

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
 Data File : VN086688.D
 Acq On : 19 May 2025 14:39
 Operator : JC\MD
 Sample : PB168034ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168034ZHE#05

Manual Integrations
 APPROVED

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

Quant Time: May 20 03:19:16 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	186948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	362386	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	358721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	150940	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	133448	51.658	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.320%			
35) Dibromofluoromethane	8.165	113	109276	50.634	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.260%			
50) Toluene-d8	10.565	98	472659	52.849	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.700%			
62) 4-Bromofluorobenzene	12.847	95	171742	54.385	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.760%			
Target Compounds						
16) Acetone	4.430	43	23851	24.682	ug/l	97
18) Methyl Acetate	5.018	43	4159	1.538	ug/l #	87
20) Methylene Chloride	5.271	84	15805	6.198	ug/l	95
25) 2-Butanone	7.489	43	9243	6.190	ug/l	92
43) Isopropyl Acetate	8.688	43	42480m	6.590	ug/l	

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

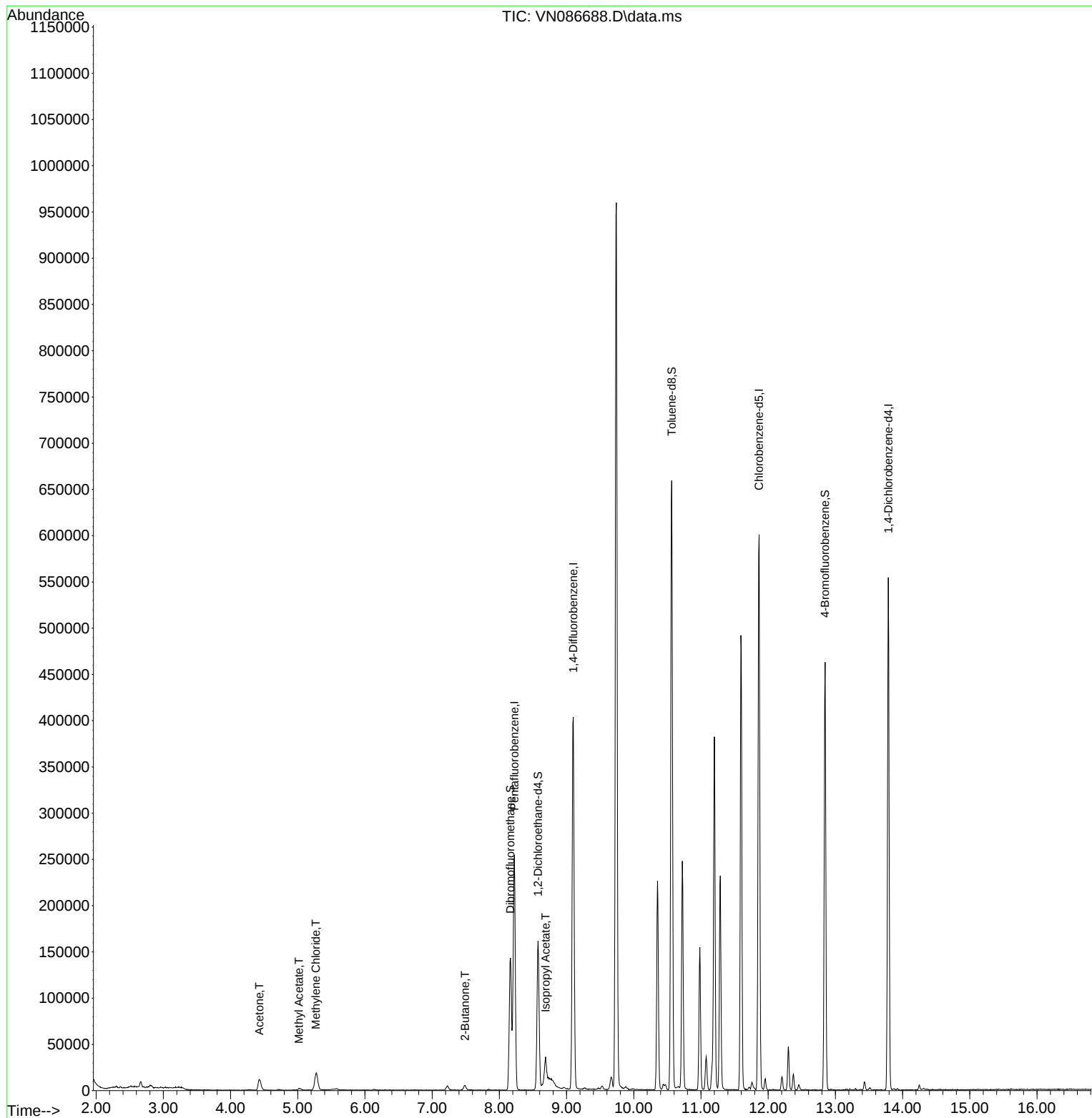
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
Data File : VN086688.D
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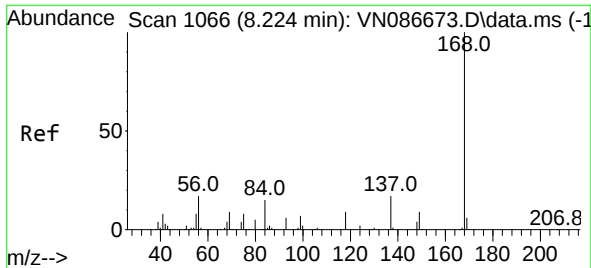
Instrument :
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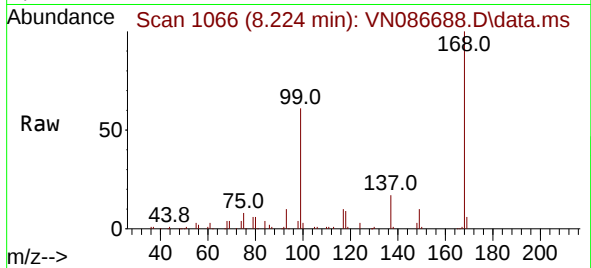
Quant Time: May 20 03:19:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086688.D
Acq: 19 May 2025 14:39

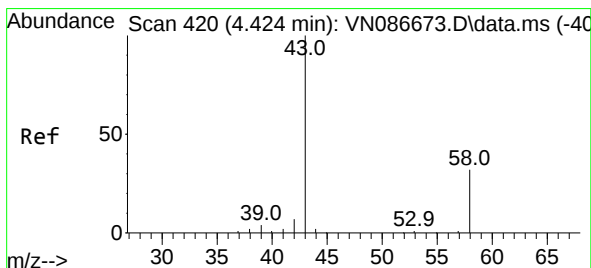
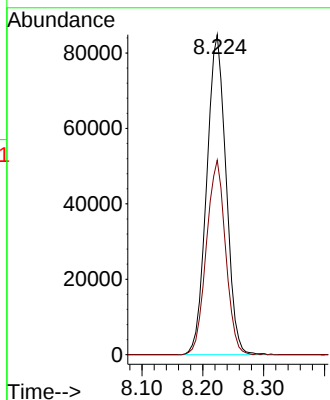
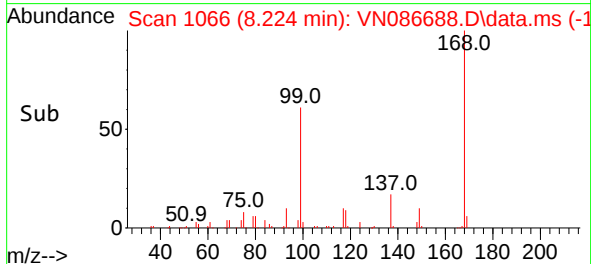
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#05



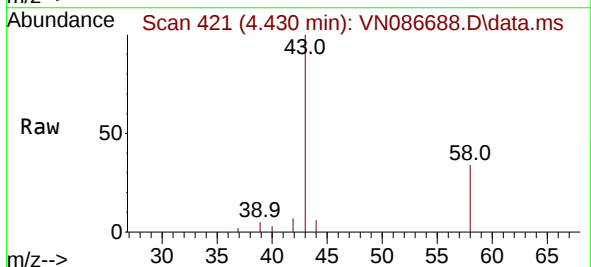
Tgt Ion:168 Resp: 186948
Ion Ratio Lower Upper
168 100
99 60.8 47.0 70.4

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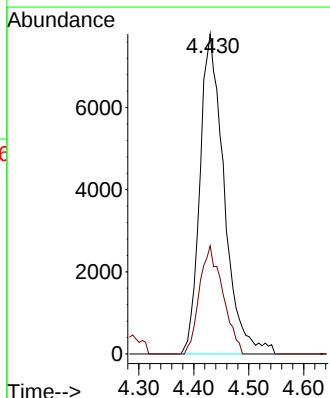
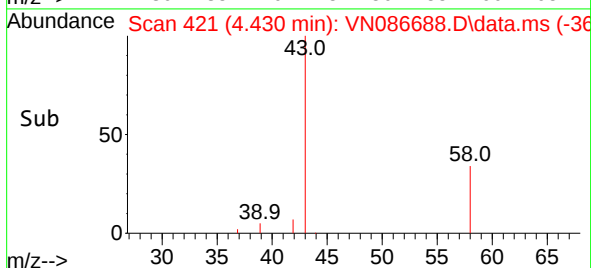
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

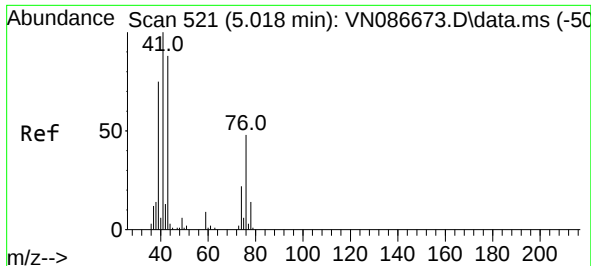


#16
Acetone
Concen: 24.682 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086688.D
Acq: 19 May 2025 14:39



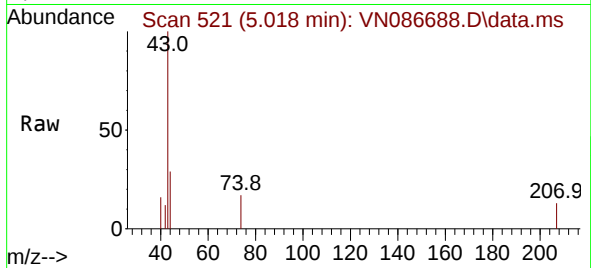
Tgt Ion: 43 Resp: 23851
Ion Ratio Lower Upper
43 100
58 33.8 25.8 38.6





#18
Methyl Acetate
Concen: 1.538 ug/l
RT: 5.018 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN086688.D
Acq: 19 May 2025 14:39

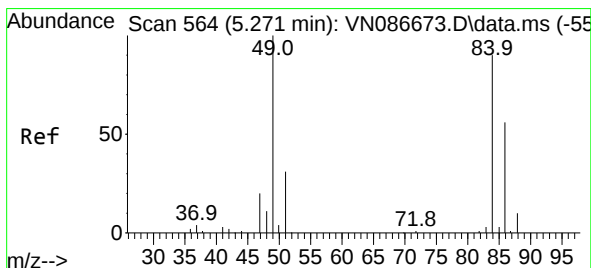
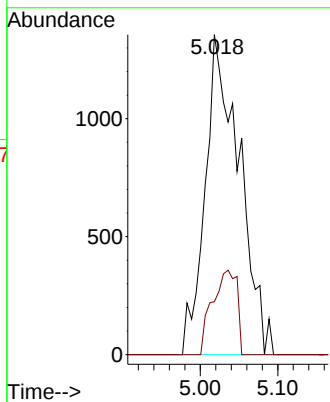
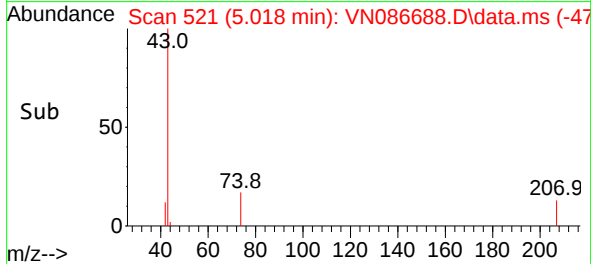
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#05



Tgt Ion: 43 Resp: 415
Ion Ratio Lower Upper
43 100
74 18.9 20.5 30.7

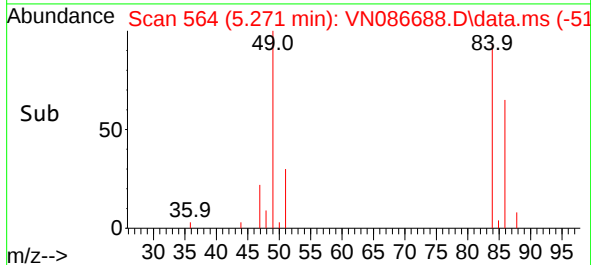
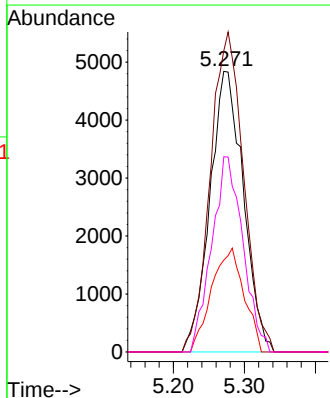
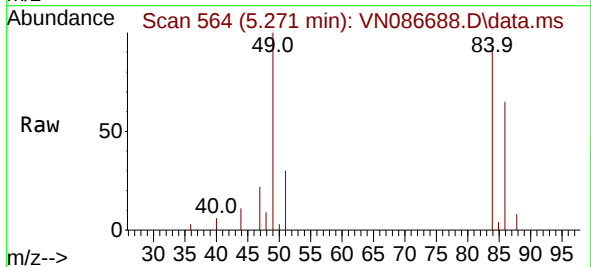
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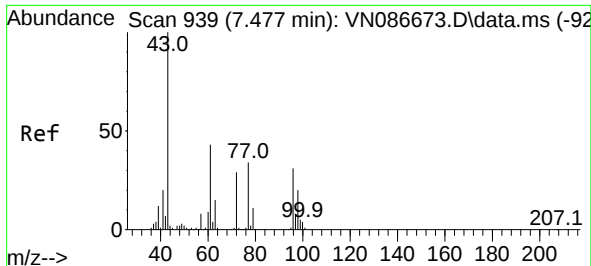
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#20
Methylene Chloride
Concen: 6.198 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086688.D
Acq: 19 May 2025 14:39

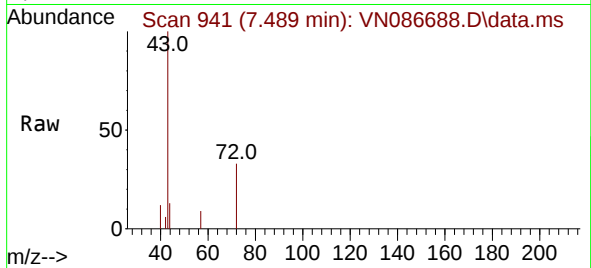
Tgt Ion: 84 Resp: 15805
Ion Ratio Lower Upper
84 100
49 107.3 88.8 133.2
51 32.7 27.8 41.6
86 69.5 49.8 74.6





#25
2-Butanone
Concen: 6.190 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN086688.D
Acq: 19 May 2025 14:39

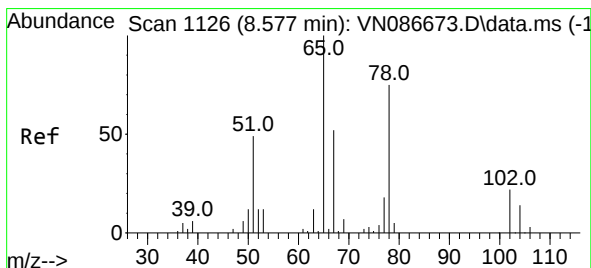
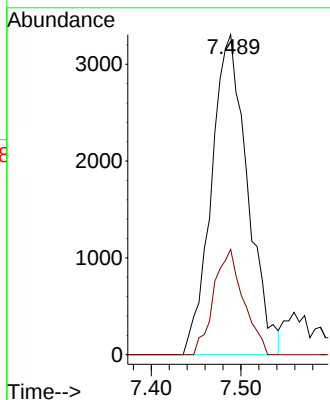
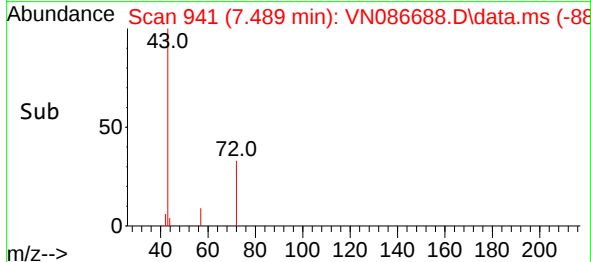
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#05



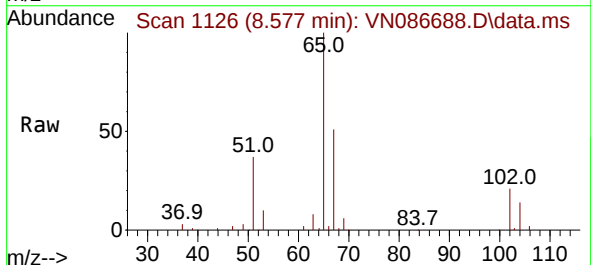
Tgt Ion: 43 Resp: 924
Ion Ratio Lower Upper
43 100
72 32.9 23.1 34.7

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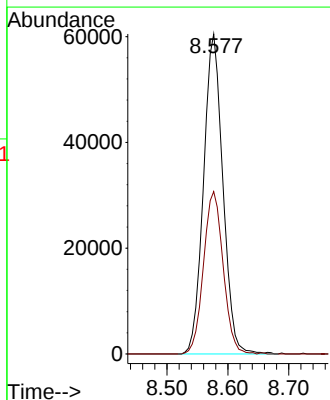
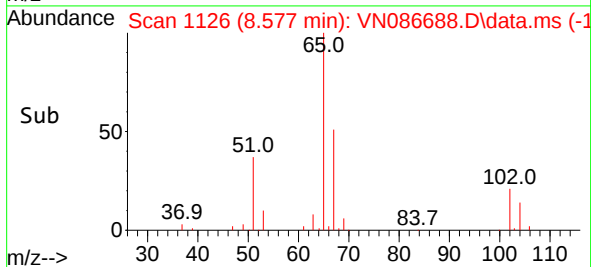
Reviewed By :John Carlone 05/21/2025
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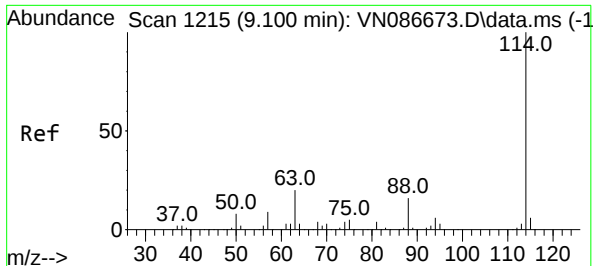


#33
1,2-Dichloroethane-d4
Concen: 51.658 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086688.D
Acq: 19 May 2025 14:39



Tgt Ion: 65 Resp: 133448
Ion Ratio Lower Upper
65 100
67 51.5 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: VN086688.D

Acq: 19 May 2025 14:39

Instrument :

MSVOA_N

ClientSampleId :

PB168034ZHE#05

Tgt Ion:114 Resp: 362380

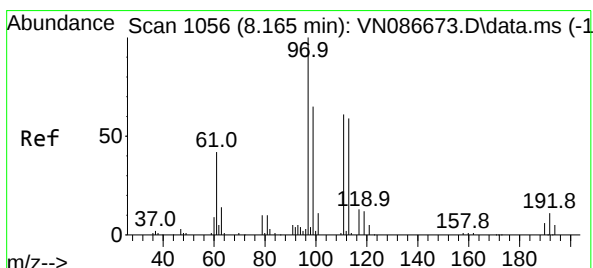
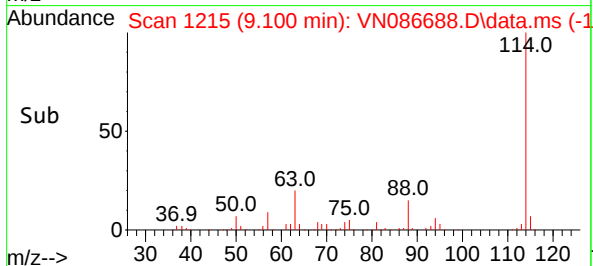
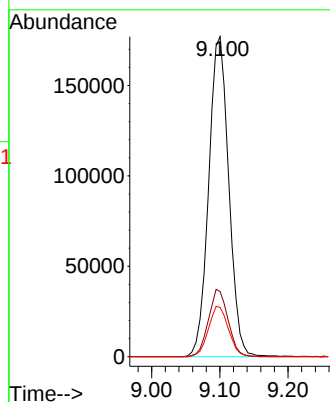
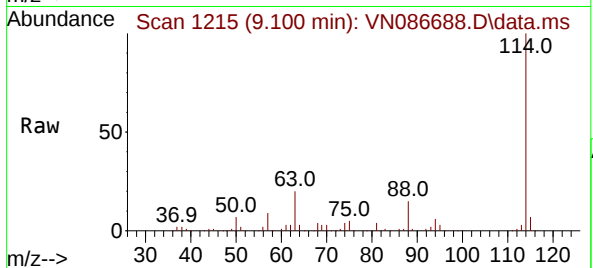
Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.2
88	15.4	0.0	31.2

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Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#35

Dibromofluoromethane

Concen: 50.634 ug/l

RT: 8.165 min Scan# 1056

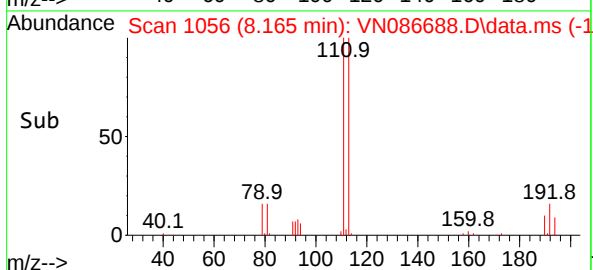
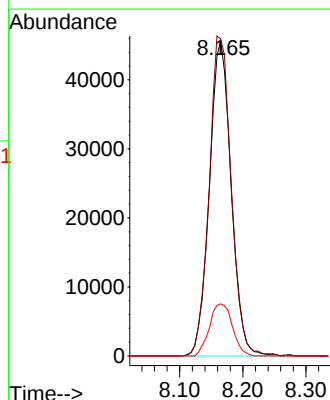
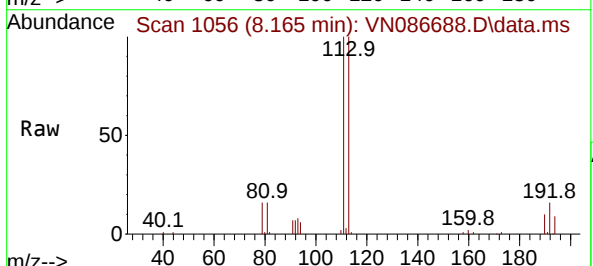
Delta R.T. -0.000 min

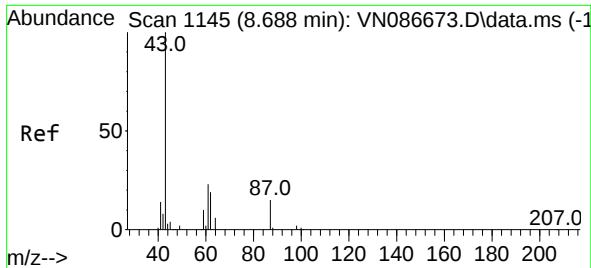
Lab File: VN086688.D

Acq: 19 May 2025 14:39

Tgt Ion:113 Resp: 109276

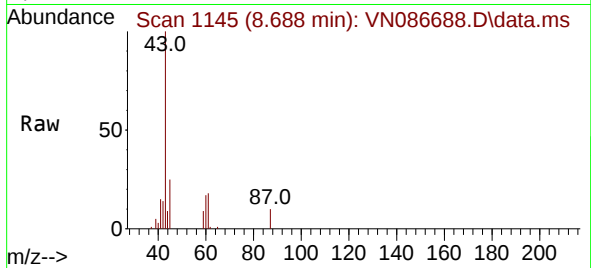
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.2
192	17.5	13.8	20.8





#43
Isopropyl Acetate
Concen: 6.590 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN086688.D
Acq: 19 May 2025 14:39

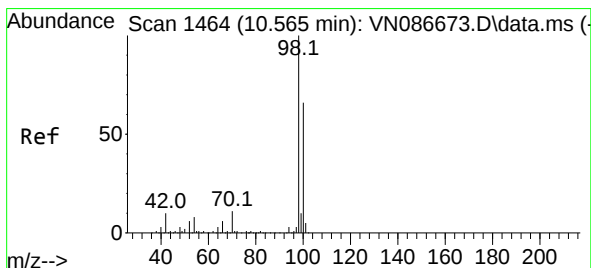
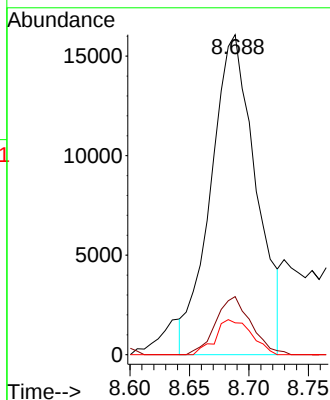
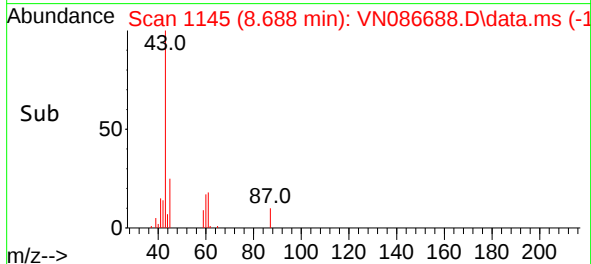
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#05



Tgt Ion: 43 Resp: 42480
Ion Ratio Lower Upper
43 100
61 14.2 21.4 32.2
87 8.8 11.1 16.7

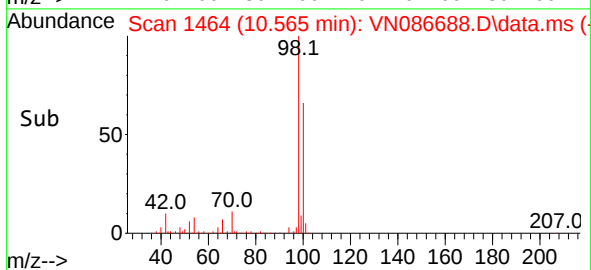
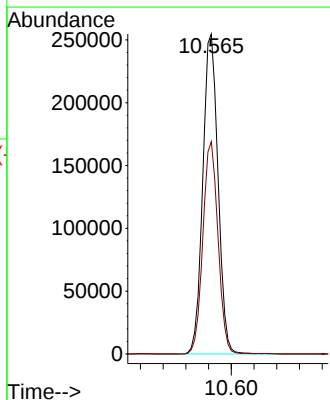
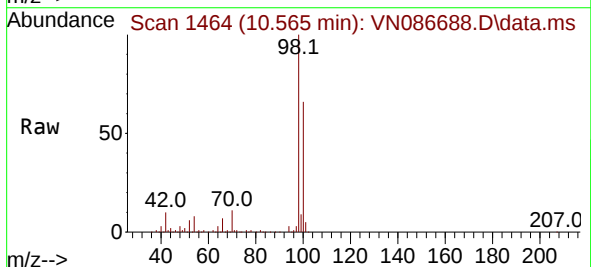
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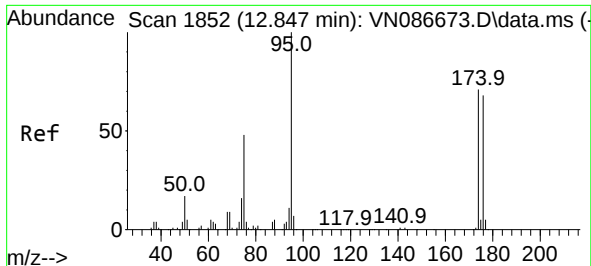
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#50
Toluene-d8
Concen: 52.849 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086688.D
Acq: 19 May 2025 14:39

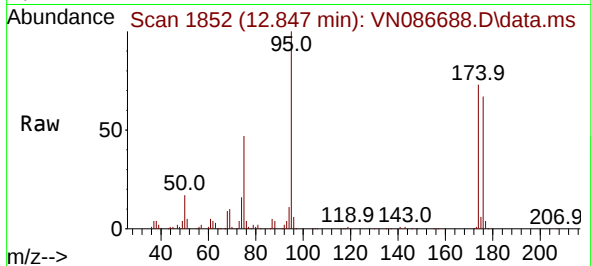
Tgt Ion: 98 Resp: 472659
Ion Ratio Lower Upper
98 100
100 65.9 52.9 79.3





#62
4-Bromofluorobenzene
Concen: 54.385 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086688.D
Acq: 19 May 2025 14:39

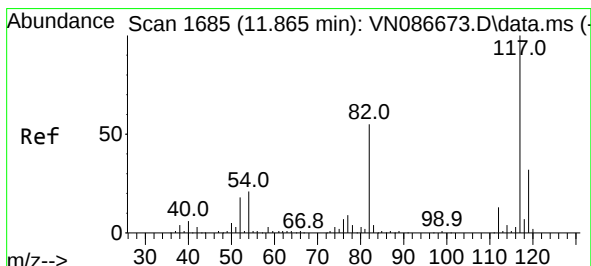
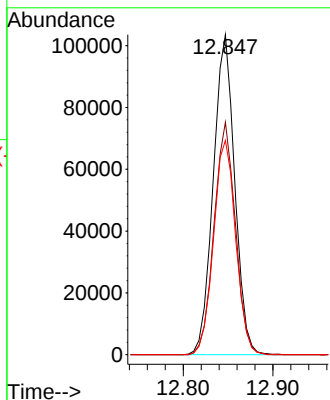
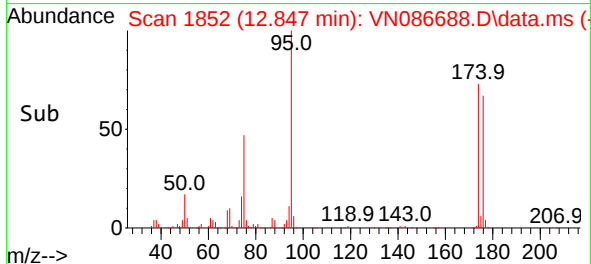
Instrument :
MSVOA_N
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PB168034ZHE#05



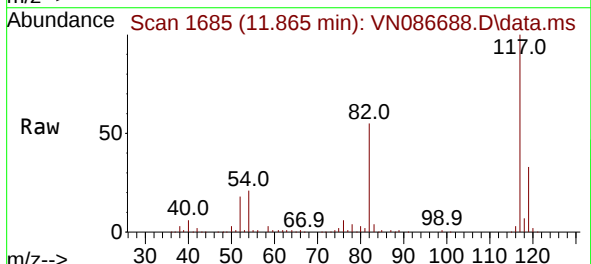
Tgt Ion: 95 Resp: 17174
Ion Ratio Lower Upper
95 100
174 72.5 0.0 145.4
176 69.0 0.0 137.8

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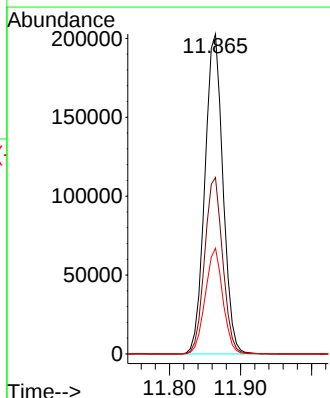
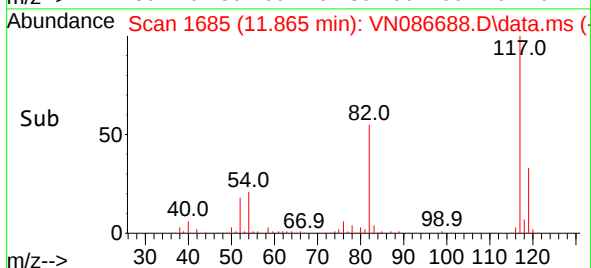
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

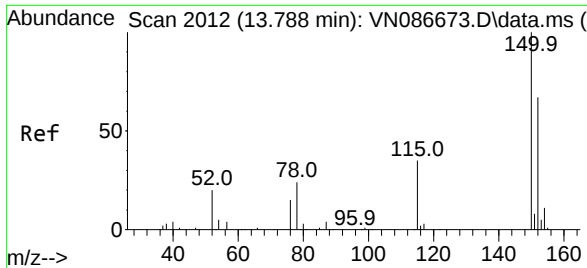


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086688.D
Acq: 19 May 2025 14:39



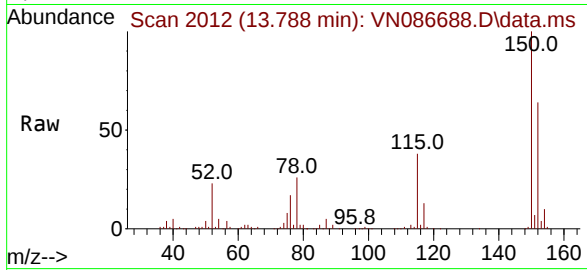
Tgt Ion:117 Resp: 358721
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 33.1 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086688.D
 Acq: 19 May 2025 14:39

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168034ZHE#05



Tgt Ion:152 Resp: 150940
 Ion Ratio Lower Upper
 152 100
 115 60.4 30.0 90.1
 150 155.3 0.0 347.8

Manual Integrations
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