

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072825\  
 Data File : VX047166.D  
 Acq On : 28 Jul 2025 15:28  
 Operator : JC/MD  
 Sample : Q2706-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RT-5417

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 07/29/2025  
 Supervised By : Mahesh Dadoda 07/29/2025

Quant Time: Jul 29 02:18:38 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  | 337696     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769          | 114  | 584582     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 523838     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018         | 152  | 264530     | 50.000   | ug/l   | 0.00     |
|                             |                |      |            |          |        |          |
| System Monitoring Compounds |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.964          | 65   | 197726     | 47.003   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 78 - 117 |      | Recovery = | 94.000%  |        |          |
| 35) Dibromofluoromethane    | 5.397          | 113  | 165865     | 45.954   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 91.900%  |        |          |
| 50) Toluene-d8              | 8.653          | 98   | 513207     | 43.905   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 92 - 112 |      | Recovery = | 87.820%# |        |          |
| 62) 4-Bromofluorobenzene    | 11.079         | 95   | 240414     | 47.727   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = | 95.460%  |        |          |
|                             |                |      |            |          |        |          |
| Target Compounds            |                |      |            |          |        |          |
| 16) Acetone                 | 2.392          | 43   | 44765      | 26.564   | ug/l   | 99       |
| 18) Methyl Acetate          | 2.721          | 43   | 32907      | 7.348    | ug/l   | 95       |
| 20) Methylene Chloride      | 2.806          | 84   | 12218      | 2.635    | ug/l   | 97       |
| 37) Ethyl Acetate           | 4.745          | 43   | 11580m     | 2.043    | ug/l   |          |
| 43) Isopropyl Acetate       | 6.354          | 43   | 11029      | 1.248    | ug/l # | 84       |
| -----                       |                |      |            |          |        |          |

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

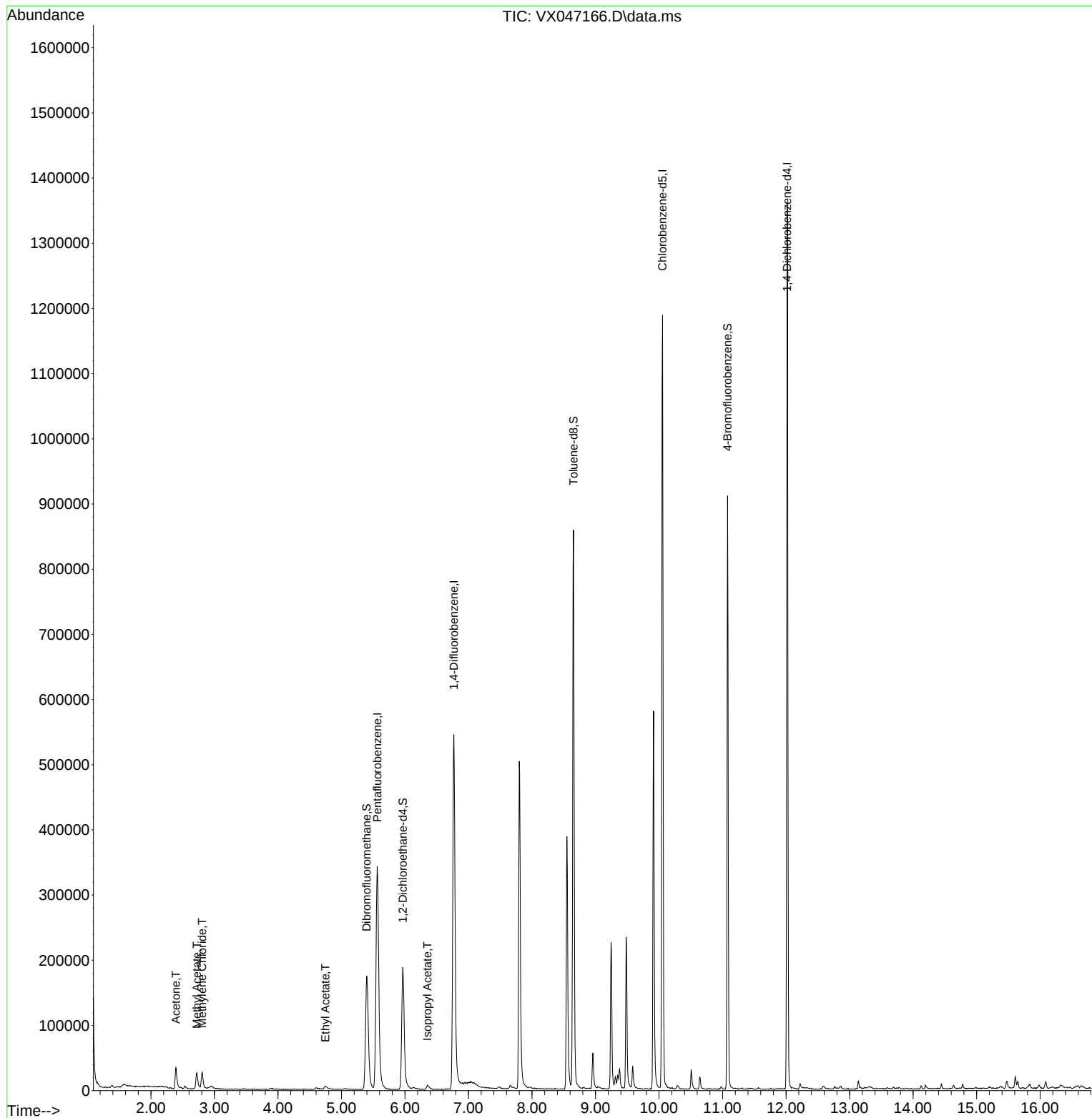
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072825\  
Data File : VX047166.D  
Acq On : 28 Jul 2025 15:28  
Operator : JC/MD  
Sample : Q2706-02  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 16 Sample Multiplier: 1

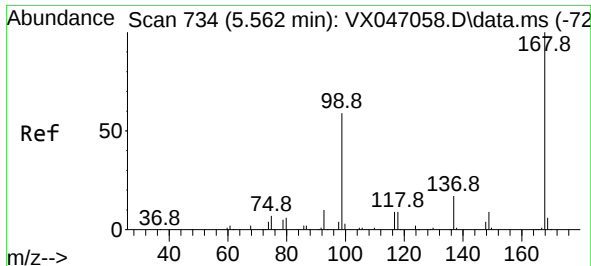
Instrument :  
MSVOA\_X  
ClientSampleId :  
RT-5417

Quant Time: Jul 29 02:18:38 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

Manual Integrations  
APPROVED

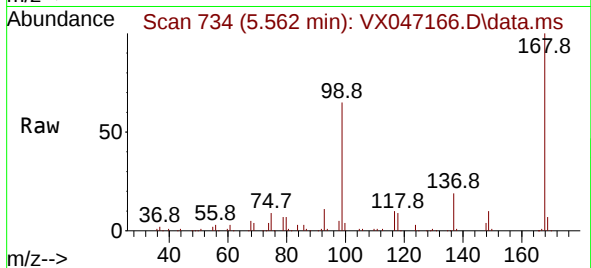
Reviewed By : John Carlone 07/29/2025  
Supervised By : Mahesh Dadoda 07/29/2025





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX047166.D  
Acq: 28 Jul 2025 15:28

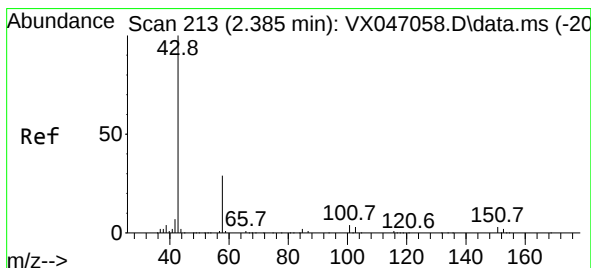
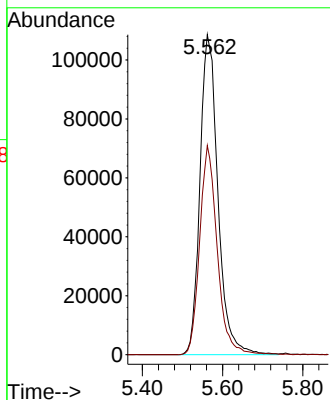
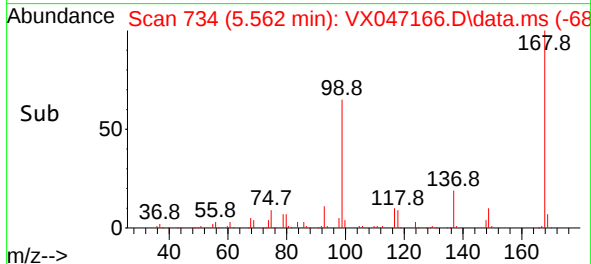
Instrument :  
MSVOA\_X  
ClientSampleId :  
RT-5417



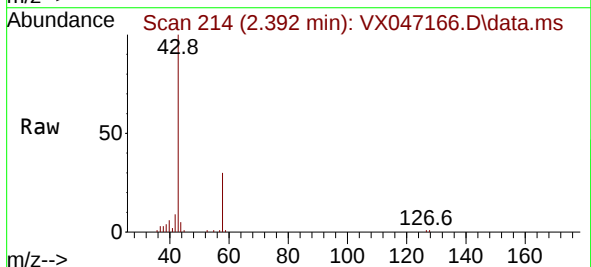
Tgt Ion:168 Resp: 337690  
Ion Ratio Lower Upper  
168 100  
99 65.4 48.0 72.0

Manual Integrations  
APPROVED

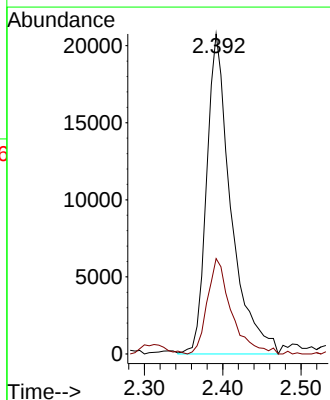
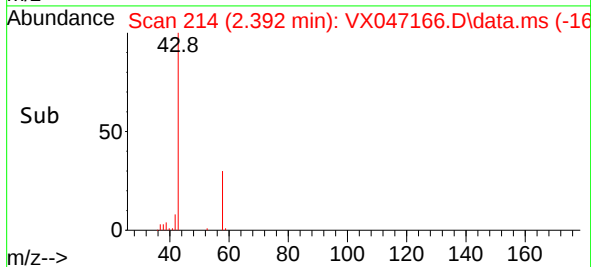
Reviewed By :John Carlone 07/29/2025  
Supervised By :Mahesh Dadoda 07/29/2025

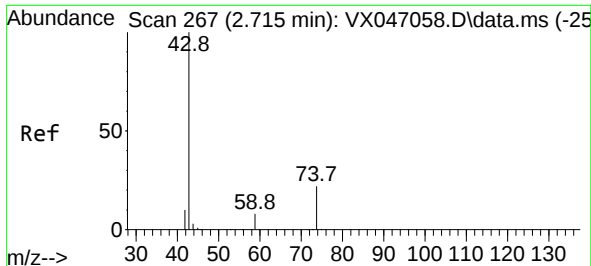


#16  
Acetone  
Concen: 26.564 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. 0.006 min  
Lab File: VX047166.D  
Acq: 28 Jul 2025 15:28



Tgt Ion: 43 Resp: 44765  
Ion Ratio Lower Upper  
43 100  
58 29.4 24.0 36.0





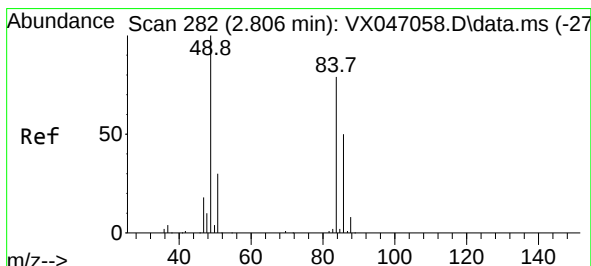
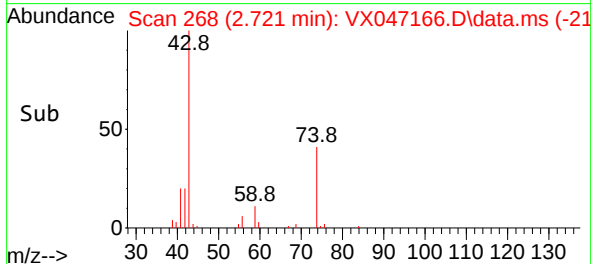
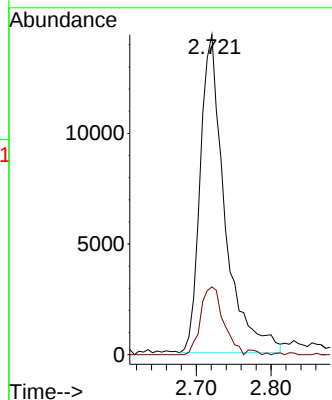
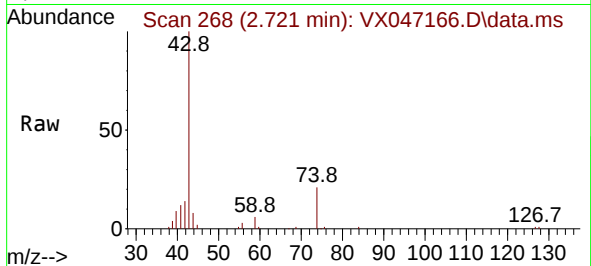
#18  
Methyl Acetate  
Concen: 7.348 ug/l  
RT: 2.721 min Scan# 20  
Delta R.T. 0.006 min  
Lab File: VX047166.D  
Acq: 28 Jul 2025 15:28

Instrument :  
MSVOA\_X  
ClientSampleId :  
RT-5417

Tgt Ion: 43 Resp: 3290  
Ion Ratio Lower Upper  
43 100  
74 19.6 17.7 26.5

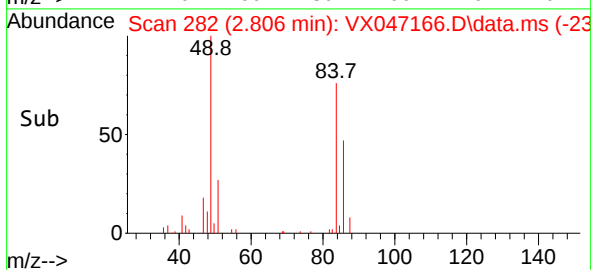
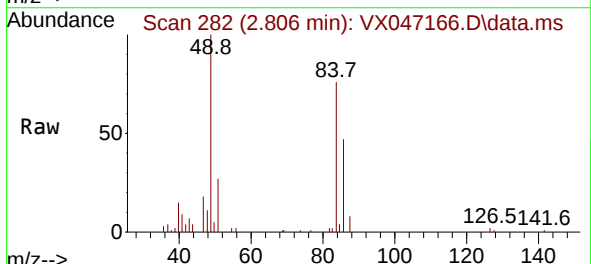
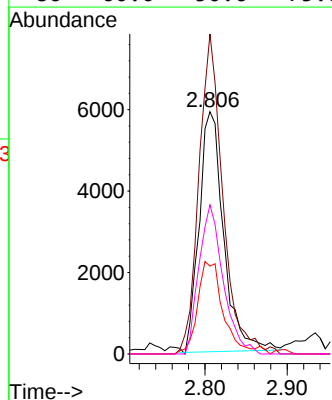
Manual Integrations  
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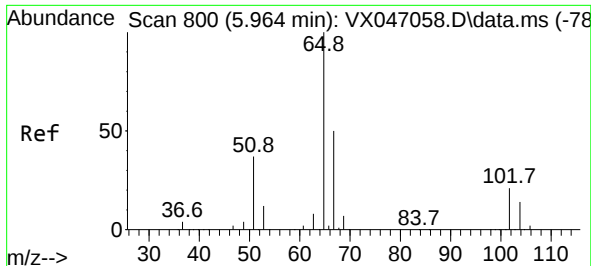
Reviewed By :John Carlone 07/29/2025  
Supervised By :Mahesh Dadoda 07/29/2025



#20  
Methylene Chloride  
Concen: 2.635 ug/l  
RT: 2.806 min Scan# 282  
Delta R.T. 0.000 min  
Lab File: VX047166.D  
Acq: 28 Jul 2025 15:28

Tgt Ion: 84 Resp: 12218  
Ion Ratio Lower Upper  
84 100  
49 128.8 101.6 152.4  
51 34.1 30.3 45.5  
86 60.0 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 47.003 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX047166.D

Acq: 28 Jul 2025 15:28

Instrument :

MSVOA\_X

ClientSampleId :

RT-5417

Tgt Ion: 65 Resp: 197720

Ion Ratio Lower Upper

65 100

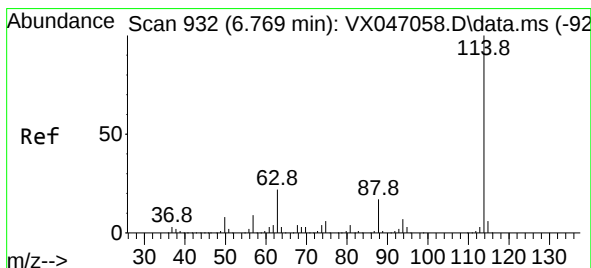
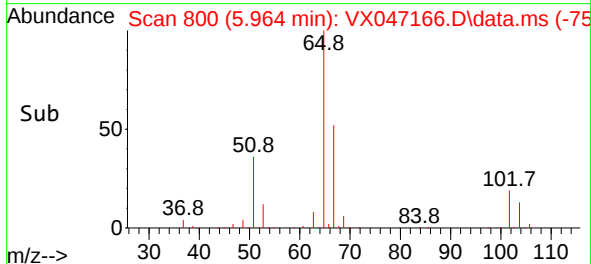
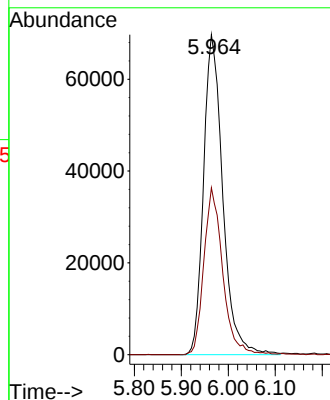
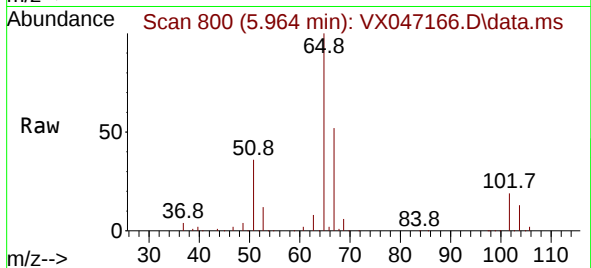
67 51.0 0.0 104.8

Manual Integrations

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Supervised By :Mahesh Dadoda 07/29/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX047166.D

Acq: 28 Jul 2025 15:28

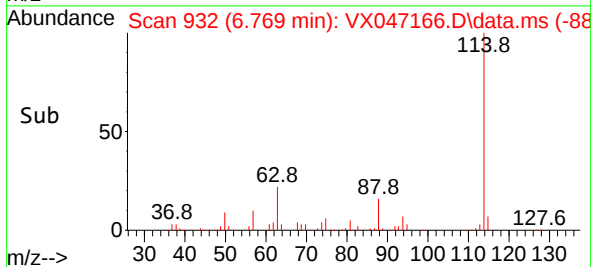
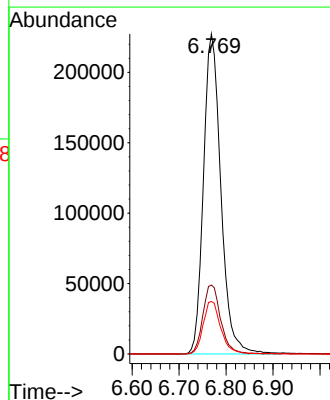
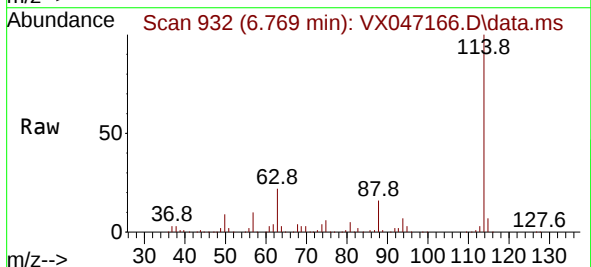
Tgt Ion:114 Resp: 584582

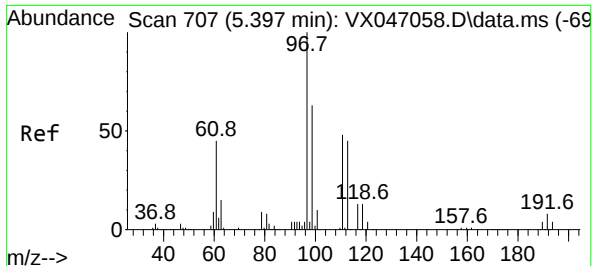
Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.2

88 16.4 0.0 33.8





#35

Dibromofluoromethane

Concen: 45.954 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX047166.D

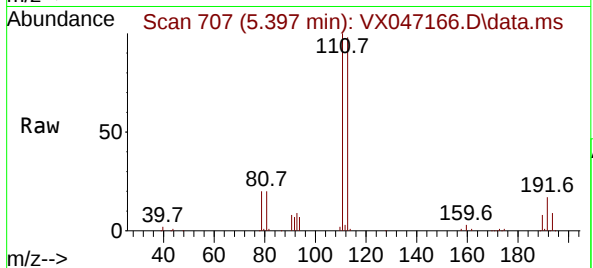
Acq: 28 Jul 2025 15:28

Instrument :

MSVOA\_X

ClientSampleId :

RT-5417



Tgt Ion:113 Resp: 16586

Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

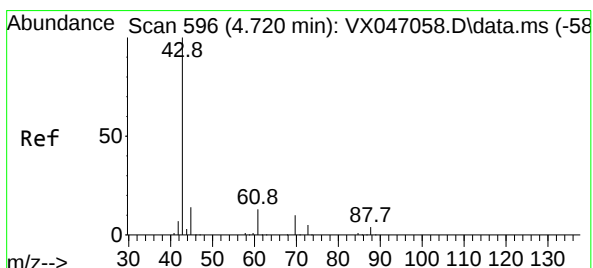
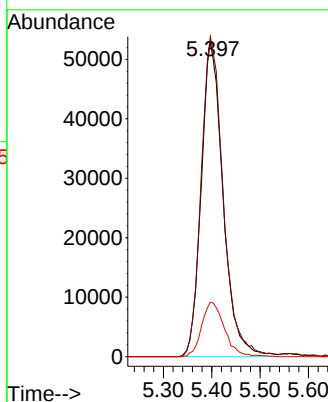
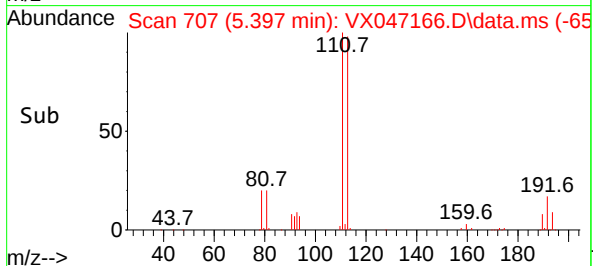
192 18.1 14.9 22.3

Manual Integrations

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Reviewed By :John Carlone 07/29/2025

Supervised By :Mahesh Dadoda 07/29/2025



#37

Ethyl Acetate

Concen: 2.043 ug/l m

RT: 4.745 min Scan# 600

Delta R.T. 0.024 min

Lab File: VX047166.D

Acq: 28 Jul 2025 15:28

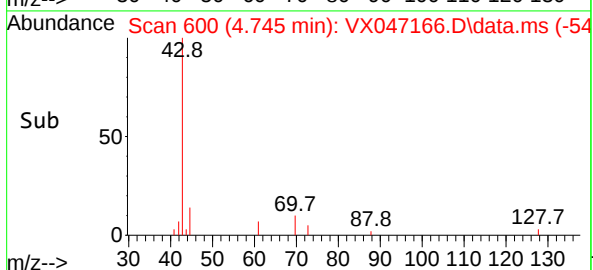
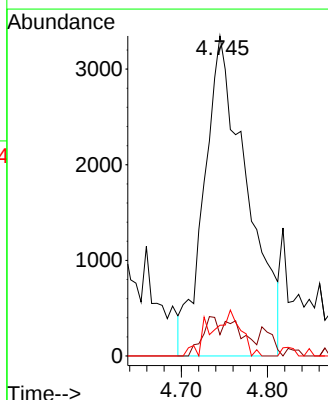
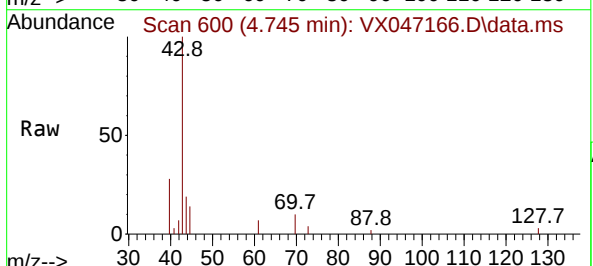
Tgt Ion: 43 Resp: 11580

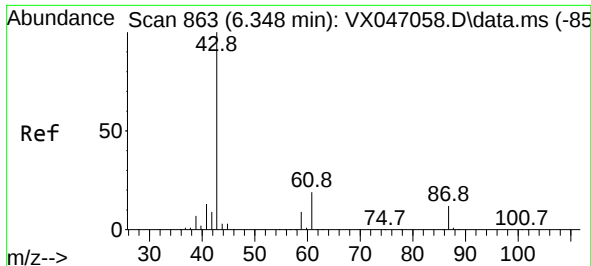
Ion Ratio Lower Upper

43 100

61 4.8 10.2 15.2#

70 0.0 8.1 12.1#





#43

Isopropyl Acetate

Concen: 1.248 ug/l

RT: 6.354 min Scan# 864

Delta R.T. 0.006 min

Lab File: VX047166.D

Acq: 28 Jul 2025 15:28

Instrument :

MSVOA\_X

ClientSampleId :

RT-5417

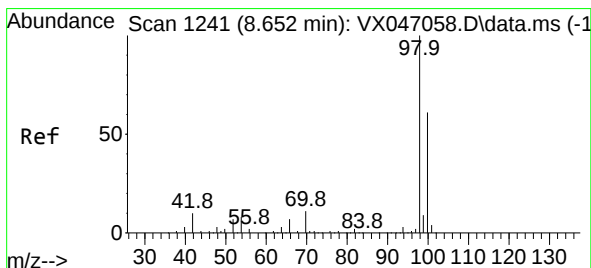
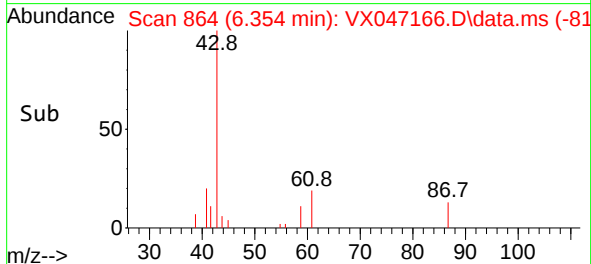
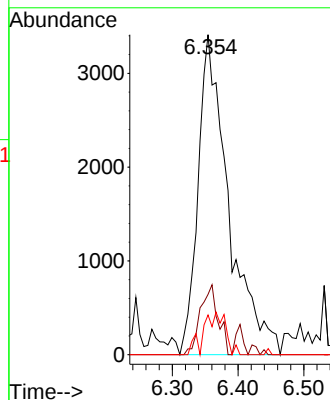
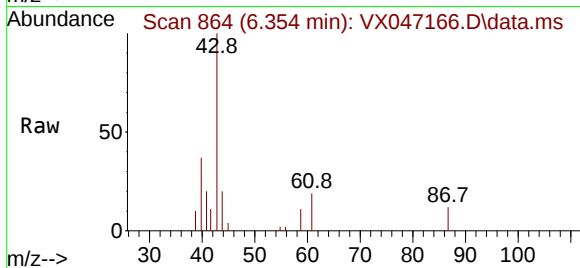
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 11029 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 12.7  | 15.1  | 22.7  |
| 87       | 4.7   | 9.7   | 14.5  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2025

Supervised By :Mahesh Dadoda 07/29/2025



#50

Toluene-d8

Concen: 43.905 ug/l

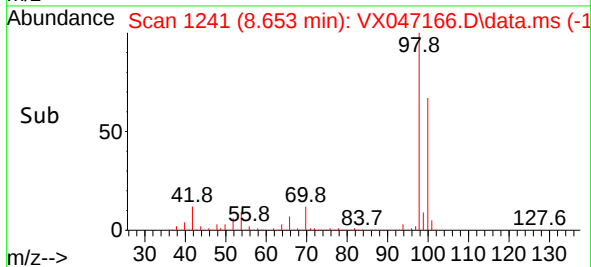
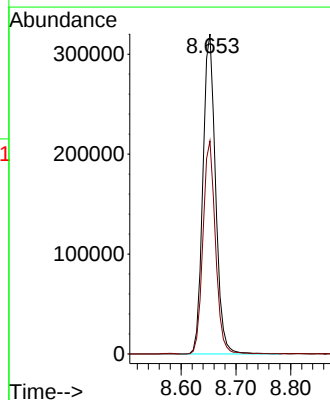
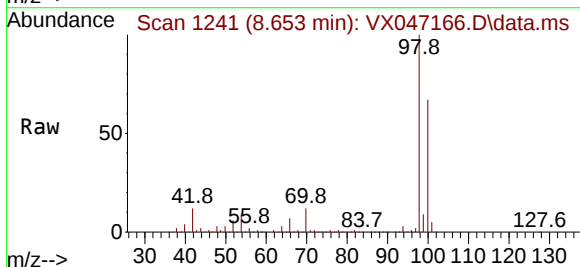
RT: 8.653 min Scan# 1241

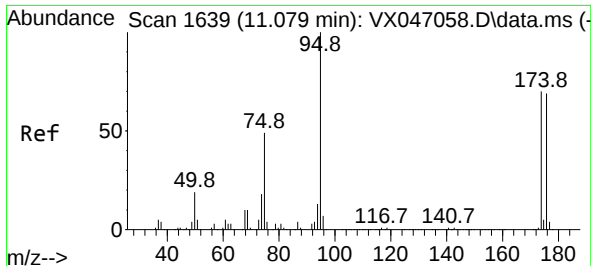
Delta R.T. 0.000 min

Lab File: VX047166.D

Acq: 28 Jul 2025 15:28

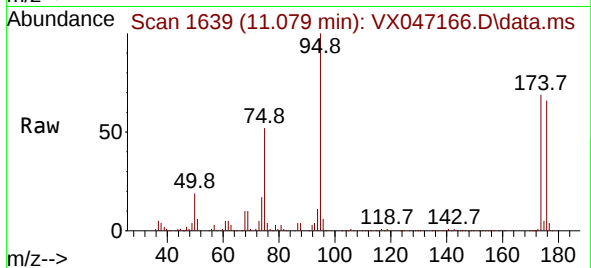
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 513207 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 65.8  | 53.3  | 79.9   |





#62  
4-Bromofluorobenzene  
Concen: 47.727 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX047166.D  
Acq: 28 Jul 2025 15:28

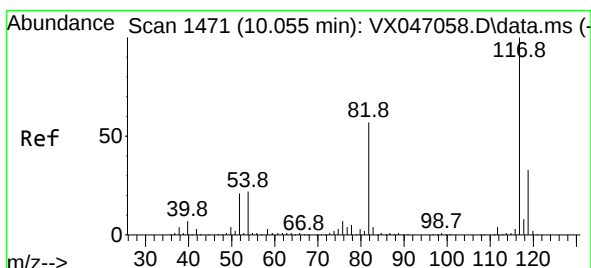
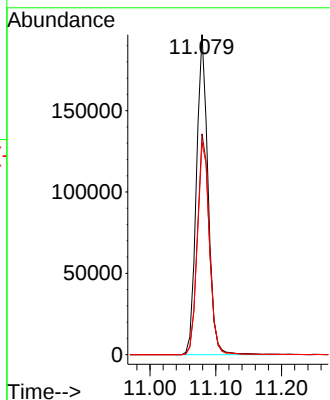
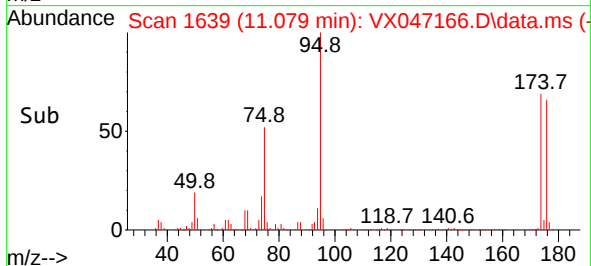
Instrument :  
MSVOA\_X  
ClientSampleId :  
RT-5417



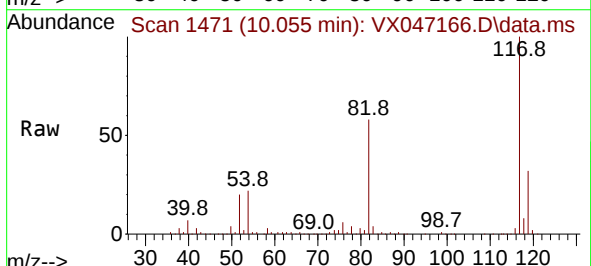
Tgt Ion: 95 Resp: 240414  
Ion Ratio Lower Upper  
95 100  
174 70.8 0.0 144.6  
176 69.3 0.0 139.6

Manual Integrations  
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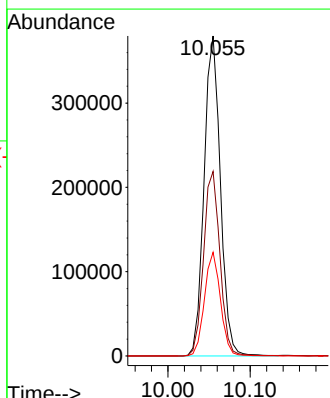
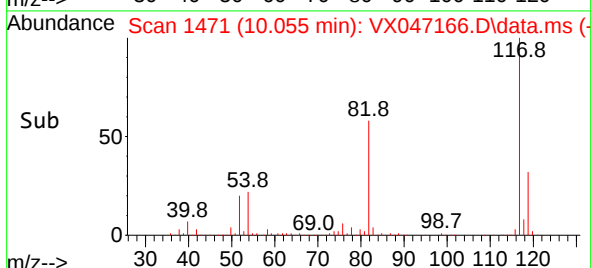
Reviewed By :John Carlone 07/29/2025  
Supervised By :Mahesh Dadoda 07/29/2025

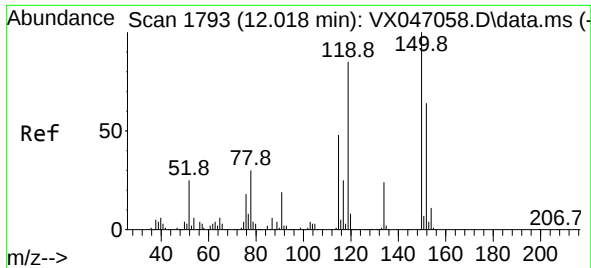


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX047166.D  
Acq: 28 Jul 2025 15:28



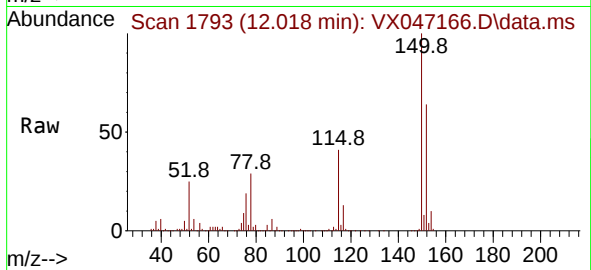
Tgt Ion:117 Resp: 523838  
Ion Ratio Lower Upper  
117 100  
82 57.7 45.4 68.2  
119 32.4 26.1 39.1





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.018 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX047166.D  
 Acq: 28 Jul 2025 15:28

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RT-5417



Tgt Ion:152 Resp: 264530  
 Ion Ratio Lower Upper  
 152 100  
 115 63.3 45.6 136.7  
 150 157.2 0.0 354.6

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