

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050225\
 Data File : VN086464.D
 Acq On : 02 May 2025 15:28
 Operator : JC\MD
 Sample : PB167816ZHE#09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167816ZHE#09

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/05/2025
 Supervised By : Semsettin Yesilyurt 05/05/2025

Quant Time: May 02 23:16:30 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	154197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	292156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	271024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109498	48.971	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.940%		
35) Dibromofluoromethane	8.165	113	73306	54.063	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	108.120%		
50) Toluene-d8	10.565	98	371693	51.291	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.580%		
62) 4-Bromofluorobenzene	12.847	95	125803	47.595	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.180%		
Target Compounds					Qvalue	
16) Acetone	4.430	43	31768	36.213	ug/l	100
20) Methylene Chloride	5.271	84	8829	4.271	ug/l	94
43) Isopropyl Acetate	8.688	43	35779m	5.221	ug/l	

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

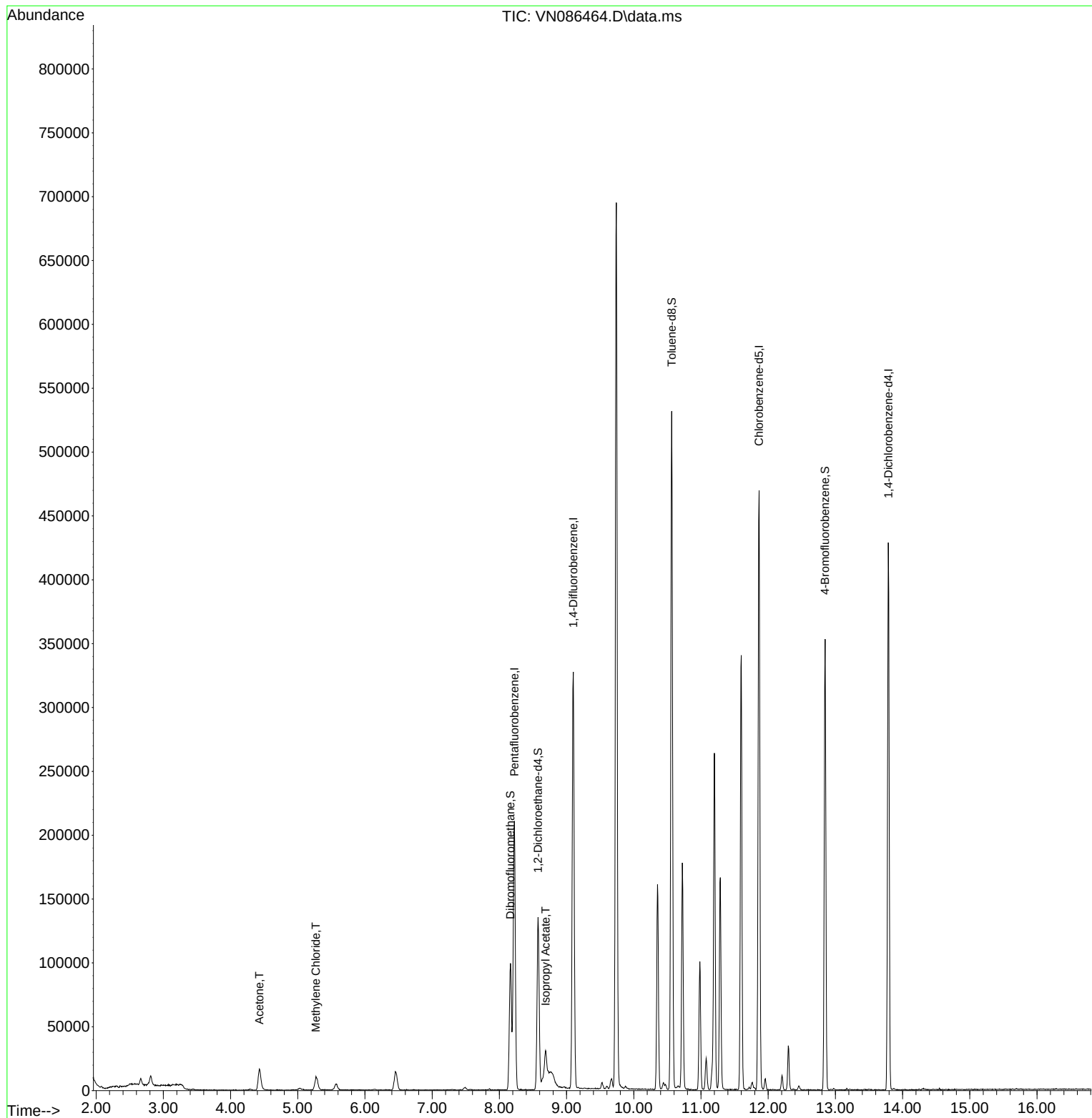
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050225\
Data File : VN086464.D
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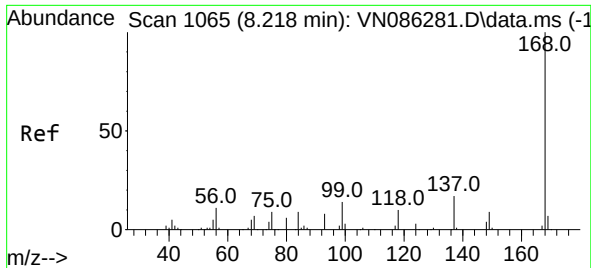
Instrument :
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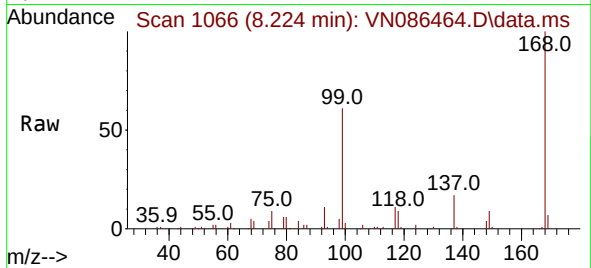
Quant Time: May 02 23:16:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086464.D
Acq: 02 May 2025 15:28

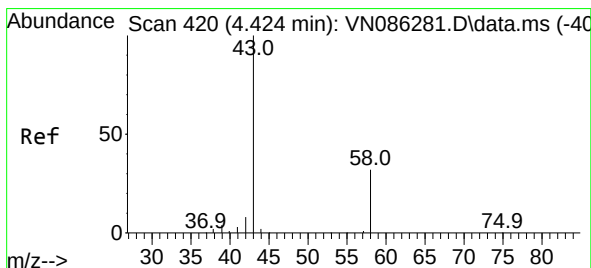
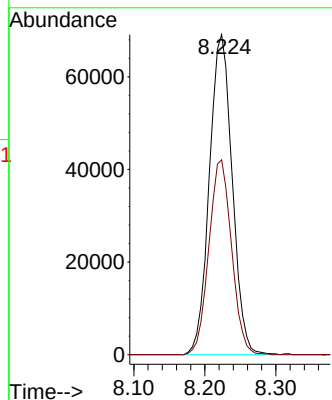
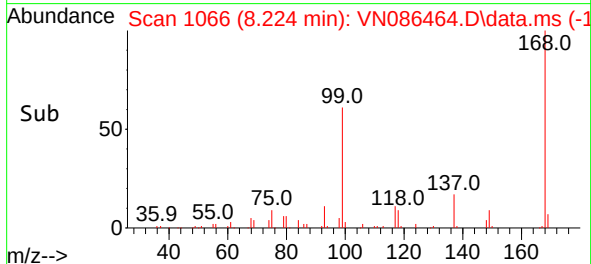
Instrument :
MSVOA_N
ClientSampleId :
PB167816ZHE#09



Tgt Ion:168 Resp: 15419
Ion Ratio Lower Upper
168 100
99 60.9 52.5 78.7

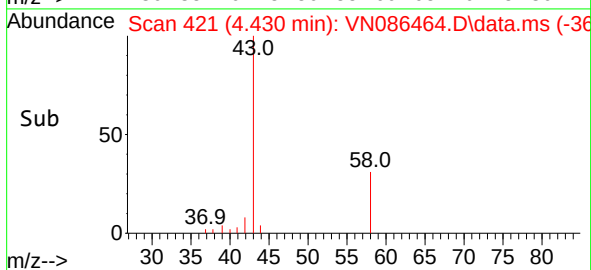
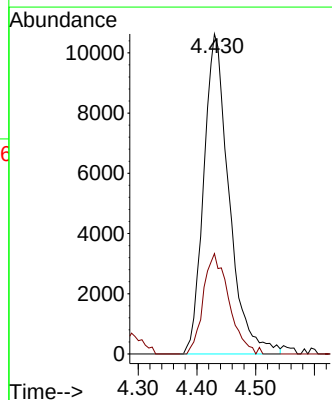
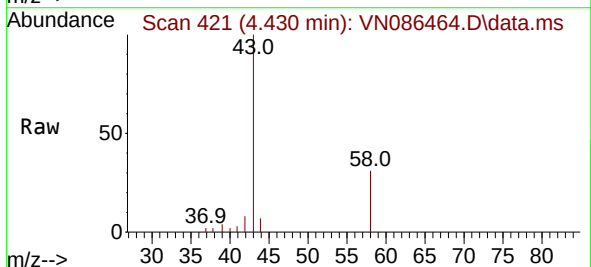
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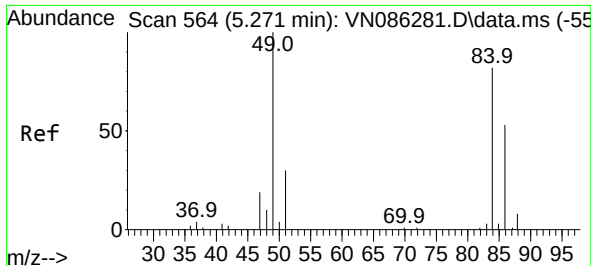
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#16
Acetone
Concen: 36.213 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086464.D
Acq: 02 May 2025 15:28

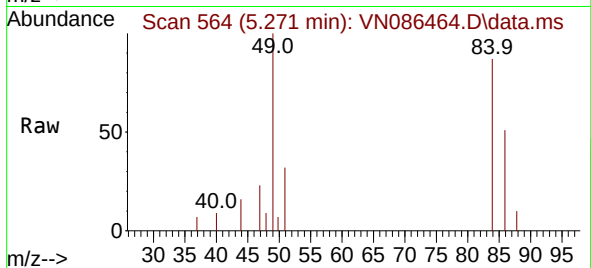
Tgt Ion: 43 Resp: 31768
Ion Ratio Lower Upper
43 100
58 31.3 25.3 37.9





#20
Methylene Chloride
Concen: 4.271 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086464.D
Acq: 02 May 2025 15:28

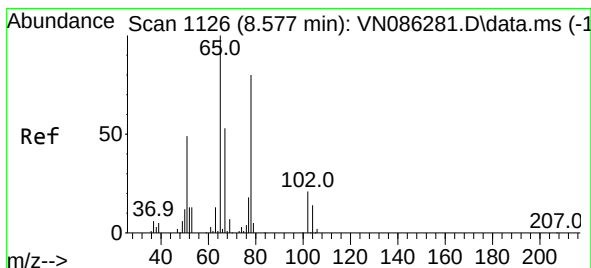
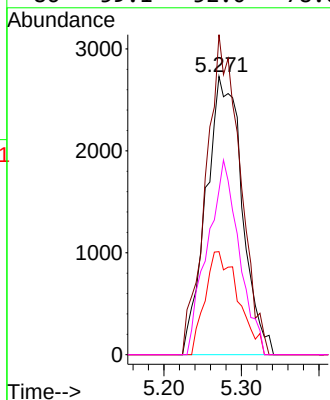
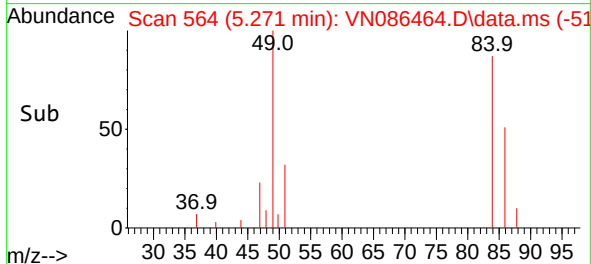
Instrument :
MSVOA_N
ClientSampleId :
PB167816ZHE#09



Tgt Ion: 84 Resp: 8829
Ion Ratio Lower Upper
84 100
49 115.0 98.2 147.2
51 37.1 29.8 44.6
86 59.1 52.0 78.0

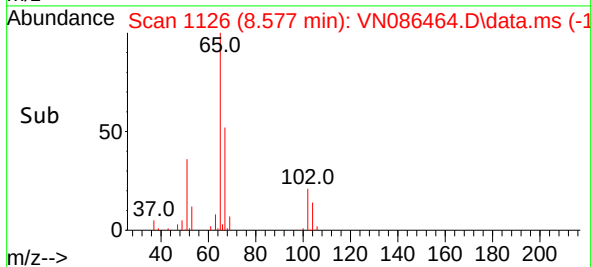
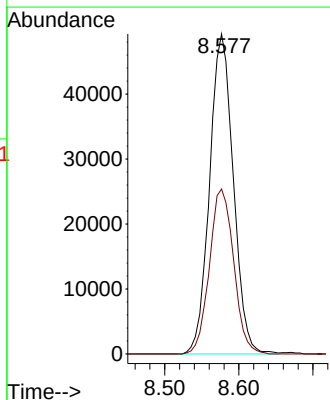
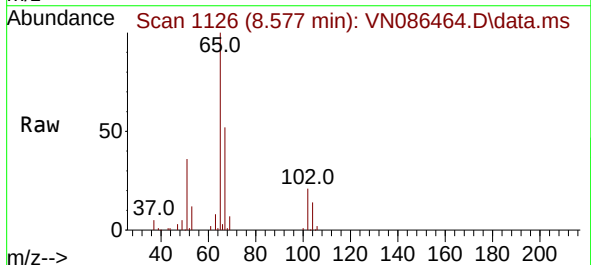
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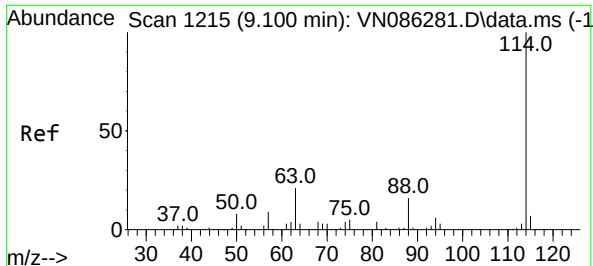
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#33
1,2-Dichloroethane-d4
Concen: 48.971 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086464.D
Acq: 02 May 2025 15:28

Tgt Ion: 65 Resp: 109498
Ion Ratio Lower Upper
65 100
67 52.7 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: VN086464.D

Acq: 02 May 2025 15:28

Instrument :

MSVOA_N

ClientSampleId :

PB167816ZHE#09

Tgt Ion:114 Resp: 292150

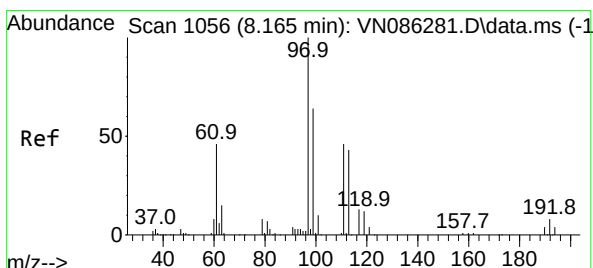
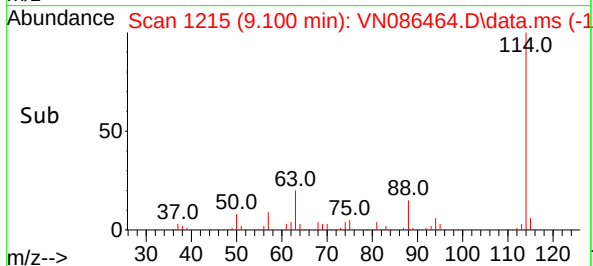
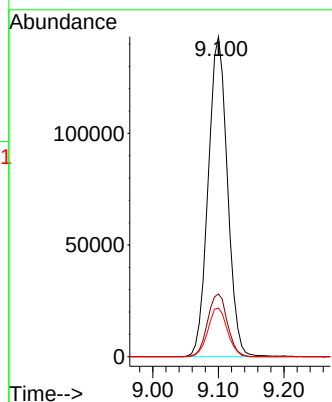
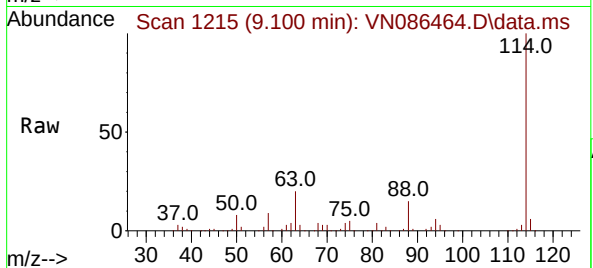
Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	42.6
88	15.2	0.0	31.8

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Supervised By :Semsettin Yesilyurt 05/05/2025



#35

Dibromofluoromethane

Concen: 54.063 ug/l

RT: 8.165 min Scan# 1056

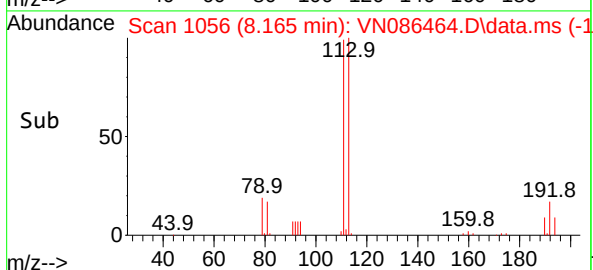
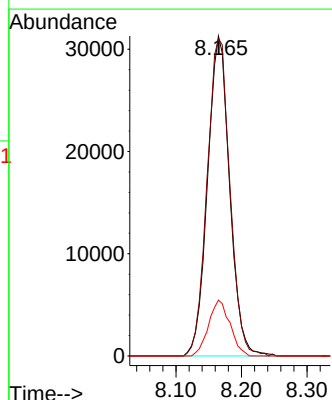
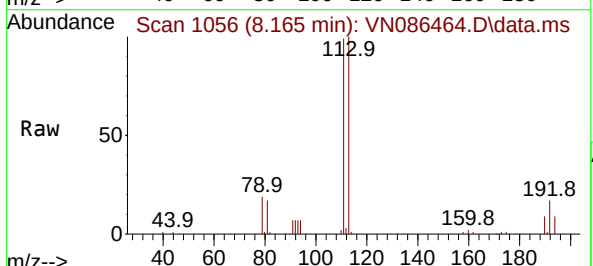
Delta R.T. -0.000 min

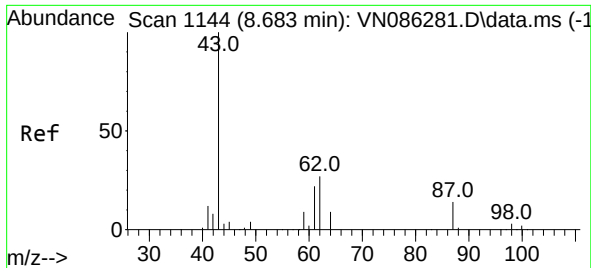
Lab File: VN086464.D

Acq: 02 May 2025 15:28

Tgt Ion:113 Resp: 73306

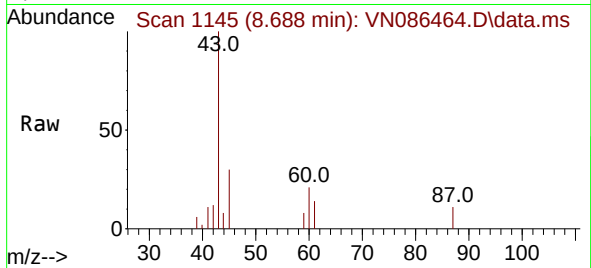
Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.4	125.0
192	16.9	13.7	20.5





#43
Isopropyl Acetate
Concen: 5.221 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086464.D
Acq: 02 May 2025 15:28

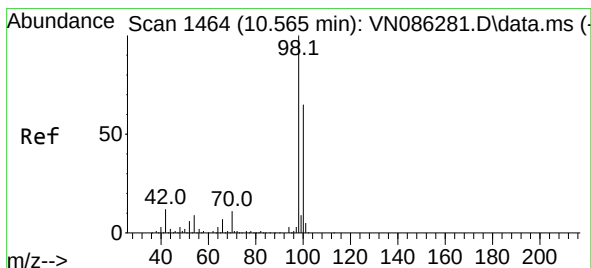
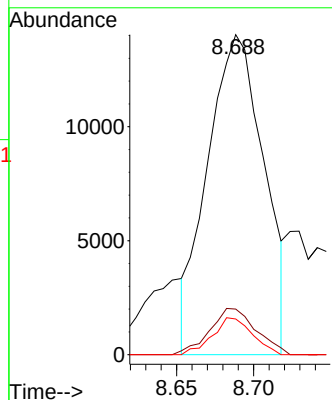
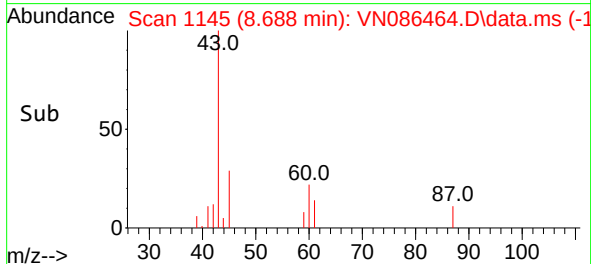
Instrument :
MSVOA_N
ClientSampleId :
PB167816ZHE#09



Tgt Ion: 43 Resp: 35779
Ion Ratio Lower Upper
43 100
61 11.9 20.5 30.7
87 8.1 10.5 15.7

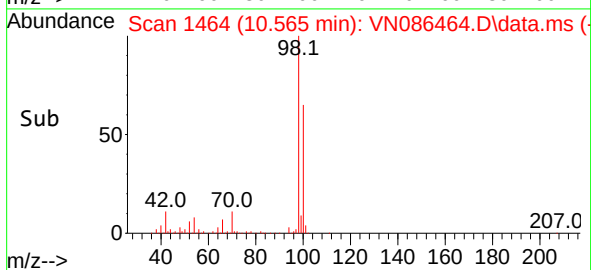
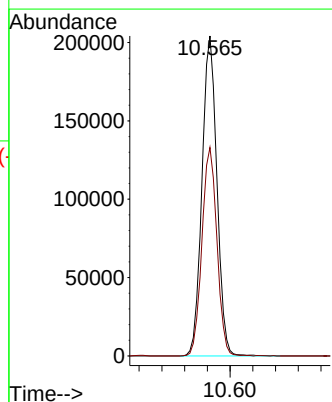
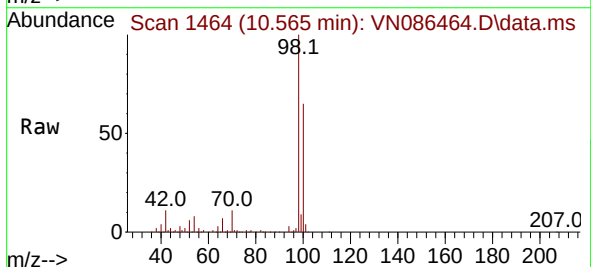
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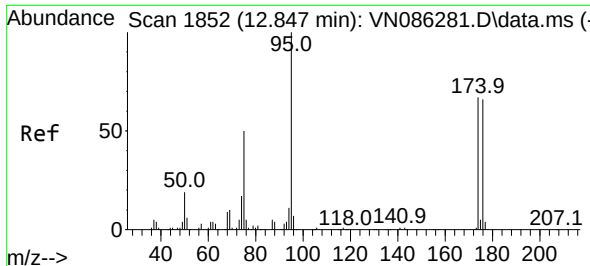
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#50
Toluene-d8
Concen: 51.291 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086464.D
Acq: 02 May 2025 15:28

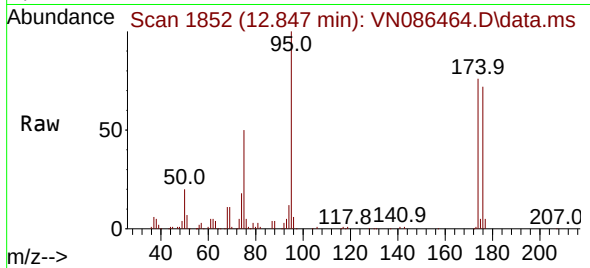
Tgt Ion: 98 Resp: 371693
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7





#62
4-Bromofluorobenzene
Concen: 47.595 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086464.D
Acq: 02 May 2025 15:28

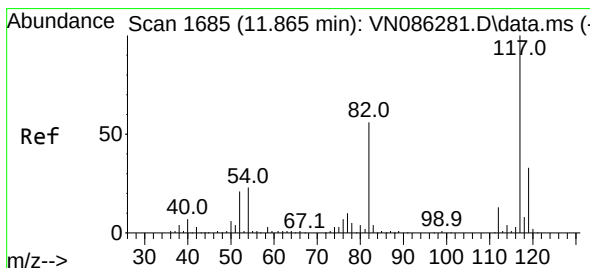
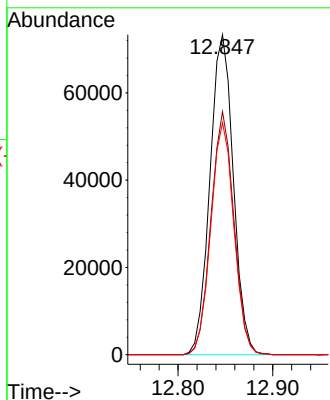
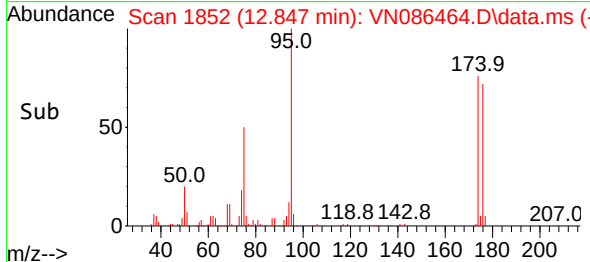
Instrument :
MSVOA_N
ClientSampleId :
PB167816ZHE#09



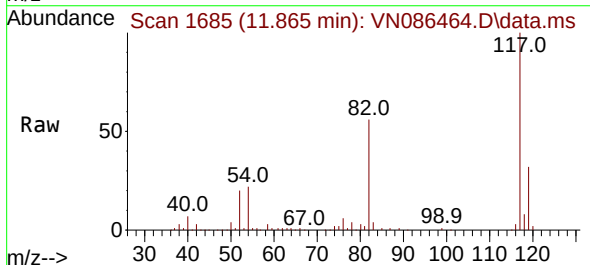
Tgt Ion: 95 Resp: 125800
Ion Ratio Lower Upper
95 100
174 74.2 0.0 133.4
176 71.6 0.0 129.2

Manual Integrations
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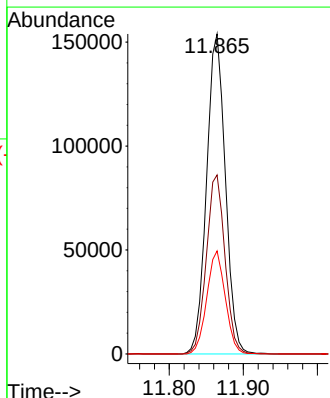
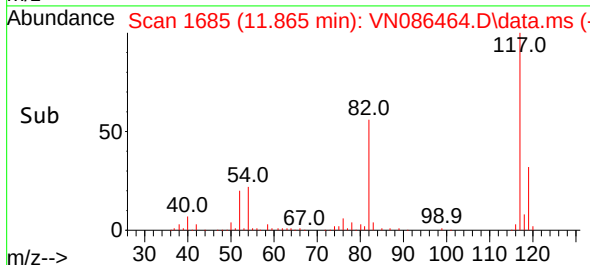
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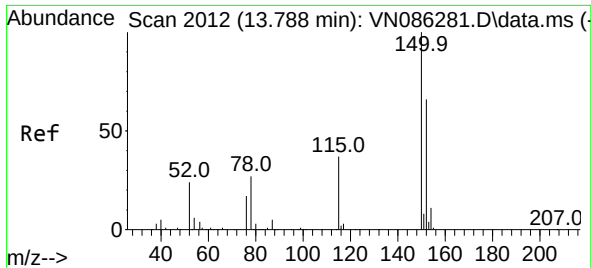


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086464.D
Acq: 02 May 2025 15:28



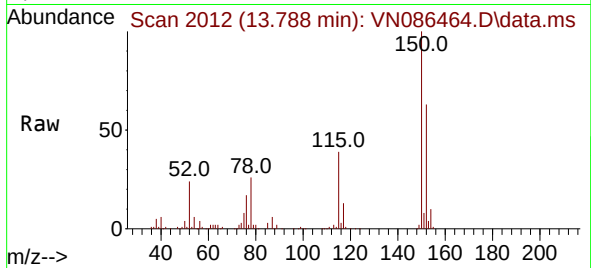
Tgt Ion:117 Resp: 271024
Ion Ratio Lower Upper
117 100
82 55.9 44.7 67.1
119 32.2 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086464.D
 Acq: 02 May 2025 15:28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167816ZHE#09



Tgt Ion:152 Resp: 11718
 Ion Ratio Lower Upper
 152 100
 115 61.0 31.9 95.9
 150 157.0 0.0 352.0

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