

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
 Data File : VN087829.D
 Acq On : 15 Sep 2025 12:14
 Operator : JC\MD
 Sample : Q3082-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-30

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025
 Supervised By :Semsettin Yesilyurt 09/16/2025

Quant Time: Sep 16 02:19:12 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	180990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	413704	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	422006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	190840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	197879	53.361	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.720%			
35) Dibromofluoromethane	8.153	113	157167	52.618	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.240%			
50) Toluene-d8	10.547	98	552025	49.378	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.760%			
62) 4-Bromofluorobenzene	12.829	95	192800	48.493	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.980%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.677	142	69	6.842	ug/l #	38
16) Acetone	4.424	43	108396	53.697	ug/l	94
18) Methyl Acetate	5.018	43	19818m	4.689	ug/l	
20) Methylene Chloride	5.271	84	10415	2.385	ug/l #	67
43) Isopropyl Acetate	8.671	43	22331	2.284	ug/l	96

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

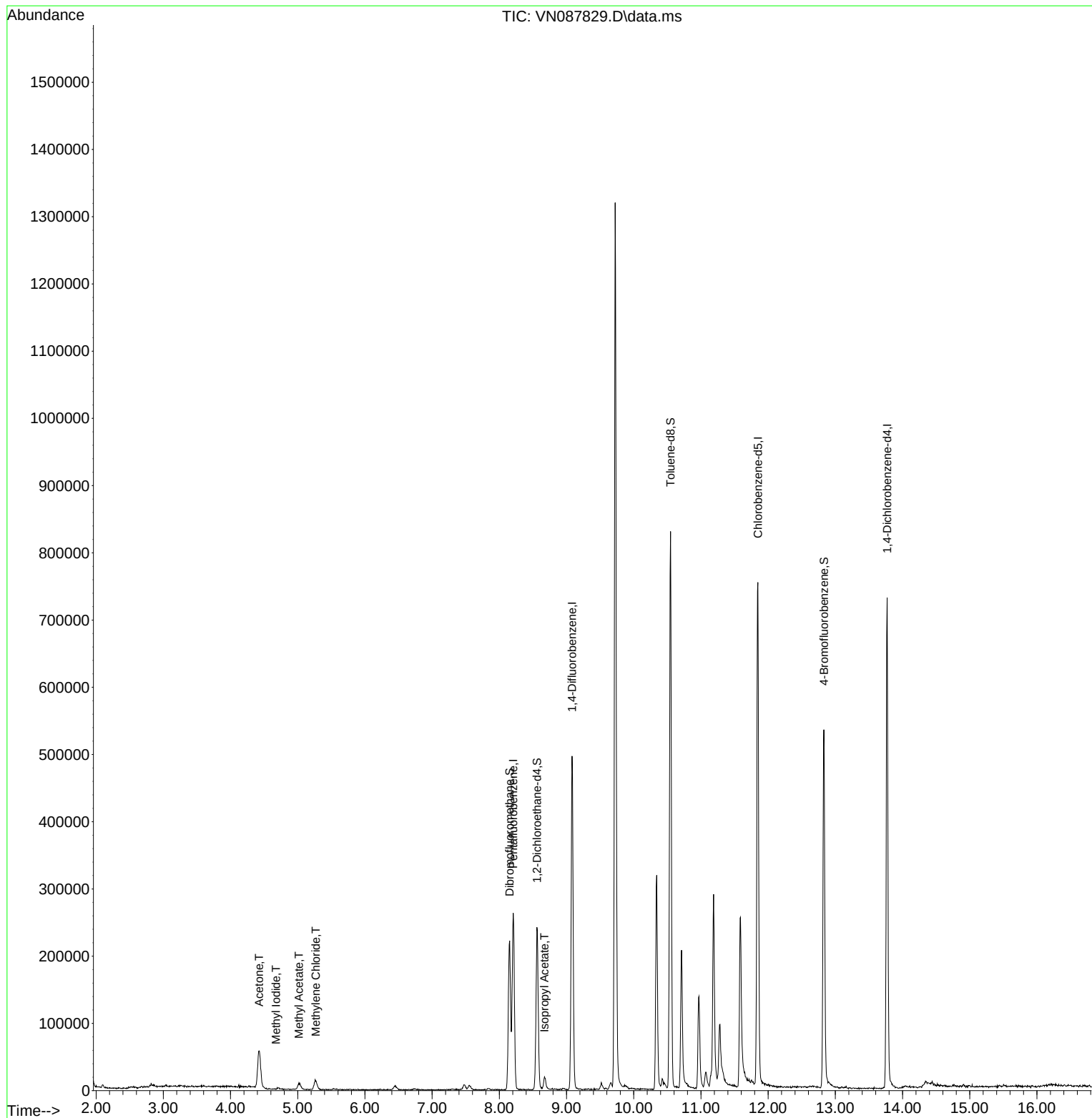
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
Data File : VN087829.D
Acq On : 15 Sep 2025 12:14
Operator : JC\MD
Sample : Q3082-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

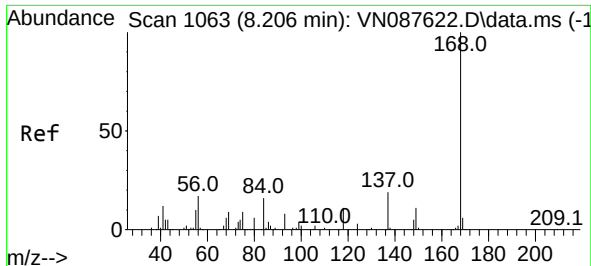
Instrument :
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ClientSampleId :
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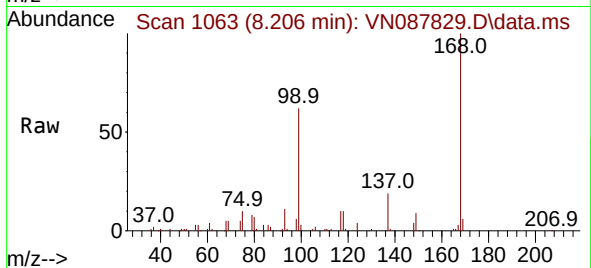
Quant Time: Sep 16 02:19:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087829.D
Acq: 15 Sep 2025 12:14

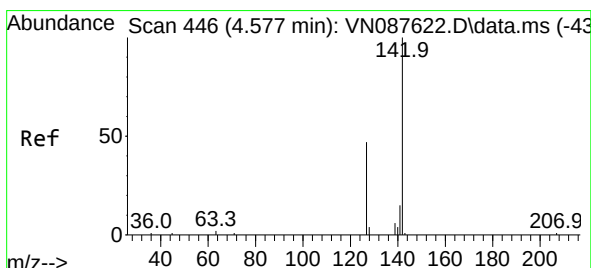
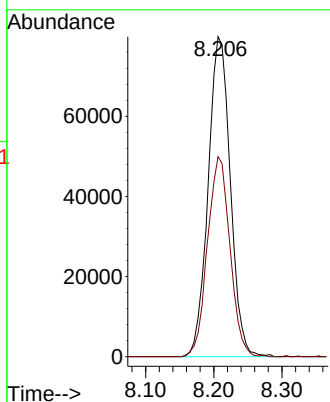
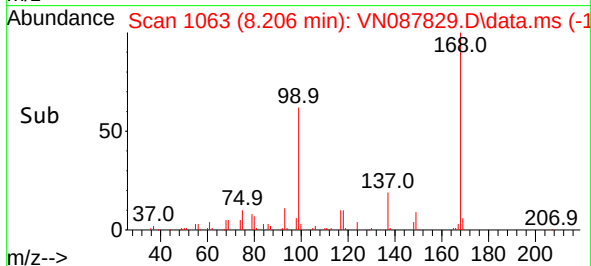
Instrument :
MSVOA_N
ClientSampleId :
WC-30



Tgt Ion:168 Resp: 180990
Ion Ratio Lower Upper
168 100
99 62.5 57.2 85.8

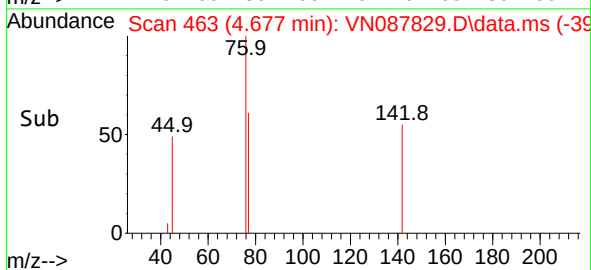
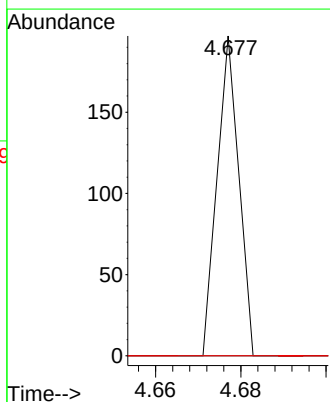
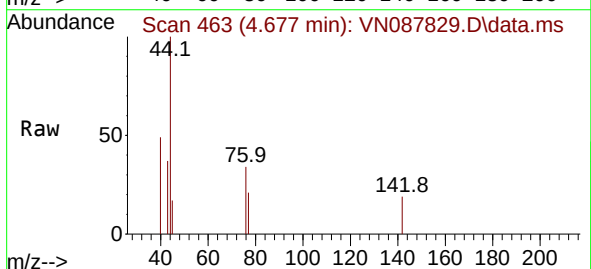
Manual Integrations
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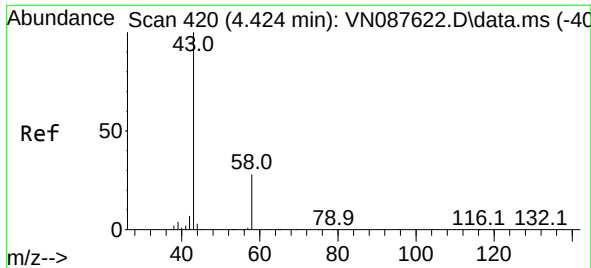
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#10
Methyl Iodide
Concen: 6.842 ug/l
RT: 4.677 min Scan# 463
Delta R.T. 0.100 min
Lab File: VN087829.D
Acq: 15 Sep 2025 12:14

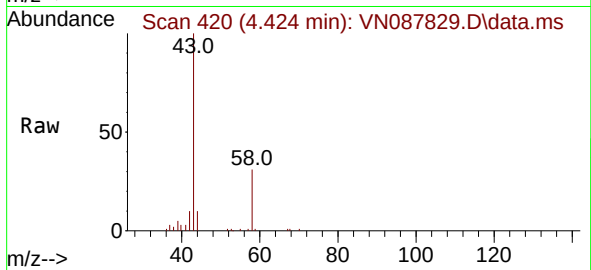
Tgt Ion:142 Resp: 69
Ion Ratio Lower Upper
142 100
127 0.0 38.0 57.0#
141 0.0 12.0 18.0#





#16
Acetone
Concen: 53.697 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN087829.D
Acq: 15 Sep 2025 12:14

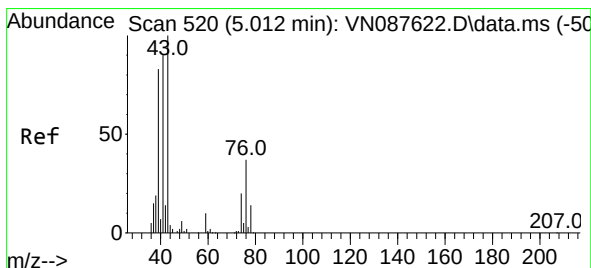
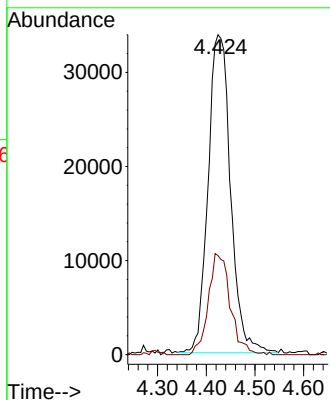
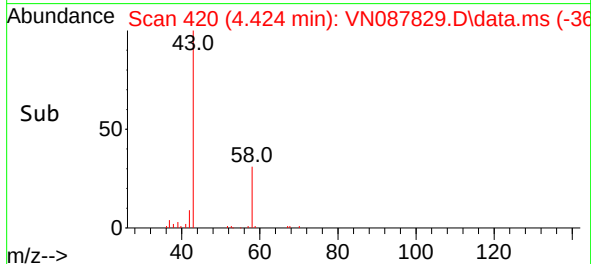
Instrument :
MSVOA_N
ClientSampleId :
WC-30



Tgt Ion: 43 Resp: 108390
Ion Ratio Lower Upper
43 100
58 31.1 22.6 33.8

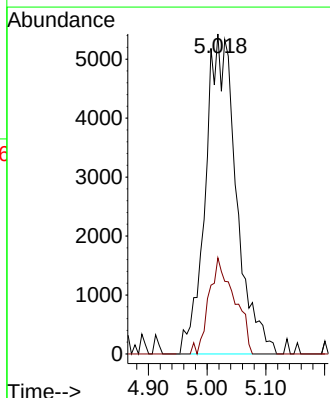
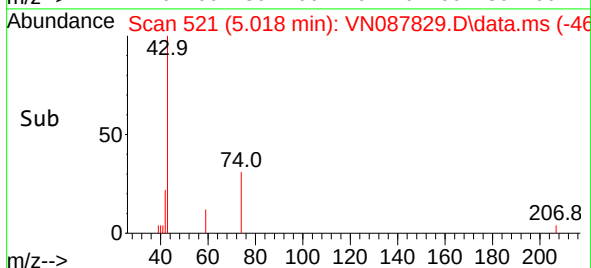
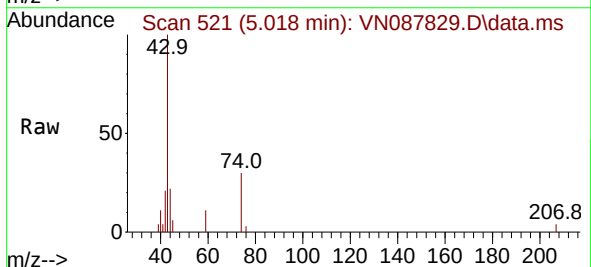
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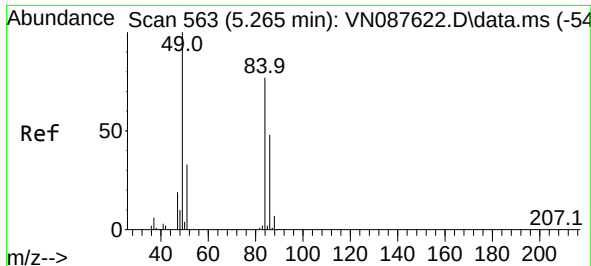
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#18
Methyl Acetate
Concen: 4.689 ug/l m
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087829.D
Acq: 15 Sep 2025 12:14

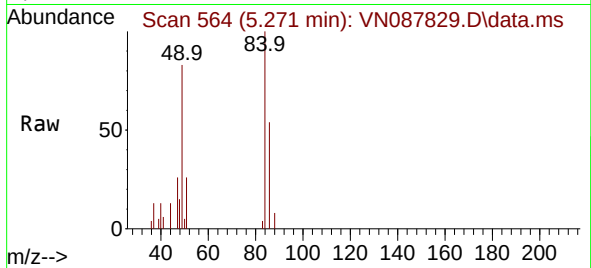
Tgt Ion: 43 Resp: 19818
Ion Ratio Lower Upper
43 100
74 24.8 17.6 26.4





#20
Methylene Chloride
Concen: 2.385 ug/l
RT: 5.271 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN087829.D
Acq: 15 Sep 2025 12:14

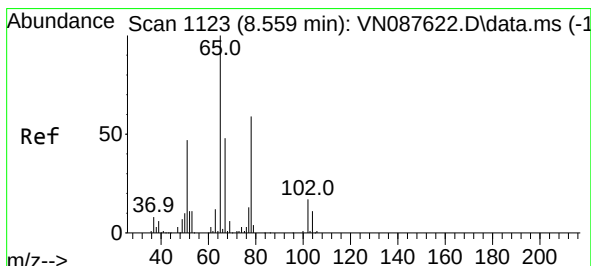
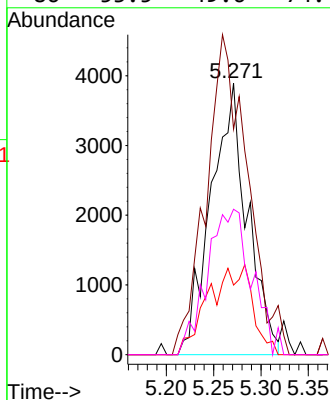
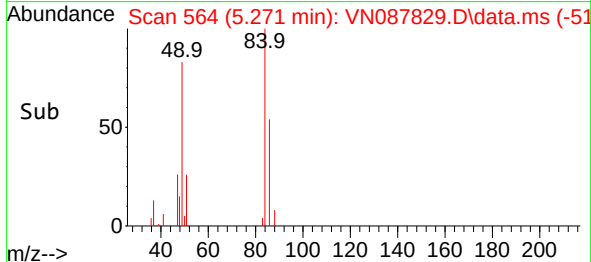
Instrument :
MSVOA_N
ClientSampleId :
WC-30



Tgt Ion: 84 Resp: 1041
Ion Ratio Lower Upper
84 100
49 75.7 103.4 155.2
51 25.6 33.8 50.8
86 53.5 49.6 74.4

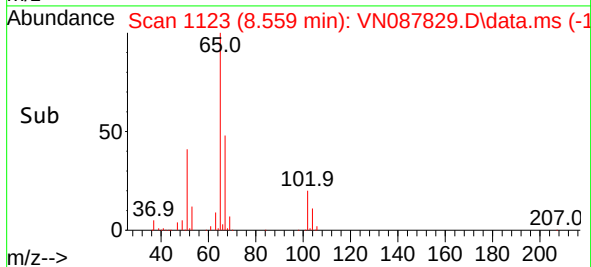
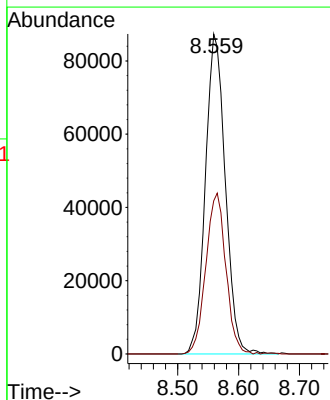
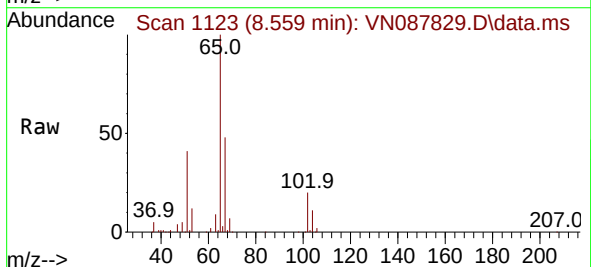
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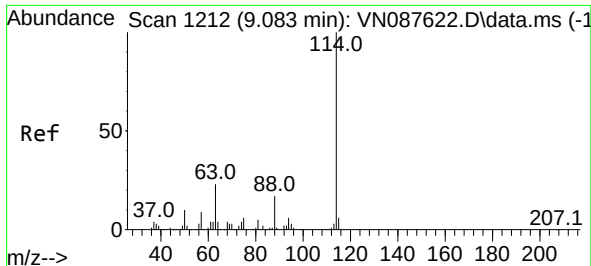
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#33
1,2-Dichloroethane-d4
Concen: 53.361 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN087829.D
Acq: 15 Sep 2025 12:14

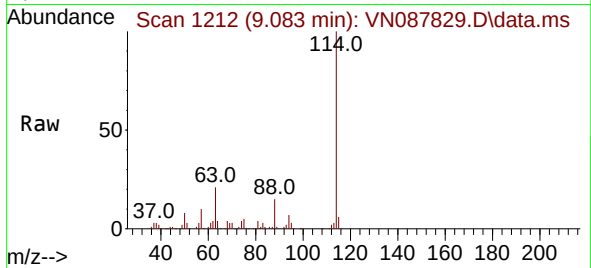
Tgt Ion: 65 Resp: 197879
Ion Ratio Lower Upper
65 100
67 50.6 0.0 100.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN087829.D
Acq: 15 Sep 2025 12:14

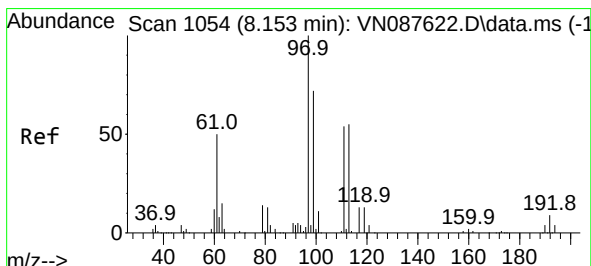
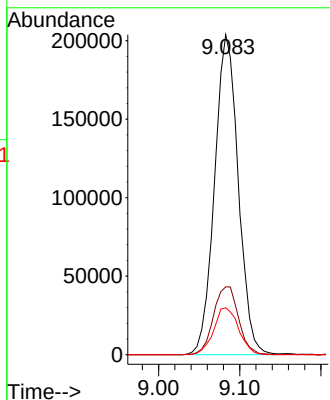
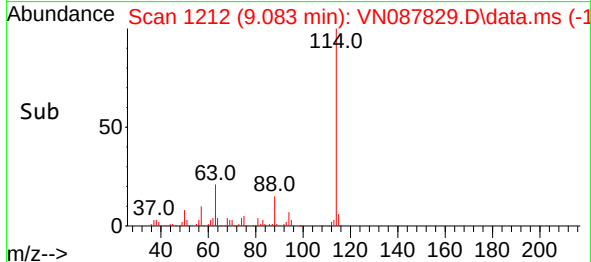
Instrument :
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WC-30



Tgt Ion:114 Resp: 413704
Ion Ratio Lower Upper
114 100
63 21.2 0.0 45.2
88 14.6 0.0 33.4

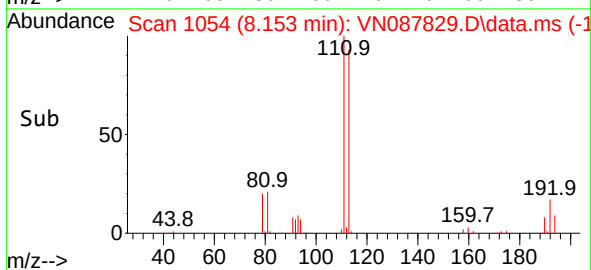
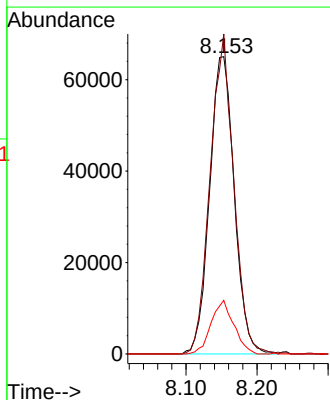
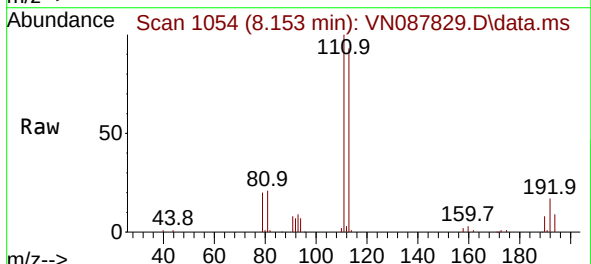
Manual Integrations
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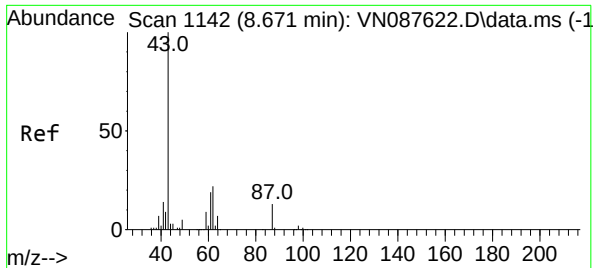
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#35
Dibromofluoromethane
Concen: 52.618 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087829.D
Acq: 15 Sep 2025 12:14

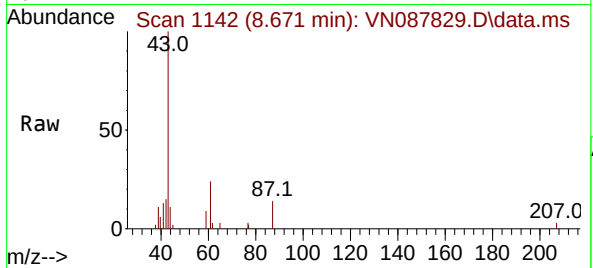
Tgt Ion:113 Resp: 157167
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 16.6 12.8 19.2





#43
Isopropyl Acetate
Concen: 2.284 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN087829.D
Acq: 15 Sep 2025 12:14

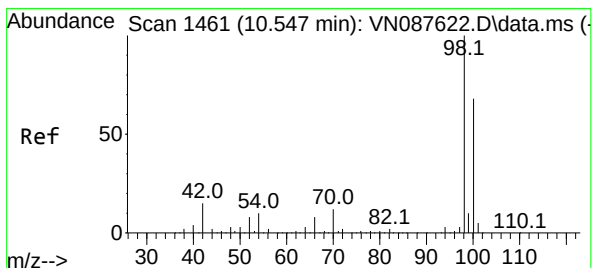
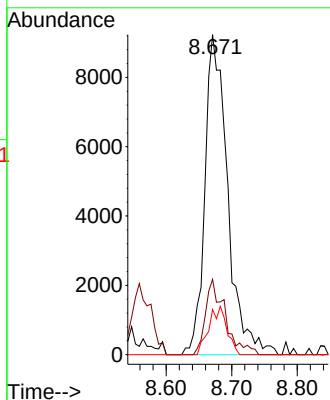
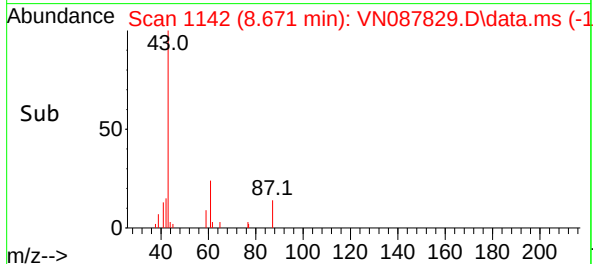
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WC-30



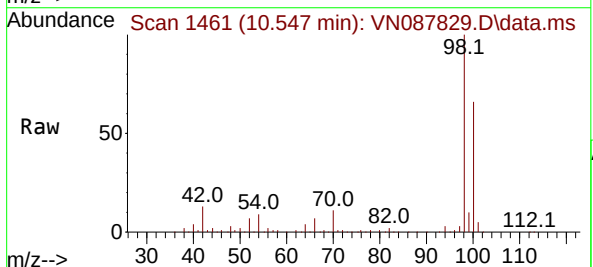
Tgt Ion: 43 Resp: 2233
Ion Ratio Lower Upper
43 100
61 20.4 18.8 28.2
87 11.9 9.6 14.4

Manual Integrations
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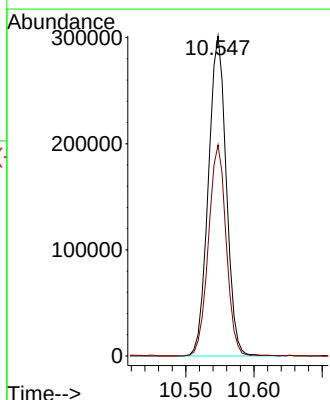
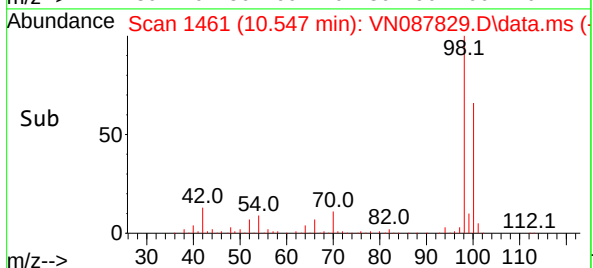
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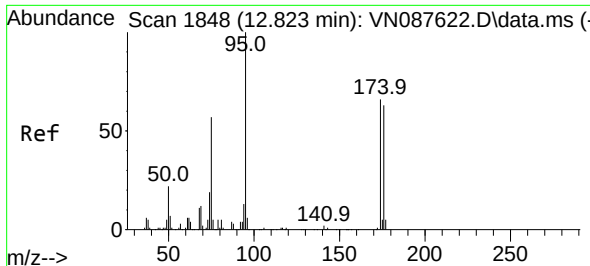


#50
Toluene-d8
Concen: 49.378 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087829.D
Acq: 15 Sep 2025 12:14



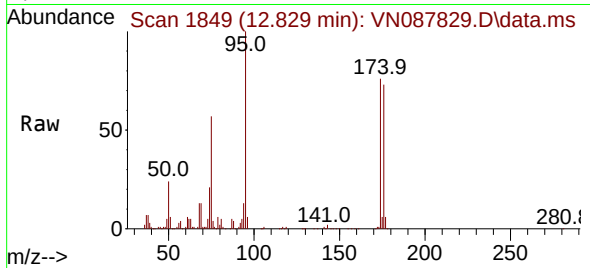
Tgt Ion: 98 Resp: 552025
Ion Ratio Lower Upper
98 100
100 65.2 52.8 79.2





#62
4-Bromofluorobenzene
Concen: 48.493 ug/l
RT: 12.829 min Scan# 1848
Delta R.T. 0.006 min
Lab File: VN087829.D
Acq: 15 Sep 2025 12:14

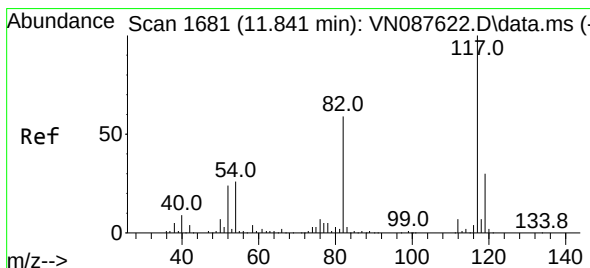
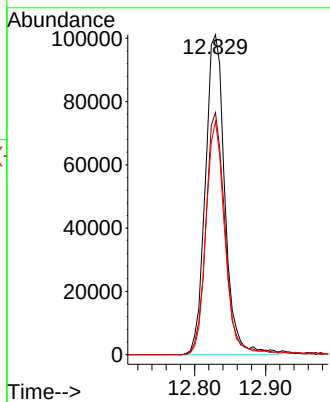
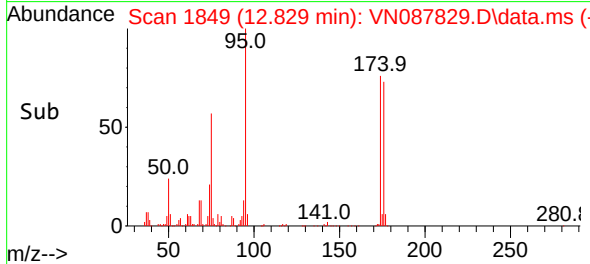
Instrument :
MSVOA_N
ClientSampleId :
WC-30



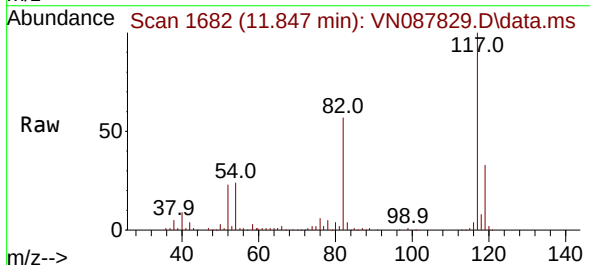
Tgt Ion: 95 Resp: 192800
Ion Ratio Lower Upper
95 100
174 75.1 0.0 138.4
176 70.7 0.0 132.6

Manual Integrations
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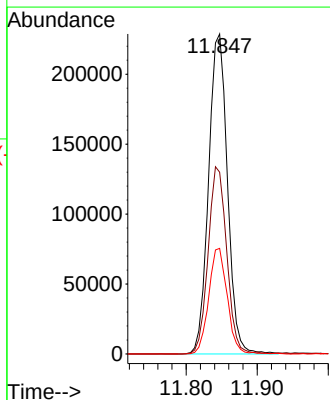
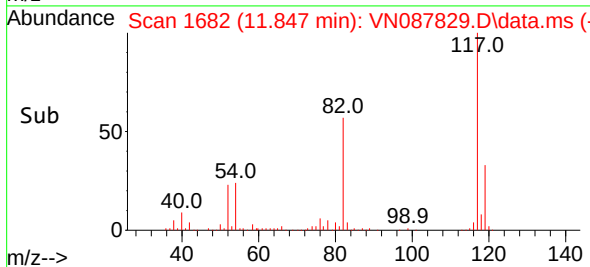
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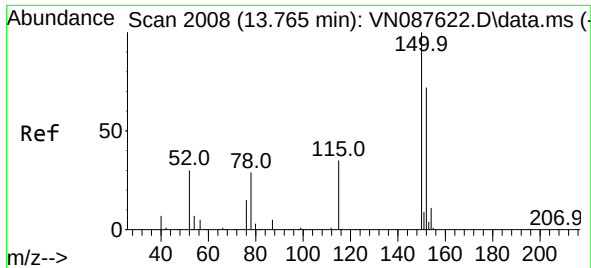


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN087829.D
Acq: 15 Sep 2025 12:14



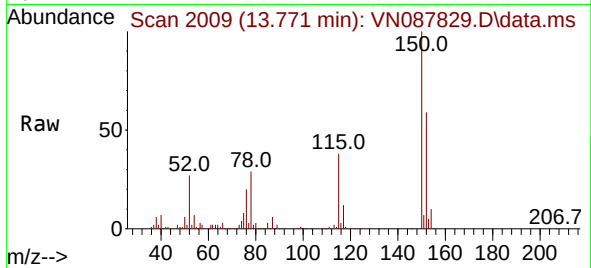
Tgt Ion:117 Resp: 422006
Ion Ratio Lower Upper
117 100
82 56.8 47.4 71.2
119 33.0 24.3 36.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.771 min Scan# 2009
 Delta R.T. 0.006 min
 Lab File: VN087829.D
 Acq: 15 Sep 2025 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-30



Tgt Ion:152 Resp: 190840
 Ion Ratio Lower Upper
 152 100
 115 63.9 32.3 96.8
 150 160.8 0.0 351.0

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