

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121125\  
 Data File : VX048830.D  
 Acq On : 11 Dec 2025 16:39  
 Operator : JC/MD  
 Sample : Q3835-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-11A-13.5-121025

Quant Time: Dec 11 23:52:59 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X120425W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 05 03:27:34 2025  
 Response via : Initial Calibration

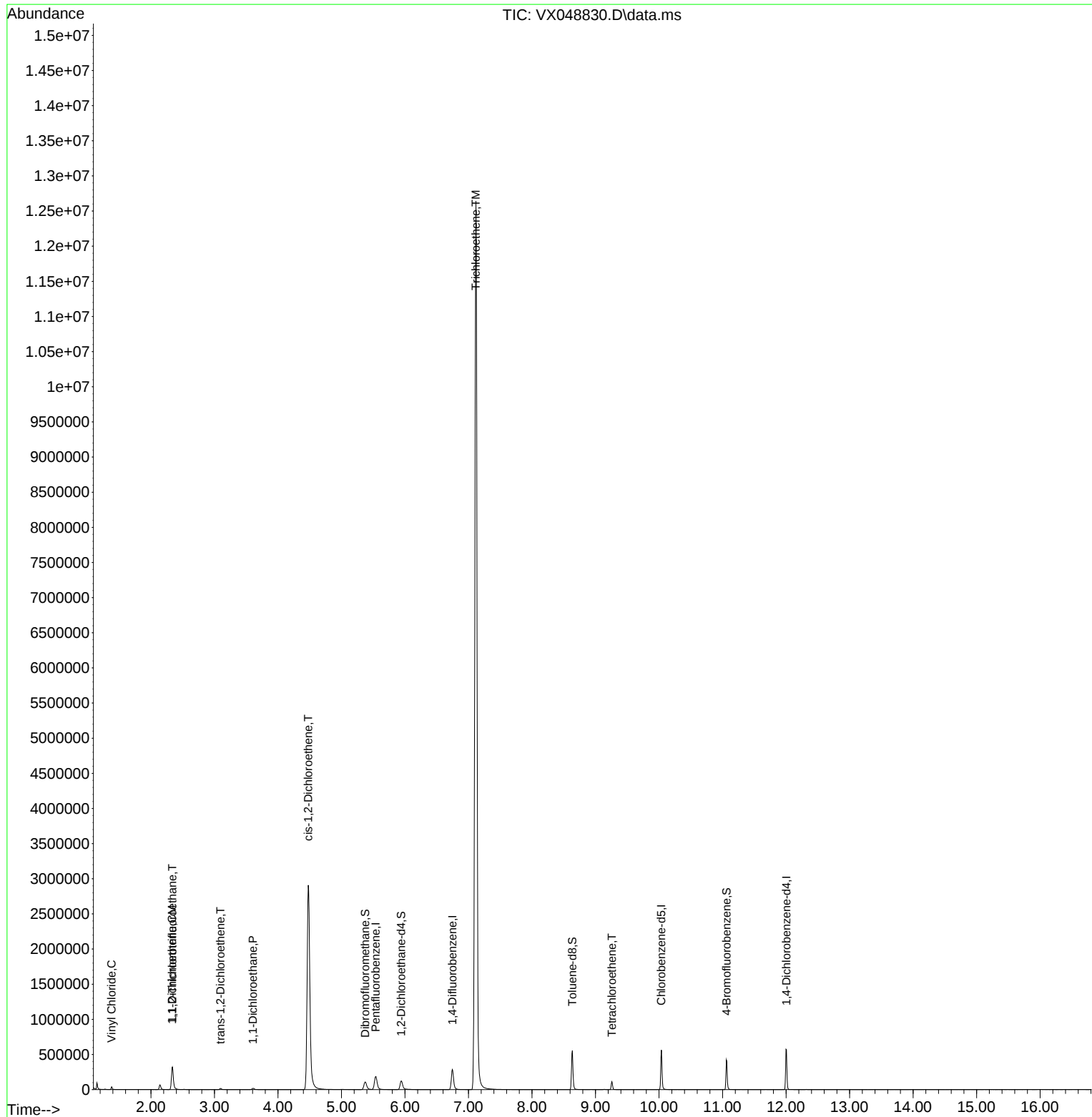
| Compound                     | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|------------------------------|-----------|-------|----------|----------|--------|----------|
| -----                        |           |       |          |          |        |          |
| Internal Standards           |           |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.538     | 168   | 195889   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.745     | 114   | 321296   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.037    | 117   | 267936   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.006    | 152   | 130810   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.940     | 65    | 137460   | 52.282   | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range | 78 - 117 | Recovery | =      | 104.560% |
| 35) Dibromofluoromethane     | 5.373     | 113   | 107920   | 48.783   | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range | 75 - 124 | Recovery | =      | 97.560%  |
| 50) Toluene-d8               | 8.635     | 98    | 351163   | 45.284   | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range | 92 - 112 | Recovery | =      | 90.560%# |
| 62) 4-Bromofluorobenzene     | 11.061    | 95    | 120744   | 45.154   | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range | 83 - 123 | Recovery | =      | 90.300%  |
| Target Compounds             |           |       |          |          |        |          |
|                              |           |       |          |          |        | Qvalue   |
| 4) Vinyl Chloride            | 1.380     | 62    | 28195    | 10.511   | ug/l   | 95       |
| 9) 1,1,2-Trichlorotrifluo... | 2.337     | 101   | 133649   | 59.968   | ug/l   | 98       |
| 12) 1,1-Dichloroethene       | 2.331     | 96    | 19002    | 8.354    | ug/l   | 93       |
| 21) trans-1,2-Dichloroethene | 3.093     | 96    | 8213     | 3.538    | ug/l # | 78       |
| 24) 1,1-Dichloroethane       | 3.605     | 63    | 23883    | 6.001    | ug/l   | 97       |
| 27) cis-1,2-Dichloroethene   | 4.477     | 96    | 2108976  | 805.024  | ug/l   | 95       |
| 44) Trichloroethene          | 7.117     | 130   | 5474685  | 2335.909 | ug/l   | 91       |
| 64) Tetrachloroethene        | 9.256     | 164   | 23337    | 11.949   | ug/l   | 98       |
| -----                        |           |       |          |          |        |          |

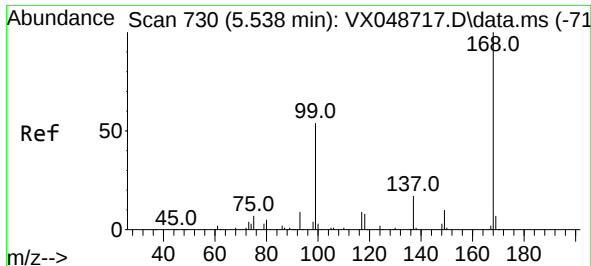
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121125\  
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Sample : Q3835-01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11A-13.5-121025

Quant Time: Dec 11 23:52:59 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X120425W.M  
Quant Title : SW846 8260  
QLast Update : Fri Dec 05 03:27:34 2025  
Response via : Initial Calibration

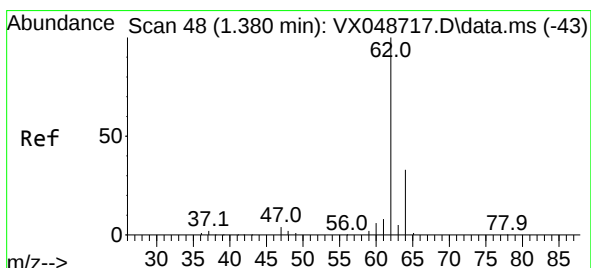
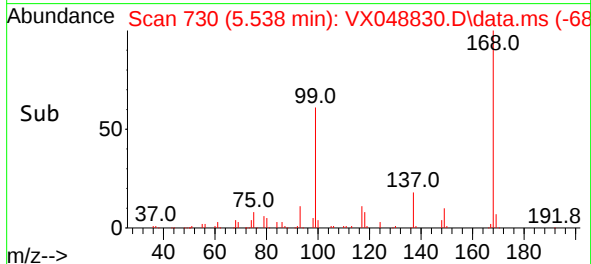
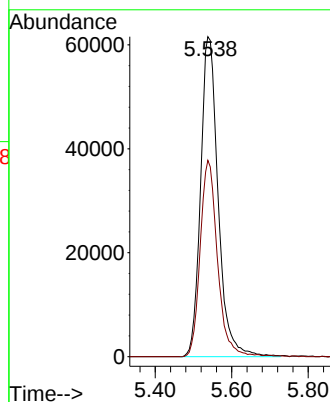
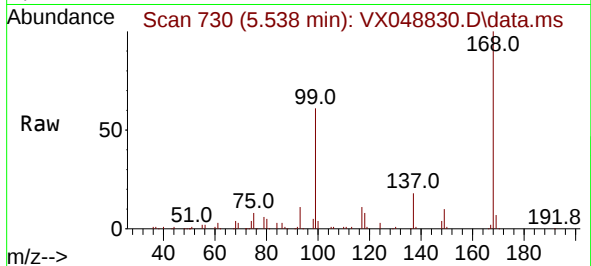




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.538 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX048830.D  
Acq: 11 Dec 2025 16:39

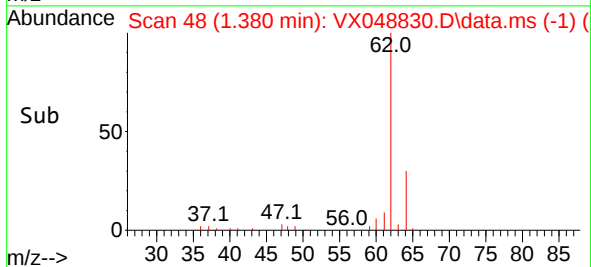
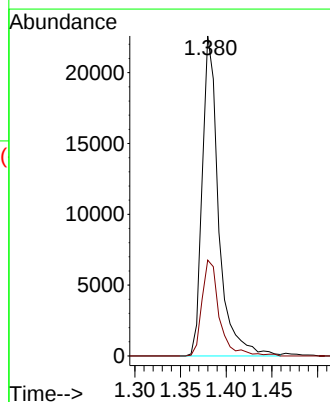
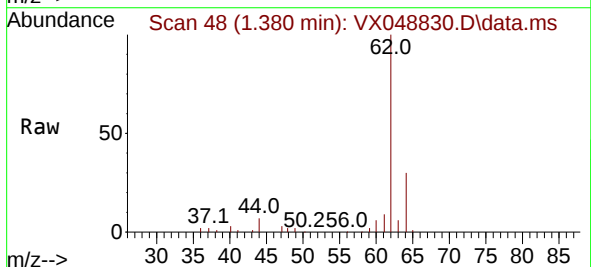
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11A-13.5-121025

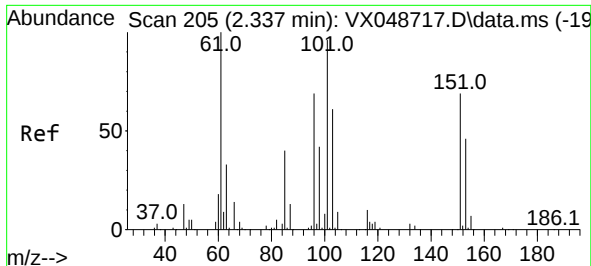
Tgt Ion:168 Resp: 195889  
Ion Ratio Lower Upper  
168 100  
99 61.4 44.2 66.4



#4  
Vinyl Chloride  
Concen: 10.511 ug/l  
RT: 1.380 min Scan# 48  
Delta R.T. -0.000 min  
Lab File: VX048830.D  
Acq: 11 Dec 2025 16:39

Tgt Ion: 62 Resp: 28195  
Ion Ratio Lower Upper  
62 100  
64 30.0 26.0 39.0

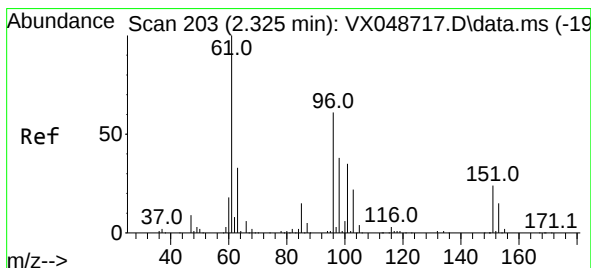
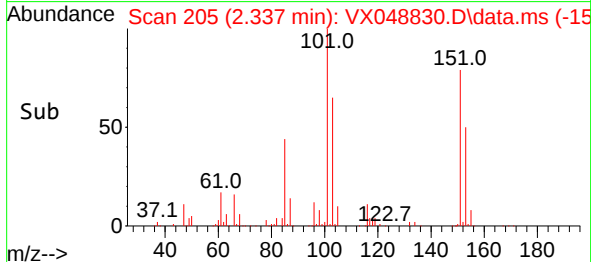
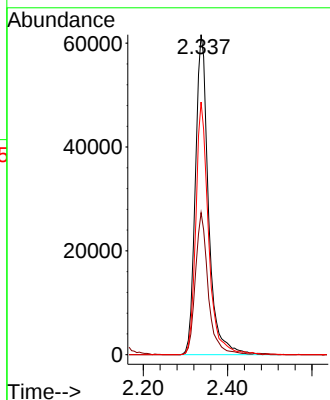
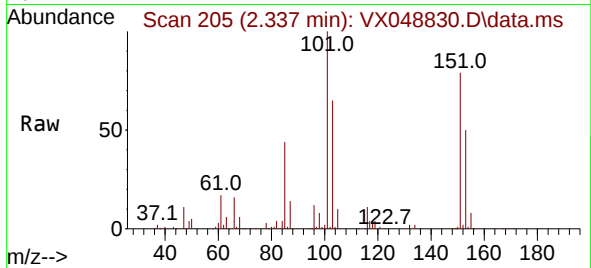




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 59.968 ug/l  
 RT: 2.337 min Scan# 205  
 Delta R.T. -0.000 min  
 Lab File: VX048830.D  
 Acq: 11 Dec 2025 16:39

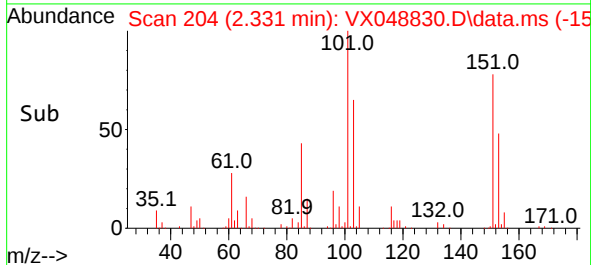
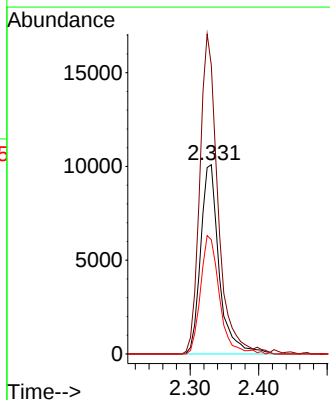
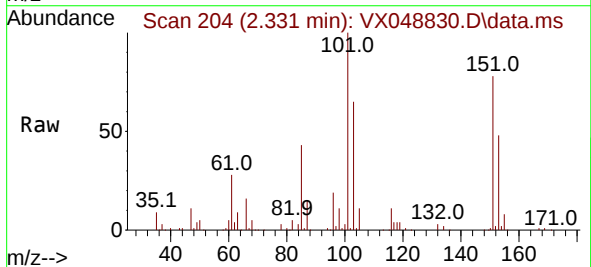
Instrument :  
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 ClientSampleId :  
 MW-11A-13.5-121025

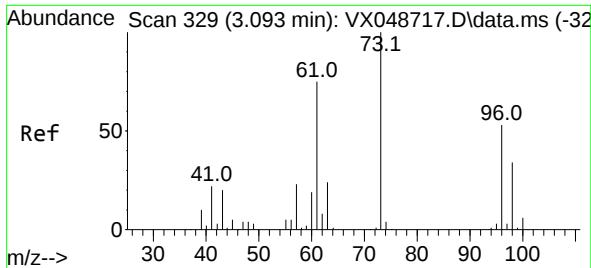
Tgt Ion:101 Resp: 133649  
 Ion Ratio Lower Upper  
 101 100  
 85 43.4 34.2 51.2  
 151 76.9 60.2 90.4



#12  
 1,1-Dichloroethene  
 Concen: 8.354 ug/l  
 RT: 2.331 min Scan# 204  
 Delta R.T. 0.006 min  
 Lab File: VX048830.D  
 Acq: 11 Dec 2025 16:39

Tgt Ion: 96 Resp: 19002  
 Ion Ratio Lower Upper  
 96 100  
 61 152.4 130.7 196.1  
 98 60.4 49.8 74.8

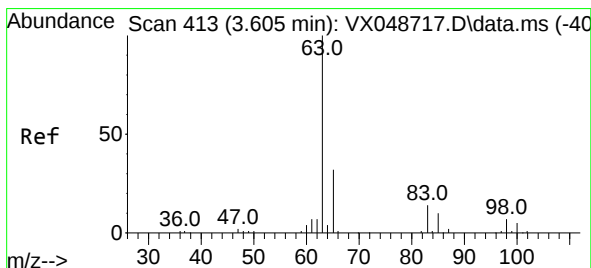
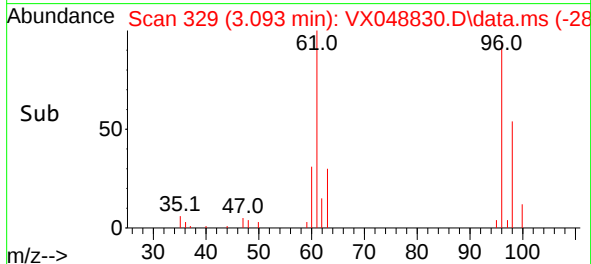
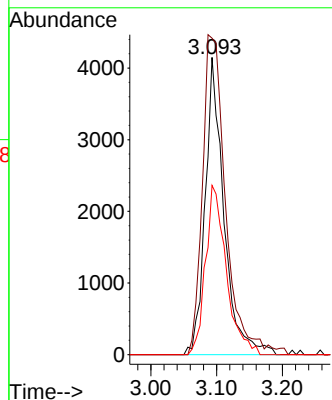
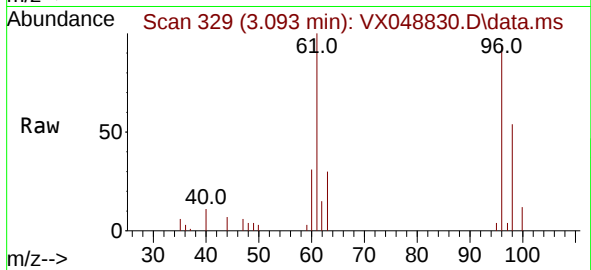




#21  
trans-1,2-Dichloroethene  
Concen: 3.538 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX048830.D  
Acq: 11 Dec 2025 16:39

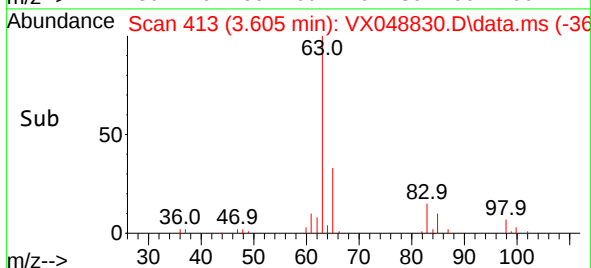
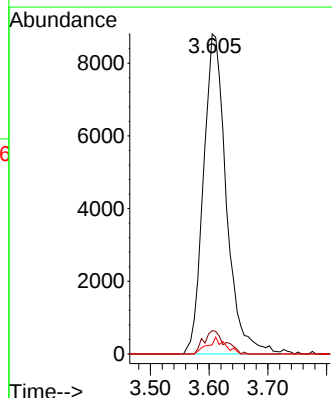
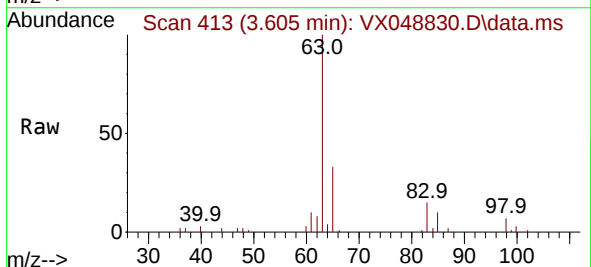
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11A-13.5-121025

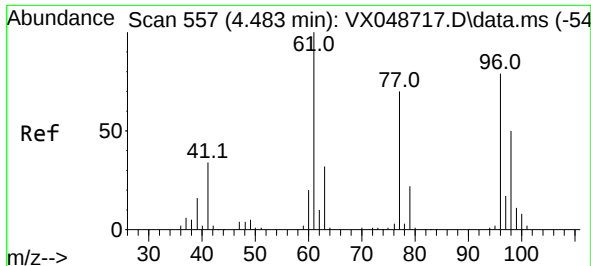
Tgt Ion: 96 Resp: 8213  
Ion Ratio Lower Upper  
96 100  
61 106.4 112.8 169.2#  
98 57.0 51.0 76.4



#24  
1,1-Dichloroethane  
Concen: 6.001 ug/l  
RT: 3.605 min Scan# 413  
Delta R.T. -0.000 min  
Lab File: VX048830.D  
Acq: 11 Dec 2025 16:39

Tgt Ion: 63 Resp: 23883  
Ion Ratio Lower Upper  
63 100  
98 7.3 3.5 10.6  
100 2.9 2.5 7.4



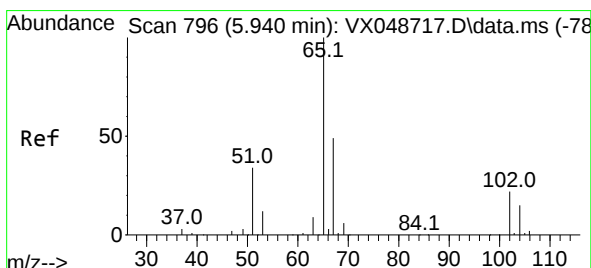
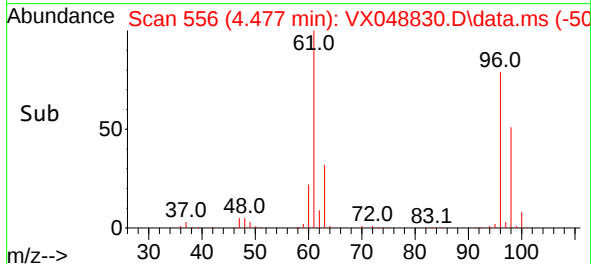
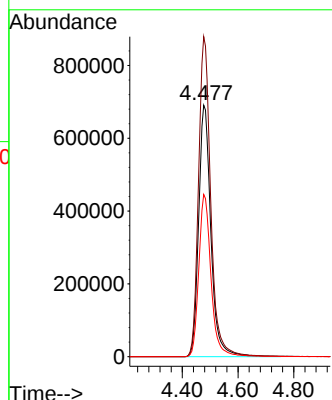
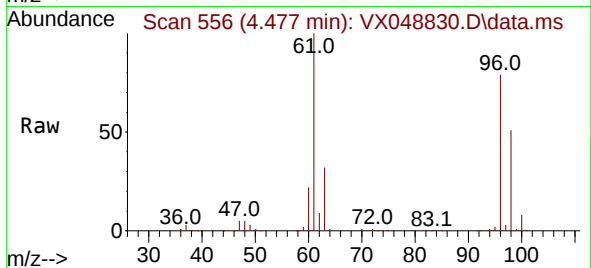


#27  
 cis-1,2-Dichloroethene  
 Concen: 805.024 ug/l  
 RT: 4.477 min Scan# 51  
 Delta R.T. -0.006 min  
 Lab File: VX048830.D  
 Acq: 11 Dec 2025 16:39

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-11A-13.5-121025

Tgt Ion: 96 Resp: 2108976  

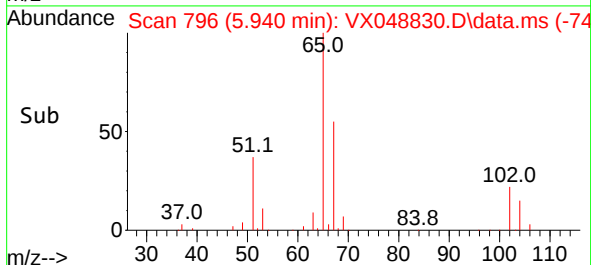
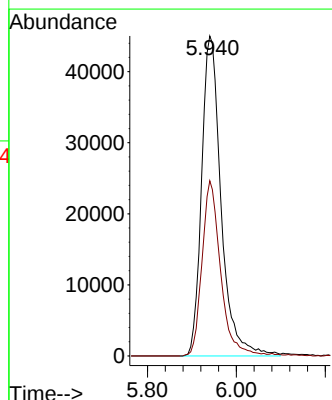
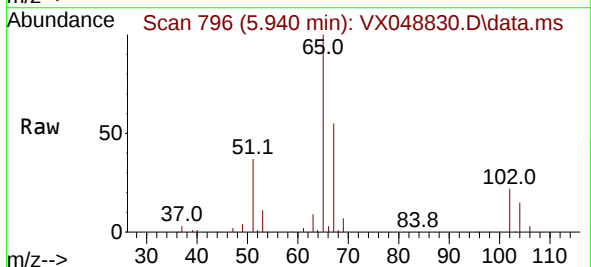
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 126.9 | 0.0   | 271.0 |
| 98  | 64.4  | 0.0   | 130.2 |

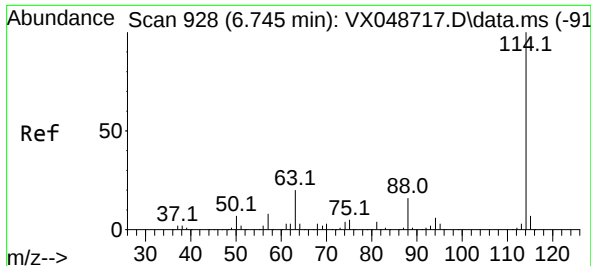


#33  
 1,2-Dichloroethane-d4  
 Concen: 52.282 ug/l  
 RT: 5.940 min Scan# 796  
 Delta R.T. -0.000 min  
 Lab File: VX048830.D  
 Acq: 11 Dec 2025 16:39

Tgt Ion: 65 Resp: 137460  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 52.1  | 0.0   | 107.4 |

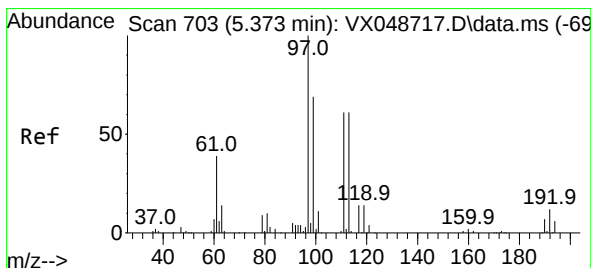
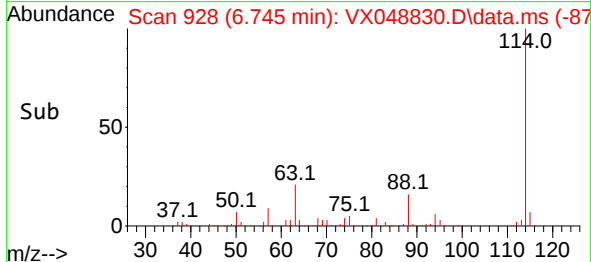
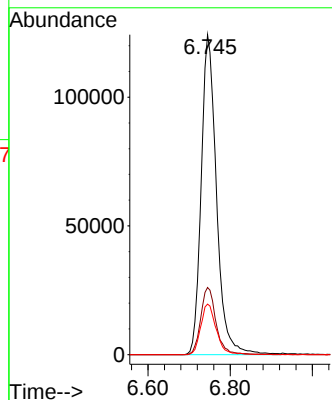
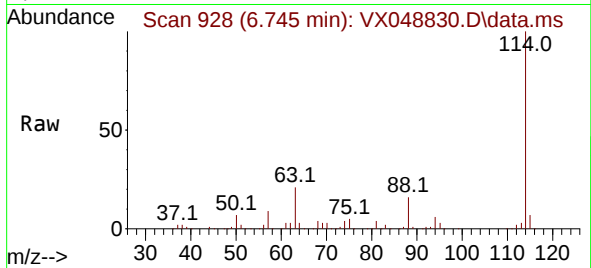




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.745 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX048830.D  
Acq: 11 Dec 2025 16:39

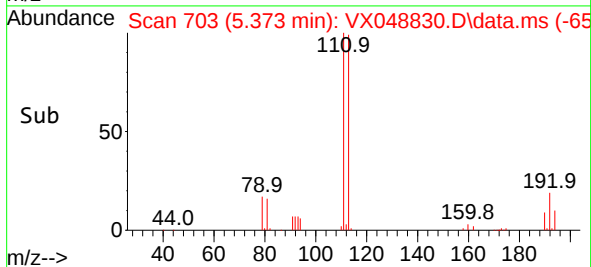
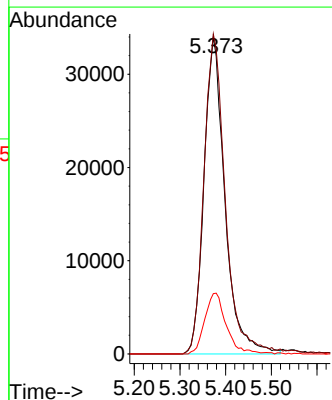
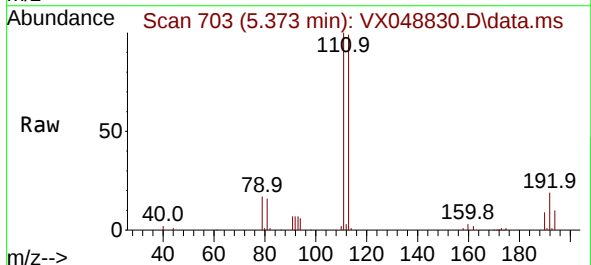
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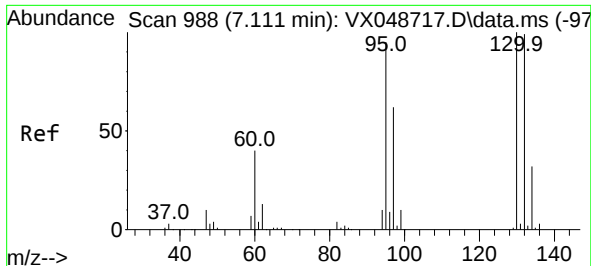
Tgt Ion:114 Resp: 321296  
Ion Ratio Lower Upper  
114 100  
63 21.0 0.0 39.0  
88 15.8 0.0 31.8



#35  
Dibromofluoromethane  
Concen: 48.783 ug/l  
RT: 5.373 min Scan# 703  
Delta R.T. -0.000 min  
Lab File: VX048830.D  
Acq: 11 Dec 2025 16:39

Tgt Ion:113 Resp: 107920  
Ion Ratio Lower Upper  
113 100  
111 102.8 79.5 119.3  
192 19.7 16.1 24.1

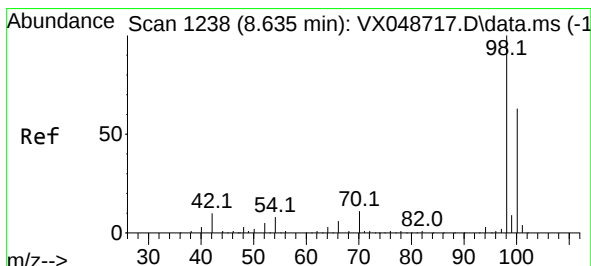
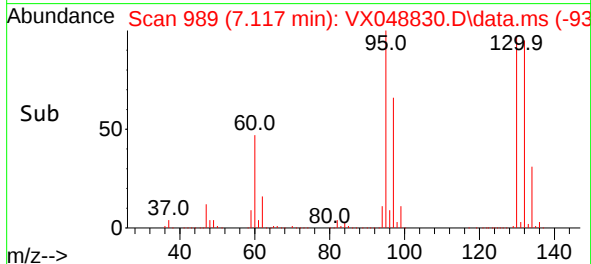
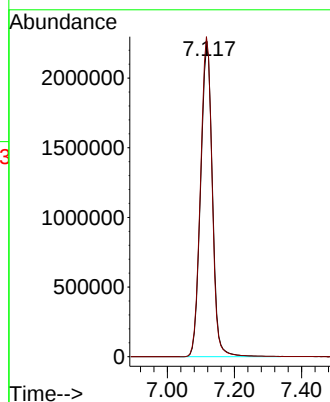
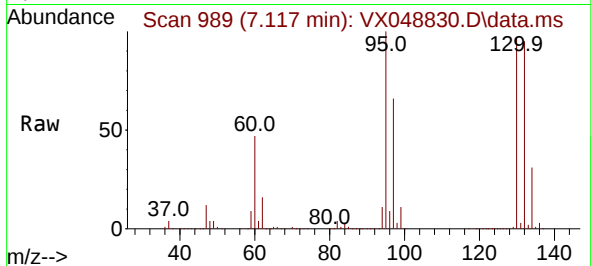




#44  
Trichloroethene  
Concen: 2335.909 ug/l  
RT: 7.117 min Scan# 989  
Delta R.T. 0.006 min  
Lab File: VX048830.D  
Acq: 11 Dec 2025 16:39

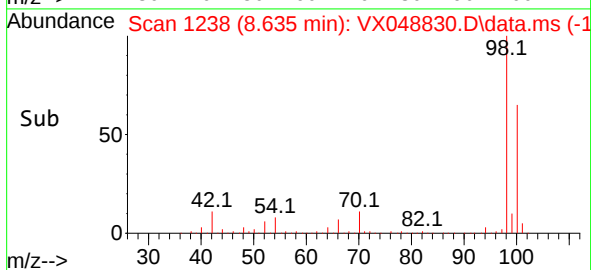
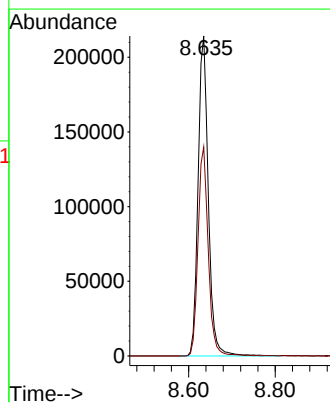
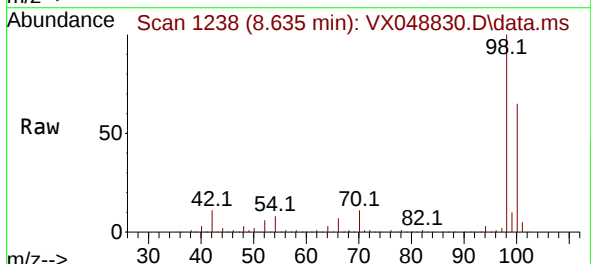
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11A-13.5-121025

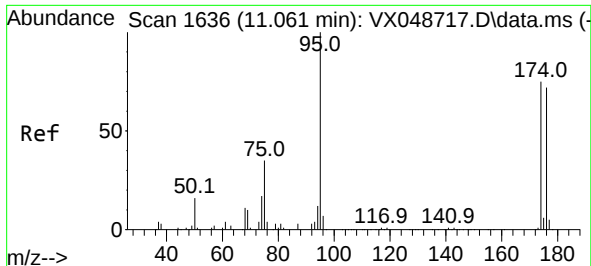
Tgt Ion:130 Resp: 5474685  
Ion Ratio Lower Upper  
130 100  
95 103.4 0.0 189.6



#50  
Toluene-d8  
Concen: 45.284 ug/l  
RT: 8.635 min Scan# 1238  
Delta R.T. -0.000 min  
Lab File: VX048830.D  
Acq: 11 Dec 2025 16:39

Tgt Ion: 98 Resp: 351163  
Ion Ratio Lower Upper  
98 100  
100 65.3 53.4 80.0





#62

4-Bromofluorobenzene

Concen: 45.154 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048830.D

Acq: 11 Dec 2025 16:39

Instrument :

MSVOA\_X

ClientSampleId :

MW-11A-13.5-121025

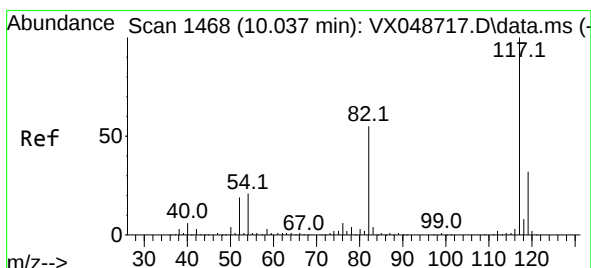
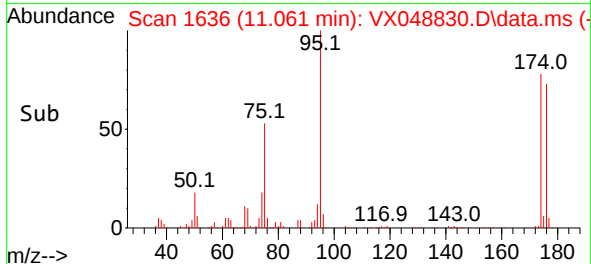
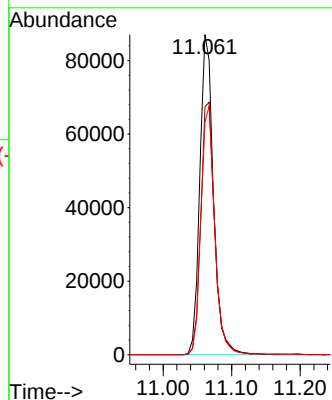
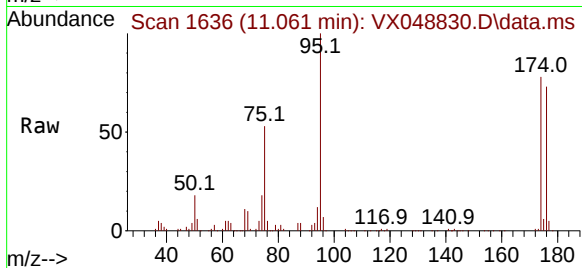
Tgt Ion: 95 Resp: 120744

Ion Ratio Lower Upper

95 100

174 80.5 0.0 157.8

176 78.6 0.0 154.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048830.D

Acq: 11 Dec 2025 16:39

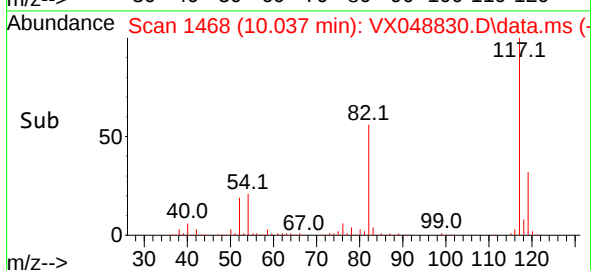
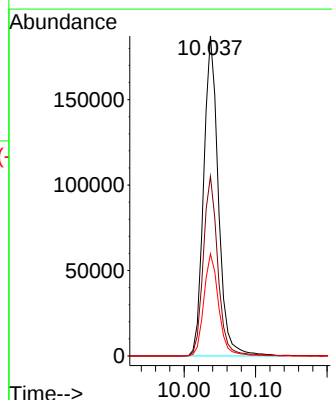
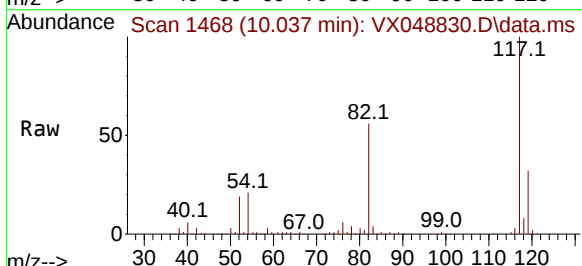
Tgt Ion: 117 Resp: 267936

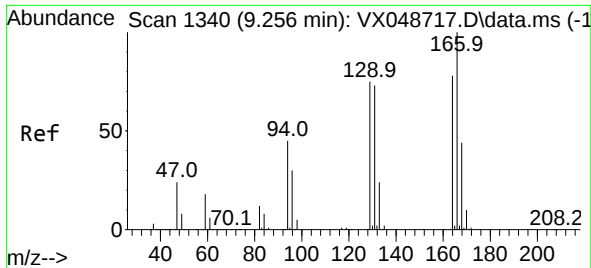
Ion Ratio Lower Upper

117 100

82 56.2 44.1 66.1

119 31.9 25.2 37.8

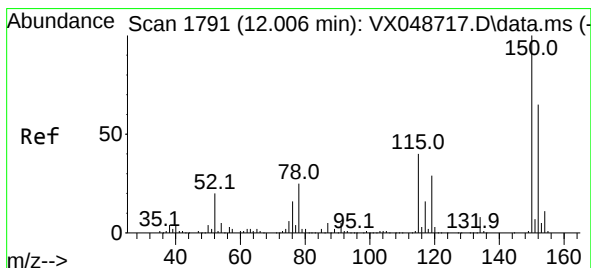
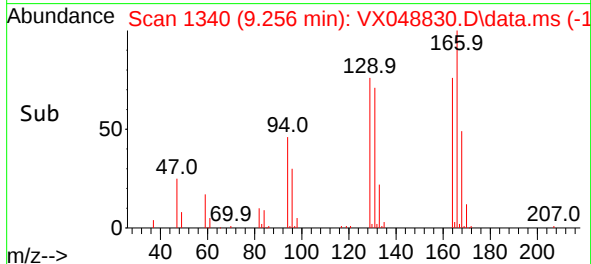
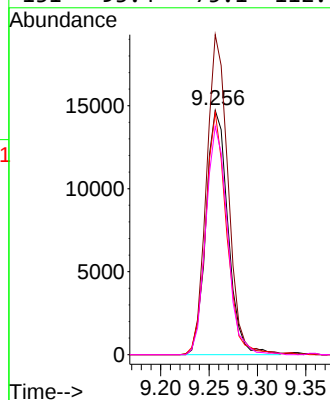
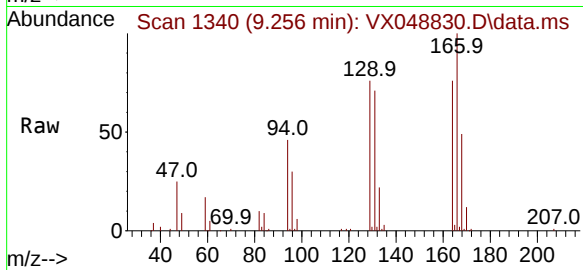




#64  
Tetrachloroethene  
Concen: 11.949 ug/l  
RT: 9.256 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX048830.D  
Acq: 11 Dec 2025 16:39

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11A-13.5-121025

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:164 | Resp: | 23337       |
| Ion Ratio   | Lower | Upper       |
| 164         | 100   |             |
| 166         | 130.9 | 103.1 154.7 |
| 129         | 99.2  | 76.9 115.3  |
| 131         | 93.4  | 75.1 112.7  |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VX048830.D  
Acq: 11 Dec 2025 16:39

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:152 | Resp: | 130810     |
| Ion Ratio   | Lower | Upper      |
| 152         | 100   |            |
| 115         | 59.4  | 42.1 126.4 |
| 150         | 158.4 | 0.0 347.8  |

