

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN091125\  
 Data File : VN087800.D  
 Acq On : 11 Sep 2025 16:06  
 Operator : JC\MD  
 Sample : PB169644TB  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB169644TB

Manual Integrations  
 APPROVED

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

Quant Time: Sep 12 02:54:52 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  | 172987              | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.083          | 114  | 394904              | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.841         | 117  | 402876              | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.770         | 152  | 179551              | 50.000 | ug/l   | 0.00     |
|                             |                |      |                     |        |        |          |
| System Monitoring Compounds |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.559          | 65   | 182499              | 51.491 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = 102.980% |        |        |          |
| 35) Dibromofluoromethane    | 8.153          | 113  | 148306              | 52.015 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 104.040% |        |        |          |
| 50) Toluene-d8              | 10.547         | 98   | 531983              | 49.851 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = 99.700%  |        |        |          |
| 62) 4-Bromofluorobenzene    | 12.829         | 95   | 185310              | 48.828 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 77 - 121 |      | Recovery = 97.660%  |        |        |          |
|                             |                |      |                     |        |        |          |
| Target Compounds            |                |      |                     |        |        |          |
| 16) Acetone                 | 4.424          | 43   | 75649               | 39.208 | ug/l   | 97       |
| 18) Methyl Acetate          | 5.018          | 43   | 36763               | 9.100  | ug/l # | 88       |
| 20) Methylene Chloride      | 5.265          | 84   | 19481               | 5.885  | ug/l # | 76       |
| 25) 2-Butanone              | 7.477          | 43   | 43695               | 17.214 | ug/l   | 99       |
| 37) Ethyl Acetate           | 7.547          | 43   | 25664m              | 4.294  | ug/l   |          |
| 43) Isopropyl Acetate       | 8.677          | 43   | 16394               | 1.757  | ug/l # | 91       |
| -----                       |                |      |                     |        |        |          |

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

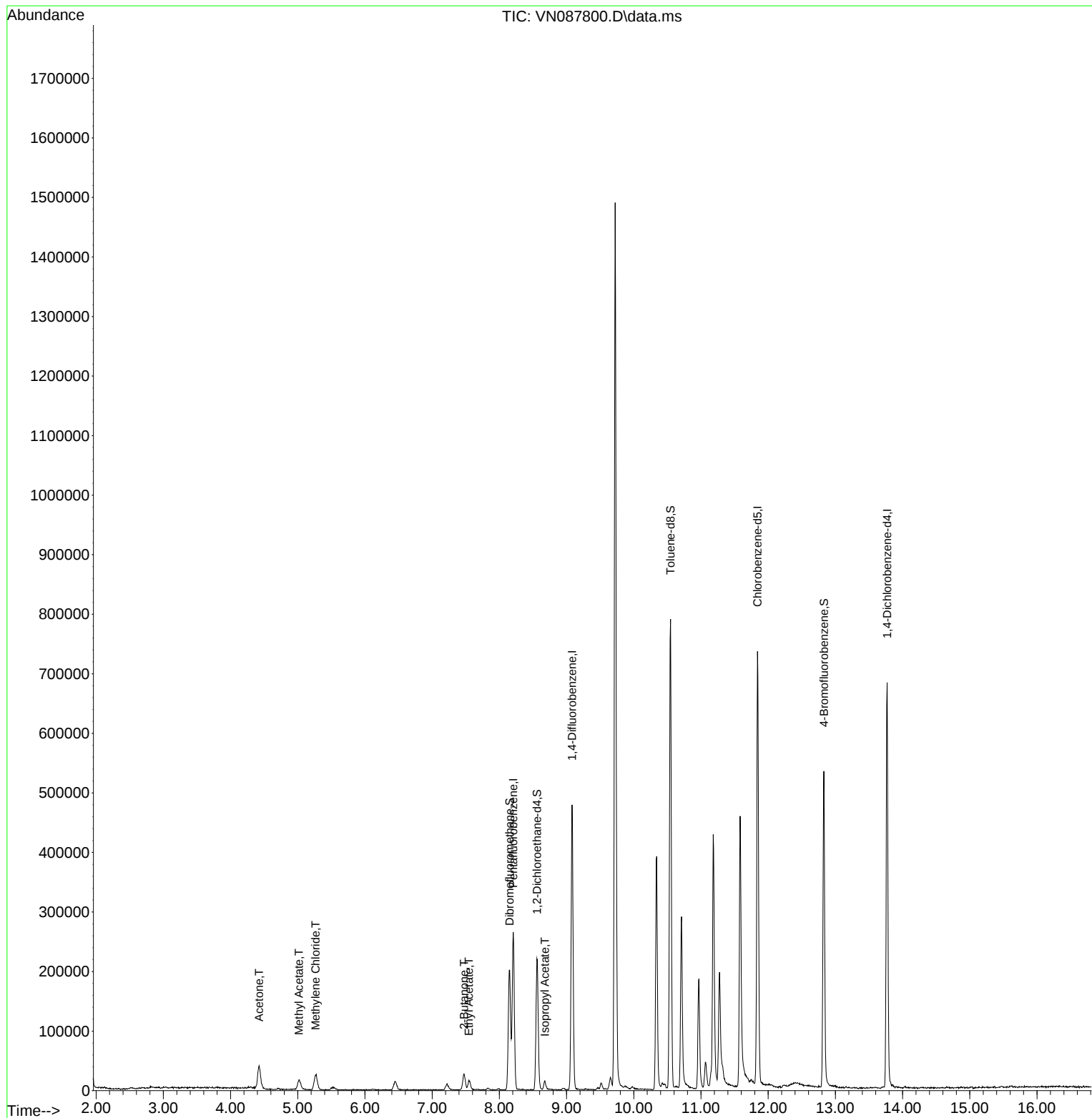
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN091125\  
Data File : VN087800.D  
Acq On : 11 Sep 2025 16:06  
Operator : JC\MD  
Sample : PB169644TB  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 1 Sample Multiplier: 1

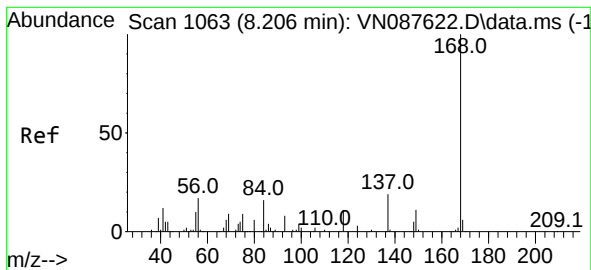
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB169644TB

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

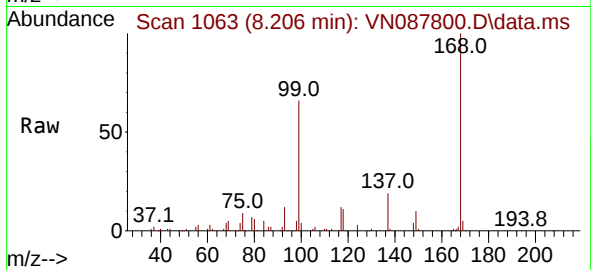
Quant Time: Sep 12 02:54:52 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N082125W.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 22 02:55:42 2025  
Response via : Initial Calibration





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.206 min Scan# 1063  
Delta R.T. 0.000 min  
Lab File: VN087800.D  
Acq: 11 Sep 2025 16:06

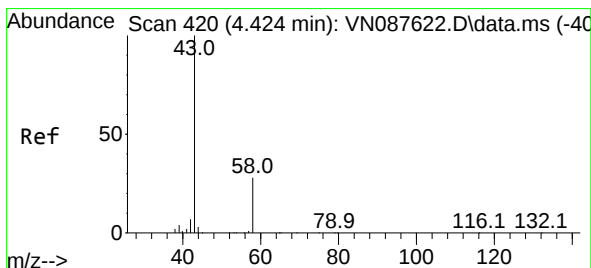
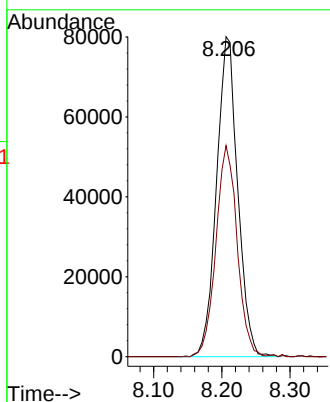
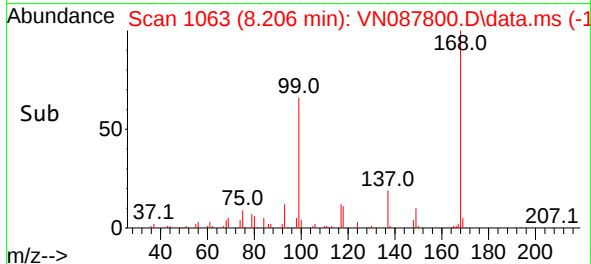
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB169644TB



Tgt Ion:168 Resp: 17298  
Ion Ratio Lower Upper  
168 100  
99 65.9 57.2 85.8

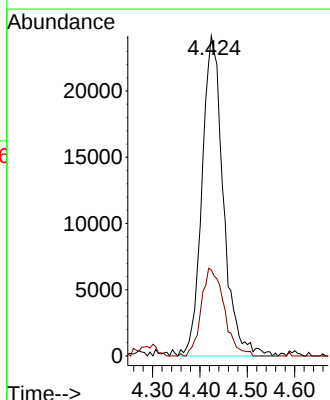
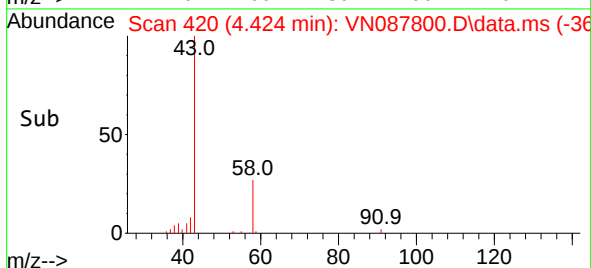
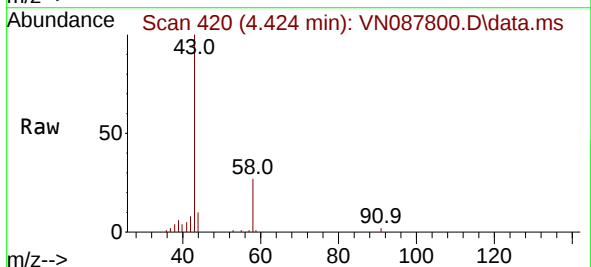
Manual Integrations  
APPROVED

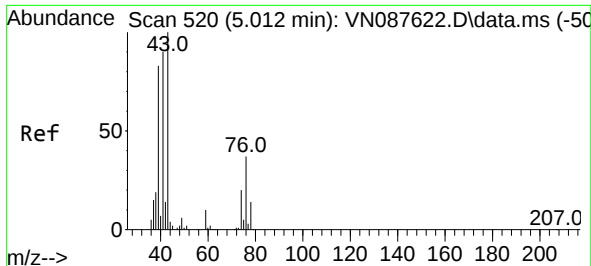
Reviewed By :Semsettin Yesilyurt 09/12/2025  
Supervised By :Mahesh Dadoda 09/12/2025



#16  
Acetone  
Concen: 39.208 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. -0.000 min  
Lab File: VN087800.D  
Acq: 11 Sep 2025 16:06

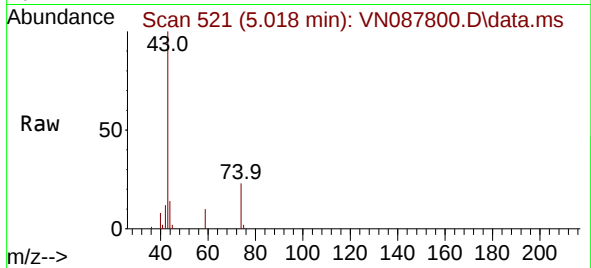
Tgt Ion: 43 Resp: 75649  
Ion Ratio Lower Upper  
43 100  
58 26.9 22.6 33.8





#18  
Methyl Acetate  
Concen: 9.100 ug/l  
RT: 5.018 min Scan# 518  
Delta R.T. 0.006 min  
Lab File: VN087800.D  
Acq: 11 Sep 2025 16:06

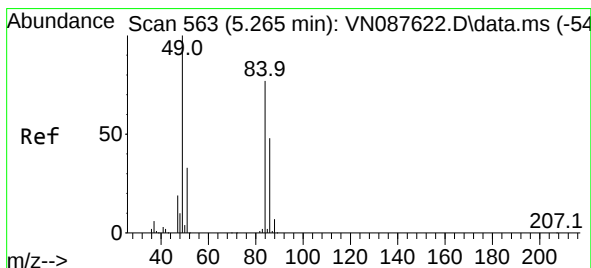
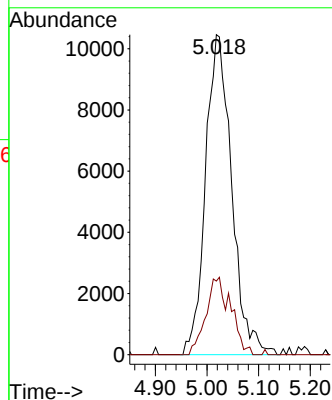
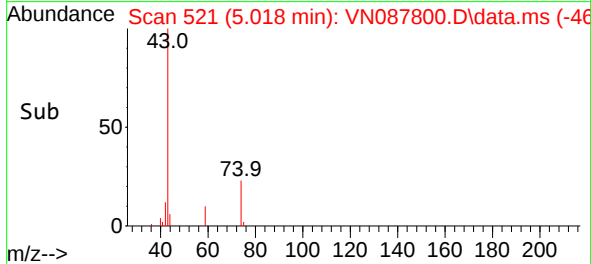
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB169644TB



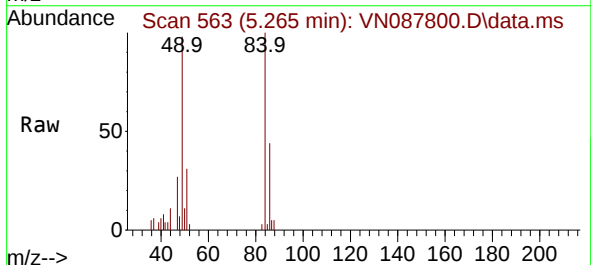
Tgt Ion: 43 Resp: 3676  
Ion Ratio Lower Upper  
43 100  
74 16.5 17.6 26.4

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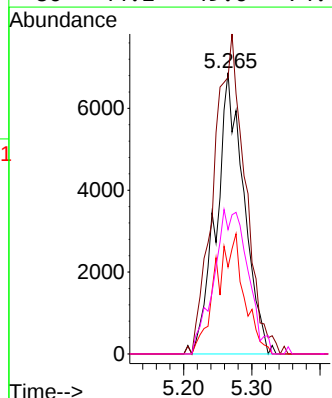
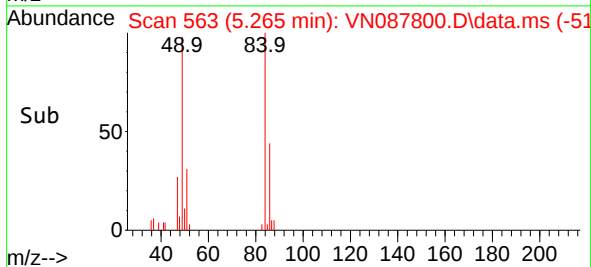
Reviewed By :Semsettin Yesilyurt 09/12/2025  
Supervised By :Mahesh Dadoda 09/12/2025

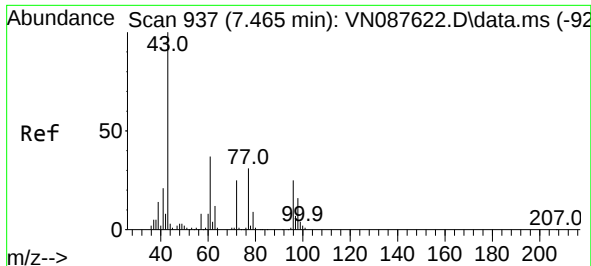


#20  
Methylene Chloride  
Concen: 5.885 ug/l  
RT: 5.265 min Scan# 563  
Delta R.T. 0.000 min  
Lab File: VN087800.D  
Acq: 11 Sep 2025 16:06



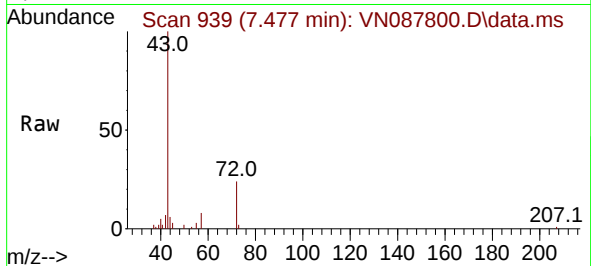
Tgt Ion: 84 Resp: 19481  
Ion Ratio Lower Upper  
84 100  
49 98.3 103.4 155.2#  
51 30.9 33.8 50.8#  
86 44.2 49.6 74.4#





#25  
2-Butanone  
Concen: 17.214 ug/l  
RT: 7.477 min Scan# 91  
Delta R.T. 0.012 min  
Lab File: VN087800.D  
Acq: 11 Sep 2025 16:06

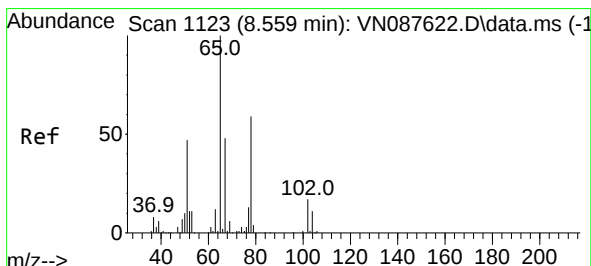
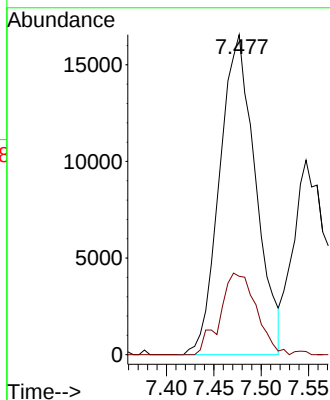
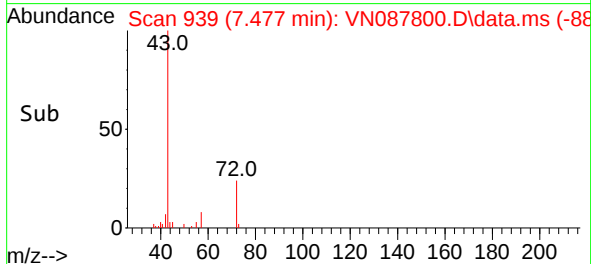
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB169644TB



Tgt Ion: 43 Resp: 4369  
Ion Ratio Lower Upper  
43 100  
72 24.5 19.9 29.9

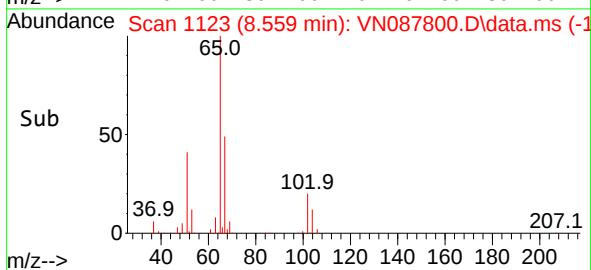
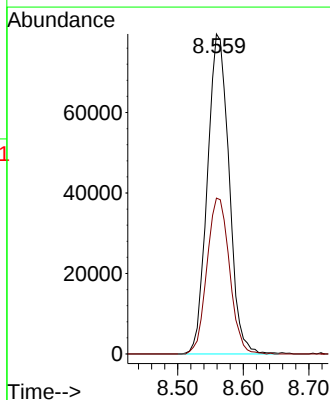
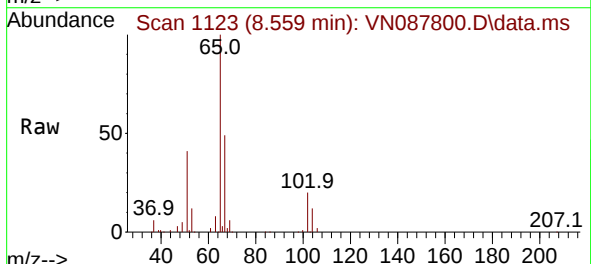
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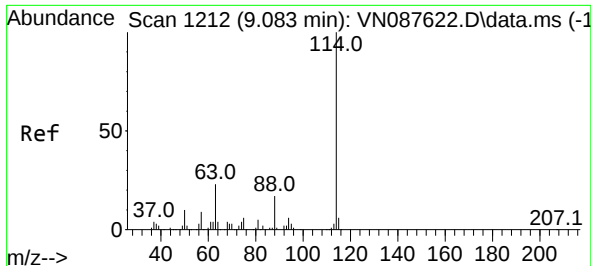
Reviewed By :Semsettin Yesilyurt 09/12/2025  
Supervised By :Mahesh Dadoda 09/12/2025



#33  
1,2-Dichloroethane-d4  
Concen: 51.491 ug/l  
RT: 8.559 min Scan# 1123  
Delta R.T. -0.000 min  
Lab File: VN087800.D  
Acq: 11 Sep 2025 16:06

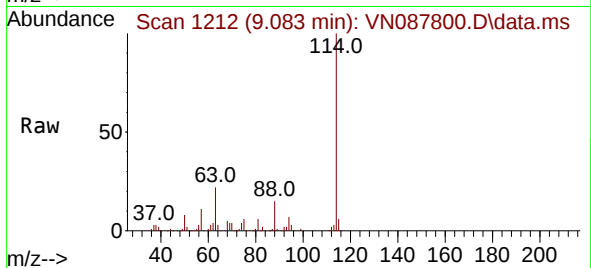
Tgt Ion: 65 Resp: 182499  
Ion Ratio Lower Upper  
65 100  
67 50.6 0.0 100.0





#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.083 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN087800.D  
Acq: 11 Sep 2025 16:06

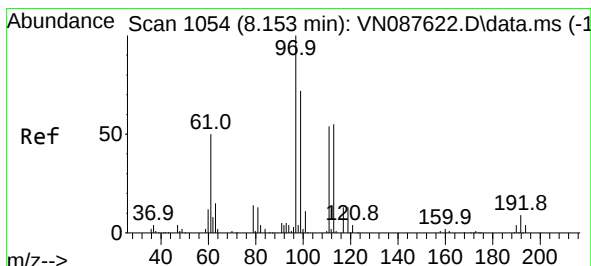
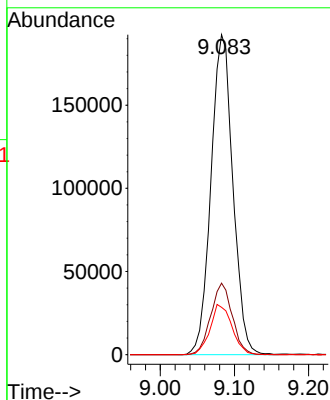
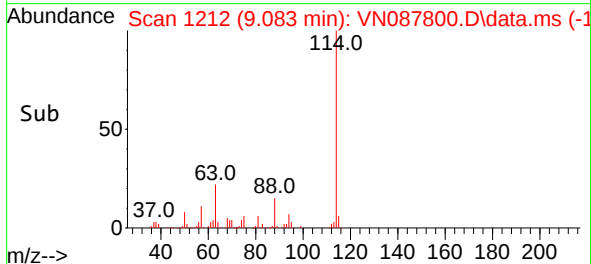
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB169644TB



Tgt Ion:114 Resp: 394904  
Ion Ratio Lower Upper  
114 100  
63 22.3 0.0 45.2  
88 14.8 0.0 33.4

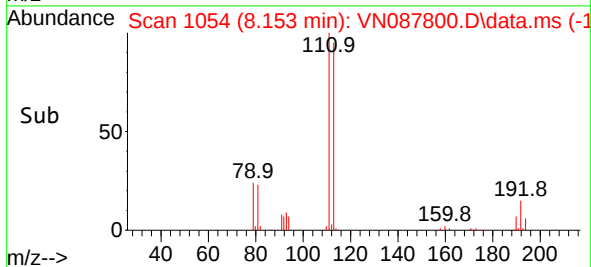
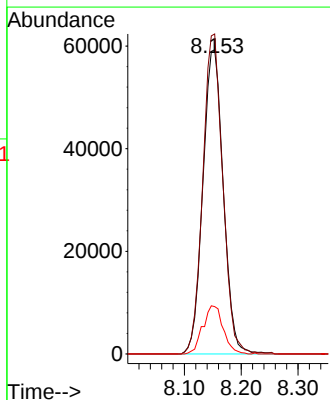
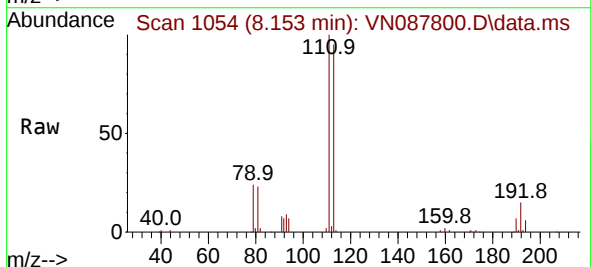
Manual Integrations  
APPROVED

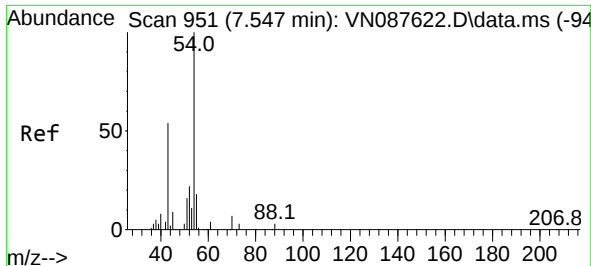
Reviewed By :Semsettin Yesilyurt 09/12/2025  
Supervised By :Mahesh Dadoda 09/12/2025



#35  
Dibromofluoromethane  
Concen: 52.015 ug/l  
RT: 8.153 min Scan# 1054  
Delta R.T. -0.000 min  
Lab File: VN087800.D  
Acq: 11 Sep 2025 16:06

Tgt Ion:113 Resp: 148306  
Ion Ratio Lower Upper  
113 100  
111 102.4 82.8 124.2  
192 15.8 12.8 19.2





#37

Ethyl Acetate

Concen: 4.294 ug/l m

RT: 7.547 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN087800.D

Acq: 11 Sep 2025 16:06

Instrument :

MSVOA\_N

ClientSampleId :

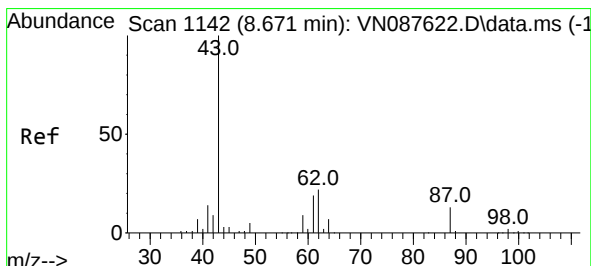
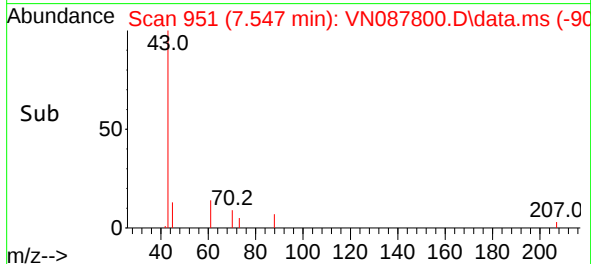
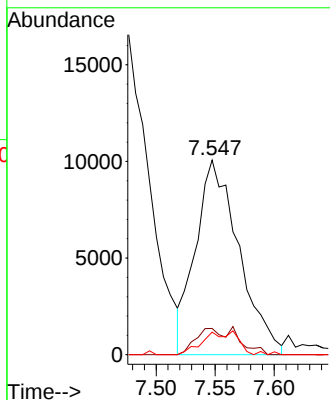
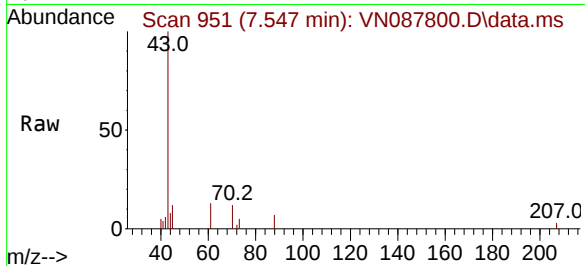
PB169644TB

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 25664 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 13.1  | 9.3   | 13.9  |
| 70       | 9.5   | 7.0   | 10.6  |

Manual Integrations

APPROVED

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



#43

Isopropyl Acetate

Concen: 1.757 ug/l

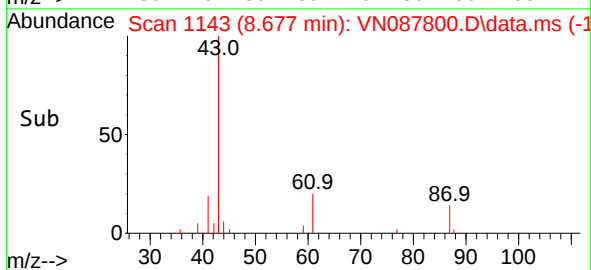
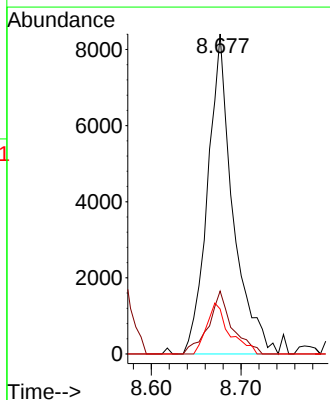
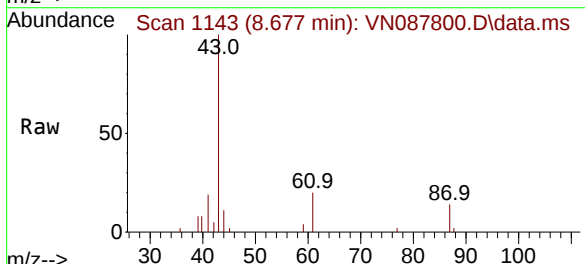
RT: 8.677 min Scan# 1143

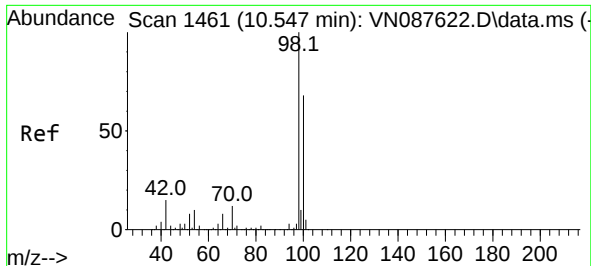
Delta R.T. 0.006 min

Lab File: VN087800.D

Acq: 11 Sep 2025 16:06

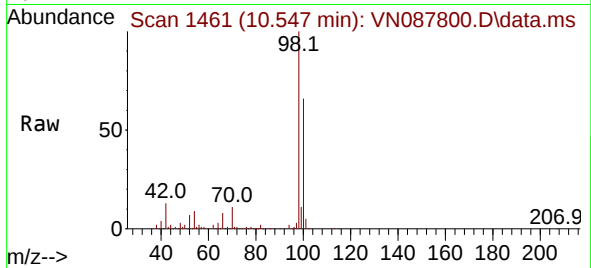
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|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 16394 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 18.5  | 18.8  | 28.2# |
| 87       | 14.3  | 9.6   | 14.4  |





#50  
Toluene-d8  
Concen: 49.851 ug/l  
RT: 10.547 min Scan# 1461  
Delta R.T. -0.000 min  
Lab File: VN087800.D  
Acq: 11 Sep 2025 16:06

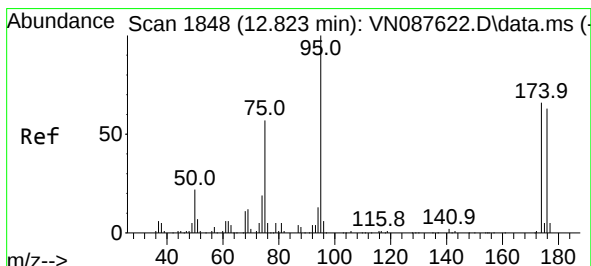
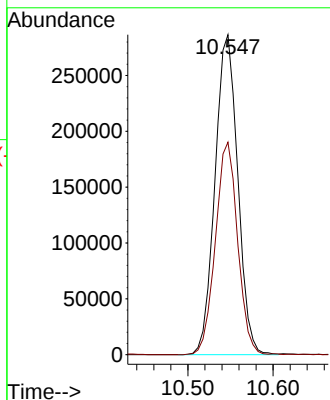
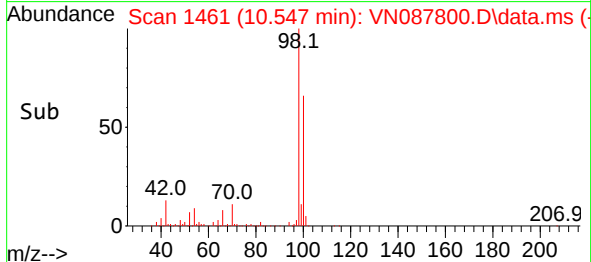
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB169644TB



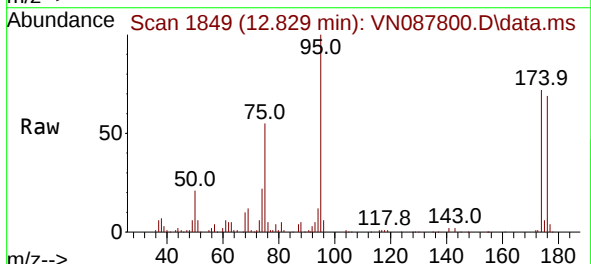
Tgt Ion: 98 Resp: 53198  
Ion Ratio Lower Upper  
98 100  
100 64.9 52.8 79.2

Manual Integrations  
APPROVED

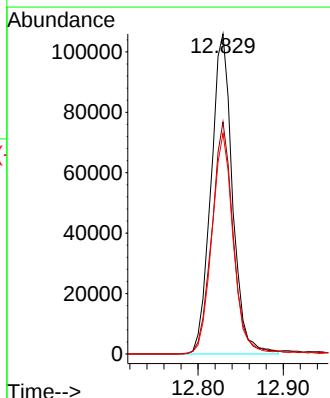
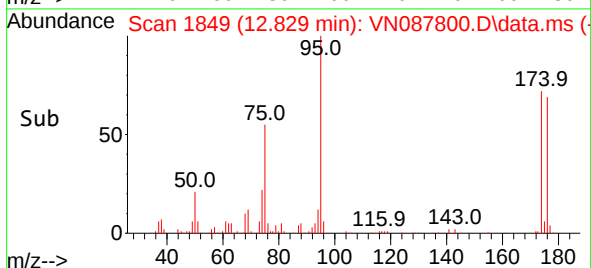
Reviewed By :Semsettin Yesilyurt 09/12/2025  
Supervised By :Mahesh Dadoda 09/12/2025

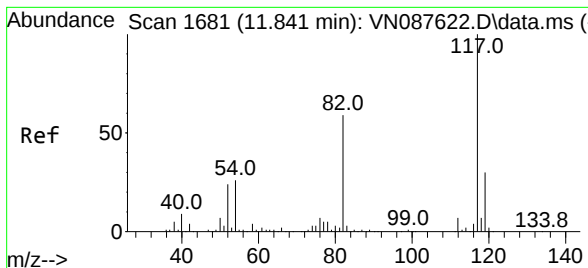


#62  
4-Bromofluorobenzene  
Concen: 48.828 ug/l  
RT: 12.829 min Scan# 1849  
Delta R.T. 0.006 min  
Lab File: VN087800.D  
Acq: 11 Sep 2025 16:06



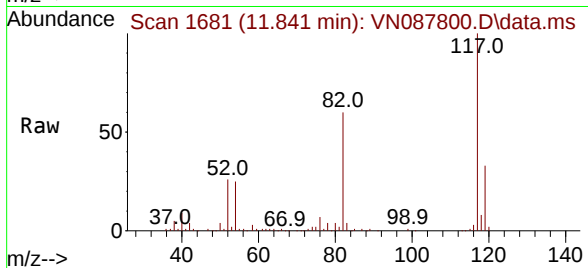
Tgt Ion: 95 Resp: 185310  
Ion Ratio Lower Upper  
95 100  
174 72.9 0.0 138.4  
176 68.5 0.0 132.6





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.841 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN087800.D  
Acq: 11 Sep 2025 16:06

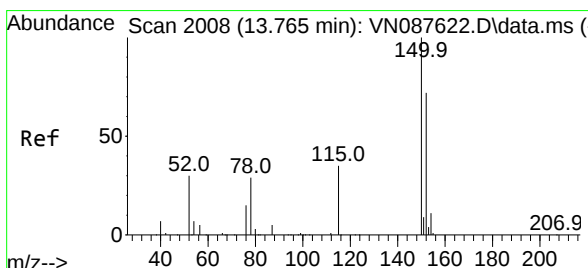
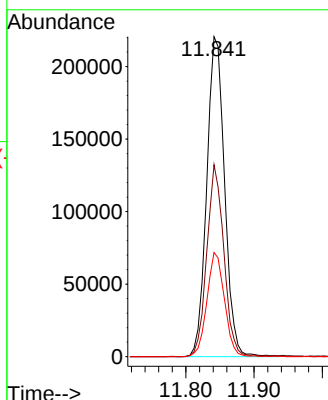
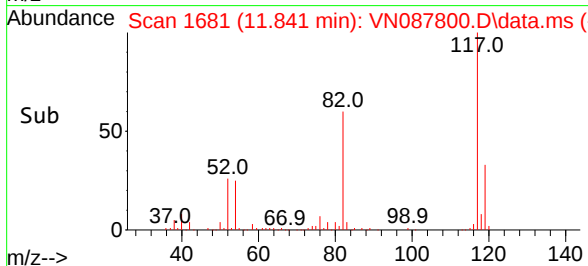
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB169644TB



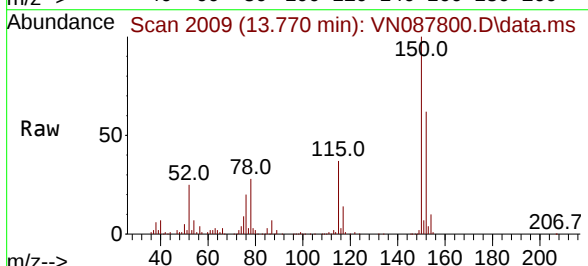
Tgt Ion:117 Resp: 402870  
Ion Ratio Lower Upper  
117 100  
82 60.0 47.4 71.2  
119 32.6 24.3 36.5

Manual Integrations  
APPROVED

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



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.770 min Scan# 2009  
Delta R.T. 0.006 min  
Lab File: VN087800.D  
Acq: 11 Sep 2025 16:06



Tgt Ion:152 Resp: 179551  
Ion Ratio Lower Upper  
152 100  
115 61.4 32.3 96.8  
150 160.4 0.0 351.0

