

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072425\  
 Data File : VW031919.D  
 Acq On : 24 Jul 2025 10:40  
 Operator : SY/MD  
 Sample : Q2676-01  
 Misc : 5.20g/5mL/MSVOA\_W/SOIL/B  
 ALS Vial : 7 Sample Multiplier: 1

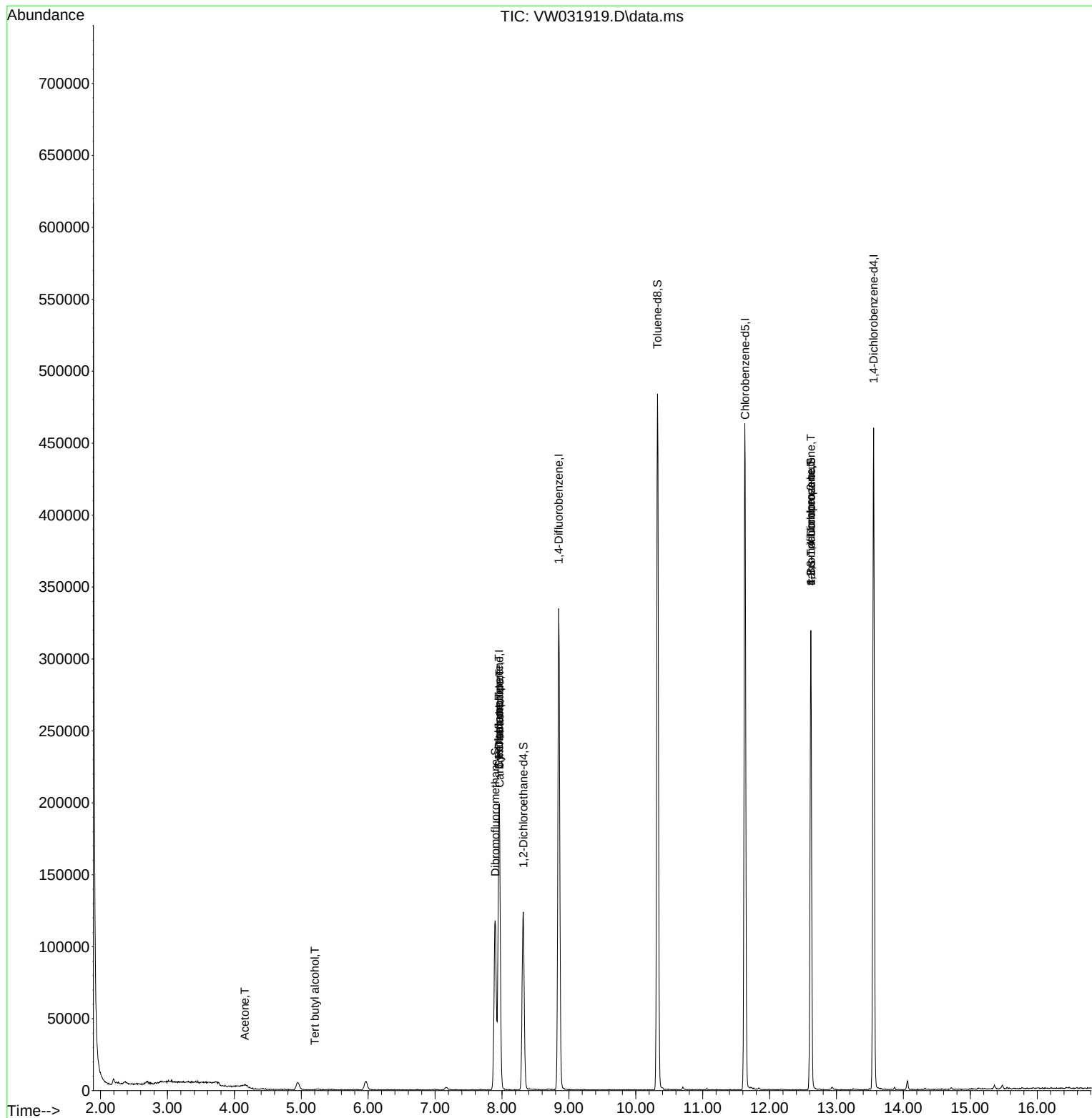
Quant Time: Jul 25 03:42:32 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W072225S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 23 08:18:46 2025  
 Response via : Initial Calibration

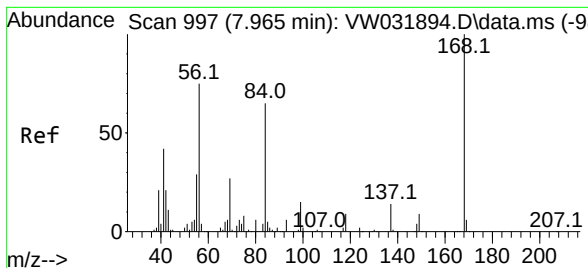
| Compound                      | R.T.   | QIon           | Response | Conc      | Units   | Dev(Min) |
|-------------------------------|--------|----------------|----------|-----------|---------|----------|
| -----                         |        |                |          |           |         |          |
| Internal Standards            |        |                |          |           |         |          |
| 1) Pentafluorobenzene         | 7.959  | 168            | 137483   | 50.000    | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.849  | 114            | 276584   | 50.000    | ug/l    | 0.00     |
| 63) Chlorobenzene-d5          | 11.635 | 117            | 254272   | 50.000    | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.556 | 152            | 119666   | 50.000    | ug/l    | 0.00     |
| System Monitoring Compounds   |        |                |          |           |         |          |
| 33) 1,2-Dichloroethane-d4     | 8.319  | 65             | 102610   | 49.337    | ug/l    | 0.00     |
| Spiked Amount                 | 50.000 | Range 63 - 155 | Recovery | =         | 98.680% |          |
| 35) Dibromofluoromethane      | 7.898  | 113            | 91540    | 48.706    | ug/l    | 0.00     |
| Spiked Amount                 | 50.000 | Range 70 - 134 | Recovery | =         | 97.420% |          |
| 50) Toluene-d8                | 10.325 | 98             | 326121   | 45.848    | ug/l    | 0.00     |
| Spiked Amount                 | 50.000 | Range 74 - 123 | Recovery | =         | 91.700% |          |
| 62) 4-Bromofluorobenzene      | 12.617 | 95             | 112758   | 41.284    | ug/l    | 0.00     |
| Spiked Amount                 | 50.000 | Range 17 - 146 | Recovery | =         | 82.560% |          |
| Target Compounds              |        |                |          |           |         |          |
|                               |        |                |          |           | Qvalue  |          |
| 11) Tert butyl alcohol        | 5.204  | 59             | 128      | 1.047     | ug/l #  | 72       |
| 13) Acrolein                  | 3.923  | 56             | 89       | Below Cal | #       | 1        |
| 16) Acetone                   | 4.155  | 43             | 2709     | 5.489     | ug/l    | 98       |
| 20) Methylene Chloride        | 4.960  | 84             | 4312     | Below Cal | #       | 85       |
| 31) Cyclohexane               | 7.953  | 56             | 3554     | 1.114     | ug/l #  | 1        |
| 36) 1,1-Dichloropropene       | 7.953  | 75             | 13205    | 4.575     | ug/l #  | 51       |
| 38) Carbon Tetrachloride      | 7.965  | 117            | 16404    | 5.922     | ug/l #  | 15       |
| 76) 1,2,3-Trichloropropane    | 12.617 | 75             | 57889    | 35.038    | ug/l #  | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.617 | 75             | 57889    | 80.893    | ug/l #  | 8        |
| -----                         |        |                |          |           |         |          |

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

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Sample : Q2676-01  
Misc : 5.20g/5mL/MSVOA\_W/SOIL/B  
ALS Vial : 7 Sample Multiplier: 1

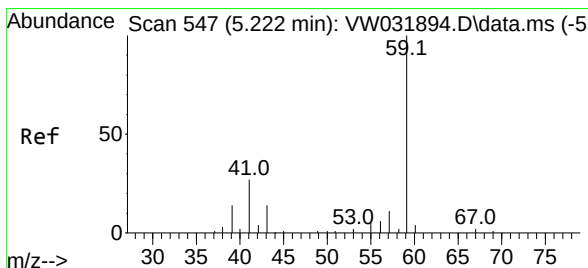
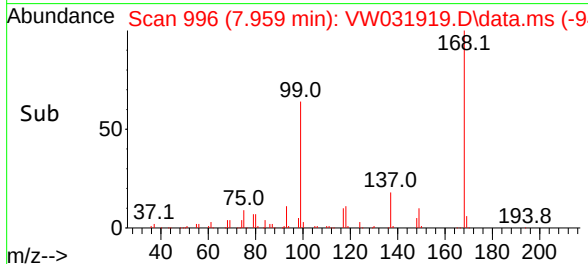
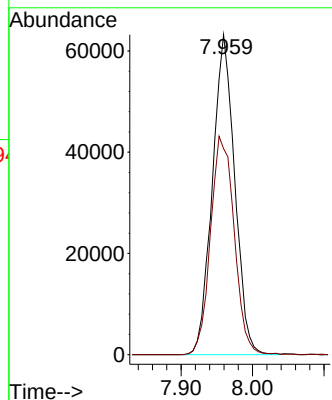
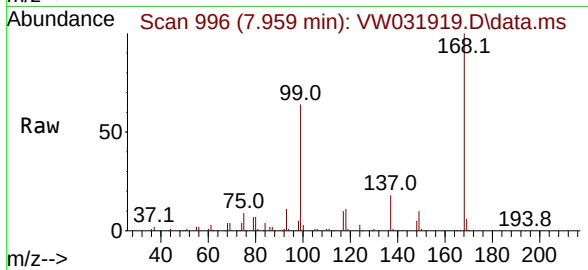
Quant Time: Jul 25 03:42:32 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W072225S.M  
Quant Title : SW846 8260  
QLast Update : Wed Jul 23 08:18:46 2025  
Response via : Initial Calibration





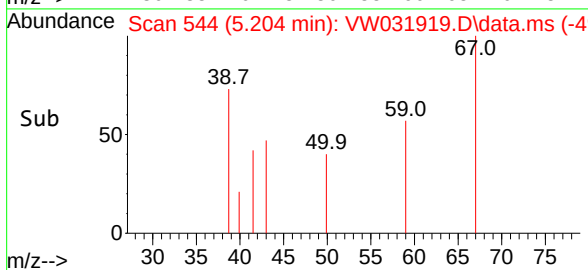
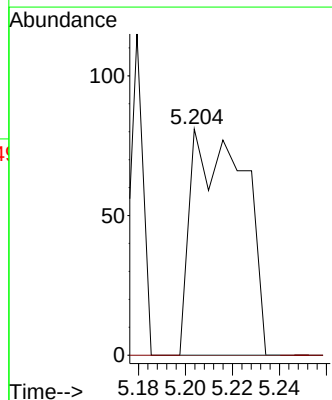
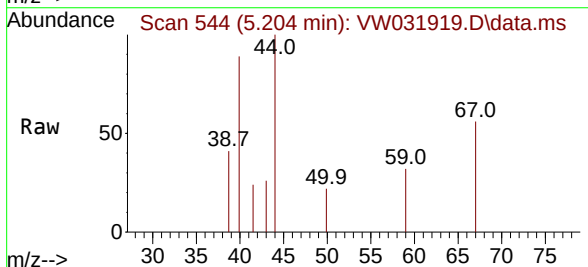
#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.959 min Scan# 996  
Delta R.T. -0.006 min  
Lab File: VW031919.D  
Acq: 24 Jul 2025 10:40

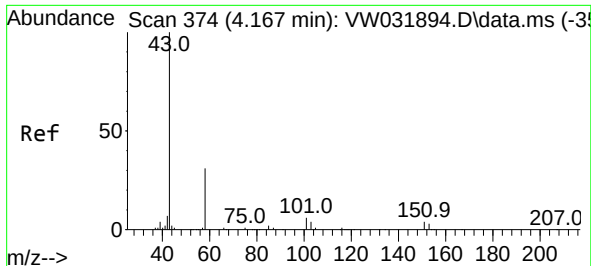
Tgt Ion:168 Resp: 137483  
Ion Ratio Lower Upper  
168 100  
99 64.4 48.2 72.2



#11  
Tert butyl alcohol  
Concen: 1.047 ug/l  
RT: 5.204 min Scan# 544  
Delta R.T. -0.018 min  
Lab File: VW031919.D  
Acq: 24 Jul 2025 10:40

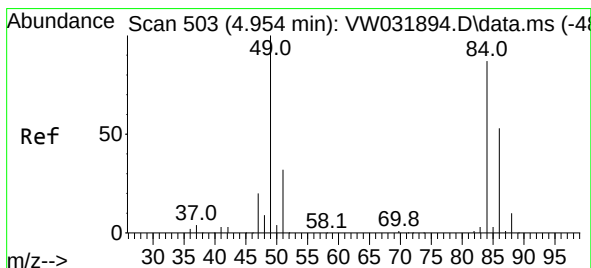
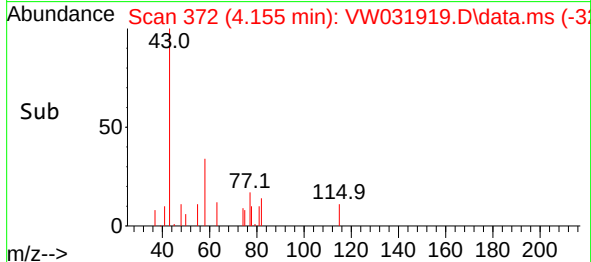
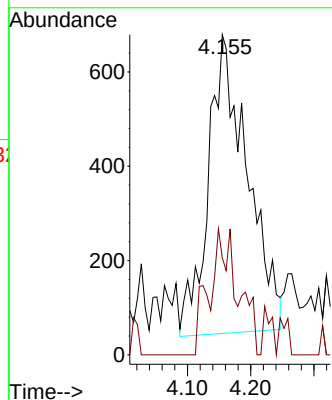
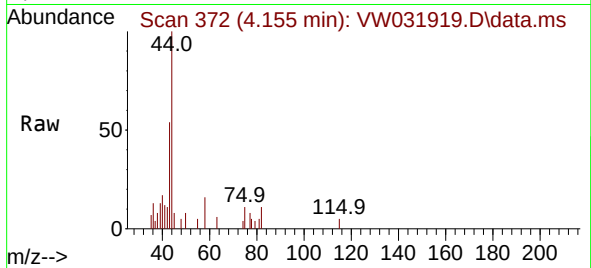
Tgt Ion: 59 Resp: 128  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.6 12.8#





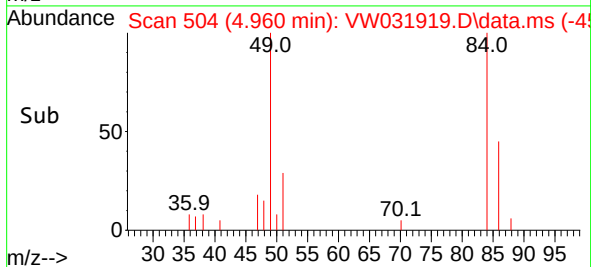
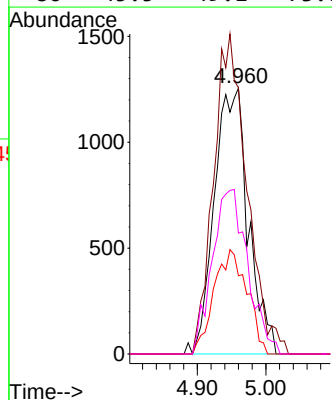
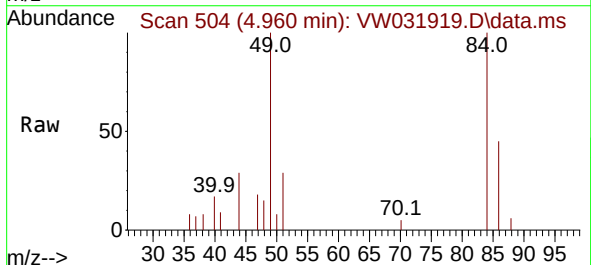
#16  
Acetone  
Concen: 5.489 ug/l  
RT: 4.155 min Scan# 372  
Delta R.T. -0.012 min  
Lab File: VW031919.D  
Acq: 24 Jul 2025 10:40

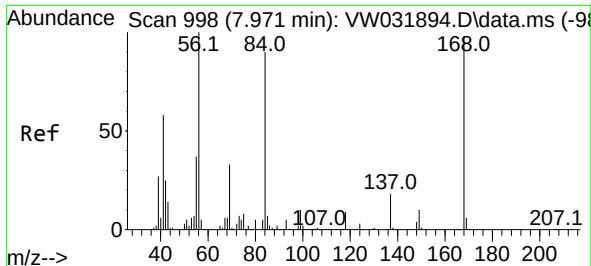
Tgt Ion: 43 Resp: 2709  
Ion Ratio Lower Upper  
43 100  
58 33.0 25.5 38.3



#20  
Methylene Chloride  
Concen: Below Cal  
RT: 4.960 min Scan# 504  
Delta R.T. 0.006 min  
Lab File: VW031919.D  
Acq: 24 Jul 2025 10:40

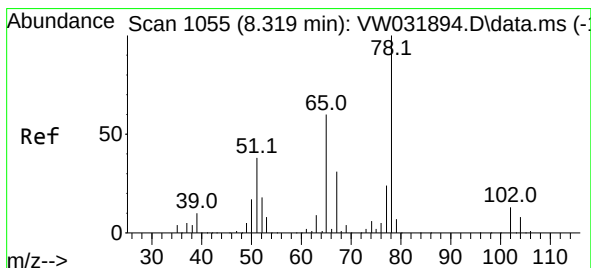
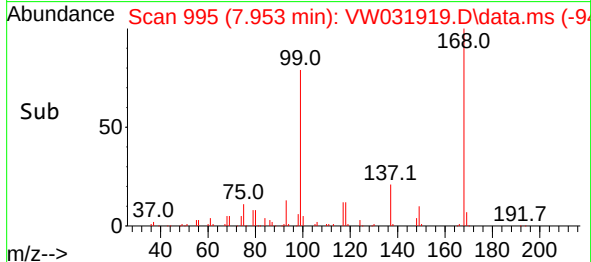
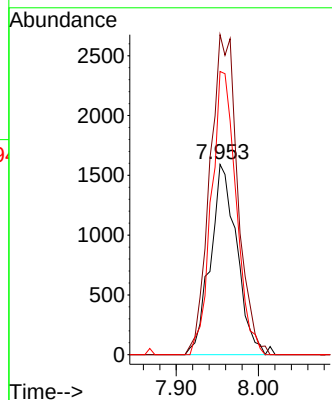
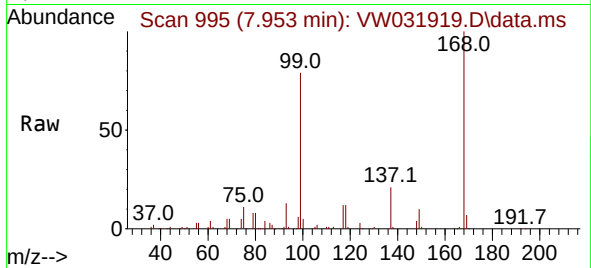
Tgt Ion: 84 Resp: 4312  
Ion Ratio Lower Upper  
84 100  
49 100.1 91.9 137.9  
51 29.5 29.0 43.6  
86 45.5 49.1 73.7#





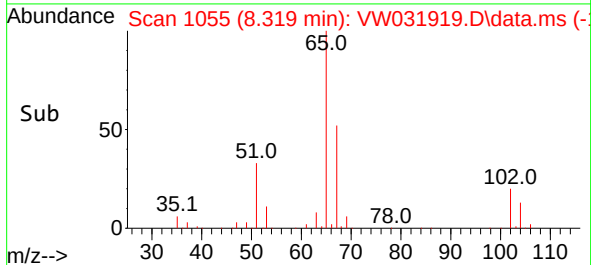
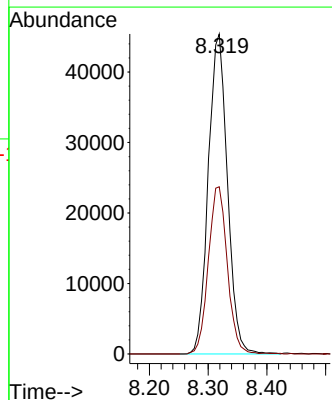
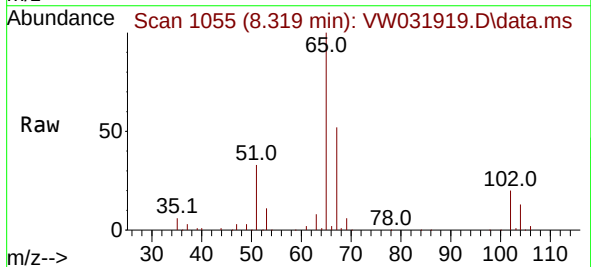
#31  
Cyclohexane  
Concen: 1.114 ug/l  
RT: 7.953 min Scan# 995  
Delta R.T. -0.018 min  
Lab File: VW031919.D  
Acq: 24 Jul 2025 10:40

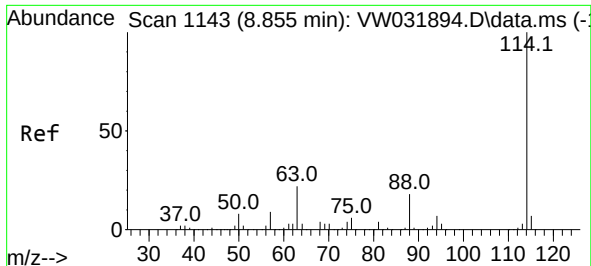
Tgt Ion: 56 Resp: 3554  
Ion Ratio Lower Upper  
56 100  
69 168.2 26.7 40.1#  
84 148.9 71.8 107.6#



#33  
1,2-Dichloroethane-d4  
Concen: 49.337 ug/l  
RT: 8.319 min Scan# 1055  
Delta R.T. 0.000 min  
Lab File: VW031919.D  
Acq: 24 Jul 2025 10:40

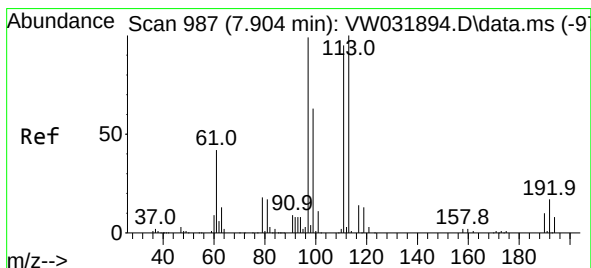
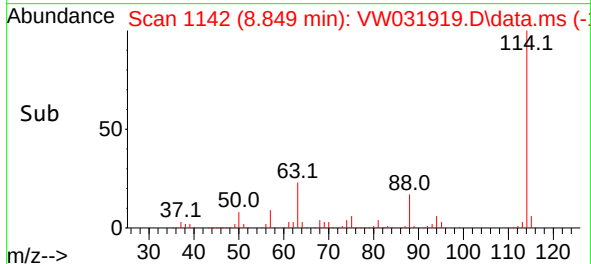
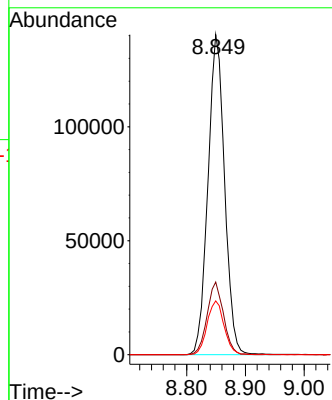
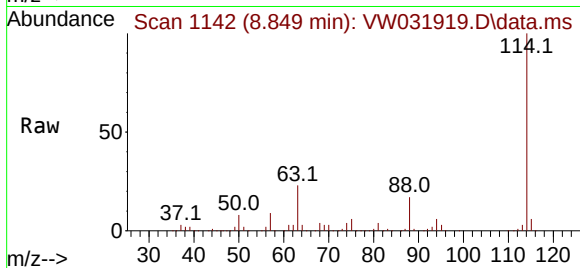
Tgt Ion: 65 Resp: 102610  
Ion Ratio Lower Upper  
65 100  
67 51.9 0.0 101.4





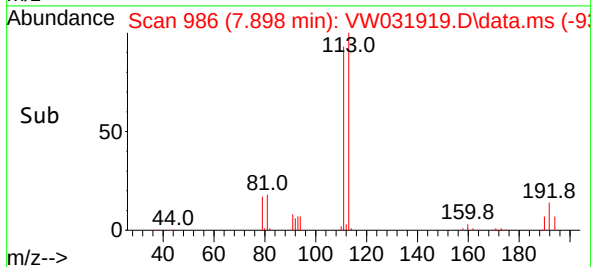
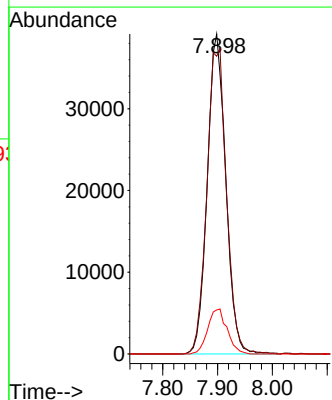
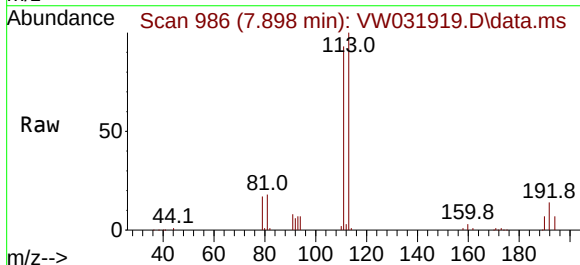
#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.849 min Scan# 1142  
Delta R.T. -0.006 min  
Lab File: VW031919.D  
Acq: 24 Jul 2025 10:40

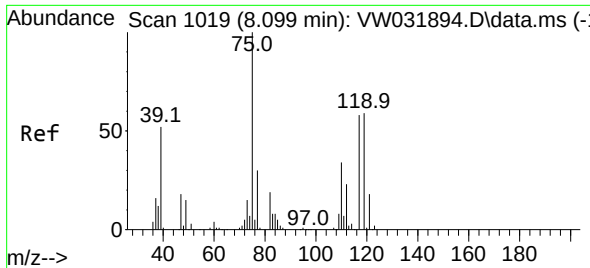
Tgt Ion:114 Resp: 276584  
Ion Ratio Lower Upper  
114 100  
63 22.7 0.0 44.2  
88 16.8 0.0 35.6



#35  
Dibromofluoromethane  
Concen: 48.706 ug/l  
RT: 7.898 min Scan# 986  
Delta R.T. -0.006 min  
Lab File: VW031919.D  
Acq: 24 Jul 2025 10:40

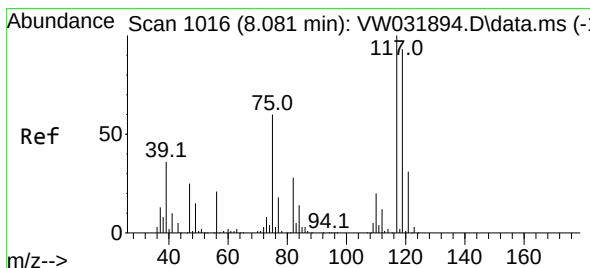
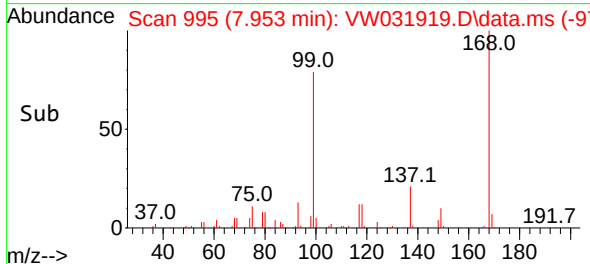
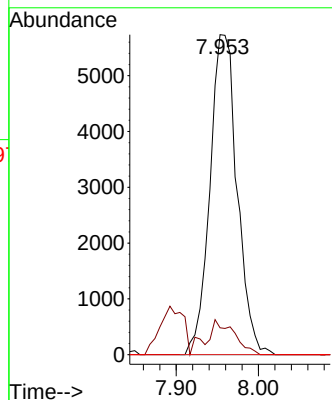
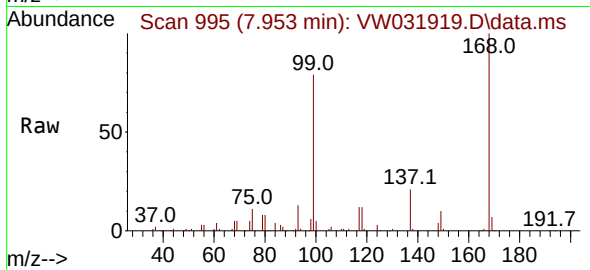
Tgt Ion:113 Resp: 91540  
Ion Ratio Lower Upper  
113 100  
111 101.2 79.9 119.9  
192 14.7 12.6 19.0





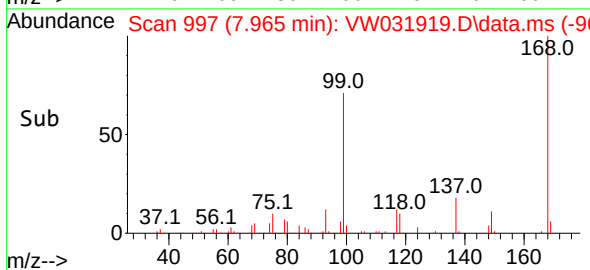
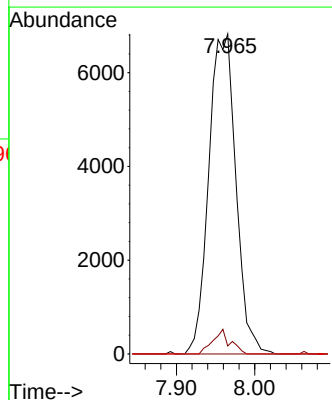
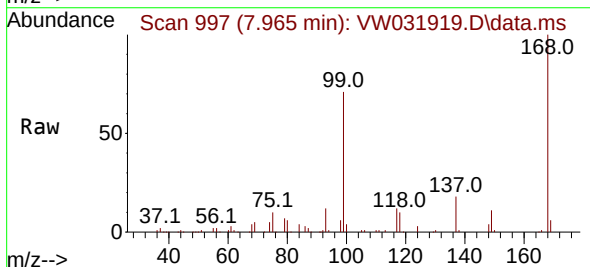
#36  
1,1-Dichloropropene  
Concen: 4.575 ug/l  
RT: 7.953 min Scan# 995  
Delta R.T. -0.146 min  
Lab File: VW031919.D  
Acq: 24 Jul 2025 10:40

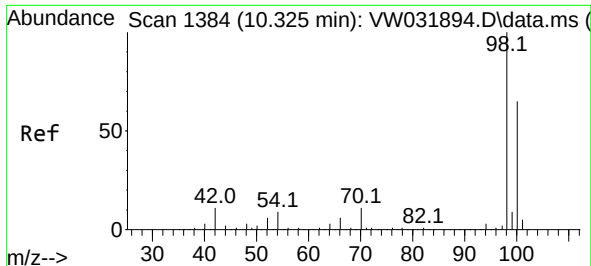
Tgt Ion: 75 Resp: 13205  
Ion Ratio Lower Upper  
75 100  
110 9.6 17.0 50.9#  
77 0.0 25.1 37.7#



#38  
Carbon Tetrachloride  
Concen: 5.922 ug/l  
RT: 7.965 min Scan# 997  
Delta R.T. -0.116 min  
Lab File: VW031919.D  
Acq: 24 Jul 2025 10:40

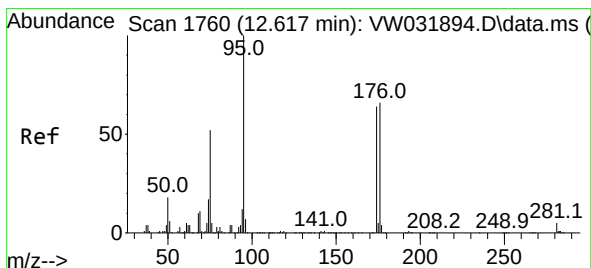
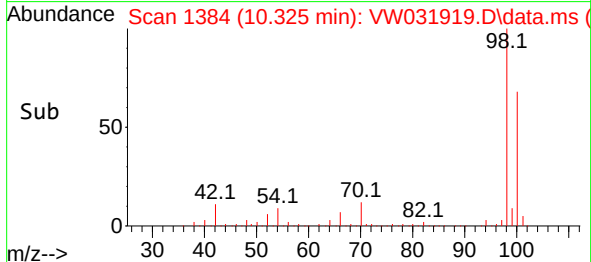
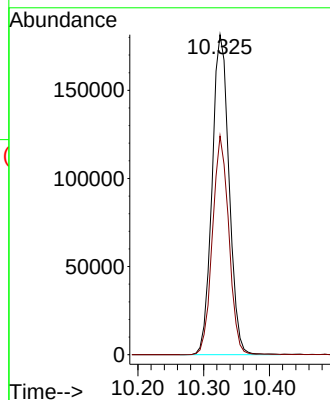
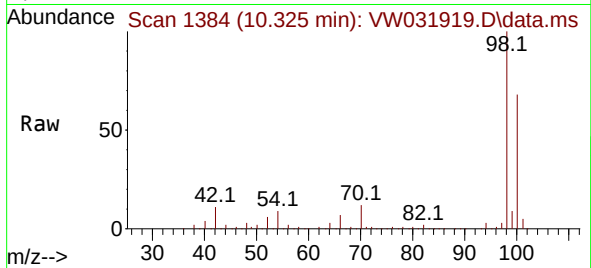
Tgt Ion: 117 Resp: 16404  
Ion Ratio Lower Upper  
117 100  
119 2.5 74.3 111.5#  
121 0.0 24.6 37.0#





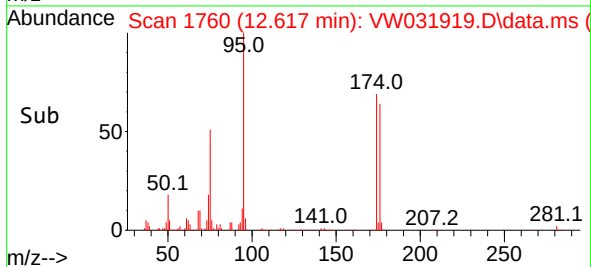
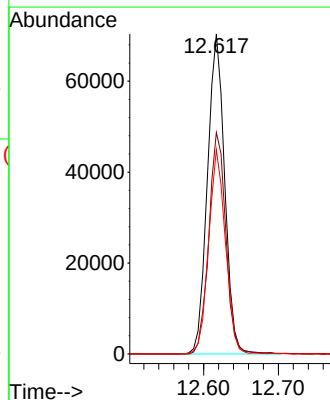
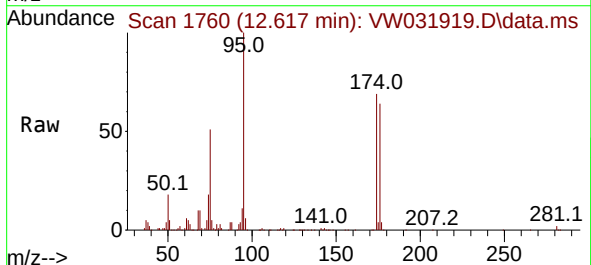
#50  
Toluene-d8  
Concen: 45.848 ug/l  
RT: 10.325 min Scan# 1384  
Delta R.T. 0.000 min  
Lab File: VW031919.D  
Acq: 24 Jul 2025 10:40

Tgt Ion: 98 Resp: 326121  
Ion Ratio Lower Upper  
98 100  
100 66.1 51.7 77.5

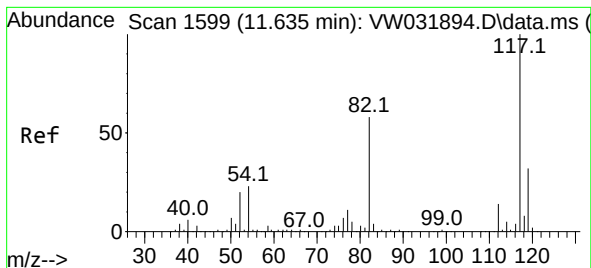


#62  
4-Bromofluorobenzene  
Concen: 41.284 ug/l  
RT: 12.617 min Scan# 1760  
Delta R.T. 0.000 min  
Lab File: VW031919.D  
Acq: 24 Jul 2025 10:40

Tgt Ion: 95 Resp: 112758  
Ion Ratio Lower Upper  
95 100  
174 68.2 0.0 129.8  
176 62.4 0.0 130.4

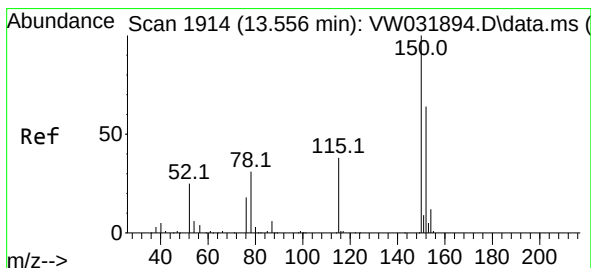
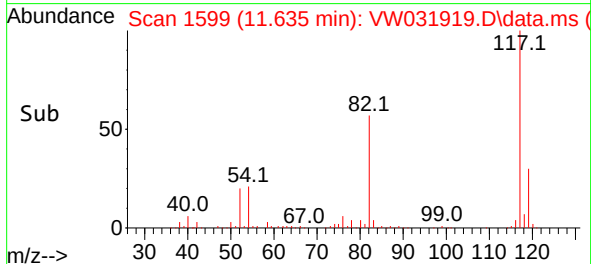
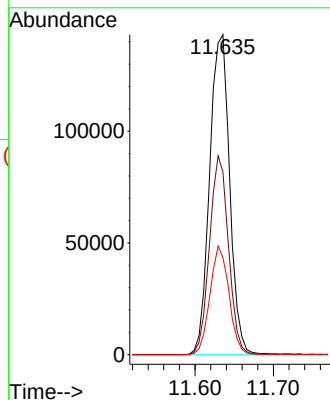
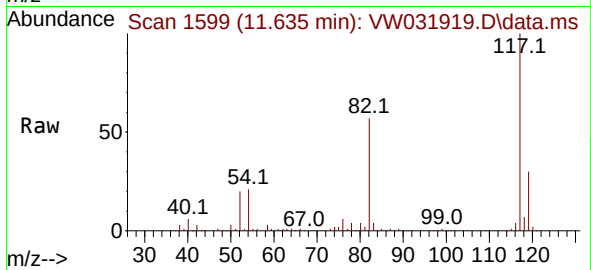






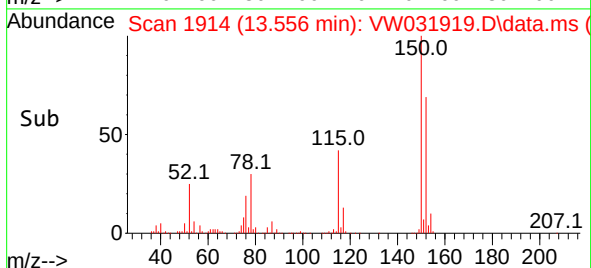
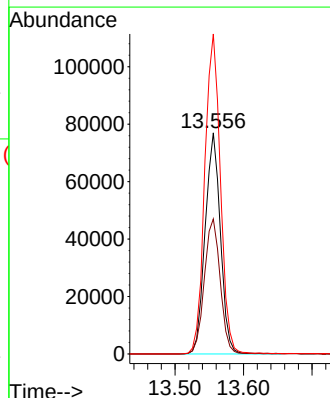
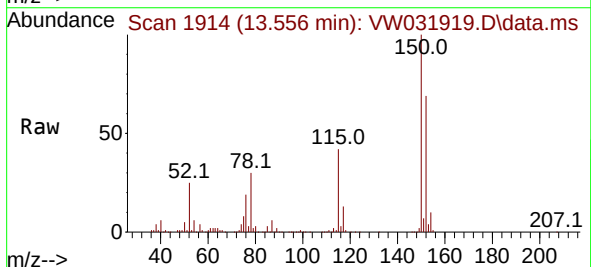
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.635 min Scan# 1599  
Delta R.T. 0.000 min  
Lab File: VW031919.D  
Acq: 24 Jul 2025 10:40

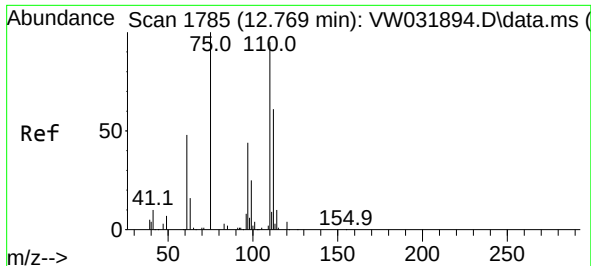
Tgt Ion:117 Resp: 254272  
Ion Ratio Lower Upper  
117 100  
82 57.1 46.5 69.7  
119 30.4 25.8 38.6



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.556 min Scan# 1914  
Delta R.T. 0.000 min  
Lab File: VW031919.D  
Acq: 24 Jul 2025 10:40

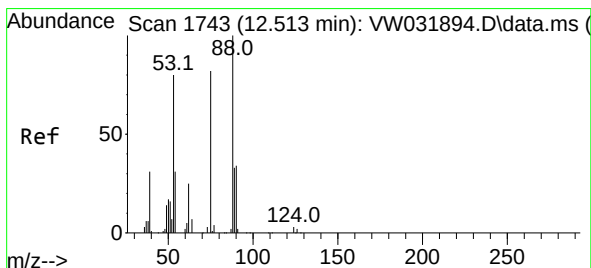
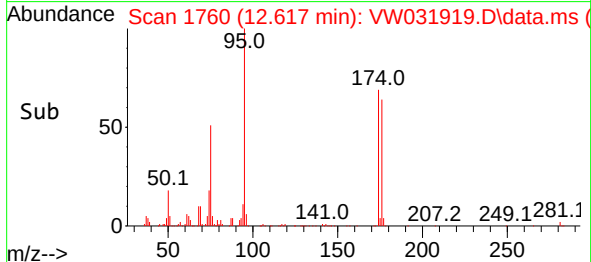
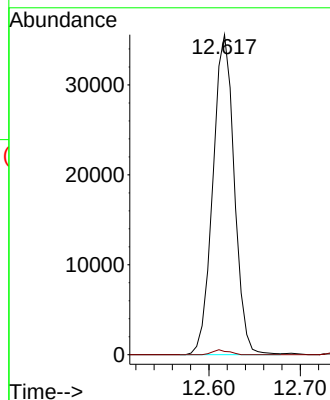
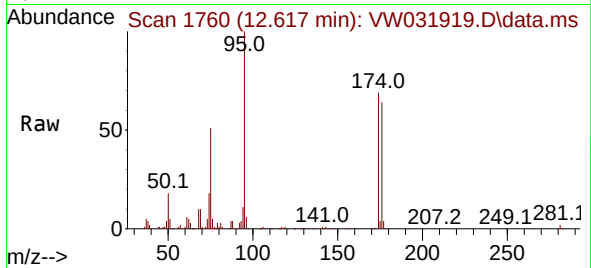
Tgt Ion:152 Resp: 119666  
Ion Ratio Lower Upper  
152 100  
115 63.5 33.4 100.1  
150 148.2 0.0 352.2





#76  
1,2,3-Trichloropropane  
Concen: 35.038 ug/l  
RT: 12.617 min Scan# 1760  
Delta R.T. -0.152 min  
Lab File: VW031919.D  
Acq: 24 Jul 2025 10:40

Tgt Ion: 75 Resp: 57889  
Ion Ratio Lower Upper  
75 100  
77 1.2 0.0 0.0#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 80.893 ug/l  
RT: 12.617 min Scan# 1760  
Delta R.T. 0.104 min  
Lab File: VW031919.D  
Acq: 24 Jul 2025 10:40

Tgt Ion: 75 Resp: 57889  
Ion Ratio Lower Upper  
75 100  
53 0.0 83.7 125.5#  
89 0.0 39.0 58.6#

