

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060722\
 Data File : VN072682.D
 Acq On : 07 Jun 2022 12:52
 Operator : JC\MD
 Sample : N3157-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-4

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/08/2022
 Supervised By : Mahesh Dadoda 06/08/2022

Quant Time: Jun 08 09:51:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 06 14:10:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.657	128	37874	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	231916	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	190491	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	134000	31.023	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	103.400%	
60) 4-Bromofluorobenzene	12.727	95	98931	25.251	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	84.167%	
63) Toluene-d8	10.439	98	338777	32.104	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	107.000%	
Target Compounds						
15) Acetone	4.287	58	3858m	6.771	ug/l	Qvalue
25) Chloroform	7.810	83	123178	20.160	ug/l	99
41) Bromodichloromethane	9.757	83	10129	1.920	ug/l #	79

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

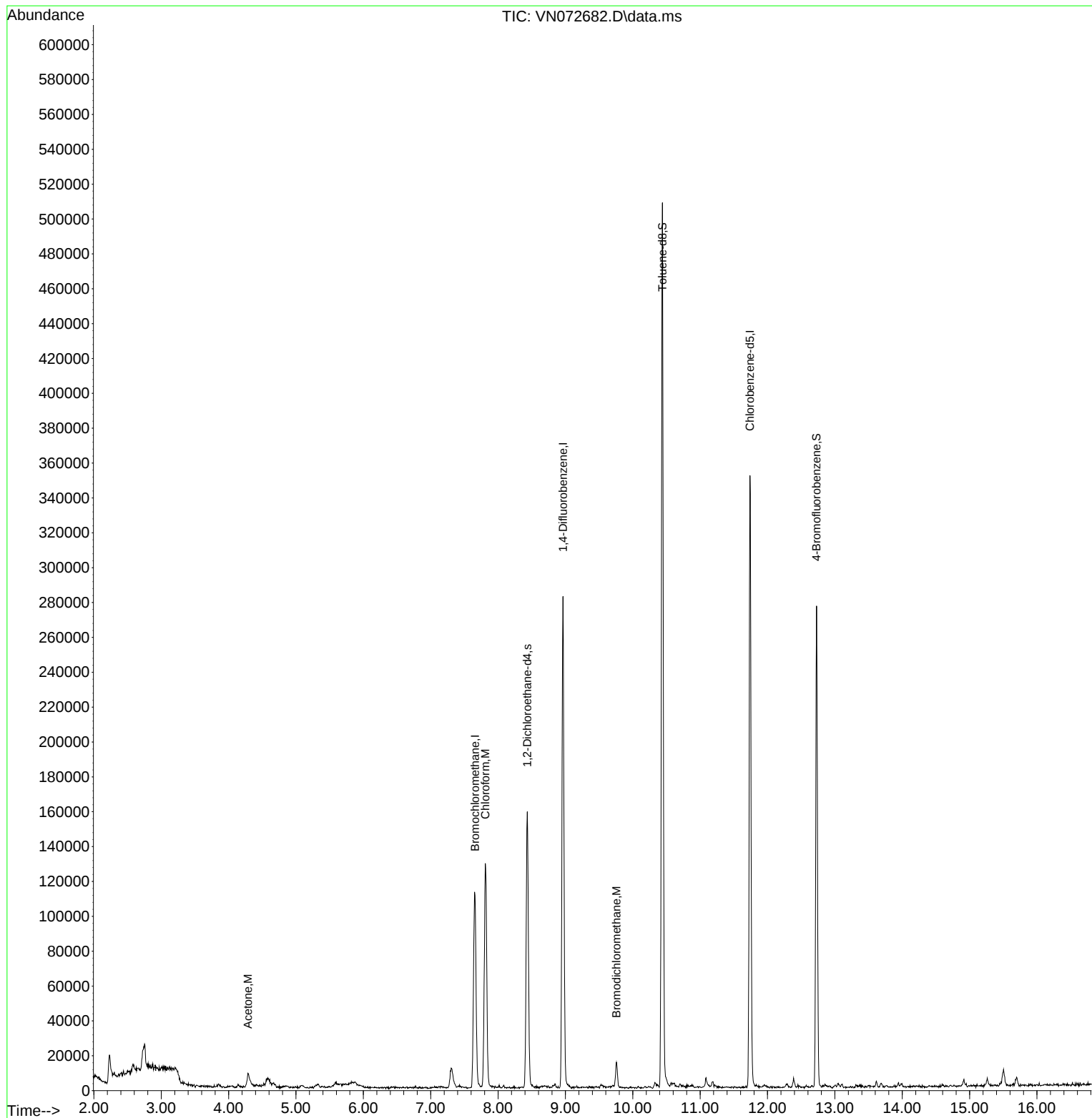
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060722\
Data File : VN072682.D
Acq On : 07 Jun 2022 12:52
Operator : JC\MD
Sample : N3157-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
14B-4

Manual Integrations
APPROVED

Reviewed By : John Carlone 06/08/2022
Supervised By : Mahesh Dadoda 06/08/2022

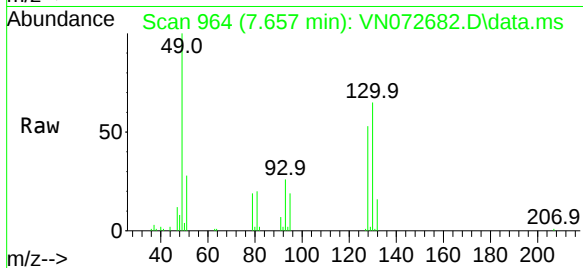
Quant Time: Jun 08 09:51:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jun 06 14:10:15 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN072682.D
Acq: 07 Jun 2022 12:52

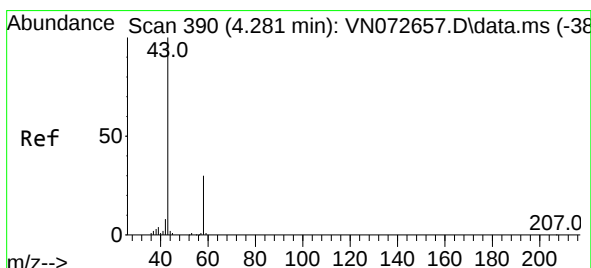
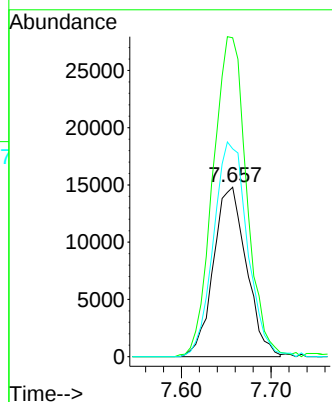
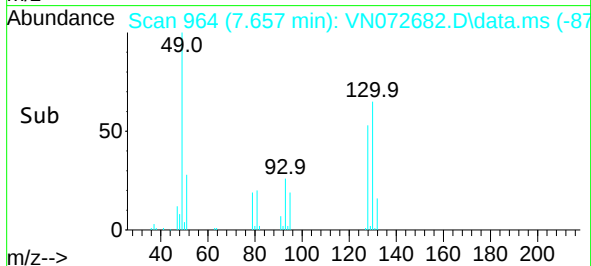
Instrument :
MSVOA_N
ClientSampleId :
14B-4



Tgt Ion: 128 Resp: 37874
Ion Ratio Lower Upper
128 100
49 192.3 0.0 392.3
130 129.9 0.0 320.2

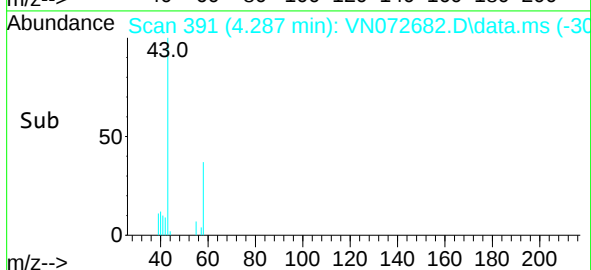
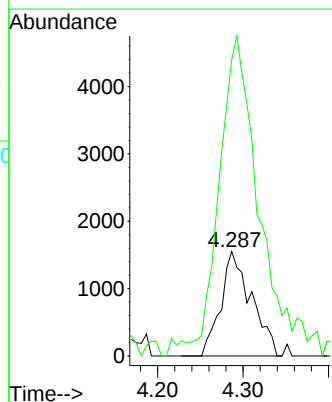
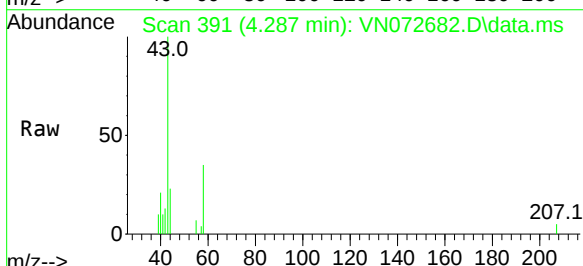
Manual Integrations
APPROVED

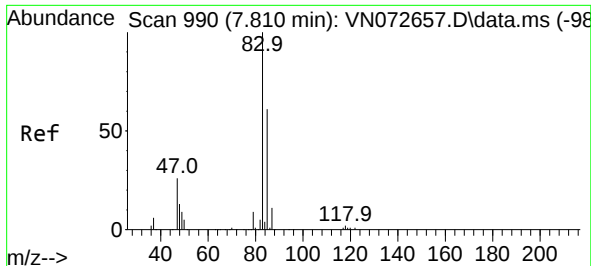
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#15
Acetone
Concen: 6.771 ug/l m
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072682.D
Acq: 07 Jun 2022 12:52

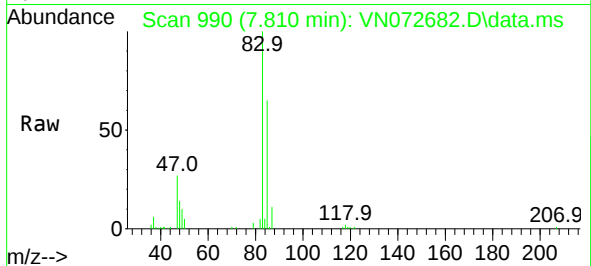
Tgt Ion: 58 Resp: 3858
Ion Ratio Lower Upper
58 100
43 283.2 256.6 384.8





#25
Chloroform
Concen: 20.160 ug/l
RT: 7.810 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN072682.D
Acq: 07 Jun 2022 12:52

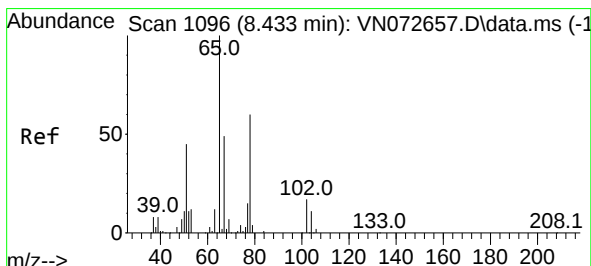
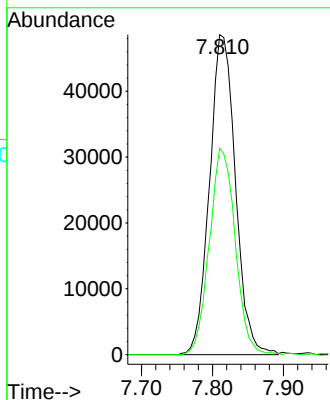
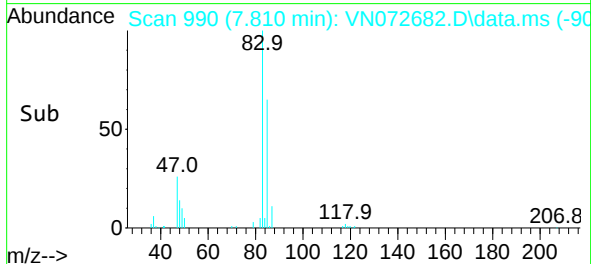
Instrument :
MSVOA_N
Client Sample Id :
14B-4



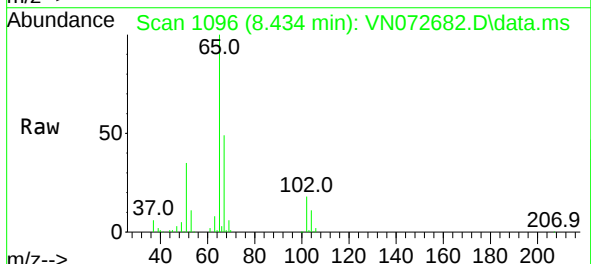
Tgt Ion: 83 Resp: 123178
Ion Ratio Lower Upper
83 100
85 64.5 51.3 76.9

Manual Integrations
APPROVED

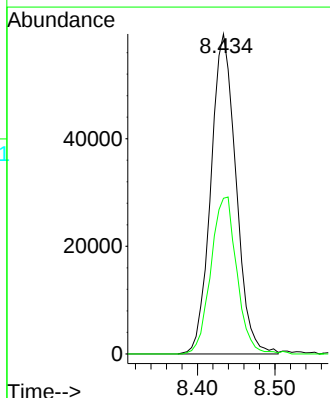
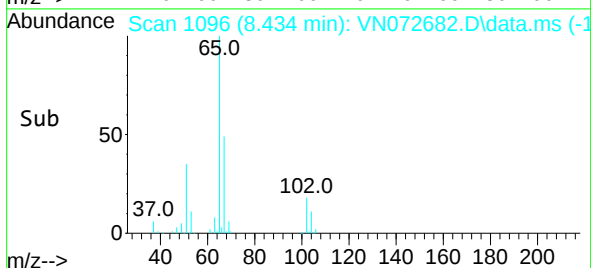
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

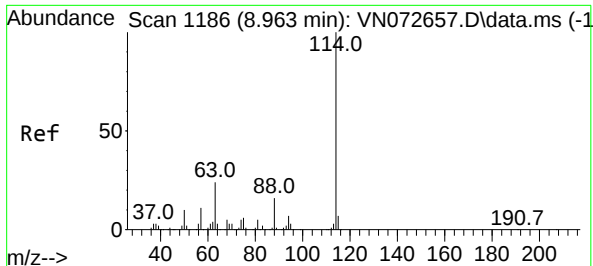


#27
1,2-Dichloroethane-d4
Concen: 31.023 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072682.D
Acq: 07 Jun 2022 12:52



Tgt Ion: 65 Resp: 134000
Ion Ratio Lower Upper
65 100
67 50.3 40.2 60.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN072682.D

Acq: 07 Jun 2022 12:52

Instrument :

MSVOA_N

ClientSampleId :

14B-4

Tgt Ion:114 Resp: 231910

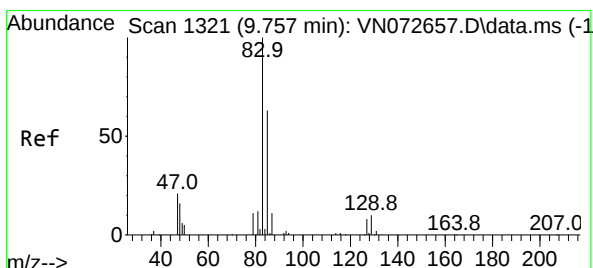
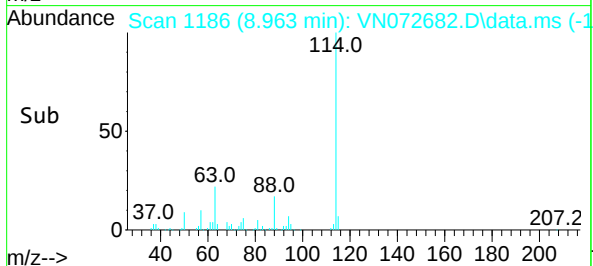
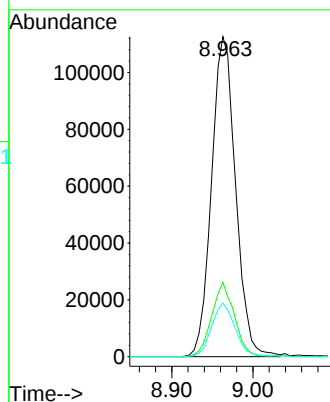
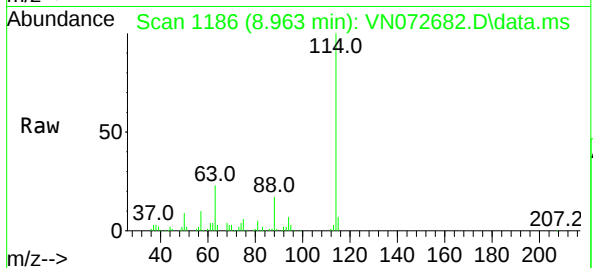
Ion	Ratio	Lower	Upper
114	100		
63	21.9	15.8	23.6
88	16.2	11.6	17.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2022

Supervised By :Mahesh Dadoda 06/08/2022



#41

Bromodichloromethane

Concen: 1.920 ug/l

RT: 9.757 min Scan# 1321

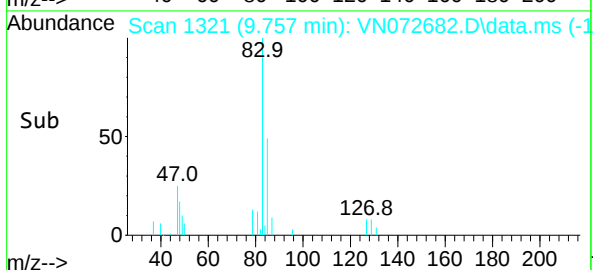
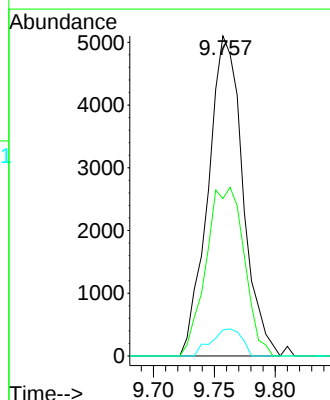
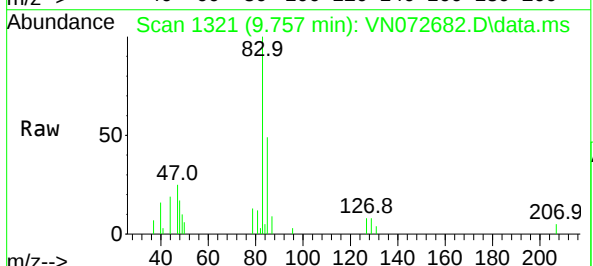
Delta R.T. 0.000 min

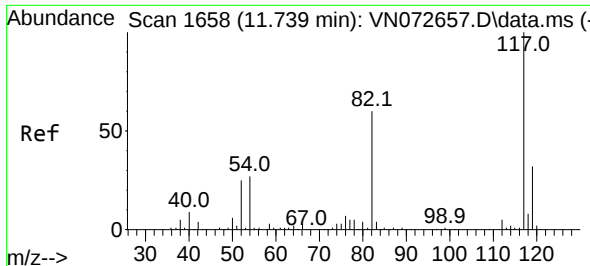
Lab File: VN072682.D

Acq: 07 Jun 2022 12:52

Tgt Ion: 83 Resp: 10129

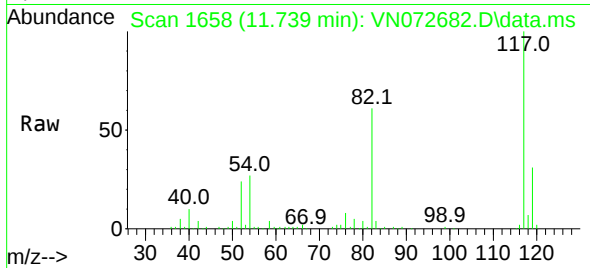
Ion	Ratio	Lower	Upper
83	100		
85	49.2	54.1	81.1#
127	8.1	7.6	11.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072682.D
Acq: 07 Jun 2022 12:52

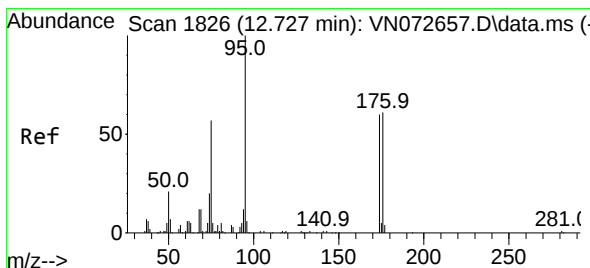
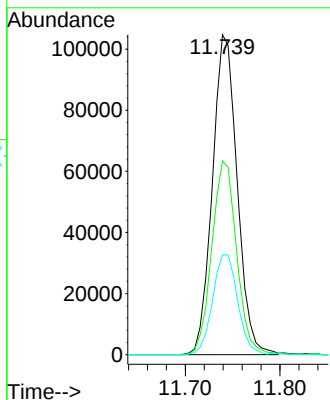
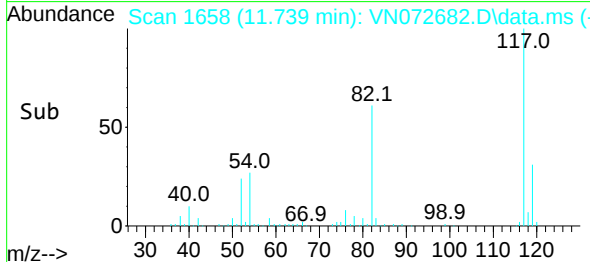
Instrument :
MSVOA_N
ClientSampleId :
14B-4



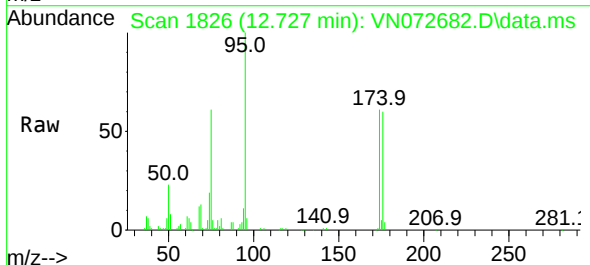
Tgt Ion:117 Resp: 19049
Ion Ratio Lower Upper
117 100
82 60.7 43.6 65.4
119 31.7 25.8 38.6

Manual Integrations
APPROVED

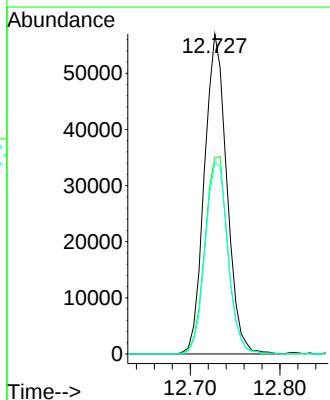
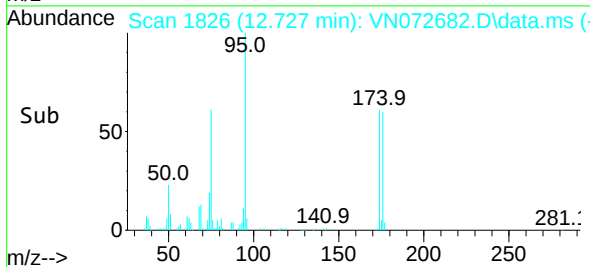
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

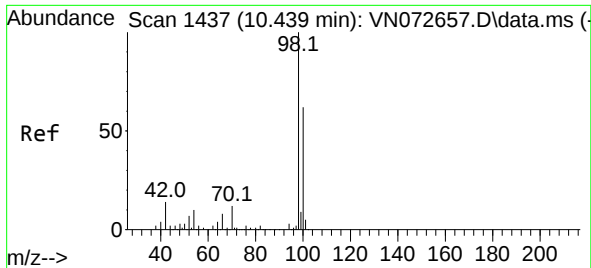


#60
4-Bromofluorobenzene
Concen: 25.251 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072682.D
Acq: 07 Jun 2022 12:52



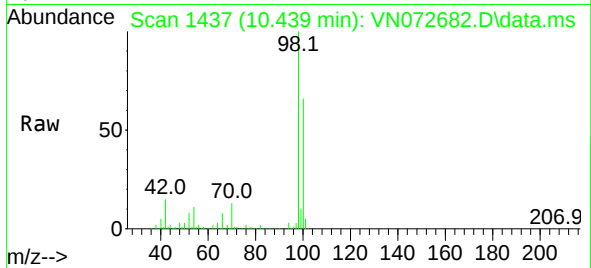
Tgt Ion: 95 Resp: 98931
Ion Ratio Lower Upper
95 100
174 63.2 62.9 94.3
176 61.0 61.0 91.4





#63
Toluene-d8
Concen: 32.104 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072682.D
Acq: 07 Jun 2022 12:52

Instrument :
MSVOA_N
ClientSampleId :
14B-4



Tgt Ion: 98 Resp: 338777
Ion Ratio Lower Upper
98 100
100 64.9 50.6 76.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

