

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030625\  
 Data File : VX045169.D  
 Acq On : 06 Mar 2025 15:29  
 Operator : JC/MD  
 Sample : Q1481-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WC-K1311

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 03/10/2025  
 Supervised By : Mahesh Dadoda 03/10/2025

Quant Time: Mar 07 00:45:04 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022825W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 28 06:45:16 2025  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|-----------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                       |                |      |                     |        |        |          |
| Internal Standards          |                |      |                     |        |        |          |
| 1) Pentafluorobenzene       | 5.544          | 168  | 72948               | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757          | 114  | 147727              | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.049         | 117  | 136246              | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018         | 152  | 56769               | 50.000 | ug/l   | 0.00     |
|                             |                |      |                     |        |        |          |
| System Monitoring Compounds |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952          | 65   | 63244               | 54.504 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = 109.000% |        |        |          |
| 35) Dibromofluoromethane    | 5.379          | 113  | 51625               | 52.262 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 104.520% |        |        |          |
| 50) Toluene-d8              | 8.647          | 98   | 184918              | 51.636 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = 103.280% |        |        |          |
| 62) 4-Bromofluorobenzene    | 11.079         | 95   | 62816               | 52.934 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 77 - 121 |      | Recovery = 105.860% |        |        |          |
|                             |                |      |                     |        |        |          |
| Target Compounds            |                |      |                     |        | Qvalue |          |
| 16) Acetone                 | 2.380          | 43   | 39933               | 74.175 | ug/l   | 97       |
| 18) Methyl Acetate          | 2.703          | 43   | 1698                | 1.311  | ug/l   | 92       |
| 20) Methylene Chloride      | 2.788          | 84   | 2512                | 2.356  | ug/l   | 96       |
| 25) 2-Butanone              | 4.580          | 43   | 4207m               | 5.191  | ug/l   |          |
| 43) Isopropyl Acetate       | 6.336          | 43   | 47894               | 18.555 | ug/l   | 98       |
| -----                       |                |      |                     |        |        |          |

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

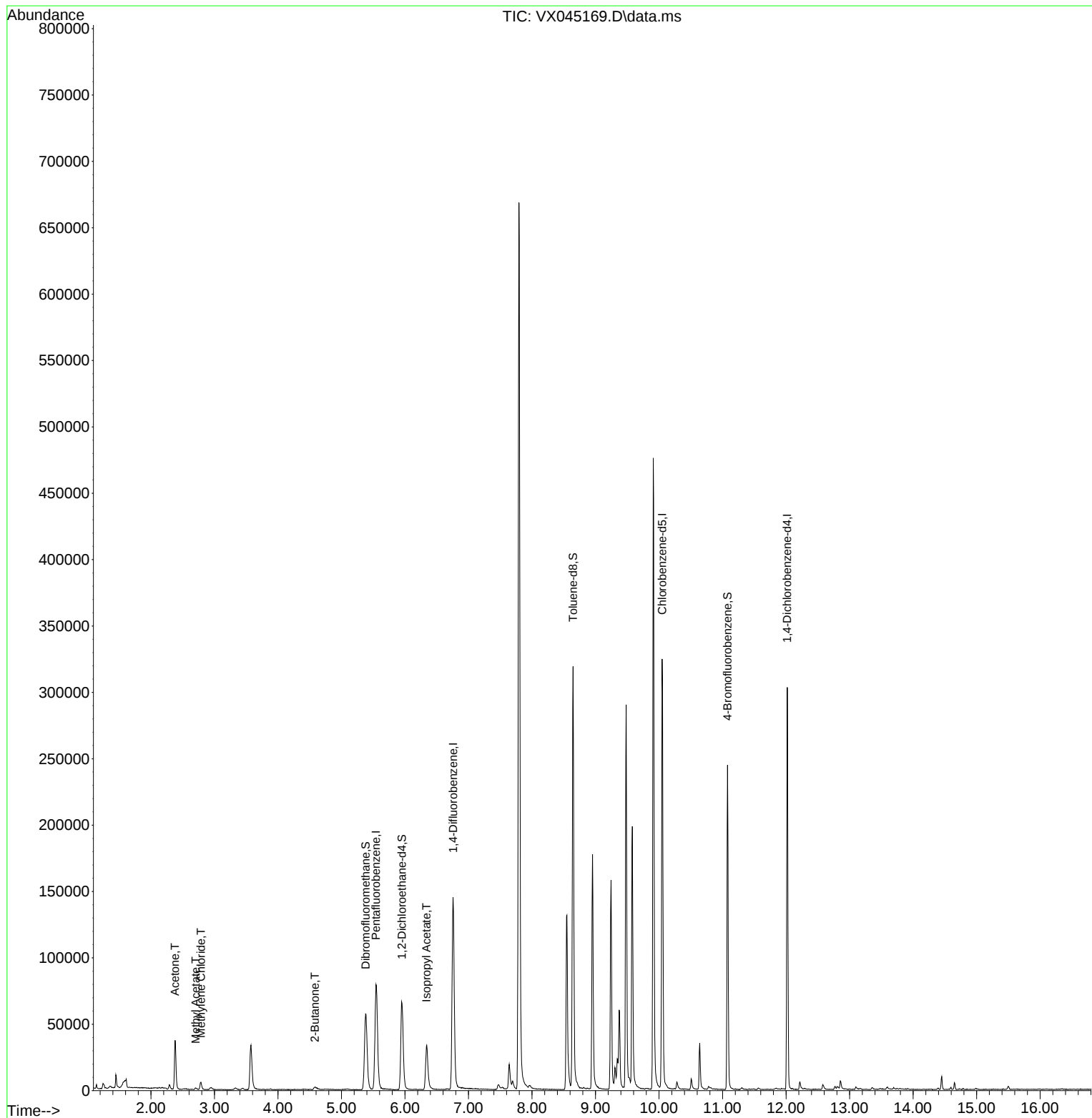
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030625\  
Data File : VX045169.D  
Acq On : 06 Mar 2025 15:29  
Operator : JC/MD  
Sample : Q1481-02  
Misc : 5.0mL/MSVOA\_X/WATER  
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Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-K1311

Quant Time: Mar 07 00:45:04 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022825W.M  
Quant Title : SW846 8260  
QLast Update : Fri Feb 28 06:45:16 2025  
Response via : Initial Calibration

Manual Integrations  
APPROVED

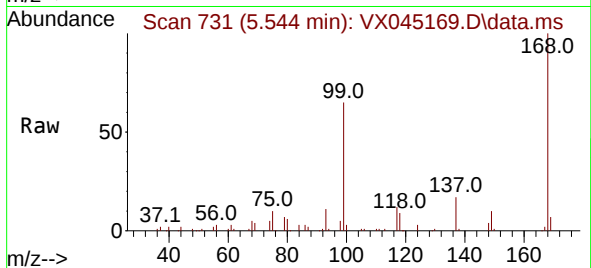
Reviewed By : John Carlone 03/10/2025  
Supervised By : Mahesh Dadoda 03/10/2025





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX045169.D  
Acq: 06 Mar 2025 15:29

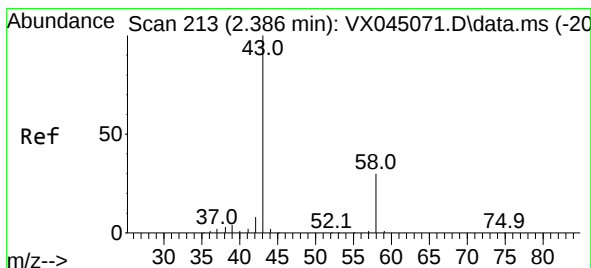
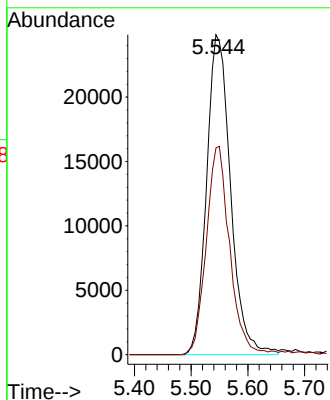
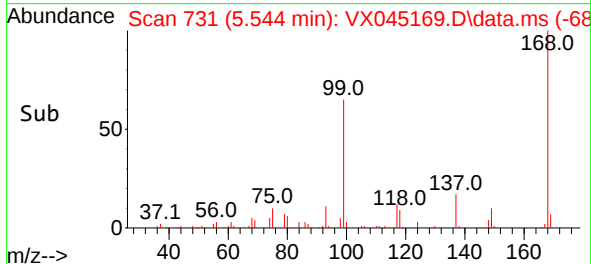
Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-K1311



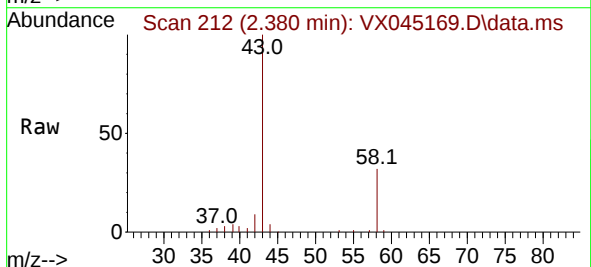
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Ion Ratio Lower Upper  
168 100  
99 64.6 48.2 72.4

Manual Integrations  
APPROVED

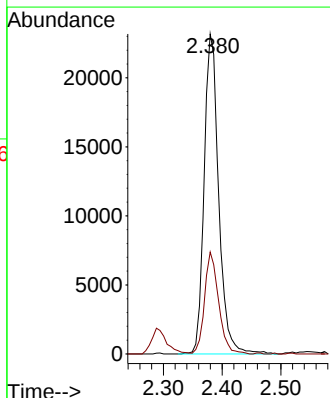
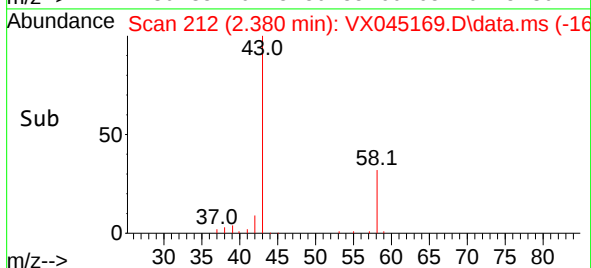
Reviewed By :John Carlone 03/10/2025  
Supervised By :Mahesh Dadoda 03/10/2025

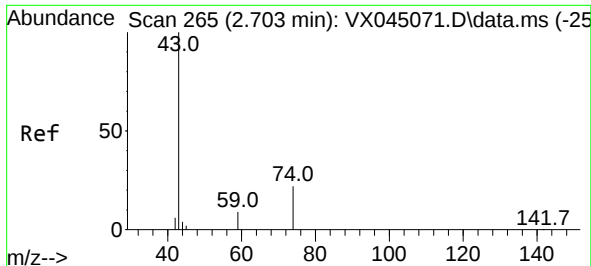


#16  
Acetone  
Concen: 74.175 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.006 min  
Lab File: VX045169.D  
Acq: 06 Mar 2025 15:29



Tgt Ion: 43 Resp: 39933  
Ion Ratio Lower Upper  
43 100  
58 31.9 24.2 36.4





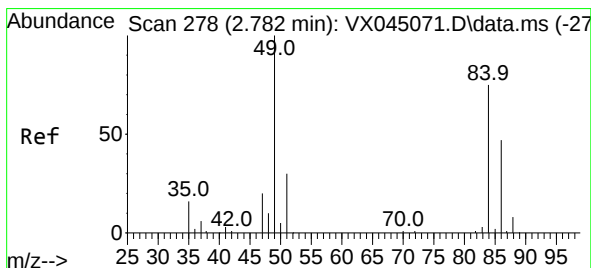
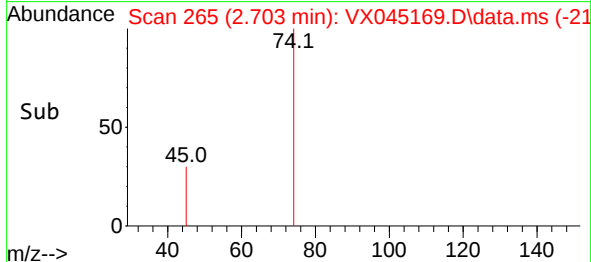
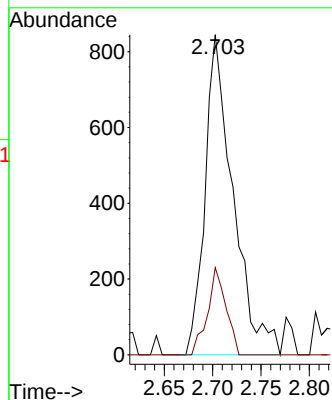
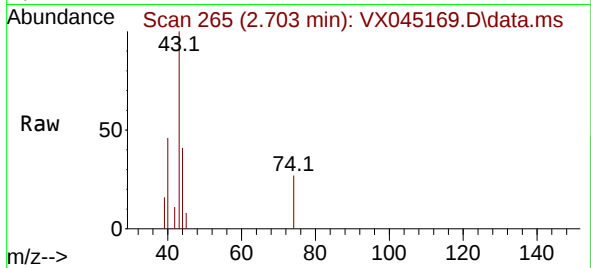
#18  
Methyl Acetate  
Concen: 1.311 ug/l  
RT: 2.703 min Scan# 20  
Delta R.T. -0.000 min  
Lab File: VX045169.D  
Acq: 06 Mar 2025 15:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-K1311

Tgt Ion: 43 Resp: 1698  
Ion Ratio Lower Upper  
43 100  
74 17.9 17.4 26.2

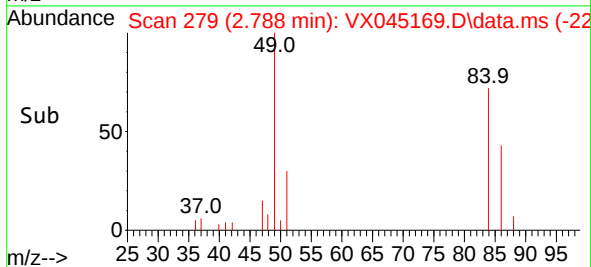
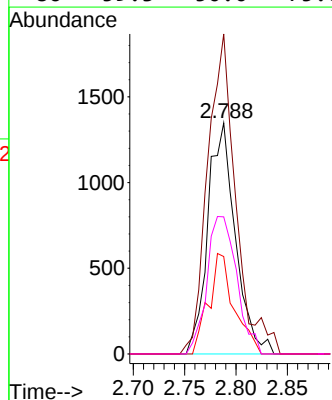
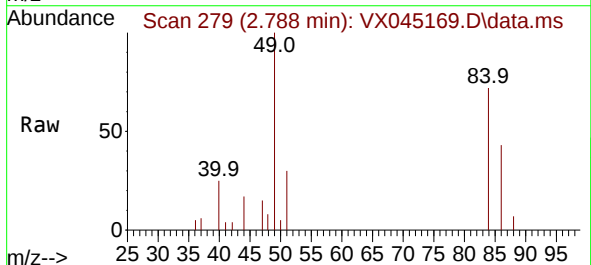
Manual Integrations  
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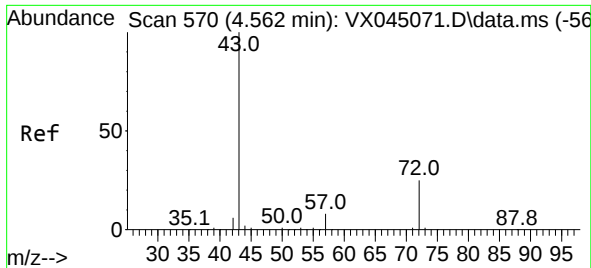
Reviewed By :John Carlone 03/10/2025  
Supervised By :Mahesh Dadoda 03/10/2025



#20  
Methylene Chloride  
Concen: 2.356 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.006 min  
Lab File: VX045169.D  
Acq: 06 Mar 2025 15:29

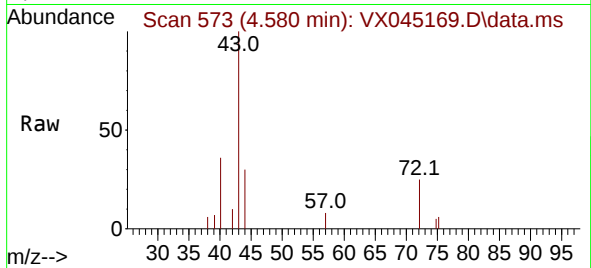
Tgt Ion: 84 Resp: 2512  
Ion Ratio Lower Upper  
84 100  
49 138.5 106.5 159.7  
51 42.2 32.1 48.1  
86 59.3 50.0 75.0





#25  
2-Butanone  
Concen: 5.191 ug/l m  
RT: 4.580 min Scan# 51  
Delta R.T. 0.018 min  
Lab File: VX045169.D  
Acq: 06 Mar 2025 15:29

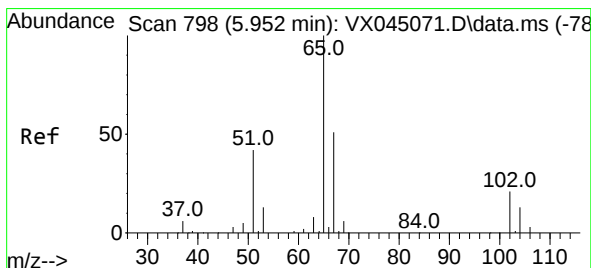
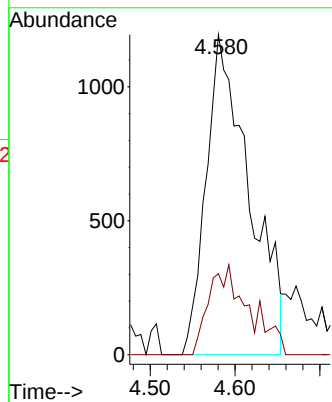
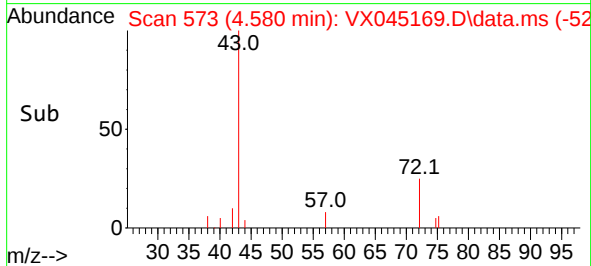
Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-K1311



Tgt Ion: 43 Resp: 420  
Ion Ratio Lower Upper  
43 100  
72 25.3 20.0 30.0

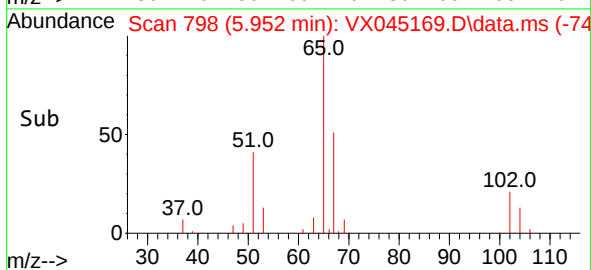
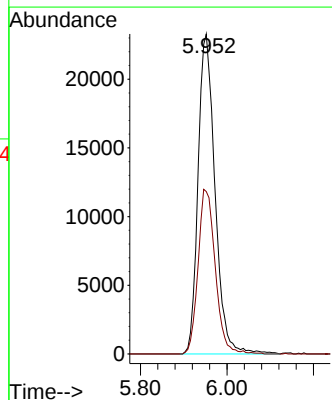
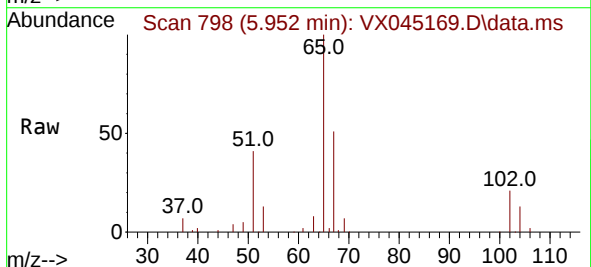
Manual Integrations  
APPROVED

Reviewed By :John Carlone 03/10/2025  
Supervised By :Mahesh Dadoda 03/10/2025



#33  
1,2-Dichloroethane-d4  
Concen: 54.504 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.000 min  
Lab File: VX045169.D  
Acq: 06 Mar 2025 15:29

Tgt Ion: 65 Resp: 63244  
Ion Ratio Lower Upper  
65 100  
67 52.3 0.0 106.2





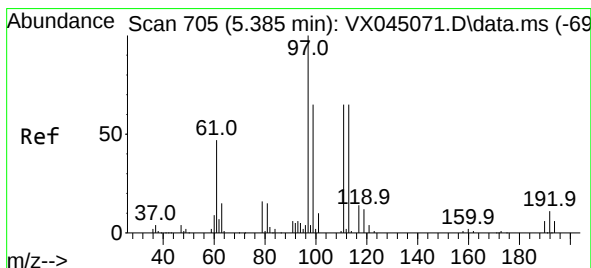
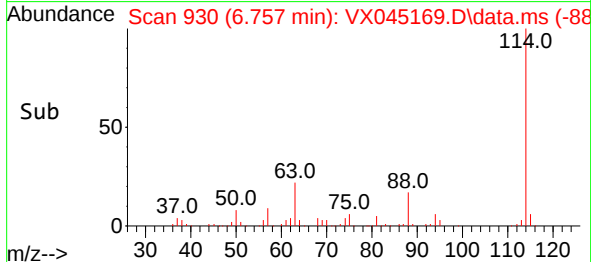
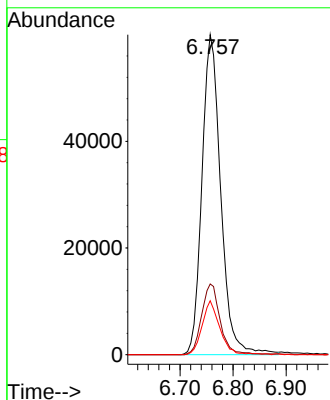
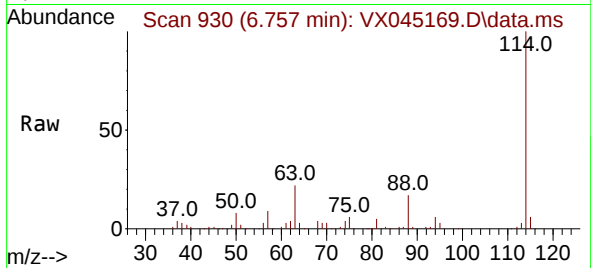
#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: VX045169.D  
Acq: 06 Mar 2025 15:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-K1311

Tgt Ion:114 Resp: 14772  
Ion Ratio Lower Upper  
114 100  
63 22.1 0.0 41.8  
88 16.9 0.0 32.8

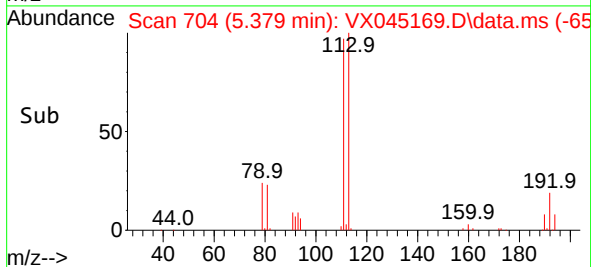
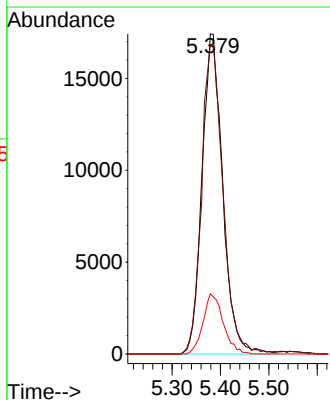
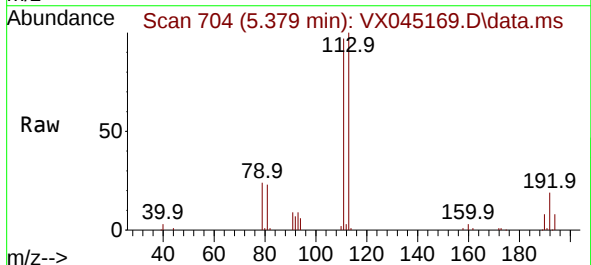
Manual Integrations  
APPROVED

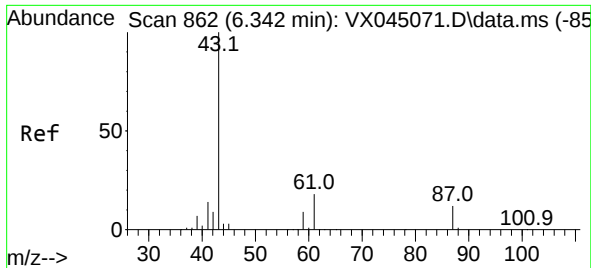
Reviewed By :John Carlone 03/10/2025  
Supervised By :Mahesh Dadoda 03/10/2025



#35  
Dibromofluoromethane  
Concen: 52.262 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX045169.D  
Acq: 06 Mar 2025 15:29

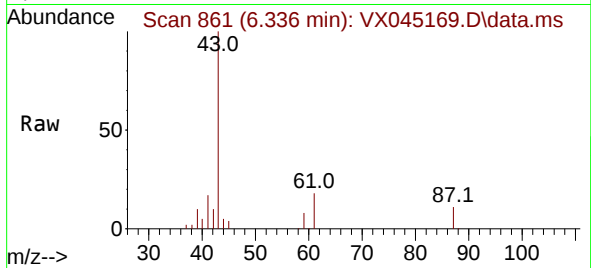
Tgt Ion:113 Resp: 51625  
Ion Ratio Lower Upper  
113 100  
111 100.2 81.8 122.6  
192 18.3 14.3 21.5





#43  
Isopropyl Acetate  
Concen: 18.555 ug/l  
RT: 6.336 min Scan# 861  
Delta R.T. -0.006 min  
Lab File: VX045169.D  
Acq: 06 Mar 2025 15:29

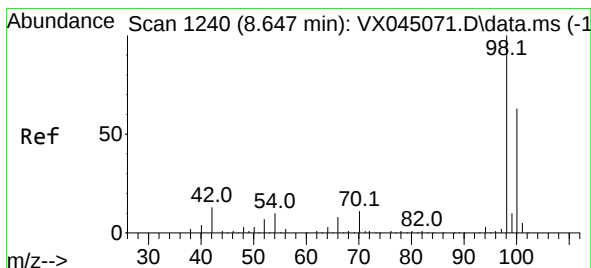
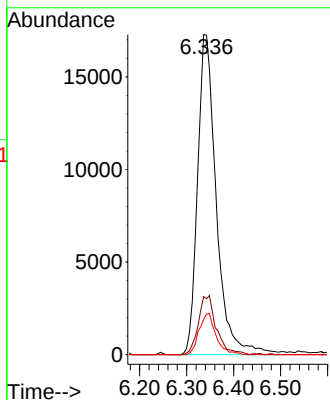
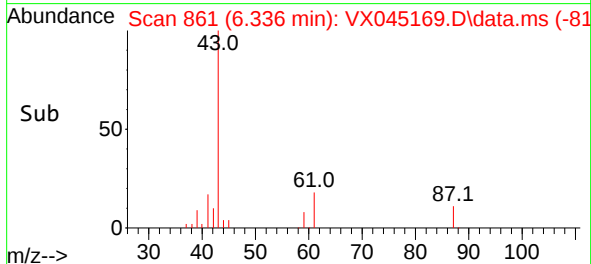
Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-K1311



Tgt Ion: 43 Resp: 47894  
Ion Ratio Lower Upper  
43 100  
61 17.6 14.9 22.3  
87 11.6 9.4 14.2

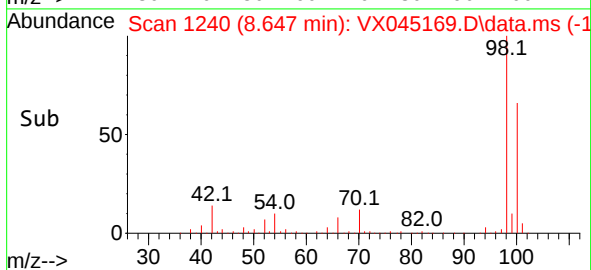
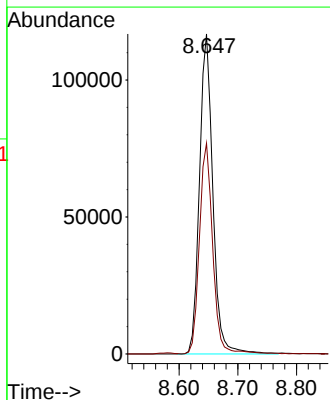
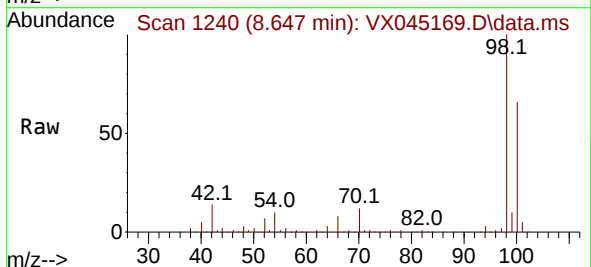
Manual Integrations  
APPROVED

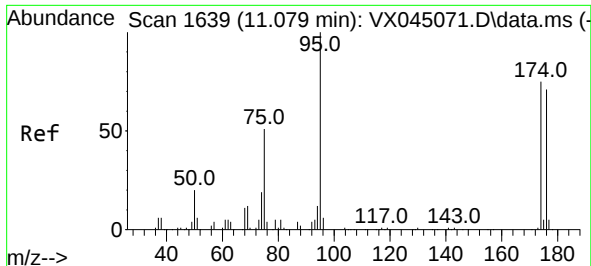
Reviewed By :John Carlone 03/10/2025  
Supervised By :Mahesh Dadoda 03/10/2025



#50  
Toluene-d8  
Concen: 51.636 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX045169.D  
Acq: 06 Mar 2025 15:29

Tgt Ion: 98 Resp: 184918  
Ion Ratio Lower Upper  
98 100  
100 65.7 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 52.934 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045169.D

Acq: 06 Mar 2025 15:29

Instrument :

MSVOA\_X

ClientSampleId :

WC-K1311

Tgt Ion: 95 Resp: 62810

Ion Ratio Lower Upper

95 100

174 74.3 0.0 148.2

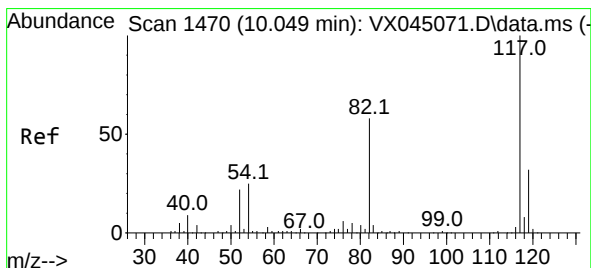
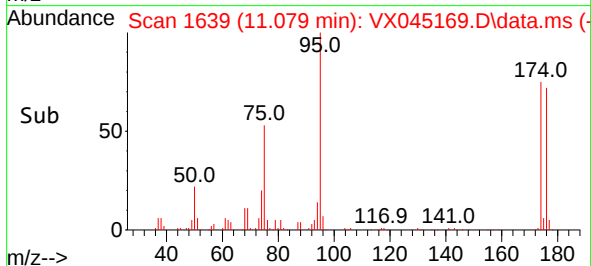
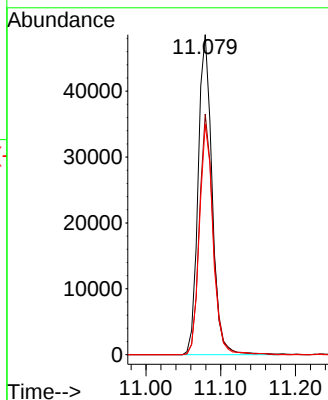
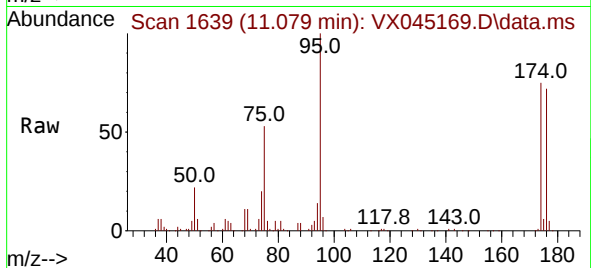
176 70.8 0.0 141.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/10/2025

Supervised By :Mahesh Dadoda 03/10/2025



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX045169.D

Acq: 06 Mar 2025 15:29

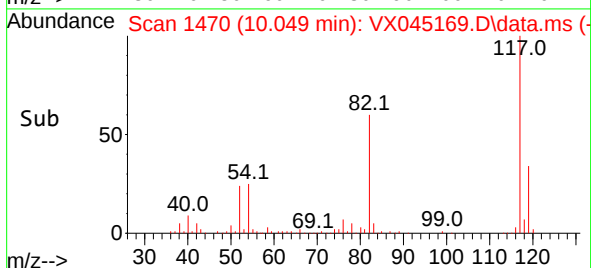
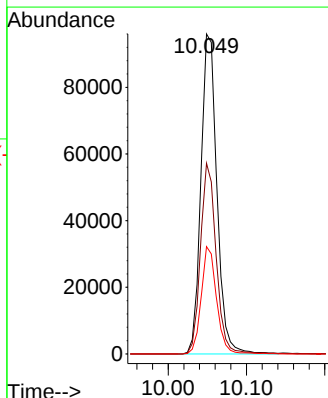
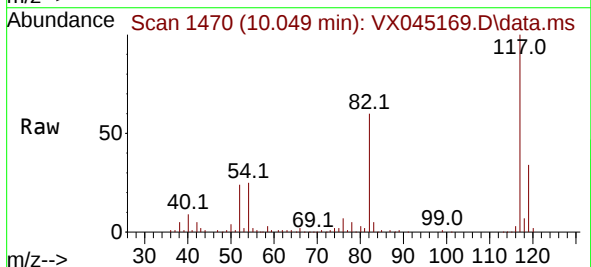
Tgt Ion:117 Resp: 136246

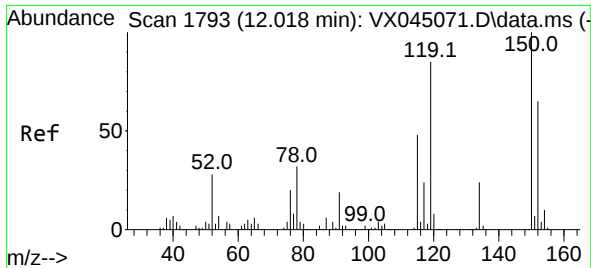
Ion Ratio Lower Upper

117 100

82 59.6 46.3 69.5

119 33.5 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045169.D

Acq: 06 Mar 2025 15:29

Instrument :

MSVOA\_X

ClientSampleId :

WC-K1311

Tgt Ion:152 Resp: 56769

Ion Ratio Lower Upper

152 100

115 61.2 44.2 132.6

150 157.2 0.0 349.0

Manual Integrations

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Supervised By :Mahesh Dadoda 03/10/2025

