

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041124\
 Data File : VN081699.D
 Acq On : 11 Apr 2024 16:14
 Operator : JC\MD
 Sample : P2085-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240410005-02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/12/2024
 Supervised By : Mahesh Dadoda 04/12/2024

Quant Time: Apr 12 06:02:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	22470	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.100	114	136551	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	180426	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	89834	32.543	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	108.467%
60) 4-Bromofluorobenzene	12.853	95	87149	24.568	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	81.900%
63) Toluene-d8	10.571	98	199807	27.608	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	92.033%
Target Compounds						
15) Acetone	4.430	58	6229m	21.414	ug/l	Qvalue
25) Chloroform	7.965	83	16647	2.633	ug/l	89

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

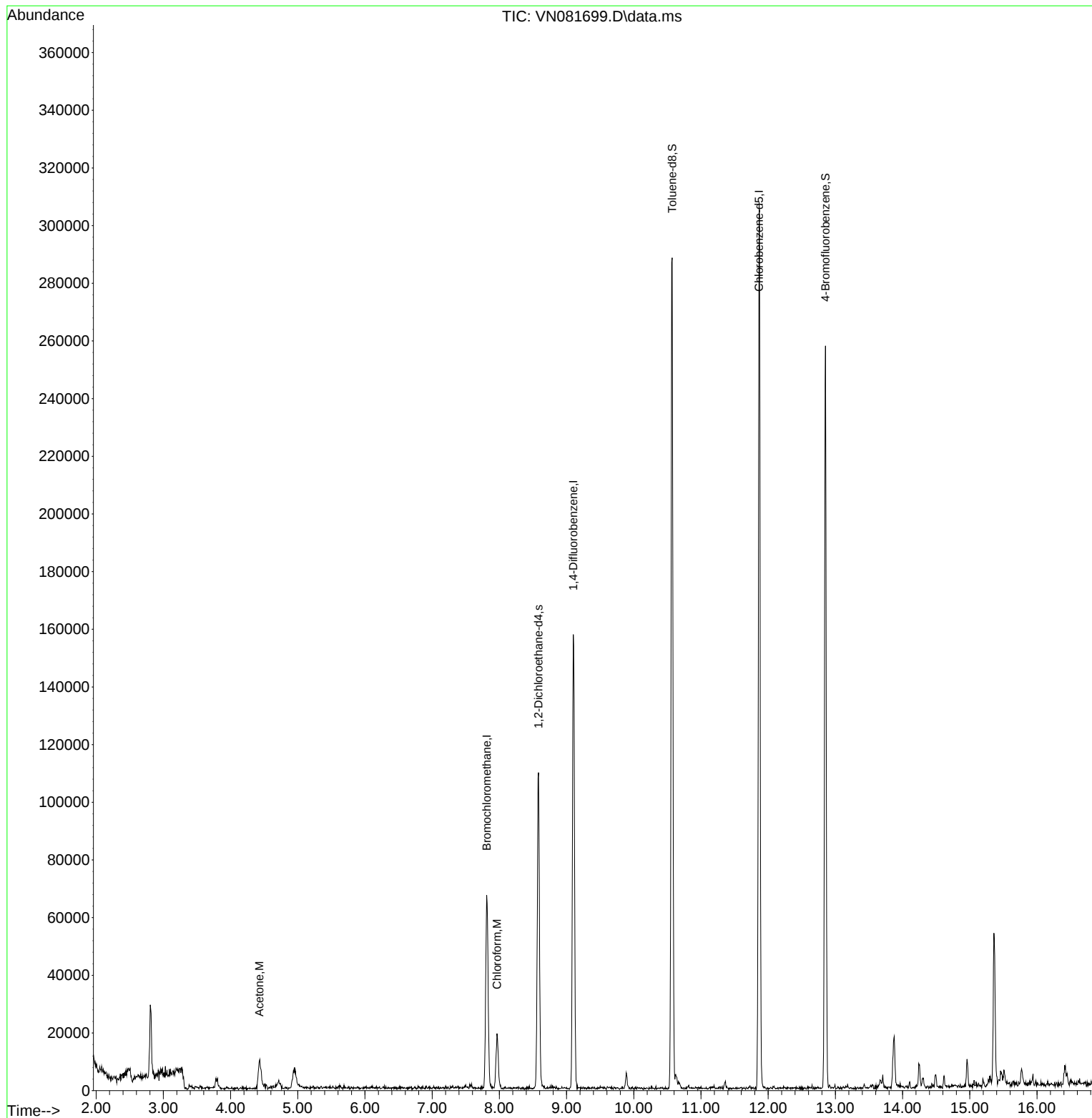
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041124\
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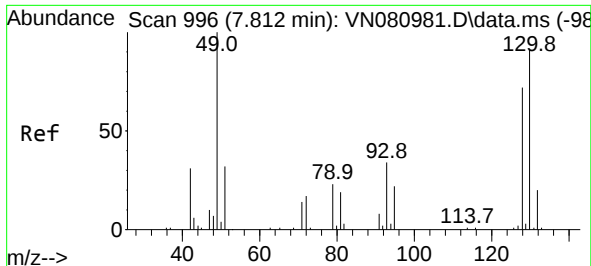
Instrument :
MSVOA_N
ClientSampleId :
240410005-02

Quant Time: Apr 12 06:02:39 2024
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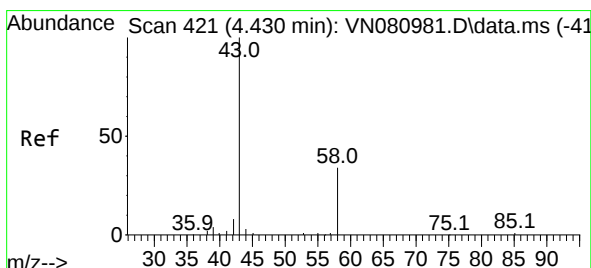
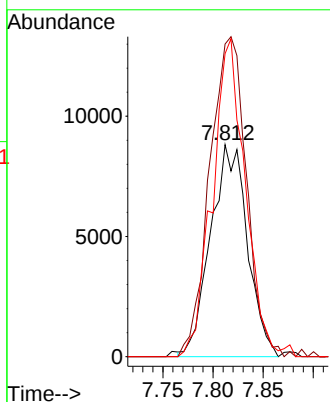
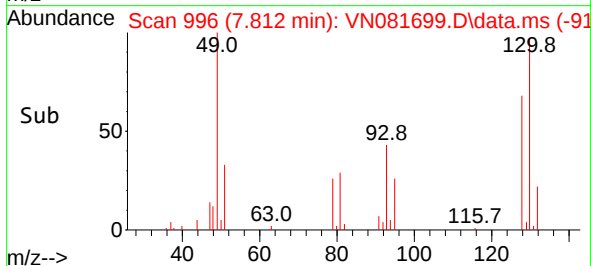
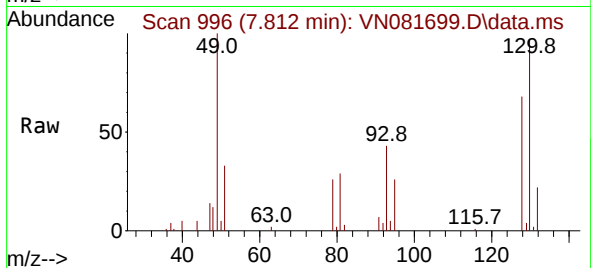
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.012 min
Lab File: VN081699.D
Acq: 11 Apr 2024 16:14

Instrument :
MSVOA_N
ClientSampleId :
240410005-02

Tgt Ion:128 Resp: 22470
Ion Ratio Lower Upper
128 100
49 150.5 0.0 403.7
130 134.0 0.0 323.3

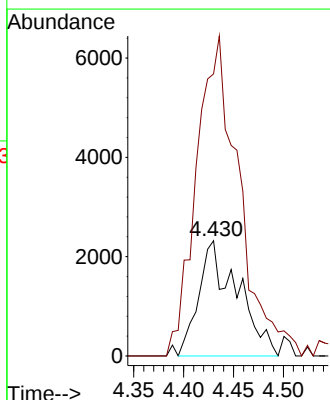
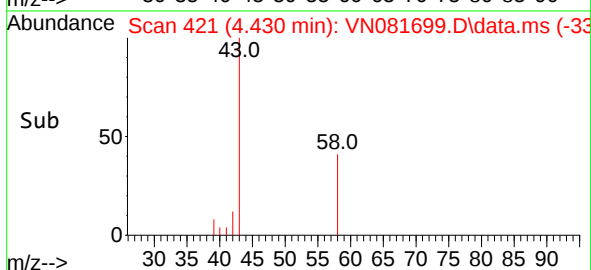
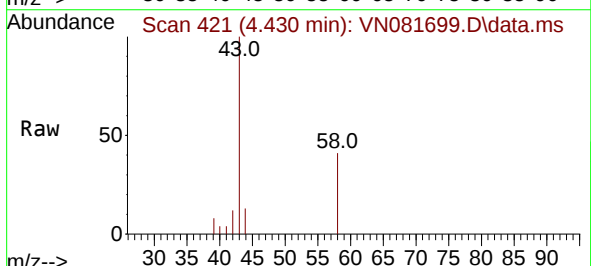
Manual Integrations
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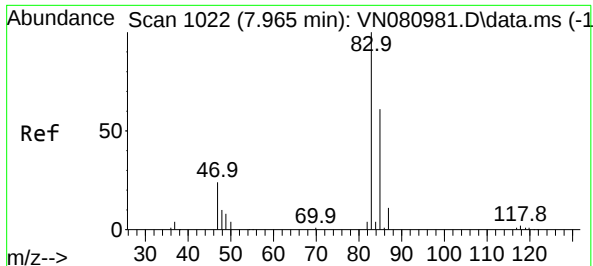
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#15
Acetone
Concen: 21.414 ug/l m
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081699.D
Acq: 11 Apr 2024 16:14

Tgt Ion: 58 Resp: 6229
Ion Ratio Lower Upper
58 100
43 245.0 223.1 334.7





#25

Chloroform

Concen: 2.633 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN081699.D

Acq: 11 Apr 2024 16:14

Instrument :

MSVOA_N

ClientSampleId :

240410005-02

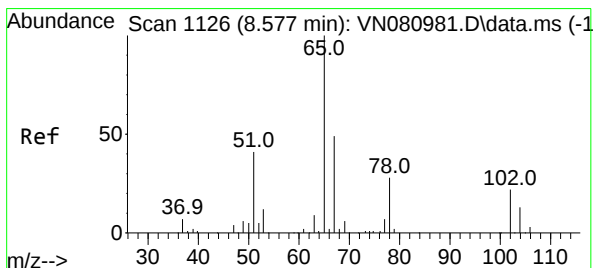
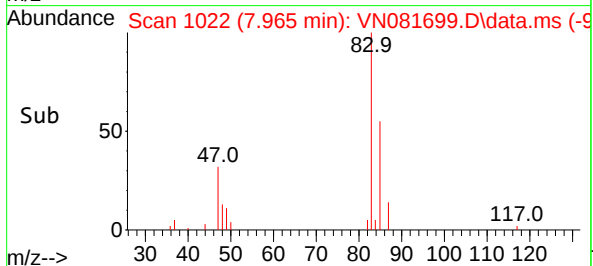
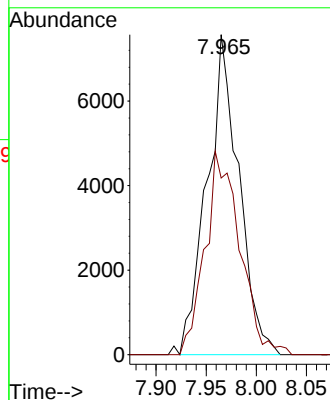
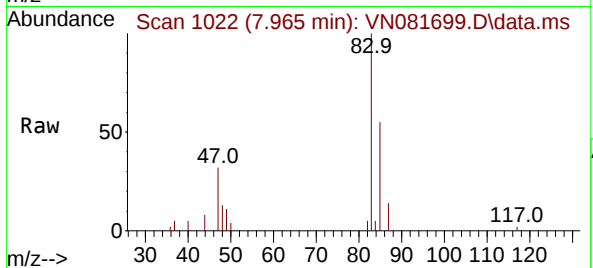
Tgt Ion: 83 Resp: 1664
 Ion Ratio Lower Upper
 83 100
 85 55.2 50.9 76.3

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Supervised By :Mahesh Dadoda 04/12/2024



#27

1,2-Dichloroethane-d4

Concen: 32.543 ug/l

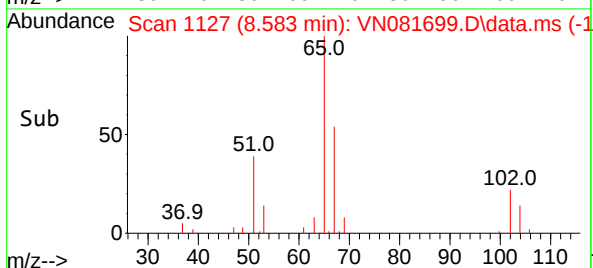
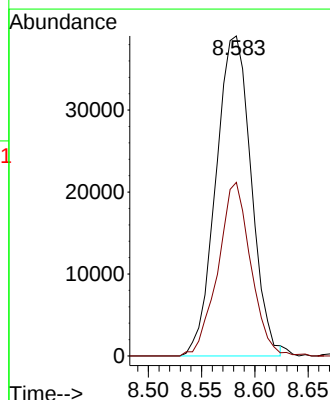
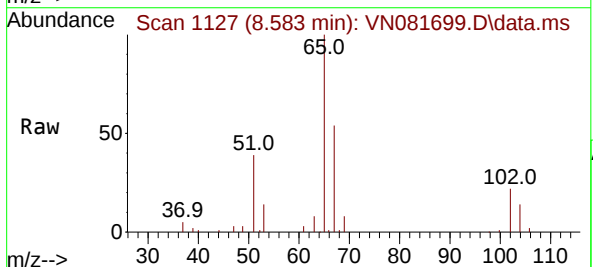
RT: 8.583 min Scan# 1127

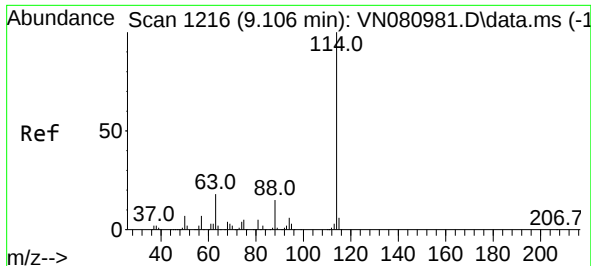
Delta R.T. 0.000 min

Lab File: VN081699.D

Acq: 11 Apr 2024 16:14

Tgt Ion: 65 Resp: 89834
 Ion Ratio Lower Upper
 65 100
 67 50.4 43.2 64.8





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081699.D
Acq: 11 Apr 2024 16:14

Instrument :

MSVOA_N

ClientSampleId :

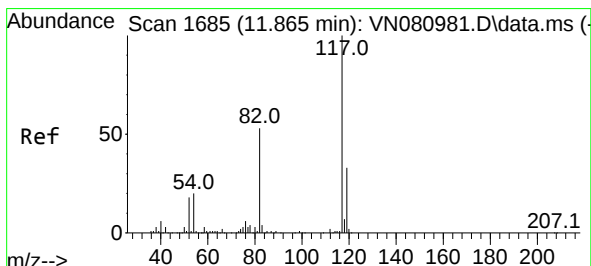
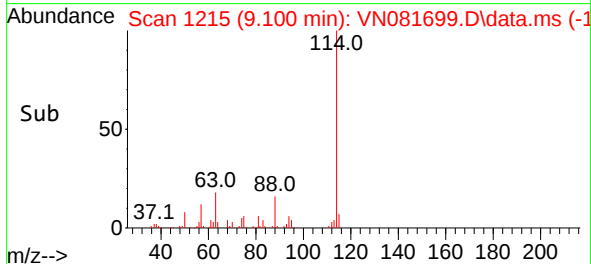
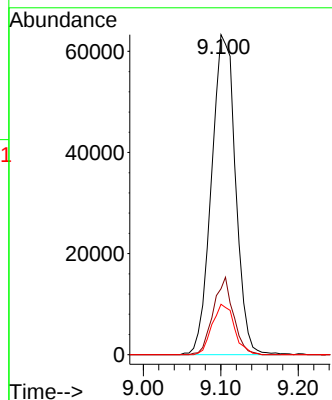
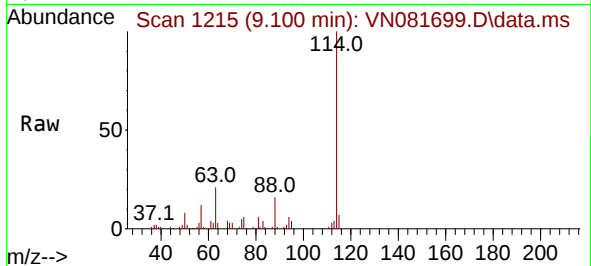
240410005-02

Tgt Ion:114 Resp: 13655
Ion Ratio Lower Upper
114 100
63 20.2 15.9 23.9
88 14.7 12.7 19.1

Manual Integrations

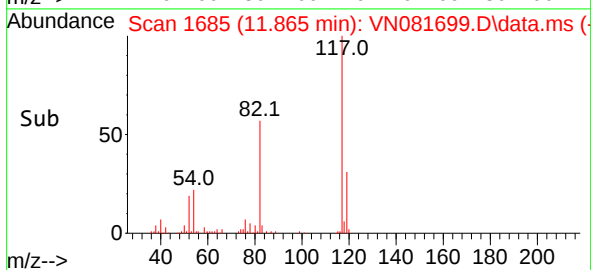
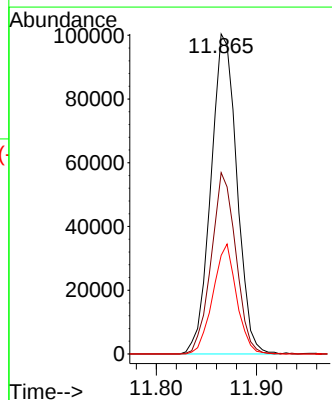
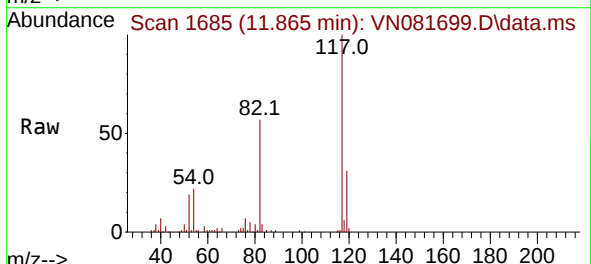
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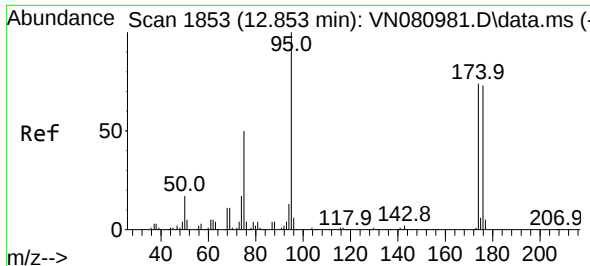
Reviewed By :John Carlone 04/12/2024
Supervised By :Mahesh Dadoda 04/12/2024



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081699.D
Acq: 11 Apr 2024 16:14

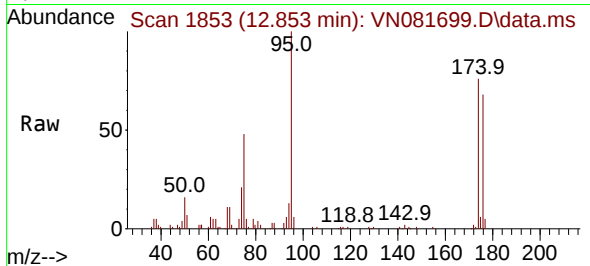
Tgt Ion:117 Resp: 180426
Ion Ratio Lower Upper
117 100
82 53.7 46.6 69.8
119 31.4 25.4 38.2





#60
4-Bromofluorobenzene
Concen: 24.568 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081699.D
Acq: 11 Apr 2024 16:14

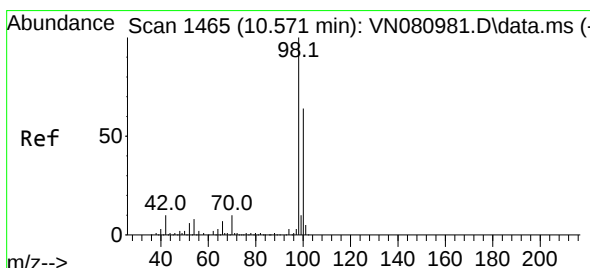
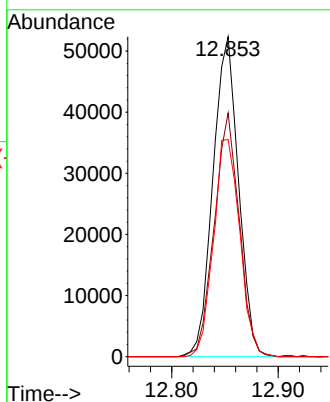
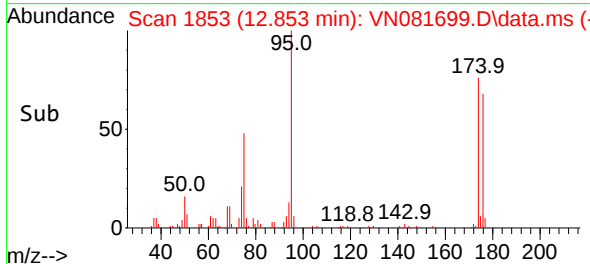
Instrument :
MSVOA_N
ClientSampleId :
240410005-02



Tgt Ion: 95 Resp: 87149
Ion Ratio Lower Upper
95 100
174 74.4 60.5 90.7
176 70.0 57.8 86.6

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Supervised By :Mahesh Dadoda 04/12/2024



#63
Toluene-d8
Concen: 27.608 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081699.D
Acq: 11 Apr 2024 16:14

Tgt Ion: 98 Resp: 199807
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1

