

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW081125\  
 Data File : VW032066.D  
 Acq On : 11 Aug 2025 15:06  
 Operator : SY/MD  
 Sample : Q2808-03  
 Misc : 5.54g/5mL/MSVOA\_W/SOIL/A  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 TP-7-VOC

Quant Time: Aug 12 04:26:10 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W081125S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 12 04:04:48 2025  
 Response via : Initial Calibration

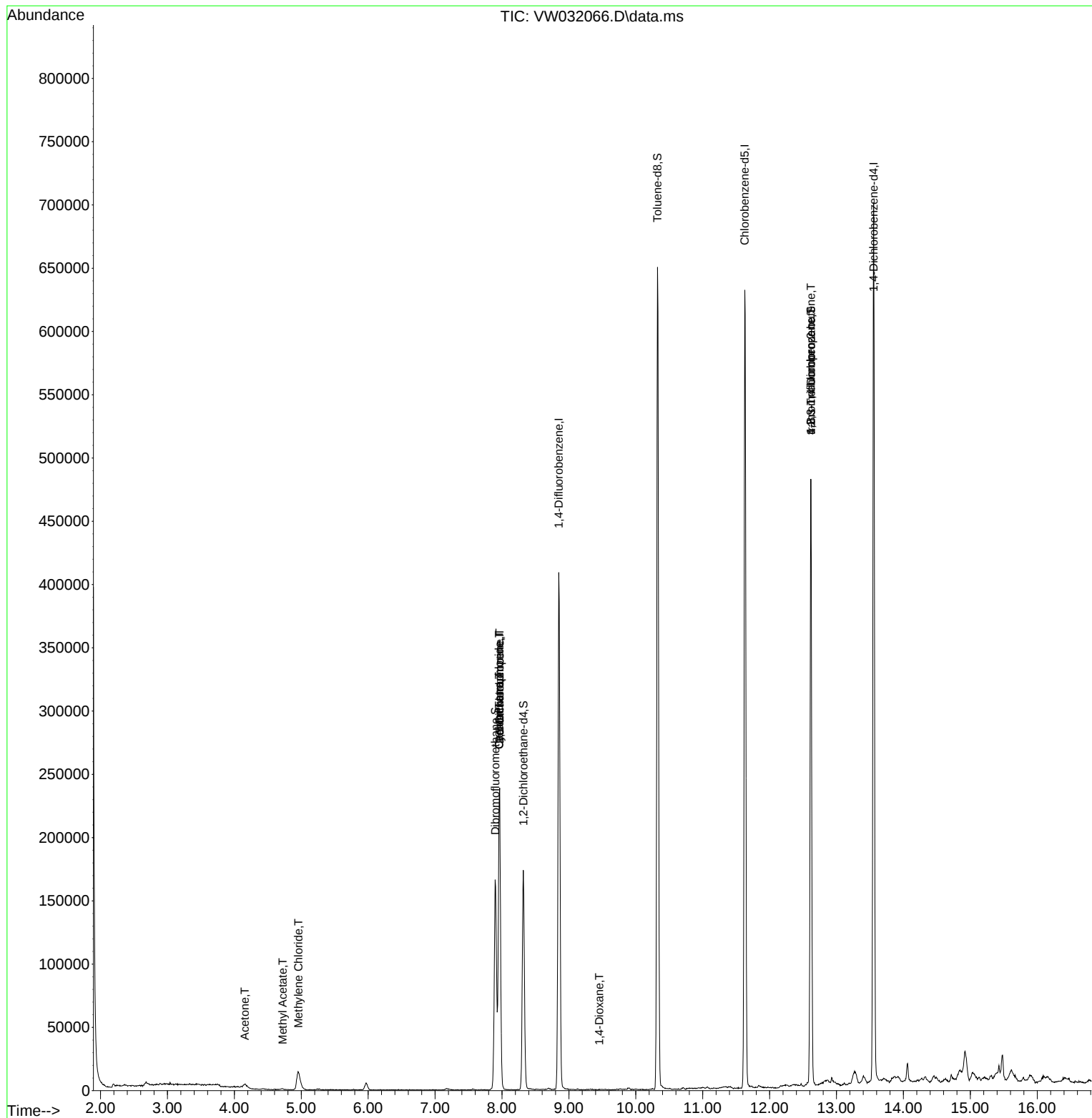
| Compound                      | R.T. QIon |                | Response | Conc       | Units  | Dev(Min) |
|-------------------------------|-----------|----------------|----------|------------|--------|----------|
| -----                         |           |                |          |            |        |          |
| Internal Standards            |           |                |          |            |        |          |
| 1) Pentafluorobenzene         | 7.965     | 168            | 164741   | 50.000     | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.849     | 114            | 347441   | 50.000     | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.629    | 117            | 351214   | 50.000     | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.556    | 152            | 171539   | 50.000     | ug/l   | 0.00     |
| System Monitoring Compounds   |           |                |          |            |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.319     | 65             | 140387   | 58.921     | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range 63 - 155 | Recovery | = 117.840% |        |          |
| 35) Dibromofluoromethane      | 7.898     | 113            | 124442   | 55.440     | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range 70 - 134 | Recovery | = 110.880% |        |          |
| 50) Toluene-d8                | 10.325    | 98             | 442015   | 53.241     | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range 74 - 123 | Recovery | = 106.480% |        |          |
| 62) 4-Bromofluorobenzene      | 12.617    | 95             | 175209   | 57.268     | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range 17 - 146 | Recovery | = 114.540% |        |          |
| Target Compounds              |           |                |          |            |        |          |
| 16) Acetone                   | 4.155     | 43             | 3799     | 6.887      | ug/l   | 98       |
| 18) Methyl Acetate            | 4.722     | 43             | 2125     | 1.217      | ug/l # | 79       |
| 20) Methylene Chloride        | 4.960     | 84             | 13529    | 5.304      | ug/l   | 95       |
| 31) Cyclohexane               | 7.959     | 56             | 3992     | 1.176      | ug/l # | 4        |
| 36) 1,1-Dichloropropene       | 7.965     | 75             | 15081    | 4.766      | ug/l # | 50       |
| 38) Carbon Tetrachloride      | 7.959     | 117            | 19039    | 6.235      | ug/l # | 20       |
| 49) 1,4-Dioxane               | 9.453     | 88             | 21       | 1.059      | ug/l # | 1        |
| 76) 1,2,3-Trichloropropane    | 12.617    | 75             | 86800    | 37.282     | ug/l # | 1        |
| 81) trans-1,4-Dichloro-2-b... | 12.617    | 75             | 86800    | 96.520     | ug/l # | 9        |
| -----                         |           |                |          |            |        |          |

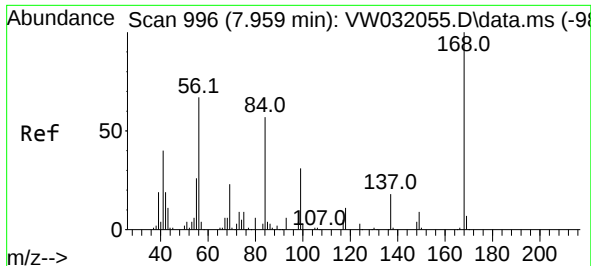
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : Q2808-03  
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ALS Vial : 17 Sample Multiplier: 1

Instrument :  
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TP-7-VOC

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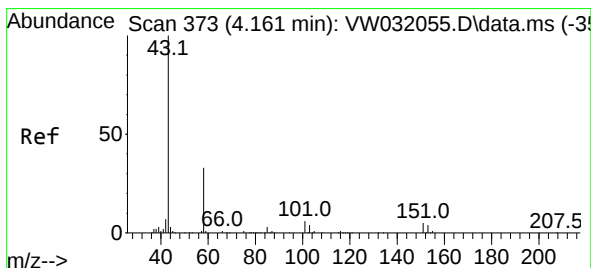
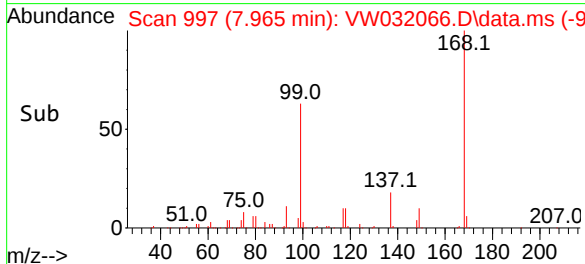
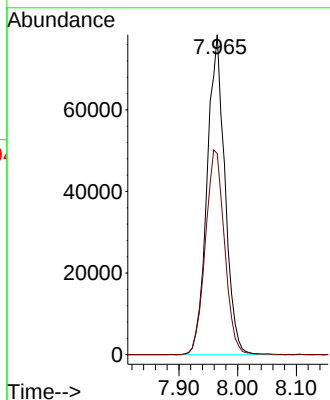
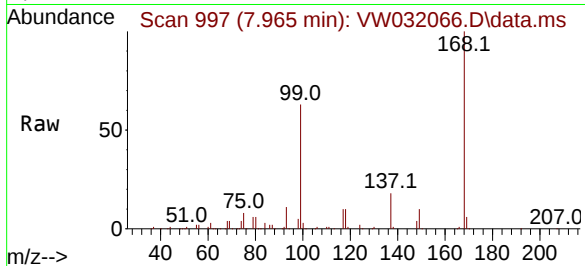




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.965 min Scan# 996  
Delta R.T. 0.006 min  
Lab File: VW032066.D  
Acq: 11 Aug 2025 15:06

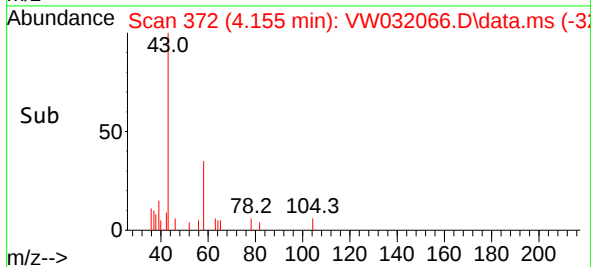
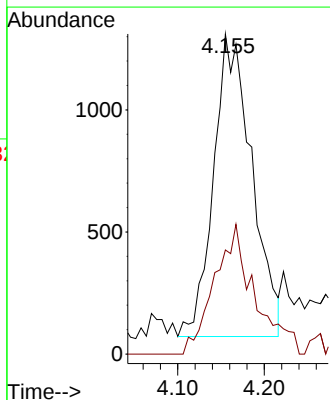
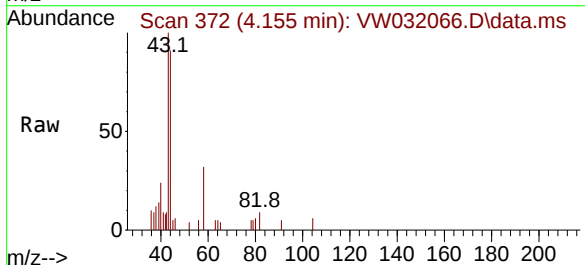
Instrument :  
MSVOA\_W  
ClientSampleId :  
TP-7-VOC

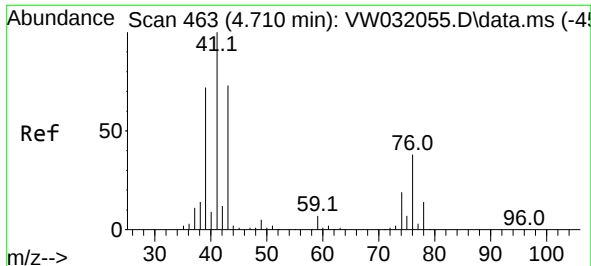
Tgt Ion:168 Resp: 164741  
Ion Ratio Lower Upper  
168 100  
99 62.8 56.0 84.0



#16  
Acetone  
Concen: 6.887 ug/l  
RT: 4.155 min Scan# 372  
Delta R.T. -0.006 min  
Lab File: VW032066.D  
Acq: 11 Aug 2025 15:06

Tgt Ion: 43 Resp: 3799  
Ion Ratio Lower Upper  
43 100  
58 34.4 26.6 39.8

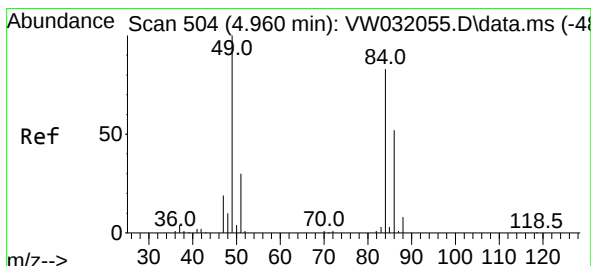
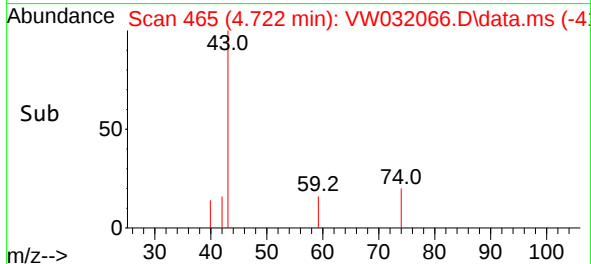
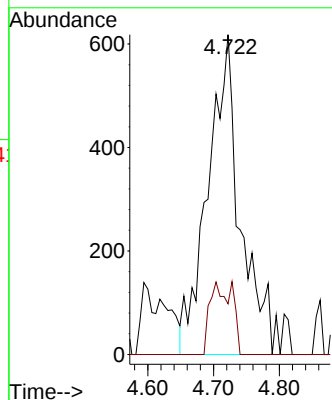
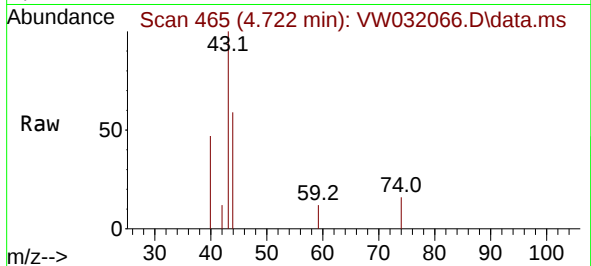




#18  
Methyl Acetate  
Concen: 1.217 ug/l  
RT: 4.722 min Scan# 465  
Delta R.T. 0.012 min  
Lab File: VW032066.D  
Acq: 11 Aug 2025 15:06

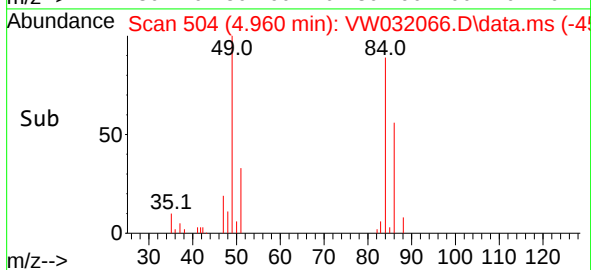
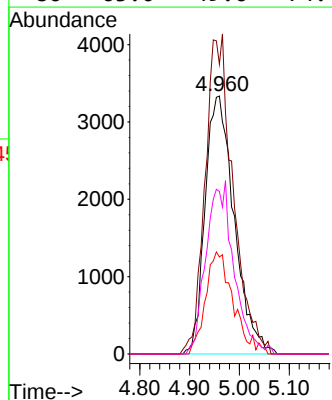
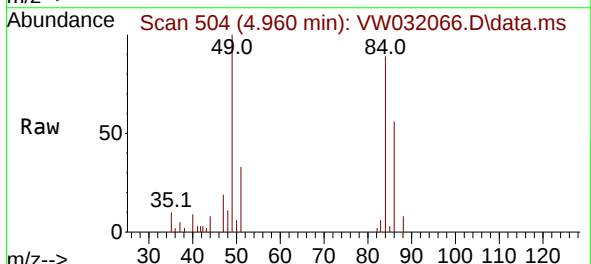
Instrument :  
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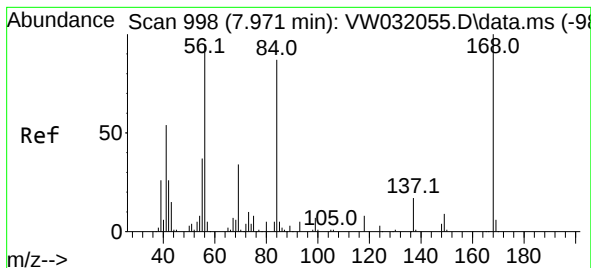
Tgt Ion: 43 Resp: 2125  
Ion Ratio Lower Upper  
43 100  
74 15.3 20.6 31.0#



#20  
Methylene Chloride  
Concen: 5.304 ug/l  
RT: 4.960 min Scan# 504  
Delta R.T. -0.000 min  
Lab File: VW032066.D  
Acq: 11 Aug 2025 15:06

Tgt Ion: 84 Resp: 13529  
Ion Ratio Lower Upper  
84 100  
49 112.4 95.9 143.9  
51 37.6 28.6 43.0  
86 63.0 49.6 74.4

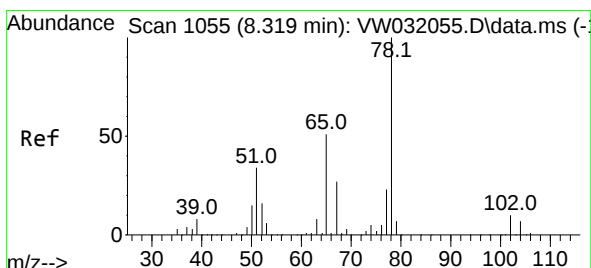
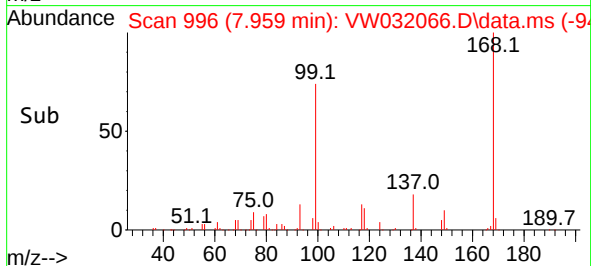
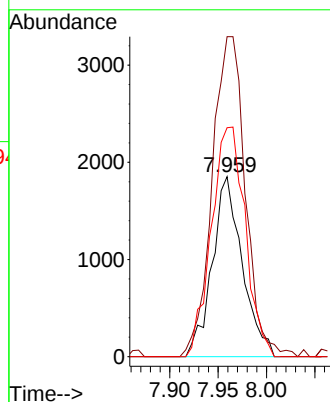
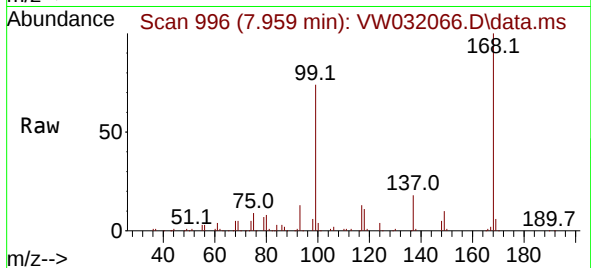




#31  
Cyclohexane  
Concen: 1.176 ug/l  
RT: 7.959 min Scan# 996  
Delta R.T. -0.012 min  
Lab File: VW032066.D  
Acq: 11 Aug 2025 15:06

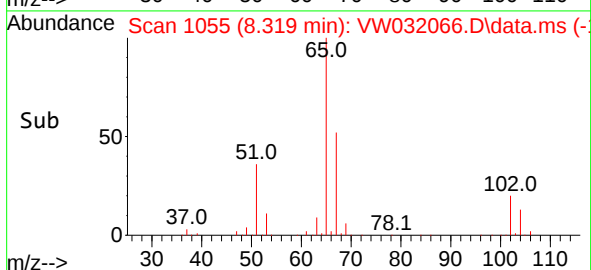
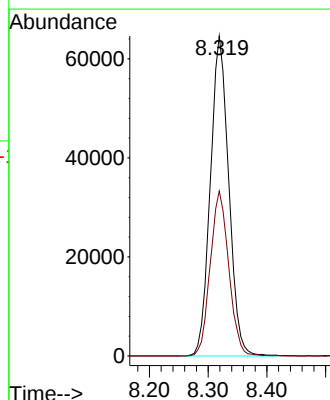
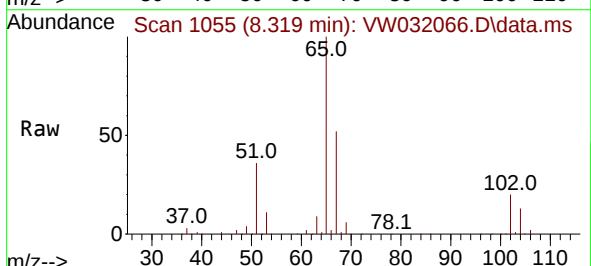
Instrument :  
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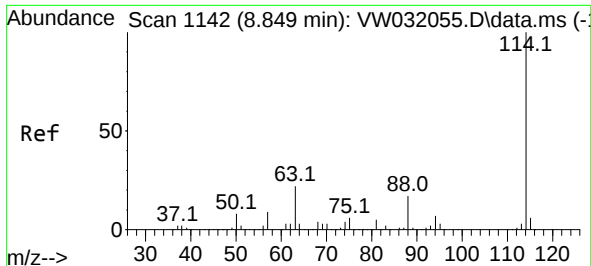
Tgt Ion: 56 Resp: 3992  
Ion Ratio Lower Upper  
56 100  
69 177.8 28.6 42.8#  
84 127.2 73.0 109.4#



#33  
1,2-Dichloroethane-d4  
Concen: 58.921 ug/l  
RT: 8.319 min Scan# 1055  
Delta R.T. -0.000 min  
Lab File: VW032066.D  
Acq: 11 Aug 2025 15:06

Tgt Ion: 65 Resp: 140387  
Ion Ratio Lower Upper  
65 100  
67 51.9 0.0 102.4

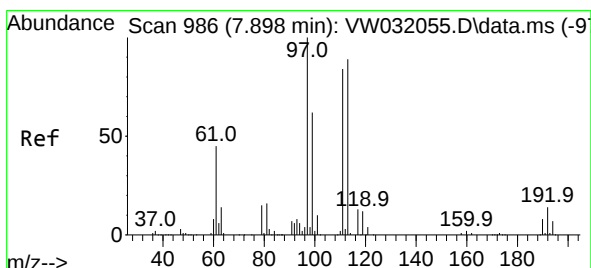
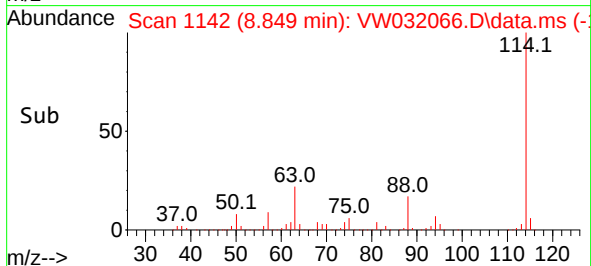
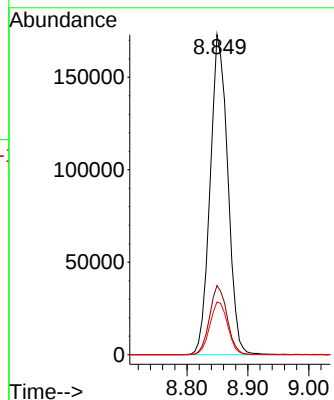
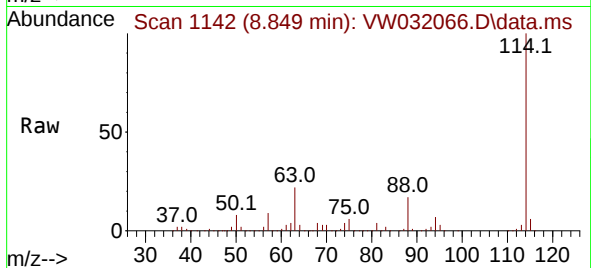




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.849 min Scan# 1142  
Delta R.T. -0.000 min  
Lab File: VW032066.D  
Acq: 11 Aug 2025 15:06

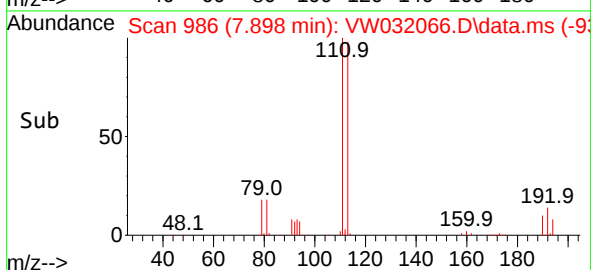
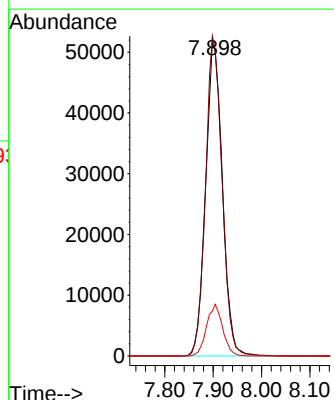
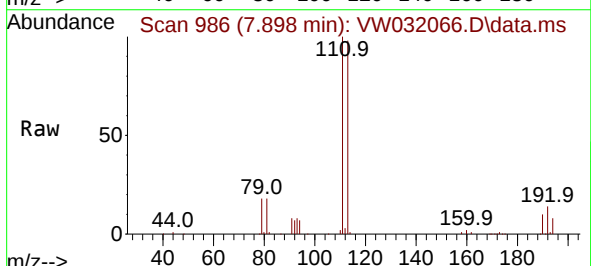
Instrument :  
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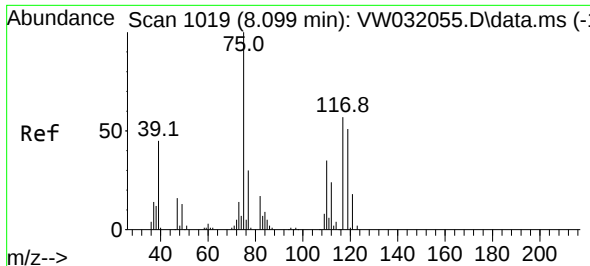
Tgt Ion:114 Resp: 347441  
Ion Ratio Lower Upper  
114 100  
63 21.6 0.0 43.0  
88 16.5 0.0 33.8



#35  
Dibromofluoromethane  
Concen: 55.440 ug/l  
RT: 7.898 min Scan# 986  
Delta R.T. -0.000 min  
Lab File: VW032066.D  
Acq: 11 Aug 2025 15:06

Tgt Ion:113 Resp: 124442  
Ion Ratio Lower Upper  
113 100  
111 100.4 80.1 120.1  
192 15.8 13.1 19.7





#36

1,1-Dichloropropene

Concen: 4.766 ug/l

RT: 7.965 min Scan# 997

Delta R.T. -0.134 min

Lab File: VW032066.D

Acq: 11 Aug 2025 15:06

Instrument :

MSVOA\_W

ClientSampleId :

TP-7-VOC

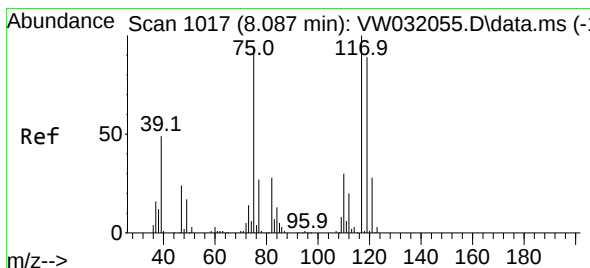
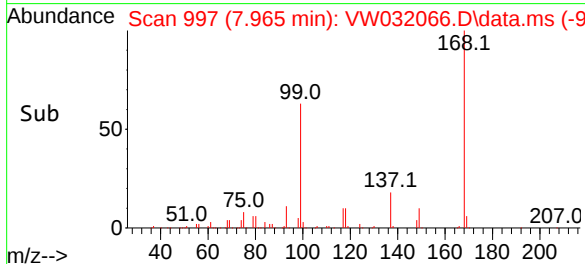
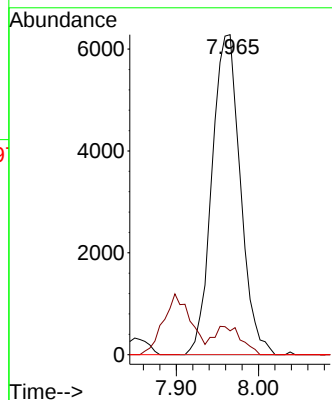
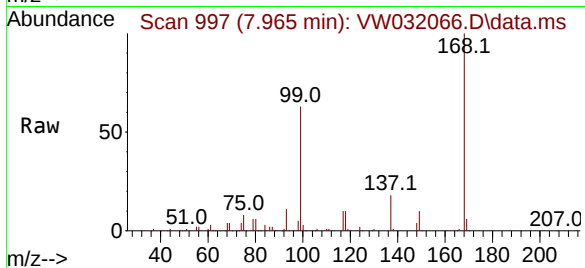
Tgt Ion: 75 Resp: 15081

Ion Ratio Lower Upper

75 100

110 8.7 17.4 52.2#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.235 ug/l

RT: 7.959 min Scan# 996

Delta R.T. -0.128 min

Lab File: VW032066.D

Acq: 11 Aug 2025 15:06

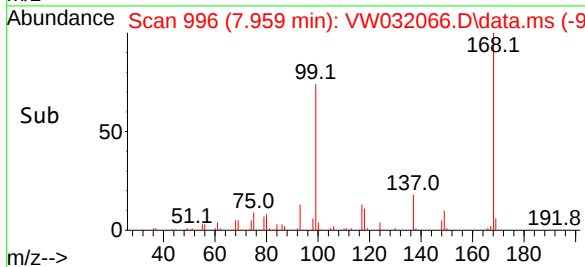
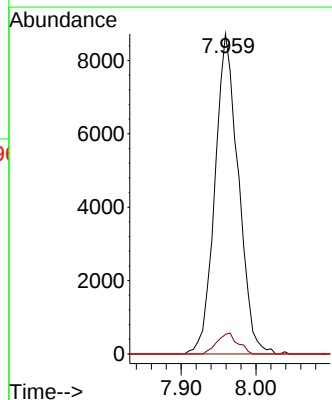
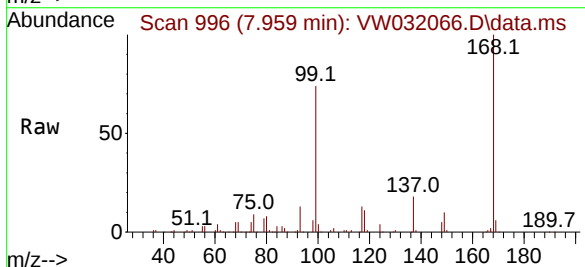
Tgt Ion: 117 Resp: 19039

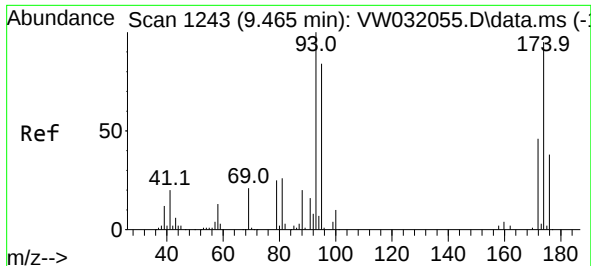
Ion Ratio Lower Upper

117 100

119 6.1 71.4 107.2#

121 0.0 22.3 33.5#





#49

1,4-Dioxane

Concen: 1.059 ug/l

RT: 9.453 min Scan# 1241

Delta R.T. -0.012 min

Lab File: VW032066.D

Acq: 11 Aug 2025 15:06

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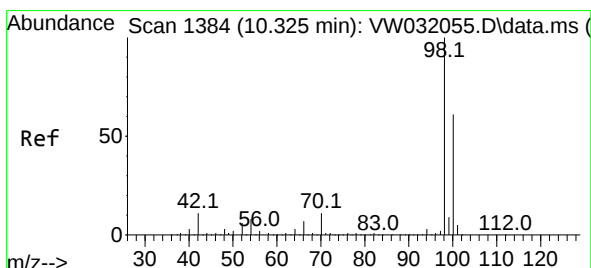
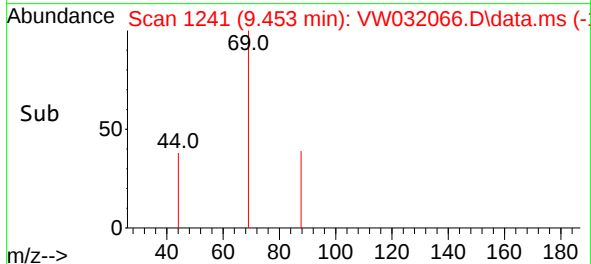
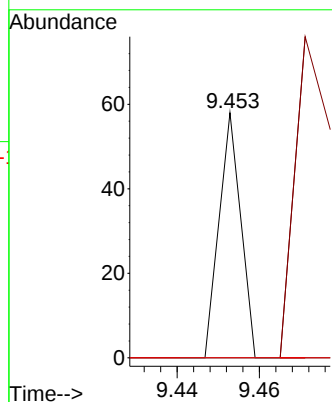
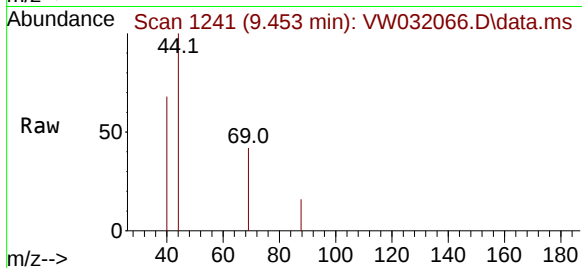
Tgt Ion: 88 Resp: 21

Ion Ratio Lower Upper

88 100

43 228.6 20.6 30.8#

58 0.0 60.4 90.6#



#50

Toluene-d8

Concen: 53.241 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032066.D

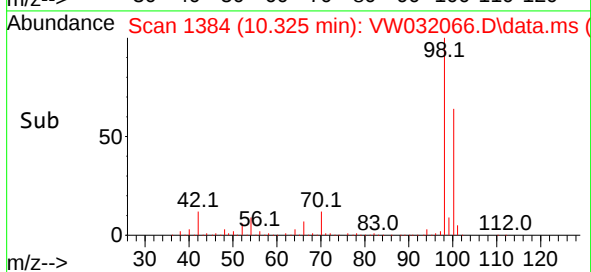
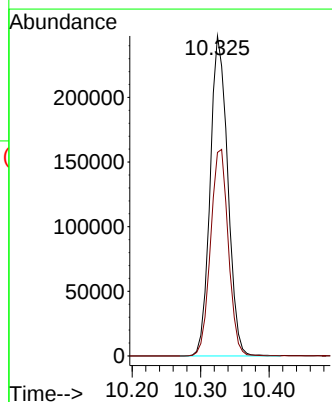
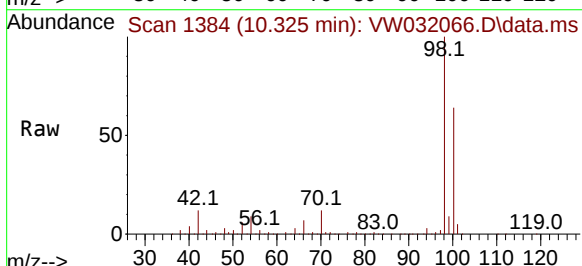
Acq: 11 Aug 2025 15:06

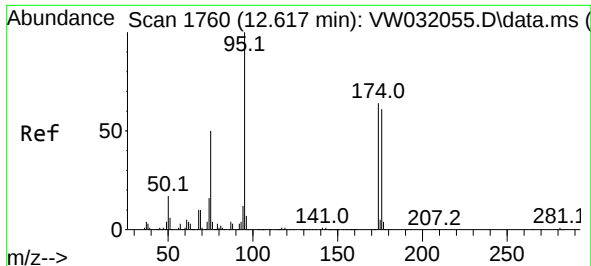
Tgt Ion: 98 Resp: 442015

Ion Ratio Lower Upper

98 100

100 65.0 51.1 76.7

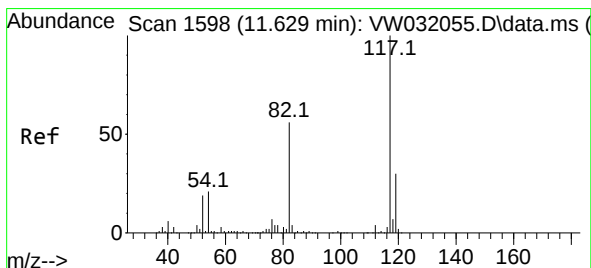
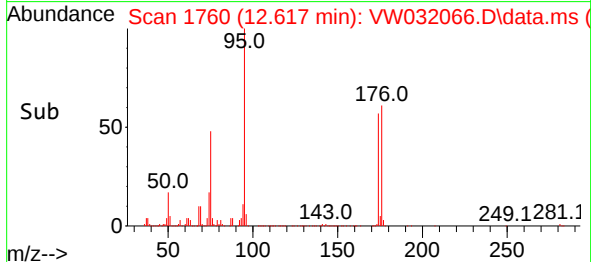
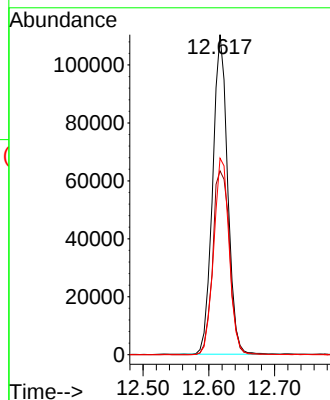
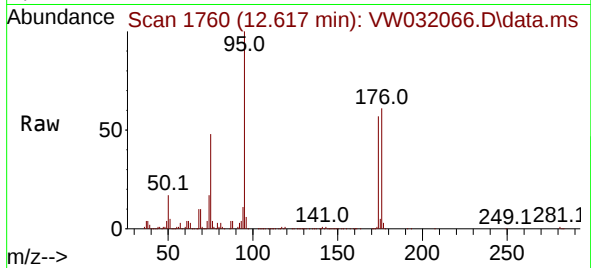




#62  
4-Bromofluorobenzene  
Concen: 57.268 ug/l  
RT: 12.617 min Scan# 1760  
Delta R.T. -0.000 min  
Lab File: VW032066.D  
Acq: 11 Aug 2025 15:06

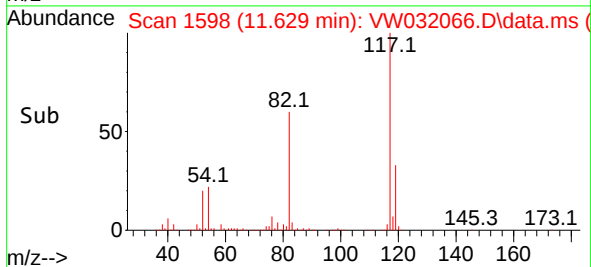
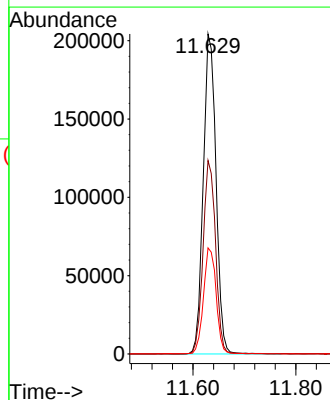
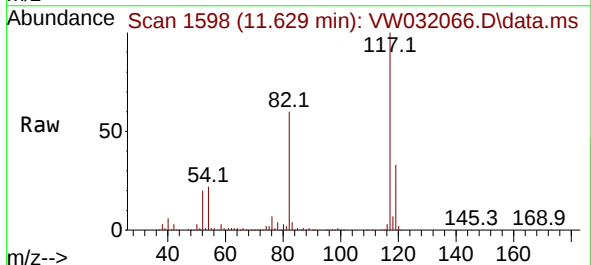
Instrument :  
MSVOA\_W  
ClientSampleId :  
TP-7-VOC

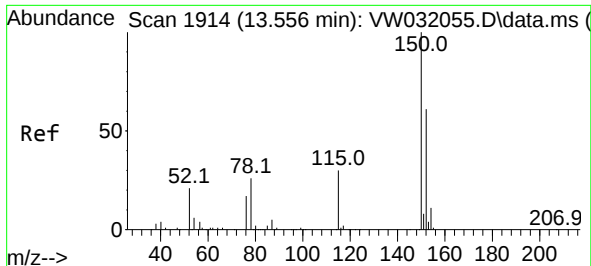
Tgt Ion: 95 Resp: 175209  
Ion Ratio Lower Upper  
95 100  
174 64.9 0.0 129.0  
176 63.4 0.0 124.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.629 min Scan# 1598  
Delta R.T. -0.000 min  
Lab File: VW032066.D  
Acq: 11 Aug 2025 15:06

Tgt Ion: 117 Resp: 351214  
Ion Ratio Lower Upper  
117 100  
82 60.5 45.0 67.4  
119 33.1 24.2 36.4

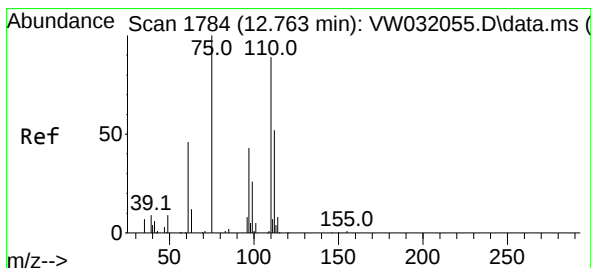
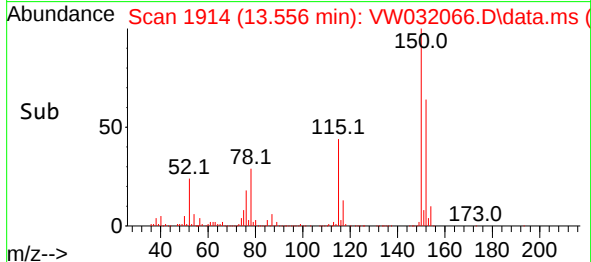
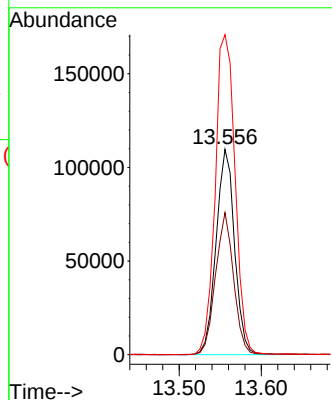
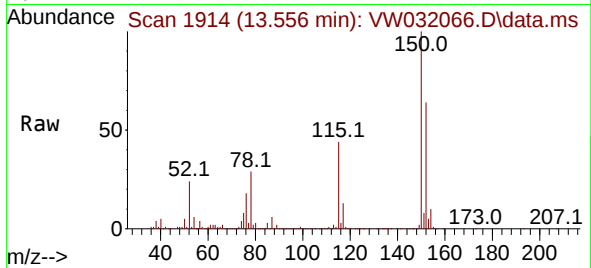




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.556 min Scan# 1914  
Delta R.T. -0.000 min  
Lab File: VW032066.D  
Acq: 11 Aug 2025 15:06

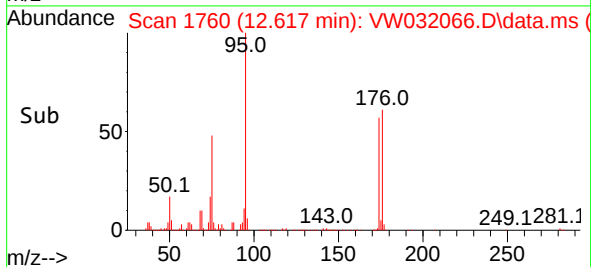
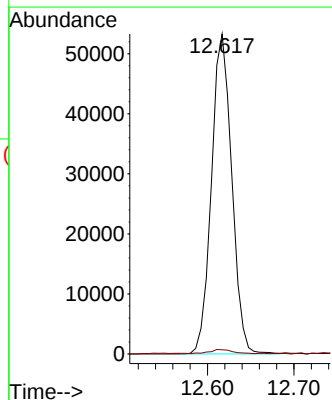
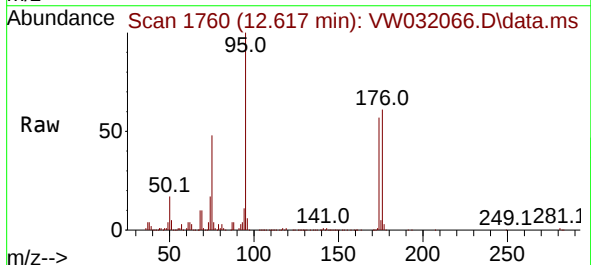
Instrument :  
MSVOA\_W  
ClientSampleId :  
TP-7-VOC

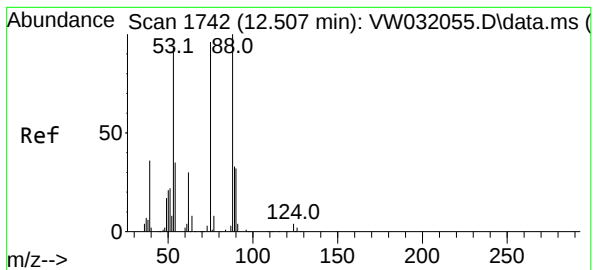
Tgt Ion:152 Resp: 171539  
Ion Ratio Lower Upper  
152 100  
115 67.8 32.6 97.8  
150 166.9 0.0 359.4



#76  
1,2,3-Trichloropropane  
Concen: 37.282 ug/l  
RT: 12.617 min Scan# 1760  
Delta R.T. -0.146 min  
Lab File: VW032066.D  
Acq: 11 Aug 2025 15:06

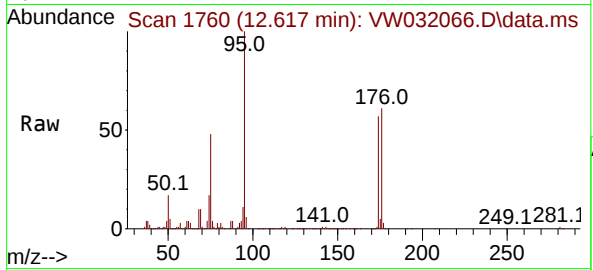
Tgt Ion: 75 Resp: 86800  
Ion Ratio Lower Upper  
75 100  
77 1.5 123.5 370.5#





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 96.520 ug/l  
 RT: 12.617 min Scan# 11  
 Delta R.T. 0.110 min  
 Lab File: VW032066.D  
 Acq: 11 Aug 2025 15:06

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 TP-7-VOC



Tgt Ion: 75 Resp: 86800  
 Ion Ratio Lower Upper  
 75 100  
 53 0.1 81.0 121.6#  
 89 0.0 37.3 55.9#

