

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121525\  
 Data File : VX048872.D  
 Acq On : 15 Dec 2025 12:10  
 Operator : JC/MD  
 Sample : Q3835-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 OWBR-01-170-121025

Quant Time: Dec 16 00:14:34 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

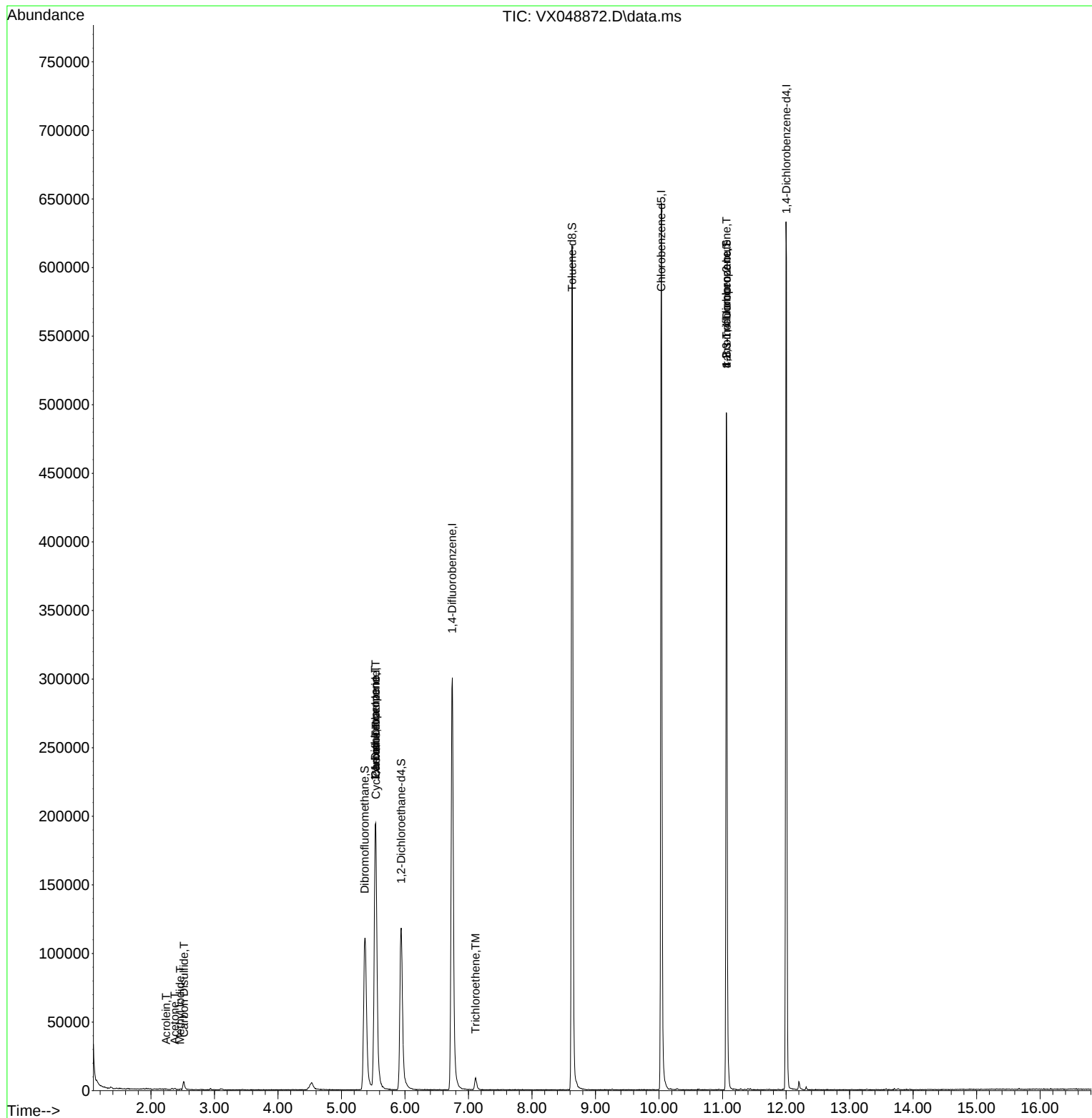
| Compound                      | R.T.   | QIon           | Response | Conc      | Units   | Dev(Min) |
|-------------------------------|--------|----------------|----------|-----------|---------|----------|
| -----                         |        |                |          |           |         |          |
| Internal Standards            |        |                |          |           |         |          |
| 1) Pentafluorobenzene         | 5.538  | 168            | 202756   | 50.000    | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.745  | 114            | 340422   | 50.000    | ug/l    | 0.00     |
| 63) Chlorobenzene-d5          | 10.037 | 117            | 306263   | 50.000    | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.006 | 152            | 138818   | 50.000    | ug/l    | 0.00     |
| System Monitoring Compounds   |        |                |          |           |         |          |
| 33) 1,2-Dichloroethane-d4     | 5.940  | 65             | 132925   | 48.845    | ug/l    | 0.00     |
| Spiked Amount                 | 50.000 | Range 78 - 117 | Recovery | =         | 97.700% |          |
| 35) Dibromofluoromethane      | 5.367  | 113            | 113696   | 48.506    | ug/l    | 0.00     |
| Spiked Amount                 | 50.000 | Range 75 - 124 | Recovery | =         | 97.020% |          |
| 50) Toluene-d8                | 8.628  | 98             | 407388   | 49.583    | ug/l    | 0.00     |
| Spiked Amount                 | 50.000 | Range 92 - 112 | Recovery | =         | 99.160% |          |
| 62) 4-Bromofluorobenzene      | 11.061 | 95             | 139407   | 49.205    | ug/l    | 0.00     |
| Spiked Amount                 | 50.000 | Range 83 - 123 | Recovery | =         | 98.400% |          |
| Target Compounds              |        |                |          |           |         |          |
|                               |        |                |          |           | Qvalue  |          |
| 10) Methyl Iodide             | 2.459  | 142            | 835      | 0.254     | ug/l #  | 78       |
| 13) Acrolein                  | 2.239  | 56             | 33       | 40.243    | ug/l #  | 22       |
| 16) Acetone                   | 2.373  | 43             | 1287     | 1.235     | ug/l #  | 81       |
| 17) Carbon Disulfide          | 2.520  | 76             | 2987     | 0.437     | ug/l    | 99       |
| 31) Cyclohexane               | 5.544  | 56             | 4280     | 1.164     | ug/l #  | 22       |
| 36) 1,1-Dichloropropene       | 5.531  | 75             | 15603    | 4.860     | ug/l #  | 49       |
| 38) Carbon Tetrachloride      | 5.538  | 117            | 21183    | 5.825     | ug/l #  | 13       |
| 44) Trichloroethene           | 7.110  | 130            | 3836     | 1.545     | ug/l    | 88       |
| 76) 1,2,3-Trichloropropane    | 11.061 | 75             | 69384    | 26.836    | ug/l #  | 30       |
| 81) trans-1,4-Dichloro-2-b... | 11.061 | 75             | 69384    | 63.745    | ug/l #  | 3        |
| 95) Naphthalene               | 13.762 | 128            | 820      | Below Cal | #       | 82       |
| -----                         |        |                |          |           |         |          |

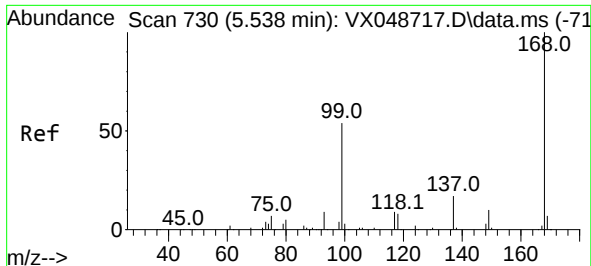
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121525\  
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ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
OWBR-01-170-121025

Quant Time: Dec 16 00:14:34 2025  
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Quant Title : SW846 8260  
QLast Update : Fri Dec 05 03:27:34 2025  
Response via : Initial Calibration

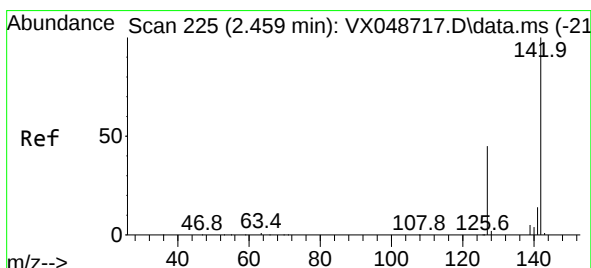
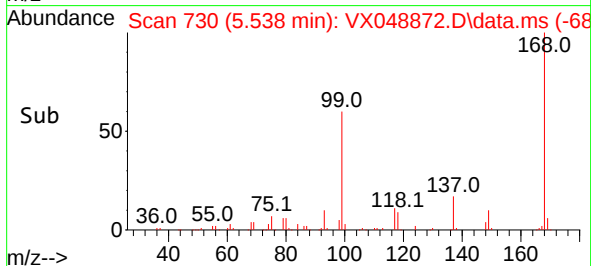
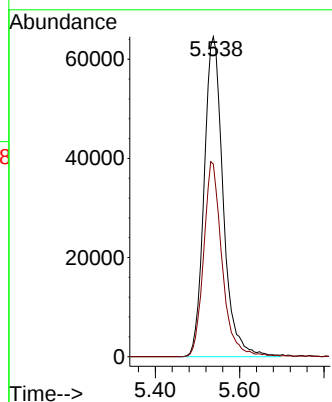
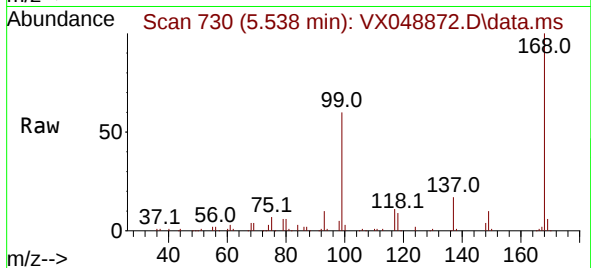




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.538 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX048872.D  
Acq: 15 Dec 2025 12:10

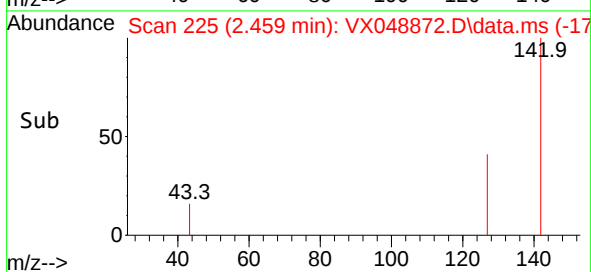
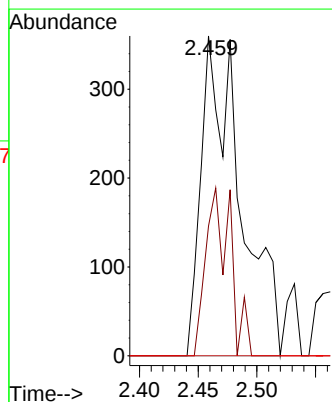
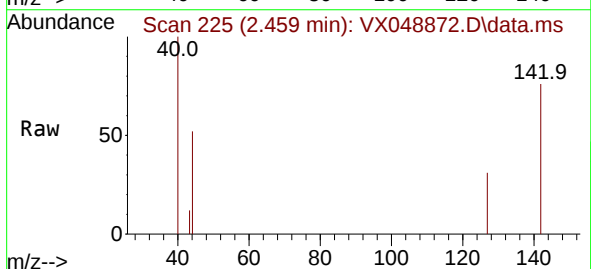
Instrument :  
MSVOA\_X  
ClientSampleId :  
OWBR-01-170-121025

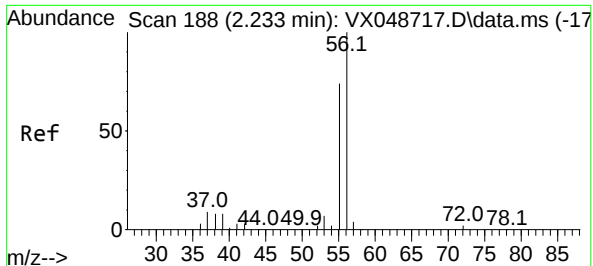
Tgt Ion:168 Resp: 202756  
Ion Ratio Lower Upper  
168 100  
99 60.2 44.2 66.4



#10  
Methyl Iodide  
Concen: 0.254 ug/l  
RT: 2.459 min Scan# 225  
Delta R.T. -0.000 min  
Lab File: VX048872.D  
Acq: 15 Dec 2025 12:10

Tgt Ion:142 Resp: 835  
Ion Ratio Lower Upper  
142 100  
127 32.8 35.8 53.6#  
141 0.0 11.1 16.7#

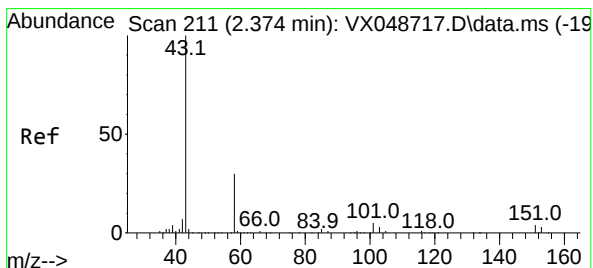
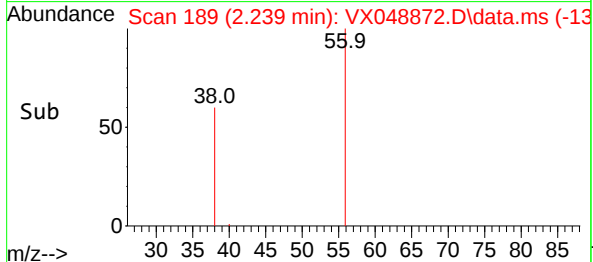
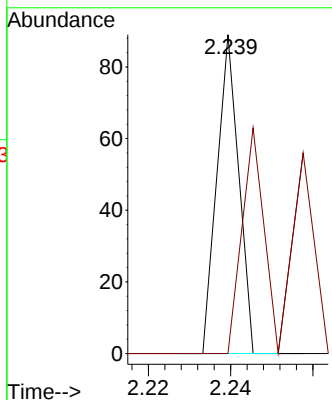
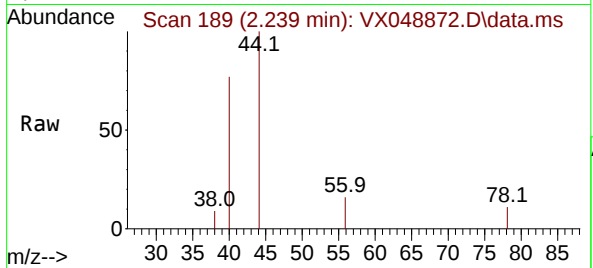




#13  
Acrolein  
Concen: 40.243 ug/l  
RT: 2.239 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX048872.D  
Acq: 15 Dec 2025 12:10

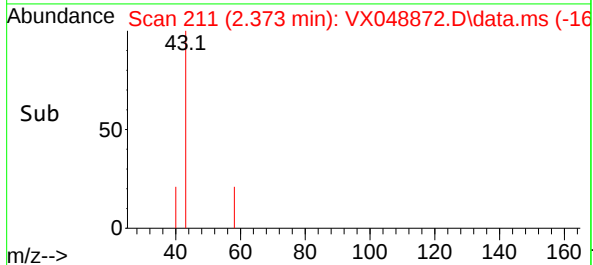
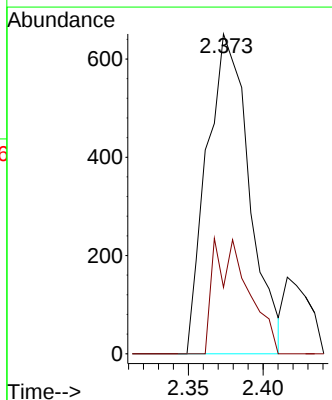
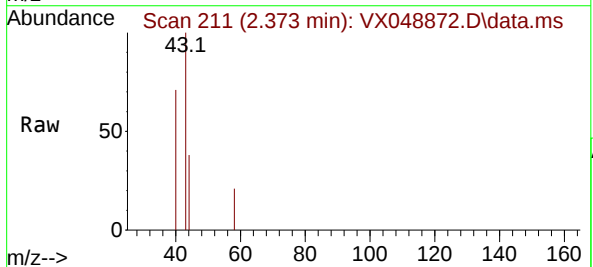
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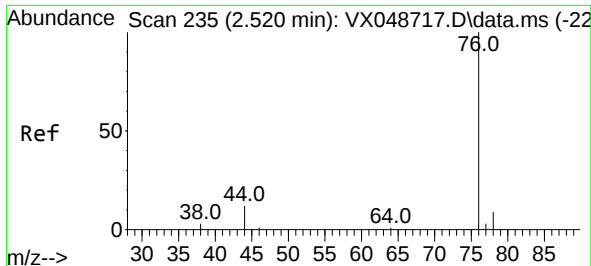
Tgt Ion: 56 Resp: 33  
Ion Ratio Lower Upper  
56 100  
55 133.3 55.8 83.6#



#16  
Acetone  
Concen: 1.235 ug/l  
RT: 2.373 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: VX048872.D  
Acq: 15 Dec 2025 12:10

Tgt Ion: 43 Resp: 1287  
Ion Ratio Lower Upper  
43 100  
58 20.7 25.0 37.4#

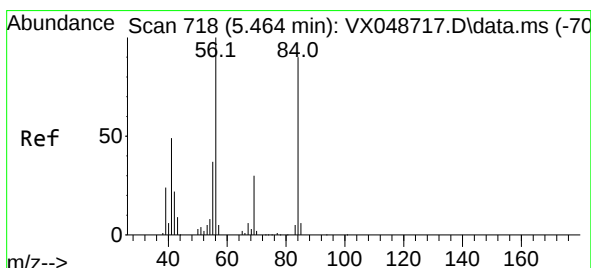
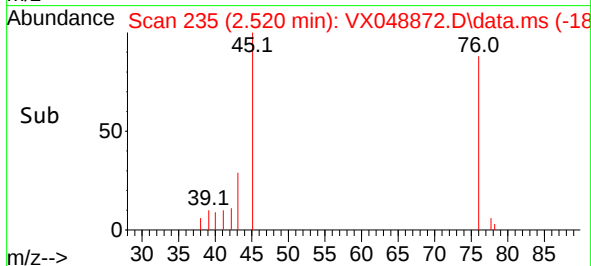
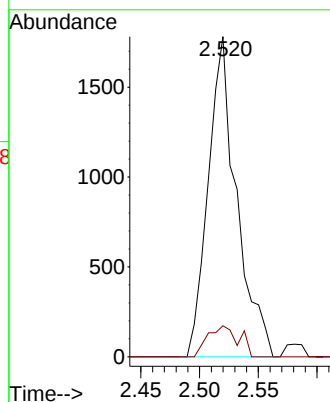
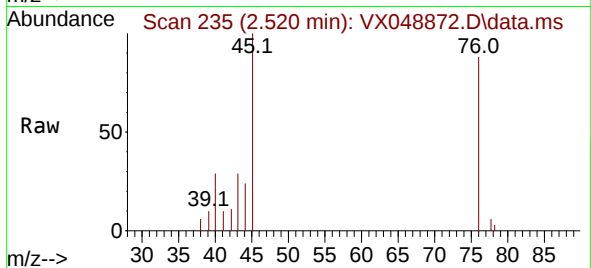




#17  
Carbon Disulfide  
Concen: 0.437 ug/l  
RT: 2.520 min Scan# 217  
Delta R.T. -0.000 min  
Lab File: VX048872.D  
Acq: 15 Dec 2025 12:10

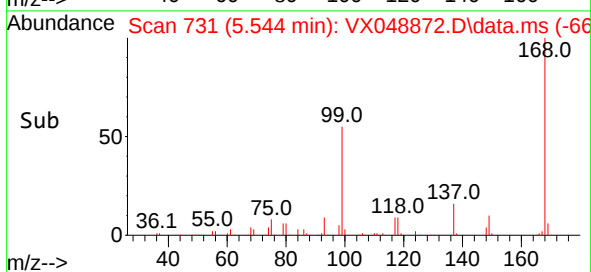
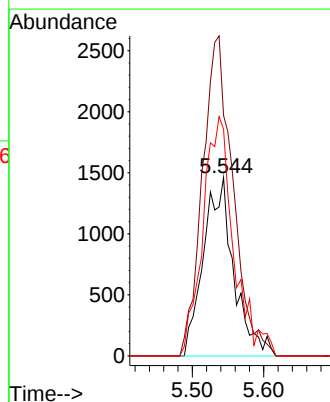
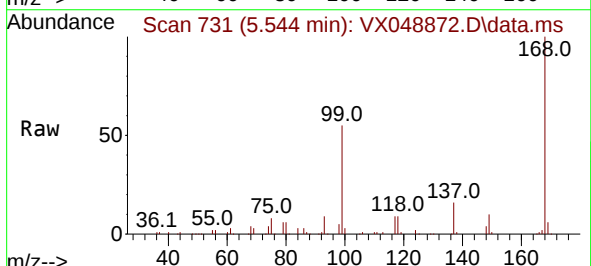
Instrument :  
MSVOA\_X  
ClientSampleId :  
OWBR-01-170-121025

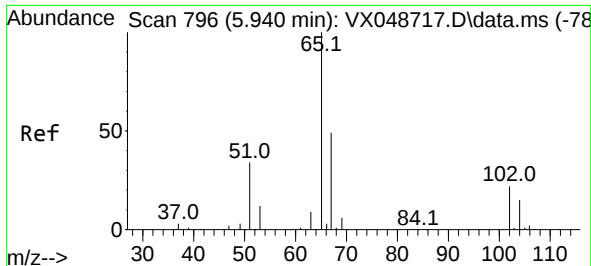
Tgt Ion: 76 Resp: 2987  
Ion Ratio Lower Upper  
76 100  
78 9.7 7.4 11.2



#31  
Cyclohexane  
Concen: 1.164 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. 0.079 min  
Lab File: VX048872.D  
Acq: 15 Dec 2025 12:10

Tgt Ion: 56 Resp: 4280  
Ion Ratio Lower Upper  
56 100  
69 134.7 24.2 36.2#  
84 127.1 72.1 108.1#





#33

1,2-Dichloroethane-d4

Concen: 48.845 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048872.D

Acq: 15 Dec 2025 12:10

Instrument :

MSVOA\_X

ClientSampleId :

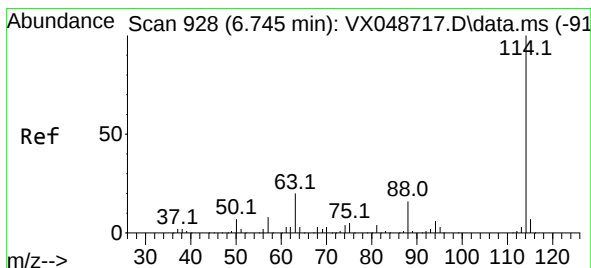
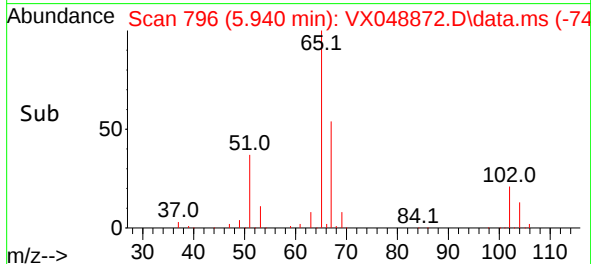
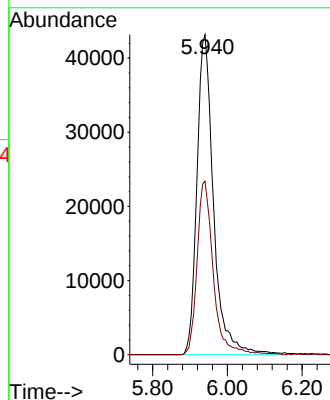
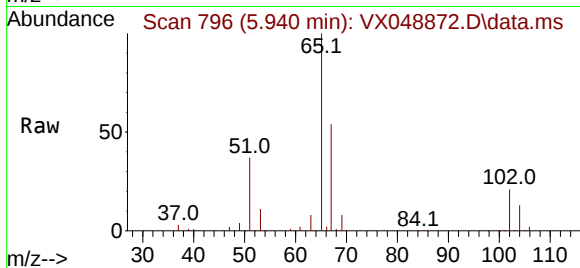
OWBR-01-170-121025

Tgt Ion: 65 Resp: 132925

Ion Ratio Lower Upper

65 100

67 52.8 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048872.D

Acq: 15 Dec 2025 12:10

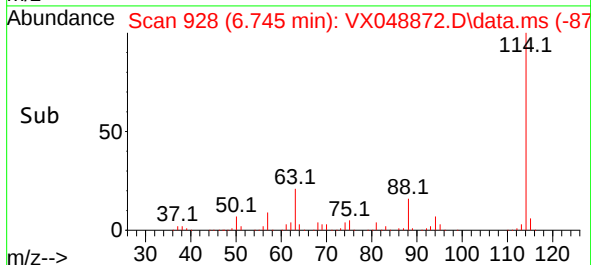
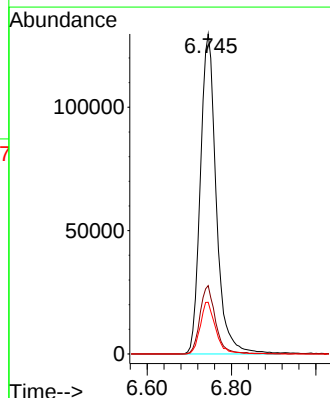
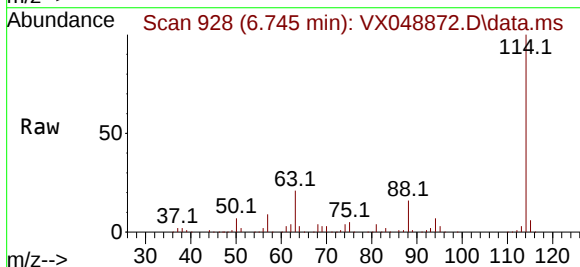
Tgt Ion: 114 Resp: 340422

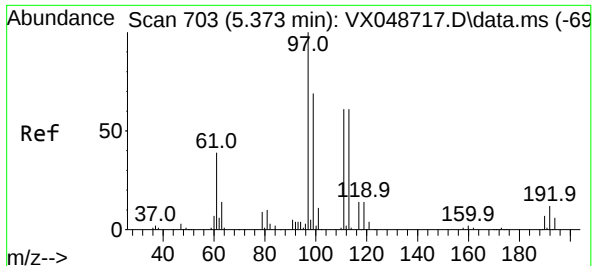
Ion Ratio Lower Upper

114 100

63 21.4 0.0 39.0

88 16.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.506 ug/l

RT: 5.367 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX048872.D

Acq: 15 Dec 2025 12:10

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MSVOA\_X

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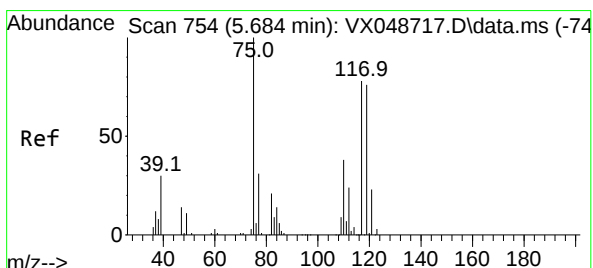
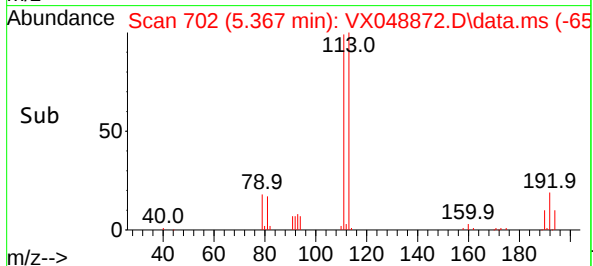
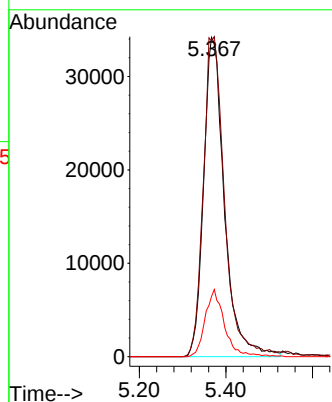
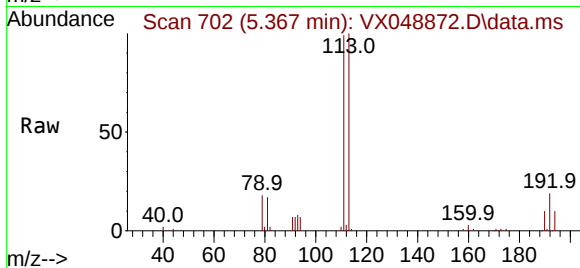
Tgt Ion:113 Resp: 113696

Ion Ratio Lower Upper

113 100

111 102.5 79.5 119.3

192 19.7 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.860 ug/l

RT: 5.531 min Scan# 729

Delta R.T. -0.152 min

Lab File: VX048872.D

Acq: 15 Dec 2025 12:10

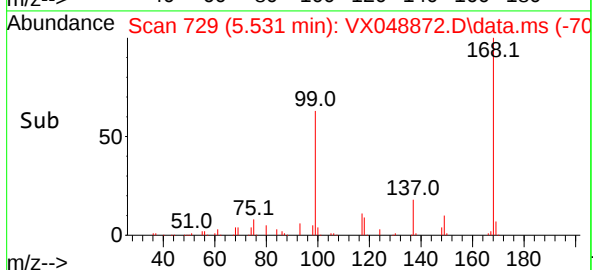
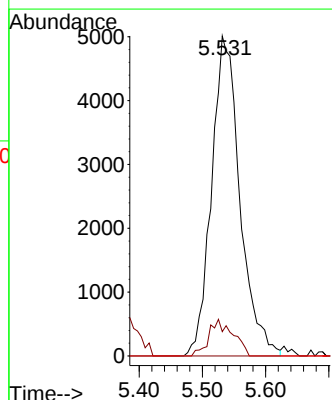
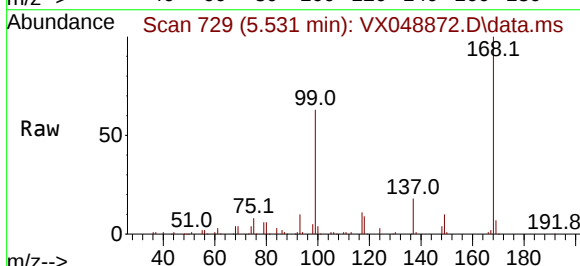
Tgt Ion: 75 Resp: 15603

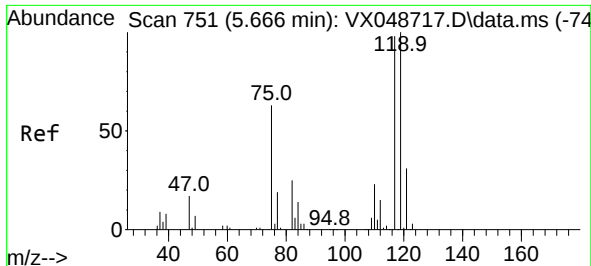
Ion Ratio Lower Upper

75 100

110 9.7 18.6 55.8#

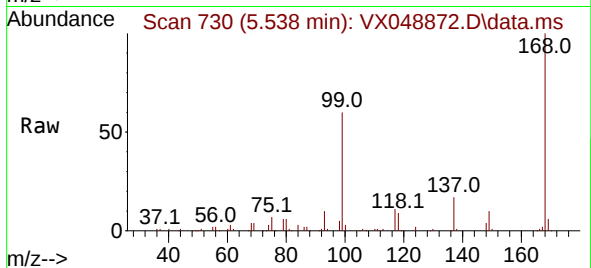
77 0.0 25.3 37.9#



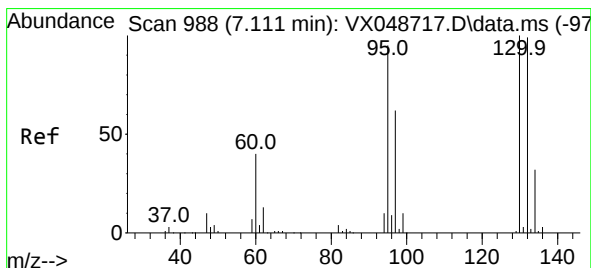
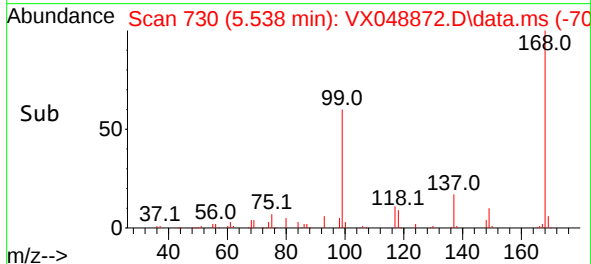
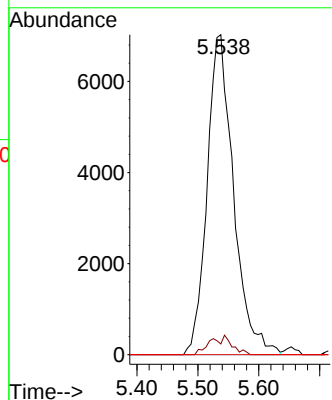


#38  
Carbon Tetrachloride  
Concen: 5.825 ug/l  
RT: 5.538 min Scan# 71  
Delta R.T. -0.128 min  
Lab File: VX048872.D  
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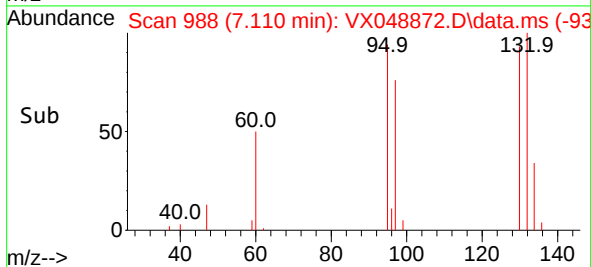
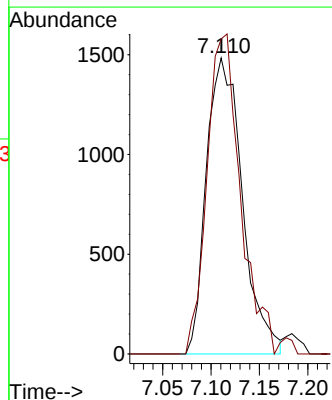
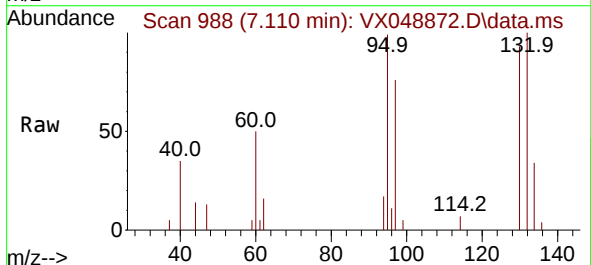


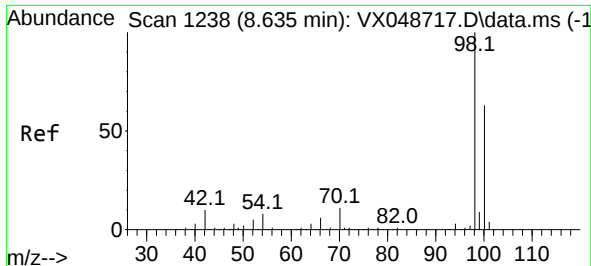
Tgt Ion:117 Resp: 21183  
Ion Ratio Lower Upper  
117 100  
119 3.4 80.5 120.7#  
121 0.0 25.4 38.0#



#44  
Trichloroethene  
Concen: 1.545 ug/l  
RT: 7.110 min Scan# 988  
Delta R.T. -0.000 min  
Lab File: VX048872.D  
Acq: 15 Dec 2025 12:10

Tgt Ion:130 Resp: 3836  
Ion Ratio Lower Upper  
130 100  
95 106.4 0.0 189.6

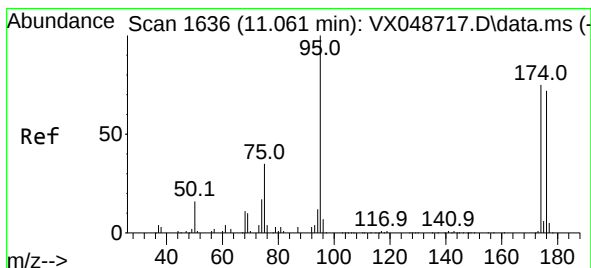
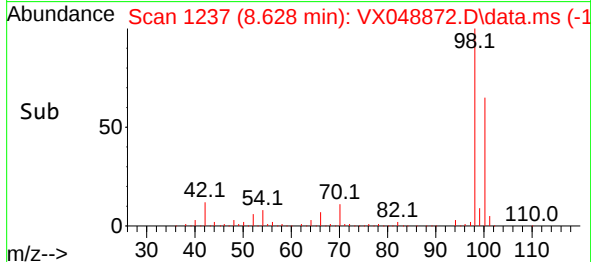
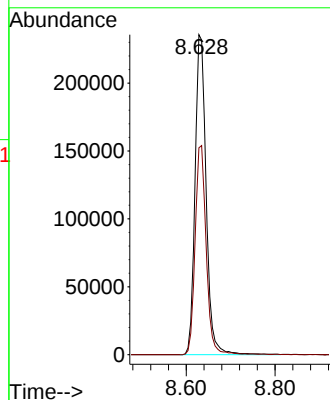
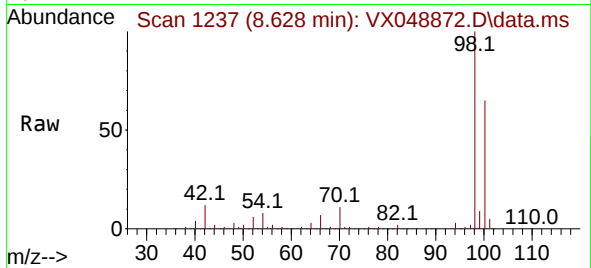




#50  
Toluene-d8  
Concen: 49.583 ug/l  
RT: 8.628 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX048872.D  
Acq: 15 Dec 2025 12:10

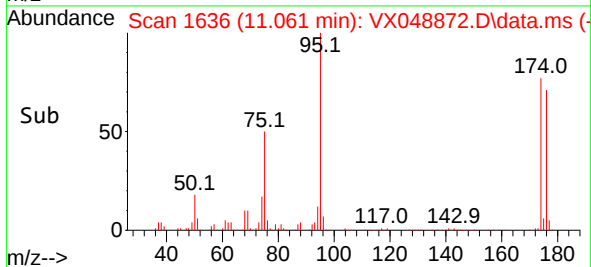
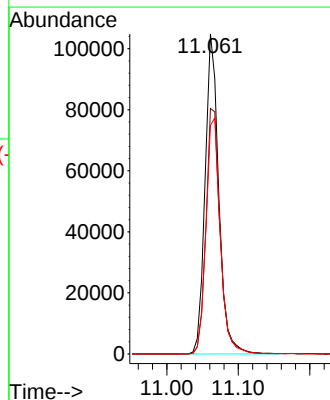
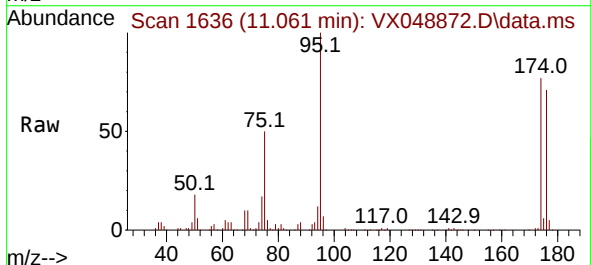
Instrument :  
MSVOA\_X  
ClientSampleId :  
OWBR-01-170-121025

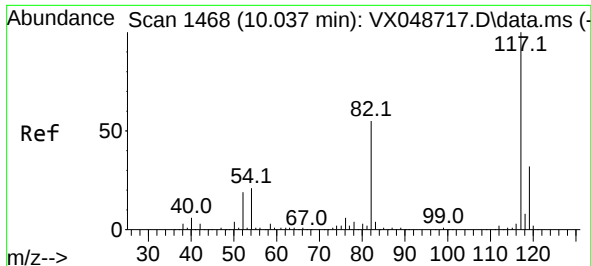
Tgt Ion: 98 Resp: 407388  
Ion Ratio Lower Upper  
98 100  
100 65.4 53.4 80.0



#62  
4-Bromofluorobenzene  
Concen: 49.205 ug/l  
RT: 11.061 min Scan# 1636  
Delta R.T. -0.000 min  
Lab File: VX048872.D  
Acq: 15 Dec 2025 12:10

Tgt Ion: 95 Resp: 139407  
Ion Ratio Lower Upper  
95 100  
174 79.6 0.0 157.8  
176 77.1 0.0 154.0

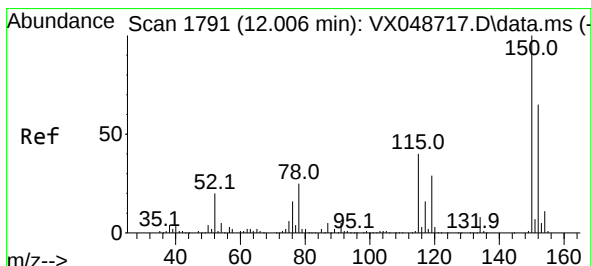
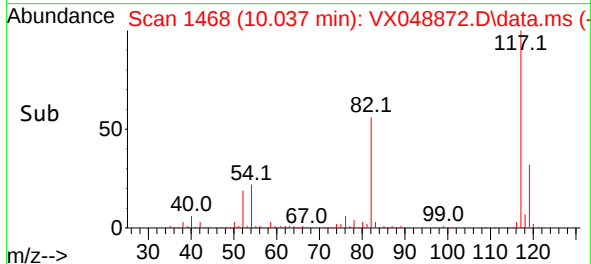
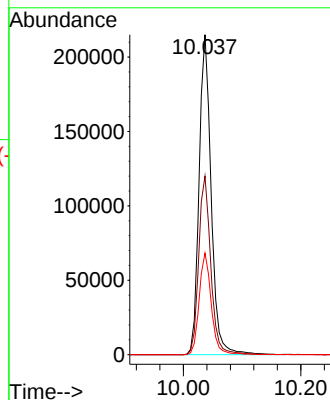
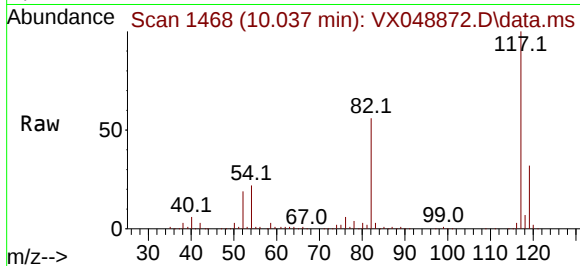




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.037 min Scan# 1468  
Delta R.T. -0.000 min  
Lab File: VX048872.D  
Acq: 15 Dec 2025 12:10

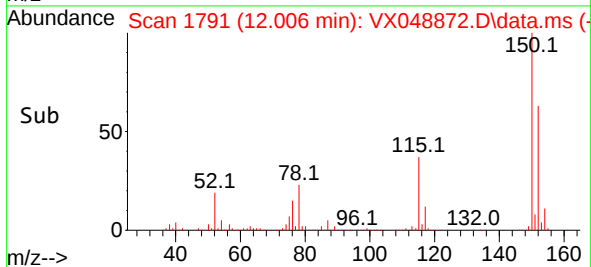
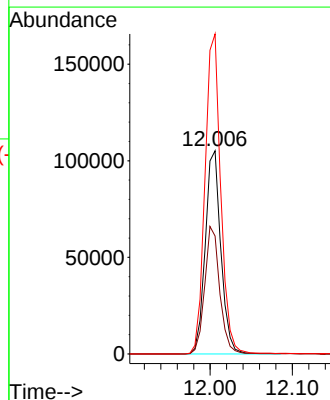
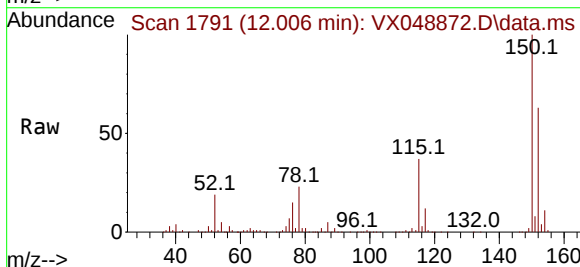
Instrument :  
MSVOA\_X  
ClientSampleId :  
OWBR-01-170-121025

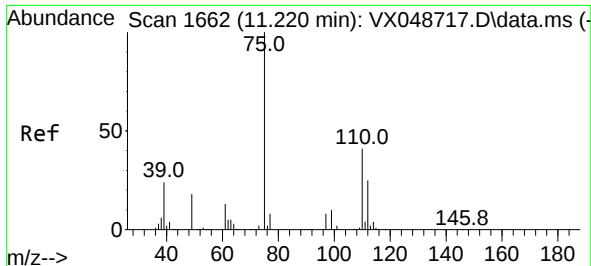
Tgt Ion:117 Resp: 306263  
Ion Ratio Lower Upper  
117 100  
82 55.8 44.1 66.1  
119 31.7 25.2 37.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VX048872.D  
Acq: 15 Dec 2025 12:10

Tgt Ion:152 Resp: 138818  
Ion Ratio Lower Upper  
152 100  
115 60.5 42.1 126.4  
150 158.8 0.0 347.8

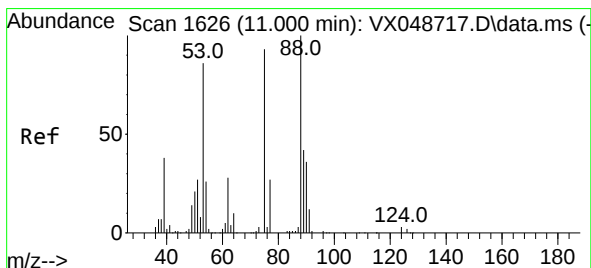
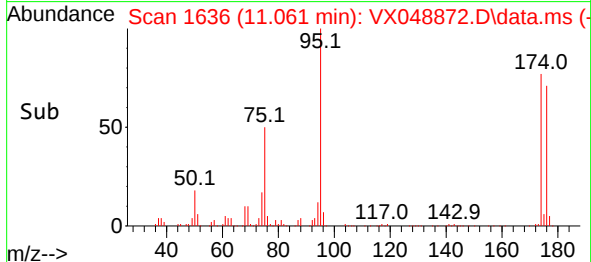
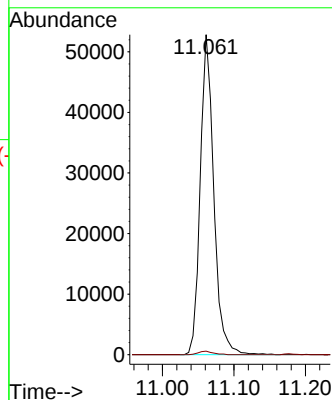
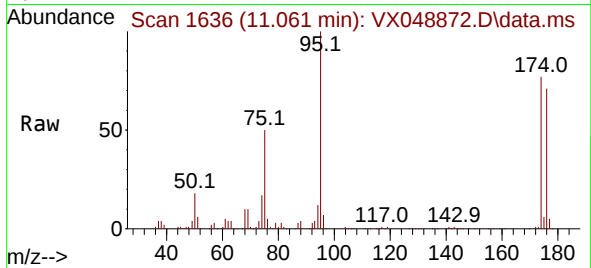




#76  
1,2,3-Trichloropropane  
Concen: 26.836 ug/l  
RT: 11.061 min Scan# 1636  
Delta R.T. -0.159 min  
Lab File: VX048872.D  
Acq: 15 Dec 2025 12:10

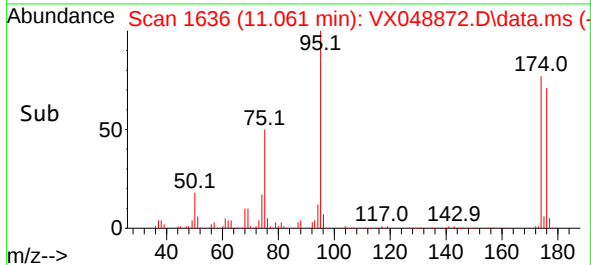
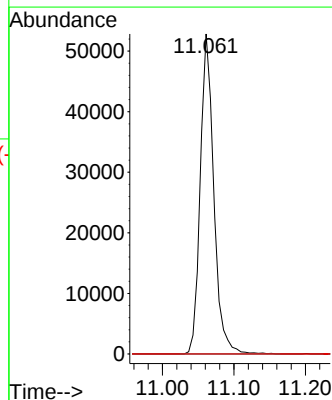
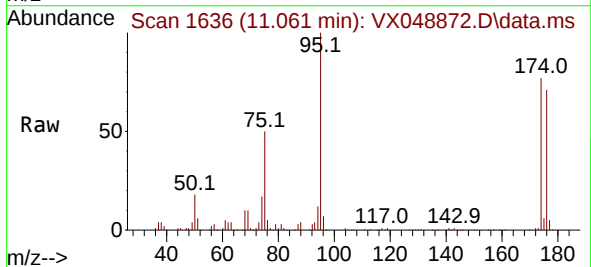
Instrument :  
MSVOA\_X  
ClientSampleId :  
OWBR-01-170-121025

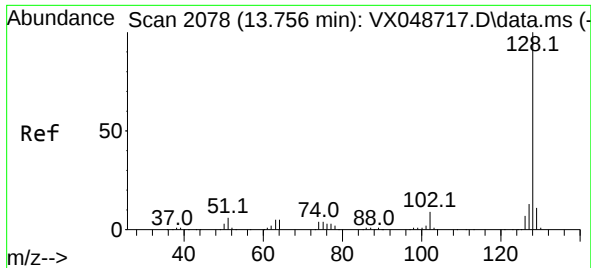
Tgt Ion: 75 Resp: 69384  
Ion Ratio Lower Upper  
75 100  
77 1.2 24.3 73.0#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 63.745 ug/l  
RT: 11.061 min Scan# 1636  
Delta R.T. 0.061 min  
Lab File: VX048872.D  
Acq: 15 Dec 2025 12:10

Tgt Ion: 75 Resp: 69384  
Ion Ratio Lower Upper  
75 100  
53 0.0 79.9 119.9#  
89 0.0 67.1 100.7#





#95

Naphthalene

Concen: Below Cal

RT: 13.762 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX048872.D

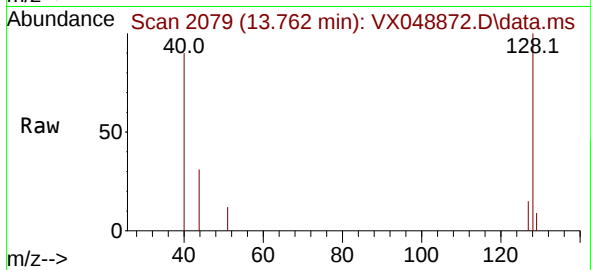
Acq: 15 Dec 2025 12:10

Instrument :

MSVOA\_X

ClientSampleId :

OWBR-01-170-121025



Tgt Ion:128 Resp: 820

Ion Ratio Lower Upper

128 100

127 3.8 10.2 15.2#

129 6.1 8.6 13.0#

