

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060722\
 Data File : VN072689.D
 Acq On : 07 Jun 2022 15:42
 Operator : JC\MD
 Sample : N3198-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-3

Manual Integrations
 APPROVED

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

Quant Time: Jun 08 09:52:25 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	36617	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	219241	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	183112	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	128549	30.782	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.600%			
60) 4-Bromofluorobenzene	12.727	95	90380	23.998	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 80.000%			
63) Toluene-d8	10.439	98	327115	32.248	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 107.500%			
Target Compounds						
15) Acetone	4.304	58	3102m	5.631	ug/l	Qvalue
25) Chloroform	7.816	83	86690	14.675	ug/l	96
41) Bromodichloromethane	9.757	83	7027	1.409	ug/l #	87

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

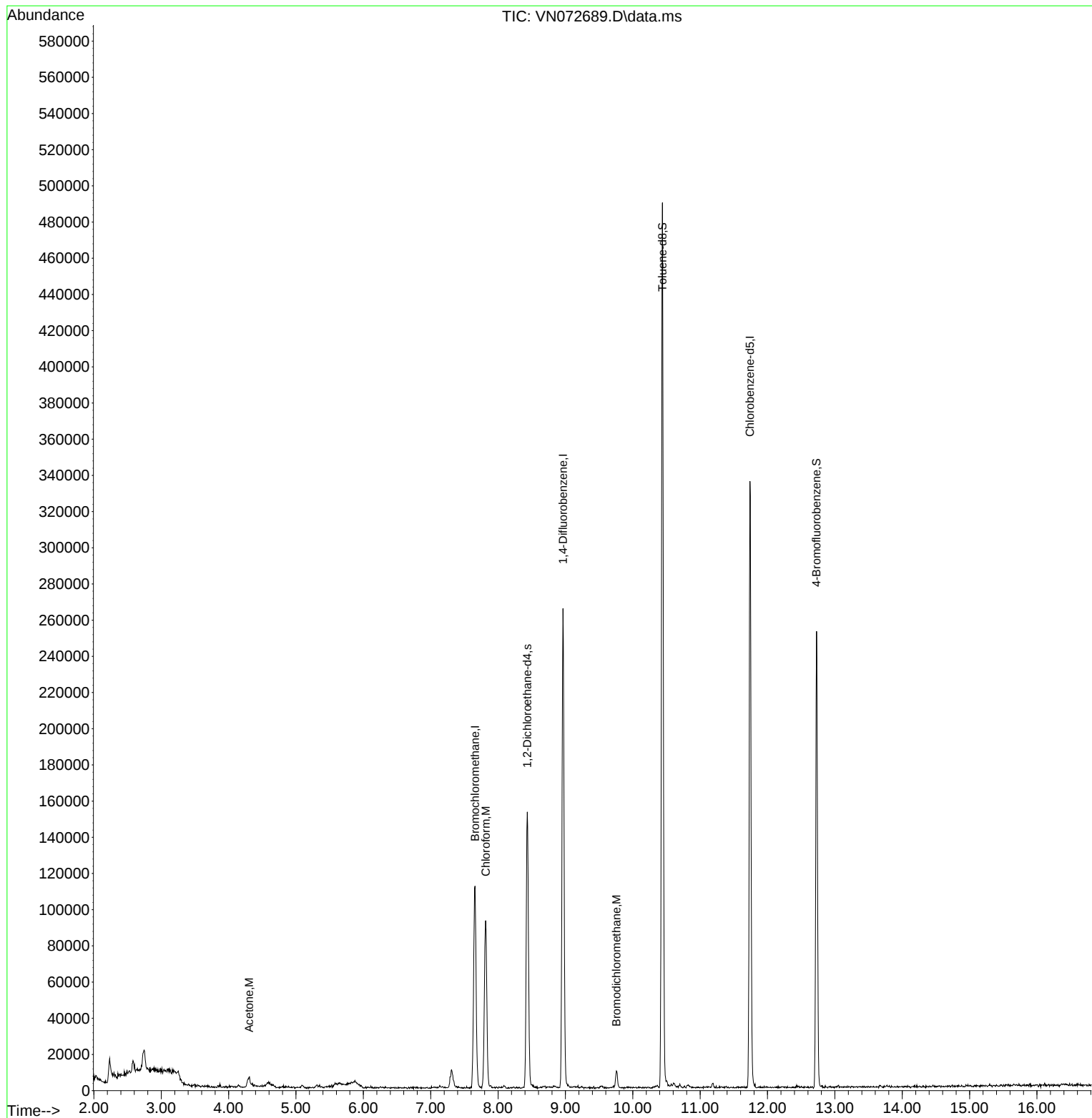
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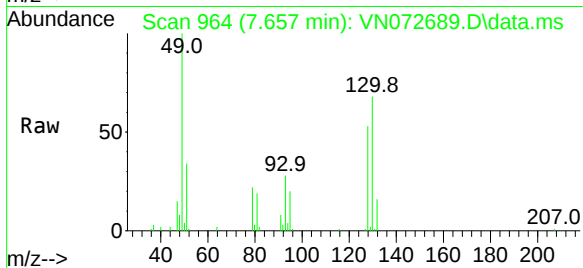
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jun 06 14:10:15 2022
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN072689.D
Acq: 07 Jun 2022 15:42

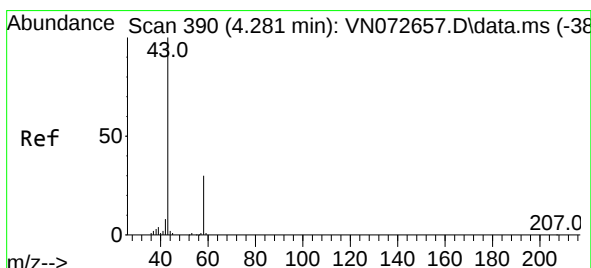
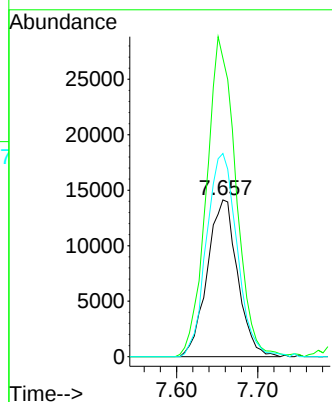
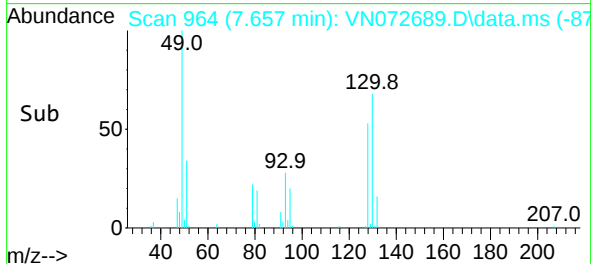
Instrument :
MSVOA_N
ClientSampleId :
14B-3



Tgt Ion: 128 Resp: 3661
Ion Ratio Lower Upper
128 100
49 197.7 0.0 392.3
130 130.3 0.0 320.2

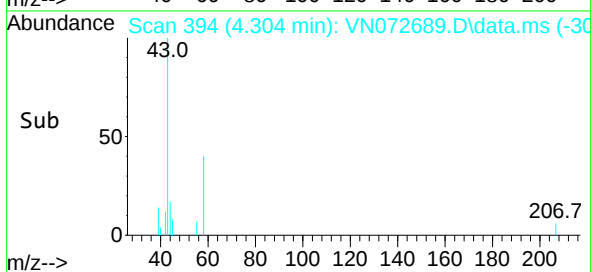
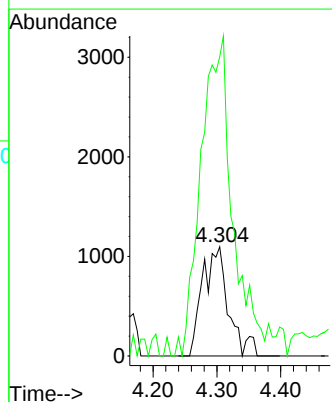
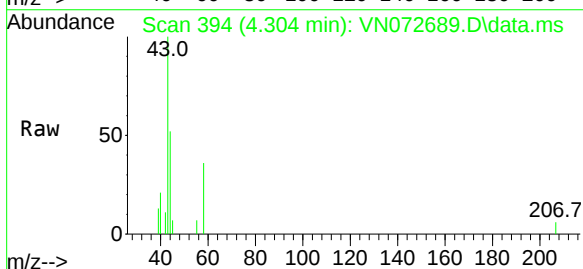
Manual Integrations
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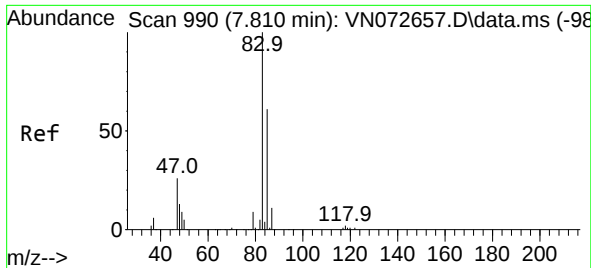
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#15
Acetone
Concen: 5.631 ug/l m
RT: 4.304 min Scan# 394
Delta R.T. 0.024 min
Lab File: VN072689.D
Acq: 07 Jun 2022 15:42

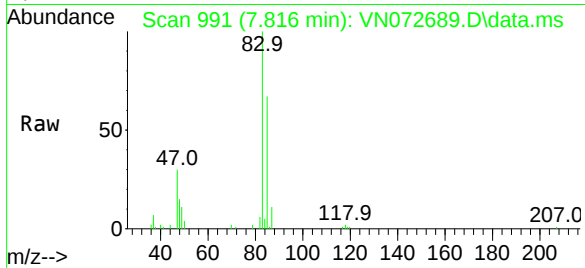
Tgt Ion: 58 Resp: 3102
Ion Ratio Lower Upper
58 100
43 274.2 256.6 384.8





#25
Chloroform
Concen: 14.675 ug/l
RT: 7.816 min Scan# 990
Delta R.T. 0.006 min
Lab File: VN072689.D
Acq: 07 Jun 2022 15:42

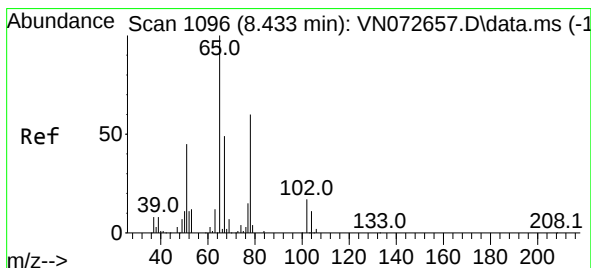
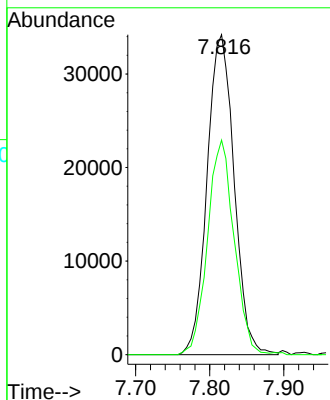
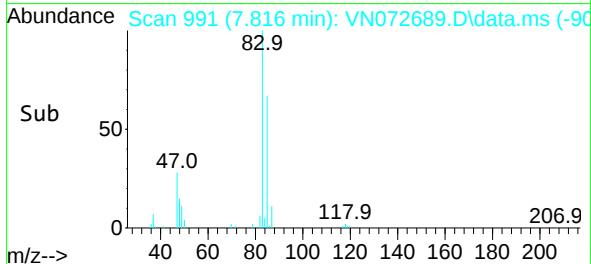
Instrument :
MSVOA_N
Client Sample Id :
14B-3



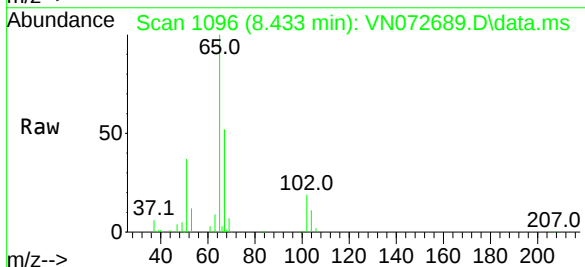
Tgt Ion: 83 Resp: 86690
Ion Ratio Lower Upper
83 100
85 67.1 51.3 76.9

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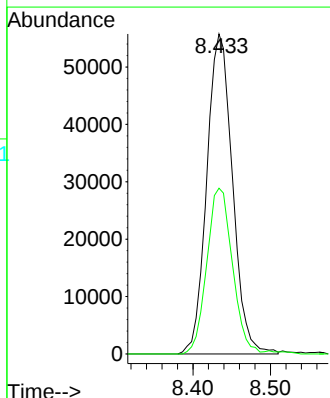
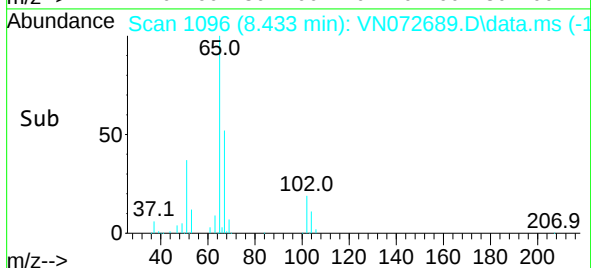
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

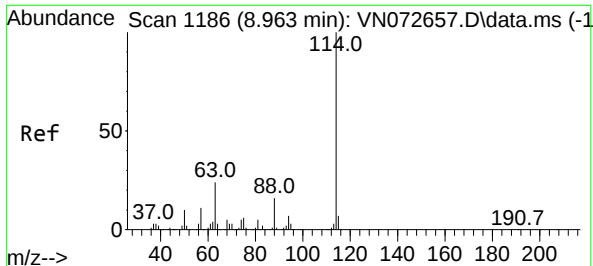


#27
1,2-Dichloroethane-d4
Concen: 30.782 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072689.D
Acq: 07 Jun 2022 15:42



Tgt Ion: 65 Resp: 128549
Ion Ratio Lower Upper
65 100
67 51.5 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: VN072689.D

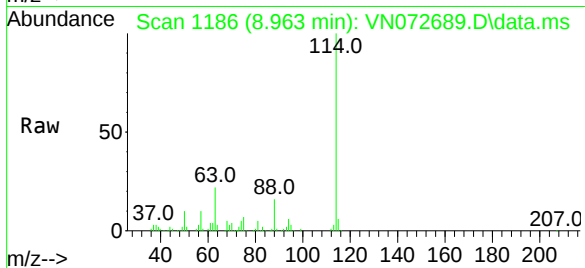
Acq: 07 Jun 2022 15:42

Instrument :

MSVOA_N

ClientSampleId :

14B-3



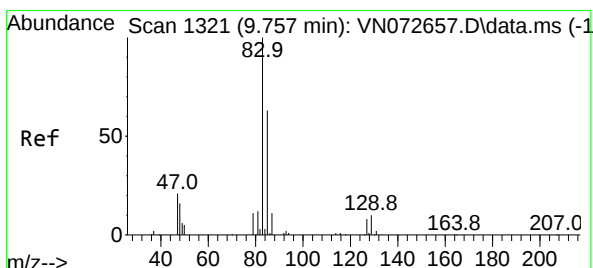
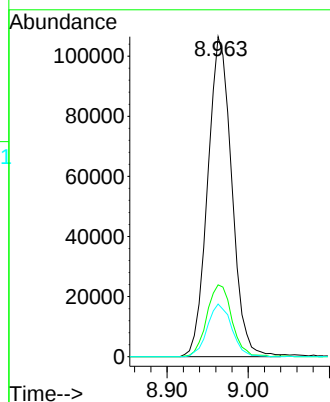
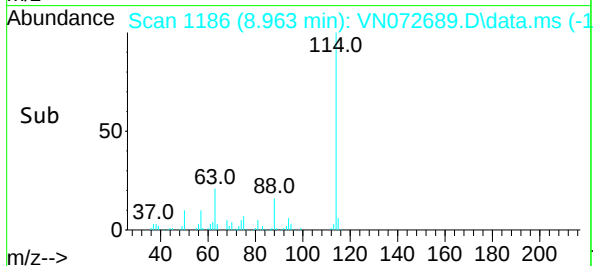
Tgt Ion:	114	Resp:	21924
Ion Ratio	Lower	Upper	
114	100		
63	23.2	15.8	23.6
88	16.6	11.6	17.4

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#41

Bromodichloromethane

Concen: 1.409 ug/l

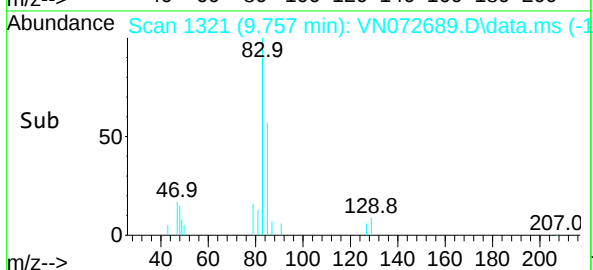
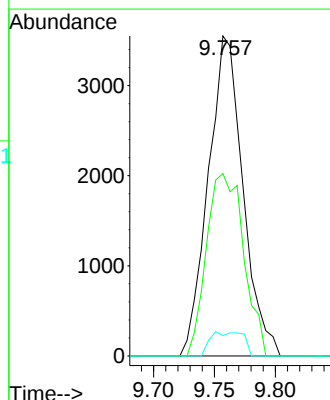
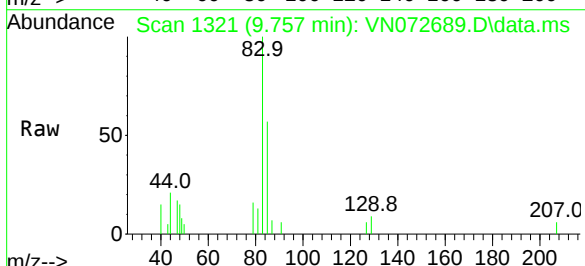
RT: 9.757 min Scan# 1321

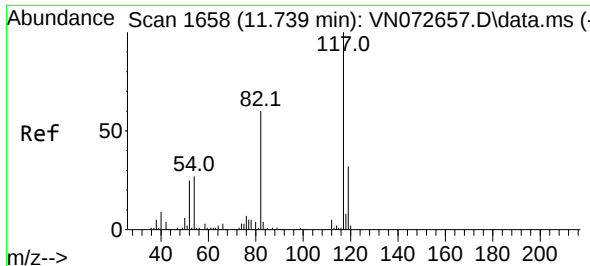
Delta R.T. 0.000 min

Lab File: VN072689.D

Acq: 07 Jun 2022 15:42

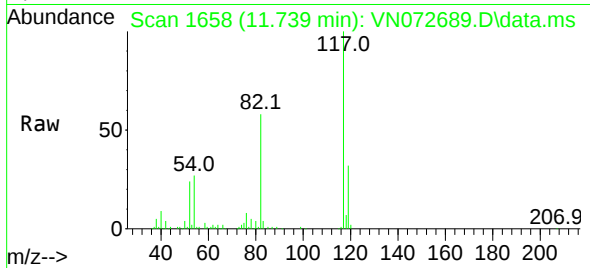
Tgt Ion:	83	Resp:	7027
Ion Ratio	Lower	Upper	
83	100		
85	57.0	54.1	81.1
127	6.4	7.6	11.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN072689.D
Acq: 07 Jun 2022 15:42

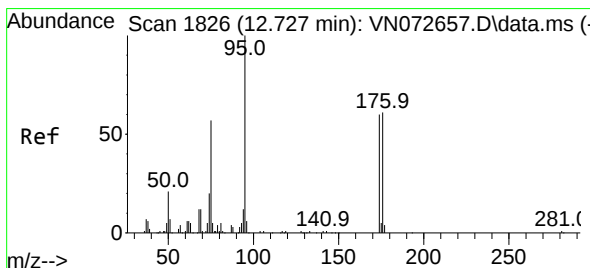
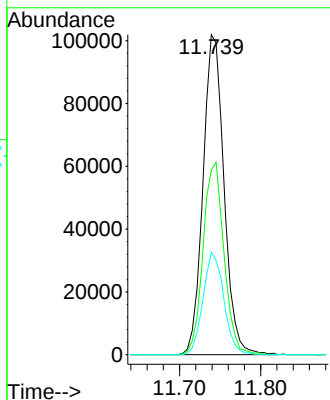
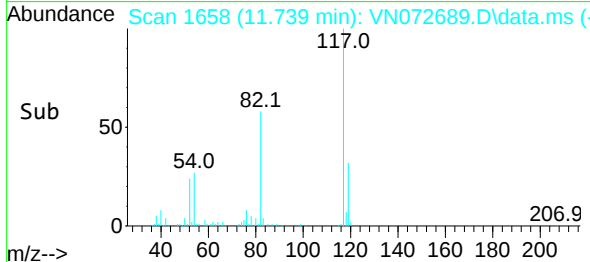
Instrument :
MSVOA_N
ClientSampleId :
14B-3



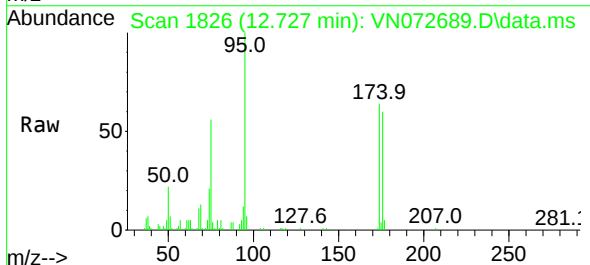
Tgt Ion:117 Resp: 18311
Ion Ratio Lower Upper
117 100
82 59.8 43.6 65.4
119 31.6 25.8 38.6

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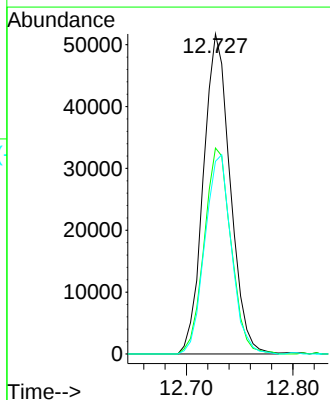
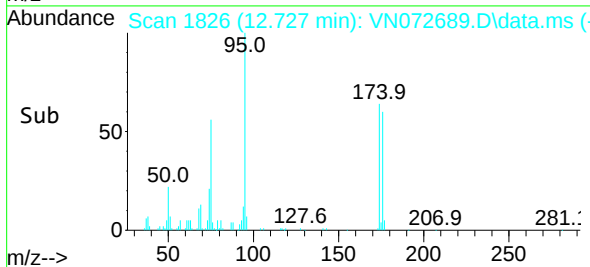
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

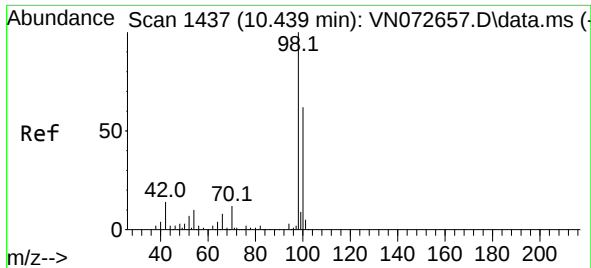


#60
4-Bromofluorobenzene
Concen: 23.998 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072689.D
Acq: 07 Jun 2022 15:42



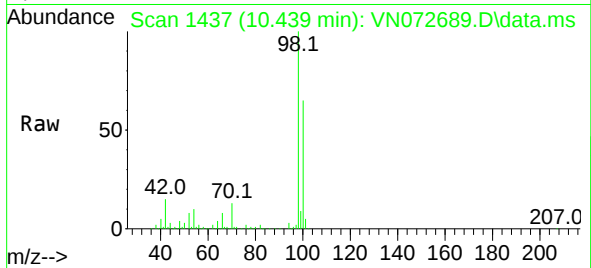
Tgt Ion: 95 Resp: 90380
Ion Ratio Lower Upper
95 100
174 64.3 62.9 94.3
176 61.6 61.0 91.4





#63
Toluene-d8
Concen: 32.248 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072689.D
Acq: 07 Jun 2022 15:42

Instrument :
MSVOA_N
ClientSampleId :
14B-3



Tgt Ion: 98 Resp: 327115
Ion Ratio Lower Upper
98 100
100 64.3 50.6 76.0

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