

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060722\
 Data File : VN072690.D
 Acq On : 07 Jun 2022 16:07
 Operator : JC\MD
 Sample : N3198-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 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 09:52:36 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	39327	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	220255	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	181313	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	138679	30.920	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	103.067%	
60) 4-Bromofluorobenzene	12.727	95	87680	23.512	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	78.367%	
63) Toluene-d8	10.439	98	326929	32.550	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	108.500%	
Target Compounds						
15) Acetone	4.298	58	3066m	5.182	ug/l	Qvalue
25) Chloroform	7.816	83	137503	21.673	ug/l	100
41) Bromodichloromethane	9.763	83	9981	1.992	ug/l #	90

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

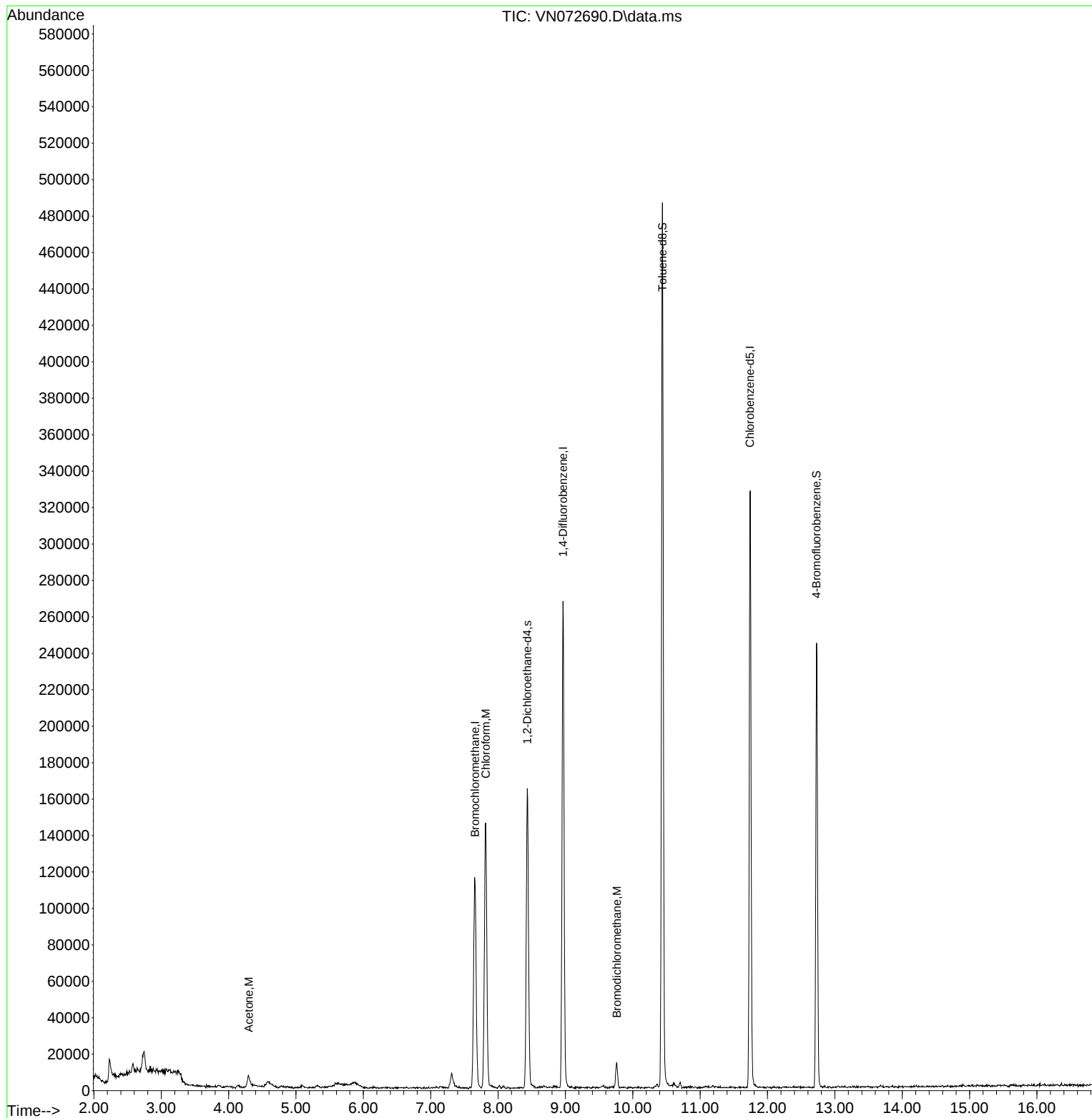
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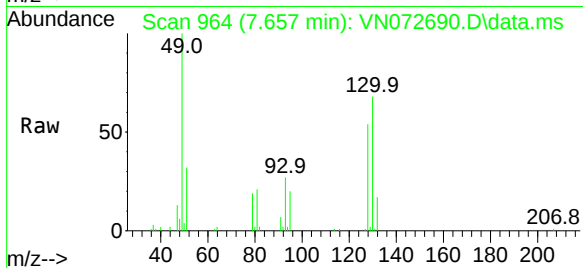
Quant Time: Jun 08 09:52:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jun 06 14:10:15 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN072690.D
Acq: 07 Jun 2022 16:07

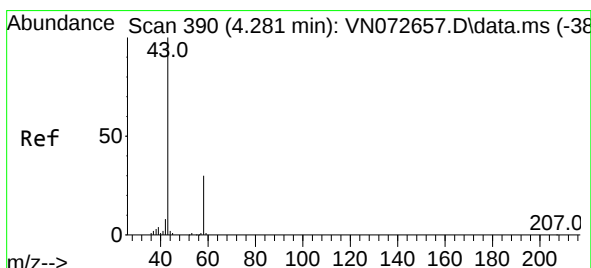
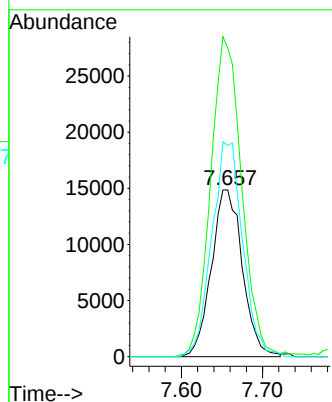
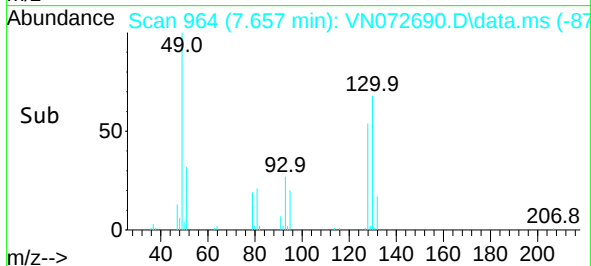
Instrument :
MSVOA_N
ClientSampleId :
14B-4



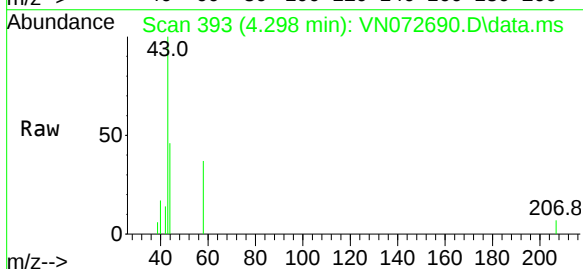
Tgt Ion: 128 Resp: 3932
Ion Ratio Lower Upper
128 100
49 192.1 0.0 392.3
130 128.2 0.0 320.2

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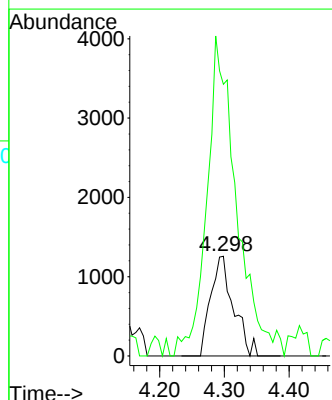
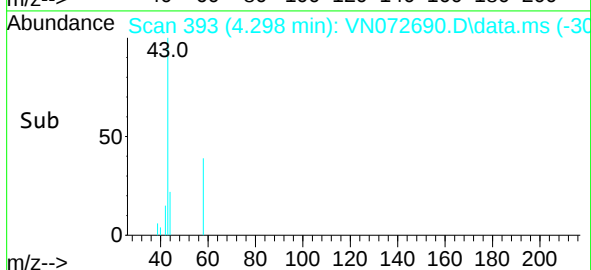
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

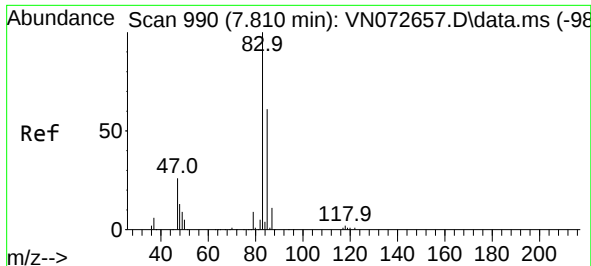


#15
Acetone
Concen: 5.182 ug/l m
RT: 4.298 min Scan# 393
Delta R.T. 0.018 min
Lab File: VN072690.D
Acq: 07 Jun 2022 16:07



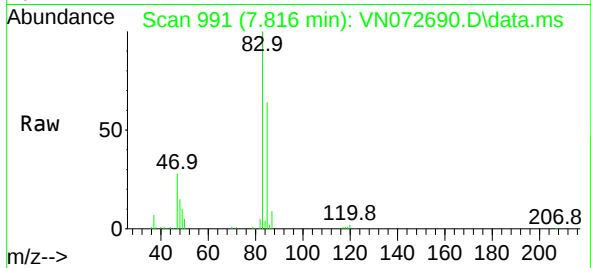
Tgt Ion: 58 Resp: 3066
Ion Ratio Lower Upper
58 100
43 272.6 256.6 384.8





#25
Chloroform
Concen: 21.673 ug/l
RT: 7.816 min Scan# 990
Delta R.T. 0.006 min
Lab File: VN072690.D
Acq: 07 Jun 2022 16:07

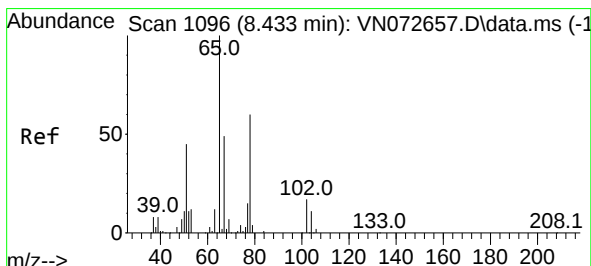
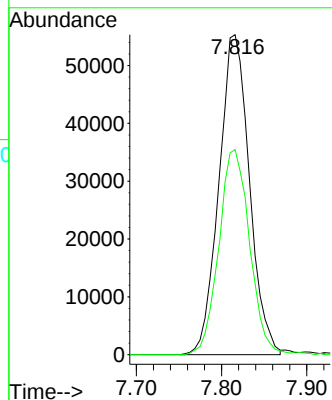
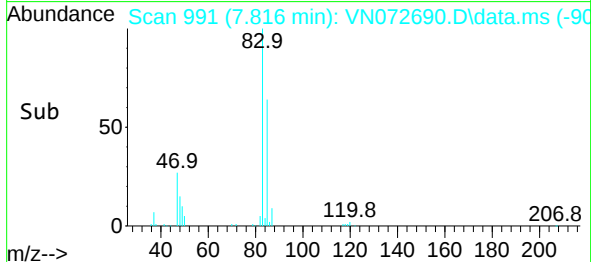
Instrument :
MSVOA_N
ClientSampleId :
14B-4



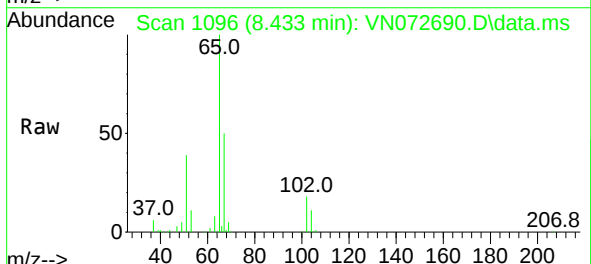
Tgt Ion: 83 Resp: 13750
Ion Ratio Lower Upper
83 100
85 64.1 51.3 76.9

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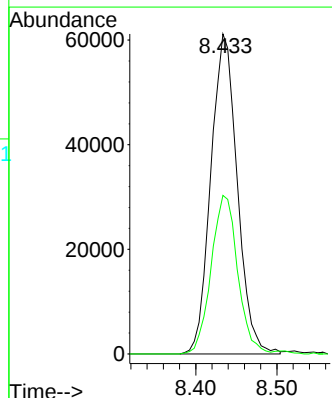
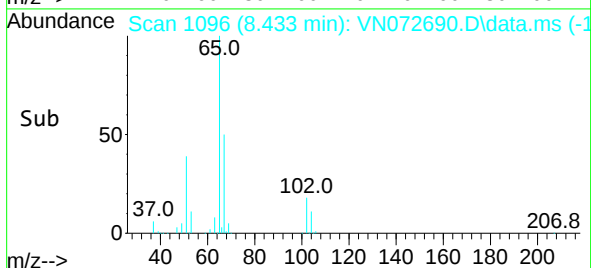
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

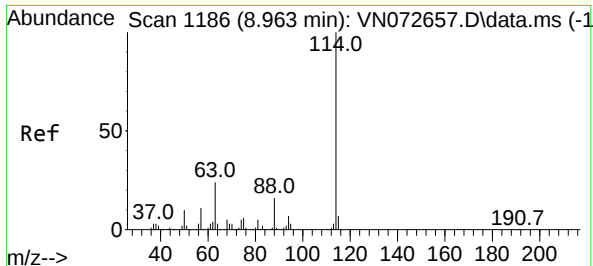


#27
1,2-Dichloroethane-d4
Concen: 30.920 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072690.D
Acq: 07 Jun 2022 16:07



Tgt Ion: 65 Resp: 138679
Ion Ratio Lower Upper
65 100
67 49.6 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: VN072690.D

Acq: 07 Jun 2022 16:07

Instrument :

MSVOA_N

ClientSampleId :

14B-4

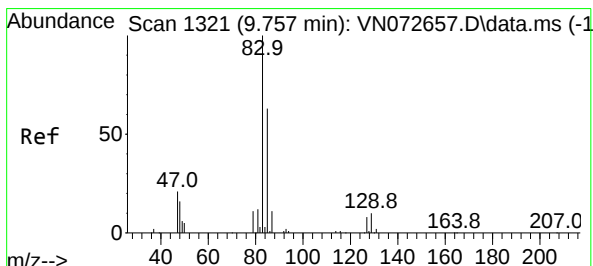
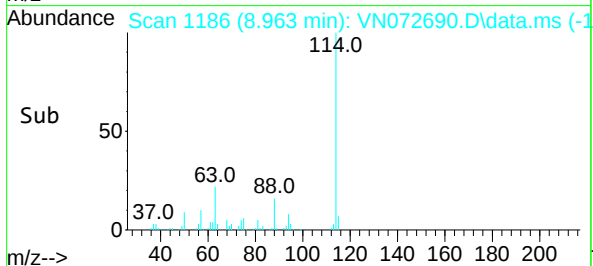
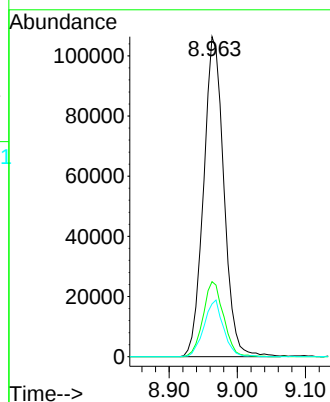
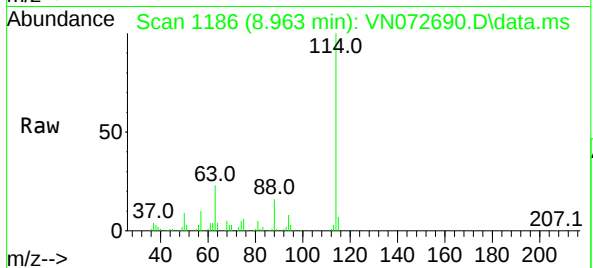
Tgt Ion:	114	Resp:	22025
Ion	Ratio	Lower	Upper
114	100		
63	23.6	15.8	23.6
88	16.8	11.6	17.4

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#41

Bromodichloromethane

Concen: 1.992 ug/l

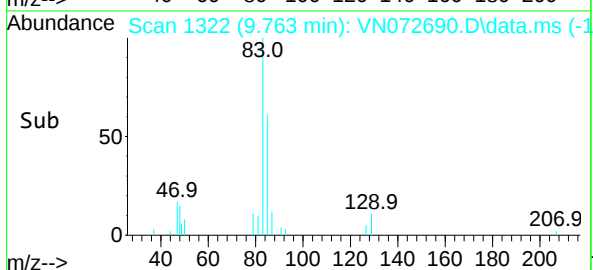
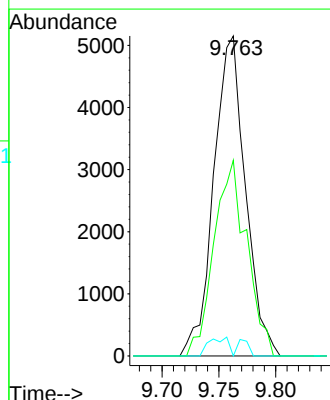
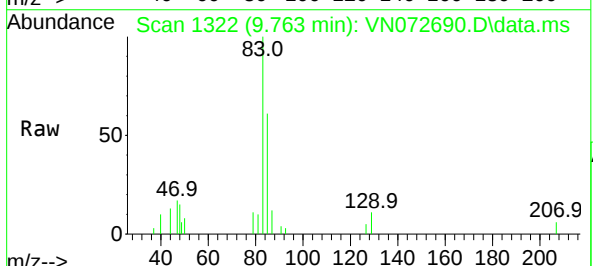
RT: 9.763 min Scan# 1322

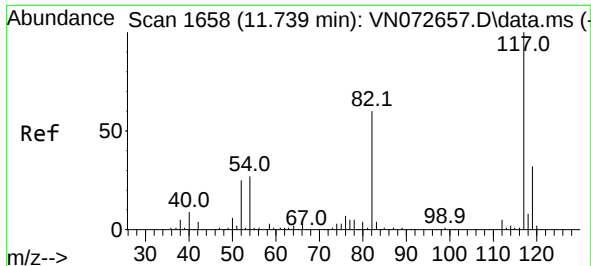
Delta R.T. 0.006 min

Lab File: VN072690.D

Acq: 07 Jun 2022 16:07

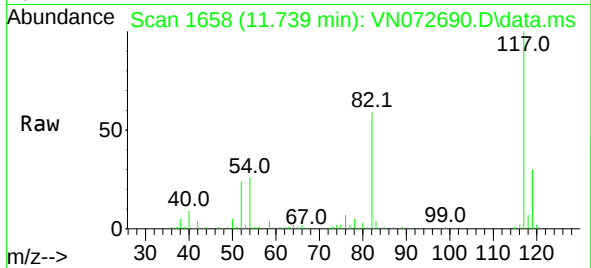
Tgt Ion:	83	Resp:	9981
Ion	Ratio	Lower	Upper
83	100		
85	61.2	54.1	81.1
127	0.0	7.6	11.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072690.D
Acq: 07 Jun 2022 16:07

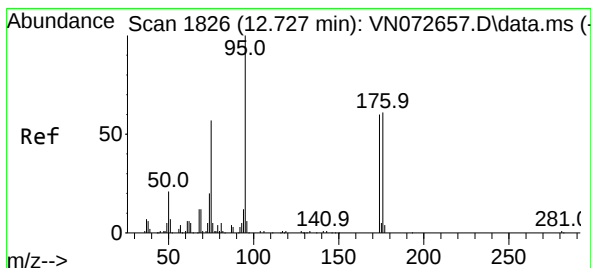
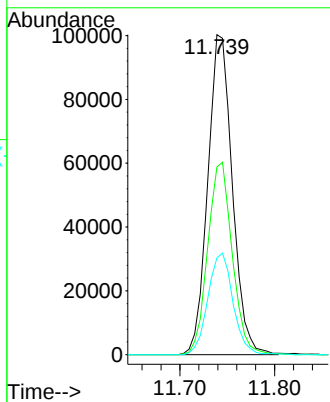
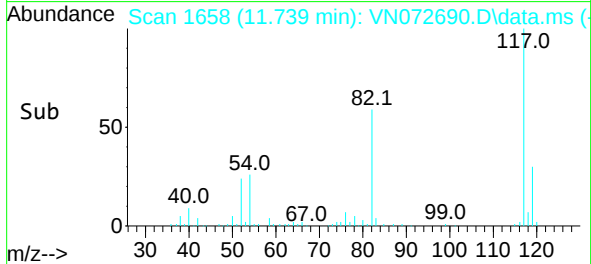
Instrument :
MSVOA_N
ClientSampleId :
14B-4



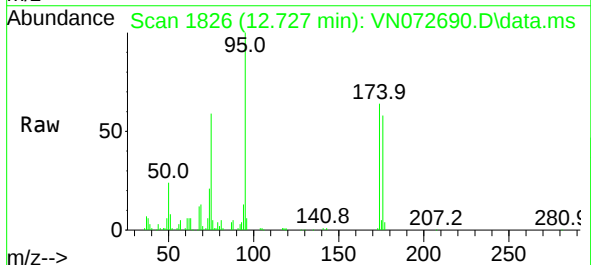
Tgt Ion: 117 Resp: 18131
Ion Ratio Lower Upper
117 100
82 60.1 43.6 65.4
119 32.2 25.8 38.6

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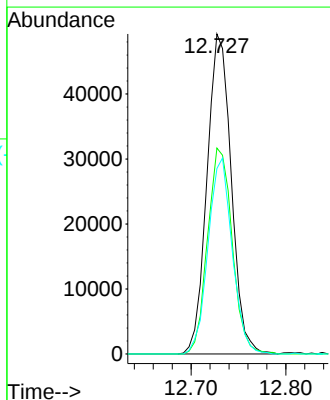
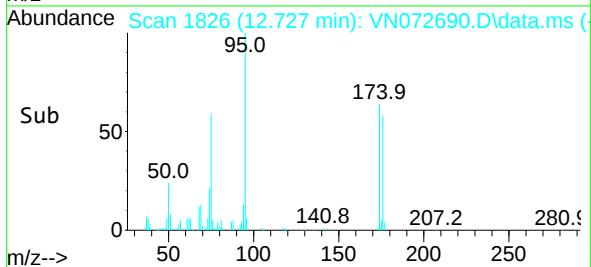
Reviewed By :John Carlone 06/08/2022
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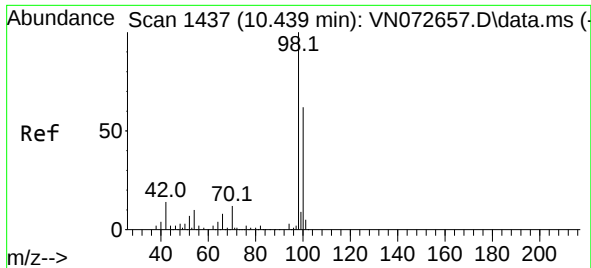


#60
4-Bromofluorobenzene
Concen: 23.512 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072690.D
Acq: 07 Jun 2022 16:07



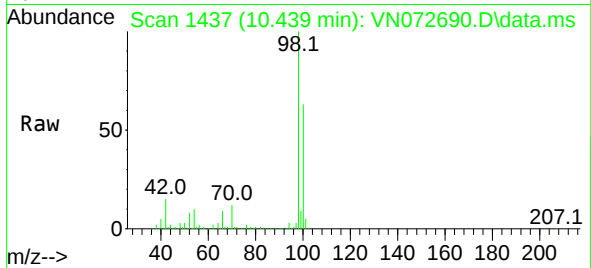
Tgt Ion: 95 Resp: 87680
Ion Ratio Lower Upper
95 100
174 65.2 62.9 94.3
176 60.8 61.0 91.4#





#63
Toluene-d8
Concen: 32.550 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072690.D
Acq: 07 Jun 2022 16:07

Instrument :
MSVOA_N
ClientSampleId :
14B-4



Tgt Ion: 98 Resp: 326929
Ion Ratio Lower Upper
98 100
100 64.0 50.6 76.0

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