

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092325\  
 Data File : VX047755.D  
 Acq On : 24 Sep 2025 06:37  
 Operator : JC/MD  
 Sample : Q3127-10  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TT101D-20250915

Quant Time: Sep 24 07:11:25 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091625W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 17 06:39:58 2025  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 09/24/2025  
 Supervised By : Mahesh Dadoda 09/26/2025

| Compound                     | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|------------------------------|--------|-------|----------|----------|-------|----------|
| -----                        |        |       |          |          |       |          |
| Internal Standards           |        |       |          |          |       |          |
| 1) Pentafluorobenzene        | 5.538  | 168   | 135055   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.751  | 114   | 293558   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 10.037 | 117   | 297268   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.006 | 152   | 153772   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds  |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4    | 5.940  | 65    | 116784   | 54.325   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =     | 108.640% |
| 35) Dibromofluoromethane     | 5.379  | 113   | 95958    | 48.740   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =     | 97.480%  |
| 50) Toluene-d8               | 8.635  | 98    | 330914   | 48.576   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =     | 97.160%  |
| 62) 4-Bromofluorobenzene     | 11.061 | 95    | 142848   | 55.252   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =     | 110.500% |
| Target Compounds             |        |       |          |          |       |          |
|                              |        |       |          |          |       | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.173  | 85    | 1941     | 1.388    | ug/l  | 80       |
| 9) 1,1,2-Trichlorotrifluo... | 2.337  | 101   | 21733    | 13.913   | ug/l  | 97       |
| 12) 1,1-Dichloroethene       | 2.325  | 96    | 3971     | 2.475    | ug/l  | 89       |
| 27) cis-1,2-Dichloroethene   | 4.483  | 96    | 7873     | 3.721    | ug/l  | 92       |
| 29) Tetrahydrofuran          | 5.019  | 42    | 2033     | 2.898    | ug/l  | # 79     |
| 30) Chloroform               | 5.093  | 83    | 1799m    | 0.522    | ug/l  |          |
| 44) Trichloroethene          | 7.111  | 130   | 268622   | 127.162  | ug/l  | 97       |
| 64) Tetrachloroethene        | 9.263  | 164   | 2417     | 1.247    | ug/l  | 89       |
| -----                        |        |       |          |          |       |          |

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

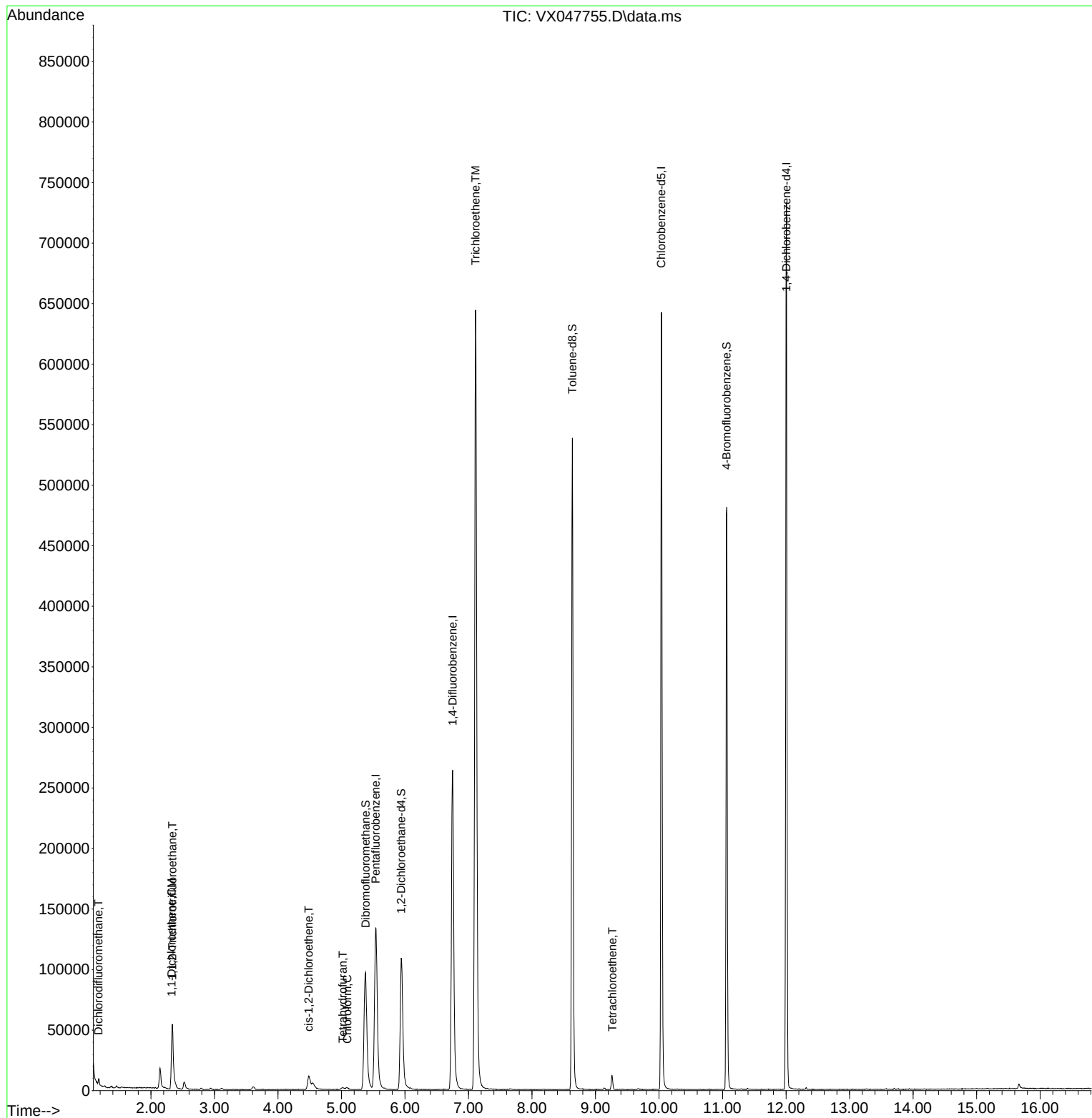
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092325\  
Data File : VX047755.D  
Acq On : 24 Sep 2025 06:37  
Operator : JC/MD  
Sample : Q3127-10  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 44 Sample Multiplier: 1

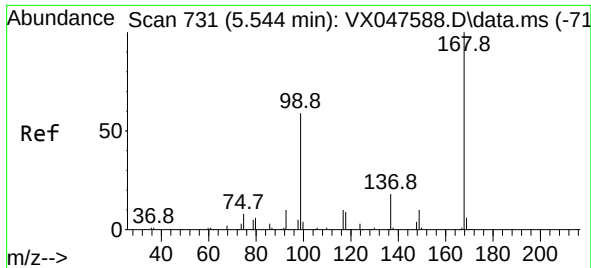
Instrument :  
MSVOA\_X  
ClientSampleId :  
TT101D-20250915

Quant Time: Sep 24 07:11:25 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091625W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 17 06:39:58 2025  
Response via : Initial Calibration

Manual Integrations  
APPROVED

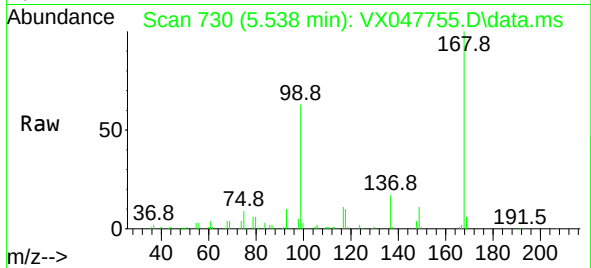
Reviewed By : John Carlone 09/24/2025  
Supervised By : Mahesh Dadoda 09/26/2025





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.538 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX047755.D  
Acq: 24 Sep 2025 06:37

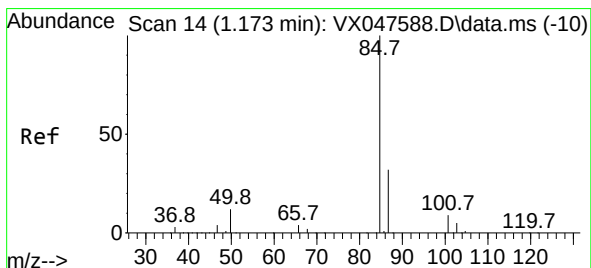
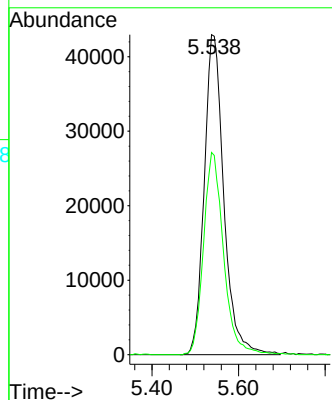
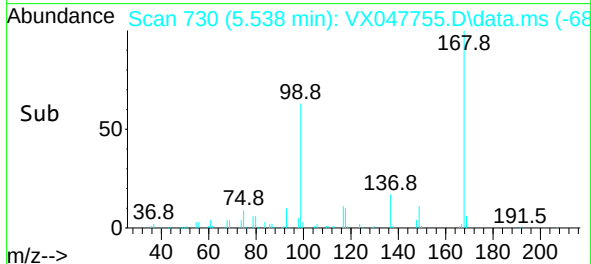
Instrument :  
MSVOA\_X  
ClientSampleId :  
TT101D-20250915



Tgt Ion:168 Resp: 13505  
Ion Ratio Lower Upper  
168 100  
99 63.2 48.8 73.2

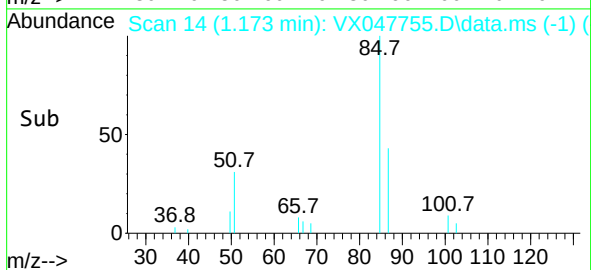
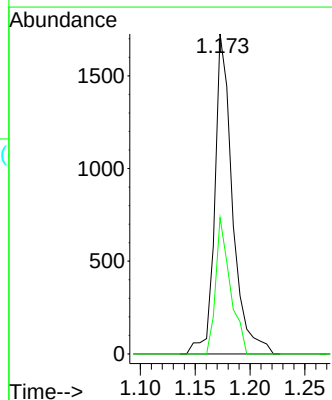
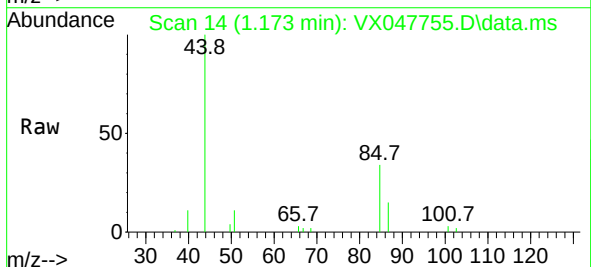
Manual Integrations  
APPROVED

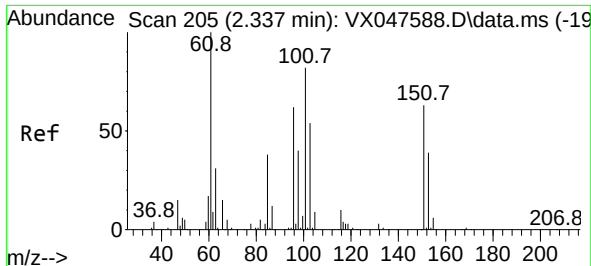
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#2  
Dichlorodifluoromethane  
Concen: 1.388 ug/l  
RT: 1.173 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VX047755.D  
Acq: 24 Sep 2025 06:37

Tgt Ion: 85 Resp: 1941  
Ion Ratio Lower Upper  
85 100  
87 42.6 15.8 47.3





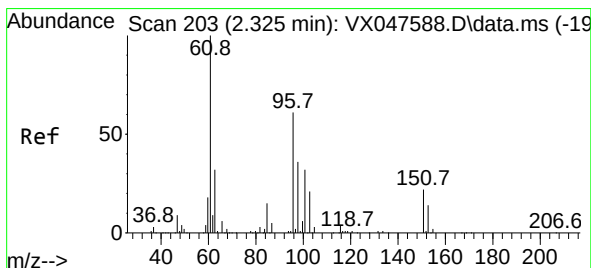
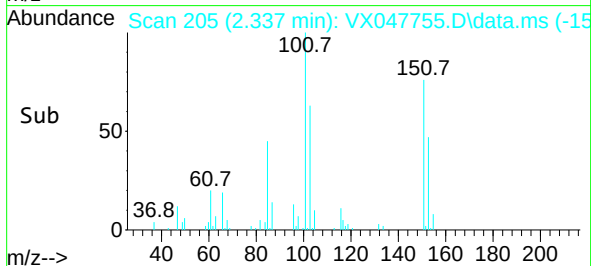
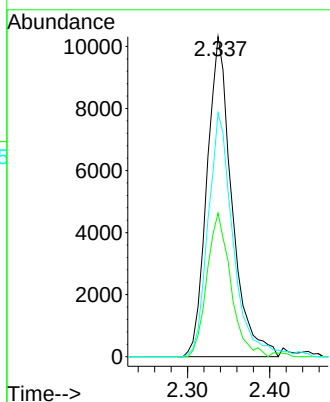
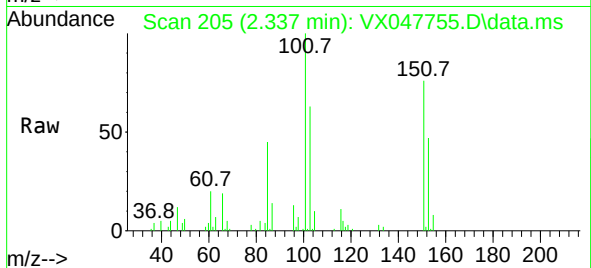
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 13.913 ug/l  
RT: 2.337 min Scan# 205  
Delta R.T. -0.000 min  
Lab File: VX047755.D  
Acq: 24 Sep 2025 06:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
TT101D-20250915

Tgt Ion:101 Resp: 2173  
Ion Ratio Lower Upper  
101 100  
85 42.6 35.5 53.3  
151 76.2 59.4 89.0

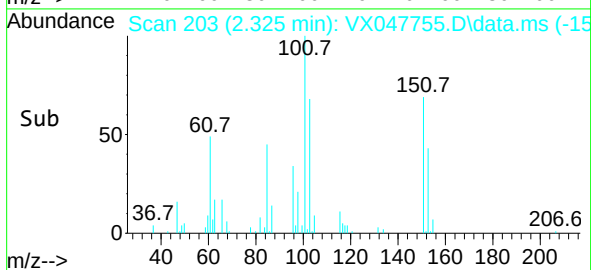
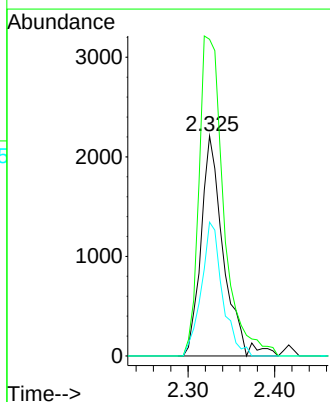
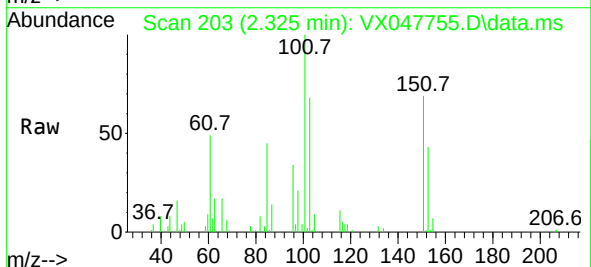
Manual Integrations  
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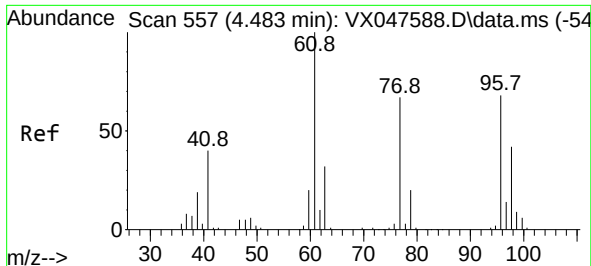
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#12  
1,1-Dichloroethene  
Concen: 2.475 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. -0.000 min  
Lab File: VX047755.D  
Acq: 24 Sep 2025 06:37

Tgt Ion: 96 Resp: 3971  
Ion Ratio Lower Upper  
96 100  
61 144.0 131.0 196.6  
98 60.8 47.7 71.5





#27

cis-1,2-Dichloroethene

Concen: 3.721 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX047755.D

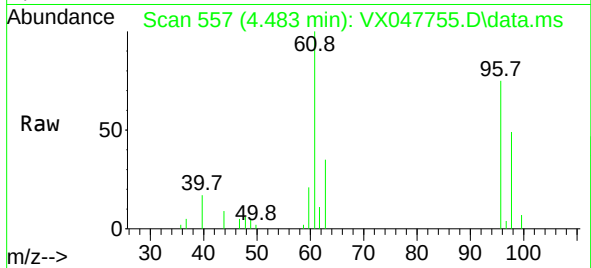
Acq: 24 Sep 2025 06:37

Instrument :

MSVOA\_X

ClientSampleId :

TT101D-20250915



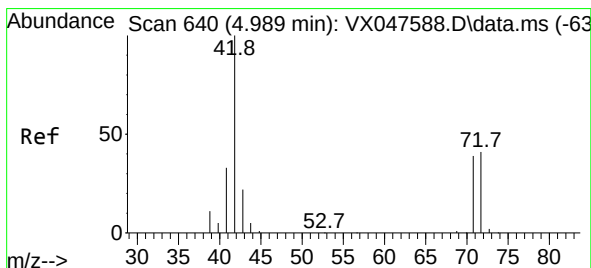
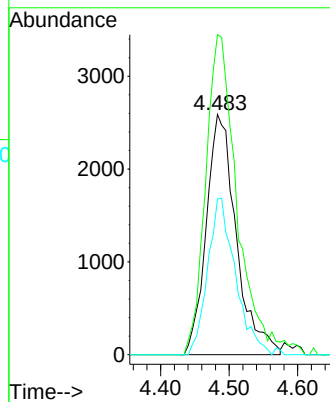
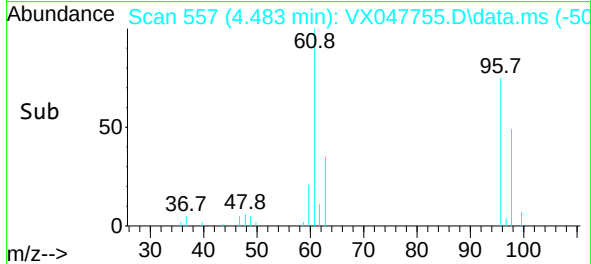
| Tgt Ion: | 96    | Resp: | 787   |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 140.3 | 0.0   | 303.2 |
| 98       | 60.1  | 0.0   | 127.8 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#29

Tetrahydrofuran

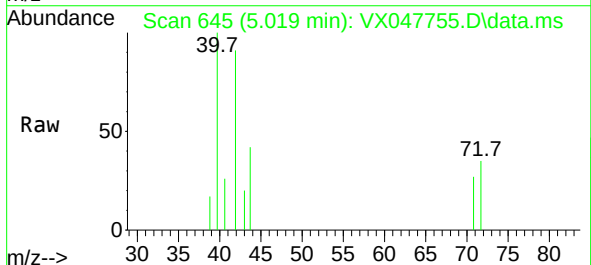
Concen: 2.898 ug/l

RT: 5.019 min Scan# 645

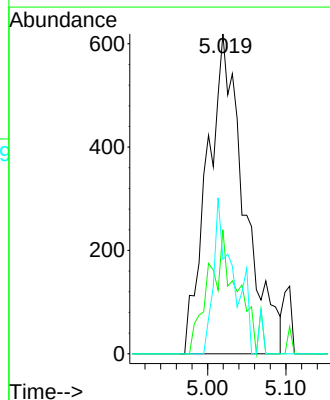
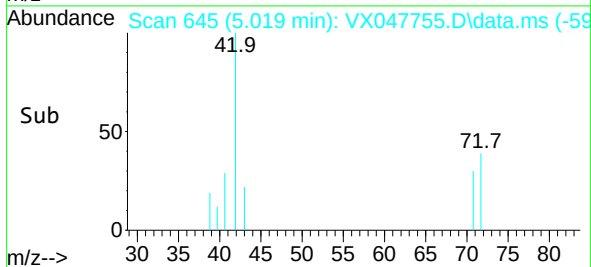
Delta R.T. 0.030 min

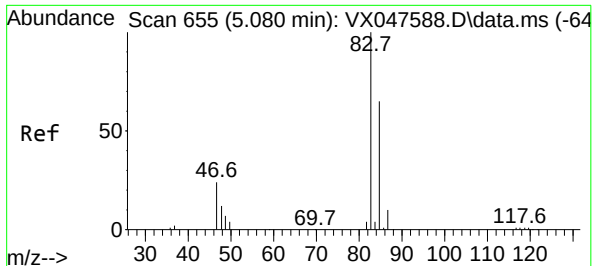
Lab File: VX047755.D

Acq: 24 Sep 2025 06:37



| Tgt Ion: | 42    | Resp: | 2033  |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 30.5  | 34.2  | 51.2# |
| 71       | 25.6  | 31.9  | 47.9# |





#30

Chloroform

Concen: 0.522 ug/l m

RT: 5.093 min Scan# 655

Delta R.T. 0.012 min

Lab File: VX047755.D

Acq: 24 Sep 2025 06:37

Instrument :

MSVOA\_X

ClientSampleId :

TT101D-20250915

Tgt Ion: 83 Resp: 1799

Ion Ratio Lower Upper

83 100

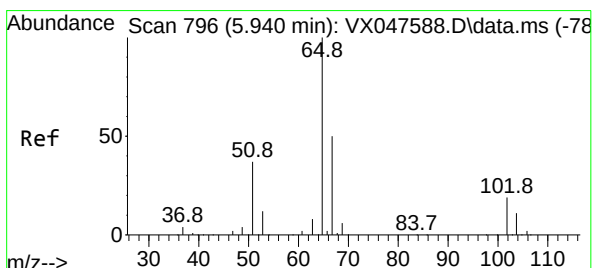
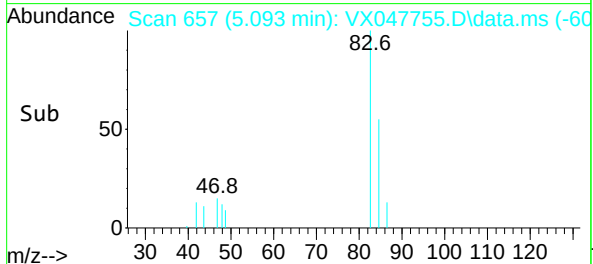
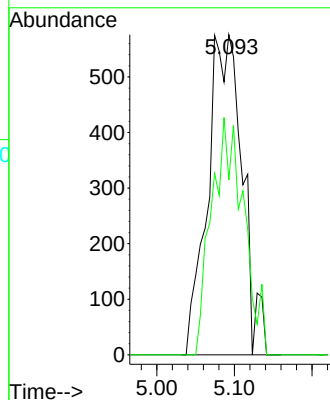
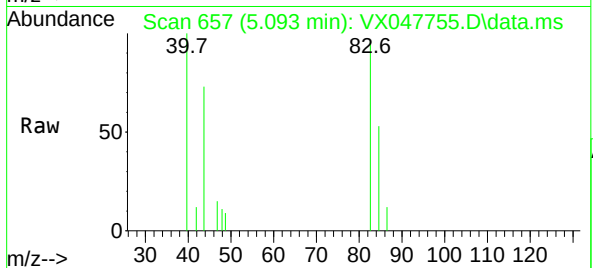
85 54.7 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#33

1,2-Dichloroethane-d4

Concen: 54.325 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX047755.D

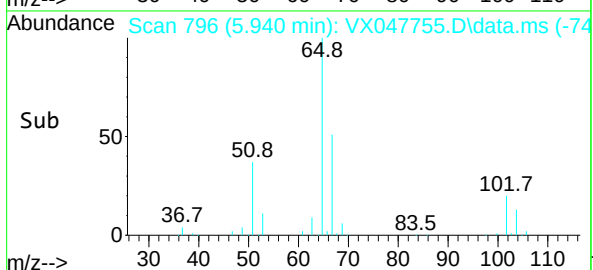
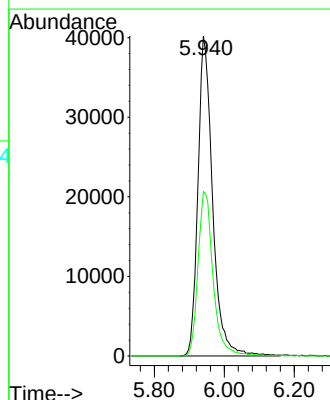
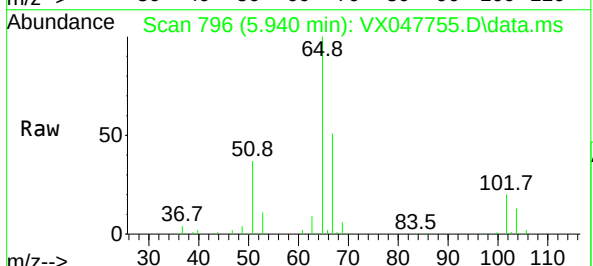
Acq: 24 Sep 2025 06:37

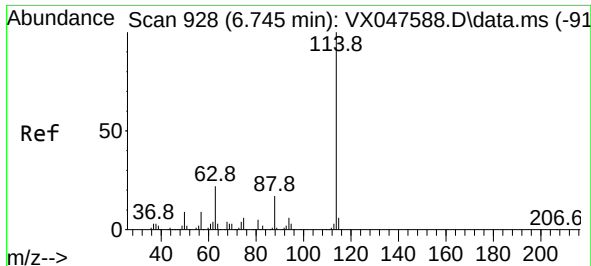
Tgt Ion: 65 Resp: 116784

Ion Ratio Lower Upper

65 100

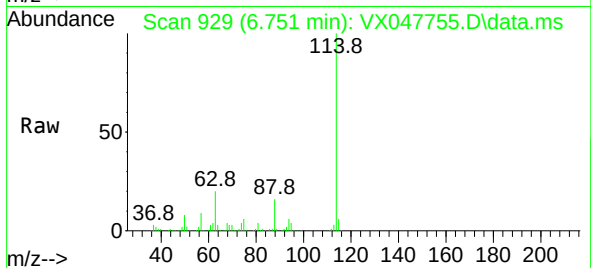
67 52.7 0.0 103.0





#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.751 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VX047755.D  
Acq: 24 Sep 2025 06:37

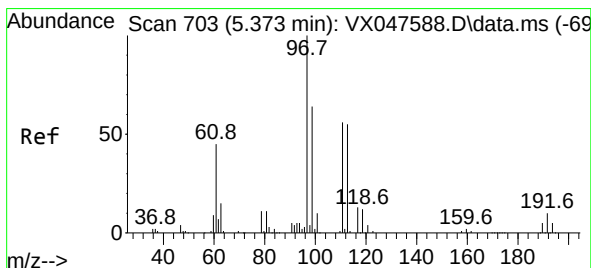
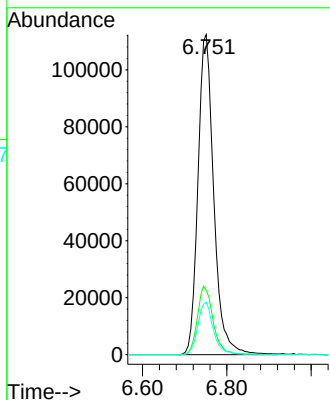
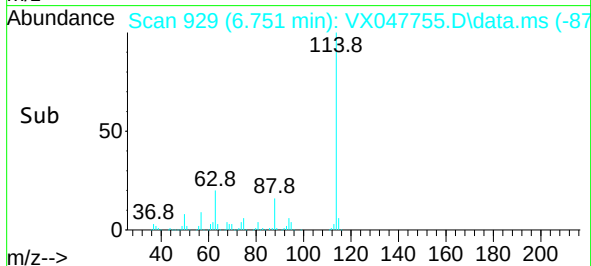
Instrument :  
MSVOA\_X  
ClientSampleId :  
TT101D-20250915



Tgt Ion:114 Resp: 293558  
Ion Ratio Lower Upper  
114 100  
63 20.2 0.0 44.0  
88 16.4 0.0 34.2

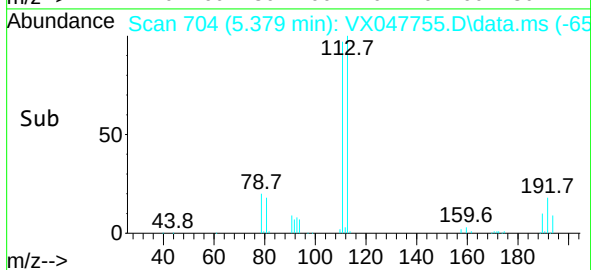
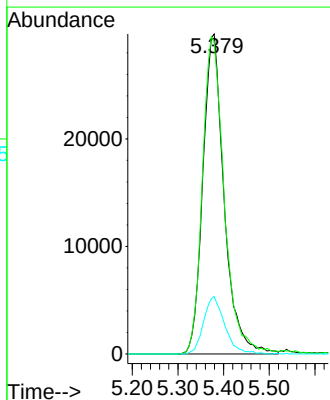
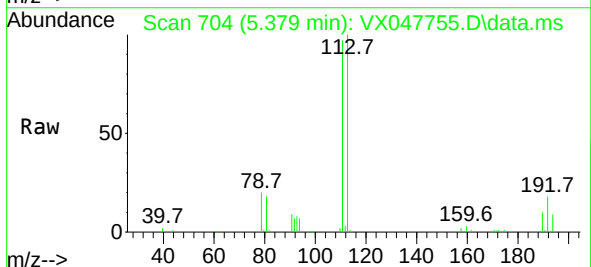
Manual Integrations  
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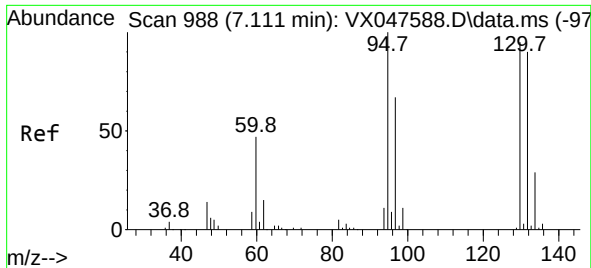
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#35  
Dibromofluoromethane  
Concen: 48.740 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. 0.006 min  
Lab File: VX047755.D  
Acq: 24 Sep 2025 06:37

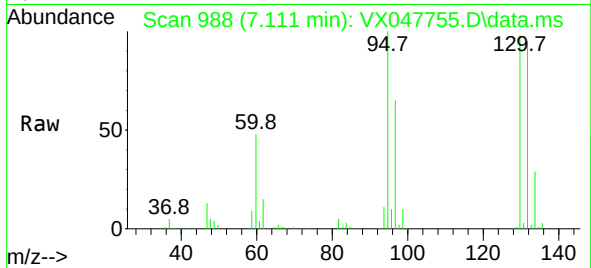
Tgt Ion:113 Resp: 95958  
Ion Ratio Lower Upper  
113 100  
111 101.9 80.9 121.3  
192 17.8 14.2 21.4





#44  
Trichloroethene  
Concen: 127.162 ug/l  
RT: 7.111 min Scan# 988  
Delta R.T. -0.000 min  
Lab File: VX047755.D  
Acq: 24 Sep 2025 06:37

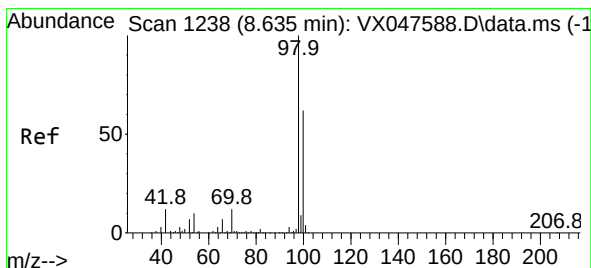
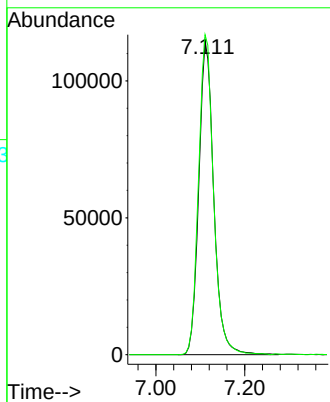
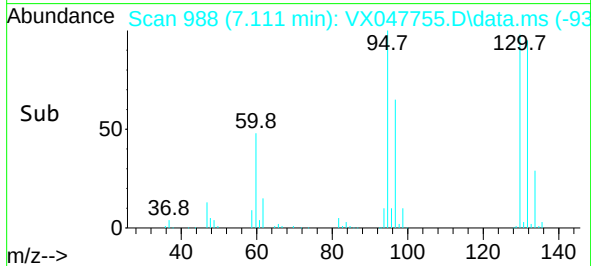
Instrument :  
MSVOA\_X  
ClientSampleId :  
TT101D-20250915



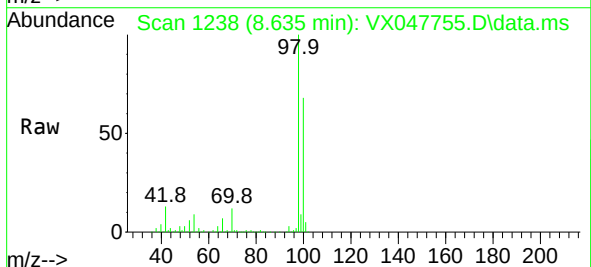
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Ion Ratio Lower Upper  
130 100  
95 102.0 0.0 210.8

Manual Integrations  
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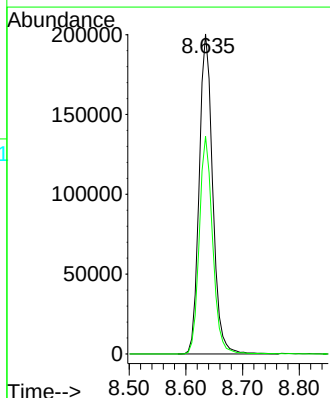
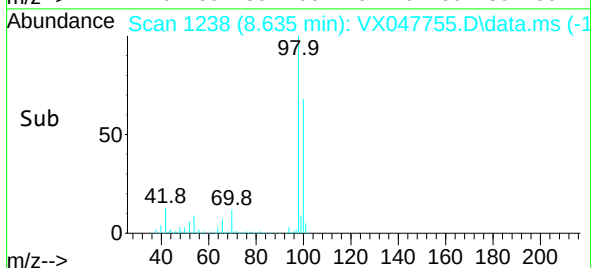
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



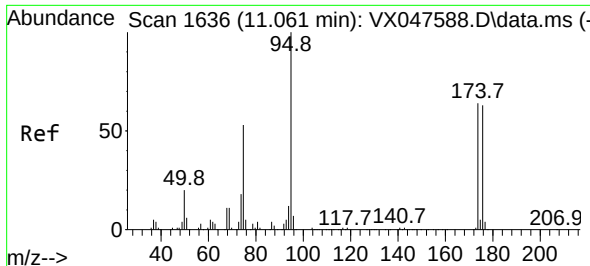
#50  
Toluene-d8  
Concen: 48.576 ug/l  
RT: 8.635 min Scan# 1238  
Delta R.T. -0.000 min  
Lab File: VX047755.D  
Acq: 24 Sep 2025 06:37



Tgt Ion: 98 Resp: 330914  
Ion Ratio Lower Upper  
98 100  
100 67.0 53.0 79.4

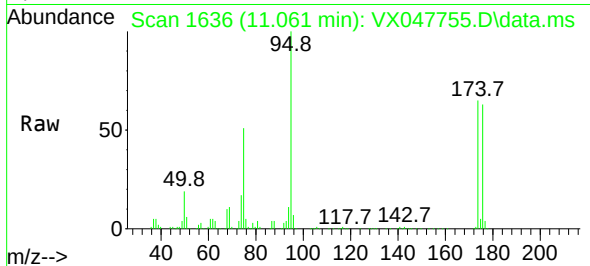






#62  
4-Bromofluorobenzene  
Concen: 55.252 ug/l  
RT: 11.061 min Scan# 1636  
Delta R.T. -0.000 min  
Lab File: VX047755.D  
Acq: 24 Sep 2025 06:37

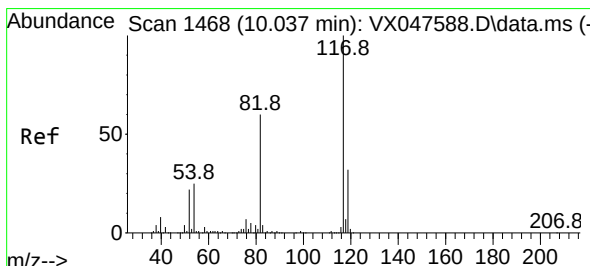
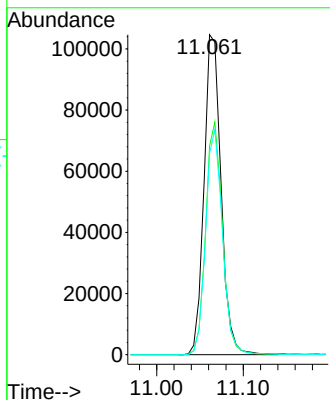
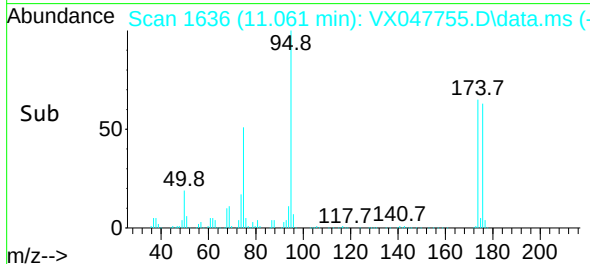
Instrument :  
MSVOA\_X  
ClientSampleId :  
TT101D-20250915



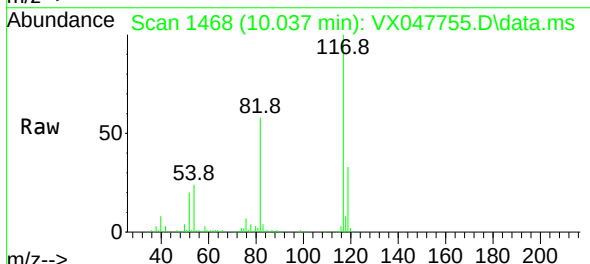
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Ion Ratio Lower Upper  
95 100  
174 72.1 0.0 141.6  
176 69.8 0.0 138.4

Manual Integrations  
APPROVED

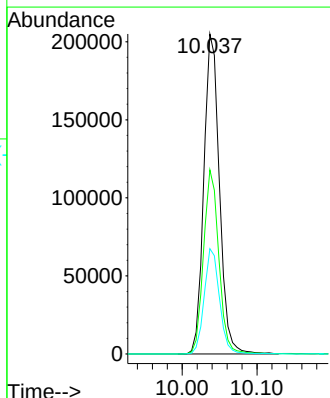
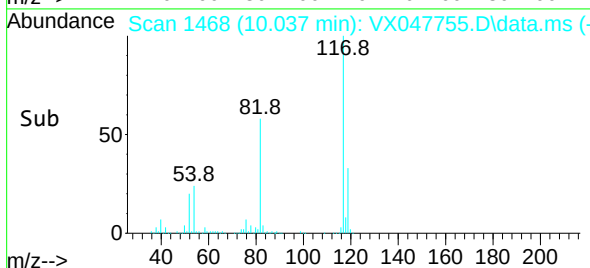
Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025

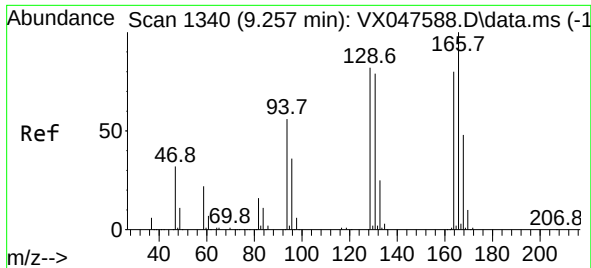


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.037 min Scan# 1468  
Delta R.T. -0.000 min  
Lab File: VX047755.D  
Acq: 24 Sep 2025 06:37



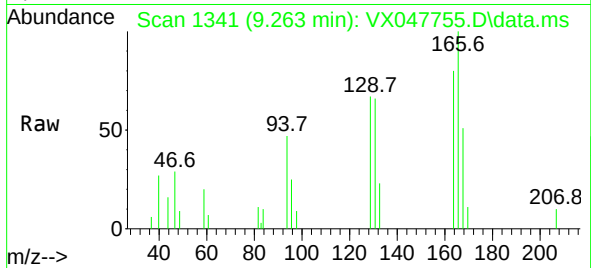
Tgt Ion:117 Resp: 297268  
Ion Ratio Lower Upper  
117 100  
82 57.6 47.8 71.6  
119 32.9 25.2 37.8





#64  
Tetrachloroethene  
Concen: 1.247 ug/l  
RT: 9.263 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX047755.D  
Acq: 24 Sep 2025 06:37

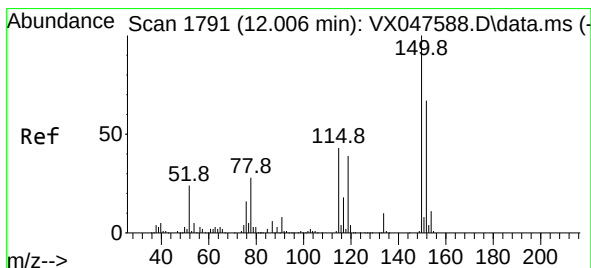
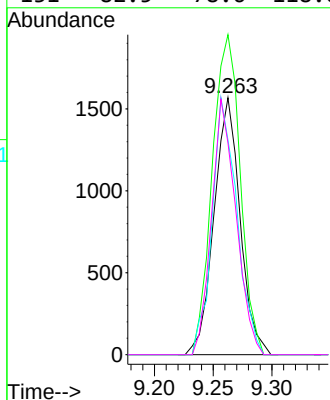
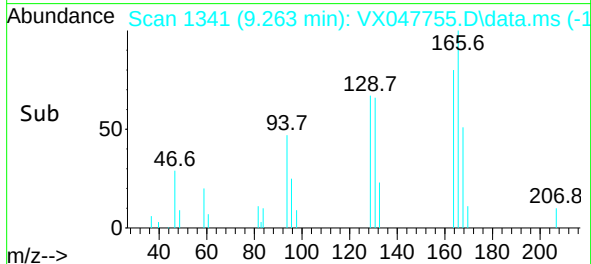
Instrument :  
MSVOA\_X  
ClientSampleId :  
TT101D-20250915



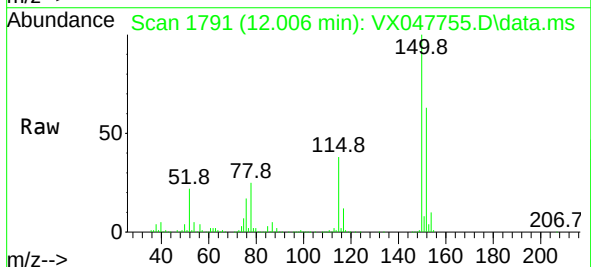
Tgt Ion:164 Resp: 241  
Ion Ratio Lower Upper  
164 100  
166 124.6 100.2 150.2  
129 83.5 81.8 122.6  
131 82.5 78.6 118.0

Manual Integrations  
APPROVED

Reviewed By :John Carlone 09/24/2025  
Supervised By :Mahesh Dadoda 09/26/2025



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VX047755.D  
Acq: 24 Sep 2025 06:37



Tgt Ion:152 Resp: 153772  
Ion Ratio Lower Upper  
152 100  
115 62.1 44.9 134.5  
150 156.6 0.0 352.0

