

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
 Data File : VN087801.D
 Acq On : 11 Sep 2025 16:27
 Operator : JC\MD
 Sample : Q3054-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-385

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/12/2025
 Supervised By :Mahesh Dadoda 09/12/2025

Quant Time: Sep 12 02:55:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	185022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	421806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	436039	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	195676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	198787	52.438	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.880%			
35) Dibromofluoromethane	8.153	113	160827	52.809	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.620%			
50) Toluene-d8	10.547	98	570818	50.078	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.160%			
62) 4-Bromofluorobenzene	12.829	95	193983	47.854	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.700%			
Target Compounds						
16) Acetone	4.424	43	123746	59.965	ug/l	93
18) Methyl Acetate	5.018	43	20157	4.665	ug/l	97
20) Methylene Chloride	5.265	84	13013	3.198	ug/l #	71
37) Ethyl Acetate	7.553	43	13219m	2.071	ug/l	
43) Isopropyl Acetate	8.671	43	25897	2.598	ug/l #	88

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

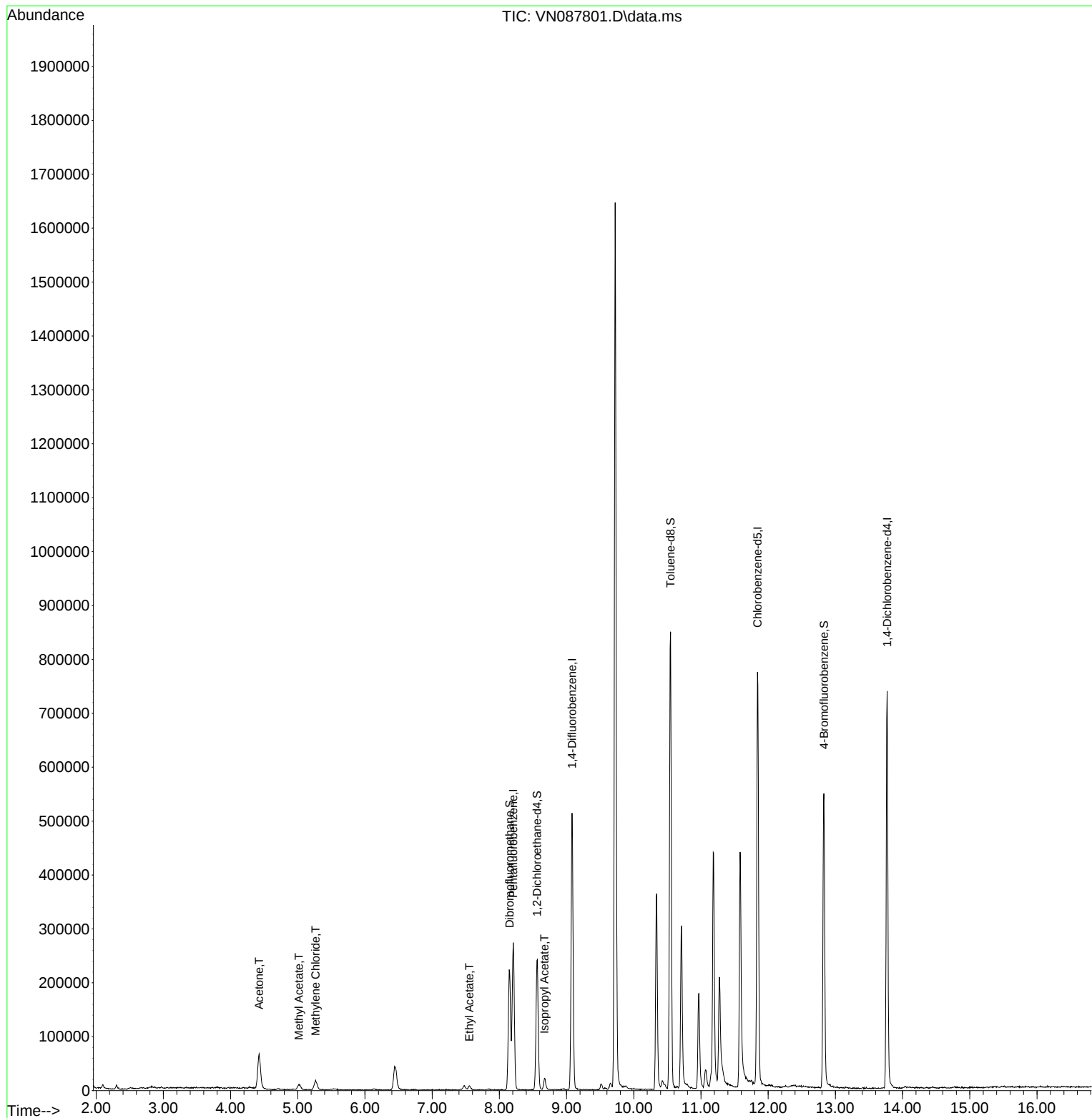
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
Data File : VN087801.D
Acq On : 11 Sep 2025 16:27
Operator : JC\MD
Sample : Q3054-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

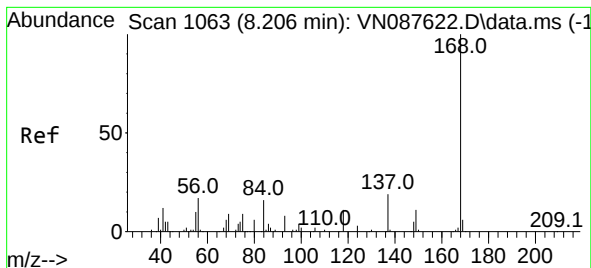
Instrument :
MSVOA_N
ClientSampleId :
MH-385

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Supervised By : Mahesh Dadoda 09/12/2025

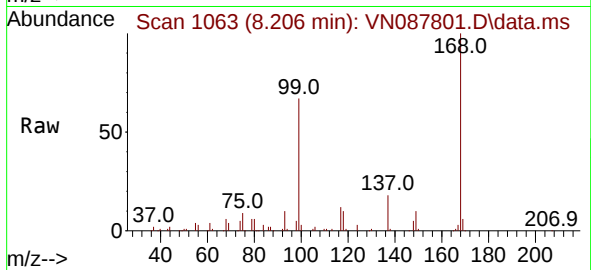
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087801.D
Acq: 11 Sep 2025 16:27

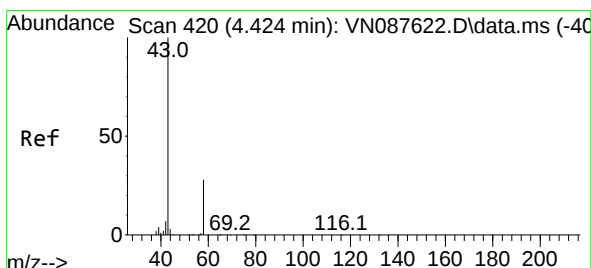
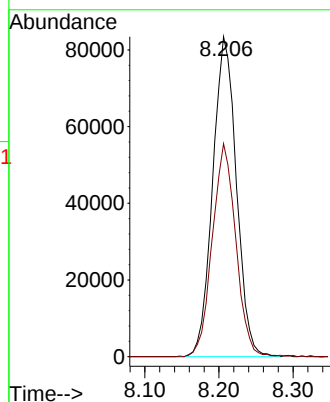
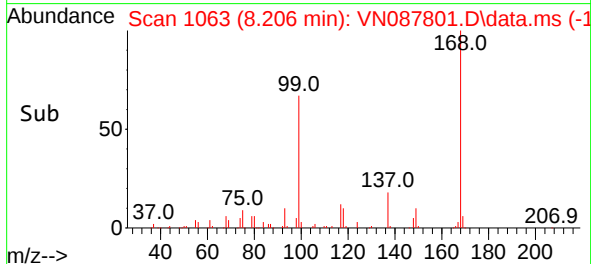
Instrument :
MSVOA_N
ClientSampleId :
MH-385



Tgt Ion:168 Resp: 18502
Ion Ratio Lower Upper
168 100
99 66.3 57.2 85.8

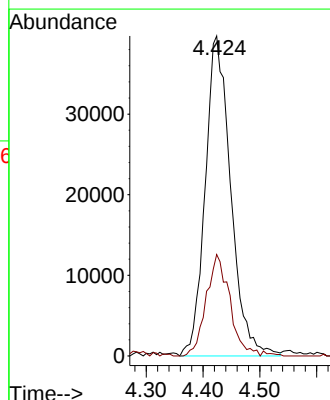
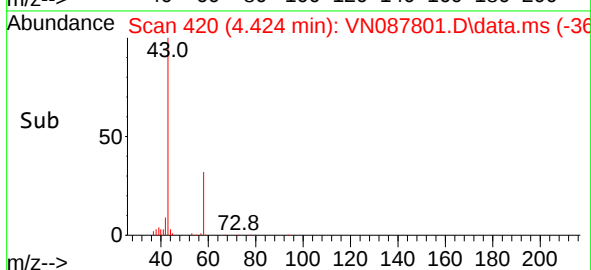
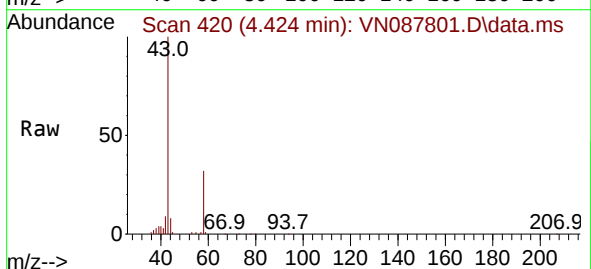
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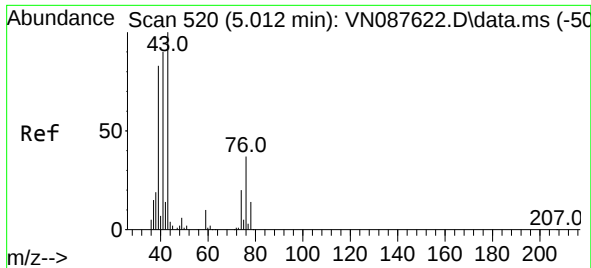
Reviewed By :Semsettin Yesilyurt 09/12/2025
Supervised By :Mahesh Dadoda 09/12/2025



#16
Acetone
Concen: 59.965 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087801.D
Acq: 11 Sep 2025 16:27

Tgt Ion: 43 Resp: 123746
Ion Ratio Lower Upper
43 100
58 31.7 22.6 33.8





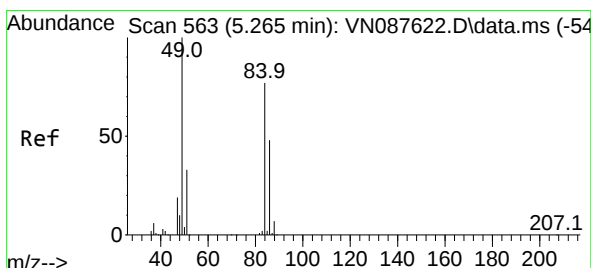
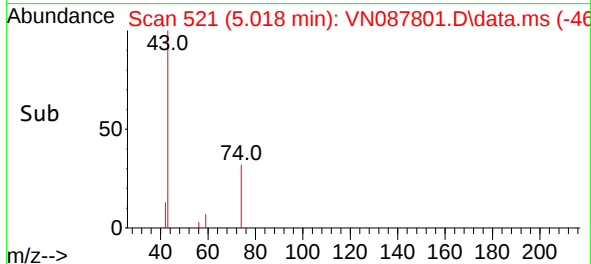
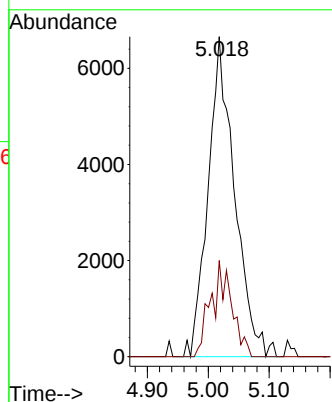
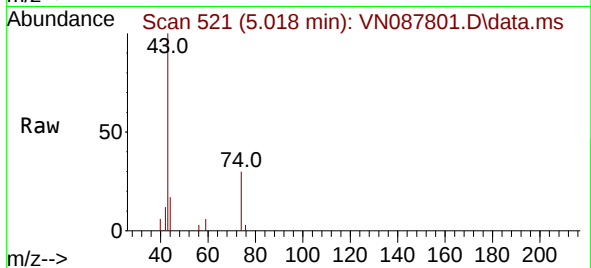
#18
Methyl Acetate
Concen: 4.665 ug/l
RT: 5.018 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN087801.D
Acq: 11 Sep 2025 16:27

Instrument :
MSVOA_N
ClientSampleId :
MH-385

Tgt Ion: 43 Resp: 2015
Ion Ratio Lower Upper
43 100
74 23.5 17.6 26.4

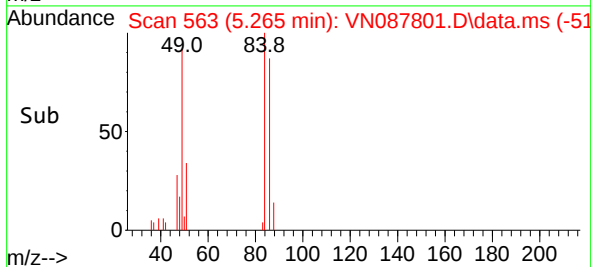
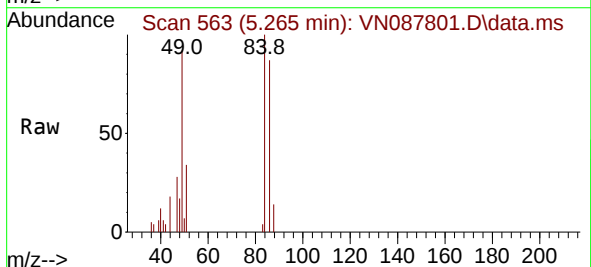
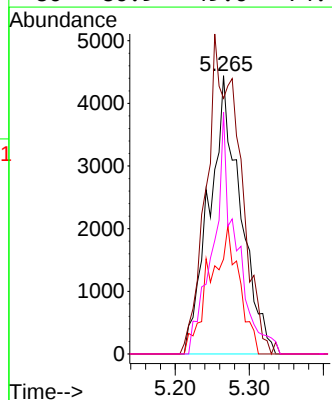
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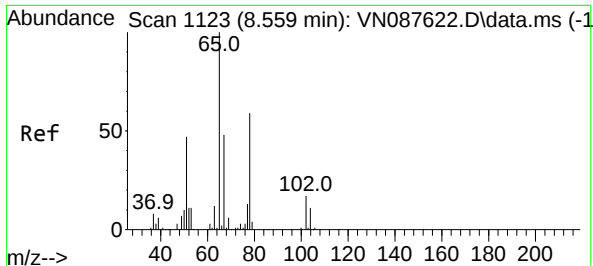
Reviewed By :Semsettin Yesilyurt 09/12/2025
Supervised By :Mahesh Dadoda 09/12/2025



#20
Methylene Chloride
Concen: 3.198 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN087801.D
Acq: 11 Sep 2025 16:27

Tgt Ion: 84 Resp: 13013
Ion Ratio Lower Upper
84 100
49 91.9 103.4 155.2#
51 34.1 33.8 50.8
86 86.9 49.6 74.4#





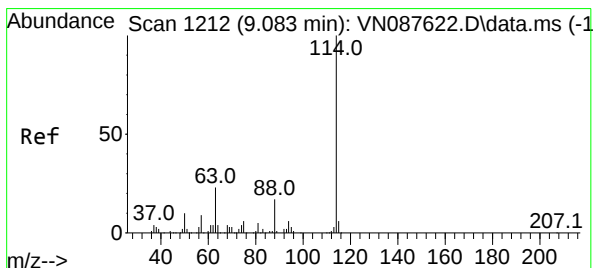
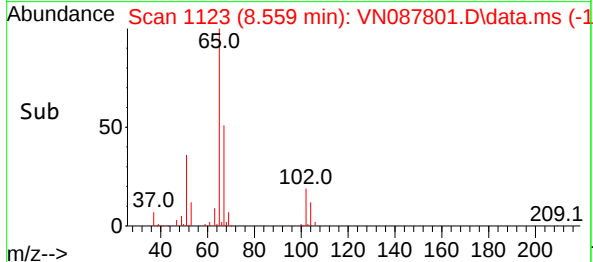
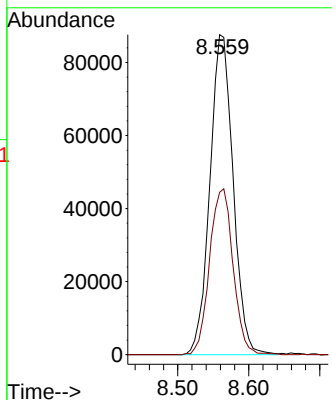
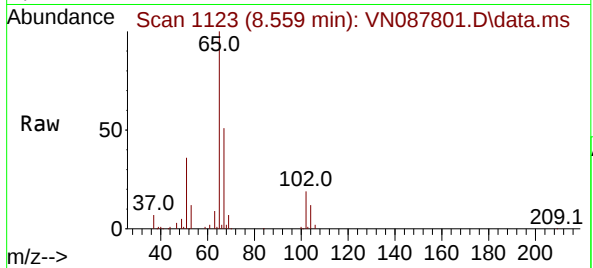
#33
1,2-Dichloroethane-d4
Concen: 52.438 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087801.D
Acq: 11 Sep 2025 16:27

Instrument :
MSVOA_N
ClientSampleId :
MH-385

Tgt Ion: 65 Resp: 19878
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.0

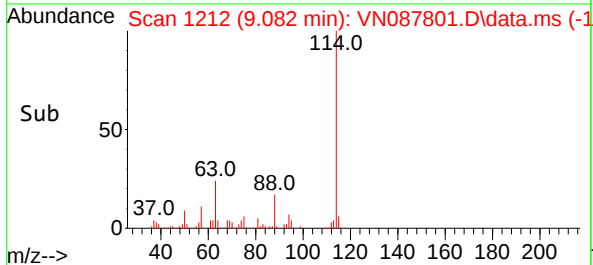
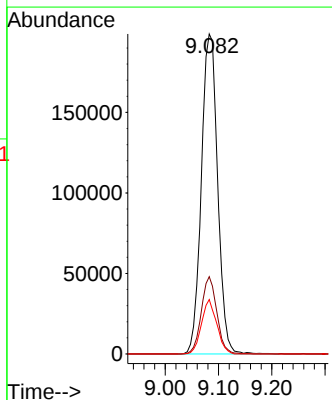
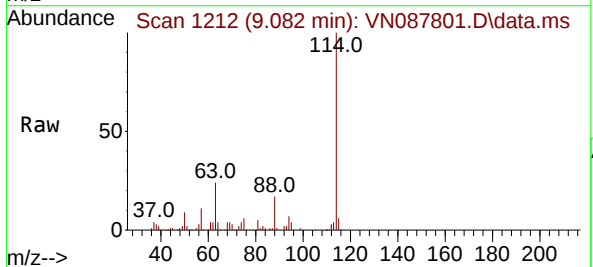
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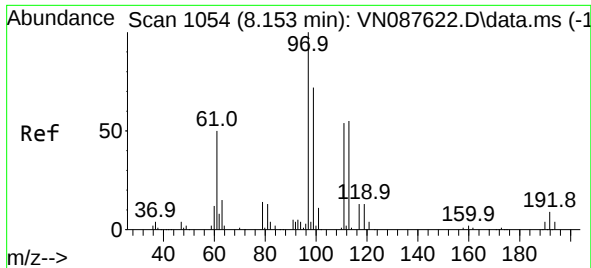
Reviewed By :Semsettin Yesilyurt 09/12/2025
Supervised By :Mahesh Dadoda 09/12/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087801.D
Acq: 11 Sep 2025 16:27

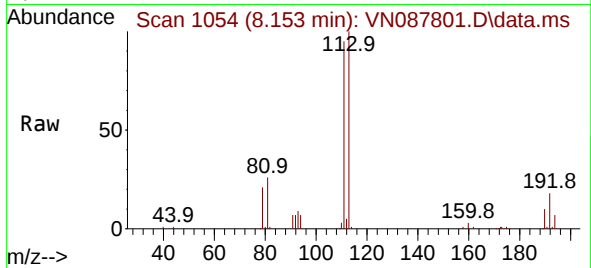
Tgt Ion:114 Resp: 421806
Ion Ratio Lower Upper
114 100
63 24.2 0.0 45.2
88 17.0 0.0 33.4





#35
Dibromofluoromethane
Concen: 52.809 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087801.D
Acq: 11 Sep 2025 16:27

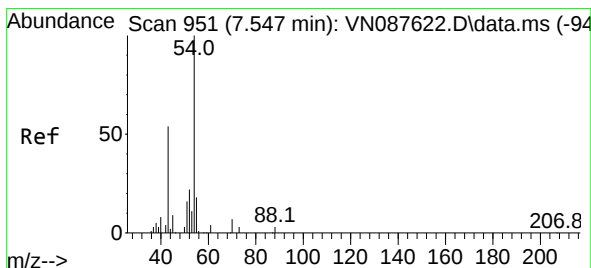
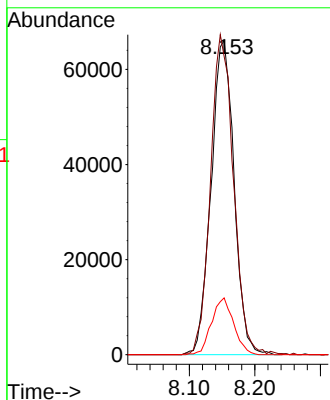
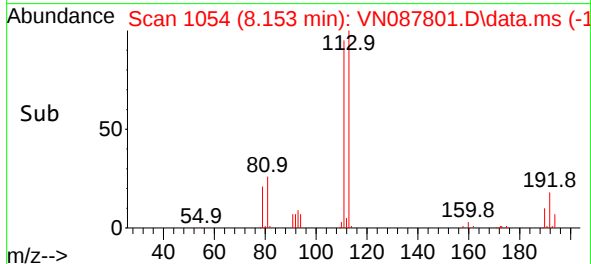
Instrument :
MSVOA_N
ClientSampleId :
MH-385



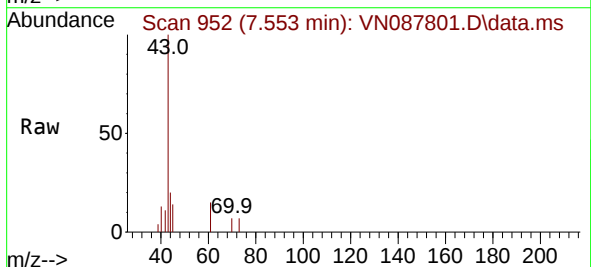
Tgt Ion: 113 Resp: 16082
Ion Ratio Lower Upper
113 100
111 102.0 82.8 124.2
192 17.4 12.8 19.2

Manual Integrations
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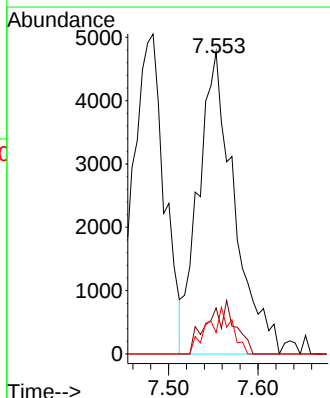
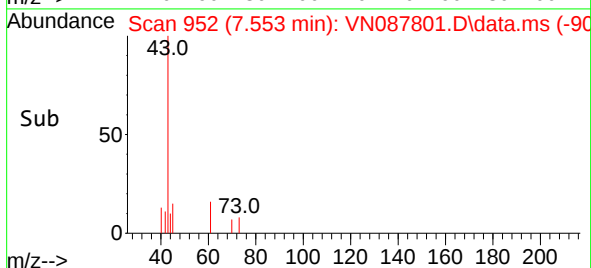
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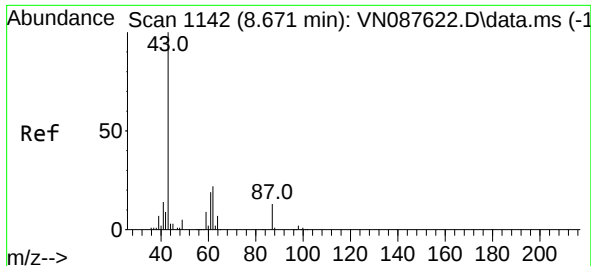


#37
Ethyl Acetate
Concen: 2.071 ug/l m
RT: 7.553 min Scan# 952
Delta R.T. 0.006 min
Lab File: VN087801.D
Acq: 11 Sep 2025 16:27



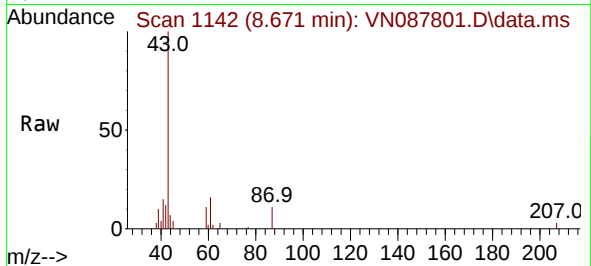
Tgt Ion: 43 Resp: 13219
Ion Ratio Lower Upper
43 100
61 7.6 9.3 13.9#
70 10.3 7.0 10.6





#43
Isopropyl Acetate
Concen: 2.598 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN087801.D
Acq: 11 Sep 2025 16:27

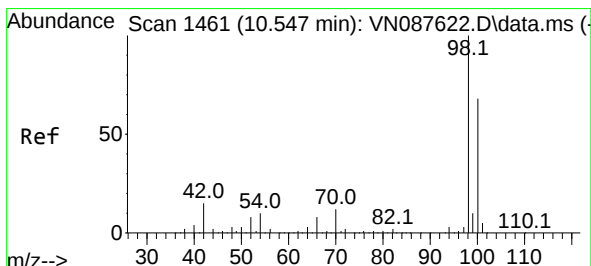
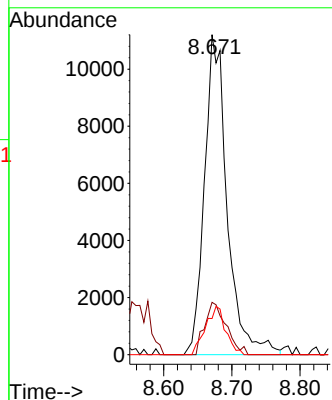
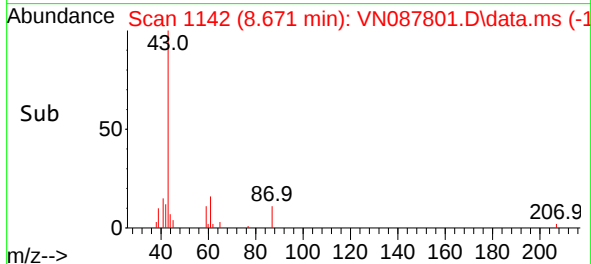
Instrument :
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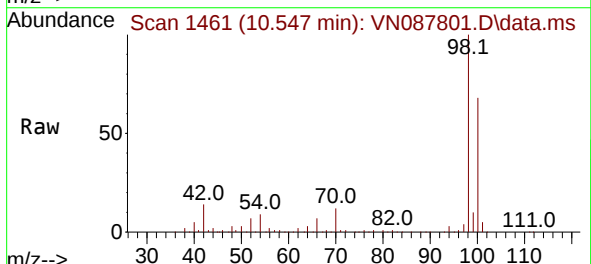
Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.6	18.8	28.2
87	13.4	9.6	14.4

Manual Integrations
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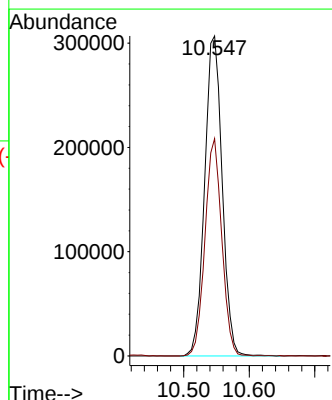
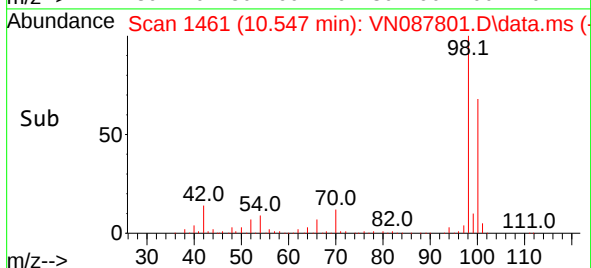
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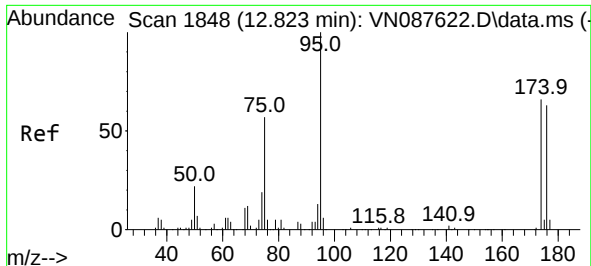


#50
Toluene-d8
Concen: 50.078 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087801.D
Acq: 11 Sep 2025 16:27



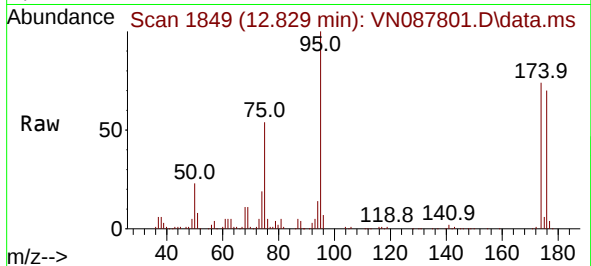
Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.8	79.2





#62
4-Bromofluorobenzene
Concen: 47.854 ug/l
RT: 12.829 min Scan# 1848
Delta R.T. 0.006 min
Lab File: VN087801.D
Acq: 11 Sep 2025 16:27

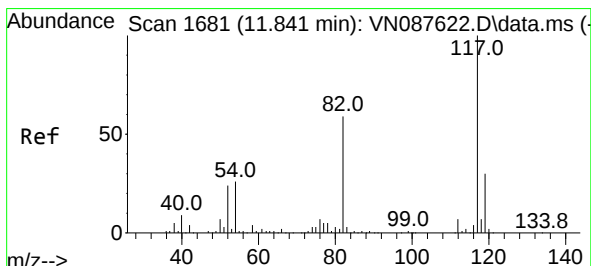
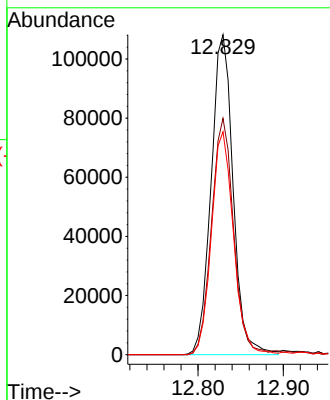
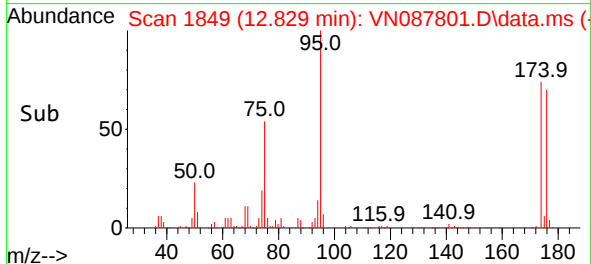
Instrument :
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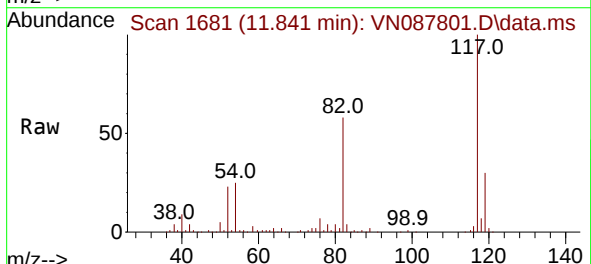
Tgt Ion: 95 Resp: 19398
Ion Ratio Lower Upper
95 100
174 73.9 0.0 138.4
176 70.1 0.0 132.6

Manual Integrations
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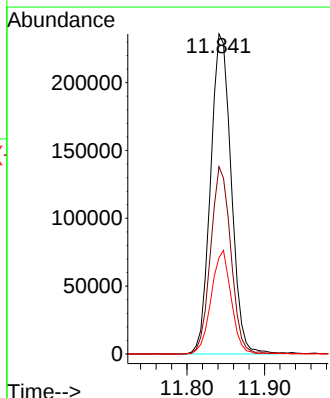
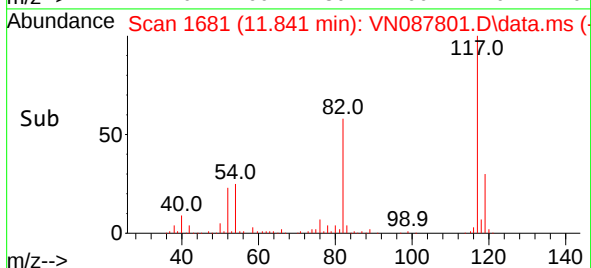
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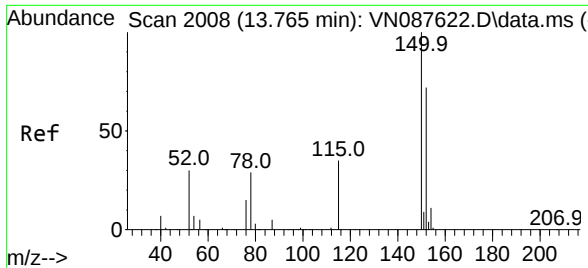


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN087801.D
Acq: 11 Sep 2025 16:27



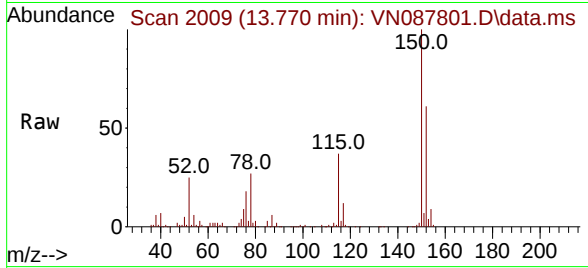
Tgt Ion:117 Resp: 436039
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.2
119 30.1 24.3 36.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN087801.D
 Acq: 11 Sep 2025 16:27

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-385



Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.7	32.3	96.8
150	160.5	0.0	351.0

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