

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060625\  
 Data File : VX046541.D  
 Acq On : 06 Jun 2025 20:20  
 Operator : JC/MD  
 Sample : Q2208-27  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BU-703-COMP-08

Quant Time: Jun 06 23:27:13 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X060625W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 06 16:56:12 2025  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 06/09/2025  
 Supervised By : Mahesh Dadoda 06/09/2025

| Compound                    | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|----------|--------|----------|
| -----                       |                |      |            |          |        |          |
| Internal Standards          |                |      |            |          |        |          |
| 1) Pentafluorobenzene       | 5.568          | 168  | 116848     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.775          | 114  | 228407     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 234414     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018         | 152  | 118469     | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.970          | 65   | 102066     | 49.097   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = | 98.200%  |        |          |
| 35) Dibromofluoromethane    | 5.410          | 113  | 76590      | 45.598   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 91.200%  |        |          |
| 50) Toluene-d8              | 8.653          | 98   | 289700     | 52.314   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = | 104.620% |        |          |
| 62) 4-Bromofluorobenzene    | 11.079         | 95   | 128426     | 56.051   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 77 - 121 |      | Recovery = | 112.100% |        |          |
| Target Compounds            |                |      |            |          |        |          |
|                             |                |      |            |          |        | Qvalue   |
| 8) Diethyl Ether            | 2.148          | 74   | 34052      | 39.574   | ug/l   | 95       |
| 16) Acetone                 | 2.398          | 43   | 12112      | 19.159   | ug/l   | 96       |
| 18) Methyl Acetate          | 2.721          | 43   | 12614      | 5.094    | ug/l   | 99       |
| 20) Methylene Chloride      | 2.806          | 84   | 2582       | 1.548    | ug/l # | 88       |
| 37) Ethyl Acetate           | 4.745          | 43   | 7695m      | 3.286    | ug/l   |          |
| 43) Isopropyl Acetate       | 6.367          | 43   | 5097       | 1.249    | ug/l # | 97       |
| -----                       |                |      |            |          |        |          |

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

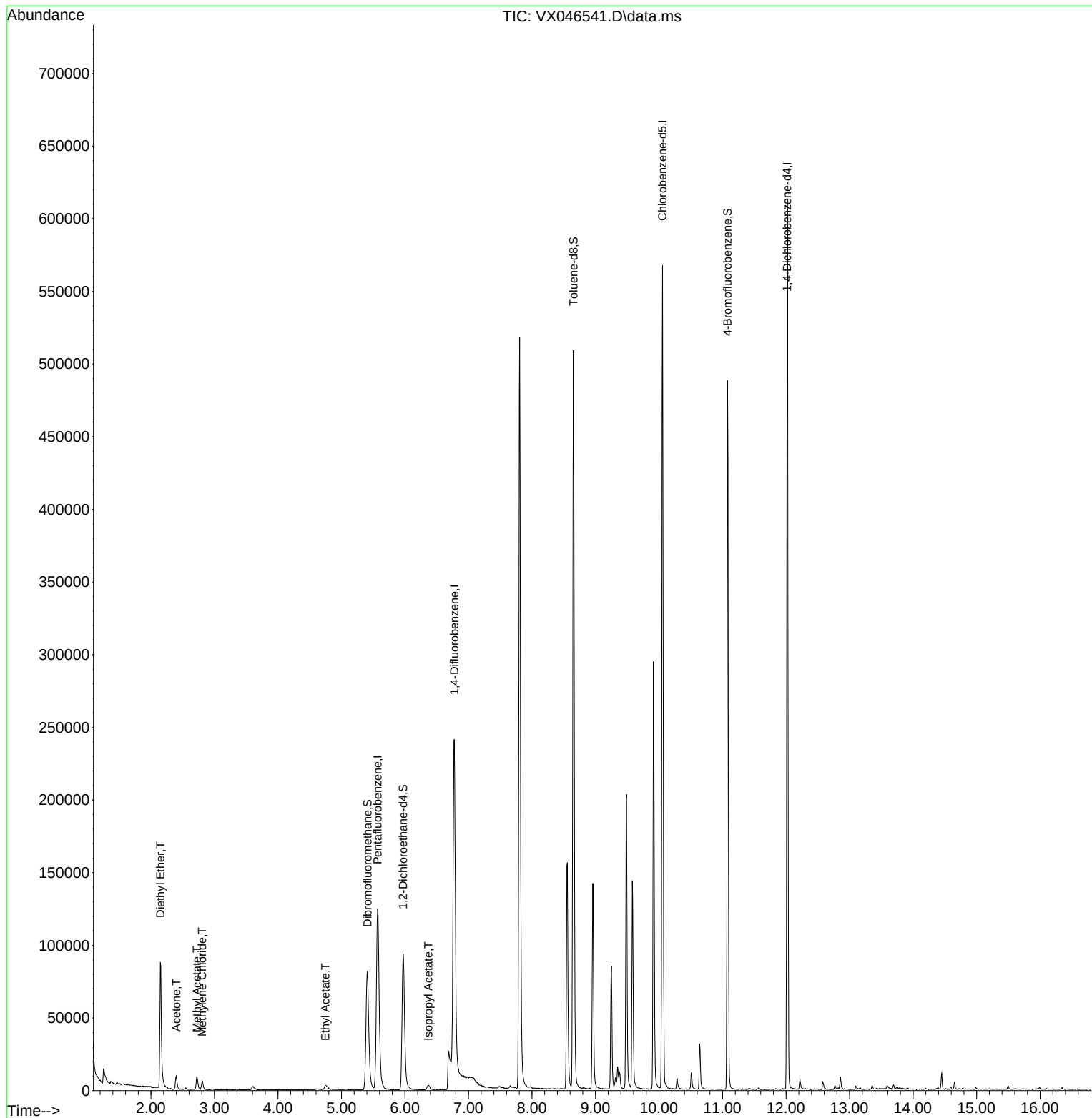
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060625\  
Data File : VX046541.D  
Acq On : 06 Jun 2025 20:20  
Operator : JC/MD  
Sample : Q2208-27  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 26 Sample Multiplier: 1

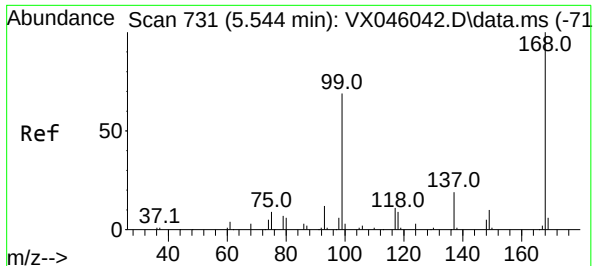
Instrument :  
MSVOA\_X  
ClientSampleId :  
BU-703-COMP-08

Quant Time: Jun 06 23:27:13 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X060625W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jun 06 16:56:12 2025  
Response via : Initial Calibration

Manual Integrations  
APPROVED

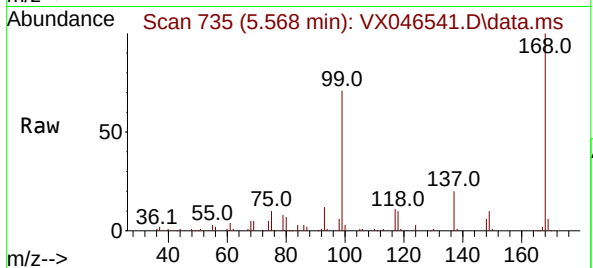
Reviewed By :John Carlone 06/09/2025  
Supervised By :Mahesh Dadoda 06/09/2025





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.568 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VX046541.D  
Acq: 06 Jun 2025 20:20

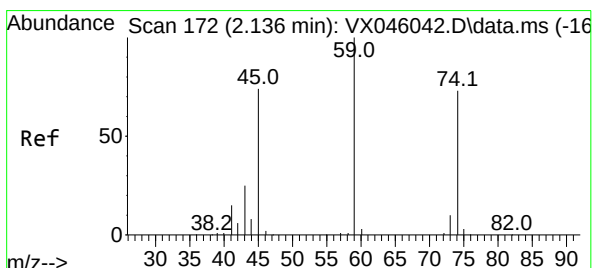
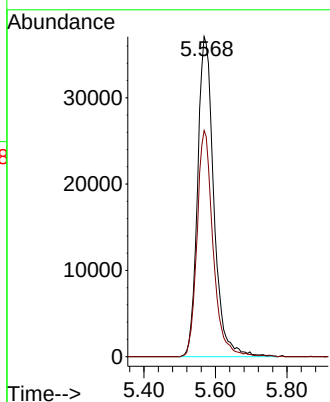
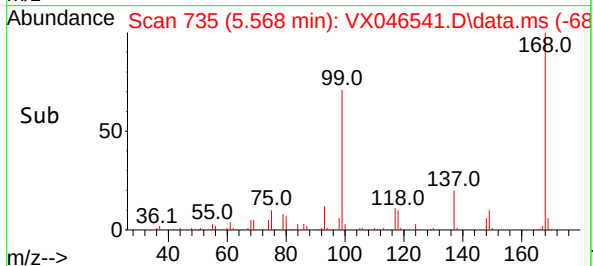
Instrument :  
MSVOA\_X  
ClientSampleId :  
BU-703-COMP-08



Tgt Ion:168 Resp: 11684  
Ion Ratio Lower Upper  
168 100  
99 70.7 54.9 82.3

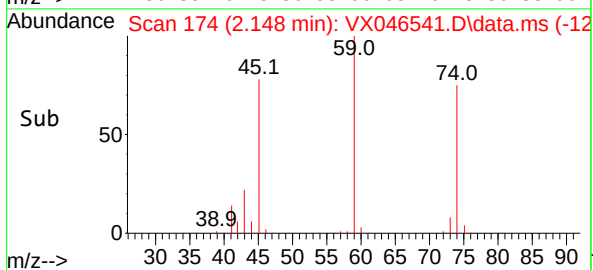
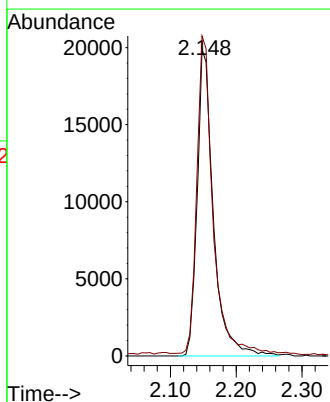
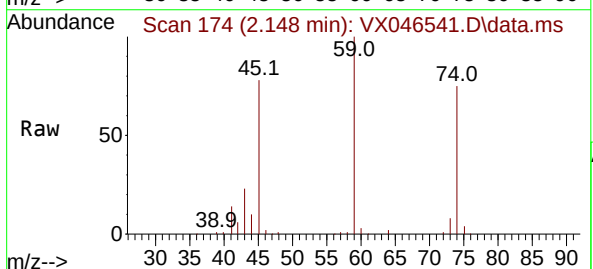
Manual Integrations  
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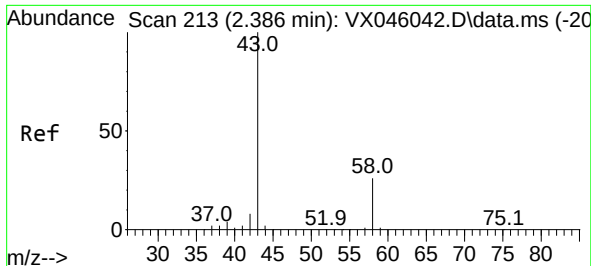
Reviewed By :John Carlone 06/09/2025  
Supervised By :Mahesh Dadoda 06/09/2025



#8  
Diethyl Ether  
Concen: 39.574 ug/l  
RT: 2.148 min Scan# 174  
Delta R.T. -0.006 min  
Lab File: VX046541.D  
Acq: 06 Jun 2025 20:20

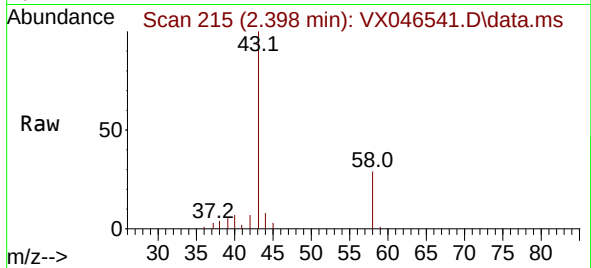
Tgt Ion: 74 Resp: 34052  
Ion Ratio Lower Upper  
74 100  
45 104.3 54.9 164.8





#16  
Acetone  
Concen: 19.159 ug/l  
RT: 2.398 min Scan# 215  
Delta R.T. 0.006 min  
Lab File: VX046541.D  
Acq: 06 Jun 2025 20:20

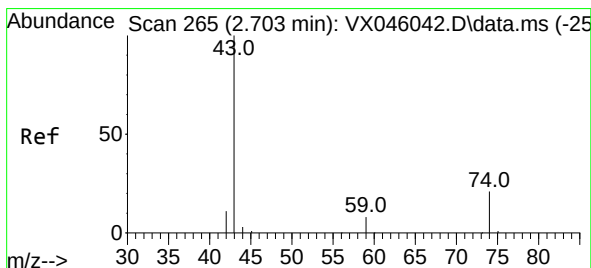
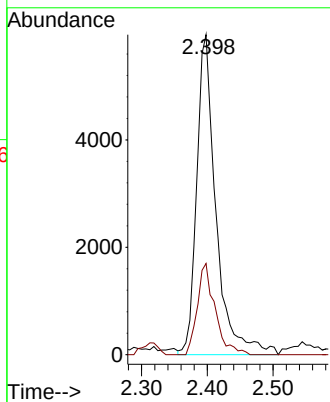
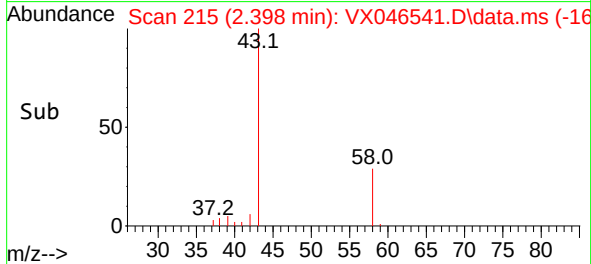
Instrument :  
MSVOA\_X  
ClientSampleId :  
BU-703-COMP-08



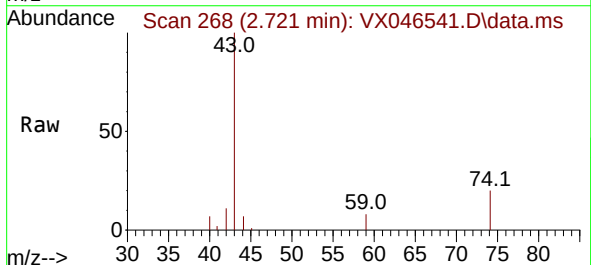
Tgt Ion: 43 Resp: 1211  
Ion Ratio Lower Upper  
43 100  
58 28.5 21.2 31.8

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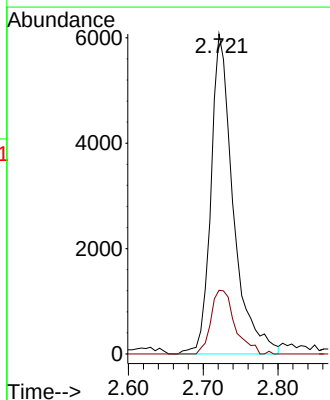
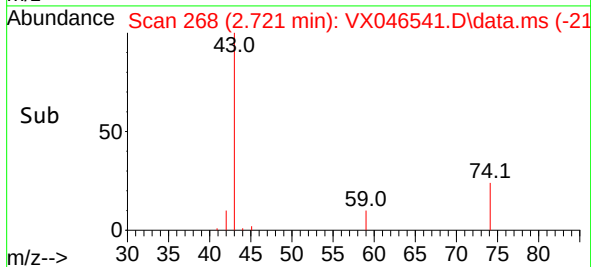
Reviewed By :John Carlone 06/09/2025  
Supervised By :Mahesh Dadoda 06/09/2025

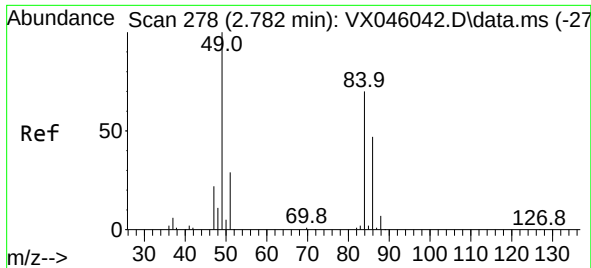


#18  
Methyl Acetate  
Concen: 5.094 ug/l  
RT: 2.721 min Scan# 268  
Delta R.T. -0.000 min  
Lab File: VX046541.D  
Acq: 06 Jun 2025 20:20



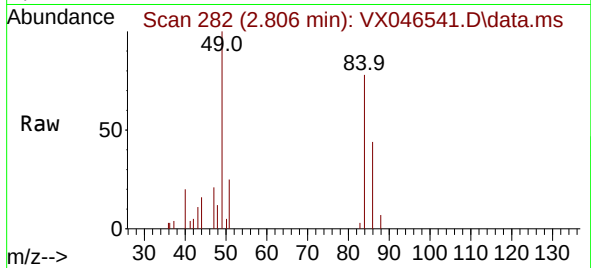
Tgt Ion: 43 Resp: 12614  
Ion Ratio Lower Upper  
43 100  
74 21.2 16.7 25.1





#20  
Methylene Chloride  
Concen: 1.548 ug/l  
RT: 2.806 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX046541.D  
Acq: 06 Jun 2025 20:20

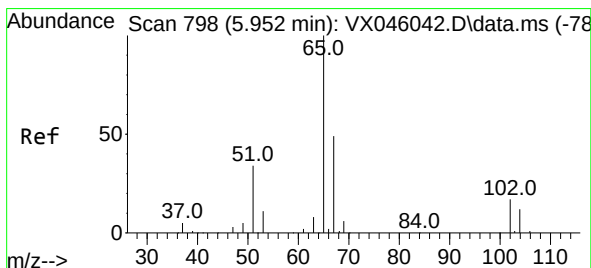
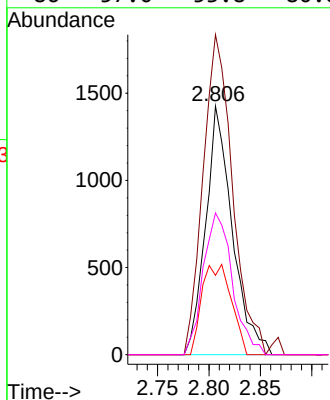
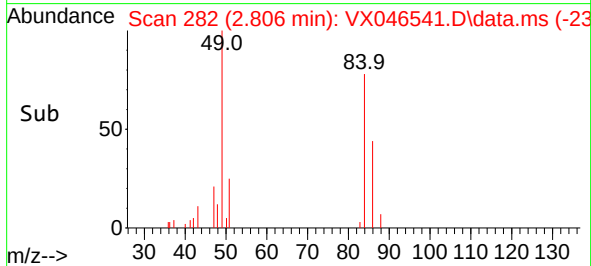
Instrument :  
MSVOA\_X  
ClientSampleId :  
BU-703-COMP-08



Tgt Ion: 84 Resp: 258  
Ion Ratio Lower Upper  
84 100  
49 128.7 113.9 170.9  
51 31.9 33.5 50.3  
86 57.0 53.8 80.8

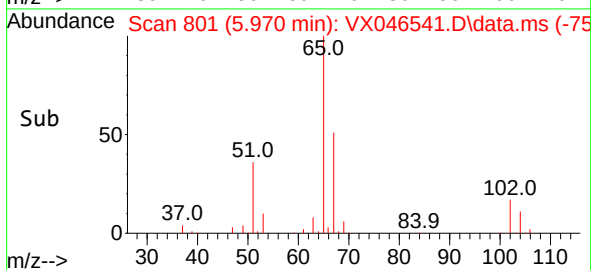
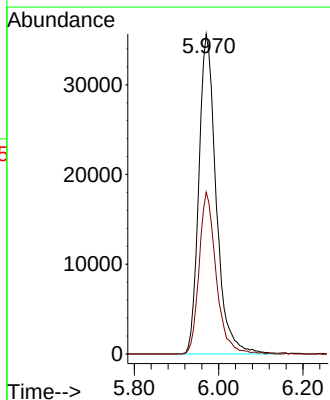
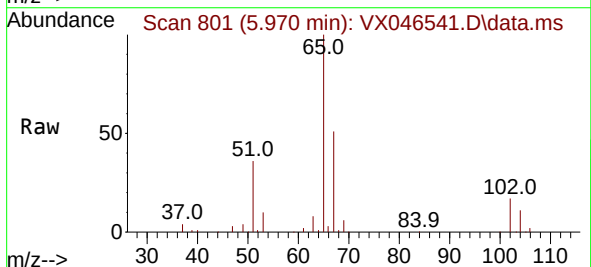
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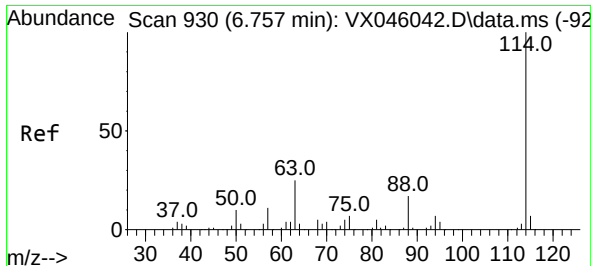
Reviewed By :John Carlone 06/09/2025  
Supervised By :Mahesh Dadoda 06/09/2025



#33  
1,2-Dichloroethane-d4  
Concen: 49.097 ug/l  
RT: 5.970 min Scan# 801  
Delta R.T. 0.000 min  
Lab File: VX046541.D  
Acq: 06 Jun 2025 20:20

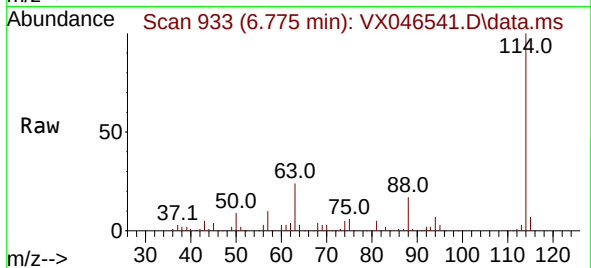
Tgt Ion: 65 Resp: 102066  
Ion Ratio Lower Upper  
65 100  
67 49.7 0.0 99.0





#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.775 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VX046541.D  
Acq: 06 Jun 2025 20:20

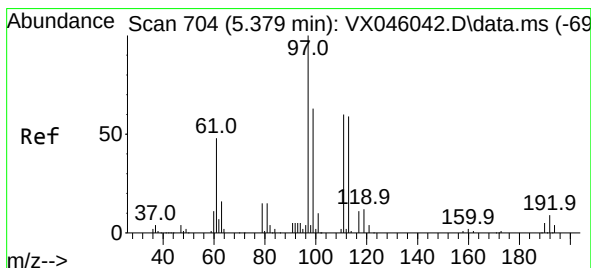
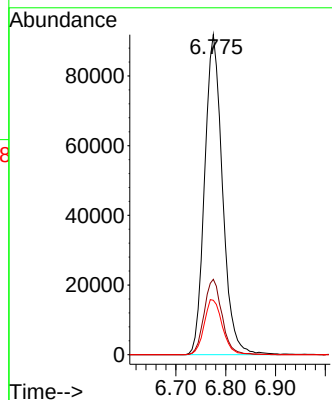
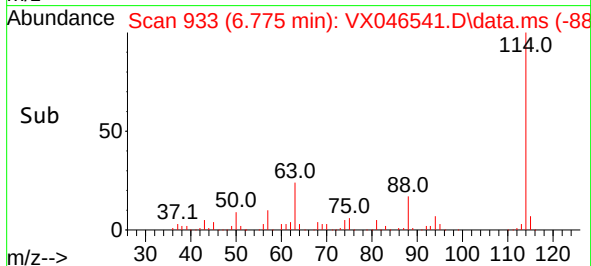
Instrument :  
MSVOA\_X  
ClientSampleId :  
BU-703-COMP-08



Tgt Ion:114 Resp: 22840  
Ion Ratio Lower Upper  
114 100  
63 23.6 0.0 49.2  
88 17.0 0.0 33.6

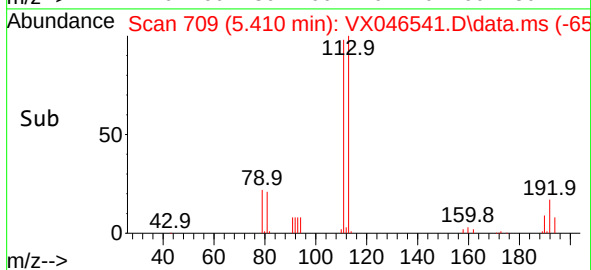
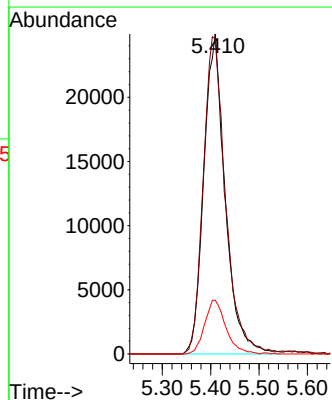
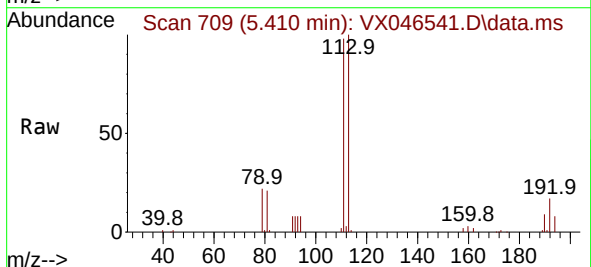
Manual Integrations  
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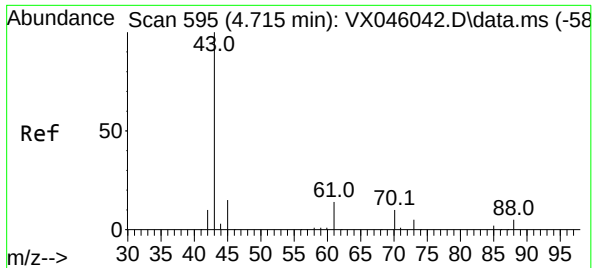
Reviewed By :John Carlone 06/09/2025  
Supervised By :Mahesh Dadoda 06/09/2025



#35  
Dibromofluoromethane  
Concen: 45.598 ug/l  
RT: 5.410 min Scan# 709  
Delta R.T. 0.007 min  
Lab File: VX046541.D  
Acq: 06 Jun 2025 20:20

Tgt Ion:113 Resp: 76590  
Ion Ratio Lower Upper  
113 100  
111 102.9 83.1 124.7  
192 16.6 13.3 19.9





#37

Ethyl Acetate

Concen: 3.286 ug/l m

RT: 4.745 min Scan# 60

Delta R.T. 0.012 min

Lab File: VX046541.D

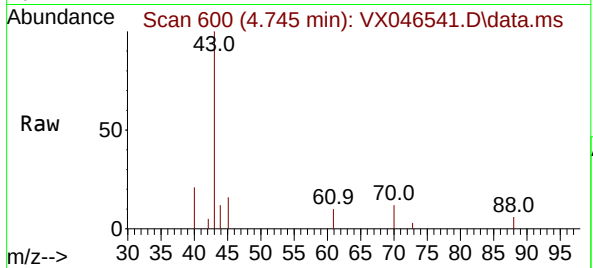
Acq: 06 Jun 2025 20:20

Instrument :

MSVOA\_X

ClientSampleId :

BU-703-COMP-08



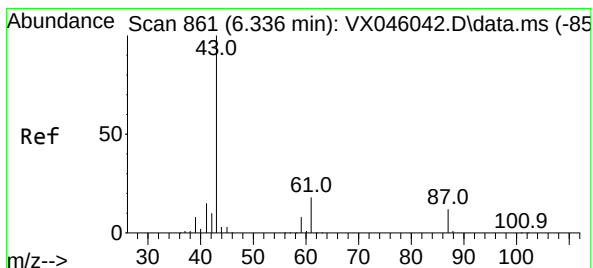
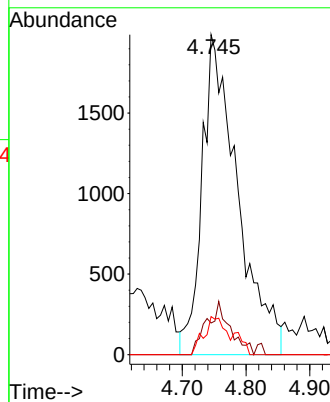
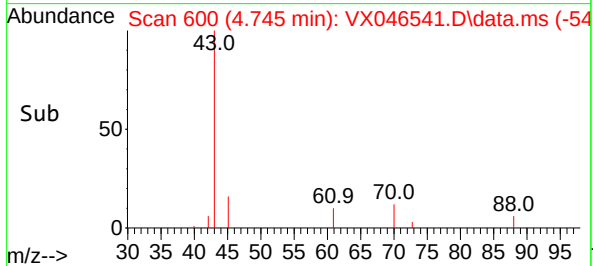
|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 769      |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 61          | 11.0 10.3 15.5 |
| 70          | 7.1 7.9 11.9   |

Manual Integrations

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Reviewed By :John Carlone 06/09/2025

Supervised By :Mahesh Dadoda 06/09/2025



#43

Isopropyl Acetate

Concen: 1.249 ug/l

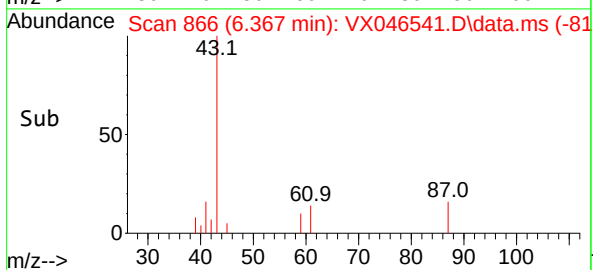
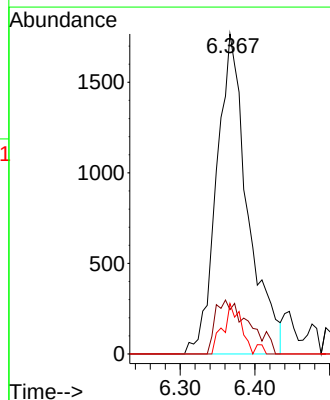
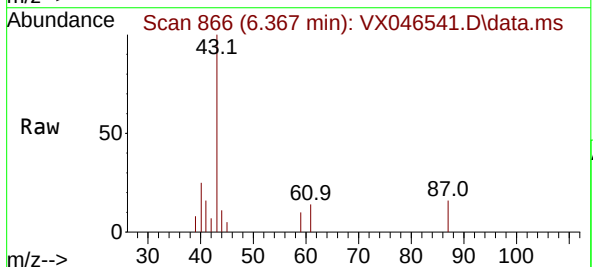
RT: 6.367 min Scan# 866

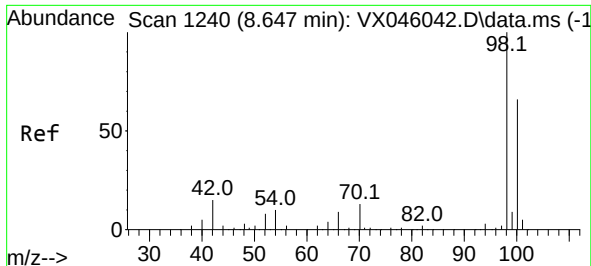
Delta R.T. 0.013 min

Lab File: VX046541.D

Acq: 06 Jun 2025 20:20

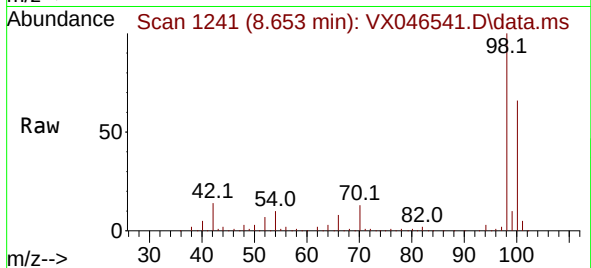
|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 5097     |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 61          | 18.3 14.3 21.5 |
| 87          | 9.1 9.5 14.3   |





#50  
Toluene-d8  
Concen: 52.314 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX046541.D  
Acq: 06 Jun 2025 20:20

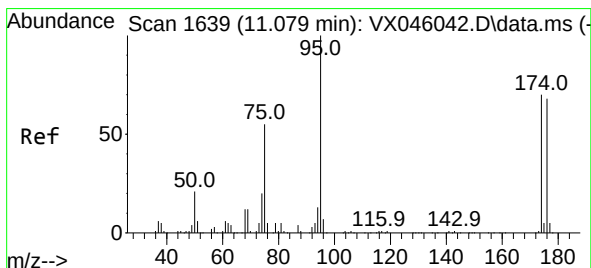
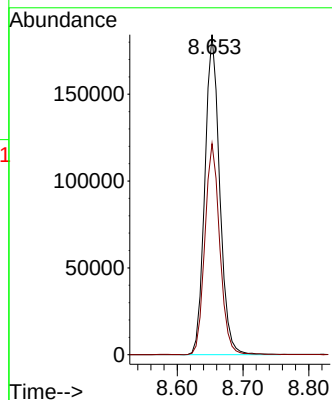
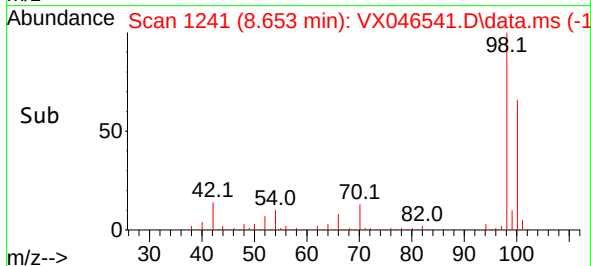
Instrument :  
MSVOA\_X  
ClientSampleId :  
BU-703-COMP-08



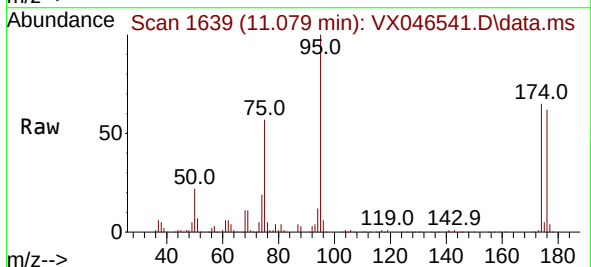
Tgt Ion: 98 Resp: 289700  
Ion Ratio Lower Upper  
98 100  
100 66.1 53.5 80.3

Manual Integrations  
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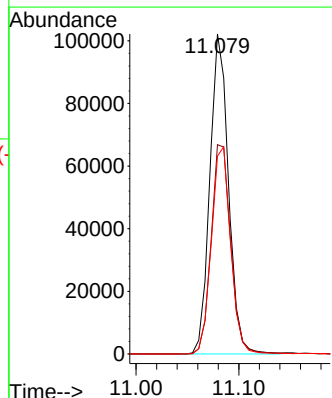
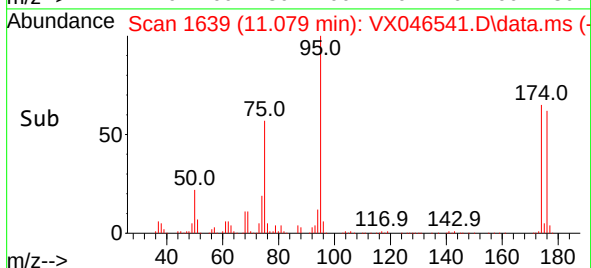
Reviewed By :John Carlone 06/09/2025  
Supervised By :Mahesh Dadoda 06/09/2025



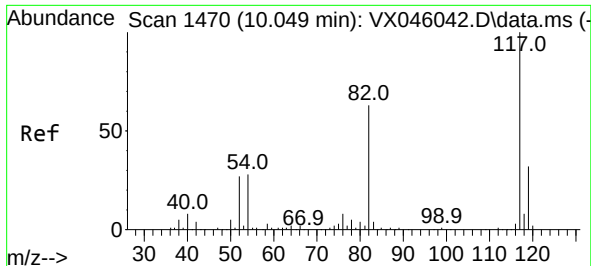
#62  
4-Bromofluorobenzene  
Concen: 56.051 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX046541.D  
Acq: 06 Jun 2025 20:20



Tgt Ion: 95 Resp: 128426  
Ion Ratio Lower Upper  
95 100  
174 69.2 0.0 135.8  
176 67.1 0.0 131.4

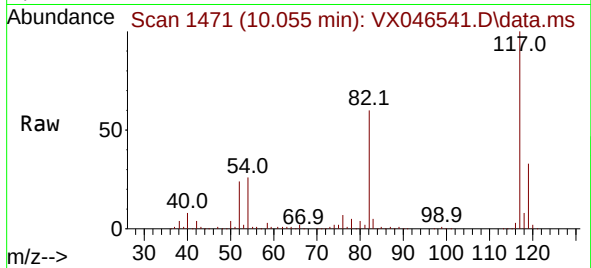






#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: VX046541.D  
Acq: 06 Jun 2025 20:20

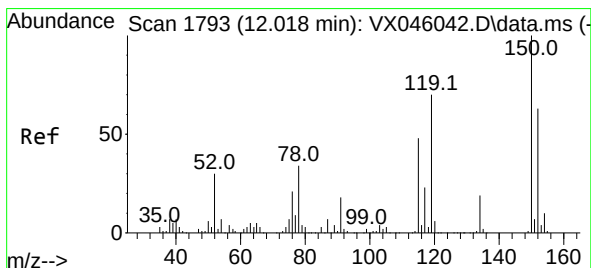
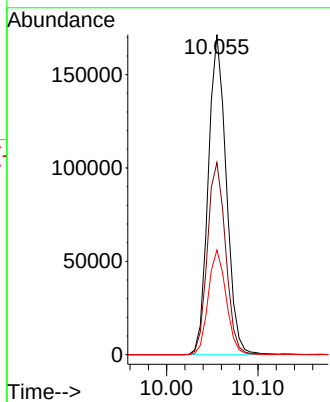
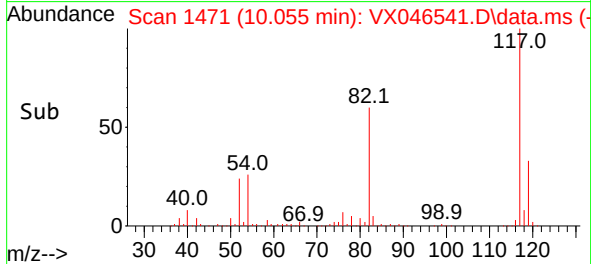
Instrument :  
MSVOA\_X  
ClientSampleId :  
BU-703-COMP-08



Tgt Ion:117 Resp: 234414  
Ion Ratio Lower Upper  
117 100  
82 60.1 50.6 76.0  
119 32.7 25.8 38.6

Manual Integrations  
APPROVED

Reviewed By :John Carlone 06/09/2025  
Supervised By :Mahesh Dadoda 06/09/2025



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. -0.006 min  
Lab File: VX046541.D  
Acq: 06 Jun 2025 20:20

Tgt Ion:152 Resp: 118469  
Ion Ratio Lower Upper  
152 100  
115 64.9 46.9 140.7  
150 156.0 0.0 351.0

