

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
 Data File : VN086697.D
 Acq On : 19 May 2025 18:17
 Operator : JC\MD
 Sample : PB168034ZHE#14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168034ZHE#14

Manual Integrations
 APPROVED

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

Quant Time: May 20 03:22:55 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	159903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	318174	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	310923	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	128720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118224	53.506	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 107.020%		
35) Dibromofluoromethane	8.165	113	99274	52.391	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 104.780%		
50) Toluene-d8	10.565	98	412544	52.537	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 105.080%		
62) 4-Bromofluorobenzene	12.847	95	144561	52.138	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery	= 104.280%		
Target Compounds						Qvalue
16) Acetone	4.424	43	26254	31.764	ug/l	96
18) Methyl Acetate	5.036	43	3968	1.715	ug/l #	87
20) Methylene Chloride	5.265	84	4081	1.871	ug/l	87
43) Isopropyl Acetate	8.688	43	40289m	7.118	ug/l	

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

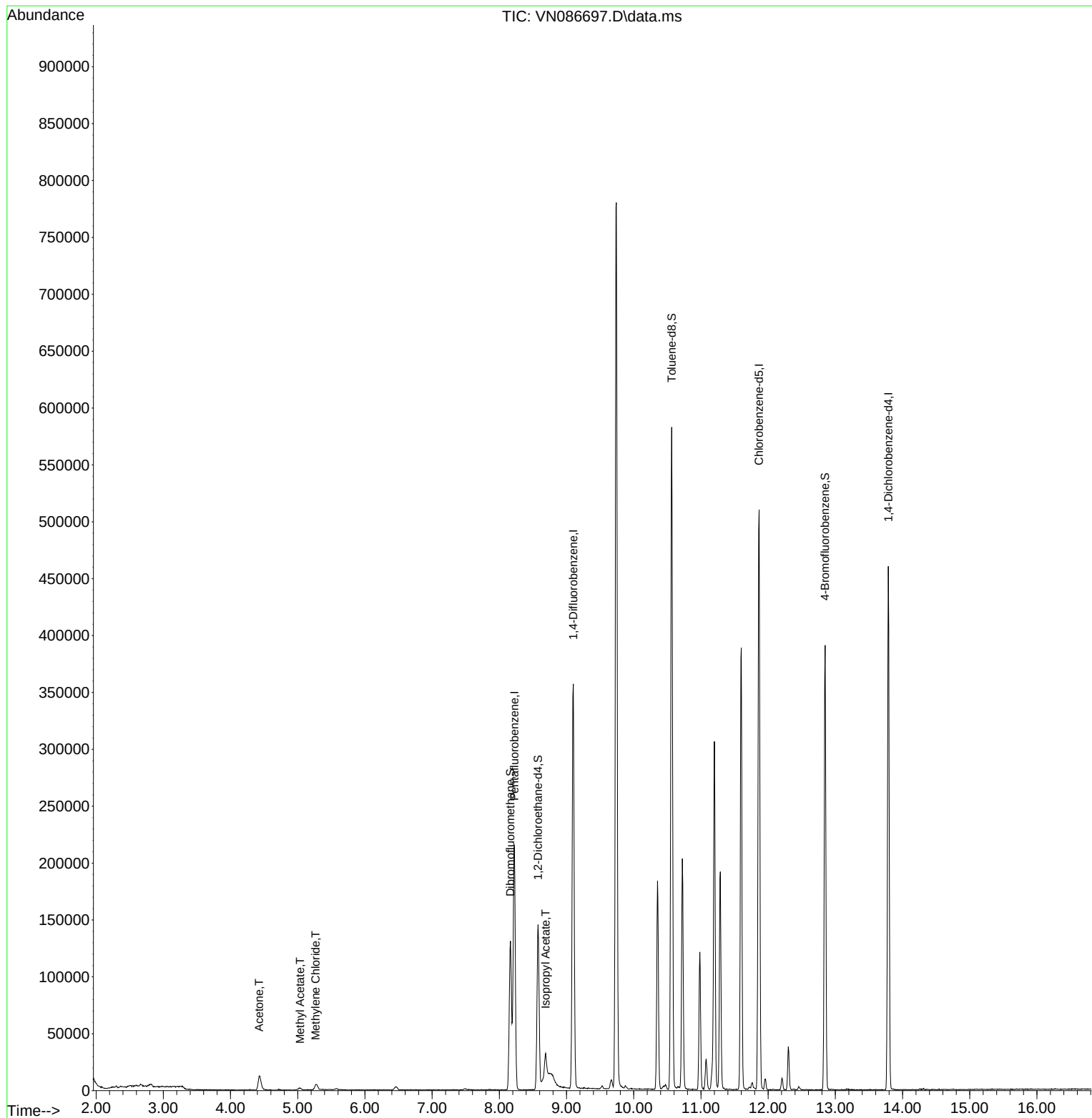
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
Data File : VN086697.D
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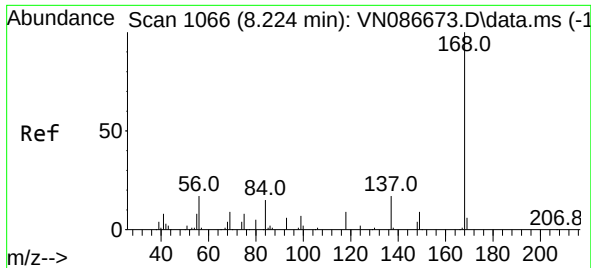
Instrument :
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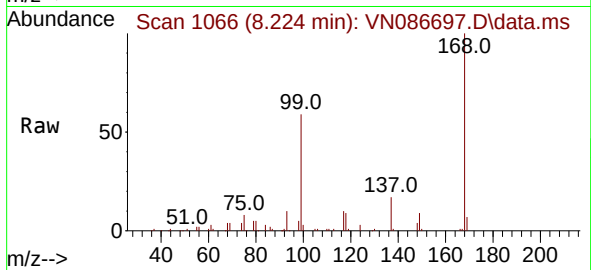
Quant Time: May 20 03:22:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086697.D
Acq: 19 May 2025 18:17

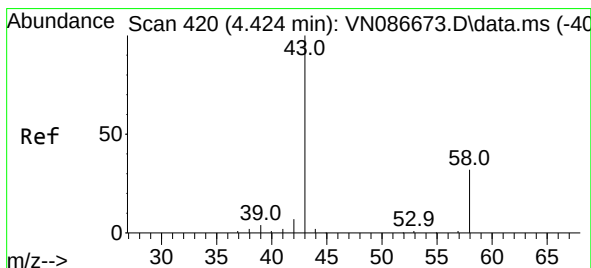
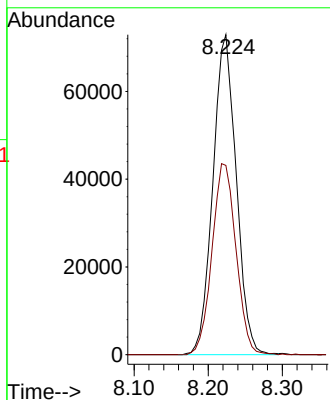
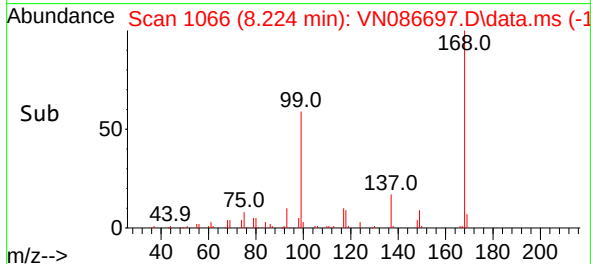
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#14



Tgt Ion:168 Resp: 15990
Ion Ratio Lower Upper
168 100
99 59.1 47.0 70.4

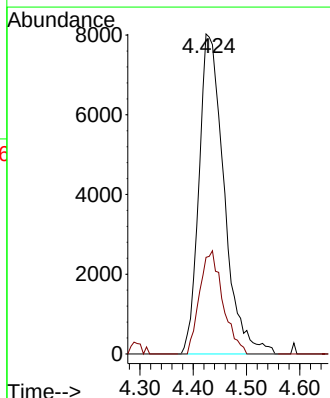
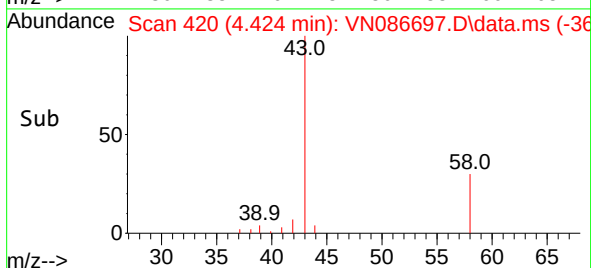
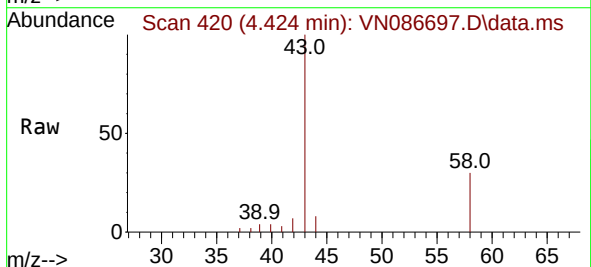
Manual Integrations
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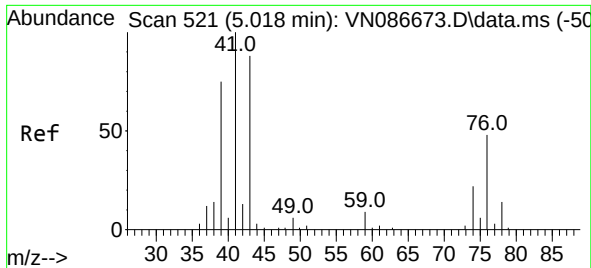
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#16
Acetone
Concen: 31.764 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN086697.D
Acq: 19 May 2025 18:17

Tgt Ion: 43 Resp: 26254
Ion Ratio Lower Upper
43 100
58 30.2 25.8 38.6





#18

Methyl Acetate

Concen: 1.715 ug/l

RT: 5.036 min Scan# 51

Delta R.T. 0.018 min

Lab File: VN086697.D

Acq: 19 May 2025 18:17

Instrument :

MSVOA_N

ClientSampleId :

PB168034ZHE#14

Tgt Ion: 43 Resp: 396

Ion Ratio Lower Upper

43 100

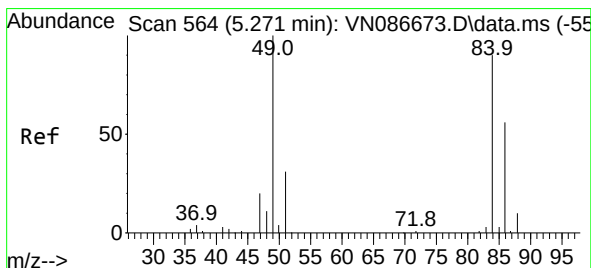
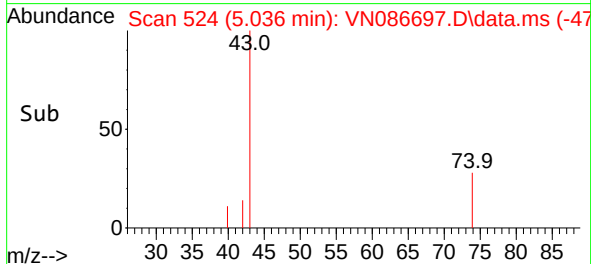
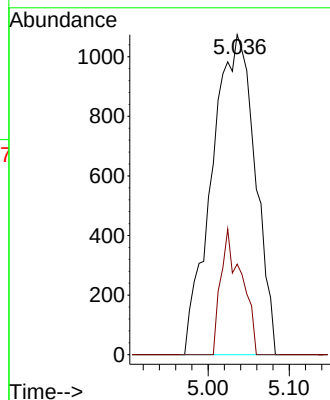
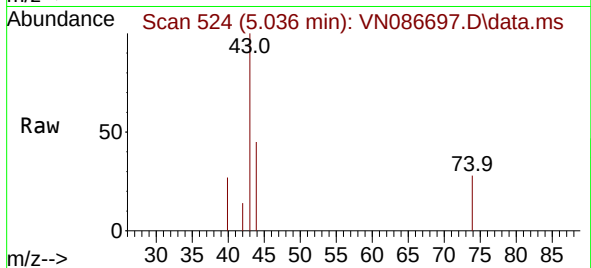
74 19.1 20.5 30.7

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#20

Methylene Chloride

Concen: 1.871 ug/l

RT: 5.265 min Scan# 563

Delta R.T. -0.006 min

Lab File: VN086697.D

Acq: 19 May 2025 18:17

Tgt Ion: 84 Resp: 4081

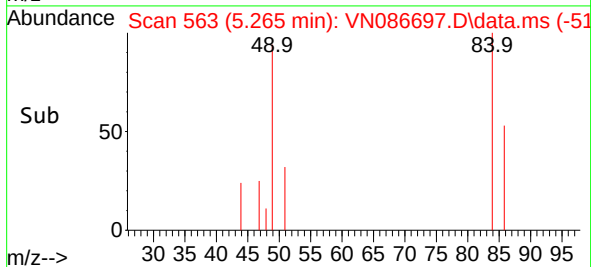
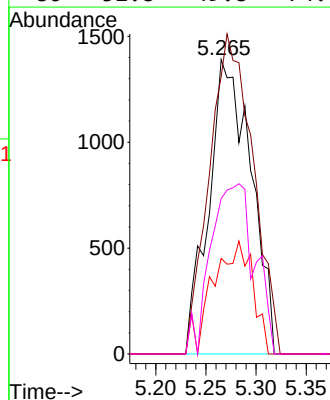
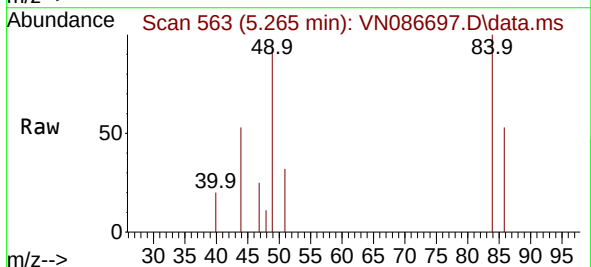
Ion Ratio Lower Upper

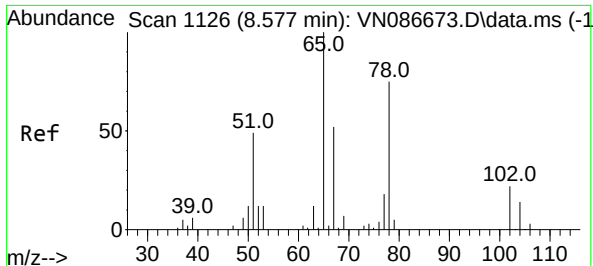
84 100

49 94.2 88.8 133.2

51 32.4 27.8 41.6

86 52.8 49.8 74.6





#33

1,2-Dichloroethane-d4

Concen: 53.506 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086697.D

Acq: 19 May 2025 18:17

Instrument :

MSVOA_N

ClientSampleId :

PB168034ZHE#14

Tgt Ion: 65 Resp: 118224

Ion Ratio Lower Upper

65 100

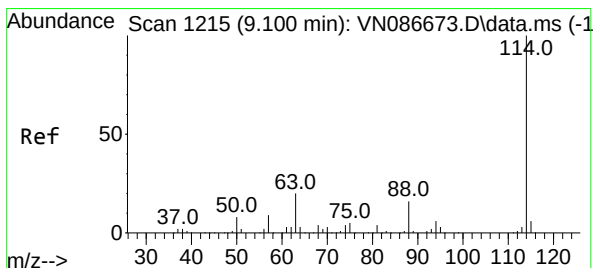
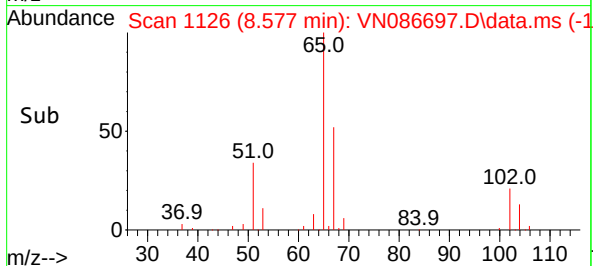
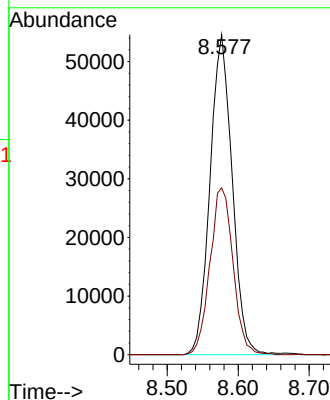
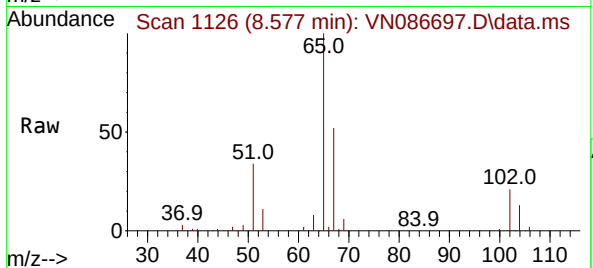
67 54.3 0.0 106.4

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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: VN086697.D

Acq: 19 May 2025 18:17

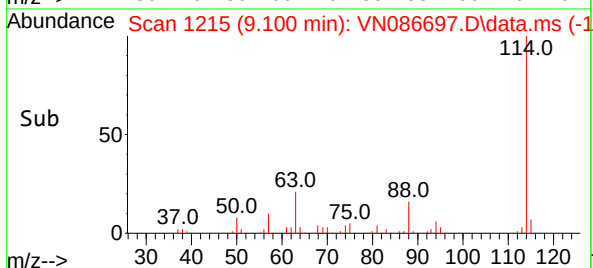
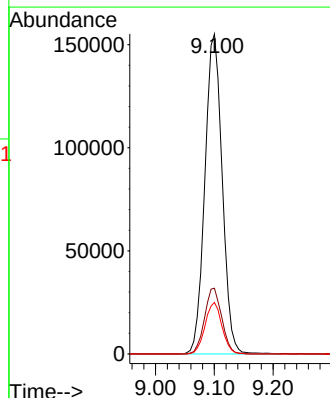
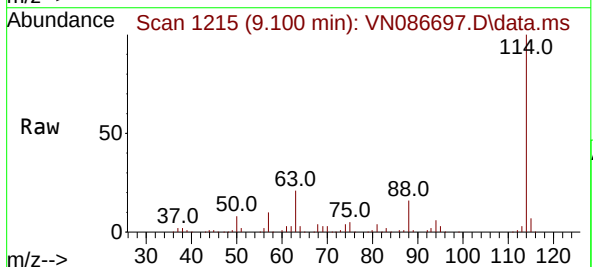
Tgt Ion:114 Resp: 318174

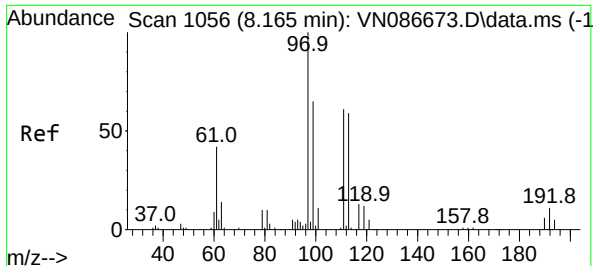
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.2

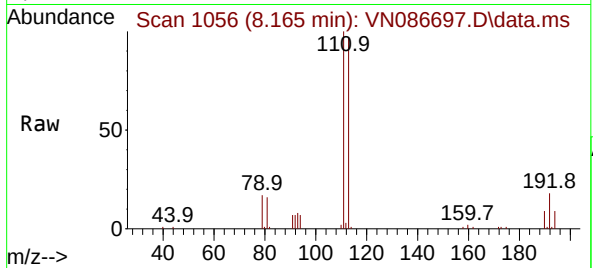
88 16.1 0.0 31.2





#35
 Dibromofluoromethane
 Concen: 52.391 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN086697.D
 Acq: 19 May 2025 18:17

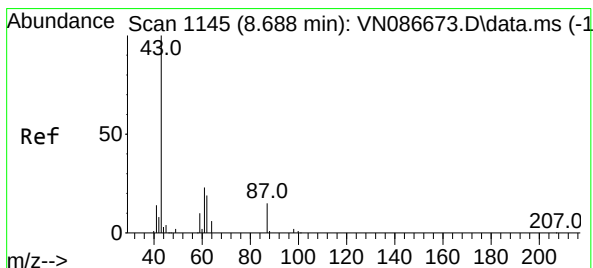
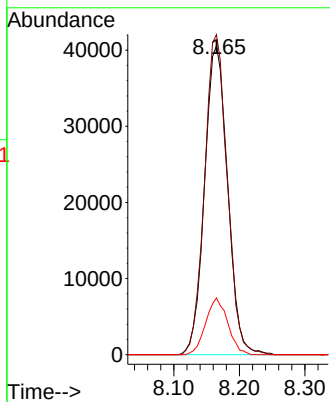
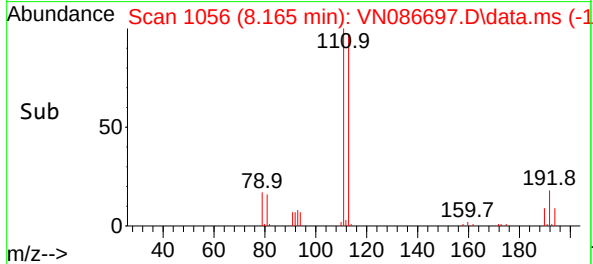
Instrument :
 MSVOA_N
 ClientSampleId :
 PB168034ZHE#14



Tgt Ion: 113 Resp: 99274
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.2 123.2
 192 17.5 13.8 20.8

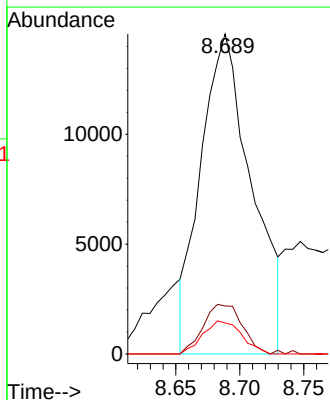
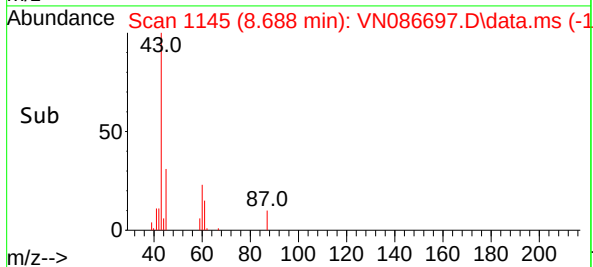
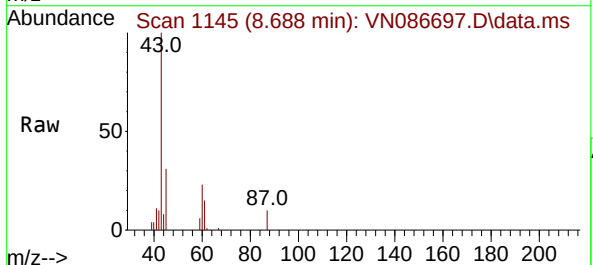
Manual Integrations
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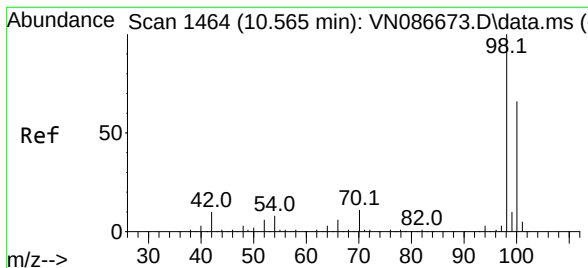
Reviewed By :John Carlone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025



#43
 Isopropyl Acetate
 Concen: 7.118 ug/l m
 RT: 8.688 min Scan# 1145
 Delta R.T. 0.000 min
 Lab File: VN086697.D
 Acq: 19 May 2025 18:17

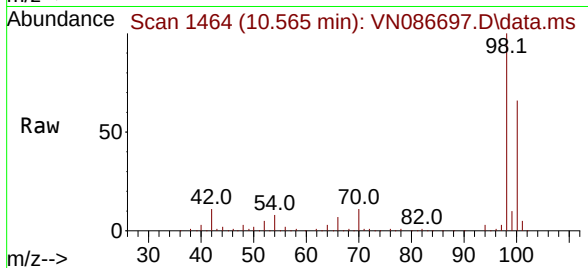
Tgt Ion: 43 Resp: 40289
 Ion Ratio Lower Upper
 43 100
 61 11.9 21.4 32.2#
 87 7.9 11.1 16.7#





#50
Toluene-d8
Concen: 52.537 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086697.D
Acq: 19 May 2025 18:17

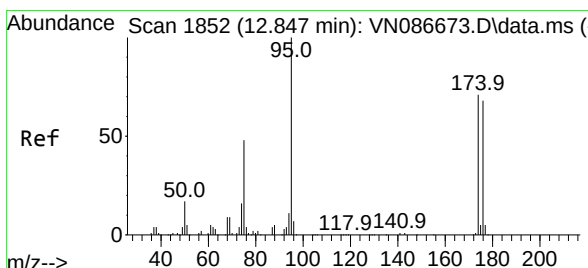
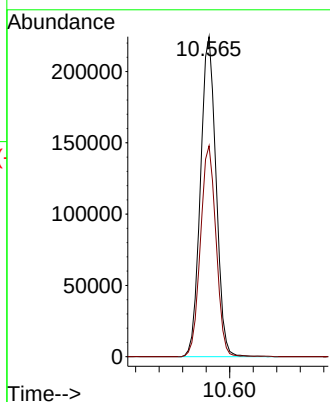
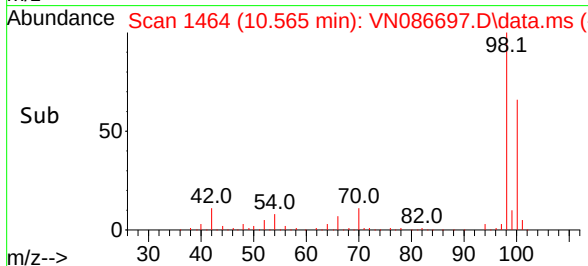
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ClientSampleId :
PB168034ZHE#14



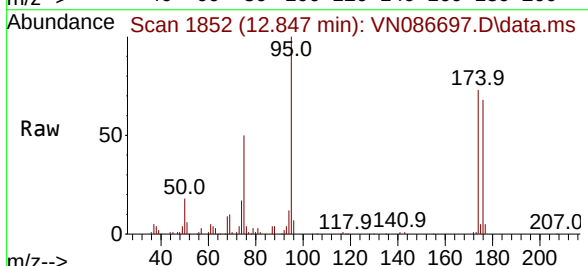
Tgt Ion: 98 Resp: 412544
Ion Ratio Lower Upper
98 100
100 65.9 52.9 79.3

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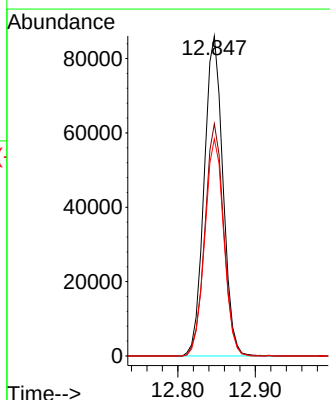
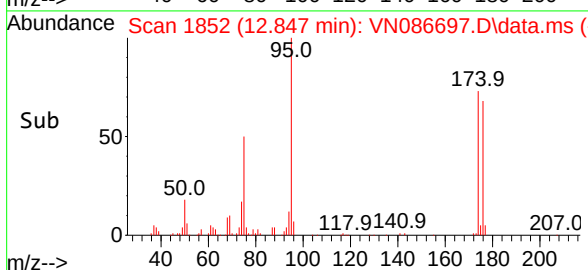
Reviewed By :John Carlone 05/21/2025
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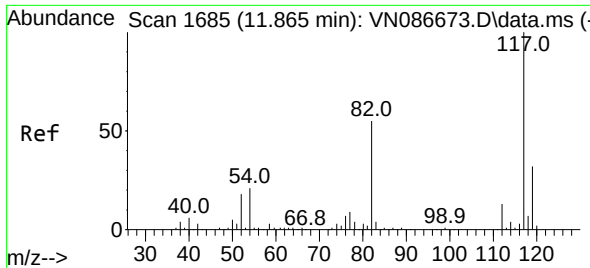


#62
4-Bromofluorobenzene
Concen: 52.138 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086697.D
Acq: 19 May 2025 18:17



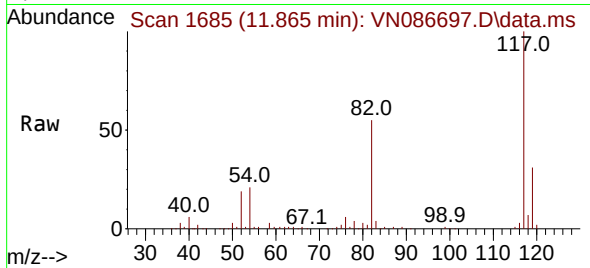
Tgt Ion: 95 Resp: 144561
Ion Ratio Lower Upper
95 100
174 72.8 0.0 145.4
176 68.8 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086697.D
Acq: 19 May 2025 18:17

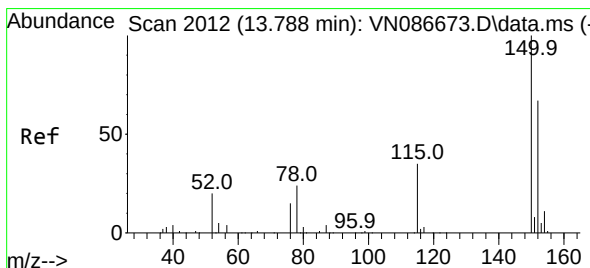
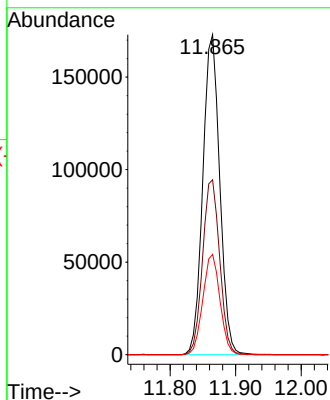
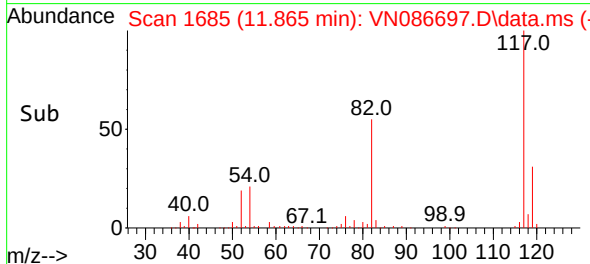
Instrument :
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PB168034ZHE#14



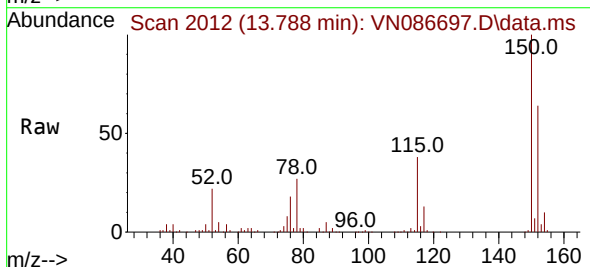
Tgt Ion:117 Resp: 31092
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.2
119 31.4 25.4 38.2

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: VN086697.D
Acq: 19 May 2025 18:17



Tgt Ion:152 Resp: 128720
Ion Ratio Lower Upper
152 100
115 59.8 30.0 90.1
150 156.4 0.0 347.8

