

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060325\
 Data File : VN086851.D
 Acq On : 03 Jun 2025 18:36
 Operator : JC\MD
 Sample : PB168225ZHE#12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168225ZHE#12

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/04/2025
 Supervised By : Mahesh Dadoda 06/04/2025

Quant Time: Jun 04 02:04:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.865	168	213795m	50.000	ug/l	-0.36
34) 1,4-Difluorobenzene	8.859	114	412766	50.000	ug/l	-0.24
63) Chlorobenzene-d5	11.812	117	376764m	50.000	ug/l	-0.05
72) 1,4-Dichlorobenzene-d4	13.776	152	159505	50.000	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.253	65	147608	49.965	ug/l	-0.32
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.920%		
35) Dibromofluoromethane	7.782	113	129193	52.556	ug/l	-0.38
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.120%		
50) Toluene-d8	10.447	98	522810	51.322	ug/l	-0.12
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.640%		
62) 4-Bromofluorobenzene	12.823	95	184136m	51.192	ug/l	-0.02
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.380%		
Target Compounds					Qvalue	
16) Acetone	3.406	43	38777m	35.090	ug/l	
18) Methyl Acetate	4.006	43	30911m	9.994	ug/l	
20) Methylene Chloride	4.265	84	7056m	2.420	ug/l	
37) Ethyl Acetate	7.059	43	26860m	7.333	ug/l	
43) Isopropyl Acetate	8.400	43	16324	2.223	ug/l	93

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

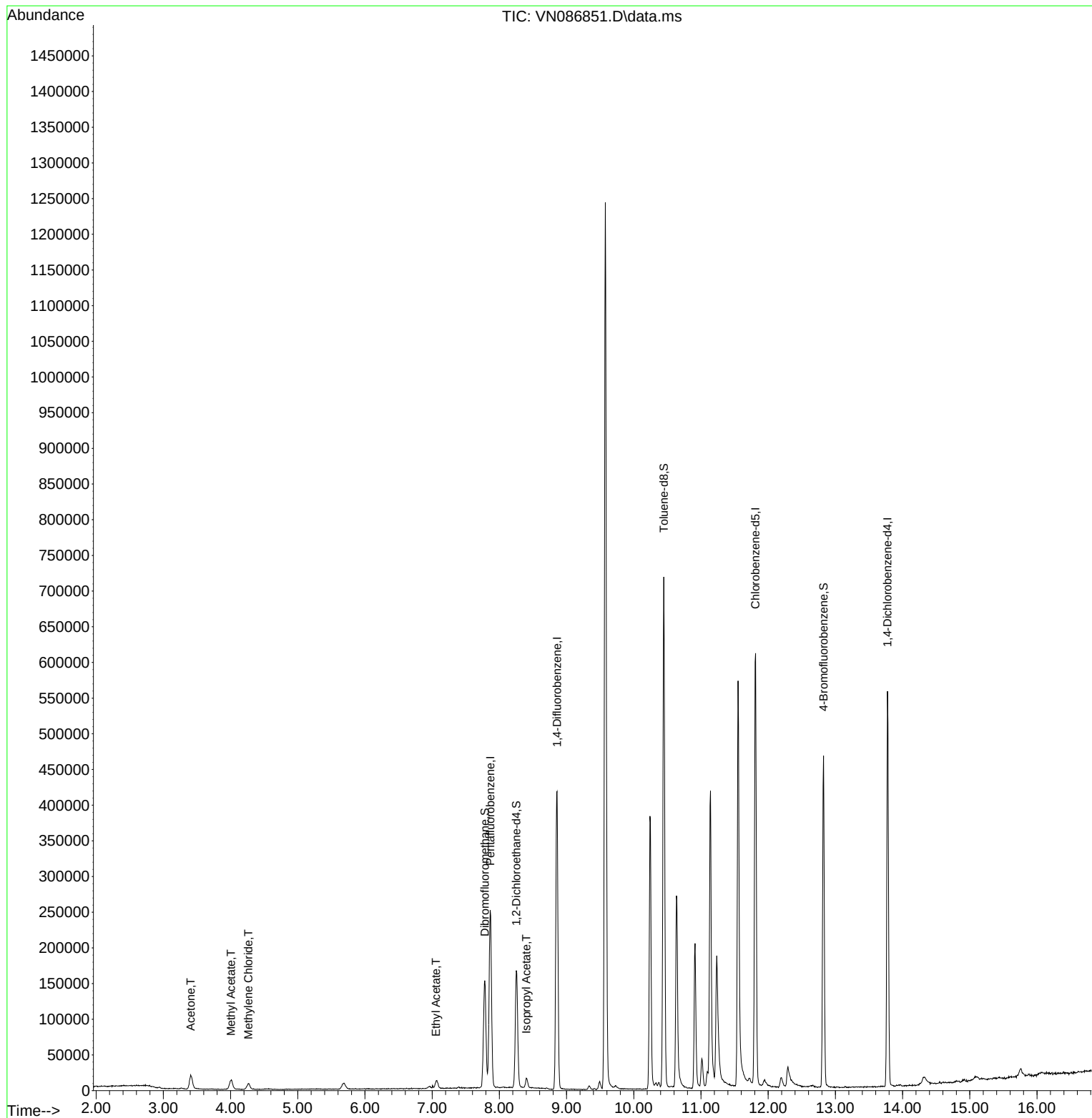
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060325\
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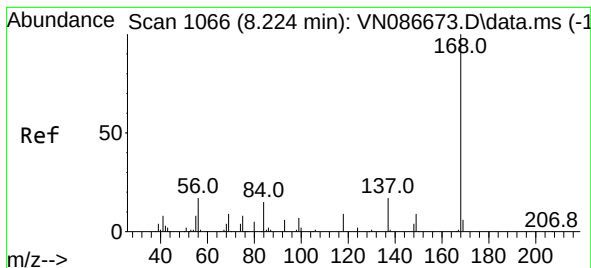
Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#12

Quant Time: Jun 04 02:04:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
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#1

Pentafluorobenzene

Concen: 50.000 ug/l m

RT: 7.865 min Scan# 1

Delta R.T. -0.359 min

Lab File: VN086851.D

Acq: 03 Jun 2025 18:36

Instrument :

MSVOA_N

ClientSampleId :

PB168225ZHE#12

Tgt Ion:168 Resp: 21379

Ion Ratio Lower Upper

168 100

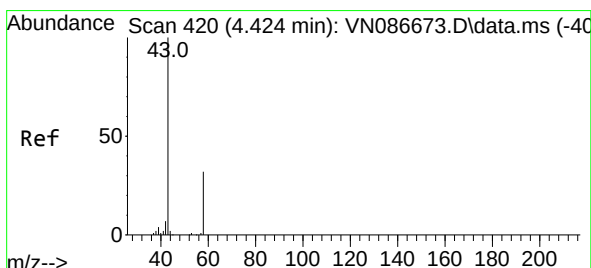
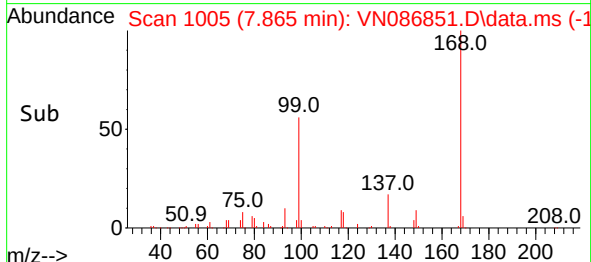
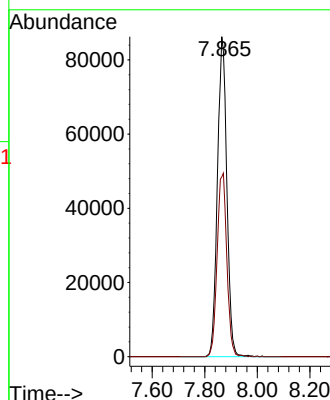
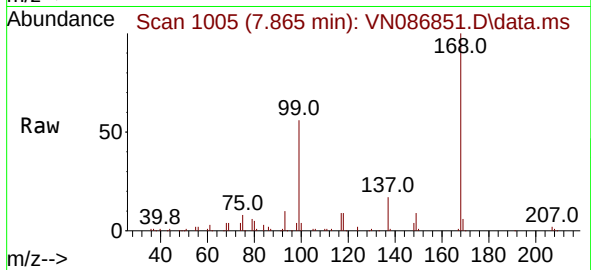
99 56.2 47.0 70.4

Manual Integrations

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#16

Acetone

Concen: 35.090 ug/l m

RT: 3.406 min Scan# 247

Delta R.T. -1.018 min

Lab File: VN086851.D

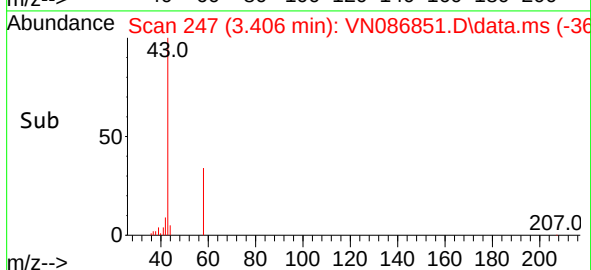
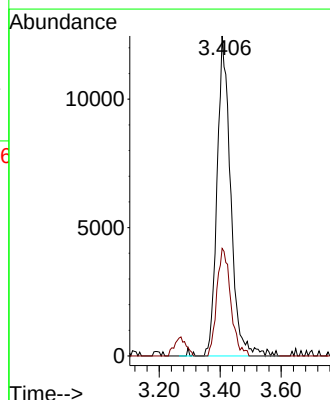
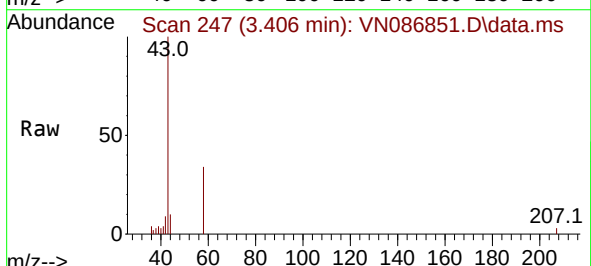
Acq: 03 Jun 2025 18:36

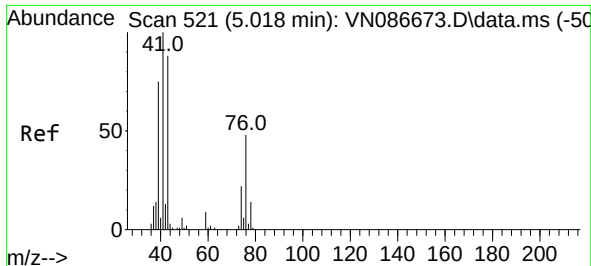
Tgt Ion: 43 Resp: 38777

Ion Ratio Lower Upper

43 100

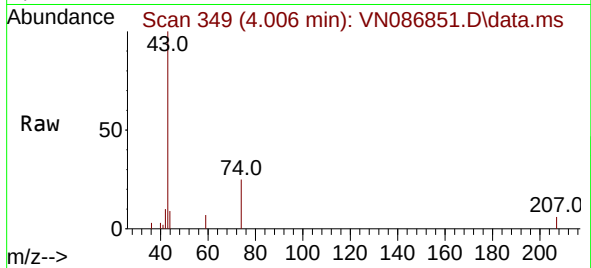
58 33.6 25.8 38.6





#18
Methyl Acetate
Concen: 9.994 ug/l m
RT: 4.006 min Scan# 349
Delta R.T. -1.012 min
Lab File: VN086851.D
Acq: 03 Jun 2025 18:36

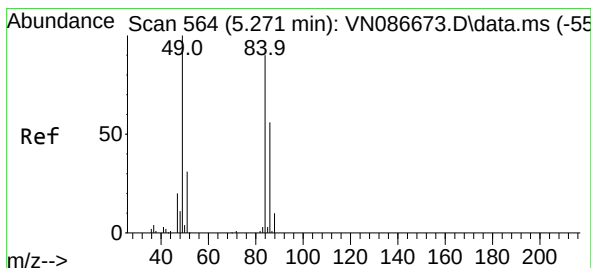
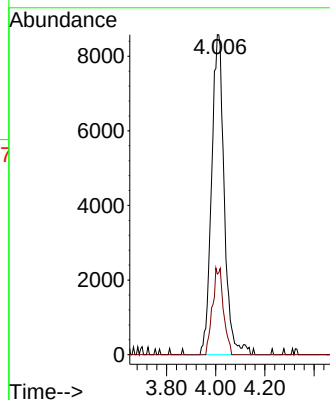
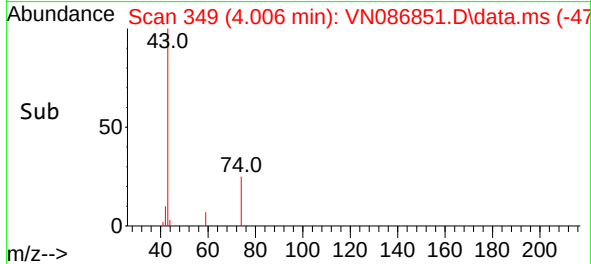
Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#12



Tgt Ion: 43 Resp: 3091
Ion Ratio Lower Upper
43 100
74 0.0 20.5 30.7

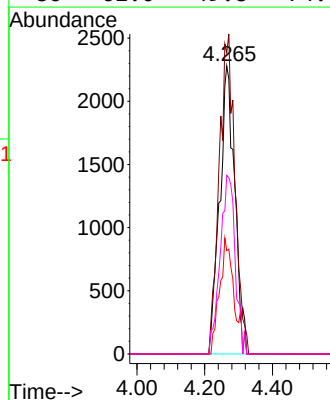
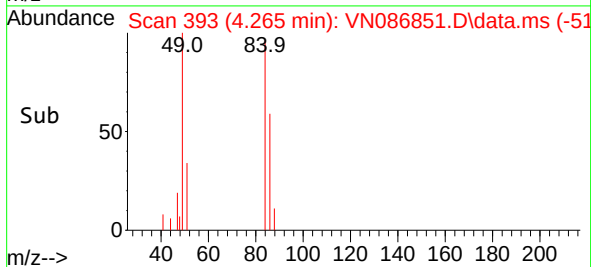
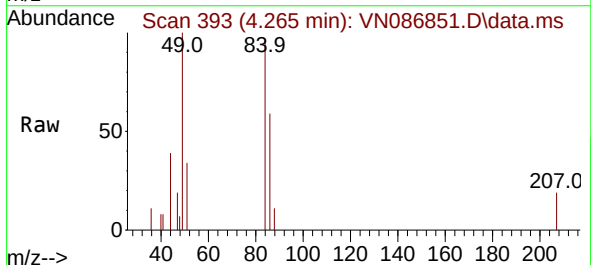
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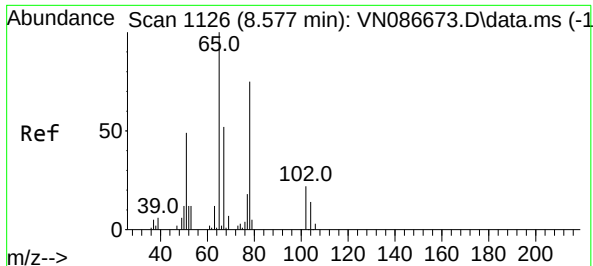
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#20
Methylene Chloride
Concen: 2.420 ug/l m
RT: 4.265 min Scan# 393
Delta R.T. -1.006 min
Lab File: VN086851.D
Acq: 03 Jun 2025 18:36

Tgt Ion: 84 Resp: 7056
Ion Ratio Lower Upper
84 100
49 104.6 88.8 133.2
51 35.9 27.8 41.6
86 62.0 49.8 74.6





#33

1,2-Dichloroethane-d4

Concen: 49.965 ug/l

RT: 8.253 min Scan# 1107

Delta R.T. -0.324 min

Lab File: VN086851.D

Acq: 03 Jun 2025 18:36

Instrument :

MSVOA_N

ClientSampleId :

PB168225ZHE#12

Tgt Ion: 65 Resp: 147608

Ion Ratio Lower Upper

65 100

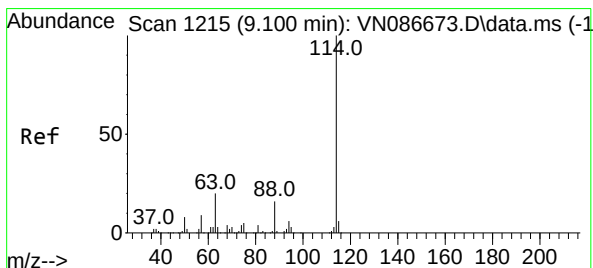
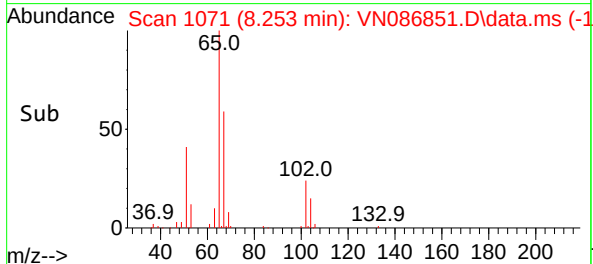
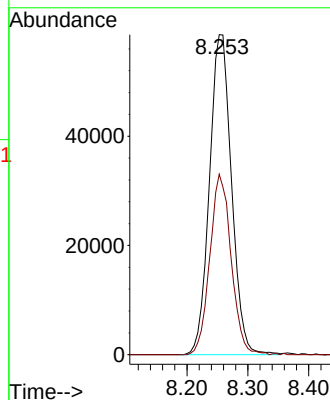
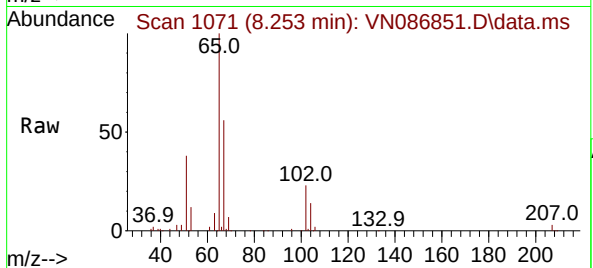
67 54.4 0.0 106.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.859 min Scan# 1174

Delta R.T. -0.241 min

Lab File: VN086851.D

Acq: 03 Jun 2025 18:36

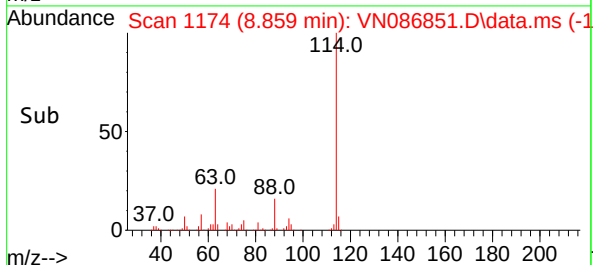
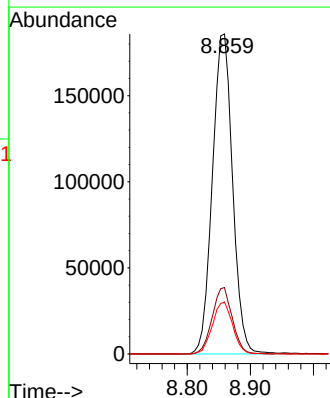
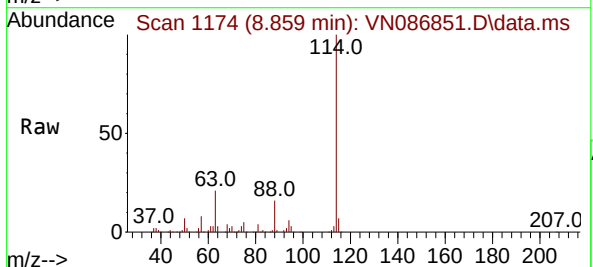
Tgt Ion:114 Resp: 412766

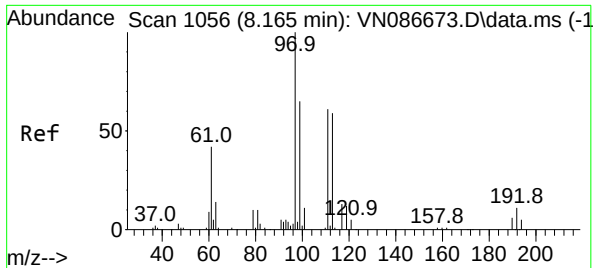
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.2

88 16.3 0.0 31.2





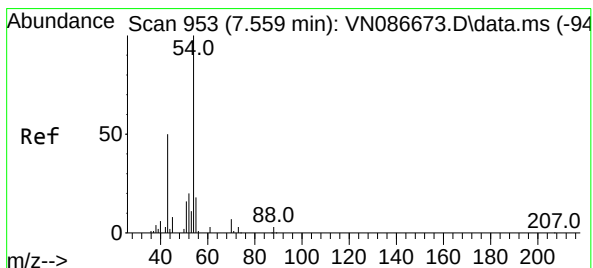
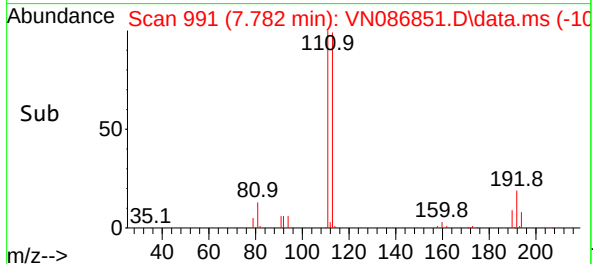
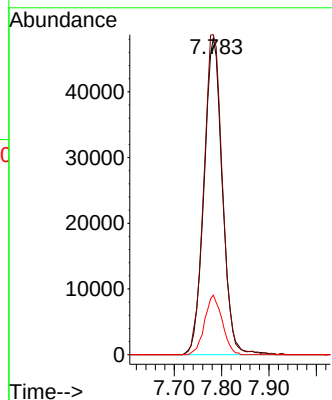
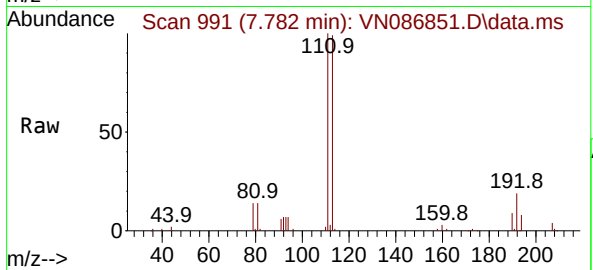
#35
Dibromofluoromethane
Concen: 52.556 ug/l
RT: 7.782 min Scan# 911
Delta R.T. -0.382 min
Lab File: VN086851.D
Acq: 03 Jun 2025 18:36

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#12

Tgt Ion:113 Resp: 12919
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 18.1 13.8 20.8

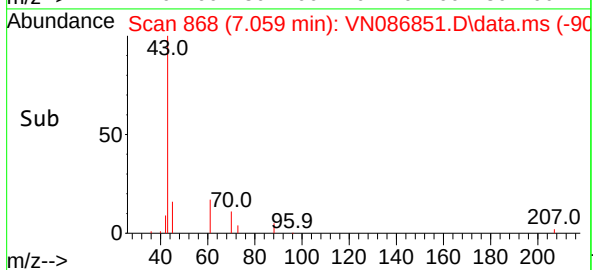
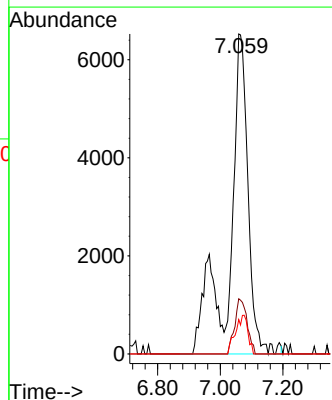
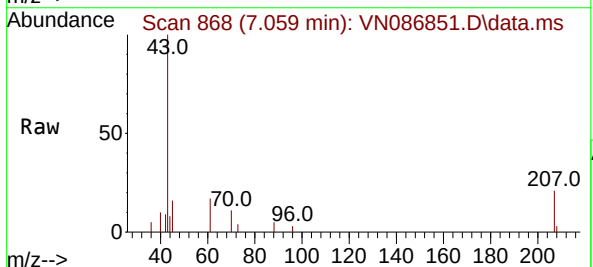
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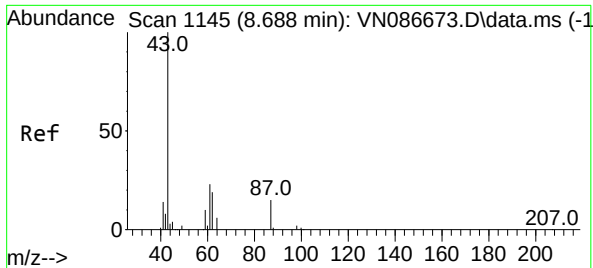
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#37
Ethyl Acetate
Concen: 7.333 ug/l m
RT: 7.059 min Scan# 868
Delta R.T. -0.500 min
Lab File: VN086851.D
Acq: 03 Jun 2025 18:36

Tgt Ion: 43 Resp: 26860
Ion Ratio Lower Upper
43 100
61 0.0 11.6 17.4#
70 0.0 9.4 14.0#





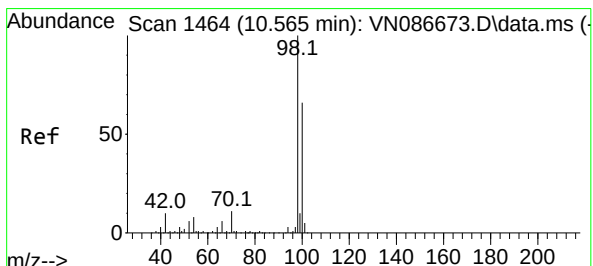
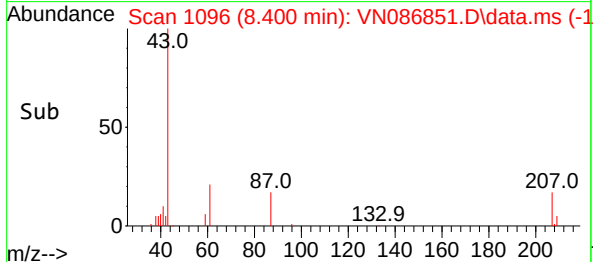
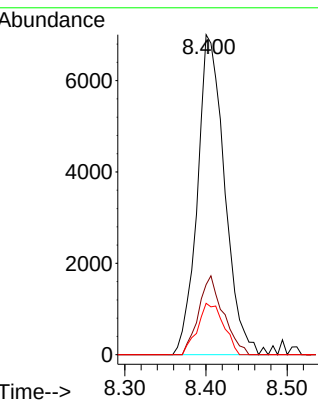
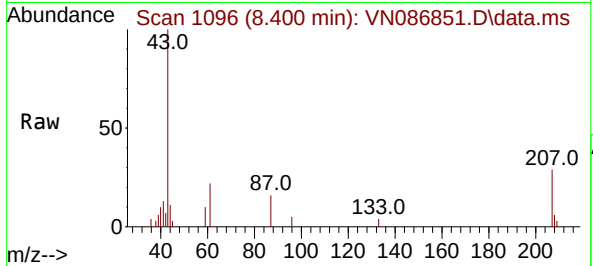
#43
Isopropyl Acetate
Concen: 2.223 ug/l
RT: 8.400 min Scan# 1096
Delta R.T. -0.288 min
Lab File: VN086851.D
Acq: 03 Jun 2025 18:36

Instrument : MSVOA_N
ClientSampleId : PB168225ZHE#12

Tgt Ion: 43 Resp: 16324
Ion Ratio Lower Upper
43 100
61 22.3 21.4 32.2
87 15.3 11.1 16.7

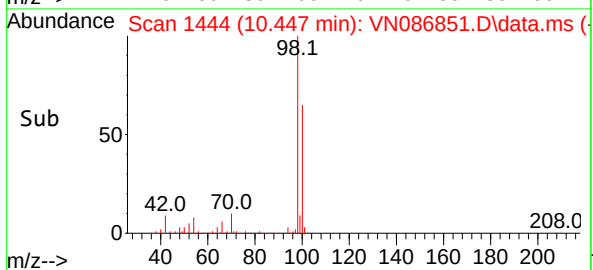
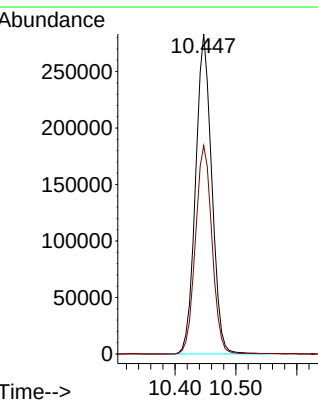
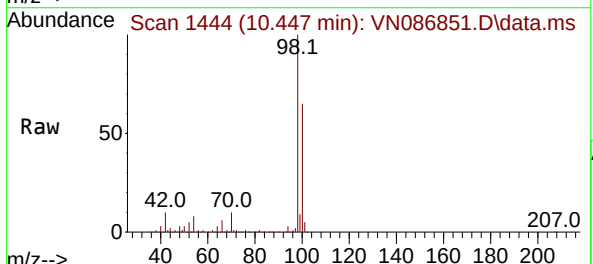
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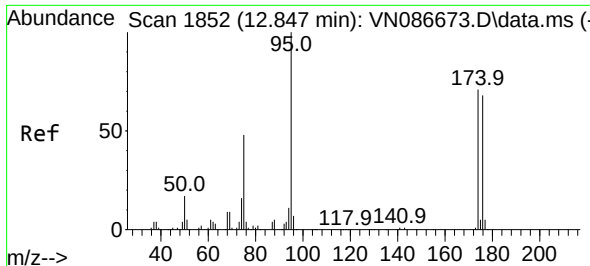
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#50
Toluene-d8
Concen: 51.322 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.118 min
Lab File: VN086851.D
Acq: 03 Jun 2025 18:36

Tgt Ion: 98 Resp: 522810
Ion Ratio Lower Upper
98 100
100 66.5 52.9 79.3





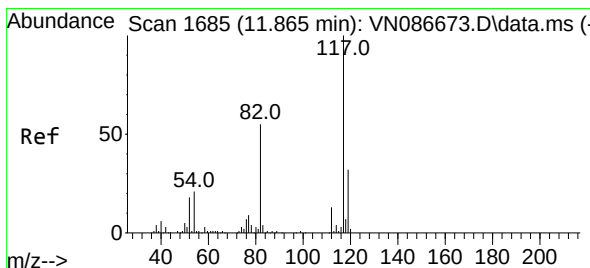
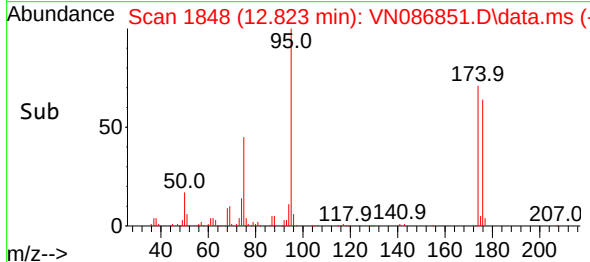
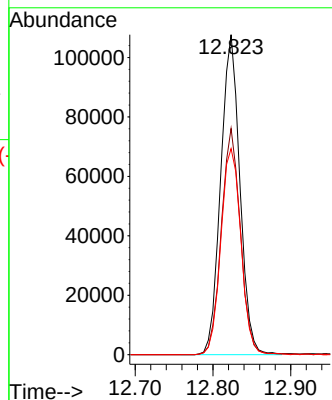
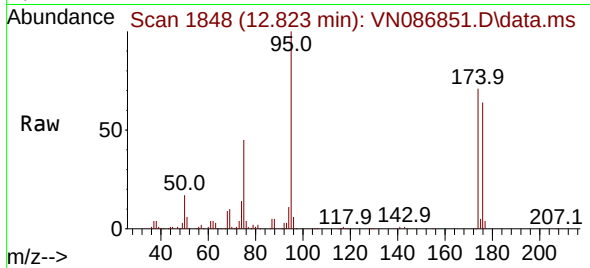
#62
4-Bromofluorobenzene
Concen: 51.192 ug/l m
RT: 12.823 min Scan# 1848
Delta R.T. -0.024 min
Lab File: VN086851.D
Acq: 03 Jun 2025 18:36

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#12

Tgt Ion: 95 Resp: 184130
Ion Ratio Lower Upper
95 100
174 0.0 0.0 145.4
176 0.0 0.0 137.8

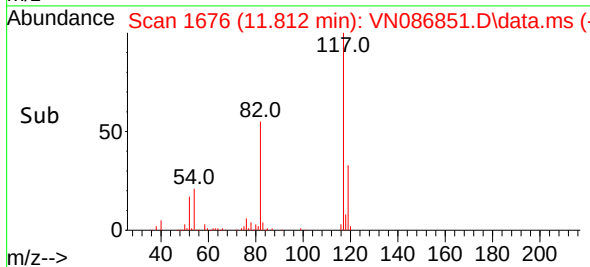
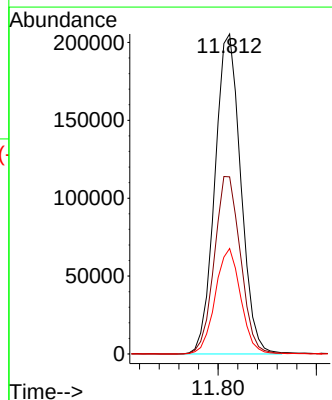
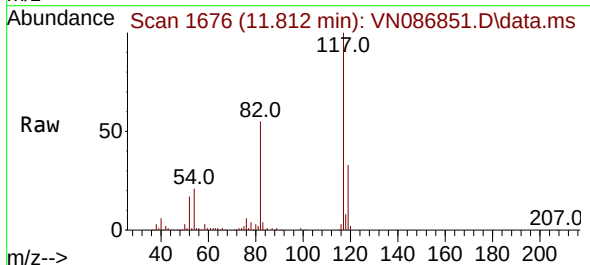
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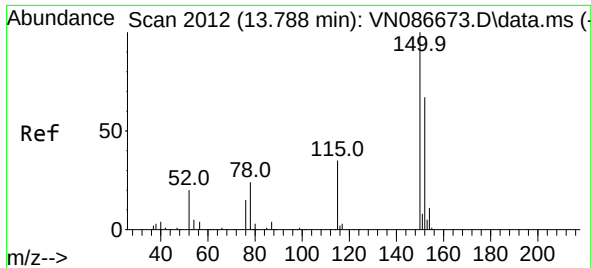
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l m
RT: 11.812 min Scan# 1676
Delta R.T. -0.053 min
Lab File: VN086851.D
Acq: 03 Jun 2025 18:36

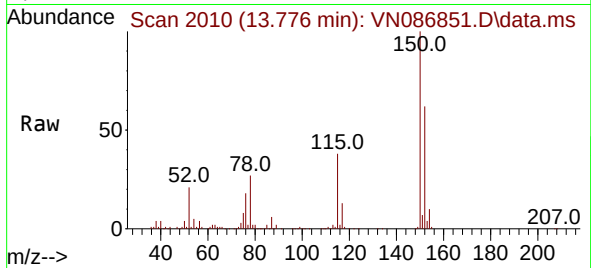
Tgt Ion:117 Resp: 376764
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.2
119 32.9 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.776 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: VN086851.D
 Acq: 03 Jun 2025 18:36

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168225ZHE#12



Tgt Ion:152 Resp: 15950
 Ion Ratio Lower Upper
 152 100
 115 60.9 30.0 90.1
 150 156.2 0.0 347.8

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