

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
 Data File : VN086687.D
 Acq On : 19 May 2025 14:15
 Operator : JC\MD
 Sample : PB168034ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168034ZHE#04

Manual Integrations
 APPROVED

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

Quant Time: May 20 03:18:51 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	203868	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	389357	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	383243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	157036	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	140972	50.042	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 100.080%		
35) Dibromofluoromethane	8.165	113	116465	50.227	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 100.460%		
50) Toluene-d8	10.565	98	509433	53.015	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 106.040%		
62) 4-Bromofluorobenzene	12.847	95	181608	53.525	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery	= 107.060%		
Target Compounds						Qvalue
16) Acetone	4.424	43	24673	23.414	ug/l	98
18) Methyl Acetate	5.036	43	3889	1.319	ug/l #	73
20) Methylene Chloride	5.277	84	16142	5.805	ug/l	95
25) 2-Butanone	7.489	43	9765	5.997	ug/l	95
43) Isopropyl Acetate	8.683	43	40158m	5.798	ug/l	

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

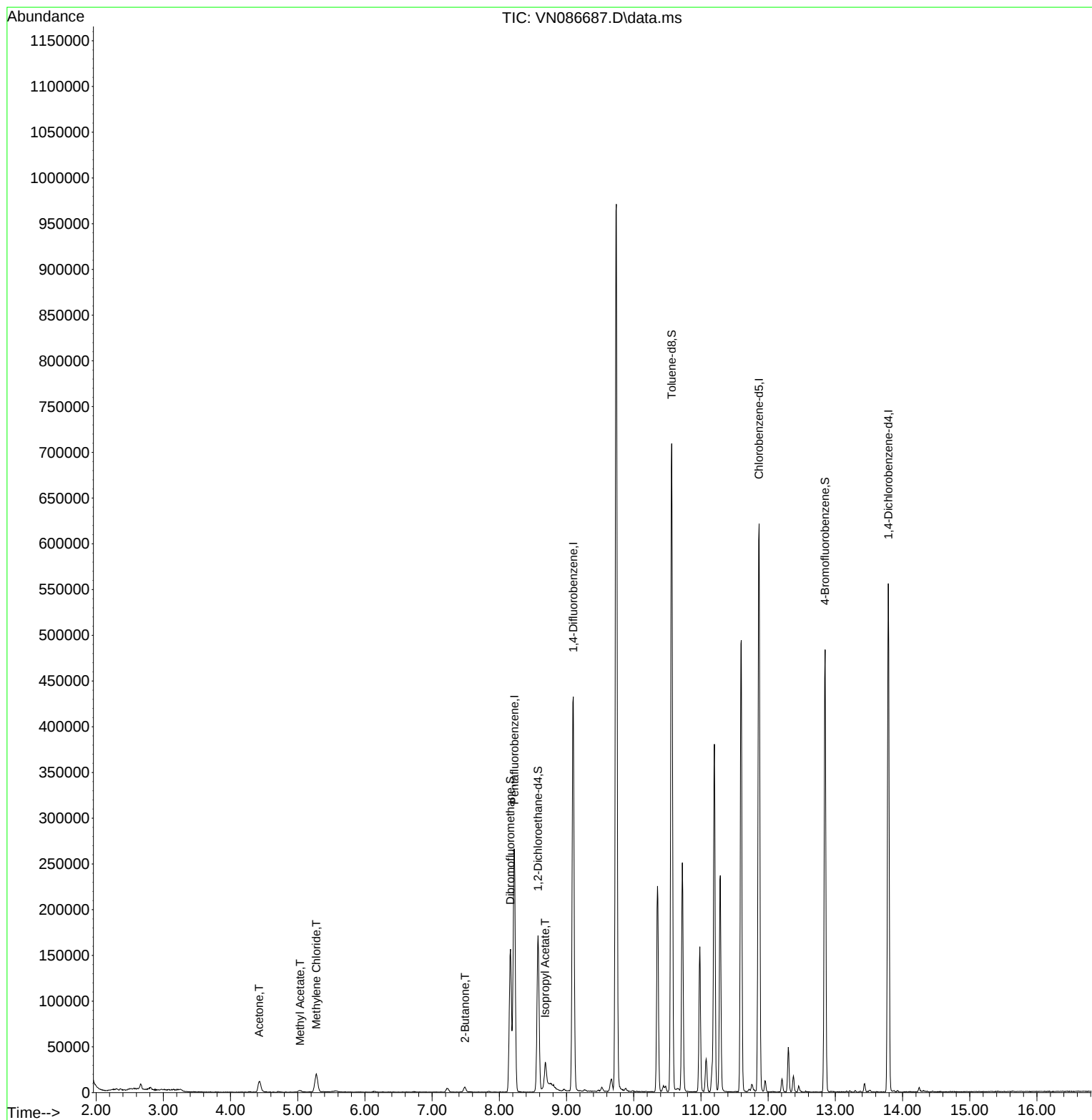
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
Data File : VN086687.D
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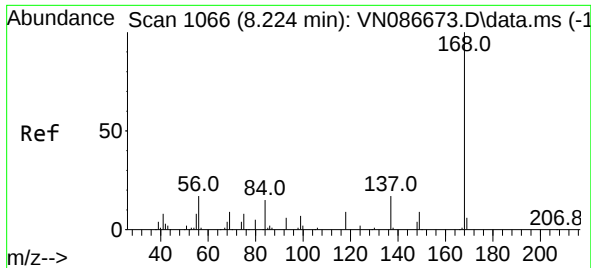
Instrument :
MSVOA_N
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PB168034ZHE#04

Quant Time: May 20 03:18:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
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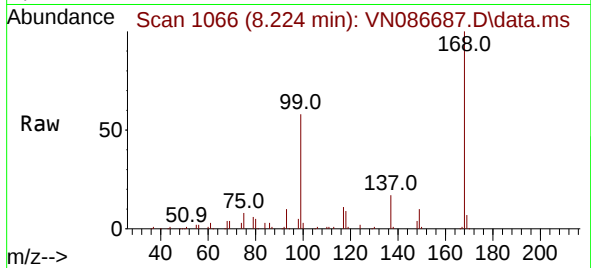
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086687.D
Acq: 19 May 2025 14:15

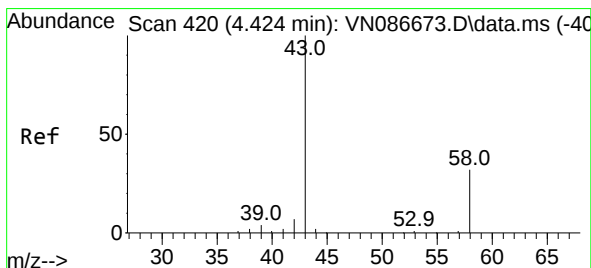
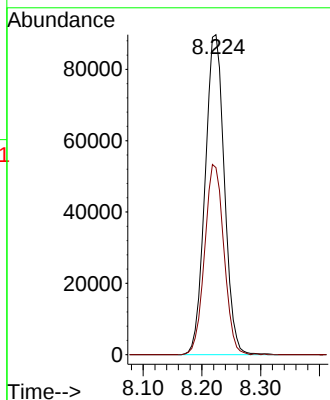
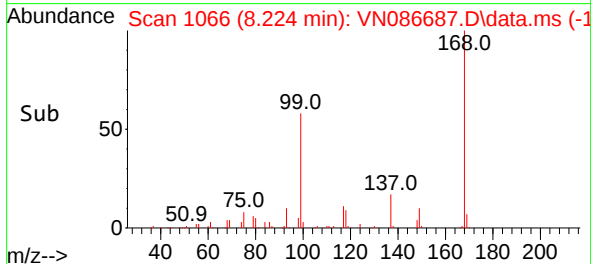
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#04



Tgt Ion:168 Resp: 20386
Ion Ratio Lower Upper
168 100
99 58.5 47.0 70.4

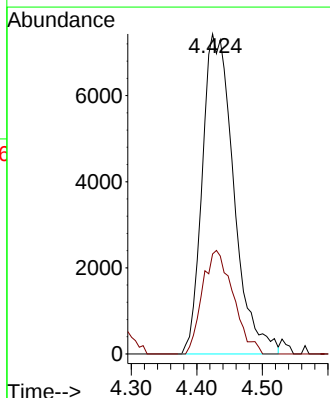
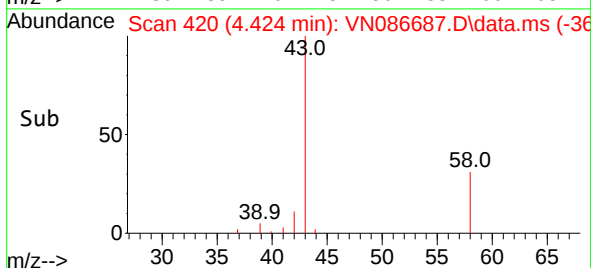
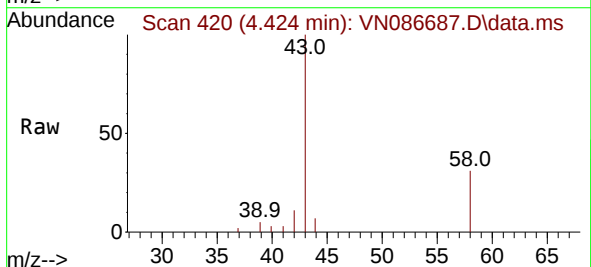
Manual Integrations
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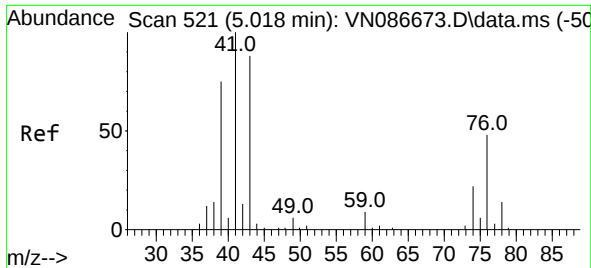
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#16
Acetone
Concen: 23.414 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN086687.D
Acq: 19 May 2025 14:15

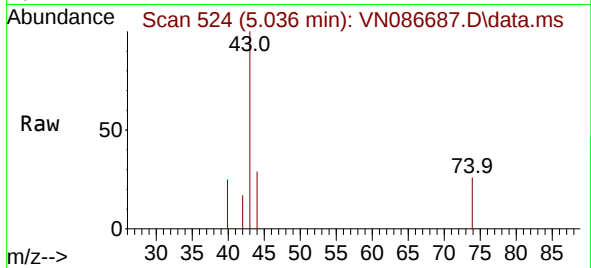
Tgt Ion: 43 Resp: 24673
Ion Ratio Lower Upper
43 100
58 31.3 25.8 38.6





#18
Methyl Acetate
Concen: 1.319 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN086687.D
Acq: 19 May 2025 14:15

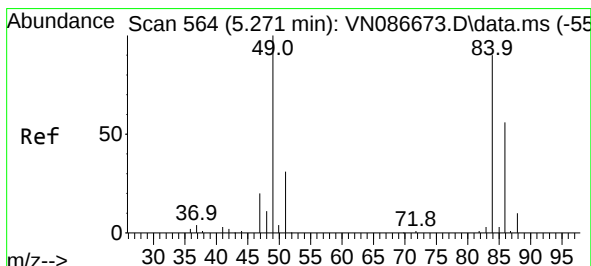
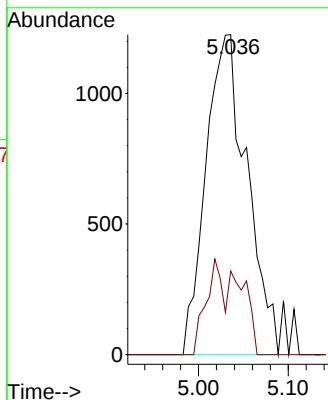
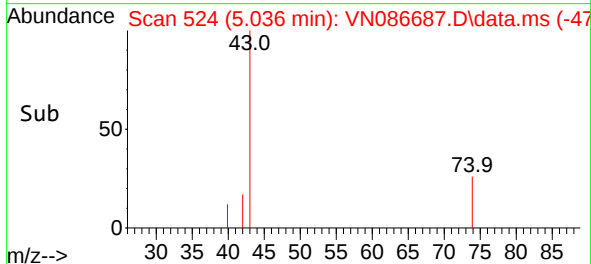
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#04



Tgt Ion: 43 Resp: 3889
Ion Ratio Lower Upper
43 100
74 11.8 20.5 30.7

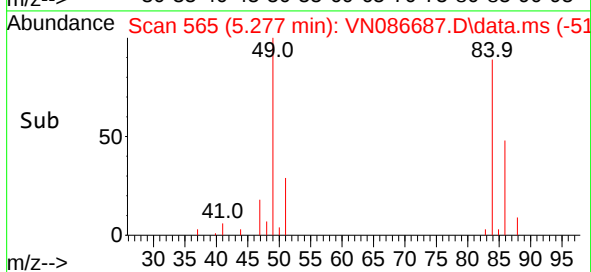
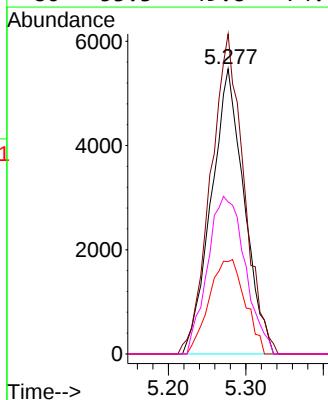
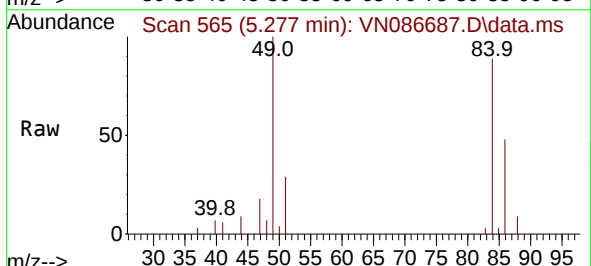
Manual Integrations
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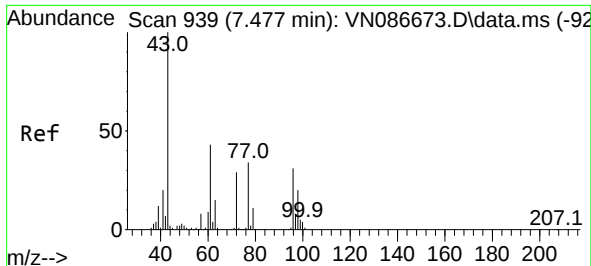
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#20
Methylene Chloride
Concen: 5.805 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086687.D
Acq: 19 May 2025 14:15

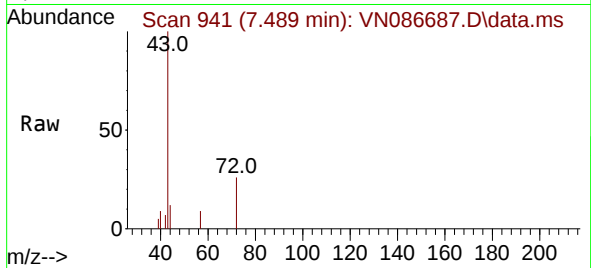
Tgt Ion: 84 Resp: 16142
Ion Ratio Lower Upper
84 100
49 112.2 88.8 133.2
51 32.4 27.8 41.6
86 53.3 49.8 74.6





#25
2-Butanone
Concen: 5.997 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN086687.D
Acq: 19 May 2025 14:15

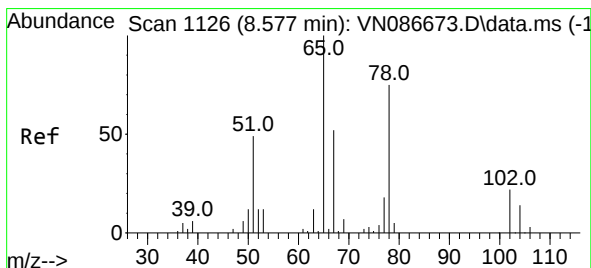
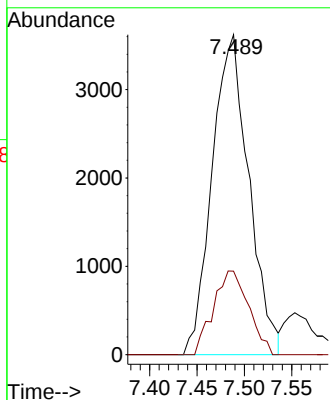
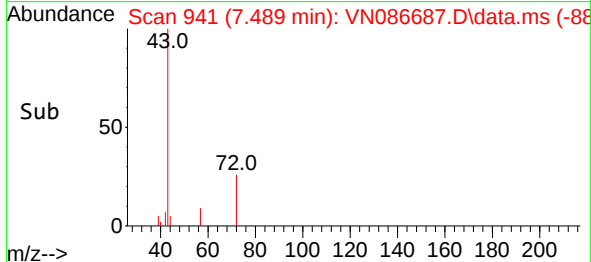
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#04



Tgt Ion: 43 Resp: 976
Ion Ratio Lower Upper
43 100
72 26.1 23.1 34.7

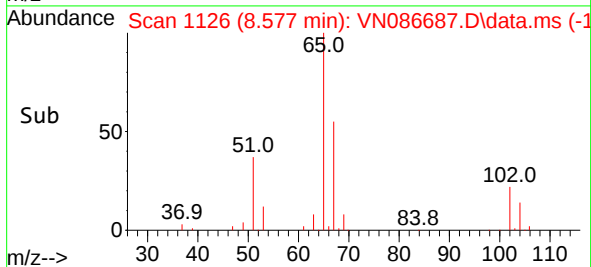
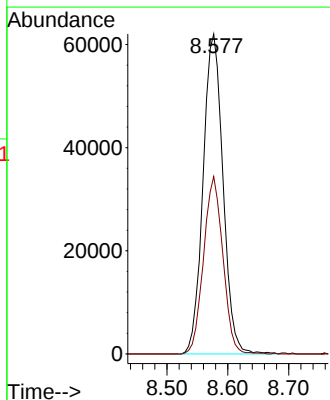
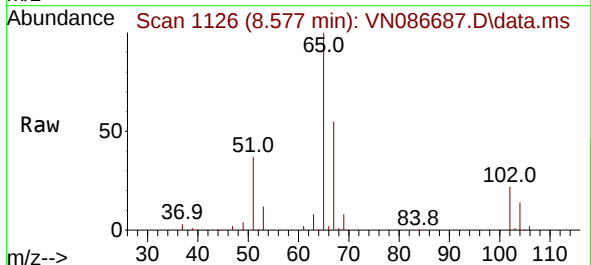
Manual Integrations
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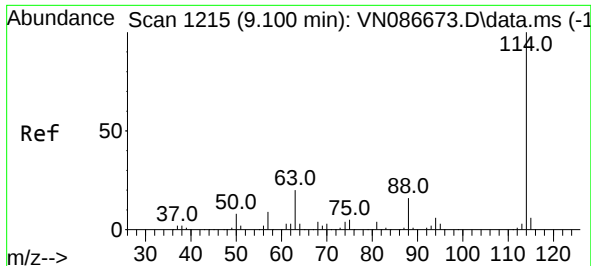
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#33
1,2-Dichloroethane-d4
Concen: 50.042 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086687.D
Acq: 19 May 2025 14:15

Tgt Ion: 65 Resp: 140972
Ion Ratio Lower Upper
65 100
67 53.7 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: VN086687.D

Acq: 19 May 2025 14:15

Instrument :

MSVOA_N

ClientSampleId :

PB168034ZHE#04

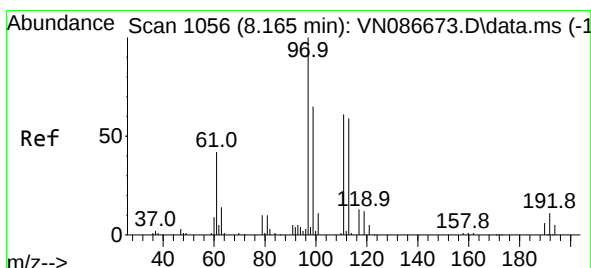
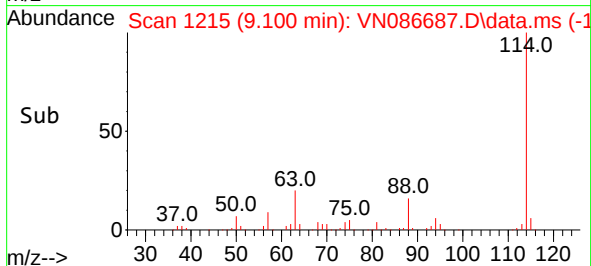
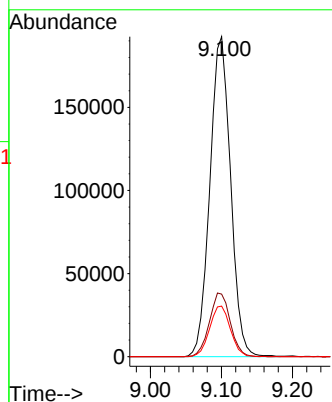
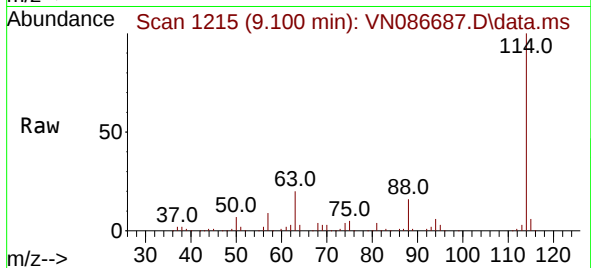
Tgt Ion:	114	Resp:	38935
Ion Ratio	Lower	Upper	
114	100		
63	19.5	0.0	40.2
88	15.8	0.0	31.2

Manual Integrations

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Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#35

Dibromofluoromethane

Concen: 50.227 ug/l

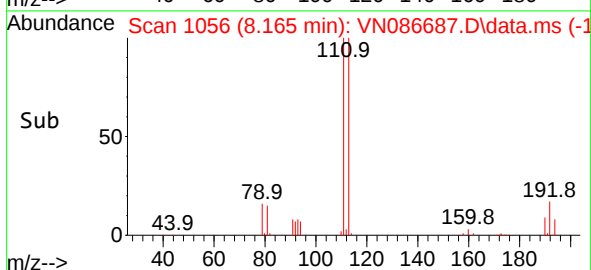
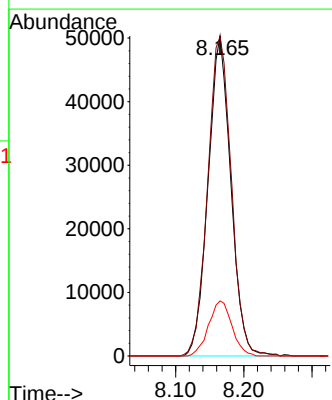
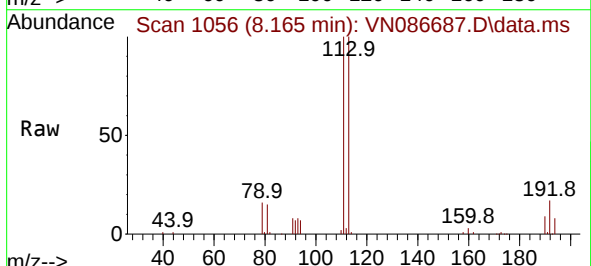
RT: 8.165 min Scan# 1056

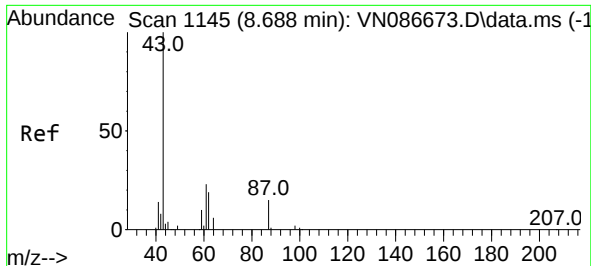
Delta R.T. 0.000 min

Lab File: VN086687.D

Acq: 19 May 2025 14:15

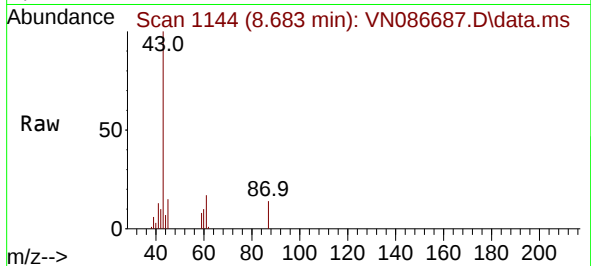
Tgt Ion:	113	Resp:	116465
Ion Ratio	Lower	Upper	
113	100		
111	103.9	82.2	123.2
192	17.7	13.8	20.8





#43
Isopropyl Acetate
Concen: 5.798 ug/l m
RT: 8.683 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN086687.D
Acq: 19 May 2025 14:15

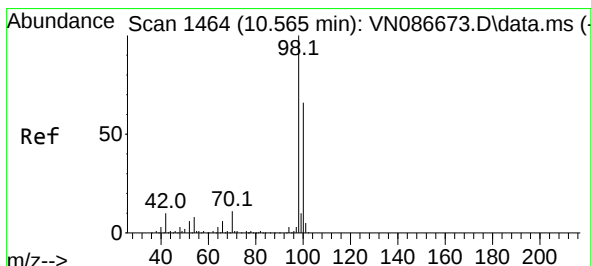
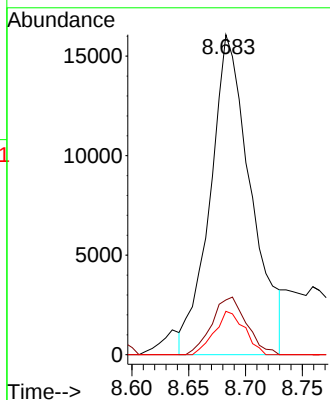
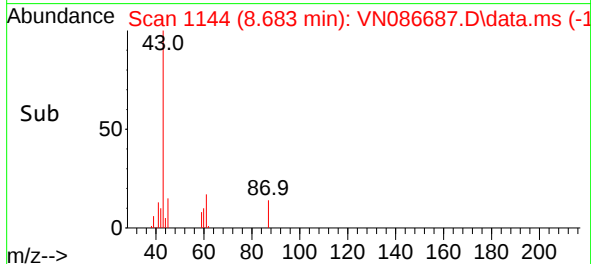
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#04



Tgt Ion: 43 Resp: 40158
Ion Ratio Lower Upper
43 100
61 15.4 21.4 32.2
87 10.0 11.1 16.7

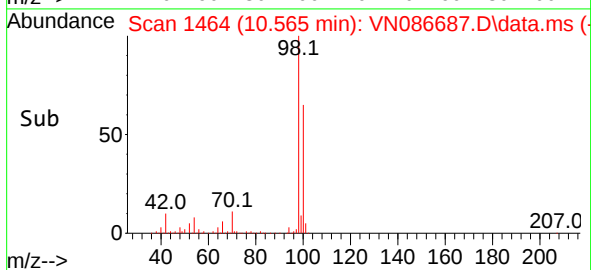
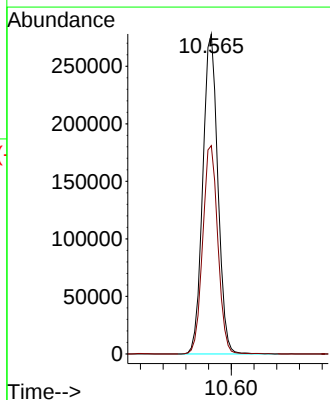
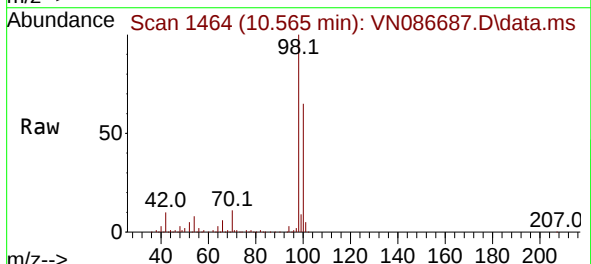
Manual Integrations
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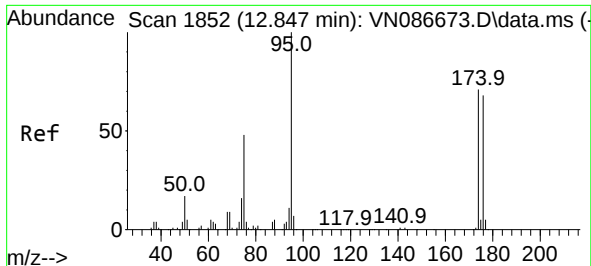
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#50
Toluene-d8
Concen: 53.015 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086687.D
Acq: 19 May 2025 14:15

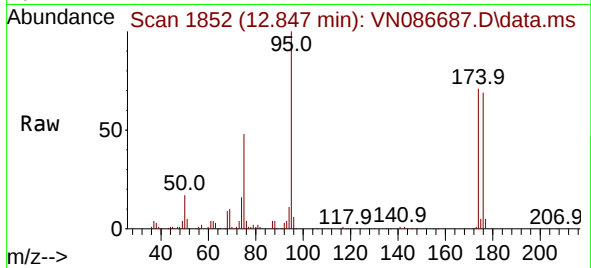
Tgt Ion: 98 Resp: 509433
Ion Ratio Lower Upper
98 100
100 65.4 52.9 79.3





#62
4-Bromofluorobenzene
Concen: 53.525 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086687.D
Acq: 19 May 2025 14:15

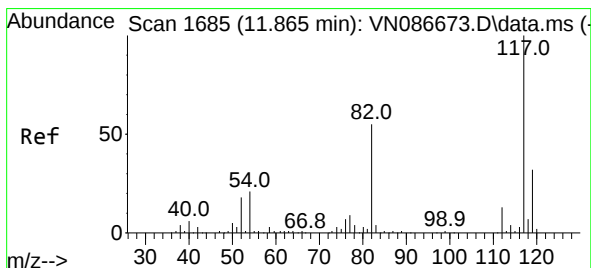
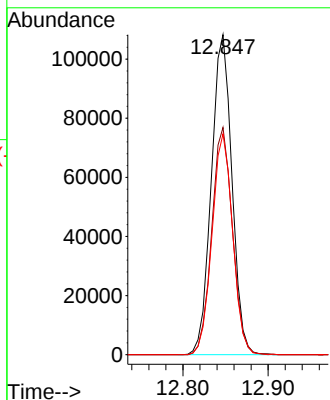
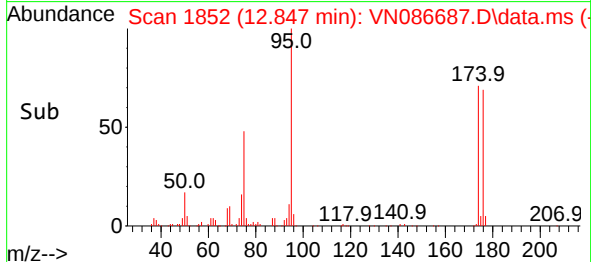
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#04



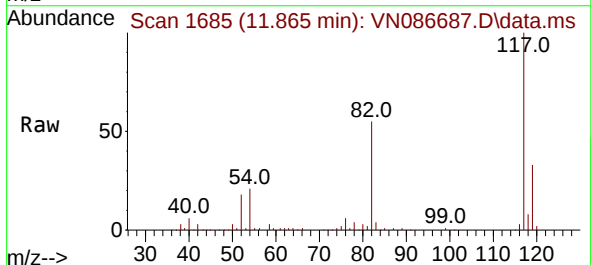
Tgt Ion: 95 Resp: 181608
Ion Ratio Lower Upper
95 100
174 71.5 0.0 145.4
176 69.1 0.0 137.8

Manual Integrations
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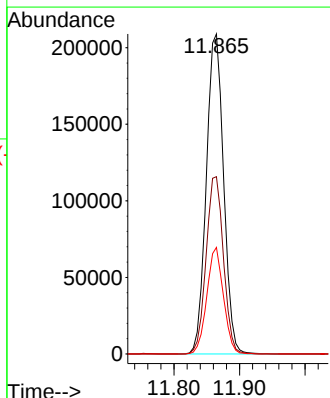
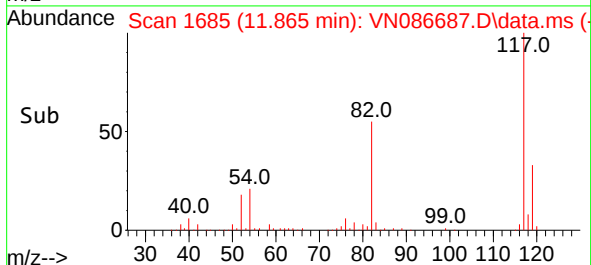
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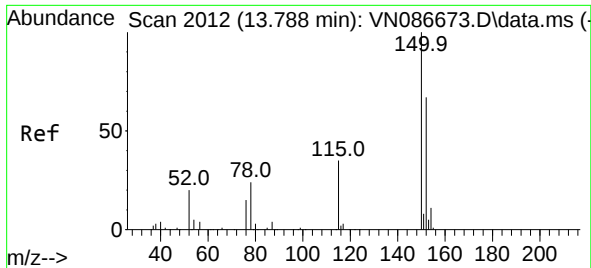


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086687.D
Acq: 19 May 2025 14:15



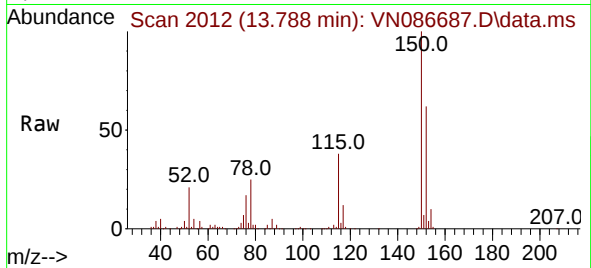
Tgt Ion:117 Resp: 383243
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.2
119 33.3 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN086687.D
 Acq: 19 May 2025 14:15

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168034ZHE#04



Tgt Ion:152 Resp: 157030
 Ion Ratio Lower Upper
 152 100
 115 61.6 30.0 90.1
 150 157.6 0.0 347.8

Manual Integrations
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