

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
 Data File : VN086689.D
 Acq On : 19 May 2025 15:03
 Operator : JC\MD
 Sample : PB168034ZHE#06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168034ZHE#06

Manual Integrations
 APPROVED

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

Quant Time: May 20 03:19:41 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	183393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	356532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	349765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	152946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	130135	51.352	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 102.700%		
35) Dibromofluoromethane	8.165	113	107968	50.849	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 101.700%		
50) Toluene-d8	10.565	98	463168	52.638	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 105.280%		
62) 4-Bromofluorobenzene	12.847	95	167634	53.955	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery	= 107.920%		
Target Compounds						
16) Acetone	4.430	43	23676	24.976	ug/l	98
18) Methyl Acetate	5.030	43	3973	1.497	ug/l #	70
20) Methylene Chloride	5.271	84	15830	6.328	ug/l #	93
25) 2-Butanone	7.477	43	9707	6.627	ug/l	94
43) Isopropyl Acetate	8.683	43	41445m	6.535	ug/l	

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

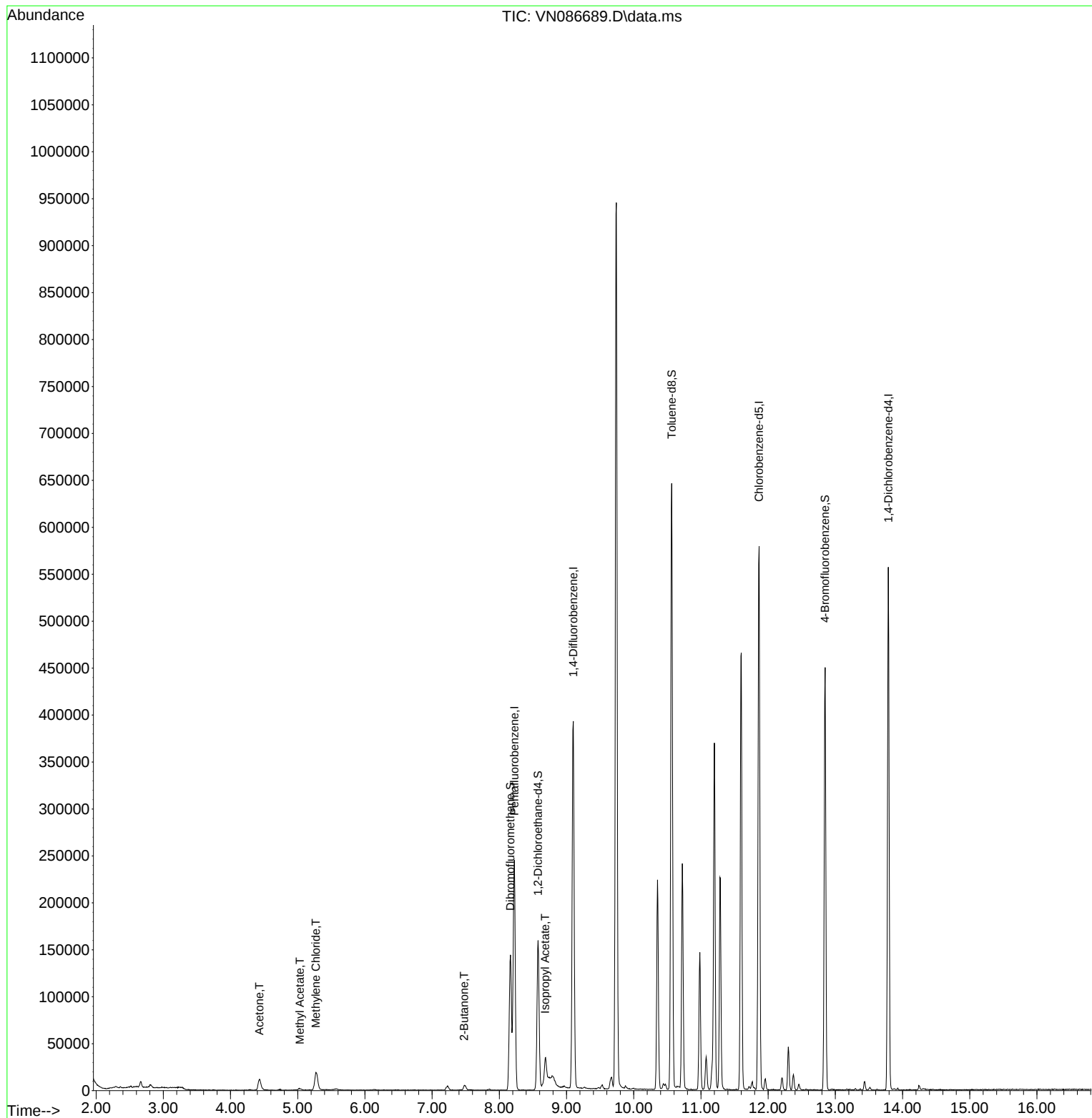
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
Data File : VN086689.D
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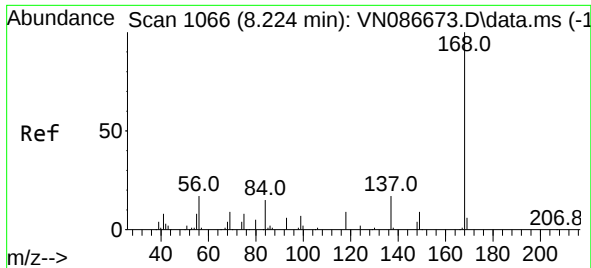
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#06

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Supervised By :Mahesh Dadoda 05/21/2025

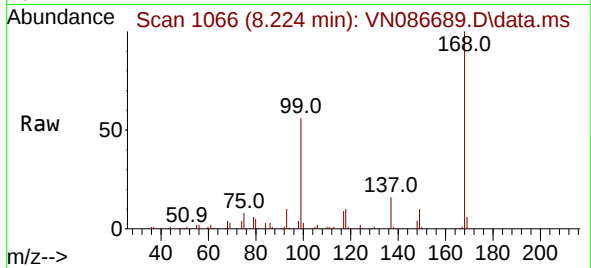
Quant Time: May 20 03:19:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086689.D
Acq: 19 May 2025 15:03

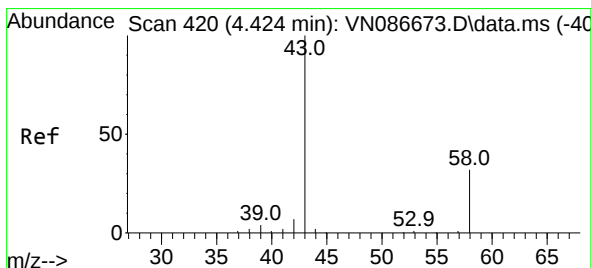
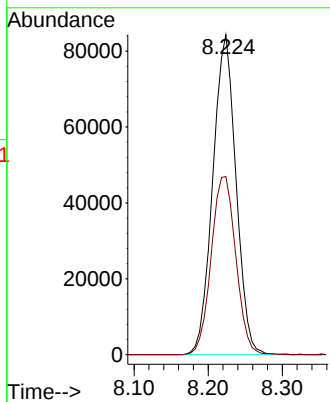
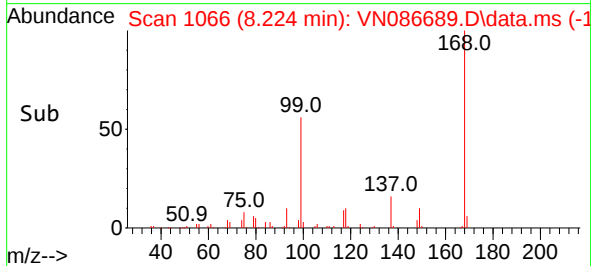
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#06



Tgt Ion:168 Resp: 18339
Ion Ratio Lower Upper
168 100
99 55.7 47.0 70.4

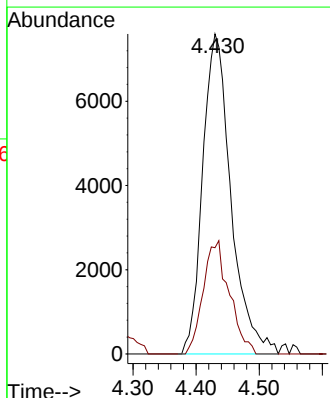
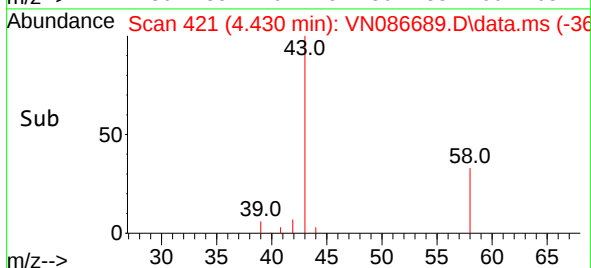
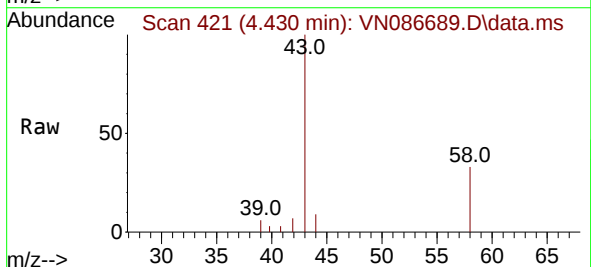
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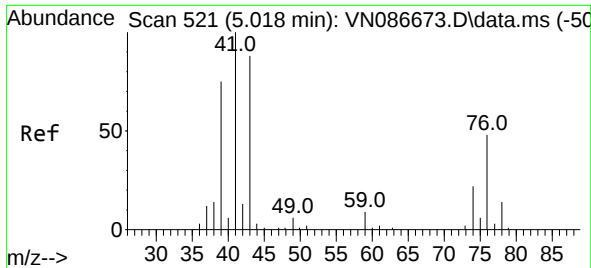
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#16
Acetone
Concen: 24.976 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086689.D
Acq: 19 May 2025 15:03

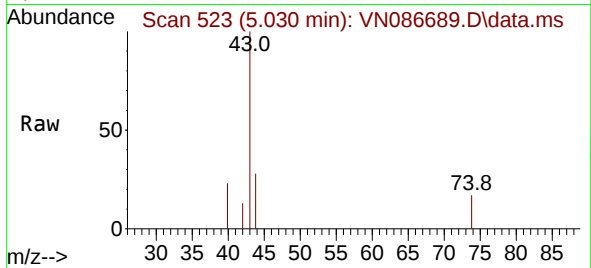
Tgt Ion: 43 Resp: 23676
Ion Ratio Lower Upper
43 100
58 33.2 25.8 38.6





#18
Methyl Acetate
Concen: 1.497 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN086689.D
Acq: 19 May 2025 15:03

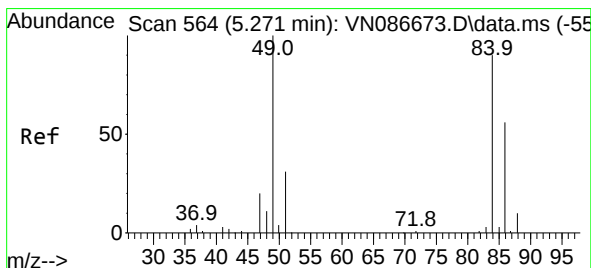
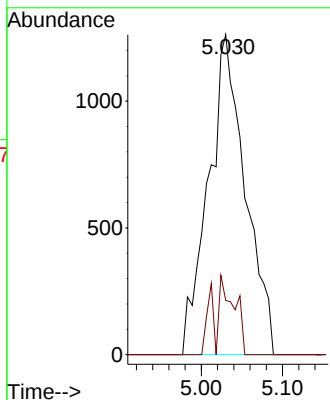
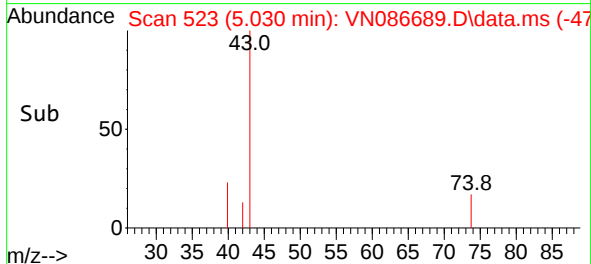
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#06



Tgt Ion: 43 Resp: 397
Ion Ratio Lower Upper
43 100
74 10.2 20.5 30.7

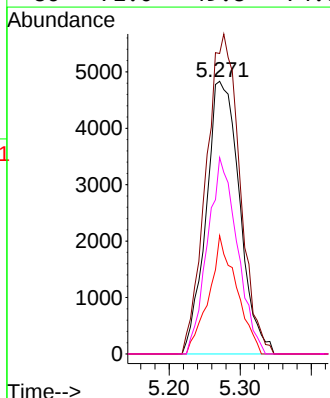
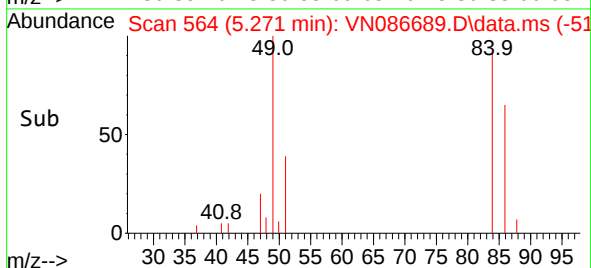
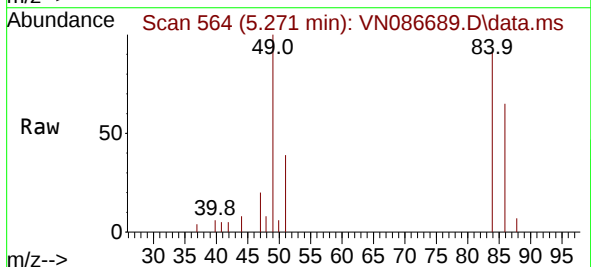
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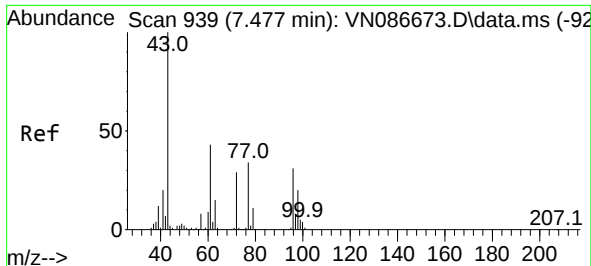
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#20
Methylene Chloride
Concen: 6.328 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN086689.D
Acq: 19 May 2025 15:03

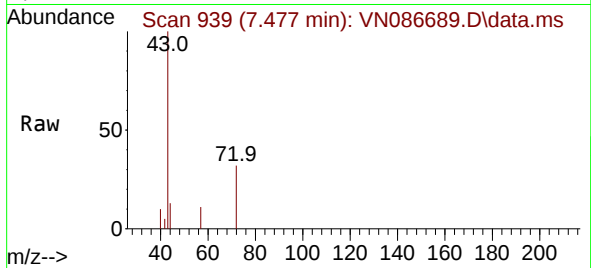
Tgt Ion: 84 Resp: 15830
Ion Ratio Lower Upper
84 100
49 110.2 88.8 133.2
51 43.4 27.8 41.6#
86 72.0 49.8 74.6





#25
2-Butanone
Concen: 6.627 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086689.D
Acq: 19 May 2025 15:03

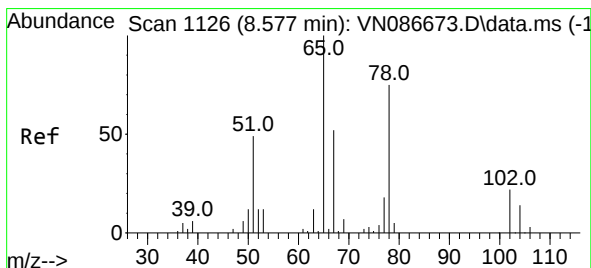
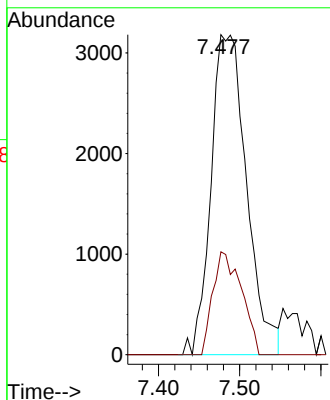
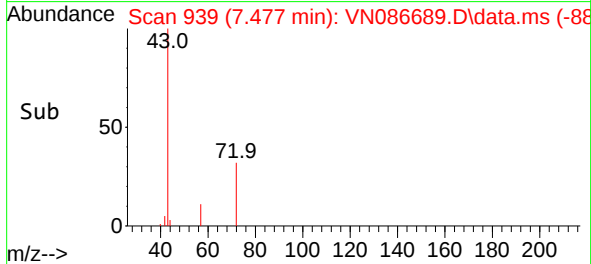
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#06



Tgt Ion: 43 Resp: 970
Ion Ratio Lower Upper
43 100
72 32.2 23.1 34.7

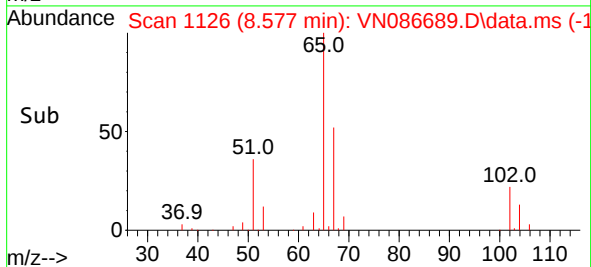
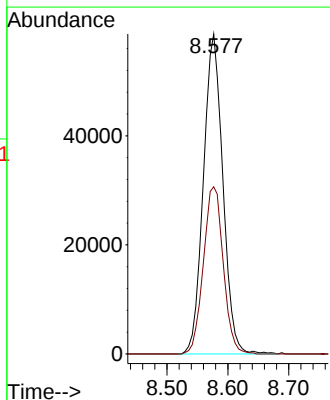
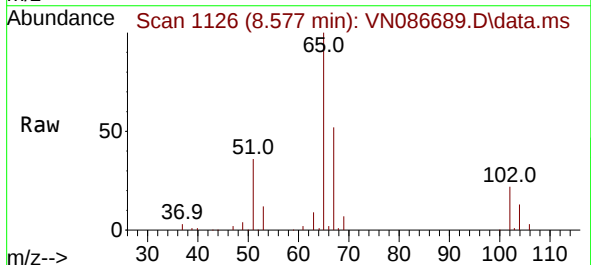
Manual Integrations
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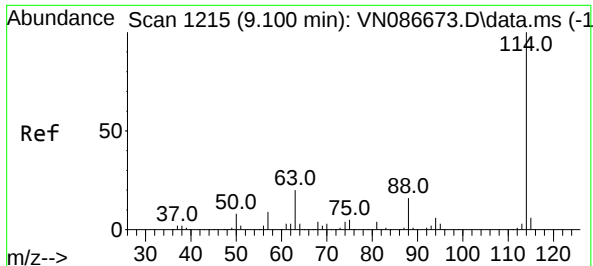
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#33
1,2-Dichloroethane-d4
Concen: 51.352 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086689.D
Acq: 19 May 2025 15:03

Tgt Ion: 65 Resp: 130135
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN086689.D

Acq: 19 May 2025 15:03

Instrument :

MSVOA_N

ClientSampleId :

PB168034ZHE#06

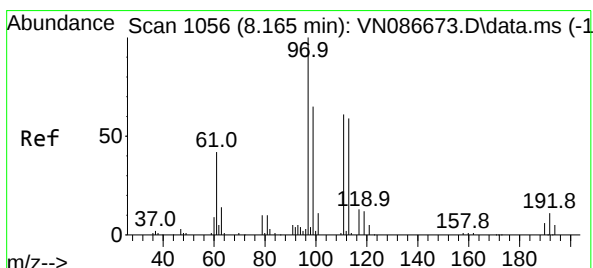
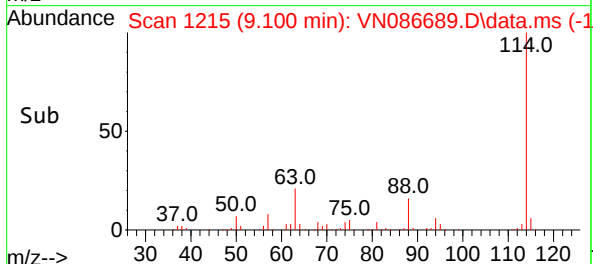
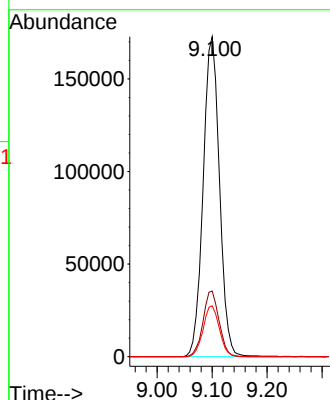
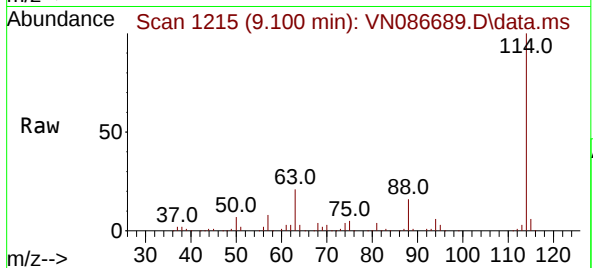
Tgt Ion:114	Resp: 35653
Ion Ratio	Lower Upper
114 100	
63 20.5	0.0 40.2
88 15.9	0.0 31.2

Manual Integrations

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Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#35

Dibromofluoromethane

Concen: 50.849 ug/l

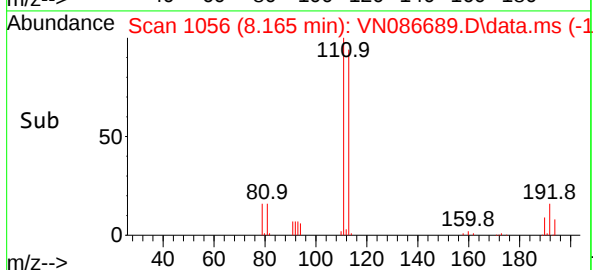
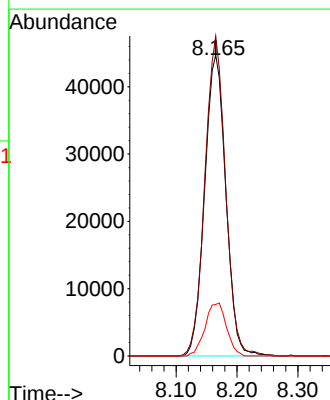
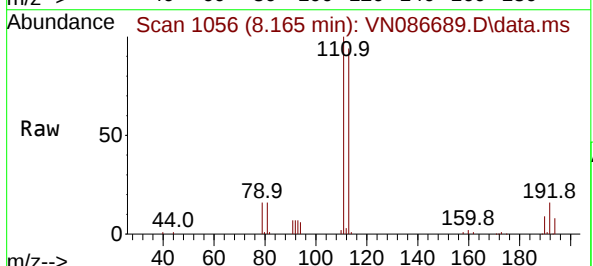
RT: 8.165 min Scan# 1056

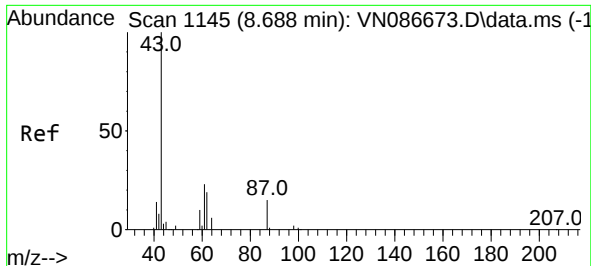
Delta R.T. 0.000 min

Lab File: VN086689.D

Acq: 19 May 2025 15:03

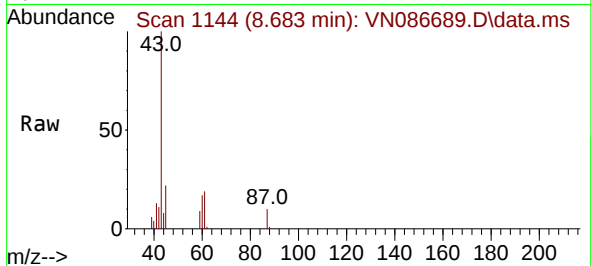
Tgt Ion:113	Resp: 107968
Ion Ratio	Lower Upper
113 100	
111 104.0	82.2 123.2
192 17.8	13.8 20.8





#43
Isopropyl Acetate
Concen: 6.535 ug/l m
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086689.D
Acq: 19 May 2025 15:03

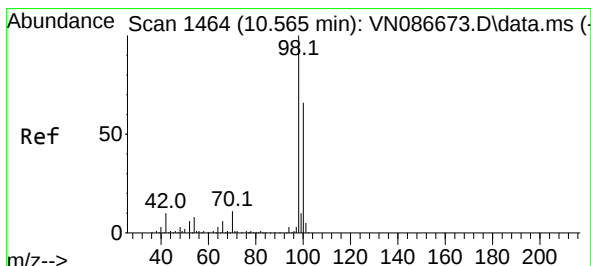
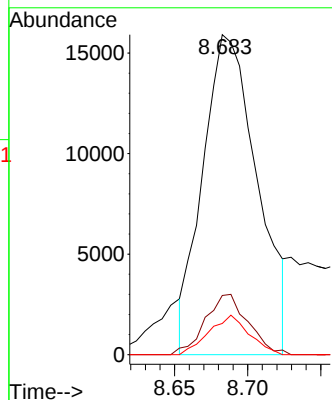
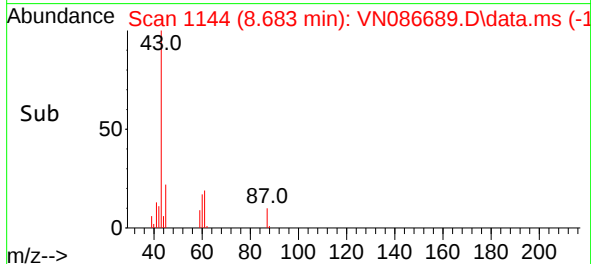
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#06



Tgt Ion: 43 Resp: 4144
Ion Ratio Lower Upper
43 100
61 14.7 21.4 32.2
87 9.1 11.1 16.7

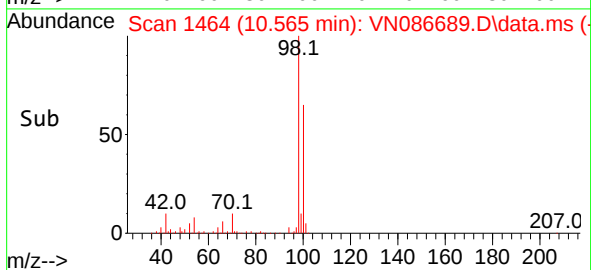
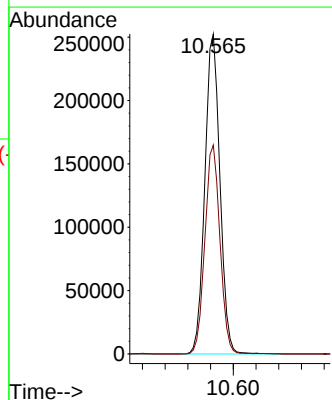
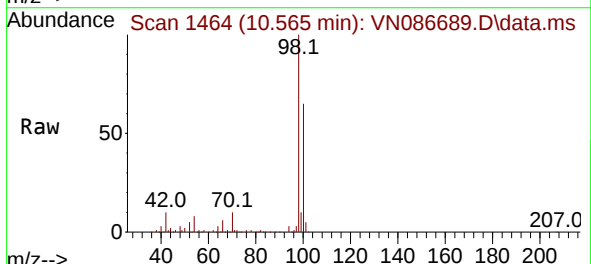
Manual Integrations
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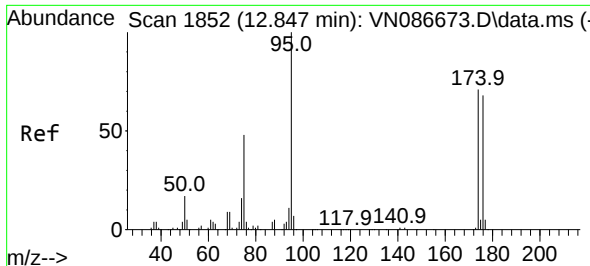
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#50
Toluene-d8
Concen: 52.638 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086689.D
Acq: 19 May 2025 15:03

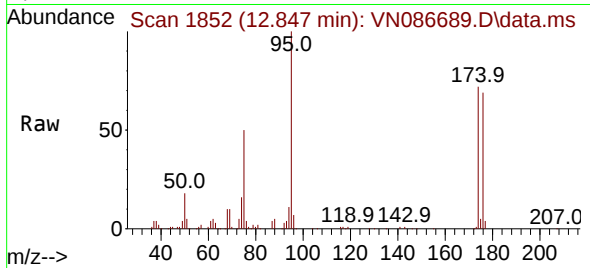
Tgt Ion: 98 Resp: 463168
Ion Ratio Lower Upper
98 100
100 65.4 52.9 79.3





#62
4-Bromofluorobenzene
Concen: 53.955 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086689.D
Acq: 19 May 2025 15:03

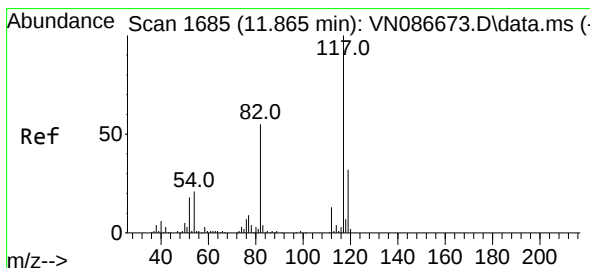
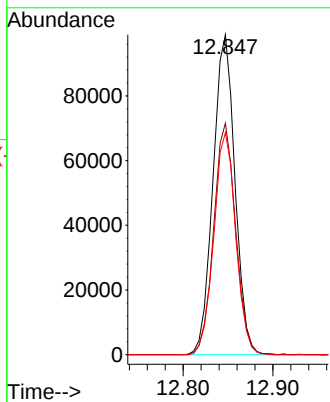
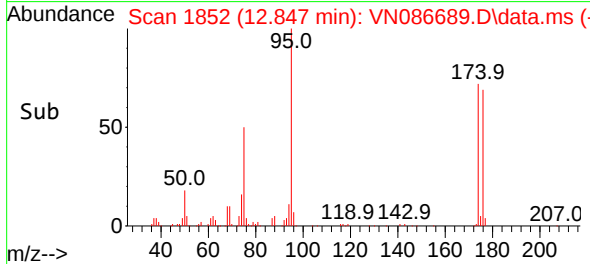
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PB168034ZHE#06



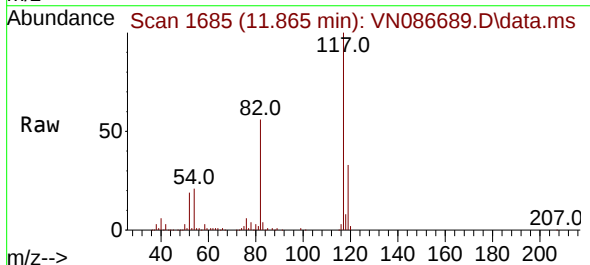
Tgt Ion: 95 Resp: 167634
Ion Ratio Lower Upper
95 100
174 72.5 0.0 145.4
176 69.2 0.0 137.8

Manual Integrations
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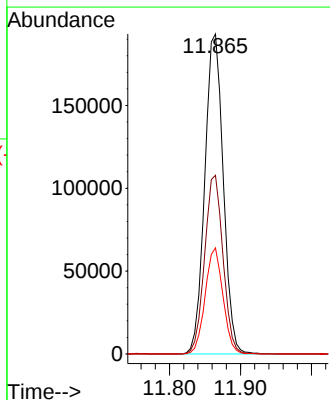
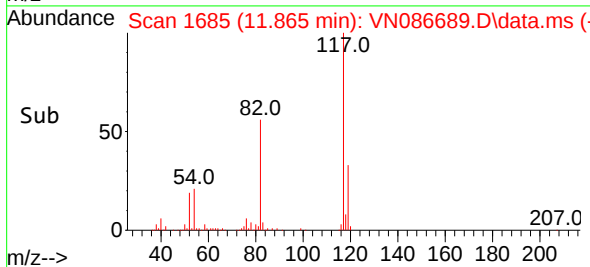
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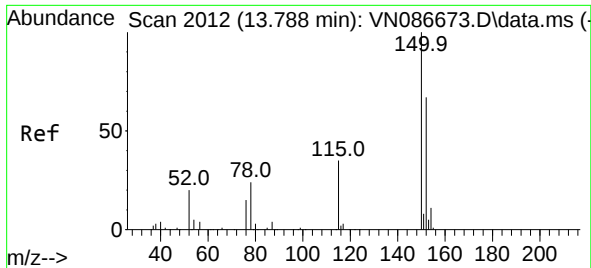


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086689.D
Acq: 19 May 2025 15:03



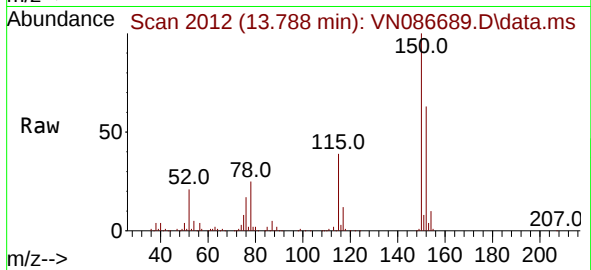
Tgt Ion:117 Resp: 349765
Ion Ratio Lower Upper
117 100
82 55.8 44.2 66.2
119 33.1 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN086689.D
 Acq: 19 May 2025 15:03

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168034ZHE#06



Tgt Ion:152 Resp: 152940
 Ion Ratio Lower Upper
 152 100
 115 61.4 30.0 90.1
 150 158.9 0.0 347.8

Manual Integrations
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