

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043025\
 Data File : VN086448.D
 Acq On : 30 Apr 2025 19:55
 Operator : JC\MD
 Sample : PB167804TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167804TB

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/02/2025
 Supervised By : Semsettin Yesilyurt 05/05/2025

Quant Time: May 01 01:37:25 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	160531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	304160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	293300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	128437	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113761	48.870	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 97.740%			
35) Dibromofluoromethane	8.165	113	77572	54.951	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.900%			
50) Toluene-d8	10.565	98	391211	51.854	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.700%			
62) 4-Bromofluorobenzene	12.847	95	139040	50.527	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.060%			
Target Compounds						
16) Acetone	4.430	43	26503	27.859	ug/l	99
20) Methylene Chloride	5.265	84	8200	3.810	ug/l #	81
43) Isopropyl Acetate	8.688	43	36049m	4.991	ug/l	

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

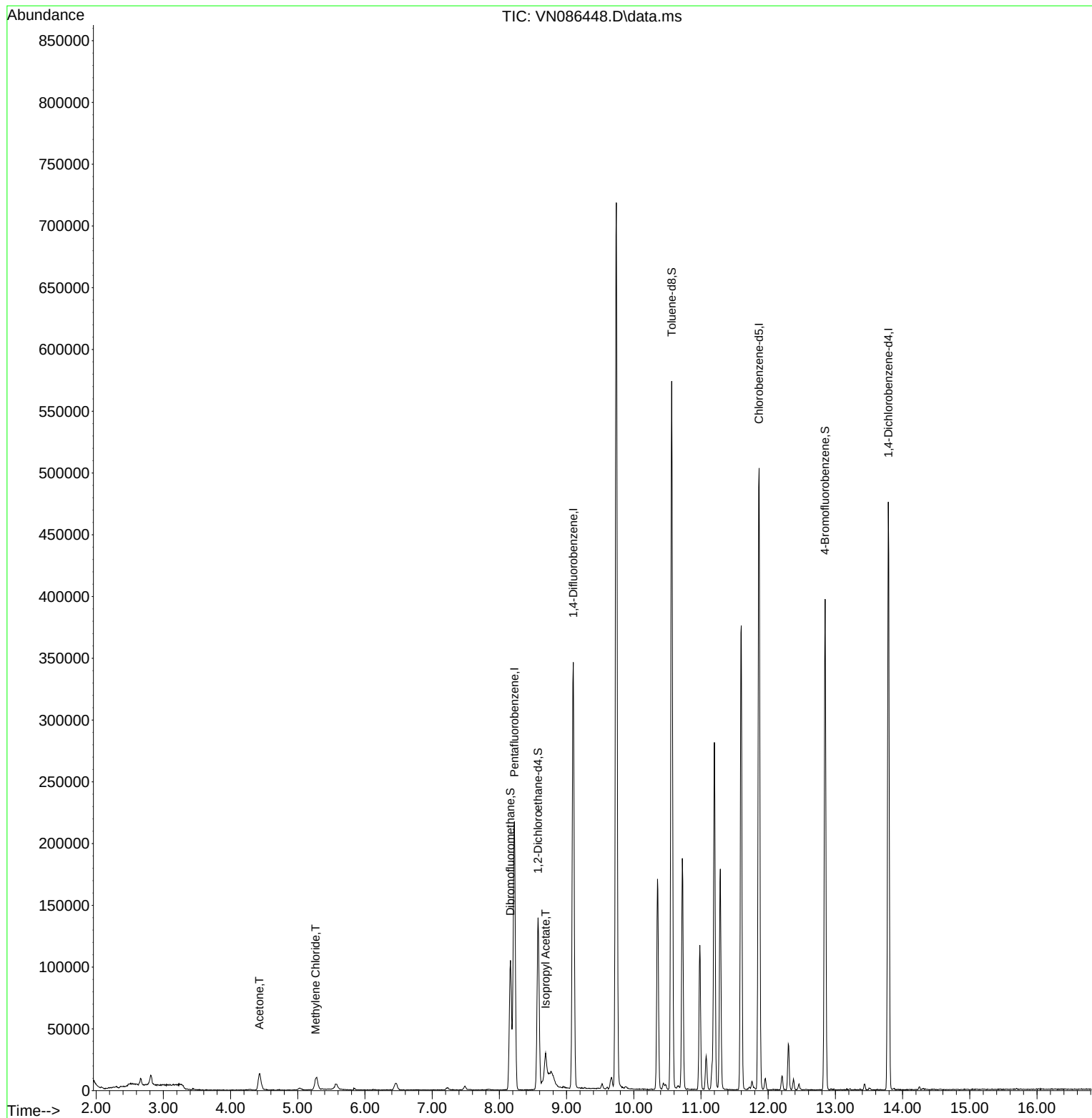
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043025\
Data File : VN086448.D
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Operator : JC\MD
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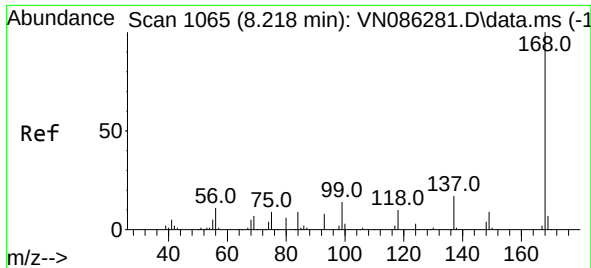
Instrument :
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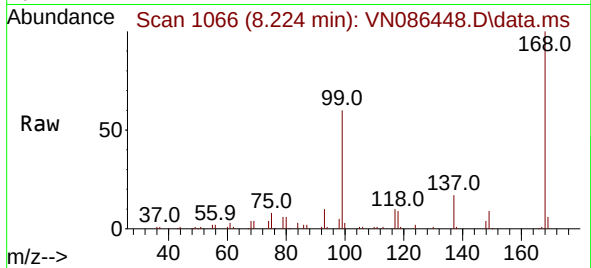
Quant Time: May 01 01:37:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086448.D
Acq: 30 Apr 2025 19:55

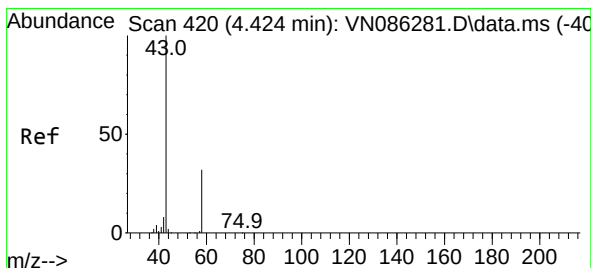
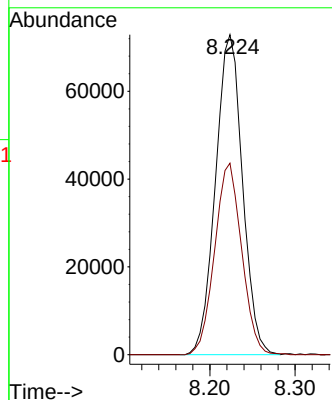
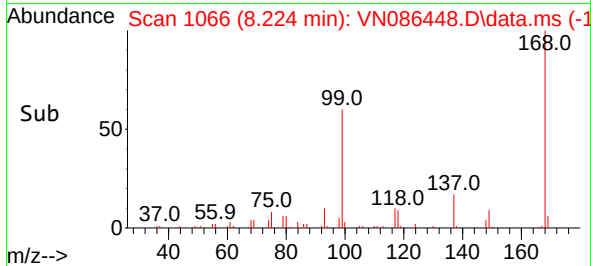
Instrument :
MSVOA_N
ClientSampleId :
PB167804TB



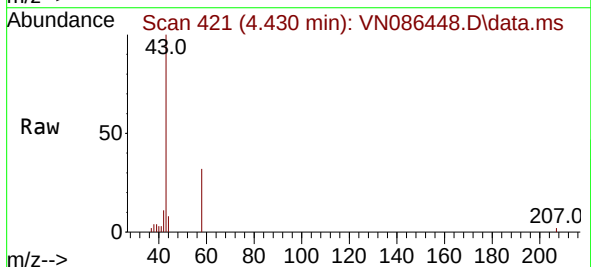
Tgt Ion:168 Resp: 16053
Ion Ratio Lower Upper
168 100
99 59.9 52.5 78.7

Manual Integrations
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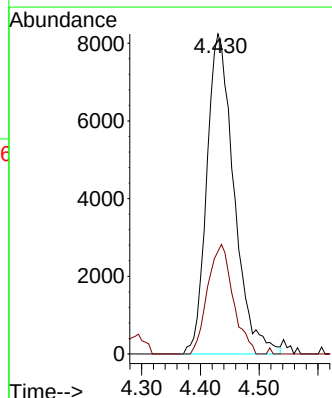
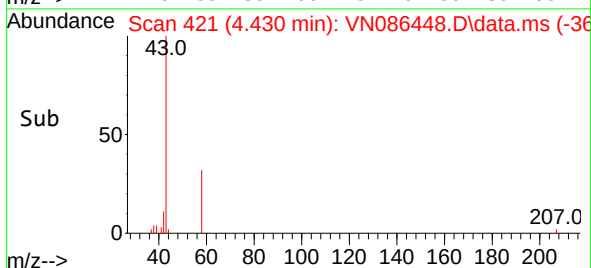
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

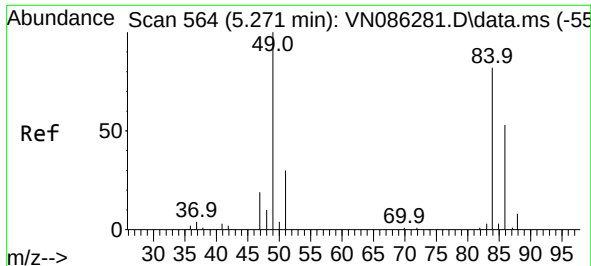


#16
Acetone
Concen: 27.859 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086448.D
Acq: 30 Apr 2025 19:55



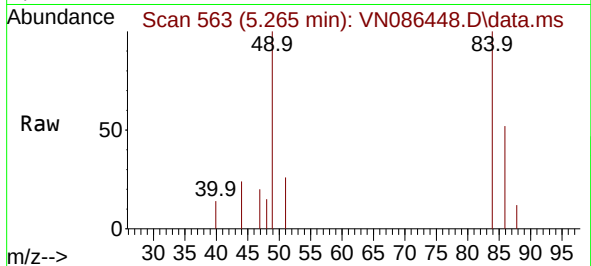
Tgt Ion: 43 Resp: 26503
Ion Ratio Lower Upper
43 100
58 32.1 25.3 37.9





#20
Methylene Chloride
Concen: 3.810 ug/l
RT: 5.265 min Scan# 50
Delta R.T. -0.006 min
Lab File: VN086448.D
Acq: 30 Apr 2025 19:55

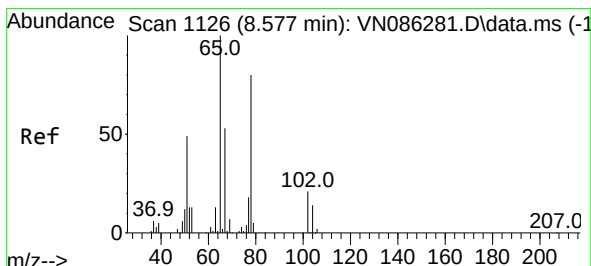
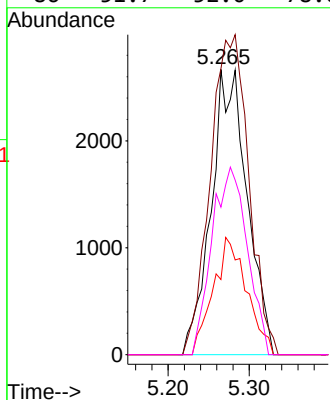
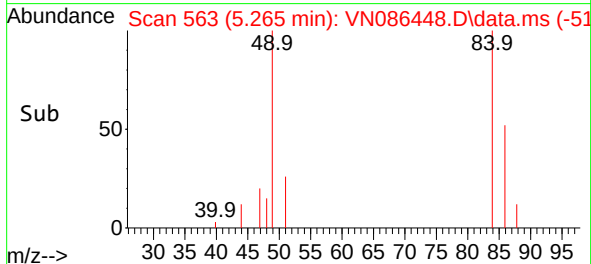
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 84 Resp: 8200
Ion Ratio Lower Upper
84 100
49 100.2 98.2 147.2
51 26.3 29.8 44.6
86 51.7 52.0 78.0#

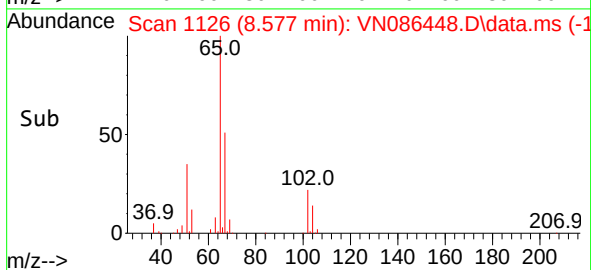
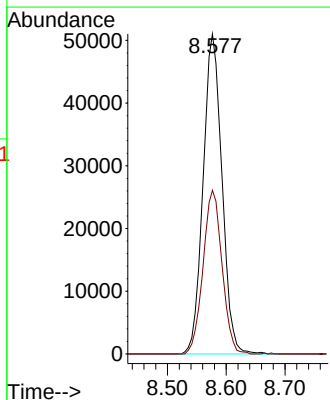
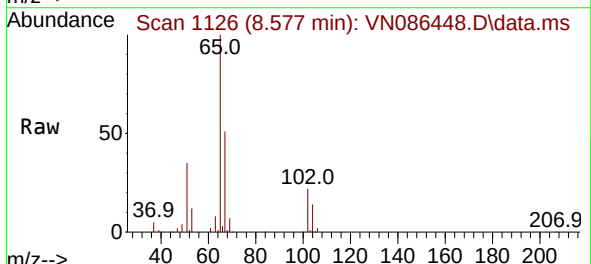
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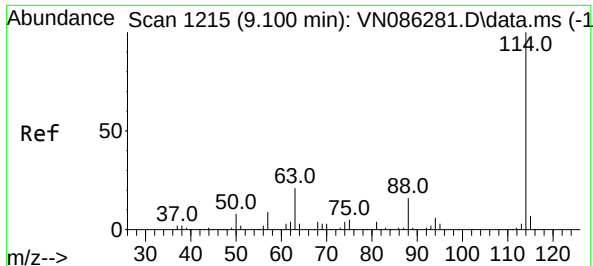
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#33
1,2-Dichloroethane-d4
Concen: 48.870 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086448.D
Acq: 30 Apr 2025 19:55

Tgt Ion: 65 Resp: 113761
Ion Ratio Lower Upper
65 100
67 51.5 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: VN086448.D

Acq: 30 Apr 2025 19:55

Instrument :

MSVOA_N

ClientSampleId :

PB167804TB

Tgt Ion:114 Resp: 304160

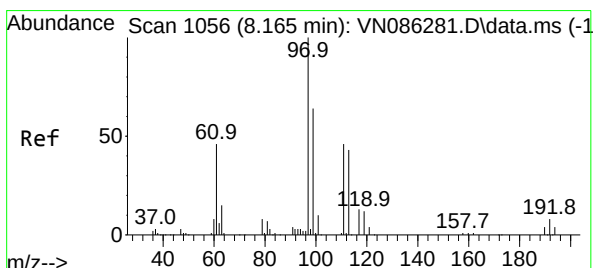
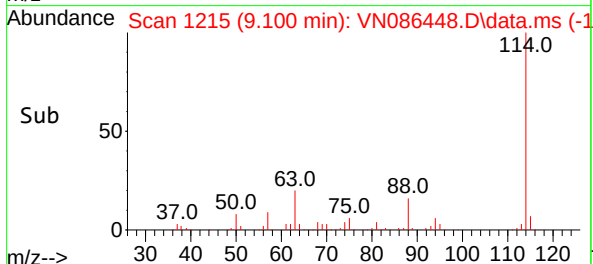
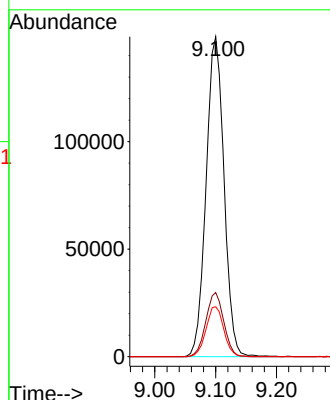
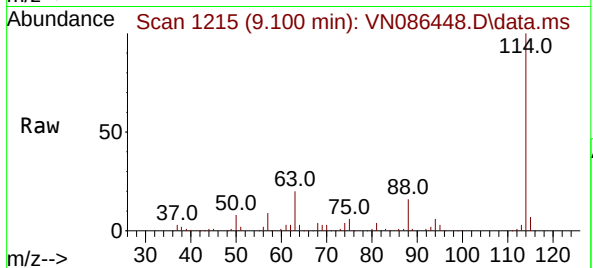
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	42.6
88	15.6	0.0	31.8

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#35

Dibromofluoromethane

Concen: 54.951 ug/l

RT: 8.165 min Scan# 1056

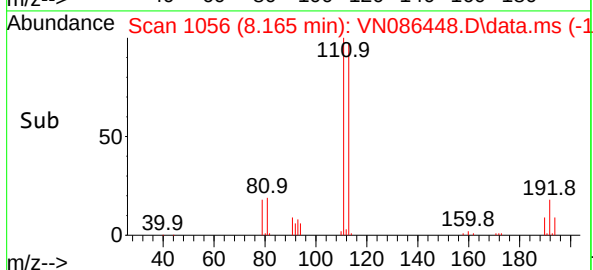
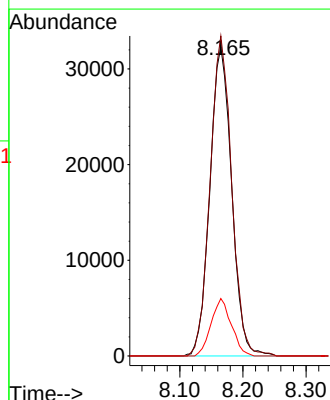
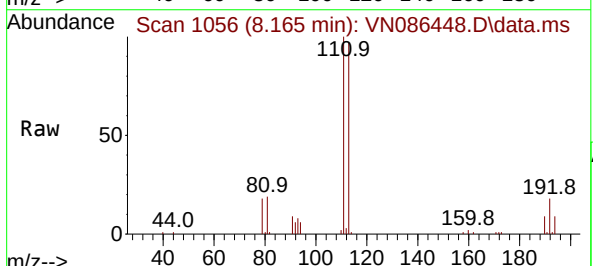
Delta R.T. -0.000 min

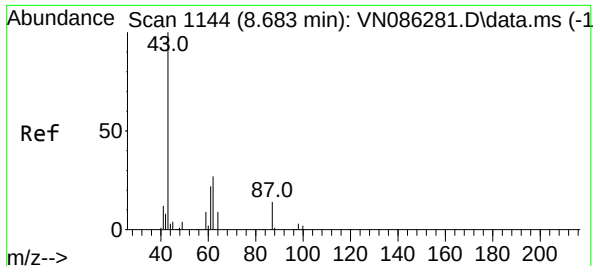
Lab File: VN086448.D

Acq: 30 Apr 2025 19:55

Tgt Ion:113 Resp: 77572

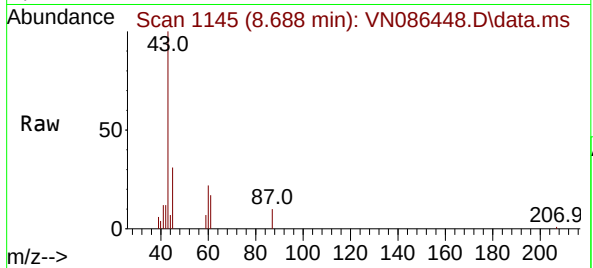
Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.4	125.0
192	17.3	13.7	20.5





#43
Isopropyl Acetate
Concen: 4.991 ug/l m
RT: 8.688 min Scan# 1144
Delta R.T. 0.005 min
Lab File: VN086448.D
Acq: 30 Apr 2025 19:55

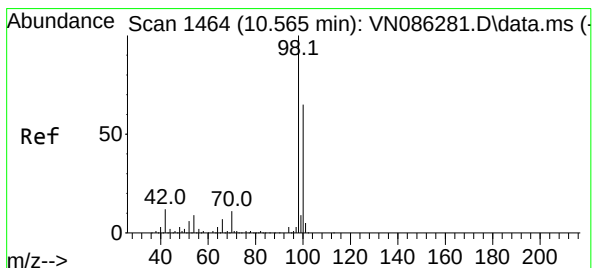
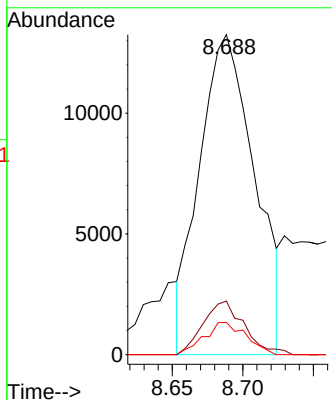
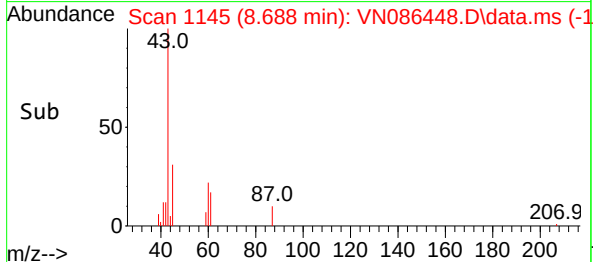
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ClientSampleId :
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Tgt Ion: 43 Resp: 36049
Ion Ratio Lower Upper
43 100
61 12.5 20.5 30.7
87 7.7 10.5 15.7

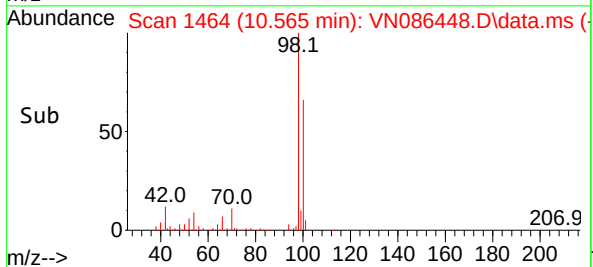
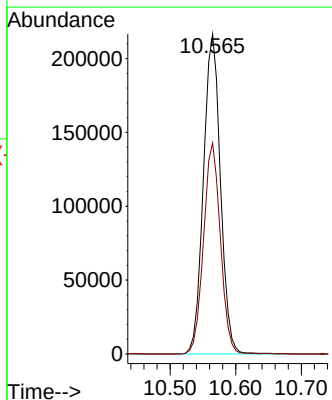
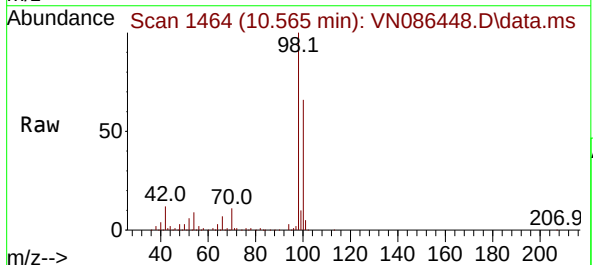
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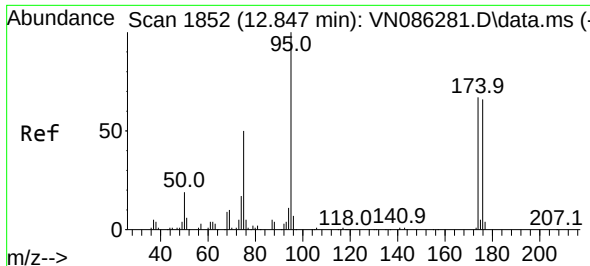
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#50
Toluene-d8
Concen: 51.854 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086448.D
Acq: 30 Apr 2025 19:55

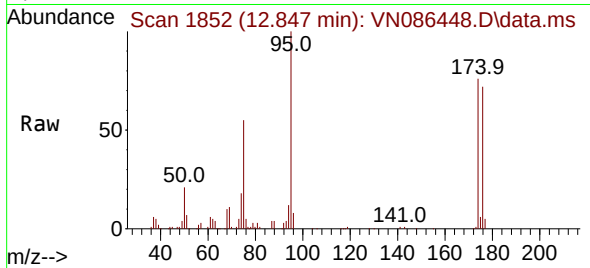
Tgt Ion: 98 Resp: 391211
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7





#62
4-Bromofluorobenzene
Concen: 50.527 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086448.D
Acq: 30 Apr 2025 19:55

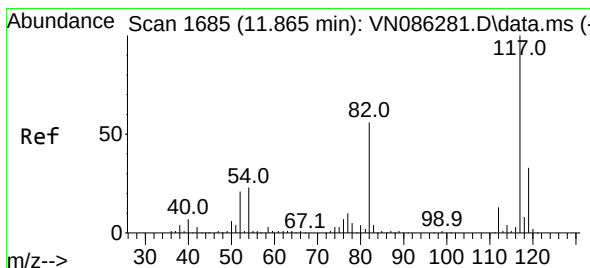
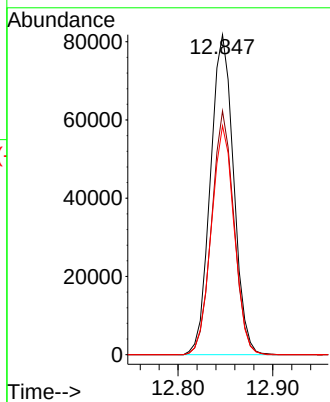
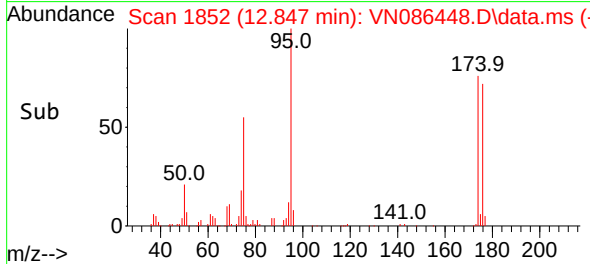
Instrument :
MSVOA_N
ClientSampleId :
PB167804TB



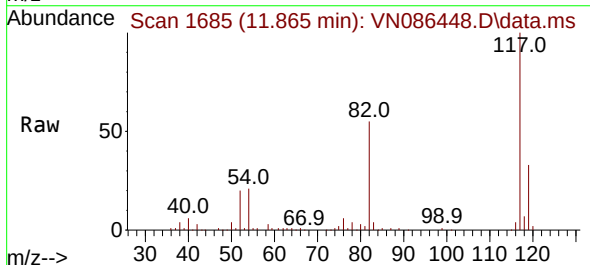
Tgt Ion: 95 Resp: 139040
Ion Ratio Lower Upper
95 100
174 73.1 0.0 133.4
176 70.7 0.0 129.2

Manual Integrations
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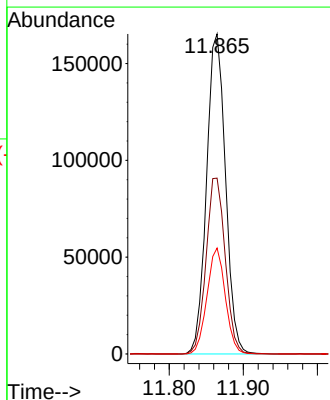
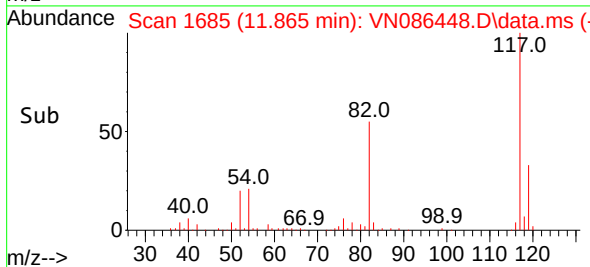
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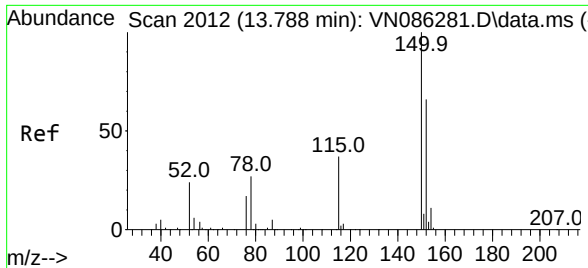


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086448.D
Acq: 30 Apr 2025 19:55



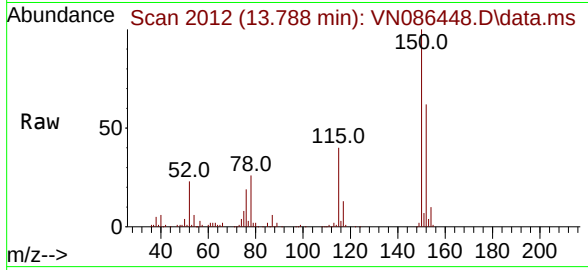
Tgt Ion:117 Resp: 293300
Ion Ratio Lower Upper
117 100
82 55.0 44.7 67.1
119 33.1 26.4 39.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN086448.D
Acq: 30 Apr 2025 19:55

Instrument :
MSVOA_N
ClientSampleId :
PB167804TB



Tgt Ion:152 Resp: 12843
Ion Ratio Lower Upper
152 100
115 60.5 31.9 95.9
150 156.4 0.0 352.0

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