

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX073025\  
 Data File : VX047184.D  
 Acq On : 30 Jul 2025 13:58  
 Operator : JC/MD  
 Sample : PB169042TB  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB169042TB

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 07/31/2025  
 Supervised By : Mahesh Dadoda 07/31/2025

Quant Time: Jul 31 03:16:08 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072125W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 22 03:59:51 2025  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|----------|--------|----------|
| -----                       |                |      |            |          |        |          |
| Internal Standards          |                |      |            |          |        |          |
| 1) Pentafluorobenzene       | 5.562          | 168  | 291054     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769          | 114  | 495339     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 439255     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018         | 152  | 223771     | 50.000   | ug/l   | 0.00     |
|                             |                |      |            |          |        |          |
| System Monitoring Compounds |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.964          | 65   | 166727     | 45.986   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 78 - 117 |      | Recovery = | 91.980%  |        |          |
| 35) Dibromofluoromethane    | 5.397          | 113  | 140290     | 45.871   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 91.740%  |        |          |
| 50) Toluene-d8              | 8.653          | 98   | 434624     | 43.881   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 92 - 112 |      | Recovery = | 87.760%# |        |          |
| 62) 4-Bromofluorobenzene    | 11.079         | 95   | 200565     | 46.989   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = | 93.980%  |        |          |
|                             |                |      |            |          |        |          |
| Target Compounds            |                |      |            |          | Qvalue |          |
| 16) Acetone                 | 2.392          | 43   | 52769      | 36.332   | ug/l   | 99       |
| 18) Methyl Acetate          | 2.715          | 43   | 27925      | 7.235    | ug/l   | 99       |
| 20) Methylene Chloride      | 2.806          | 84   | 16598      | 4.154    | ug/l   | 97       |
| 37) Ethyl Acetate           | 4.739          | 43   | 19208m     | 3.998    | ug/l   |          |
| 43) Isopropyl Acetate       | 6.354          | 43   | 14079      | 1.880    | ug/l   | 97       |
| -----                       |                |      |            |          |        |          |

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

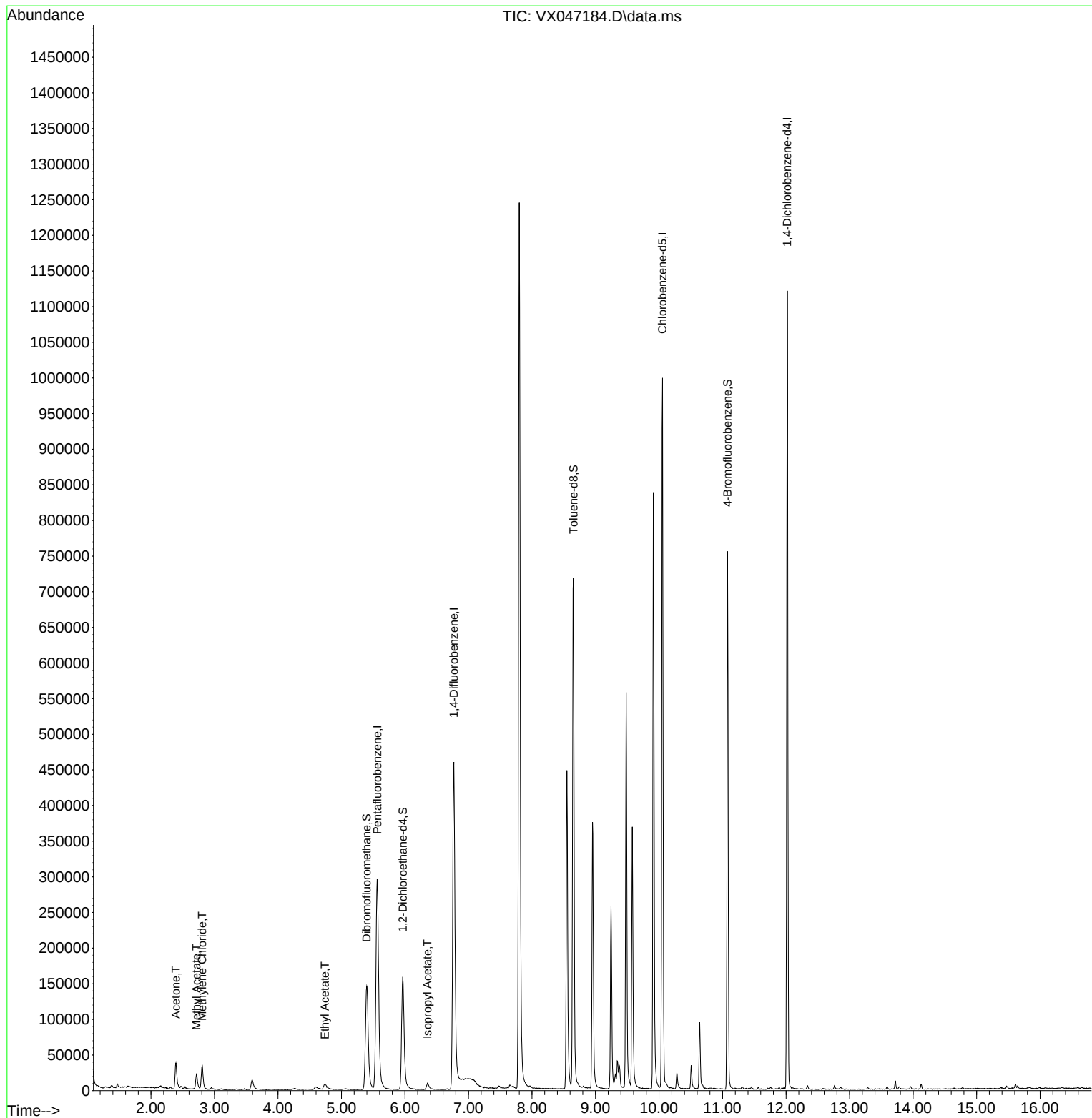
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX073025\  
Data File : VX047184.D  
Acq On : 30 Jul 2025 13:58  
Operator : JC/MD  
Sample : PB169042TB  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB169042TB

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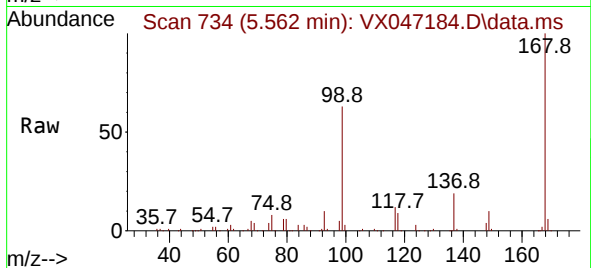
Quant Time: Jul 31 03:16:08 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072125W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jul 22 03:59:51 2025  
Response via : Initial Calibration





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 714  
Delta R.T. -0.000 min  
Lab File: VX047184.D  
Acq: 30 Jul 2025 13:58

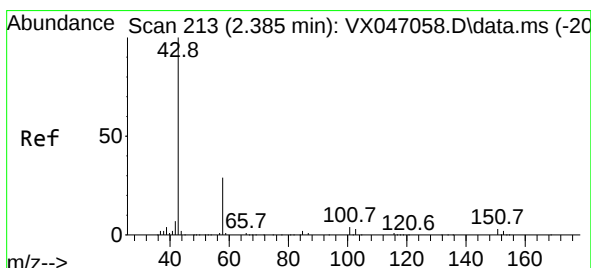
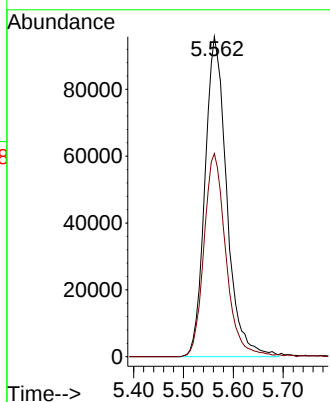
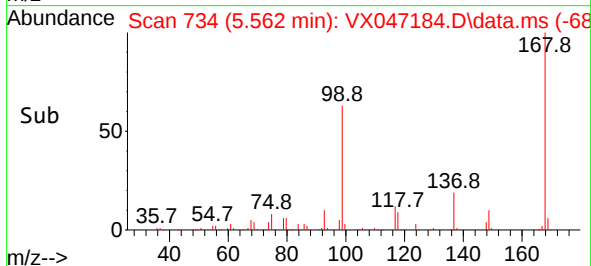
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB169042TB



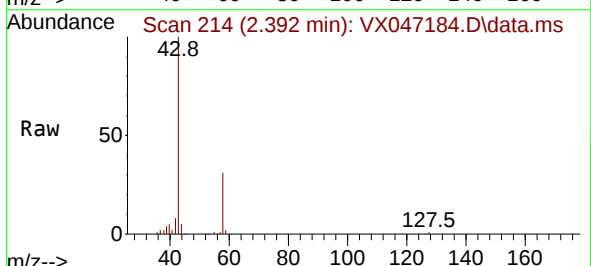
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Ion Ratio Lower Upper  
168 100  
99 63.5 48.0 72.0

Manual Integrations  
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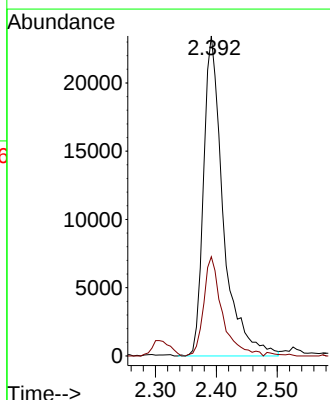
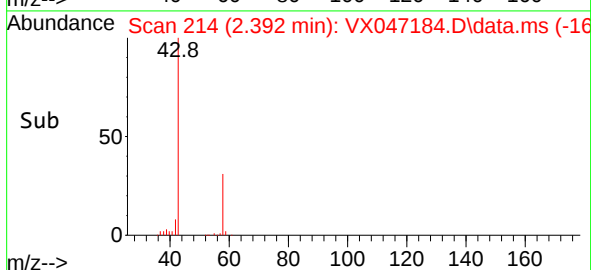
Reviewed By :John Carlone 07/31/2025  
Supervised By :Mahesh Dadoda 07/31/2025

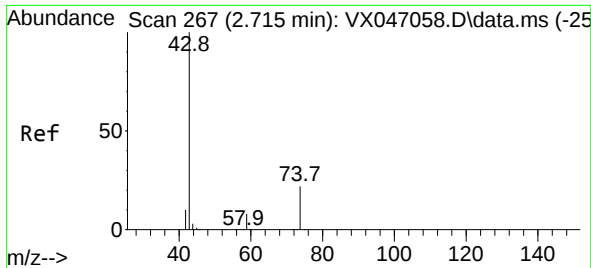


#16  
Acetone  
Concen: 36.332 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. 0.006 min  
Lab File: VX047184.D  
Acq: 30 Jul 2025 13:58



Tgt Ion: 43 Resp: 52769  
Ion Ratio Lower Upper  
43 100  
58 30.6 24.0 36.0





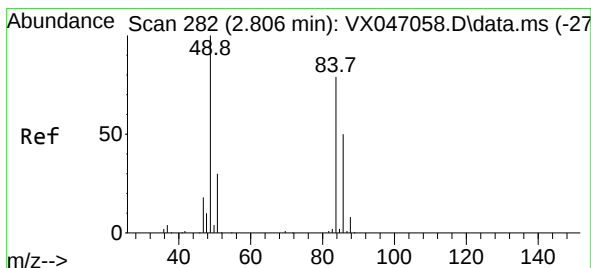
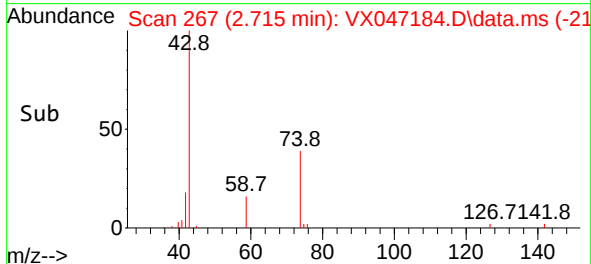
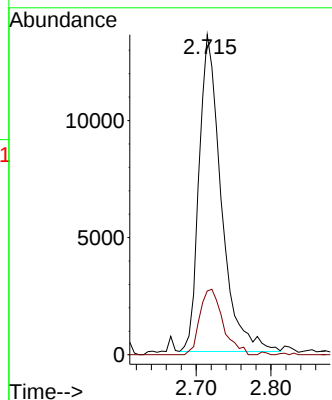
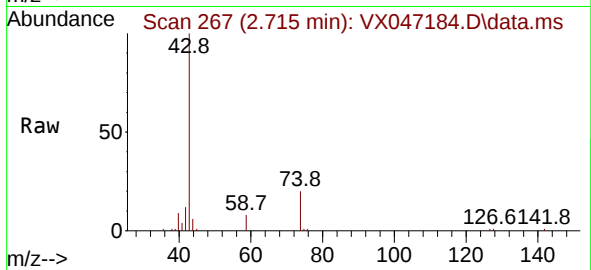
#18  
Methyl Acetate  
Concen: 7.235 ug/l  
RT: 2.715 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: VX047184.D  
Acq: 30 Jul 2025 13:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB169042TB

Tgt Ion: 43 Resp: 27925  
Ion Ratio Lower Upper  
43 100  
74 21.4 17.7 26.5

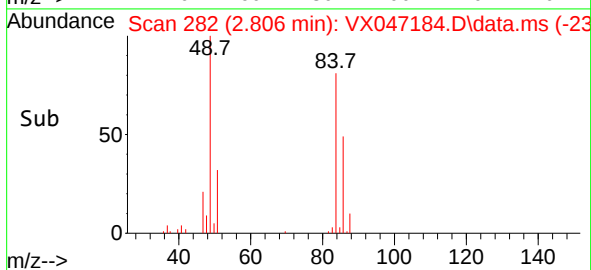
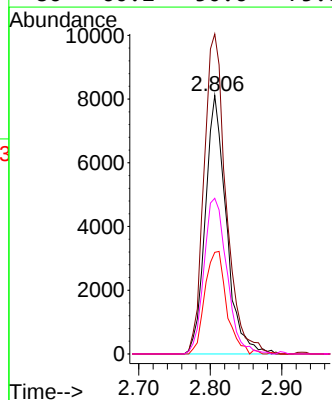
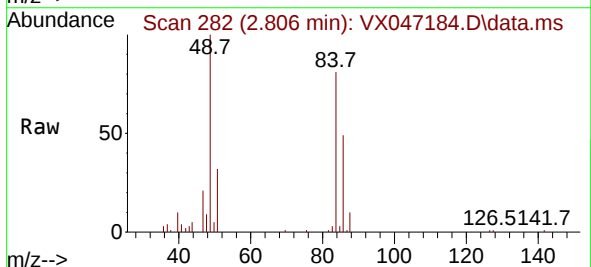
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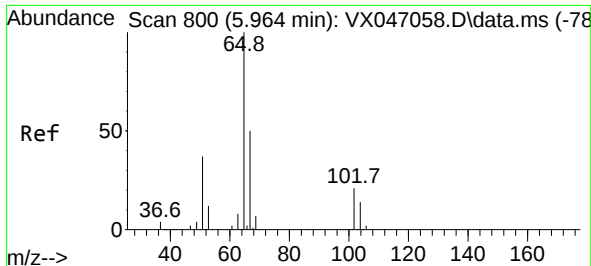
Reviewed By :John Carlone 07/31/2025  
Supervised By :Mahesh Dadoda 07/31/2025



#20  
Methylene Chloride  
Concen: 4.154 ug/l  
RT: 2.806 min Scan# 282  
Delta R.T. 0.000 min  
Lab File: VX047184.D  
Acq: 30 Jul 2025 13:58

Tgt Ion: 84 Resp: 16598  
Ion Ratio Lower Upper  
84 100  
49 123.8 101.6 152.4  
51 39.3 30.3 45.5  
86 60.2 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 45.986 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX047184.D

Acq: 30 Jul 2025 13:58

Instrument :

MSVOA\_X

ClientSampleId :

PB169042TB

Tgt Ion: 65 Resp: 16672

Ion Ratio Lower Upper

65 100

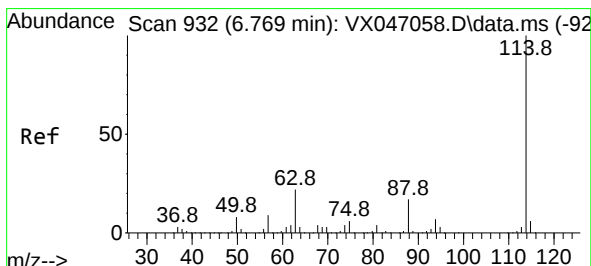
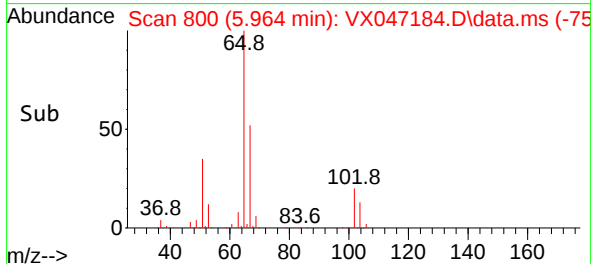
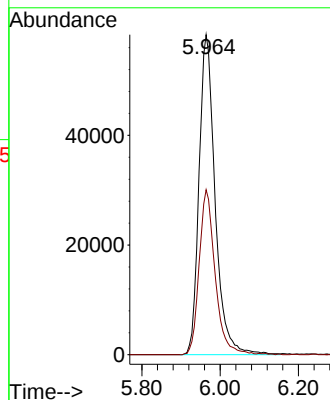
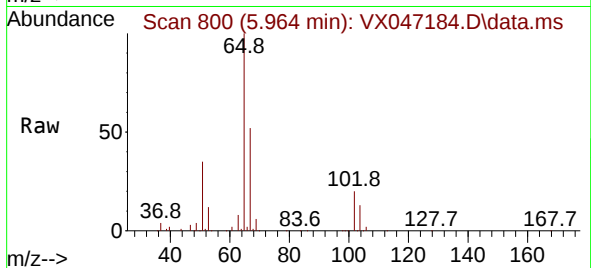
67 51.1 0.0 104.8

Manual Integrations

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Reviewed By :John Carlone 07/31/2025

Supervised By :Mahesh Dadoda 07/31/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX047184.D

Acq: 30 Jul 2025 13:58

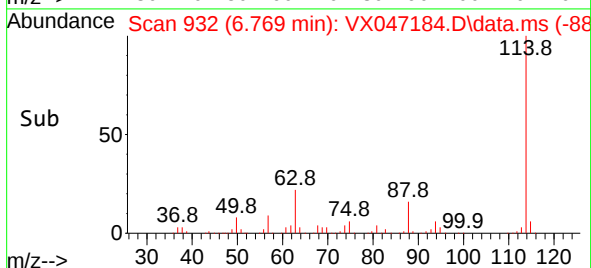
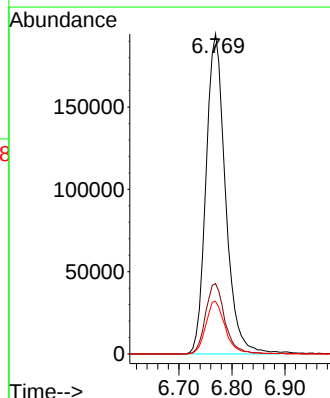
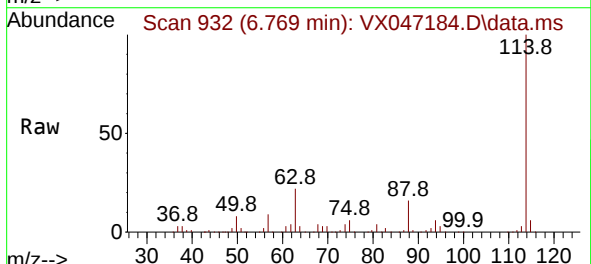
Tgt Ion:114 Resp: 495339

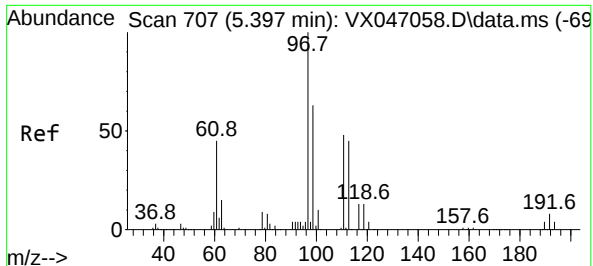
Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.2

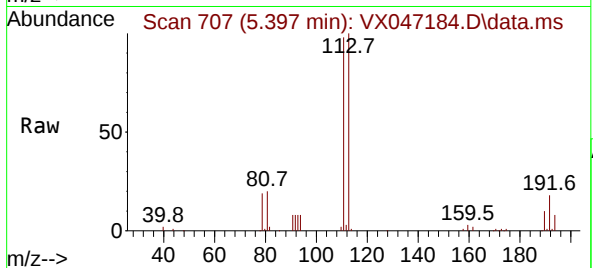
88 16.5 0.0 33.8





#35  
Dibromofluoromethane  
Concen: 45.871 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX047184.D  
Acq: 30 Jul 2025 13:58

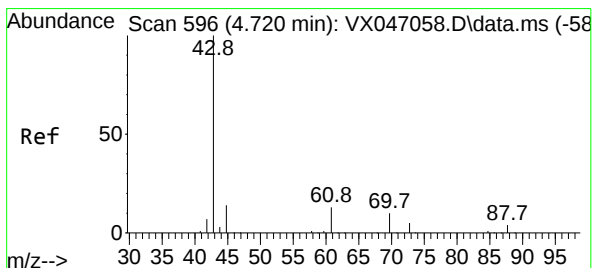
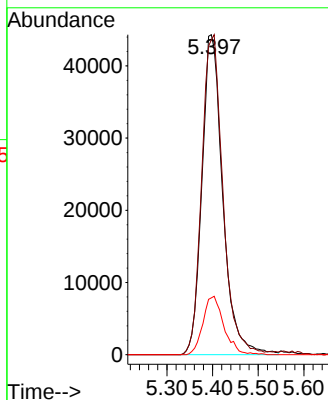
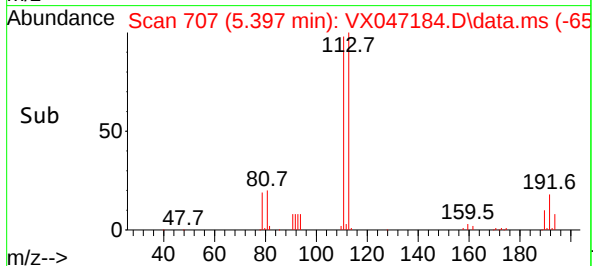
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB169042TB



Tgt Ion: 113 Resp: 140290  
Ion Ratio Lower Upper  
113 100  
111 101.9 82.6 124.0  
192 18.4 14.9 22.3

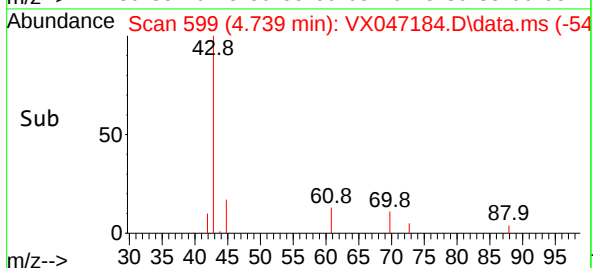
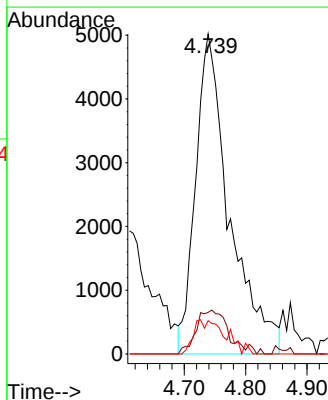
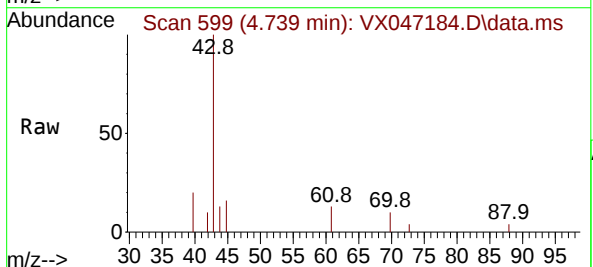
Manual Integrations  
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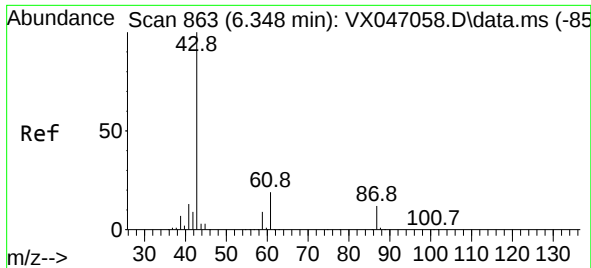
Reviewed By :John Carlone 07/31/2025  
Supervised By :Mahesh Dadoda 07/31/2025



#37  
Ethyl Acetate  
Concen: 3.998 ug/l m  
RT: 4.739 min Scan# 599  
Delta R.T. 0.019 min  
Lab File: VX047184.D  
Acq: 30 Jul 2025 13:58

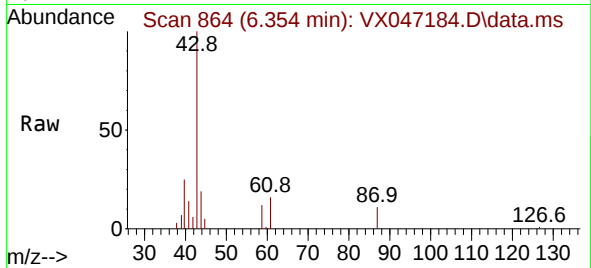
Tgt Ion: 43 Resp: 19208  
Ion Ratio Lower Upper  
43 100  
61 12.6 10.2 15.2  
70 3.7 8.1 12.1#





#43  
Isopropyl Acetate  
Concen: 1.880 ug/l  
RT: 6.354 min Scan# 864  
Delta R.T. 0.006 min  
Lab File: VX047184.D  
Acq: 30 Jul 2025 13:58

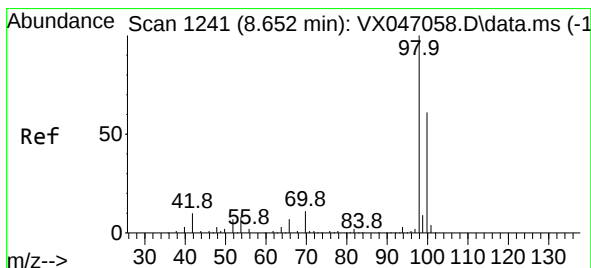
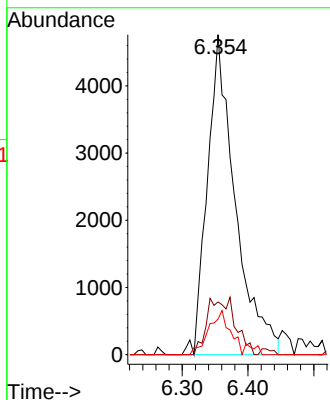
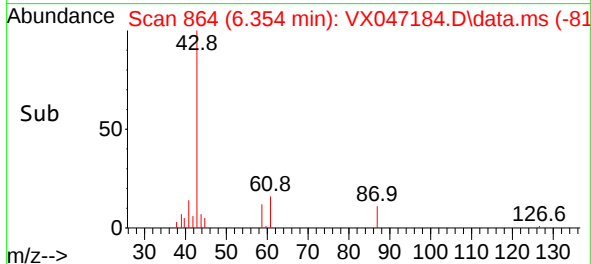
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB169042TB



Tgt Ion: 43 Resp: 14079  
Ion Ratio Lower Upper  
43 100  
61 17.8 15.1 22.7  
87 10.5 9.7 14.5

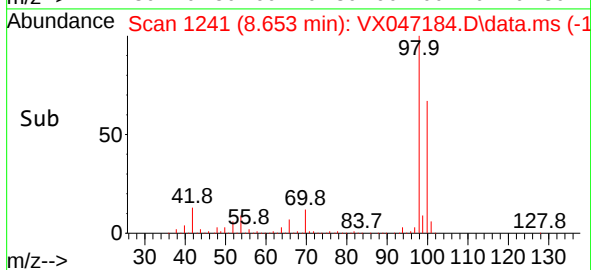
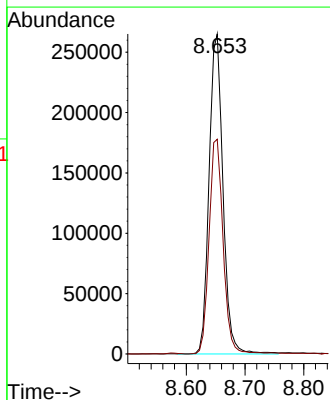
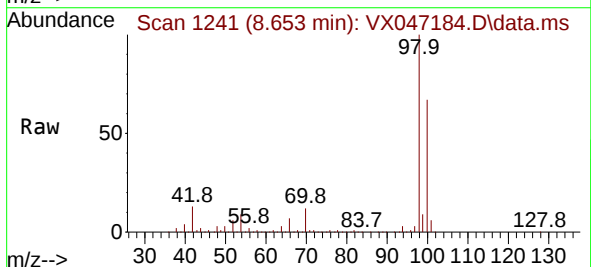
Manual Integrations  
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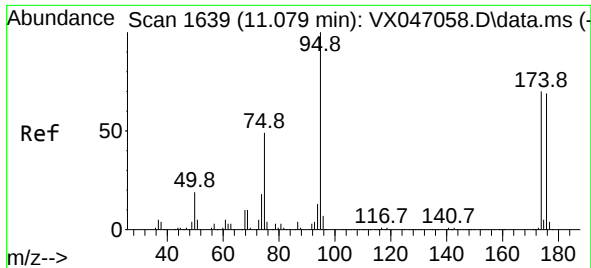
Reviewed By :John Carlone 07/31/2025  
Supervised By :Mahesh Dadoda 07/31/2025



#50  
Toluene-d8  
Concen: 43.881 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.000 min  
Lab File: VX047184.D  
Acq: 30 Jul 2025 13:58

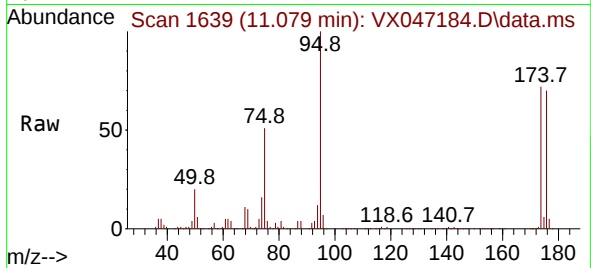
Tgt Ion: 98 Resp: 434624  
Ion Ratio Lower Upper  
98 100  
100 68.0 53.3 79.9





#62  
4-Bromofluorobenzene  
Concen: 46.989 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX047184.D  
Acq: 30 Jul 2025 13:58

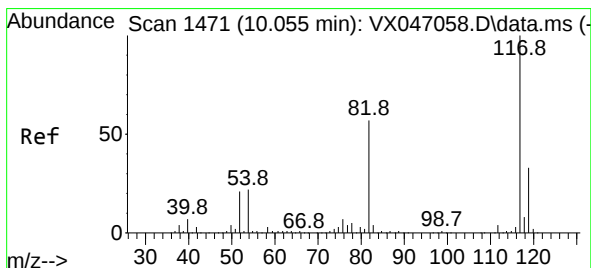
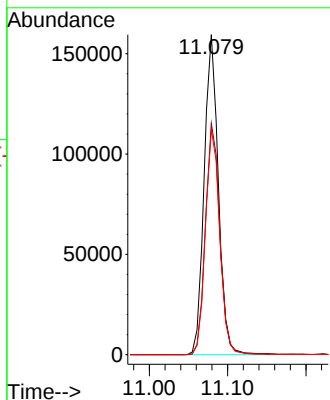
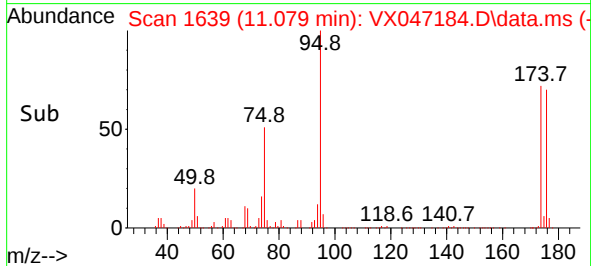
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB169042TB



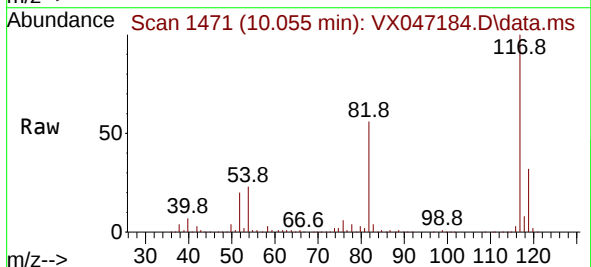
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Ion Ratio Lower Upper  
95 100  
174 73.5 0.0 144.6  
176 71.1 0.0 139.6

Manual Integrations  
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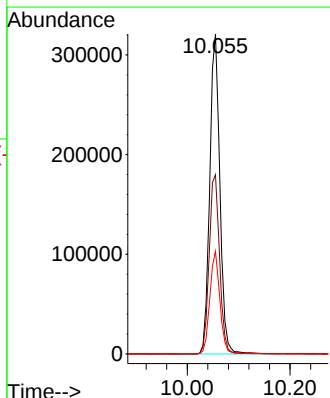
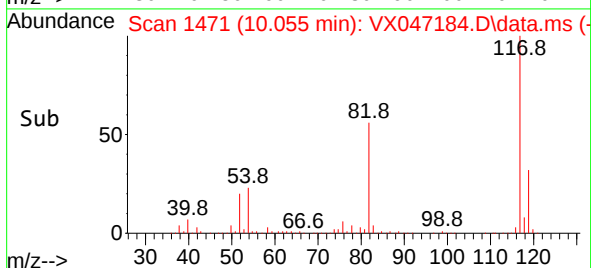
Reviewed By :John Carlone 07/31/2025  
Supervised By :Mahesh Dadoda 07/31/2025

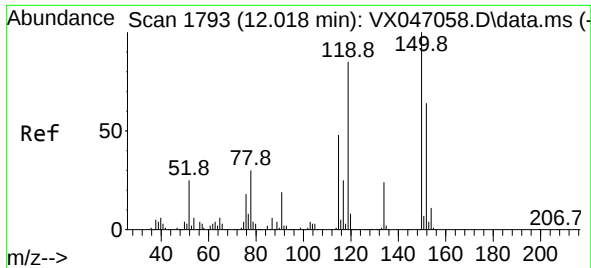


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX047184.D  
Acq: 30 Jul 2025 13:58



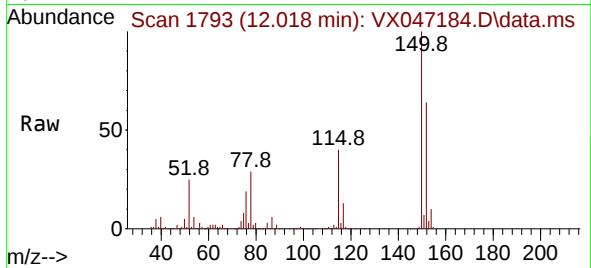
Tgt Ion:117 Resp: 439255  
Ion Ratio Lower Upper  
117 100  
82 56.0 45.4 68.2  
119 32.1 26.1 39.1





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.018 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX047184.D  
 Acq: 30 Jul 2025 13:58

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB169042TB



Tgt Ion:152 Resp: 22377  
 Ion Ratio Lower Upper  
 152 100  
 115 62.6 45.6 136.7  
 150 156.5 0.0 354.6

Manual Integrations  
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 Supervised By :Mahesh Dadoda 07/31/2025

