

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
 Data File : VN086699.D
 Acq On : 19 May 2025 19:05
 Operator : JC\MD
 Sample : PB168034ZHE#16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168034ZHE#16

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/21/2025
 Supervised By : Mahesh Dadoda 05/21/2025

Quant Time: May 20 03:23:44 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	8.224	168	171807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	336700	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	325897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	126604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125936	53.047	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	=	106.100%	
35) Dibromofluoromethane	8.165	113	103210	51.471	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	=	102.940%	
50) Toluene-d8	10.565	98	439776	52.924	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	=	105.840%	
62) 4-Bromofluorobenzene	12.847	95	147259	50.189	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery	=	100.380%	
Target Compounds						Qvalue
16) Acetone	4.436	43	26206	29.509	ug/l	99
18) Methyl Acetate	5.024	43	4181	1.682	ug/l #	77
20) Methylene Chloride	5.283	84	4381	1.869	ug/l	98
43) Isopropyl Acetate	8.688	43	40038m	6.685	ug/l	

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

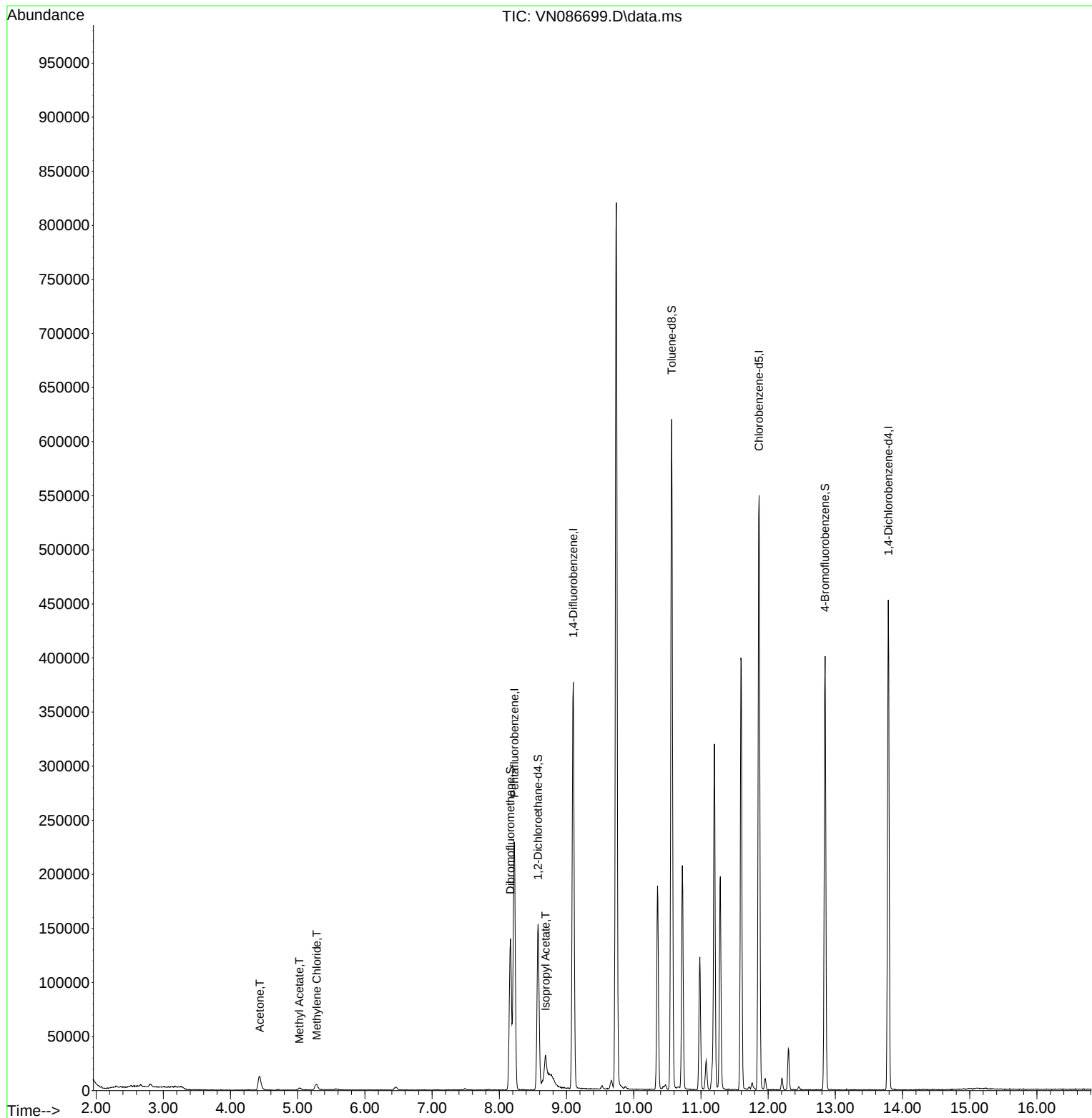
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
Data File : VN086699.D
Acq On : 19 May 2025 19:05
Operator : JC\MD
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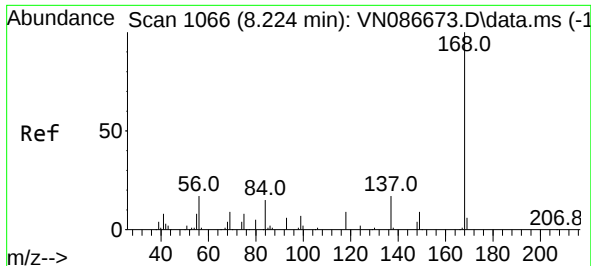
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#16

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Supervised By :Mahesh Dadoda 05/21/2025

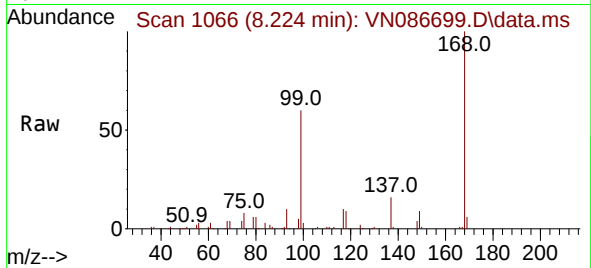
Quant Time: May 20 03:23:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086699.D
Acq: 19 May 2025 19:05

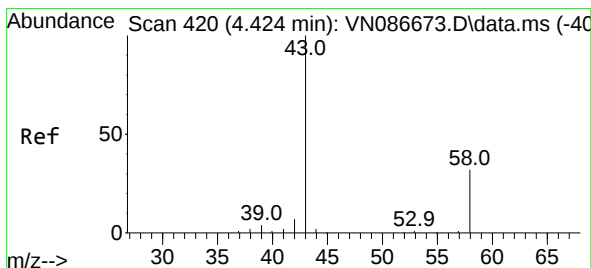
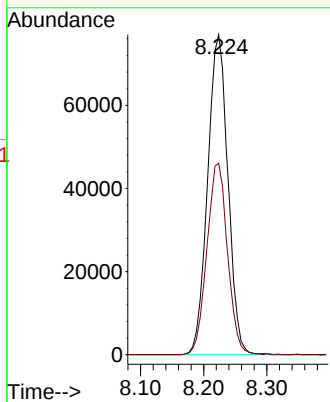
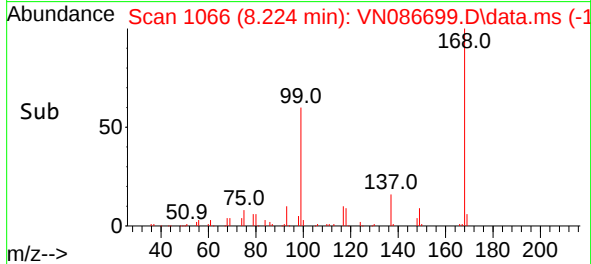
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#16



Tgt Ion:168 Resp: 17180
Ion Ratio Lower Upper
168 100
99 59.8 47.0 70.4

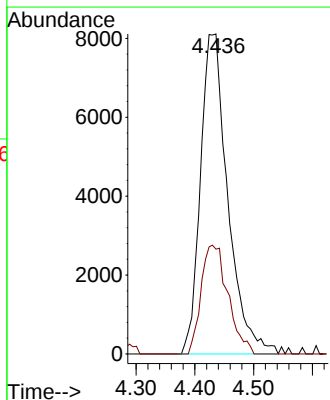
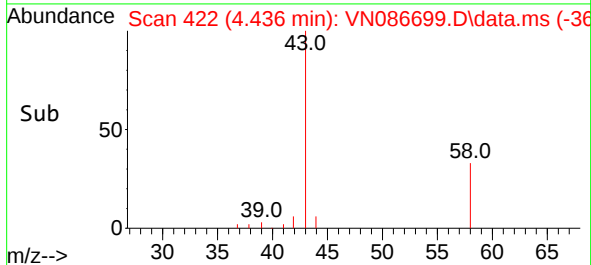
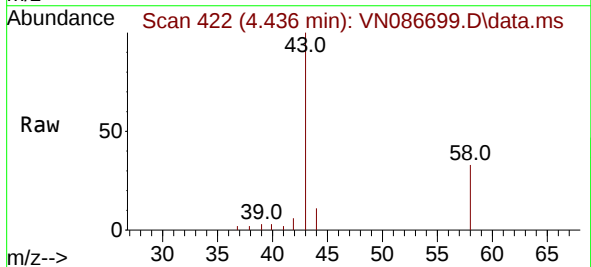
Manual Integrations
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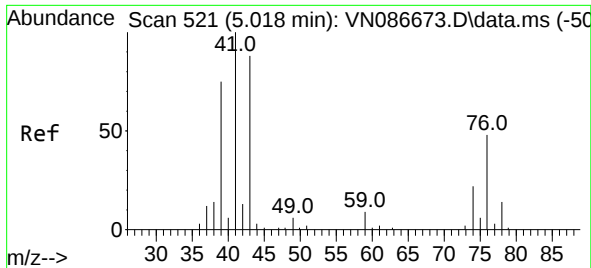
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#16
Acetone
Concen: 29.509 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086699.D
Acq: 19 May 2025 19:05

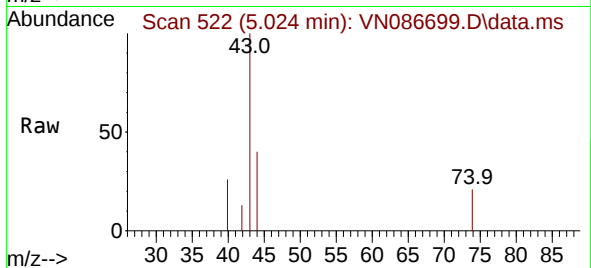
Tgt Ion: 43 Resp: 26206
Ion Ratio Lower Upper
43 100
58 32.7 25.8 38.6





#18
Methyl Acetate
Concen: 1.682 ug/l
RT: 5.024 min Scan# 518
Delta R.T. 0.006 min
Lab File: VN086699.D
Acq: 19 May 2025 19:05

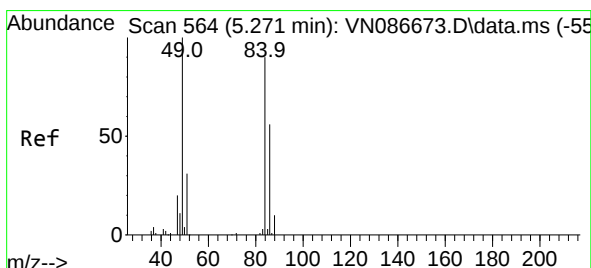
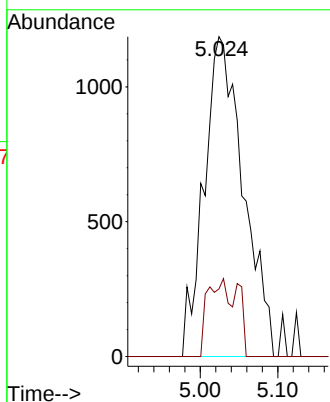
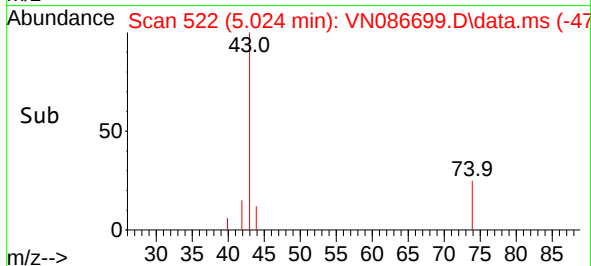
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#16



Tgt Ion: 43 Resp: 418
Ion Ratio Lower Upper
43 100
74 13.9 20.5 30.7

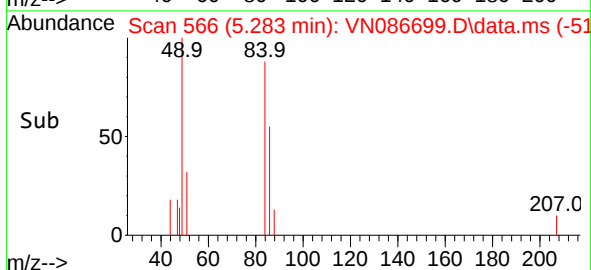
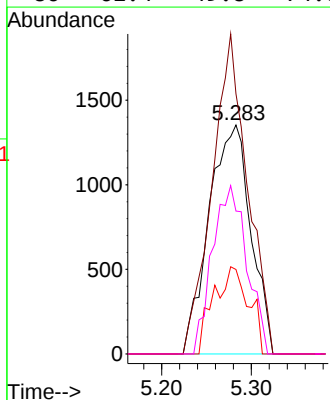
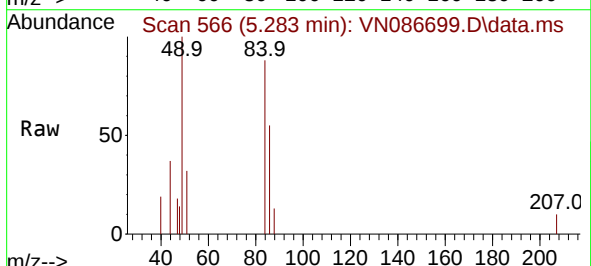
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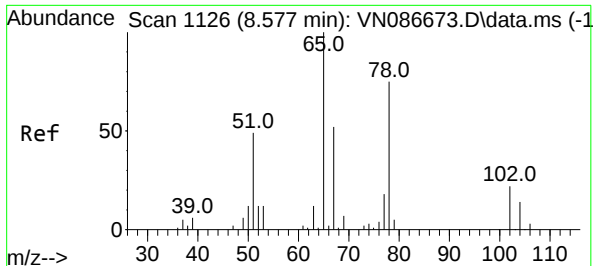
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#20
Methylene Chloride
Concen: 1.869 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN086699.D
Acq: 19 May 2025 19:05

Tgt Ion: 84 Resp: 4381
Ion Ratio Lower Upper
84 100
49 113.6 88.8 133.2
51 36.9 27.8 41.6
86 62.4 49.8 74.6





#33

1,2-Dichloroethane-d4

Concen: 53.047 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086699.D

Acq: 19 May 2025 19:05

Instrument :

MSVOA_N

ClientSampleId :

PB168034ZHE#16

Tgt Ion: 65 Resp: 125930

Ion Ratio Lower Upper

65 100

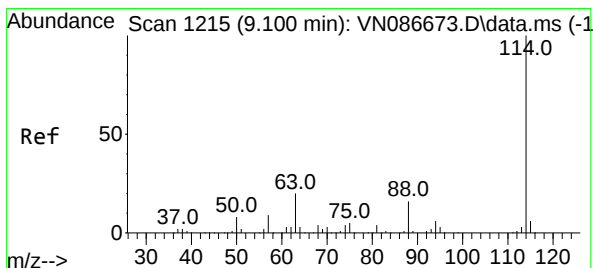
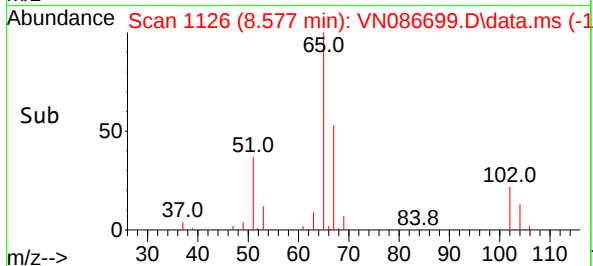
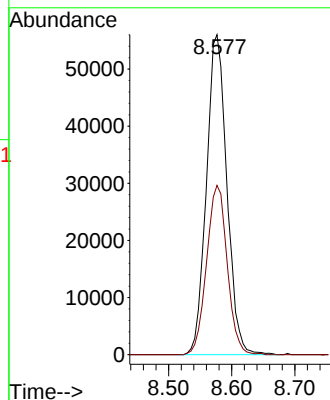
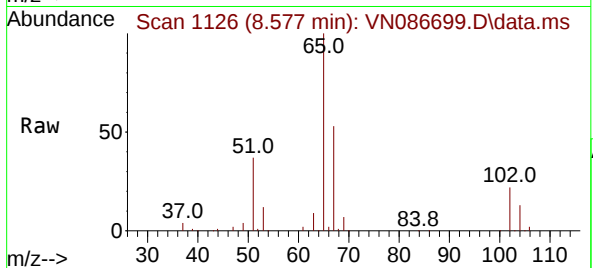
67 53.4 0.0 106.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN086699.D

Acq: 19 May 2025 19:05

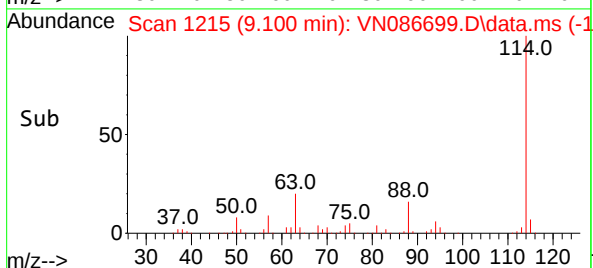
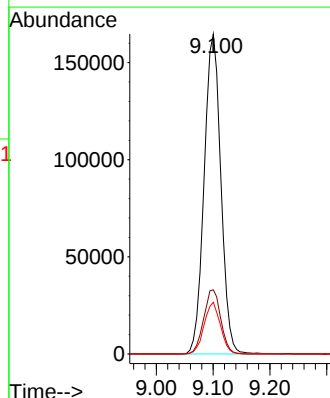
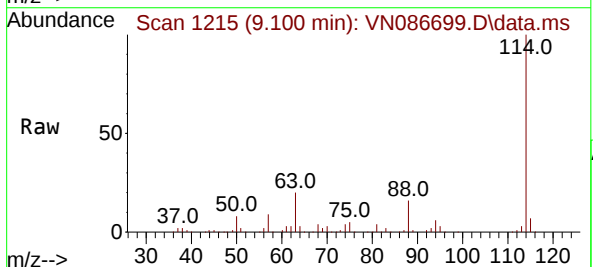
Tgt Ion:114 Resp: 336700

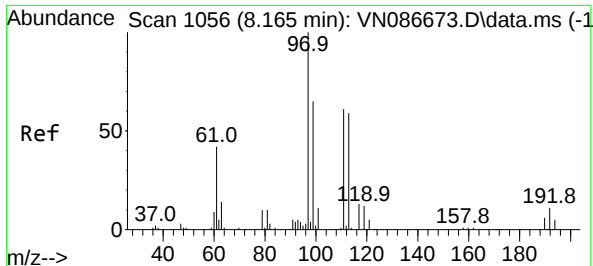
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.2

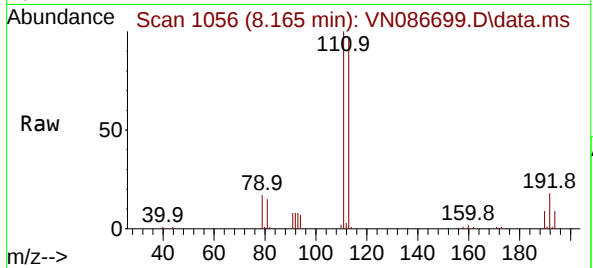
88 16.1 0.0 31.2





#35
Dibromofluoromethane
Concen: 51.471 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086699.D
Acq: 19 May 2025 19:05

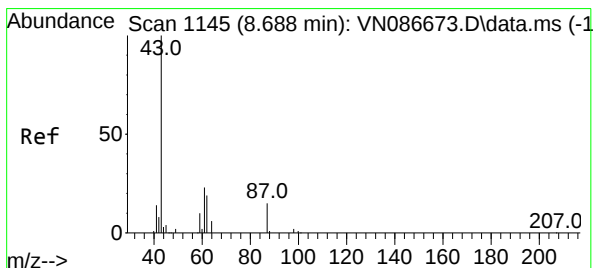
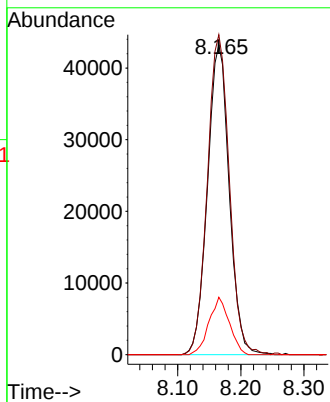
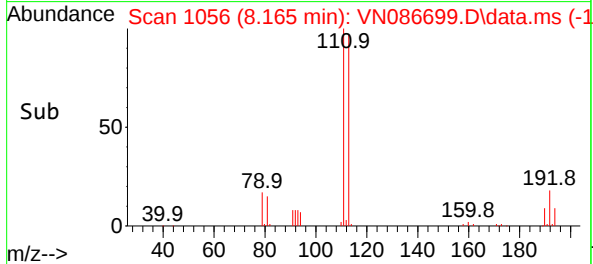
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ClientSampleId :
PB168034ZHE#16



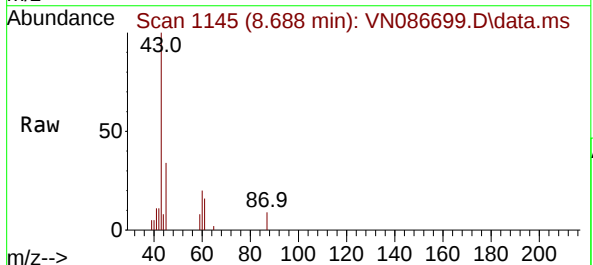
Tgt Ion: 113 Resp: 103210
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.2
192 17.4 13.8 20.8

Manual Integrations
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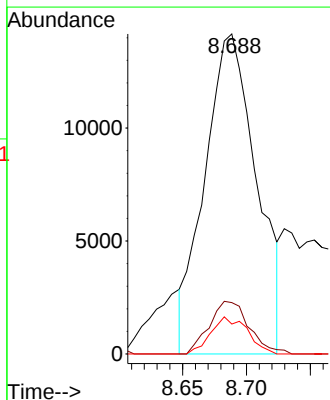
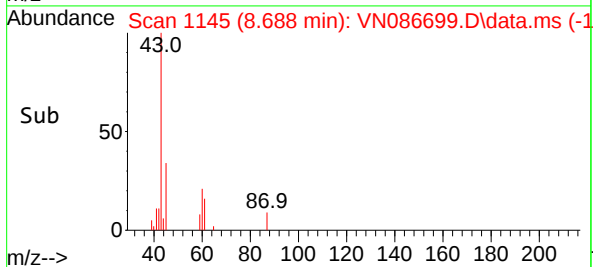
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

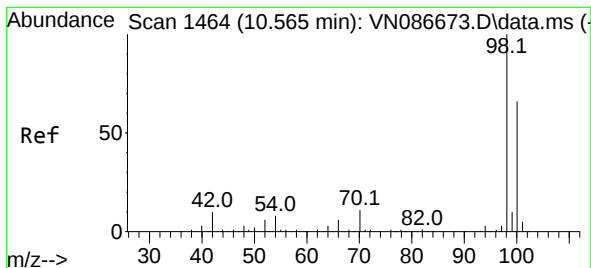


#43
Isopropyl Acetate
Concen: 6.685 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN086699.D
Acq: 19 May 2025 19:05



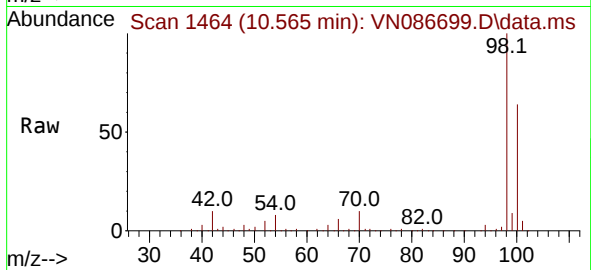
Tgt Ion: 43 Resp: 40038
Ion Ratio Lower Upper
43 100
61 12.7 21.4 32.2#
87 8.2 11.1 16.7#





#50
Toluene-d8
Concen: 52.924 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086699.D
Acq: 19 May 2025 19:05

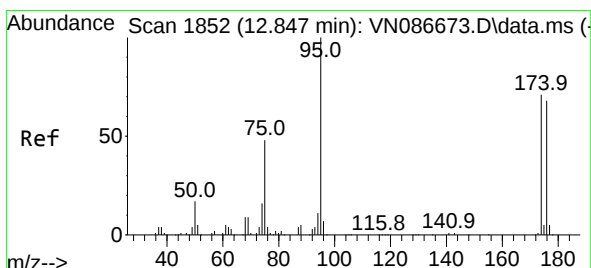
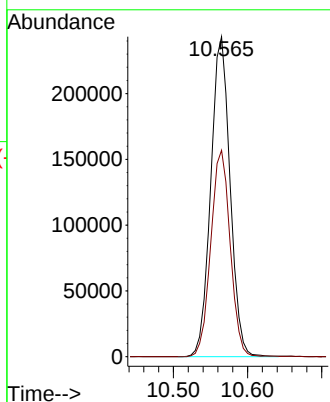
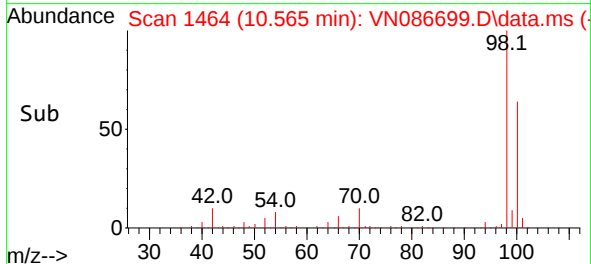
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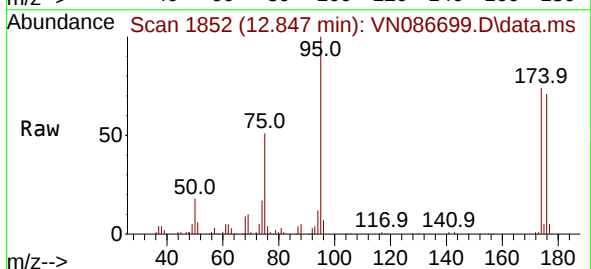
Tgt Ion: 98 Resp: 439770
Ion Ratio Lower Upper
98 100
100 64.8 52.9 79.3

Manual Integrations
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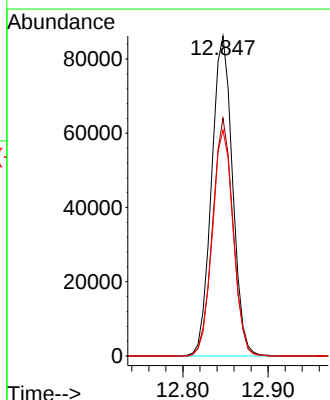
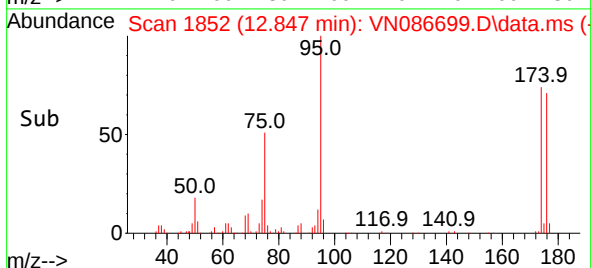
Reviewed By :John Carlone 05/21/2025
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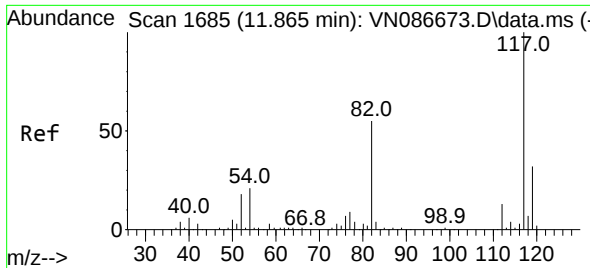


#62
4-Bromofluorobenzene
Concen: 50.189 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086699.D
Acq: 19 May 2025 19:05



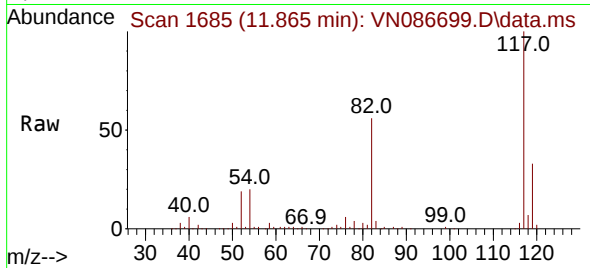
Tgt Ion: 95 Resp: 147259
Ion Ratio Lower Upper
95 100
174 72.4 0.0 145.4
176 70.1 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086699.D
Acq: 19 May 2025 19:05

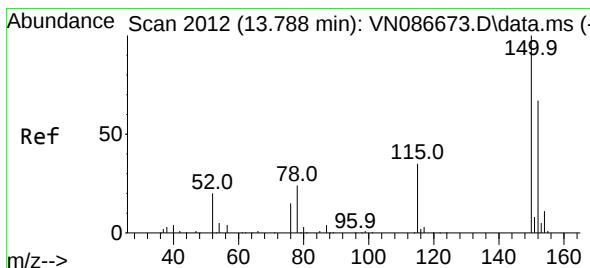
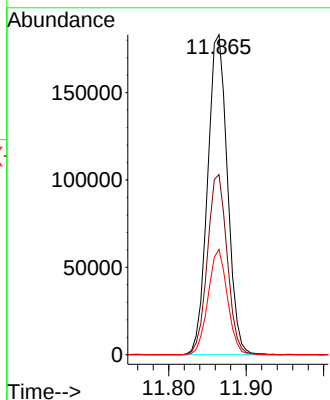
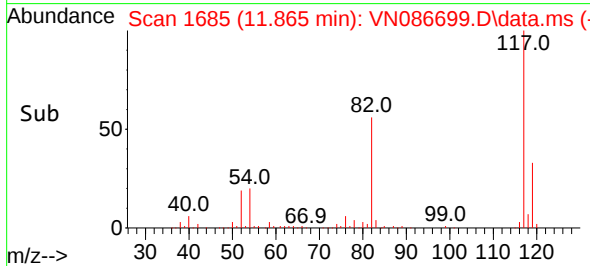
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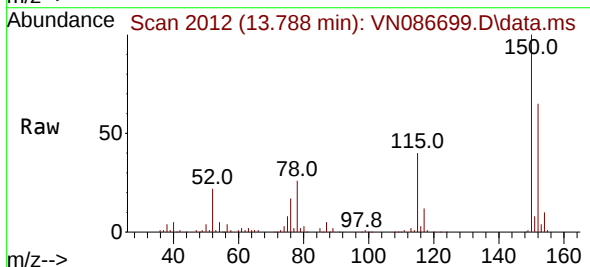
Tgt Ion:117 Resp: 32589
Ion Ratio Lower Upper
117 100
82 56.3 44.2 66.2
119 32.9 25.4 38.2

Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/21/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086699.D
Acq: 19 May 2025 19:05



Tgt Ion:152 Resp: 126604
Ion Ratio Lower Upper
152 100
115 60.9 30.0 90.1
150 156.0 0.0 347.8

