

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
 Data File : VN086702.D
 Acq On : 19 May 2025 20:18
 Operator : JC\MD
 Sample : PB168034ZHE#19
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168034ZHE#19

Manual Integrations
 APPROVED

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

Quant Time: May 20 03:24:54 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	190538	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	373834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	368375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	147211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	136481	51.837	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 103.680%		
35) Dibromofluoromethane	8.165	113	114218	51.303	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 102.600%		
50) Toluene-d8	10.565	98	490906	53.209	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 106.420%		
62) 4-Bromofluorobenzene	12.847	95	171288	52.580	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery	= 105.160%		
Target Compounds						Qvalue
16) Acetone	4.430	43	25015	25.399	ug/l	99
18) Methyl Acetate	5.042	43	4324	1.569	ug/l #	83
20) Methylene Chloride	5.283	84	6232	2.398	ug/l	88
43) Isopropyl Acetate	8.682	43	40200m	6.045	ug/l	

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

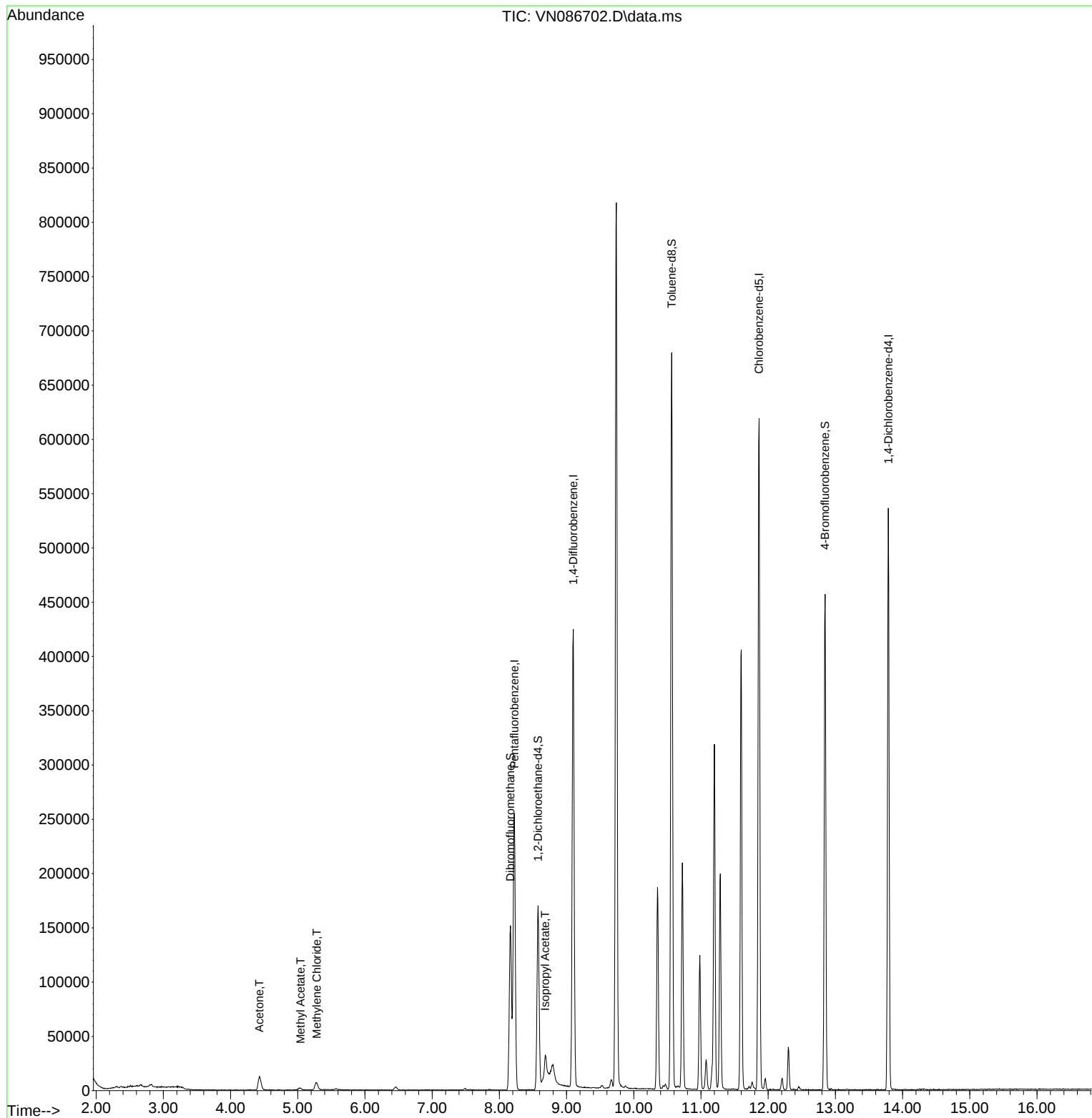
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
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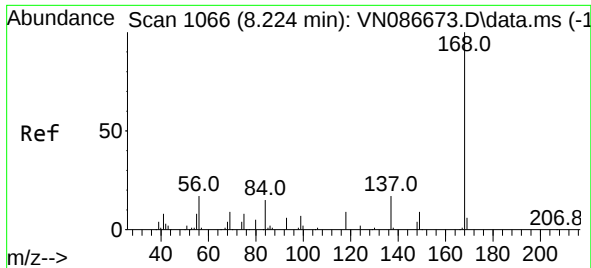
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#19

Quant Time: May 20 03:24:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
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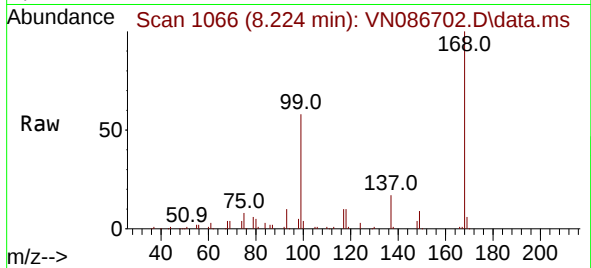
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086702.D
Acq: 19 May 2025 20:18

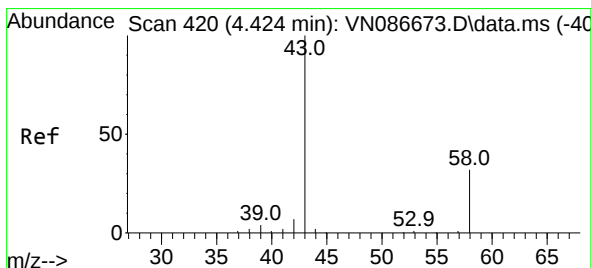
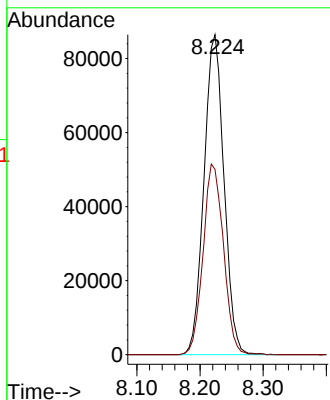
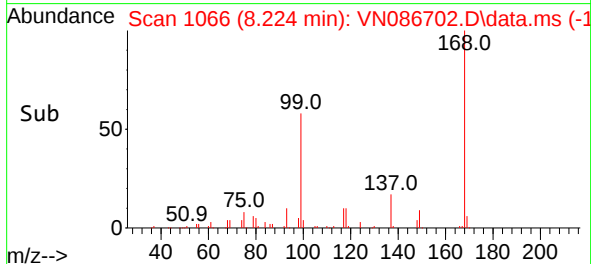
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#19



Tgt Ion:168 Resp: 190538
Ion Ratio Lower Upper
168 100
99 57.9 47.0 70.4

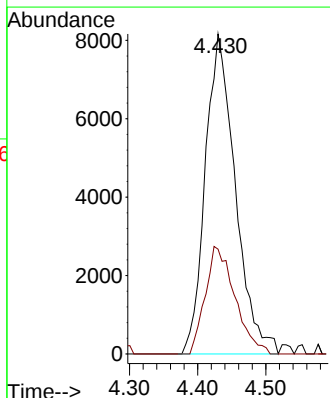
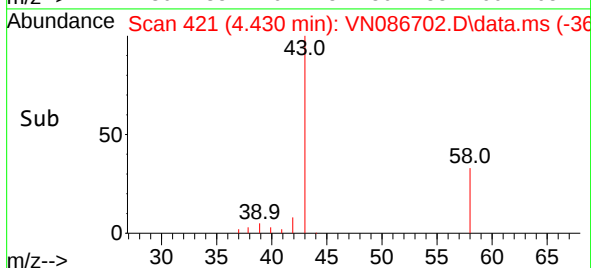
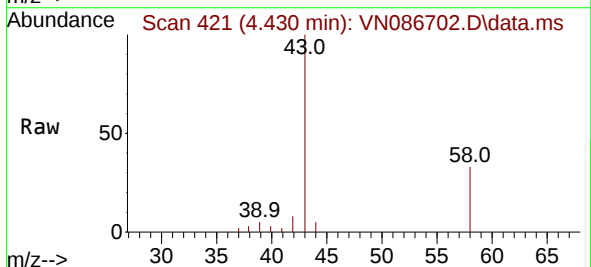
Manual Integrations
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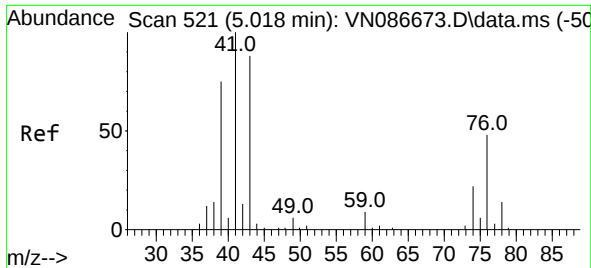
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#16
Acetone
Concen: 25.399 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086702.D
Acq: 19 May 2025 20:18

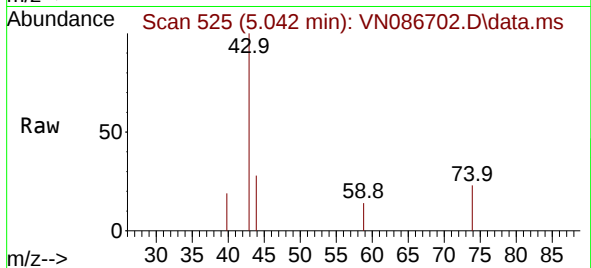
Tgt Ion: 43 Resp: 25015
Ion Ratio Lower Upper
43 100
58 32.8 25.8 38.6





#18
Methyl Acetate
Concen: 1.569 ug/l
RT: 5.042 min Scan# 51
Delta R.T. 0.023 min
Lab File: VN086702.D
Acq: 19 May 2025 20:18

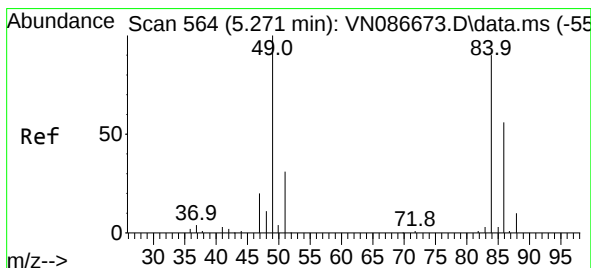
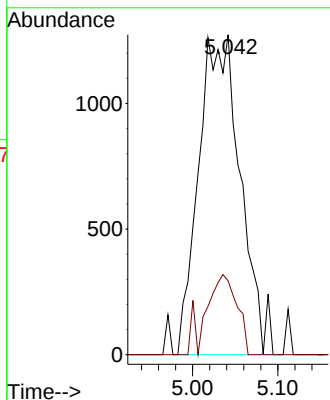
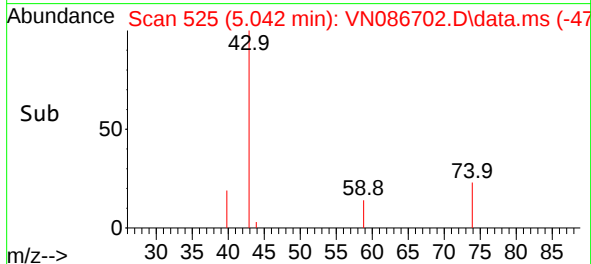
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#19



Tgt Ion: 43 Resp: 4324
Ion Ratio Lower Upper
43 100
74 16.9 20.5 30.7

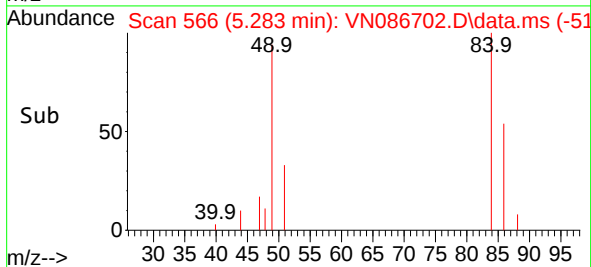
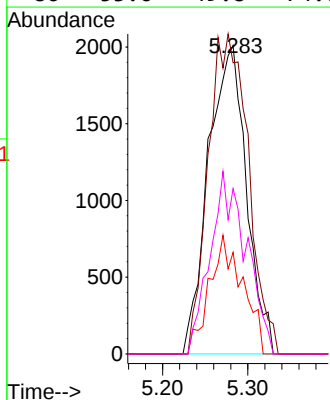
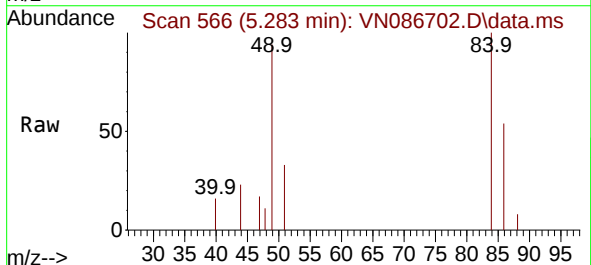
Manual Integrations
APPROVED

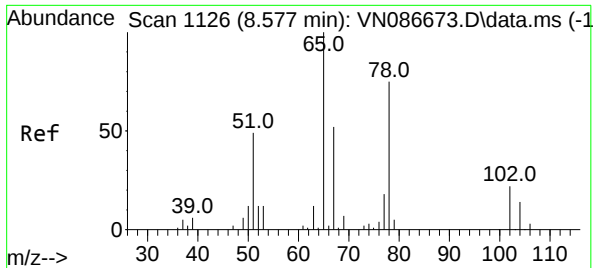
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#20
Methylene Chloride
Concen: 2.398 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN086702.D
Acq: 19 May 2025 20:18

Tgt Ion: 84 Resp: 6232
Ion Ratio Lower Upper
84 100
49 94.4 88.8 133.2
51 32.9 27.8 41.6
86 53.6 49.8 74.6





#33

1,2-Dichloroethane-d4

Concen: 51.837 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086702.D

Acq: 19 May 2025 20:18

Instrument :

MSVOA_N

ClientSampleId :

PB168034ZHE#19

Tgt Ion: 65 Resp: 13648

Ion Ratio Lower Upper

65 100

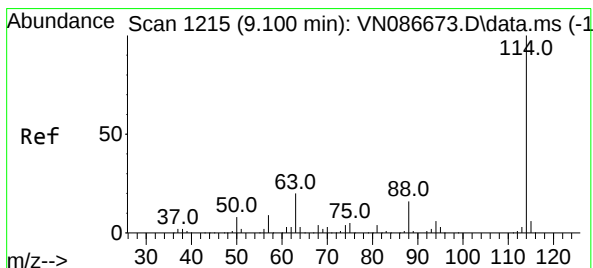
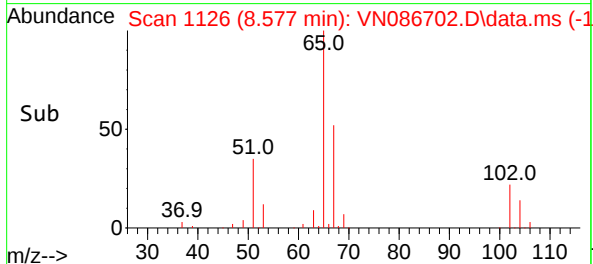
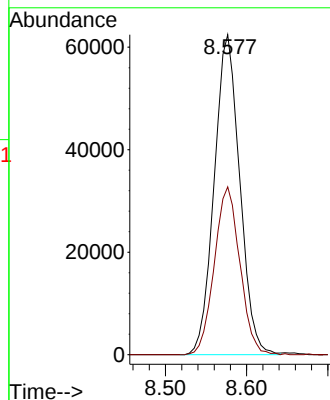
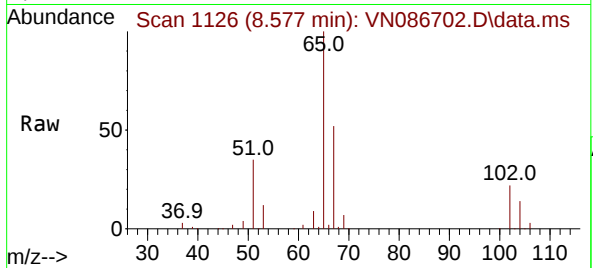
67 52.4 0.0 106.4

Manual Integrations

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Supervised By :Mahesh Dadoda 05/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086702.D

Acq: 19 May 2025 20:18

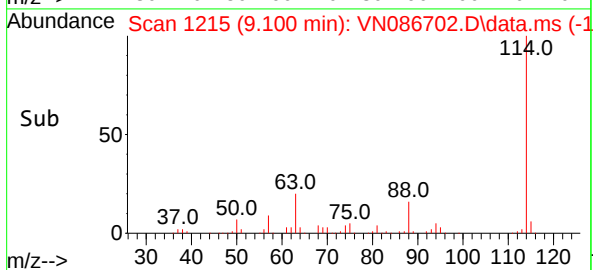
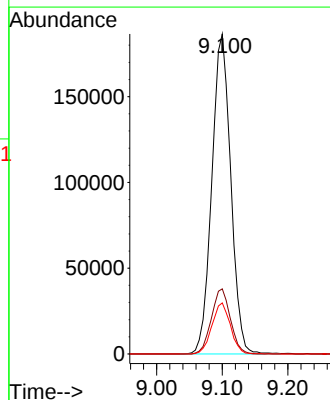
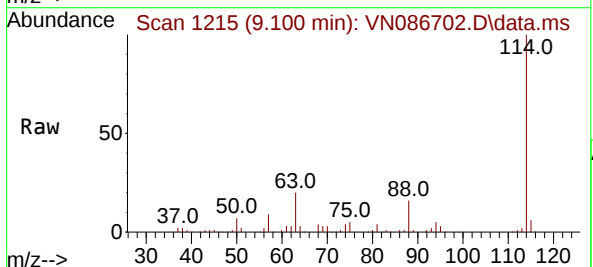
Tgt Ion:114 Resp: 373834

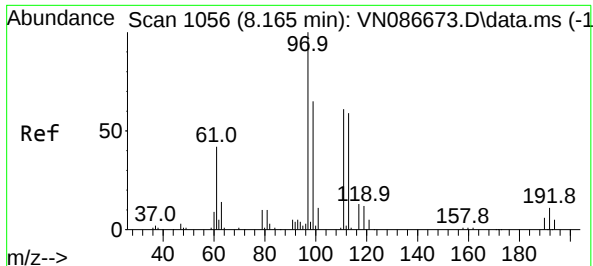
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.2

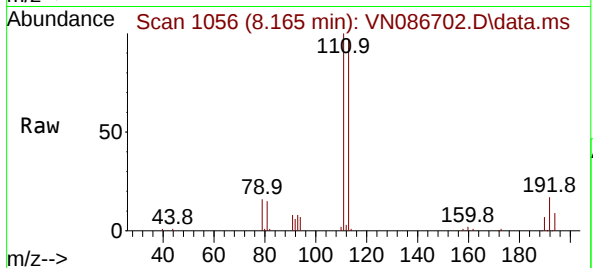
88 16.0 0.0 31.2





#35
Dibromofluoromethane
Concen: 51.303 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086702.D
Acq: 19 May 2025 20:18

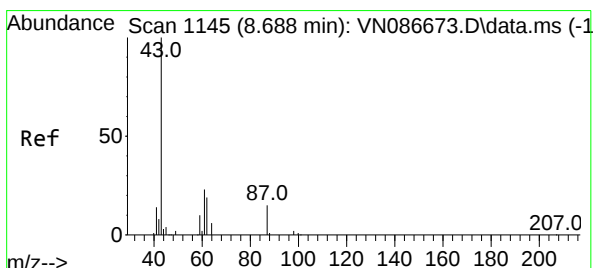
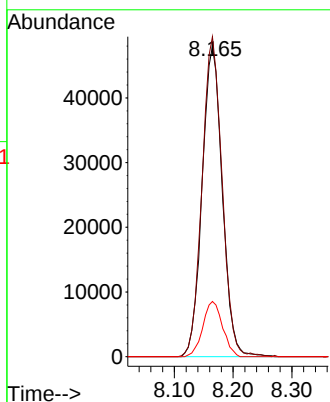
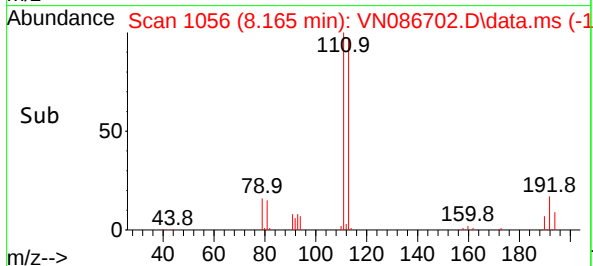
Instrument :
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ClientSampleId :
PB168034ZHE#19



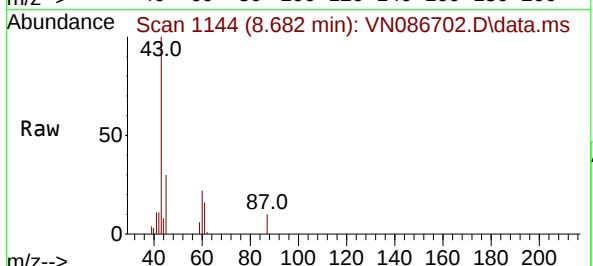
Tgt Ion: 113 Resp: 114218
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 17.4 13.8 20.8

Manual Integrations
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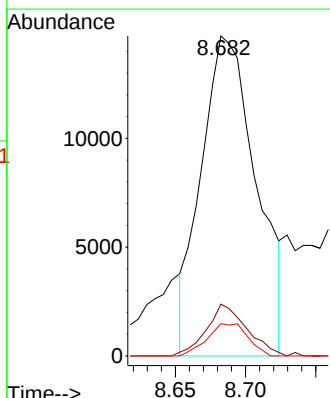
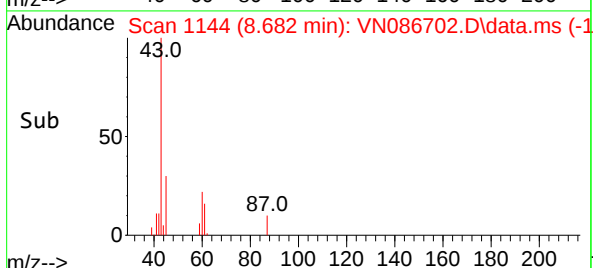
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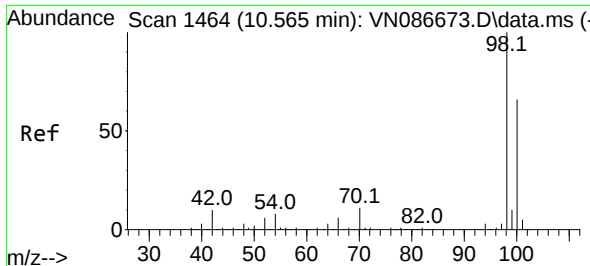


#43
Isopropyl Acetate
Concen: 6.045 ug/l m
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086702.D
Acq: 19 May 2025 20:18



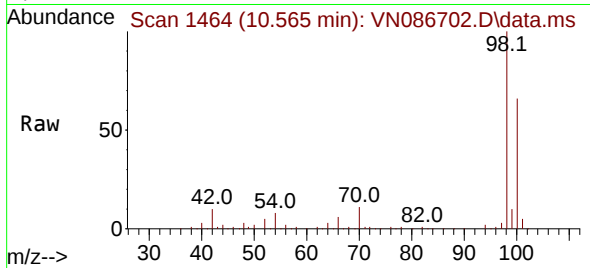
Tgt Ion: 43 Resp: 40200
Ion Ratio Lower Upper
43 100
61 12.0 21.4 32.2#
87 7.4 11.1 16.7#





#50
Toluene-d8
Concen: 53.209 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086702.D
Acq: 19 May 2025 20:18

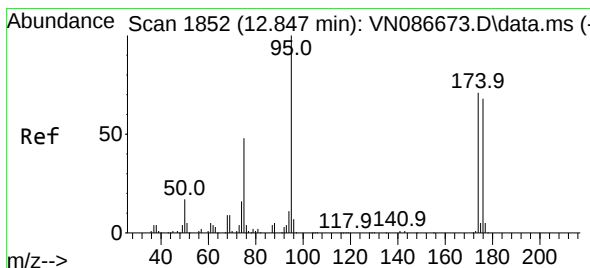
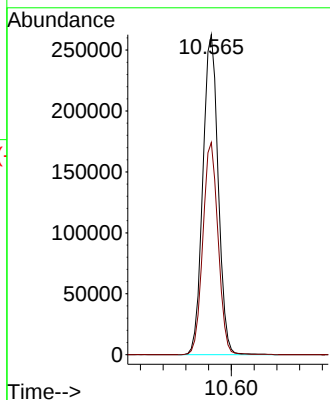
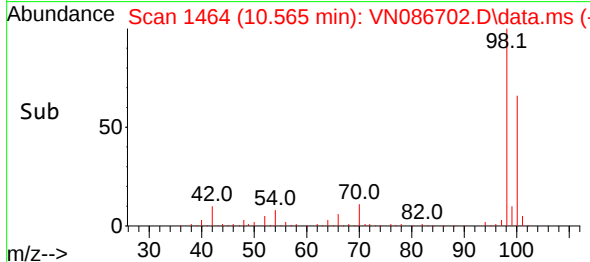
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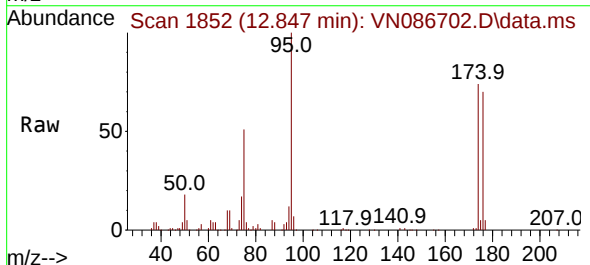
Tgt Ion: 98 Resp: 490900
Ion Ratio Lower Upper
98 100
100 65.7 52.9 79.3

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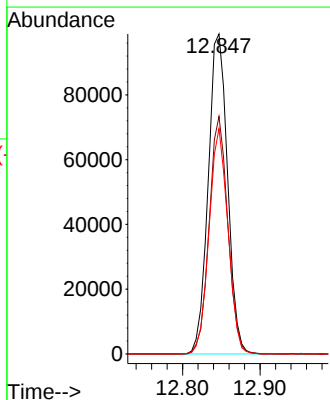
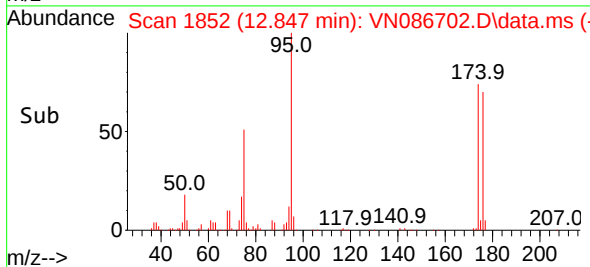
Reviewed By :John Carlone 05/21/2025
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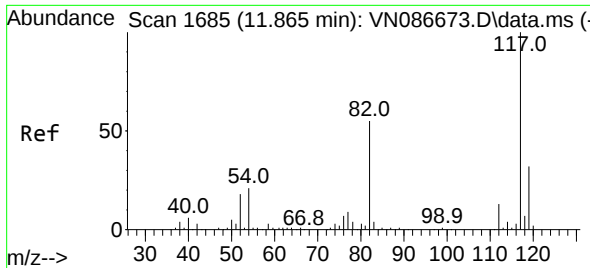


#62
4-Bromofluorobenzene
Concen: 52.580 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086702.D
Acq: 19 May 2025 20:18



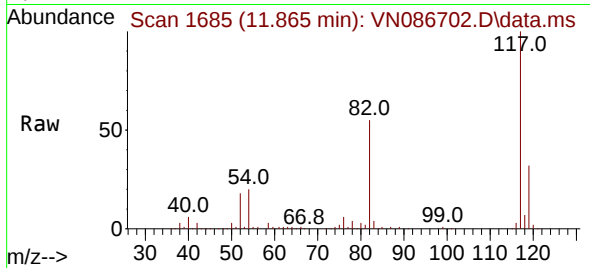
Tgt Ion: 95 Resp: 171288
Ion Ratio Lower Upper
95 100
174 71.6 0.0 145.4
176 68.4 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086702.D
Acq: 19 May 2025 20:18

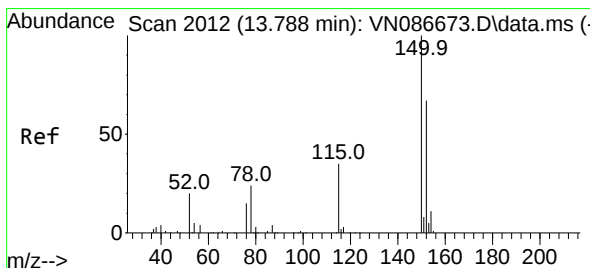
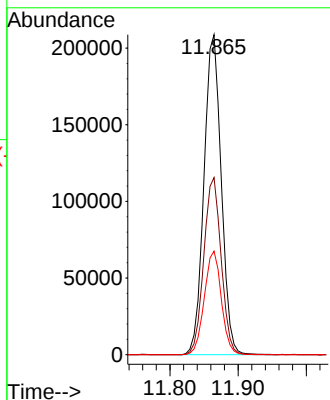
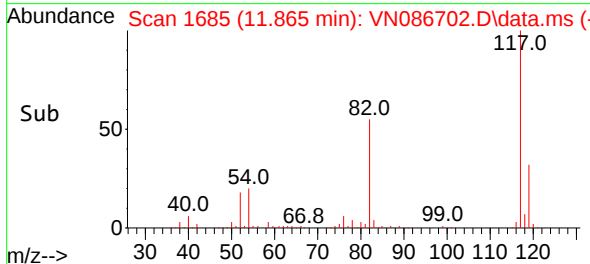
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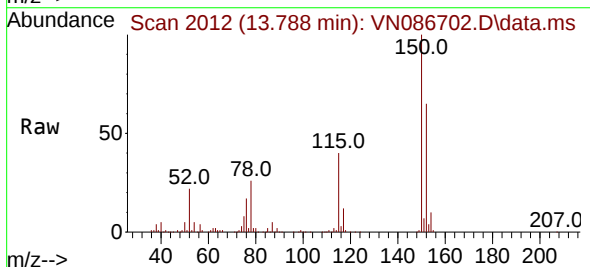
Tgt Ion:117 Resp: 368379
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.2
119 32.4 25.4 38.2

Manual Integrations
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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: VN086702.D
Acq: 19 May 2025 20:18



Tgt Ion:152 Resp: 147211
Ion Ratio Lower Upper
152 100
115 61.0 30.0 90.1
150 157.2 0.0 347.8

