

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050825\
 Data File : VN086548.D
 Acq On : 08 May 2025 16:13
 Operator : JC\MD
 Sample : PB167895ZHE#06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167895ZHE#06

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/09/2025
 Supervised By : Mahesh Dadoda 05/09/2025

Quant Time: May 09 01:54:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	196294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	364861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	347190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	156309	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	132755	46.639	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.280%		
35) Dibromofluoromethane	8.165	113	104011	61.423	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	122.840%		
50) Toluene-d8	10.565	98	462024	51.051	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.100%		
62) 4-Bromofluorobenzene	12.847	95	167620	50.779	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.560%		
Target Compounds						
16) Acetone	4.436	43	31734	27.159	ug/l	100
20) Methylene Chloride	5.271	84	4816	1.830	ug/l	91
43) Isopropyl Acetate	8.688	43	34383m	3.581	ug/l	

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

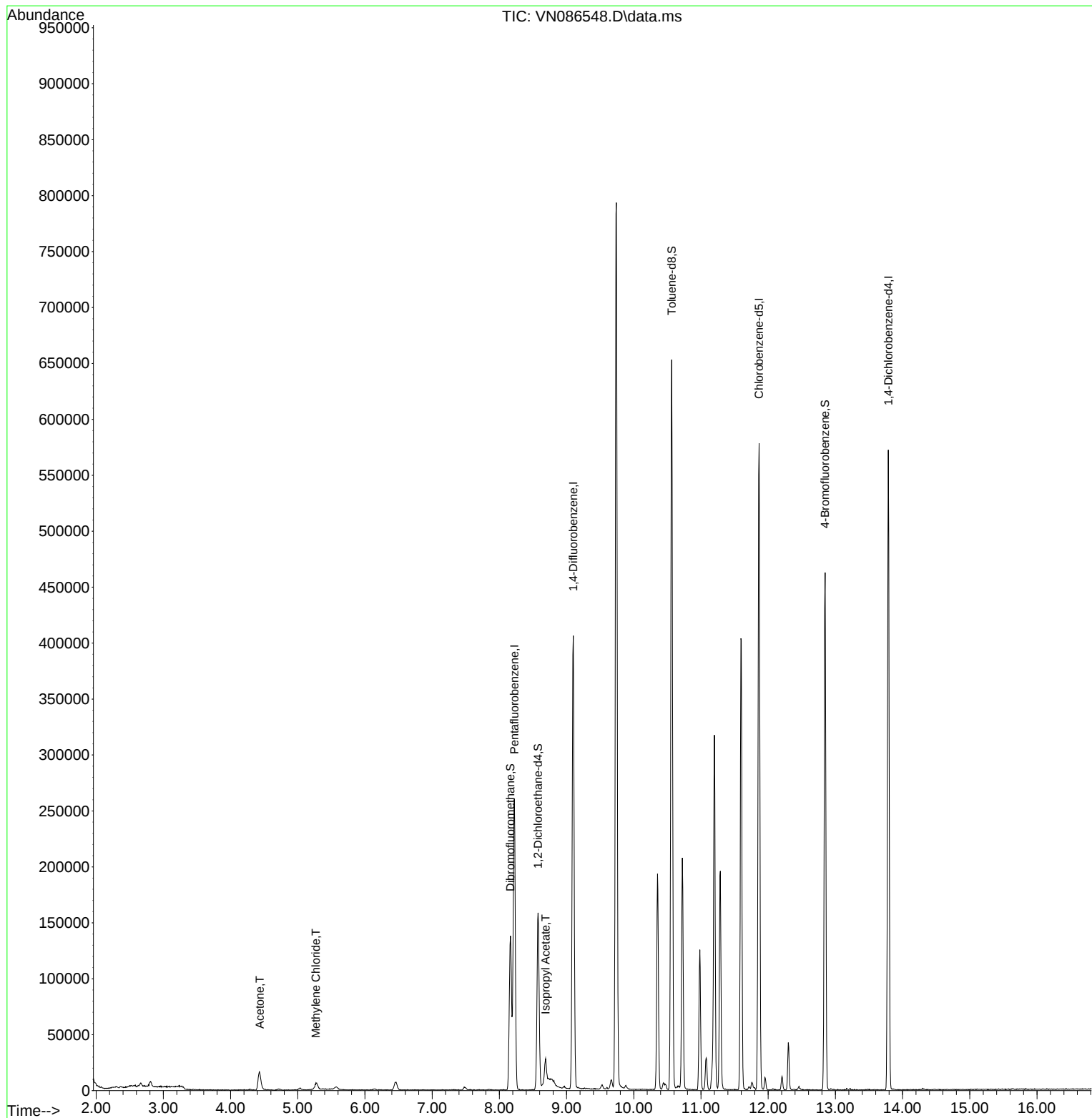
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050825\
Data File : VN086548.D
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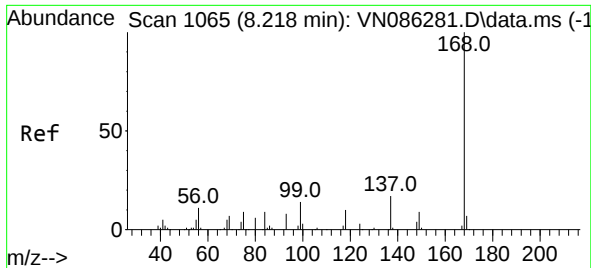
Instrument :
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ClientSampleId :
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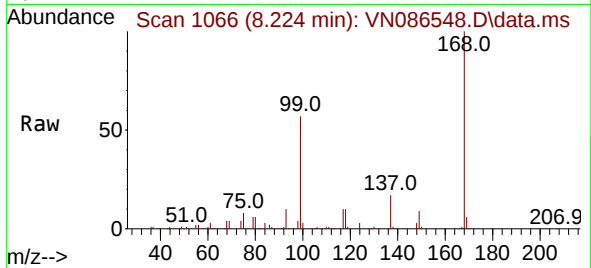
Quant Time: May 09 01:54:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086548.D
Acq: 08 May 2025 16:13

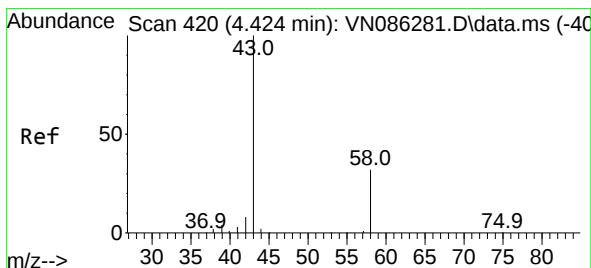
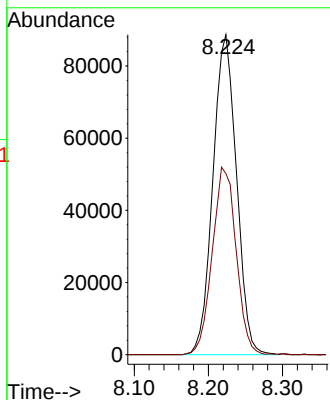
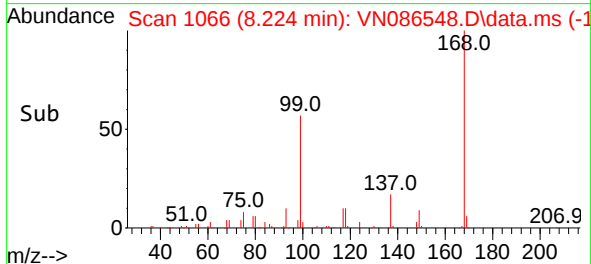
Instrument :
MSVOA_N
ClientSampleId :
PB167895ZHE#06



Tgt Ion:168 Resp: 196294
Ion Ratio Lower Upper
168 100
99 56.6 52.5 78.7

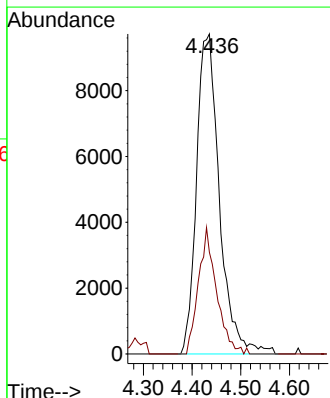
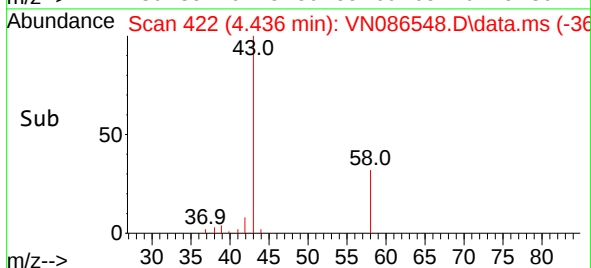
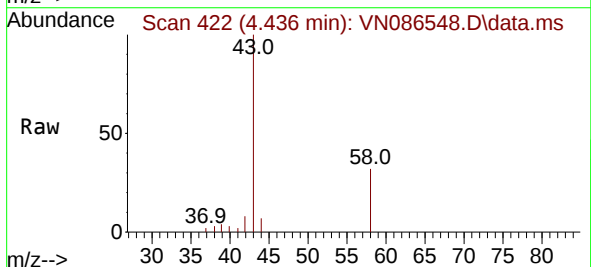
Manual Integrations
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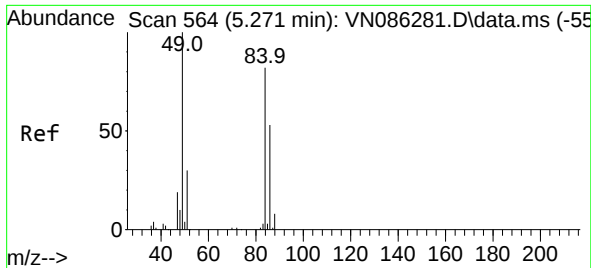
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025



#16
Acetone
Concen: 27.159 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086548.D
Acq: 08 May 2025 16:13

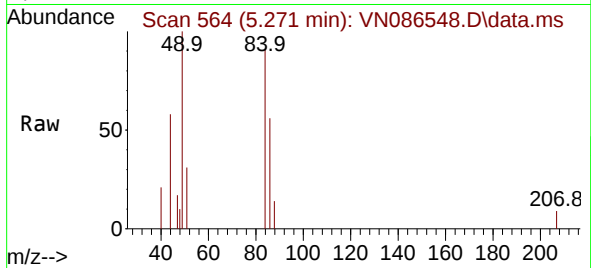
Tgt Ion: 43 Resp: 31734
Ion Ratio Lower Upper
43 100
58 31.7 25.3 37.9





#20
Methylene Chloride
Concen: 1.830 ug/l
RT: 5.271 min Scan# 501
Delta R.T. -0.000 min
Lab File: VN086548.D
Acq: 08 May 2025 16:13

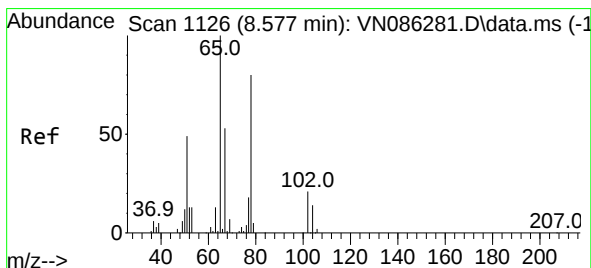
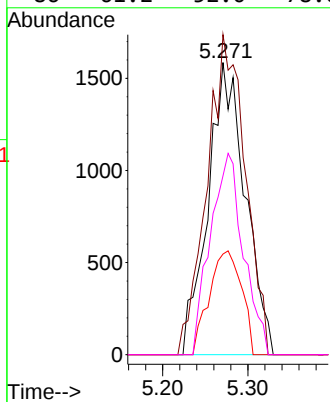
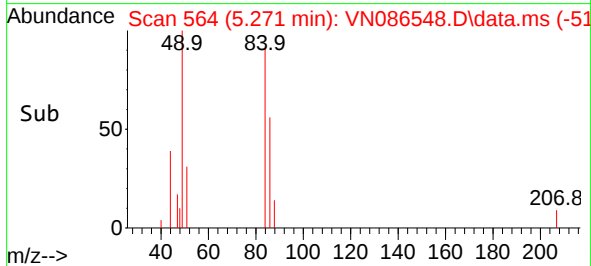
Instrument :
MSVOA_N
ClientSampleId :
PB167895ZHE#06



Tgt Ion: 84 Resp: 4810
Ion Ratio Lower Upper
84 100
49 109.5 98.2 147.2
51 34.4 29.8 44.6
86 61.2 52.0 78.0

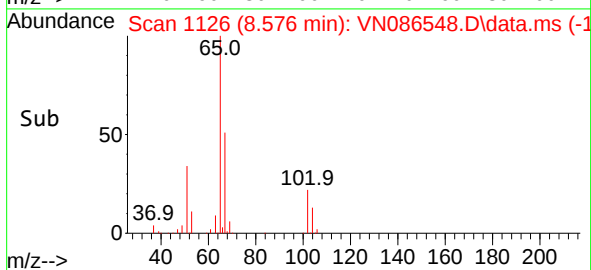
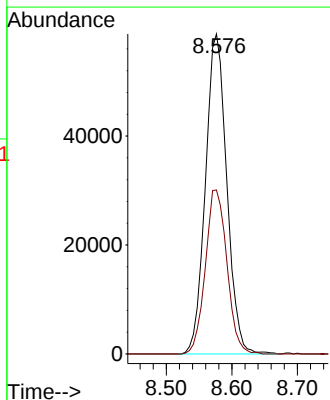
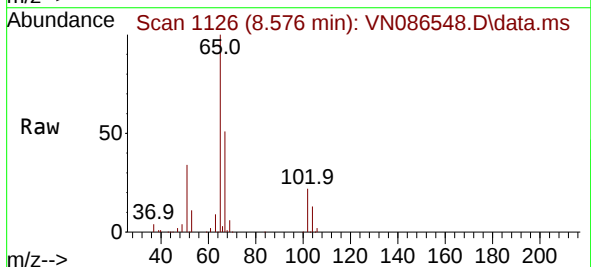
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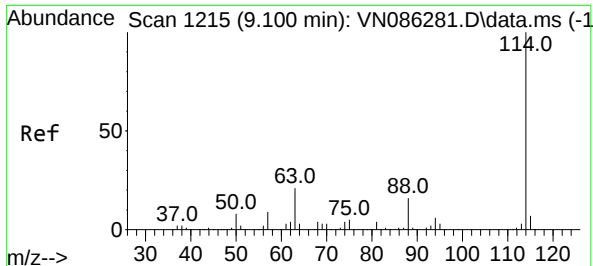
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025



#33
1,2-Dichloroethane-d4
Concen: 46.639 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086548.D
Acq: 08 May 2025 16:13

Tgt Ion: 65 Resp: 132755
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086548.D

Acq: 08 May 2025 16:13

Instrument :

MSVOA_N

ClientSampleId :

PB167895ZHE#06

Tgt Ion:114 Resp: 36486

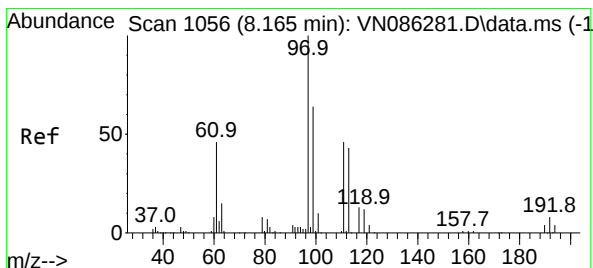
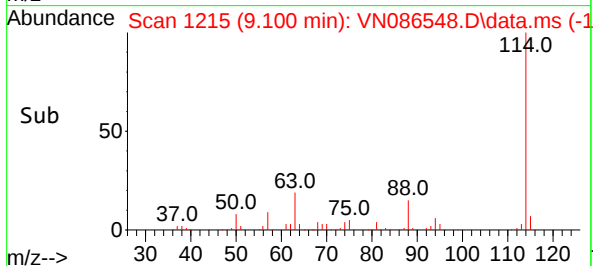
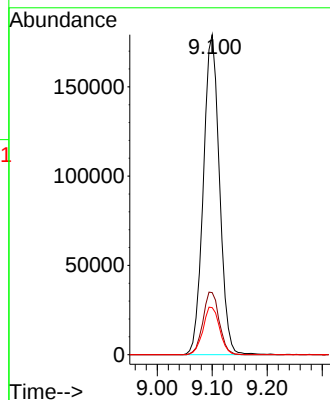
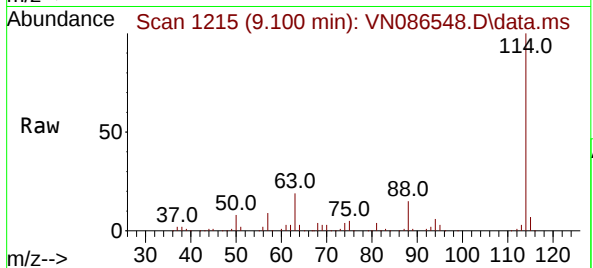
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	42.6
88	14.7	0.0	31.8

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Reviewed By :John Carlone 05/09/2025

Supervised By :Mahesh Dadoda 05/09/2025



#35

Dibromofluoromethane

Concen: 61.423 ug/l

RT: 8.165 min Scan# 1056

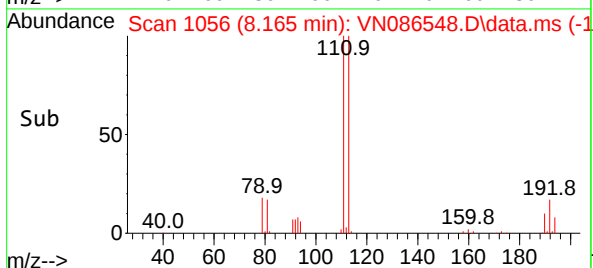
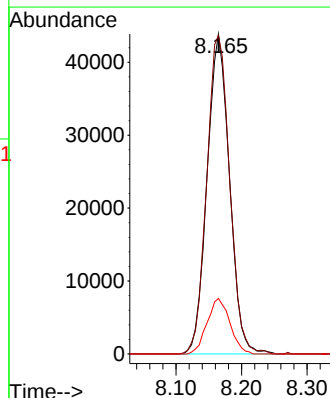
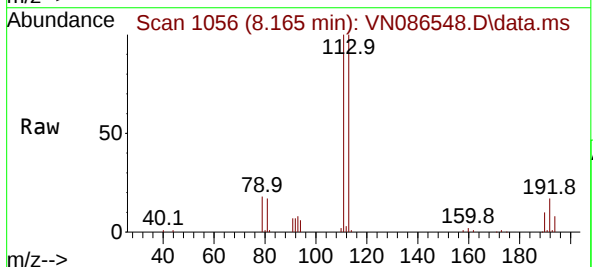
Delta R.T. -0.000 min

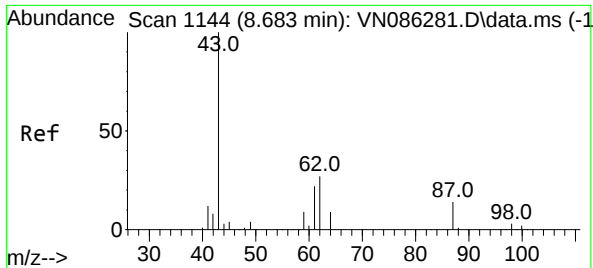
Lab File: VN086548.D

Acq: 08 May 2025 16:13

Tgt Ion:113 Resp: 104011

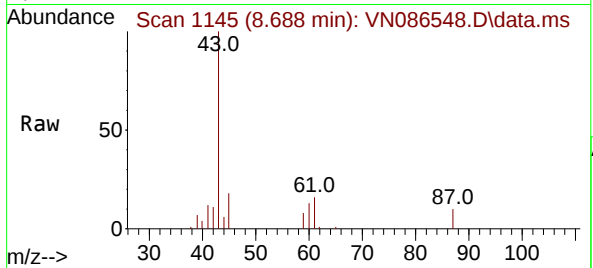
Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.4	125.0
192	17.7	13.7	20.5





#43
Isopropyl Acetate
Concen: 3.581 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086548.D
Acq: 08 May 2025 16:13

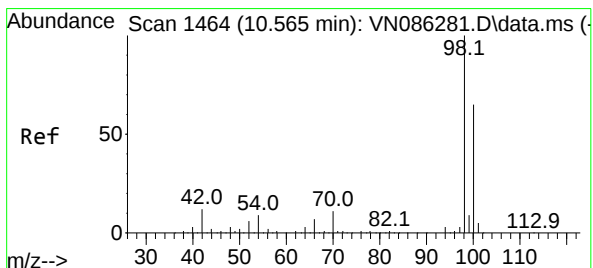
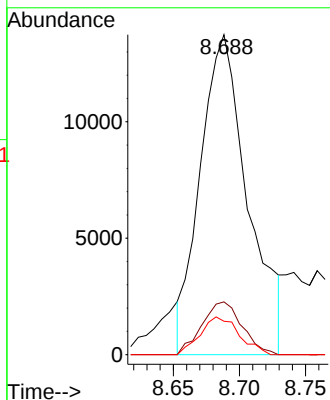
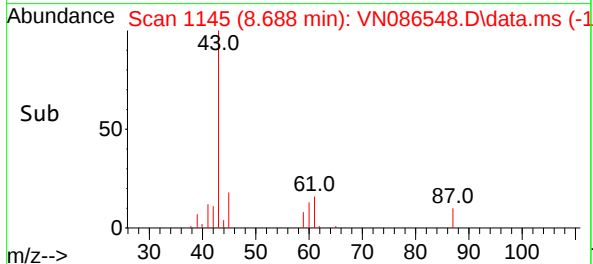
Instrument :
MSVOA_N
ClientSampleId :
PB167895ZHE#06



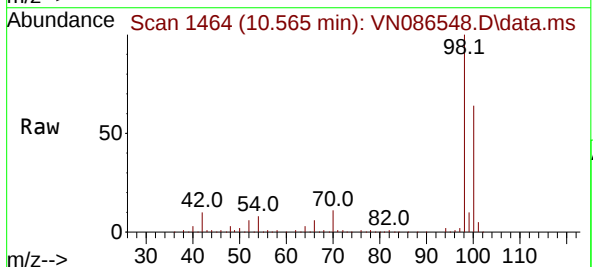
Tgt Ion: 43 Resp: 3438
Ion Ratio Lower Upper
43 100
61 14.0 20.5 30.7
87 9.7 10.5 15.7

Manual Integrations
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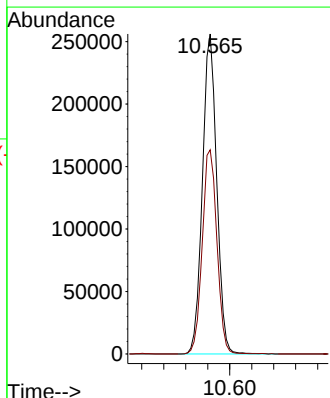
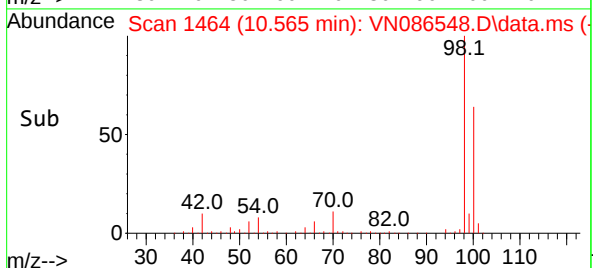
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025

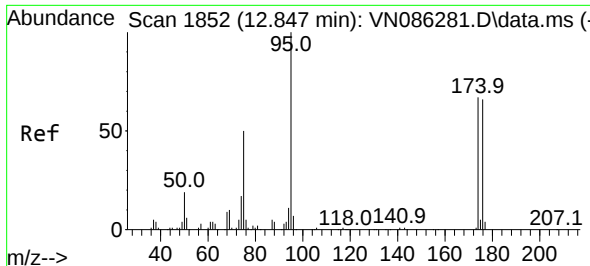


#50
Toluene-d8
Concen: 51.051 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086548.D
Acq: 08 May 2025 16:13



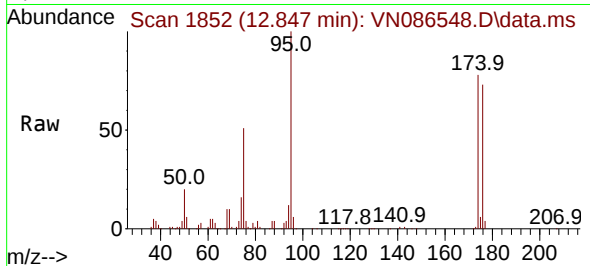
Tgt Ion: 98 Resp: 462024
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7





#62
4-Bromofluorobenzene
Concen: 50.779 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086548.D
Acq: 08 May 2025 16:13

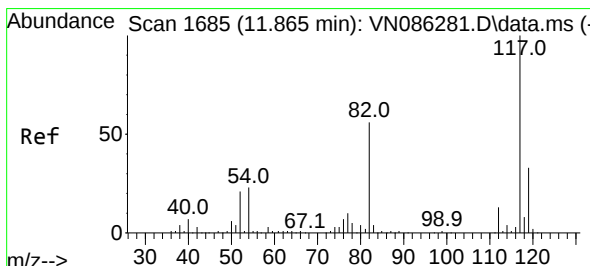
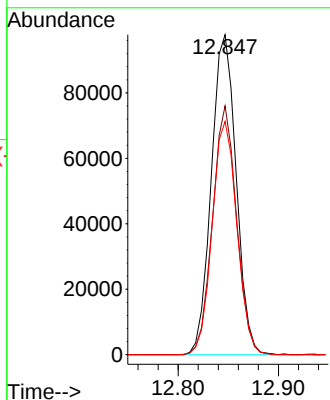
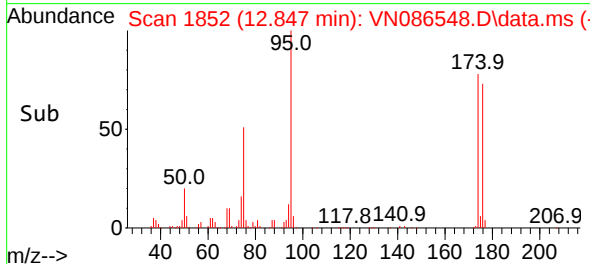
Instrument :
MSVOA_N
ClientSampleId :
PB167895ZHE#06



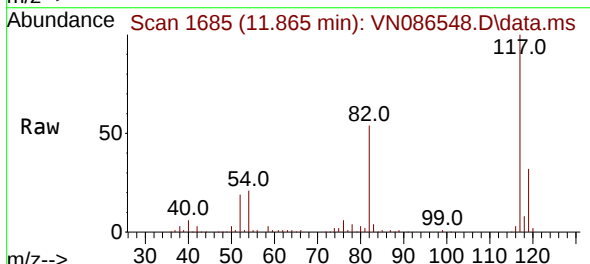
Tgt Ion: 95 Resp: 167620
Ion Ratio Lower Upper
95 100
174 75.3 0.0 133.4
176 72.5 0.0 129.2

Manual Integrations
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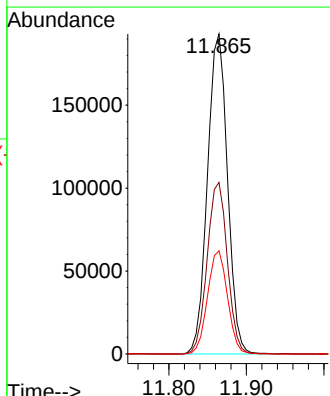
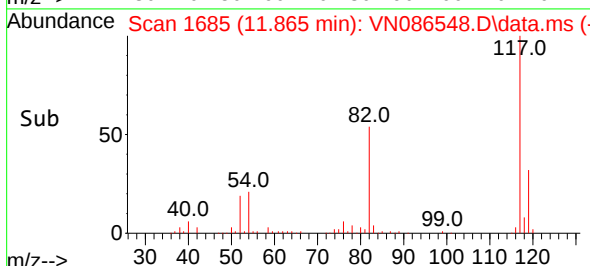
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025

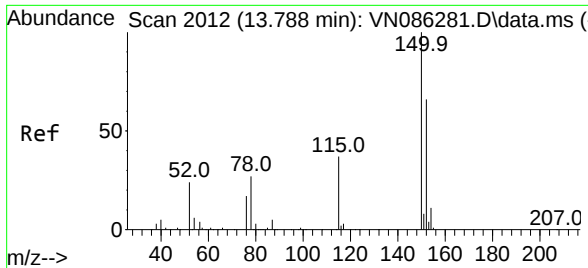


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086548.D
Acq: 08 May 2025 16:13



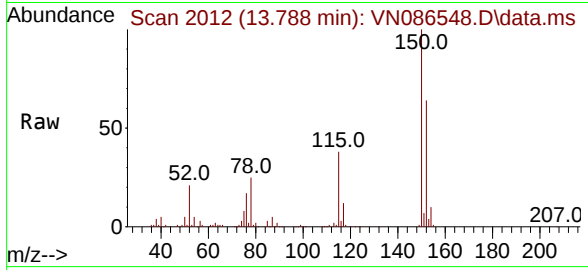
Tgt Ion:117 Resp: 347190
Ion Ratio Lower Upper
117 100
82 53.6 44.7 67.1
119 32.2 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086548.D
 Acq: 08 May 2025 16:13

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167895ZHE#06



Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.7	31.9	95.9
150	159.0	0.0	352.0

Manual Integrations
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