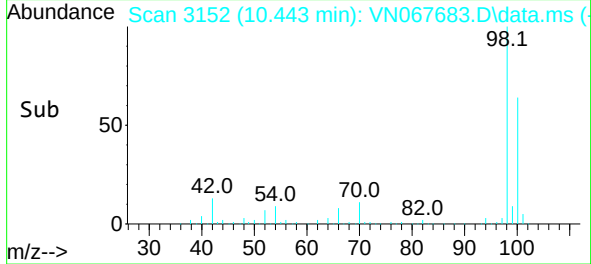
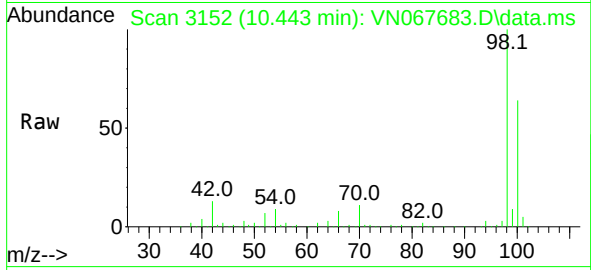
Tgt Ion: 95 Resp: 165000
Ion Ratio Lower Upper
95 100
174 71.9 47.7 71.5#
176 68.0 45.7 68.5





#63
Toluene-d8
Concen: 29.622 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067683.D
Acq: 9 Jul 2021 14:15

Tgt Ion: 98 Resp: 513785
Ion Ratio Lower Upper
98 100
100 64.4 51.2 76.8



Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Manual Integrations
APPROVED

MMDadoda
7/12/2021 5:44:39 PM