

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092425\  
 Data File : VX047779.D  
 Acq On : 24 Sep 2025 16:25  
 Operator : JC/MD  
 Sample : Q3097-22RE  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE134D1-20250912RE

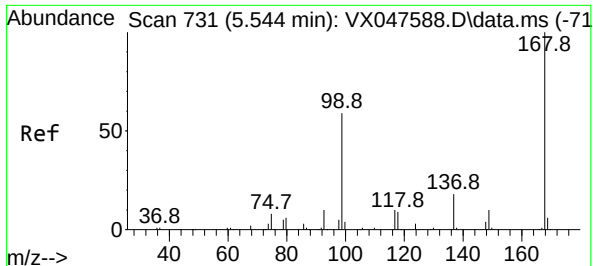
Quant Time: Sep 25 01:17:56 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091625W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 17 06:39:58 2025  
 Response via : Initial Calibration

| Compound                     | R.T. QIon |                | Response | Conc       | Units  | Dev(Min) |
|------------------------------|-----------|----------------|----------|------------|--------|----------|
| -----                        |           |                |          |            |        |          |
| Internal Standards           |           |                |          |            |        |          |
| 1) Pentafluorobenzene        | 5.537     | 168            | 144715   | 50.000     | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.744     | 114            | 306552   | 50.000     | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.037    | 117            | 309259   | 50.000     | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.006    | 152            | 159471   | 50.000     | ug/l   | 0.00     |
|                              |           |                |          |            |        |          |
| System Monitoring Compounds  |           |                |          |            |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.946     | 65             | 121447   | 52.723     | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range 78 - 117 | Recovery | = 105.440% |        |          |
| 35) Dibromofluoromethane     | 5.373     | 113            | 98658    | 47.988     | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range 75 - 124 | Recovery | = 95.980%  |        |          |
| 50) Toluene-d8               | 8.634     | 98             | 341193   | 47.962     | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range 92 - 112 | Recovery | = 95.920%  |        |          |
| 62) 4-Bromofluorobenzene     | 11.067    | 95             | 144848   | 53.651     | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range 83 - 123 | Recovery | = 107.300% |        |          |
|                              |           |                |          |            |        |          |
| Target Compounds             |           |                |          |            |        | Qvalue   |
| 9) 1,1,2-Trichlorotrifluo... | 2.343     | 101            | 505      | 0.302      | ug/l # | 78       |
| 16) Acetone                  | 2.385     | 43             | 1629     | 1.626      | ug/l   | 93       |
| 30) Chloroform               | 5.086     | 83             | 1367     | 0.370      | ug/l # | 63       |
| 44) Trichloroethene          | 7.122     | 130            | 7411     | 3.360      | ug/l   | 96       |
| 64) Tetrachloroethene        | 9.256     | 164            | 1220     | 0.605      | ug/l   | 86       |
| -----                        |           |                |          |            |        |          |

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

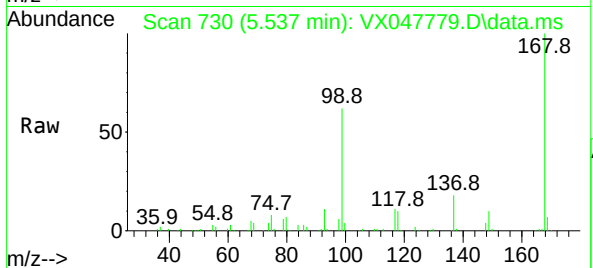
Quant Time: Sep 25 01:17:56 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091625W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 17 06:39:58 2025  
Response via : Initial Calibration



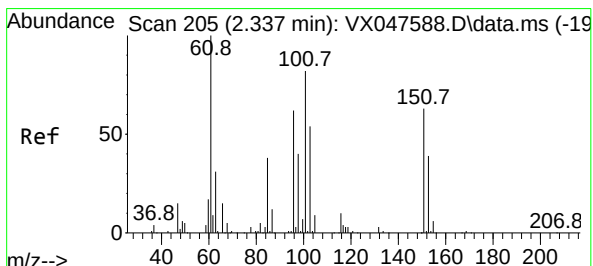
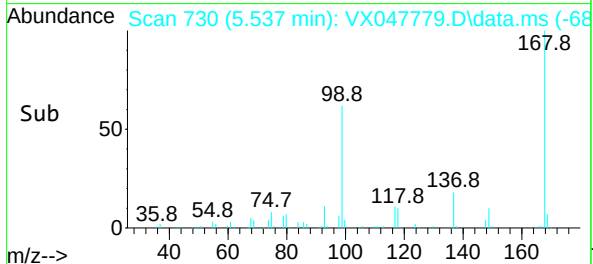
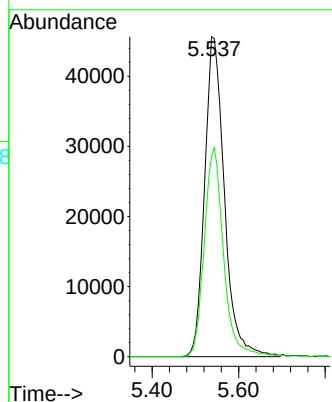


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.537 min Scan# 71  
Delta R.T. -0.007 min  
Lab File: VX047779.D  
Acq: 24 Sep 2025 16:25

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE134D1-20250912RE

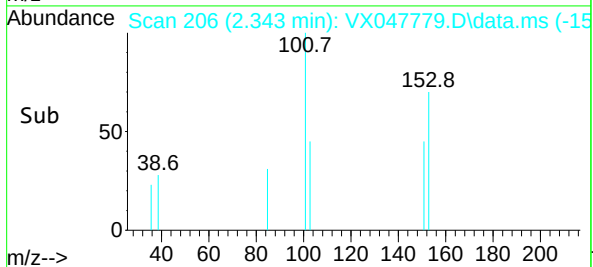
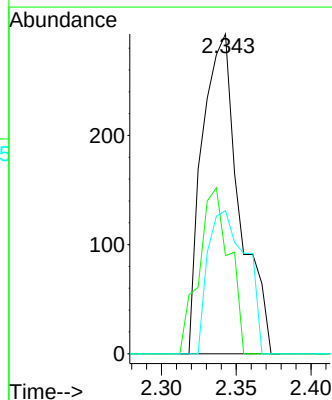
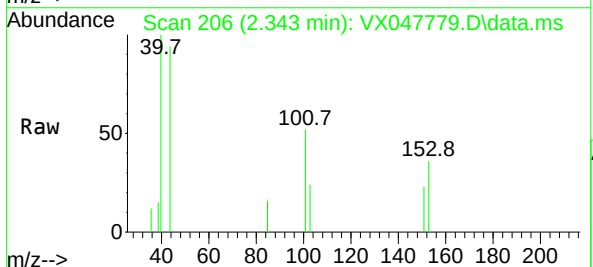


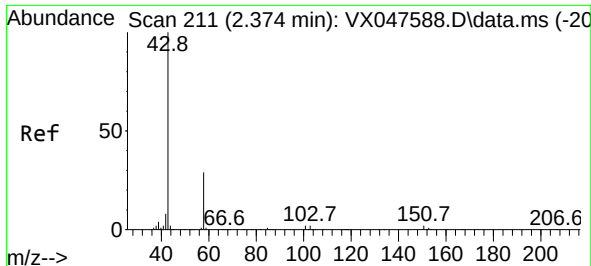
Tgt Ion:168 Resp: 144715  
Ion Ratio Lower Upper  
168 100  
99 62.5 48.8 73.2



#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 0.302 ug/l  
RT: 2.343 min Scan# 206  
Delta R.T. 0.006 min  
Lab File: VX047779.D  
Acq: 24 Sep 2025 16:25

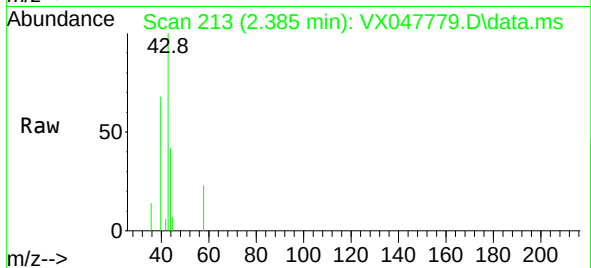
Tgt Ion:101 Resp: 505  
Ion Ratio Lower Upper  
101 100  
85 42.8 35.5 53.3  
151 46.1 59.4 89.0#



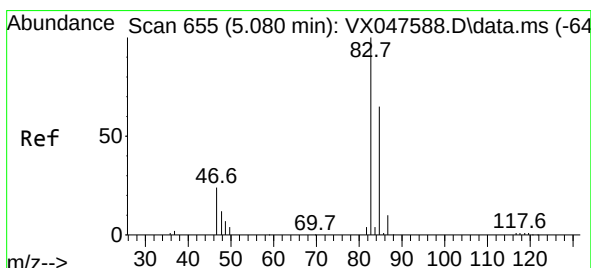
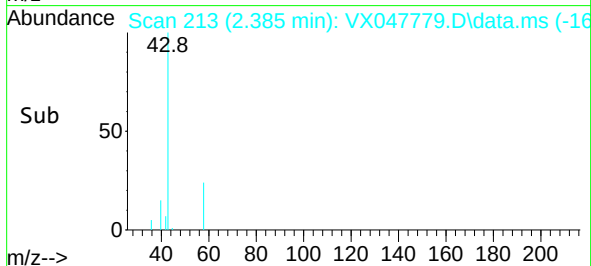
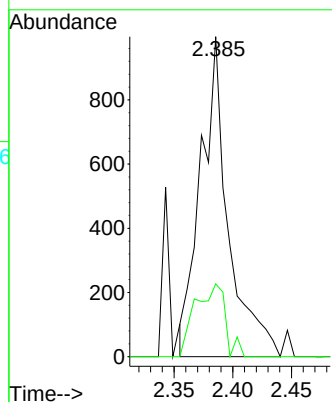


#16  
Acetone  
Concen: 1.626 ug/l  
RT: 2.385 min Scan# 211  
Delta R.T. 0.012 min  
Lab File: VX047779.D  
Acq: 24 Sep 2025 16:25

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE134D1-20250912RE

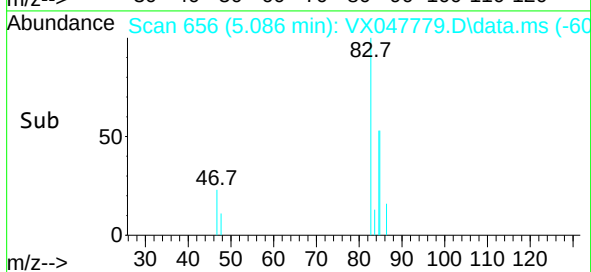
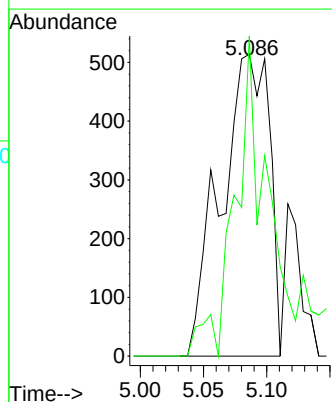
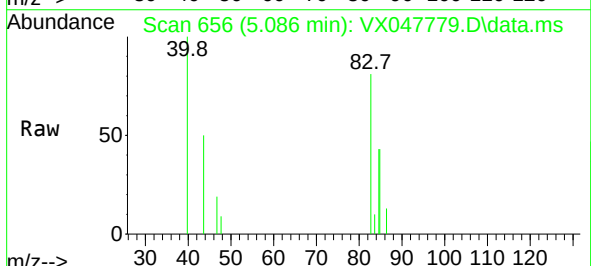


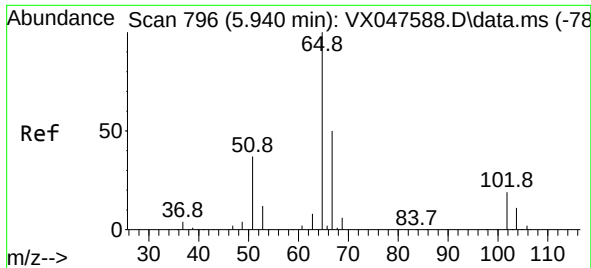
Tgt Ion: 43 Resp: 1629  
Ion Ratio Lower Upper  
43 100  
58 25.4 23.4 35.0



#30  
Chloroform  
Concen: 0.370 ug/l  
RT: 5.086 min Scan# 656  
Delta R.T. 0.006 min  
Lab File: VX047779.D  
Acq: 24 Sep 2025 16:25

Tgt Ion: 83 Resp: 1367  
Ion Ratio Lower Upper  
83 100  
85 94.0 51.8 77.6#

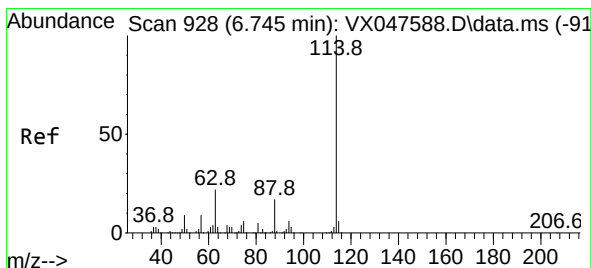
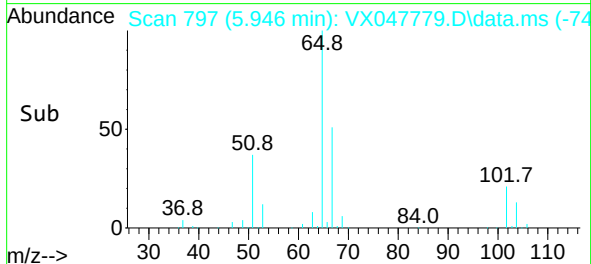
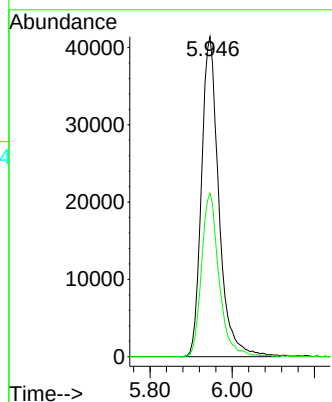
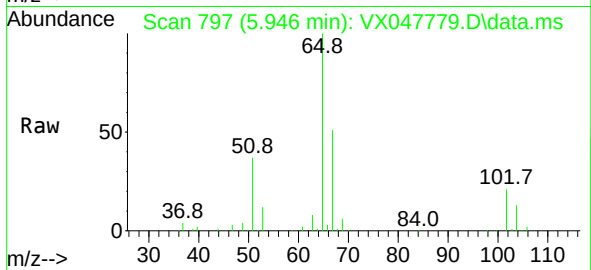




#33  
 1,2-Dichloroethane-d4  
 Concen: 52.723 ug/l  
 RT: 5.946 min Scan# 796  
 Delta R.T. 0.006 min  
 Lab File: VX047779.D  
 Acq: 24 Sep 2025 16:25

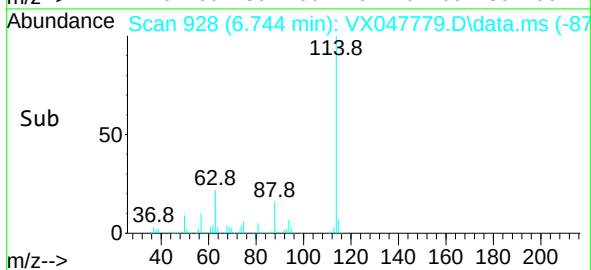
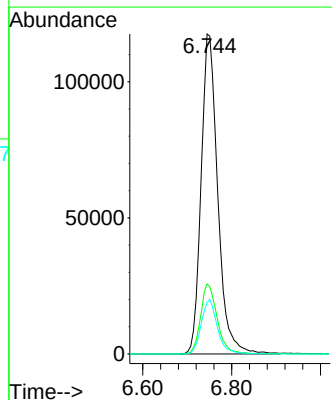
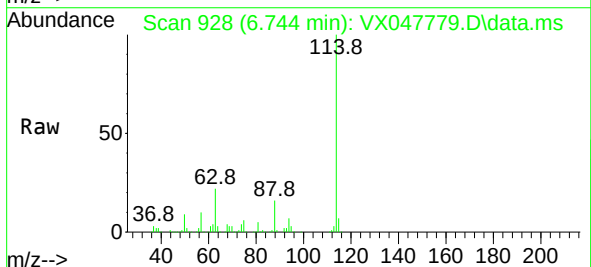
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE134D1-20250912RE

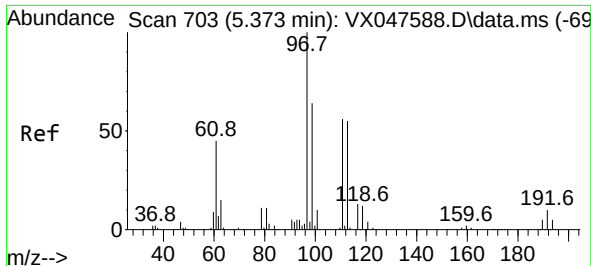
Tgt Ion: 65 Resp: 121447  
 Ion Ratio Lower Upper  
 65 100  
 67 51.3 0.0 103.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.744 min Scan# 928  
 Delta R.T. -0.000 min  
 Lab File: VX047779.D  
 Acq: 24 Sep 2025 16:25

Tgt Ion: 114 Resp: 306552  
 Ion Ratio Lower Upper  
 114 100  
 63 21.9 0.0 44.0  
 88 16.0 0.0 34.2

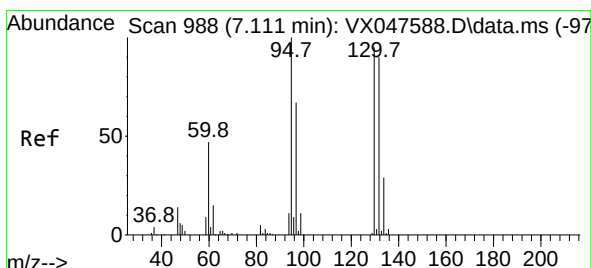
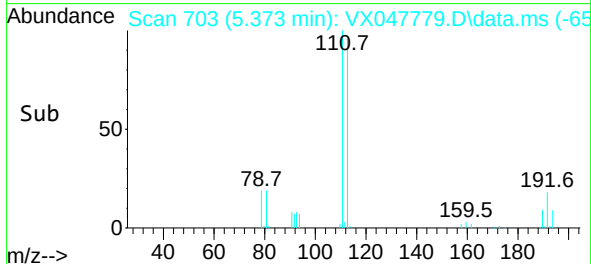
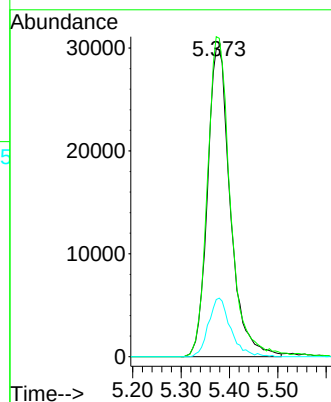
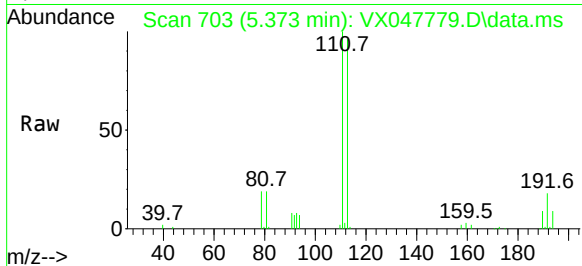




#35  
 Dibromofluoromethane  
 Concen: 47.988 ug/l  
 RT: 5.373 min Scan# 703  
 Delta R.T. -0.000 min  
 Lab File: VX047779.D  
 Acq: 24 Sep 2025 16:25

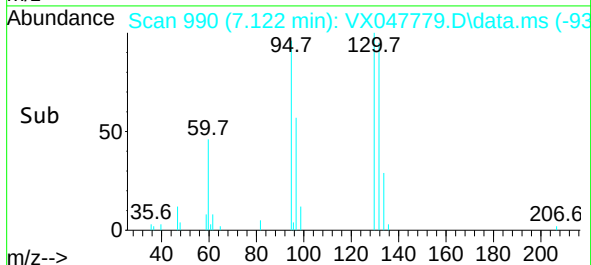
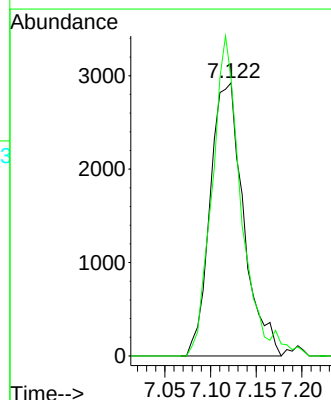
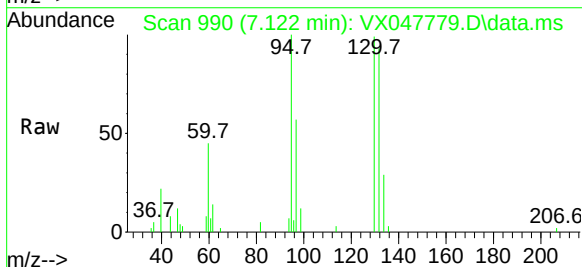
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE134D1-20250912RE

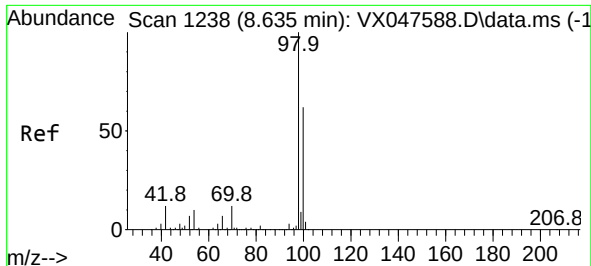
Tgt Ion:113 Resp: 98658  
 Ion Ratio Lower Upper  
 113 100  
 111 104.0 80.9 121.3  
 192 18.3 14.2 21.4



#44  
 Trichloroethene  
 Concen: 3.360 ug/l  
 RT: 7.122 min Scan# 990  
 Delta R.T. 0.012 min  
 Lab File: VX047779.D  
 Acq: 24 Sep 2025 16:25

Tgt Ion:130 Resp: 7411  
 Ion Ratio Lower Upper  
 130 100  
 95 101.4 0.0 210.8

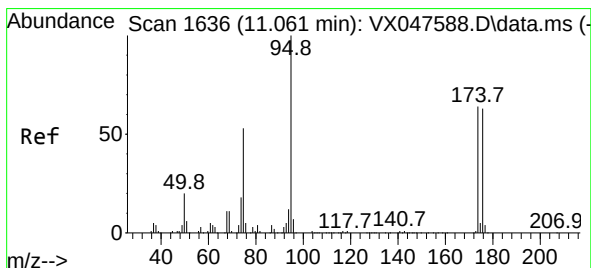
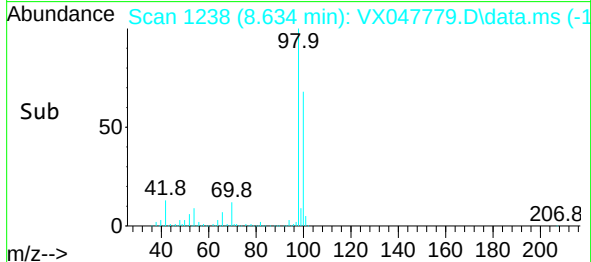
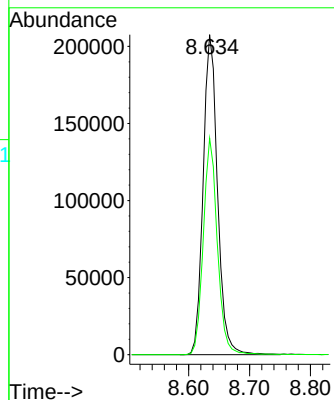
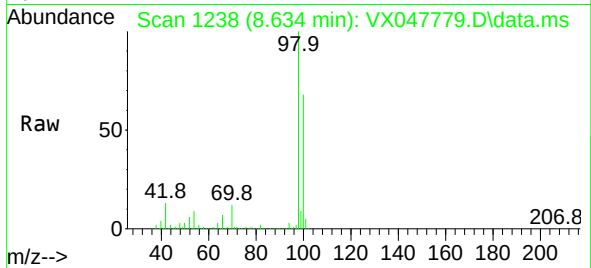




#50  
Toluene-d8  
Concen: 47.962 ug/l  
RT: 8.634 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX047779.D  
Acq: 24 Sep 2025 16:25

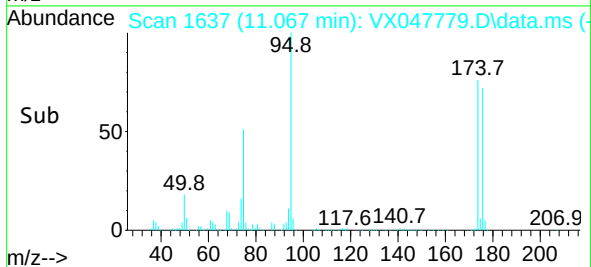
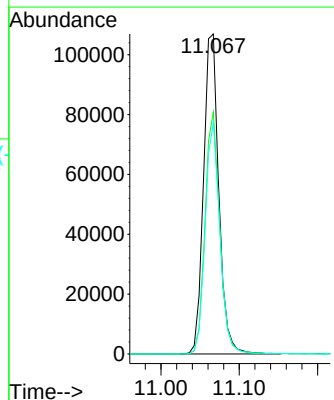
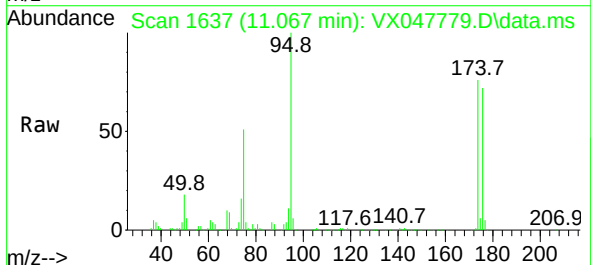
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE134D1-20250912RE

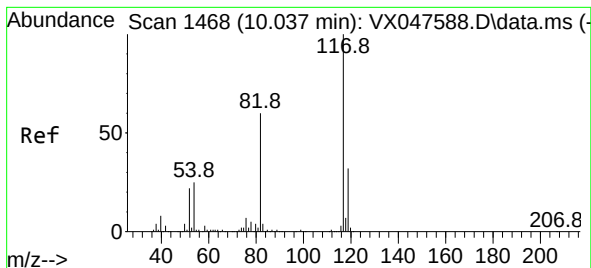
Tgt Ion: 98 Resp: 341193  
Ion Ratio Lower Upper  
98 100  
100 66.3 53.0 79.4



#62  
4-Bromofluorobenzene  
Concen: 53.651 ug/l  
RT: 11.067 min Scan# 1637  
Delta R.T. 0.006 min  
Lab File: VX047779.D  
Acq: 24 Sep 2025 16:25

Tgt Ion: 95 Resp: 144848  
Ion Ratio Lower Upper  
95 100  
174 72.7 0.0 141.6  
176 69.8 0.0 138.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX047779.D

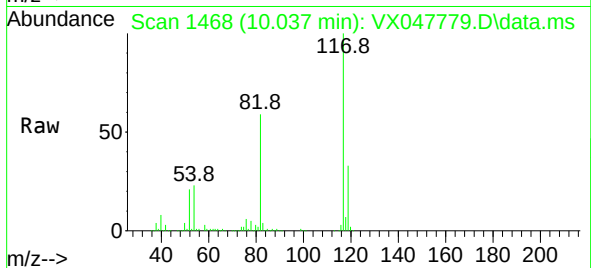
Acq: 24 Sep 2025 16:25

Instrument :

MSVOA\_X

ClientSampleId :

RE134D1-20250912RE



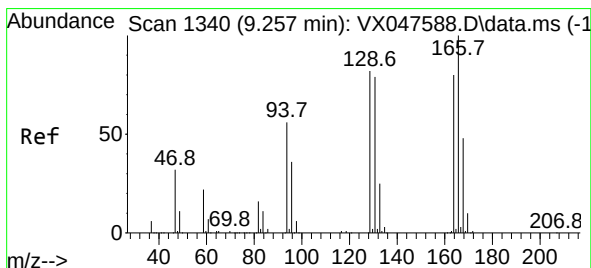
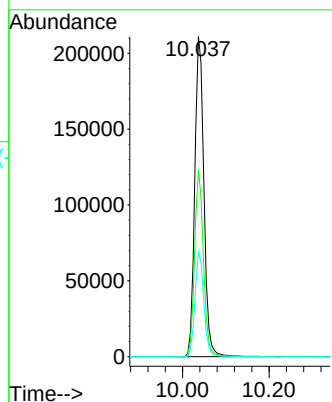
Tgt Ion:117 Resp: 309259

Ion Ratio Lower Upper

117 100

82 58.6 47.8 71.6

119 32.7 25.2 37.8



#64

Tetrachloroethene

Concen: 0.605 ug/l

RT: 9.256 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VX047779.D

Acq: 24 Sep 2025 16:25

Tgt Ion:164 Resp: 1220

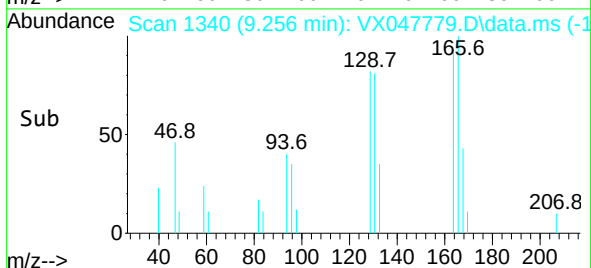
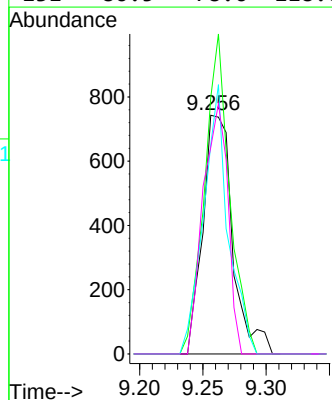
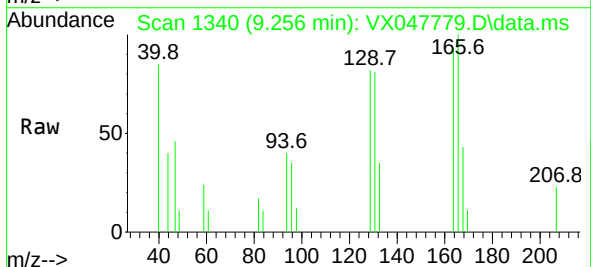
Ion Ratio Lower Upper

164 100

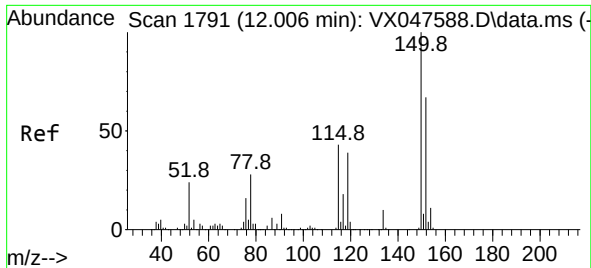
166 107.4 100.2 150.2

129 87.8 81.8 122.6

131 86.5 78.6 118.0

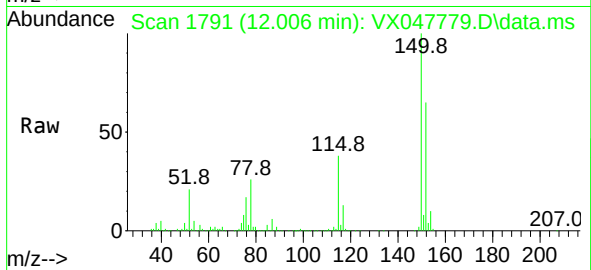






#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.006 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX047779.D  
 Acq: 24 Sep 2025 16:25

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE134D1-20250912RE



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 159471 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 115      | 60.9  | 44.9  | 134.5  |
| 150      | 156.1 | 0.0   | 352.0  |

