

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
 Data File : VN086690.D
 Acq On : 19 May 2025 15:27
 Operator : JC\MD
 Sample : PB168034ZHE#07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168034ZHE#07

Manual Integrations
 APPROVED

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

Quant Time: May 20 03:20:05 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	169882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	327584	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	316058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	122667	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121325	51.684	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.360%			
35) Dibromofluoromethane	8.165	113	101278	51.913	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.820%			
50) Toluene-d8	10.565	98	419554	51.895	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.800%			
62) 4-Bromofluorobenzene	12.847	95	144349	50.566	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.140%			
Target Compounds						
16) Acetone	4.430	43	25580	29.131	ug/l	96
18) Methyl Acetate	5.024	43	4053	1.649	ug/l #	75
20) Methylene Chloride	5.277	84	3314	1.430	ug/l	91
43) Isopropyl Acetate	8.688	43	38960m	6.686	ug/l	

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

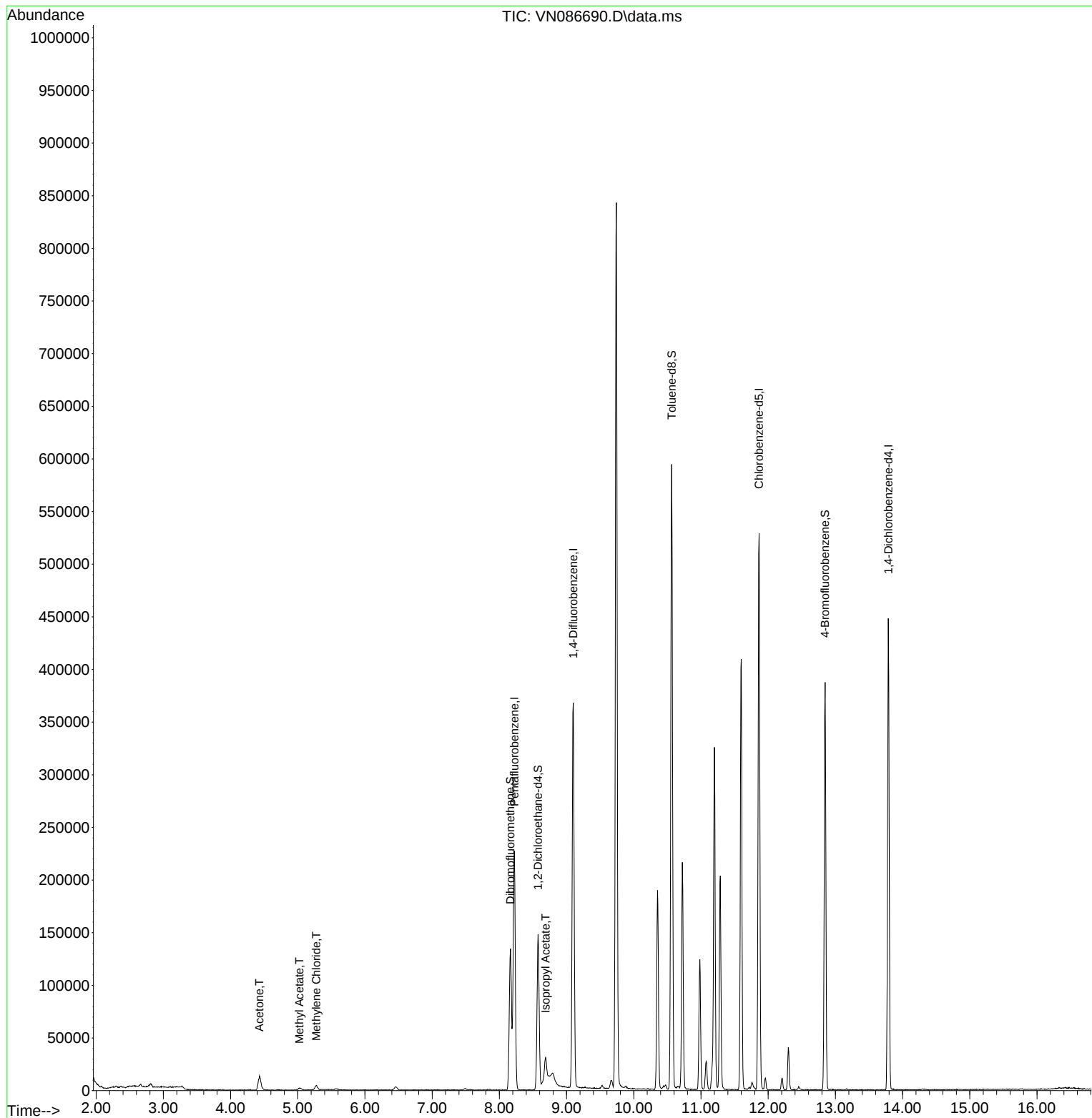
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
Data File : VN086690.D
Acq On : 19 May 2025 15:27
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Sample : PB168034ZHE#07
Misc : 5.0mL/MSVOA_N/WATER
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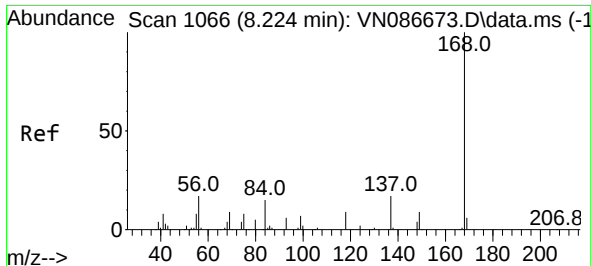
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#07

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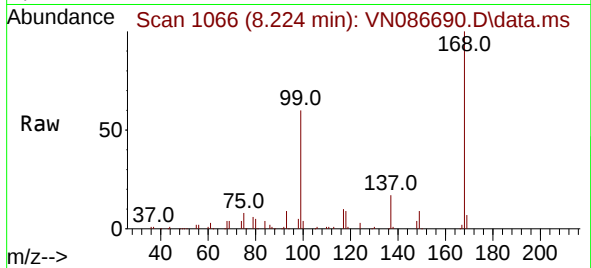
Quant Time: May 20 03:20:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086690.D
Acq: 19 May 2025 15:27

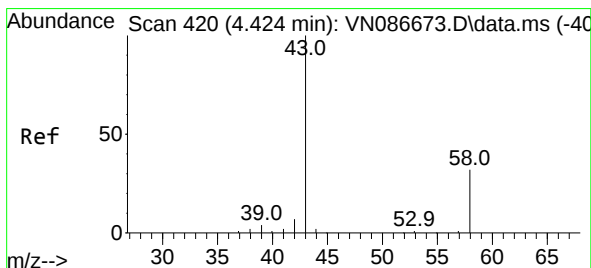
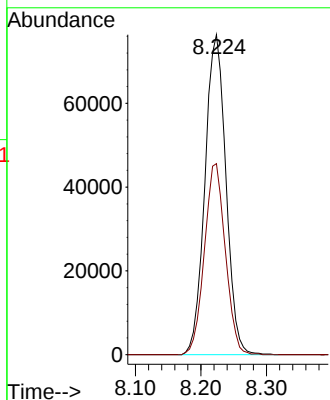
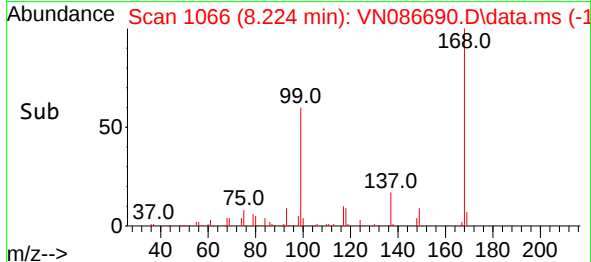
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#07



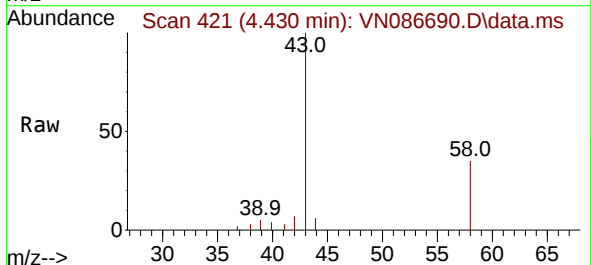
Tgt Ion:168 Resp: 16988
Ion Ratio Lower Upper
168 100
99 59.7 47.0 70.4

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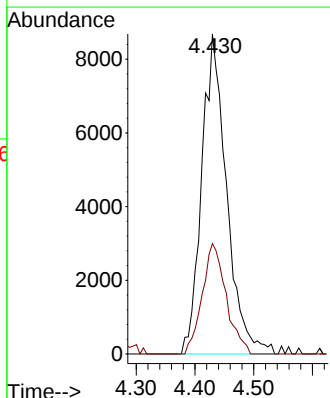
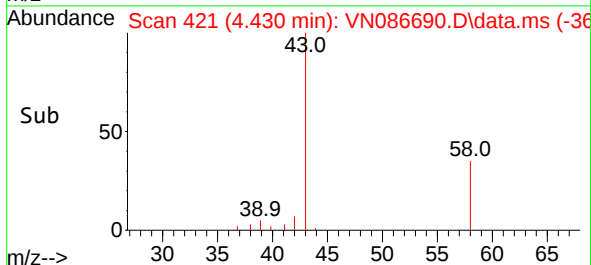
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

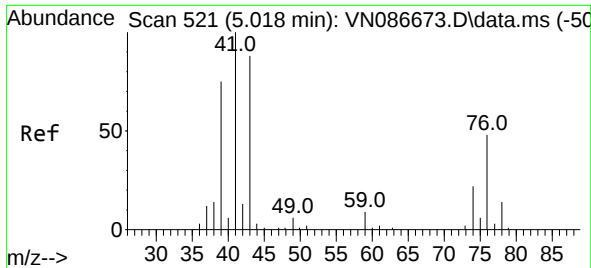


#16
Acetone
Concen: 29.131 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086690.D
Acq: 19 May 2025 15:27



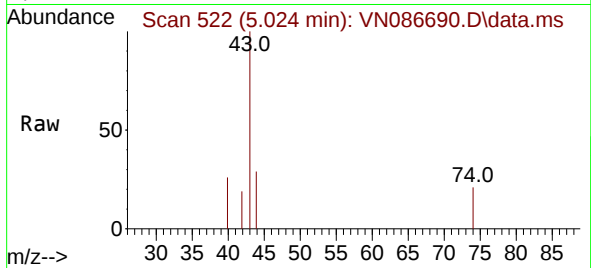
Tgt Ion: 43 Resp: 25580
Ion Ratio Lower Upper
43 100
58 34.5 25.8 38.6





#18
Methyl Acetate
Concen: 1.649 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086690.D
Acq: 19 May 2025 15:27

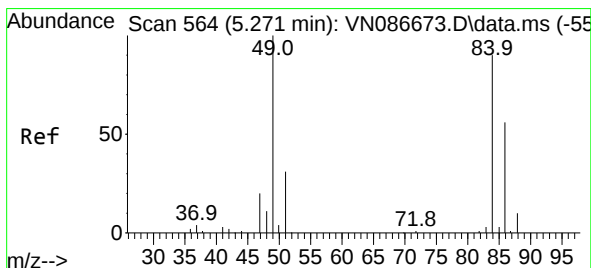
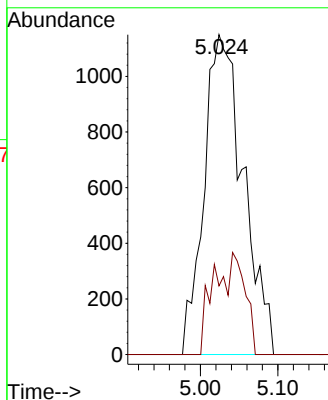
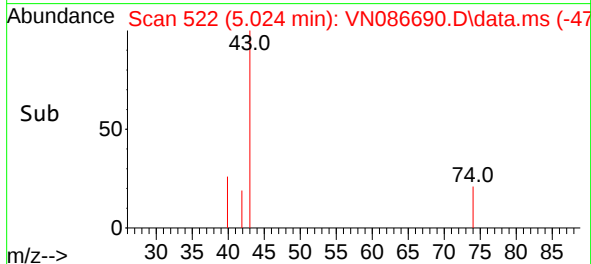
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#07



Tgt Ion: 43 Resp: 405
Ion Ratio Lower Upper
43 100
74 13.0 20.5 30.7

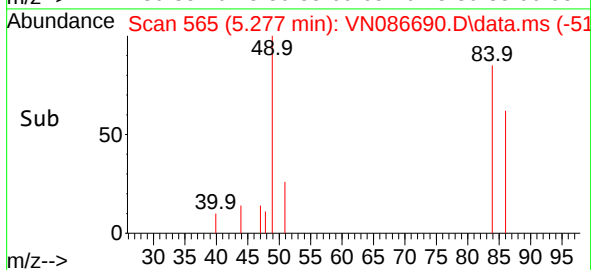
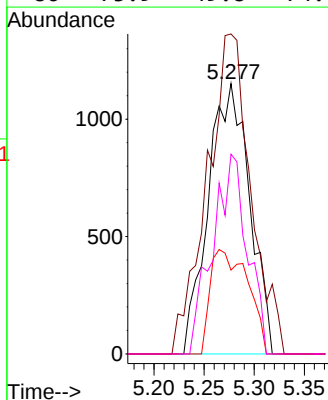
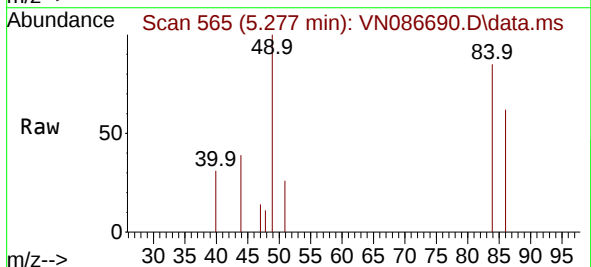
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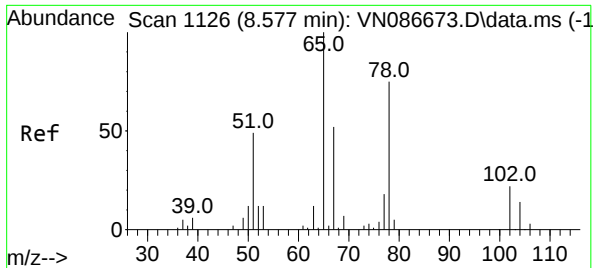
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#20
Methylene Chloride
Concen: 1.430 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086690.D
Acq: 19 May 2025 15:27

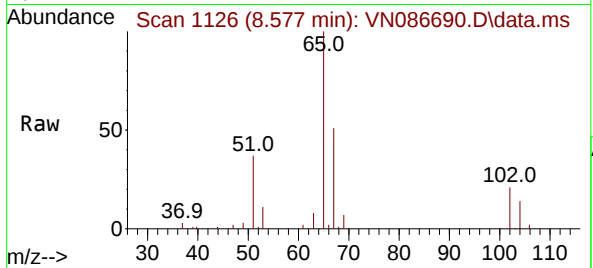
Tgt Ion: 84 Resp: 3314
Ion Ratio Lower Upper
84 100
49 103.7 88.8 133.2
51 31.0 27.8 41.6
86 73.9 49.8 74.6





#33
1,2-Dichloroethane-d4
Concen: 51.684 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086690.D
Acq: 19 May 2025 15:27

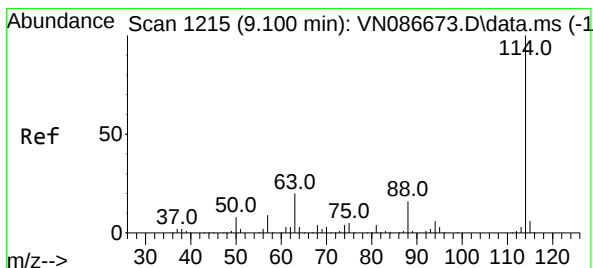
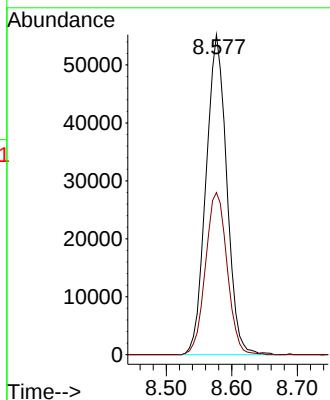
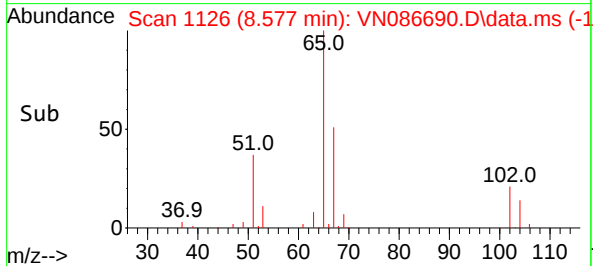
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#07



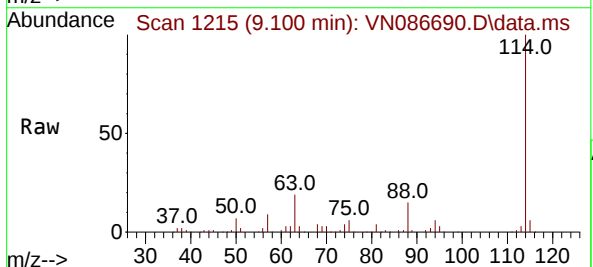
Tgt Ion: 65 Resp: 121329
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.4

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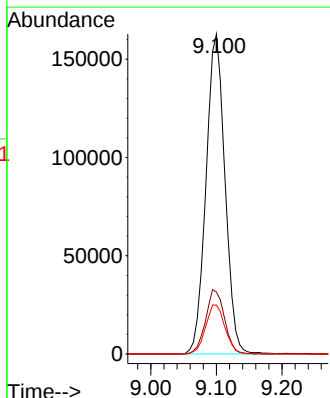
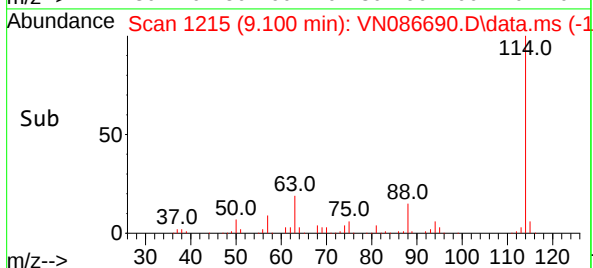
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

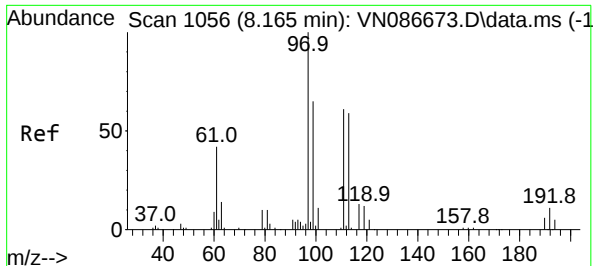


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086690.D
Acq: 19 May 2025 15:27



Tgt Ion:114 Resp: 327584
Ion Ratio Lower Upper
114 100
63 19.3 0.0 40.2
88 15.2 0.0 31.2





#35

Dibromofluoromethane

Concen: 51.913 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086690.D

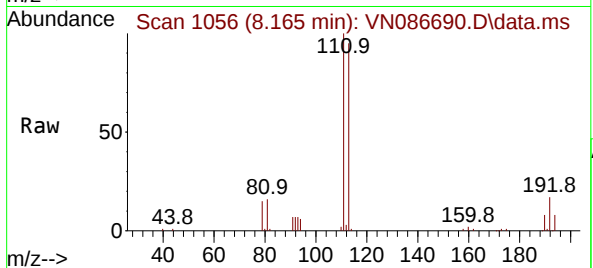
Acq: 19 May 2025 15:27

Instrument :

MSVOA_N

ClientSampleId :

PB168034ZHE#07



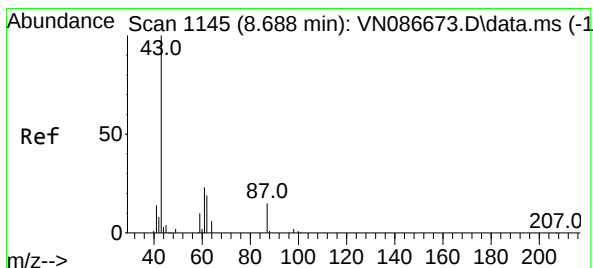
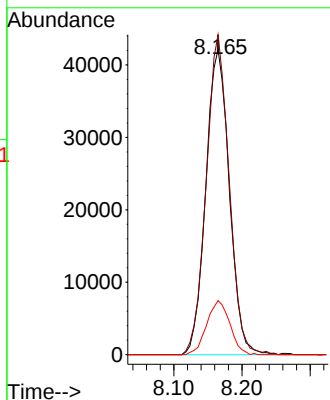
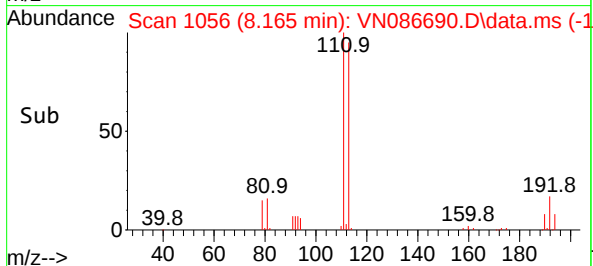
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.2
192	17.4	13.8	20.8

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Supervised By :Mahesh Dadoda 05/21/2025



#43

Isopropyl Acetate

Concen: 6.686 ug/l m

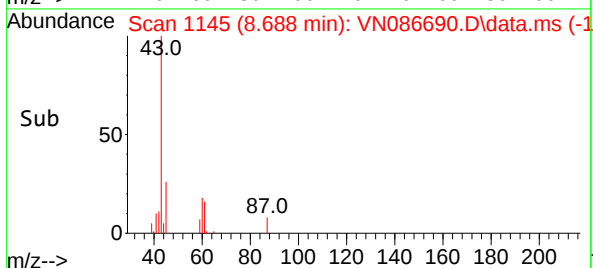
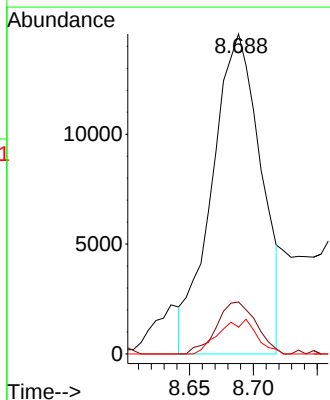
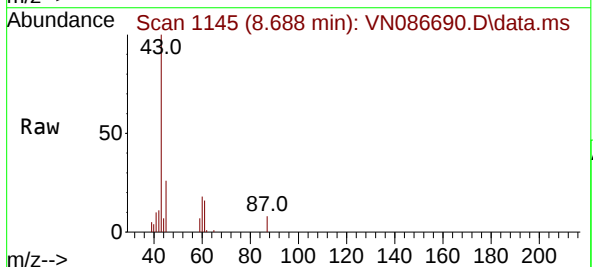
RT: 8.688 min Scan# 1145

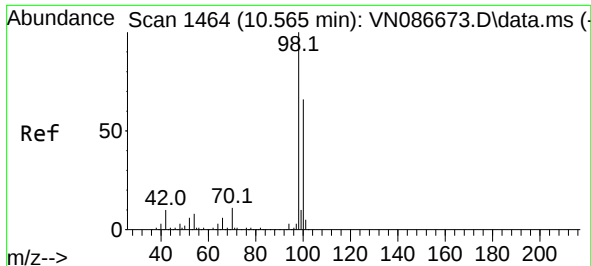
Delta R.T. -0.000 min

Lab File: VN086690.D

Acq: 19 May 2025 15:27

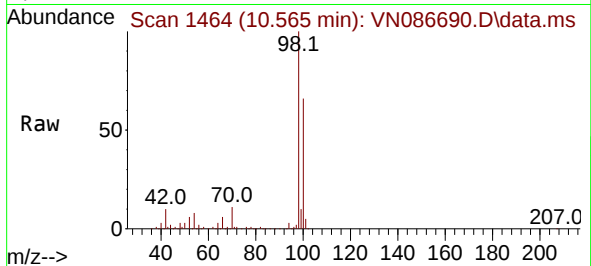
Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.1	21.4	32.2#
87	8.2	11.1	16.7#





#50
Toluene-d8
Concen: 51.895 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086690.D
Acq: 19 May 2025 15:27

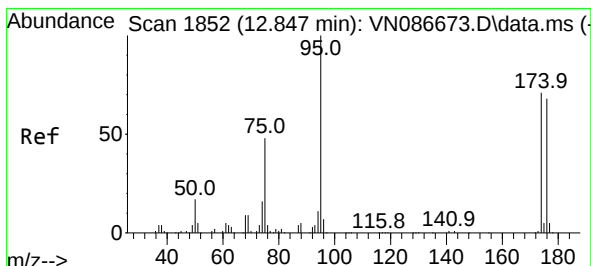
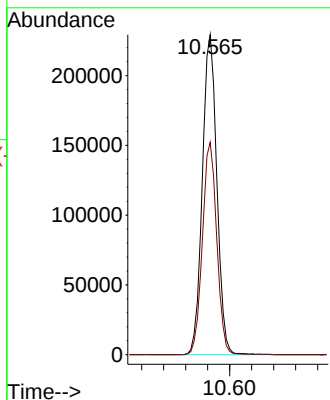
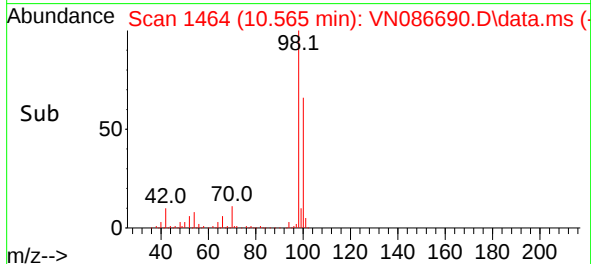
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#07



Tgt Ion: 98 Resp: 419554
Ion Ratio Lower Upper
98 100
100 65.8 52.9 79.3

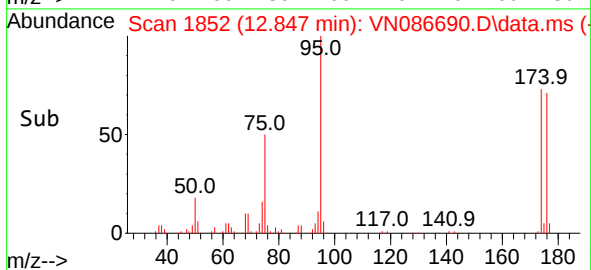
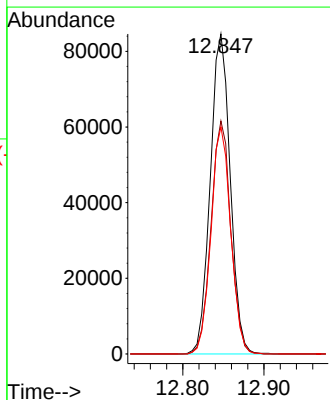
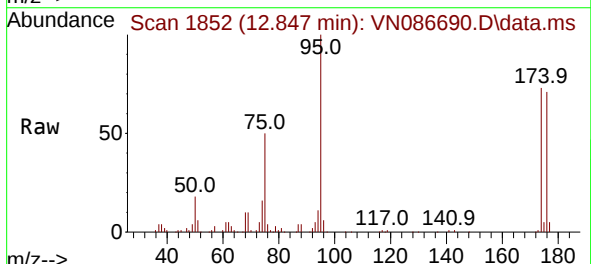
Manual Integrations
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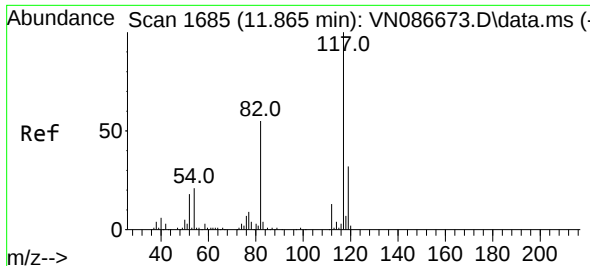
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#62
4-Bromofluorobenzene
Concen: 50.566 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086690.D
Acq: 19 May 2025 15:27

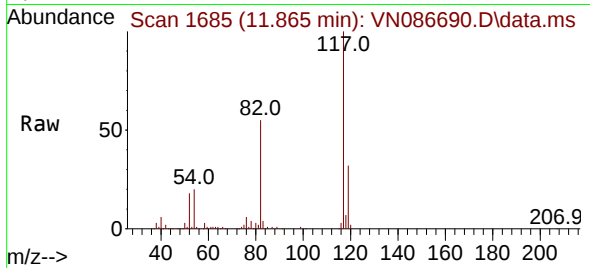
Tgt Ion: 95 Resp: 144349
Ion Ratio Lower Upper
95 100
174 72.3 0.0 145.4
176 70.1 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086690.D
Acq: 19 May 2025 15:27

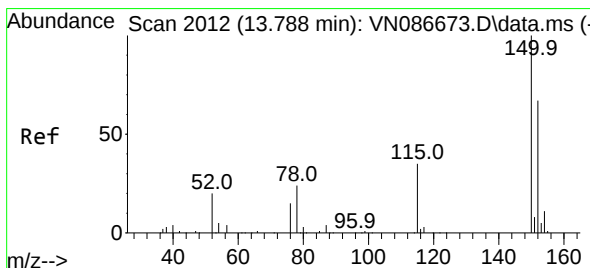
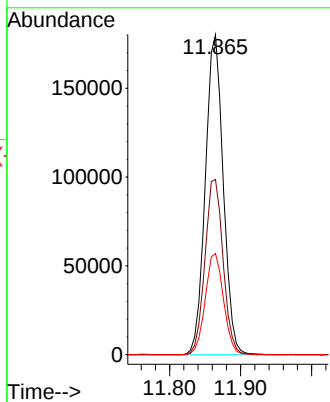
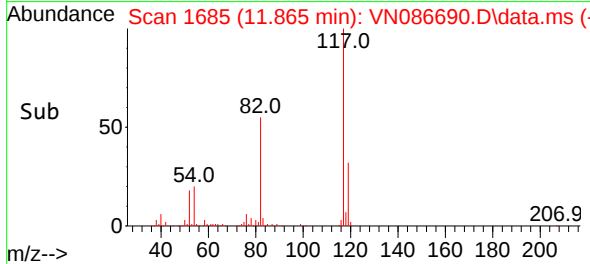
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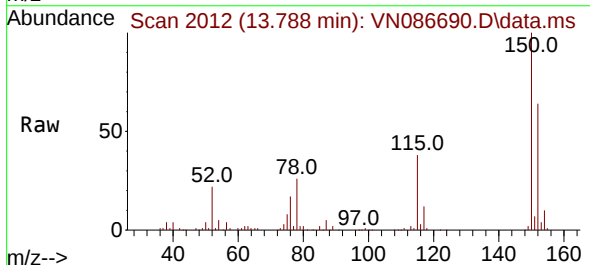
Tgt Ion:117 Resp: 316058
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.2
119 31.6 25.4 38.2

Manual Integrations
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Reviewed By :John Carlone 05/21/2025
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: VN086690.D
Acq: 19 May 2025 15:27



Tgt Ion:152 Resp: 122667
Ion Ratio Lower Upper
152 100
115 61.3 30.0 90.1
150 158.3 0.0 347.8

