

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071125\  
 Data File : VW031829.D  
 Acq On : 11 Jul 2025 18:44  
 Operator : SY/MD  
 Sample : Q2571-03  
 Misc : 5.00g/5mL/MSVOA\_W/SOIL/A  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jul 11 22:53:00 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W063025S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 01 03:35:17 2025  
 Response via : Initial Calibration

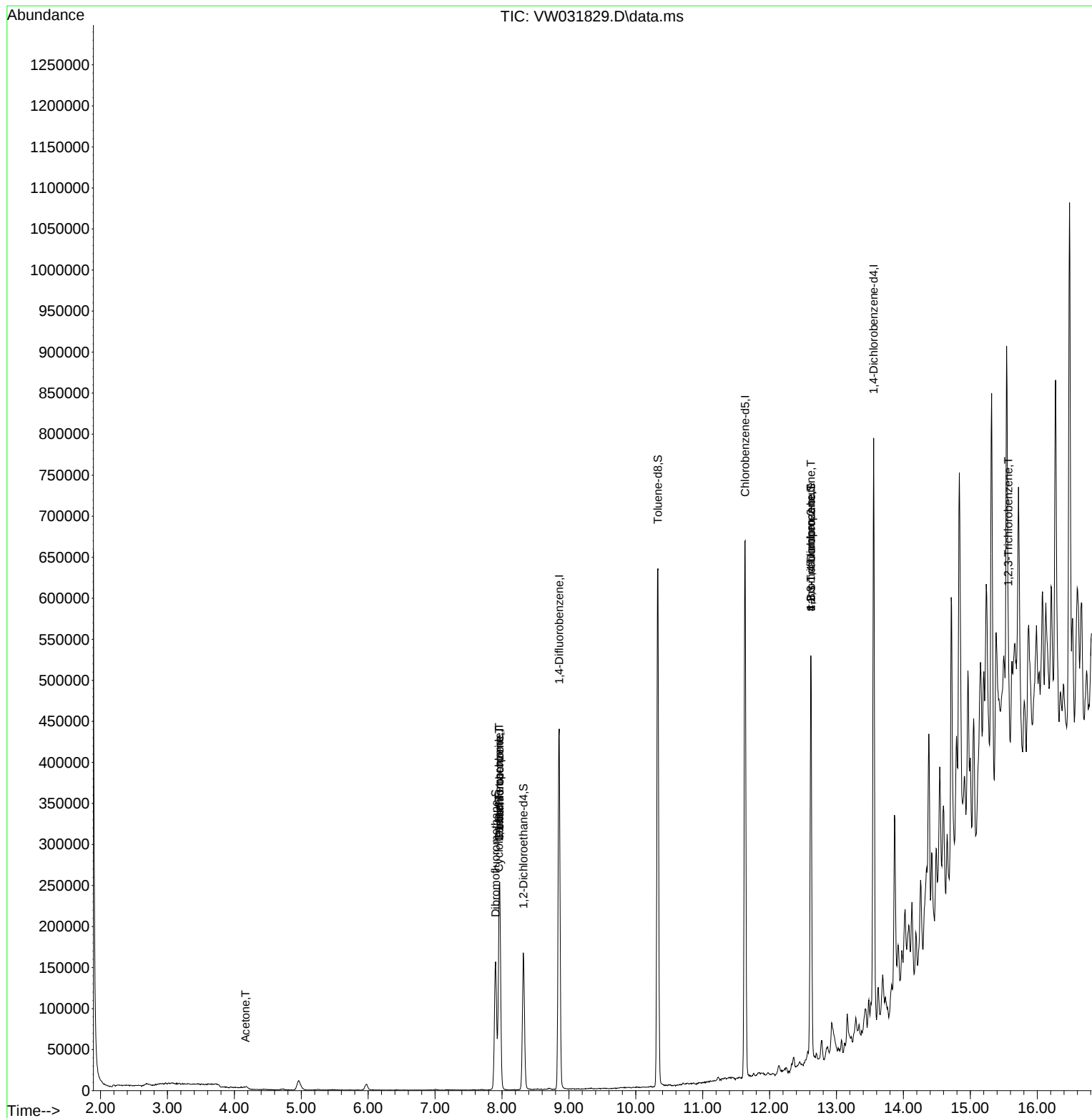
| Compound                      | R.T.   | QIon  | Response | Conc      | Units      | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|------------|----------|
| -----                         |        |       |          |           |            |          |
| Internal Standards            |        |       |          |           |            |          |
| 1) Pentafluorobenzene         | 7.965  | 168   | 174680   | 50.000    | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.855  | 114   | 378020   | 50.000    | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 11.635 | 117   | 361438   | 50.000    | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 165322   | 50.000    | ug/l       | 0.00     |
| System Monitoring Compounds   |        |       |          |           |            |          |
| 33) 1,2-Dichloroethane-d4     | 8.319  | 65    | 135345   | 53.990    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 63 - 155 | Recovery  | = 107.980% |          |
| 35) Dibromofluoromethane      | 7.904  | 113   | 114419   | 46.385    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 70 - 134 | Recovery  | = 92.760%  |          |
| 50) Toluene-d8                | 10.331 | 98    | 425565   | 46.359    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 74 - 123 | Recovery  | = 92.720%  |          |
| 62) 4-Bromofluorobenzene      | 12.617 | 95    | 176960   | 52.384    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 17 - 146 | Recovery  | = 104.760% |          |
| Target Compounds              |        |       |          |           |            |          |
|                               |        |       |          |           | Qvalue     |          |
| 16) Acetone                   | 4.167  | 43    | 2664     | 4.299     | ug/l #     | 87       |
| 20) Methylene Chloride        | 4.966  | 84    | 10496    | Below Cal |            | 96       |
| 31) Cyclohexane               | 7.953  | 56    | 4650     | 1.303     | ug/l #     | 17       |
| 36) 1,1-Dichloropropene       | 7.959  | 75    | 17388    | 4.871     | ug/l #     | 50       |
| 38) Carbon Tetrachloride      | 7.959  | 117   | 19998    | 5.498     | ug/l #     | 18       |
| 76) 1,2,3-Trichloropropane    | 12.617 | 75    | 91477    | 42.818    | ug/l #     | 1        |
| 81) trans-1,4-Dichloro-2-b... | 12.617 | 75    | 91477    | 99.729    | ug/l #     | 8        |
| 96) 1,2,3-Trichlorobenzene    | 15.568 | 180   | 5892     | 2.022     | ug/l #     | 22       |
| -----                         |        |       |          |           |            |          |

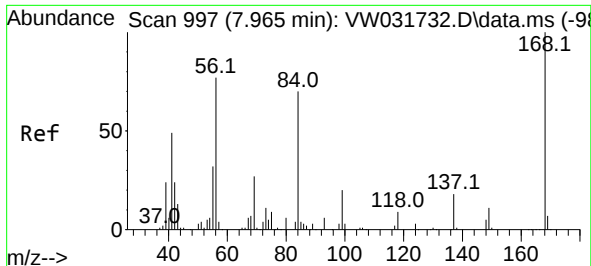
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071125\  
Data File : VW031829.D  
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Sample : Q2571-03  
Misc : 5.00g/5mL/MSVOA\_W/SOIL/A  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :

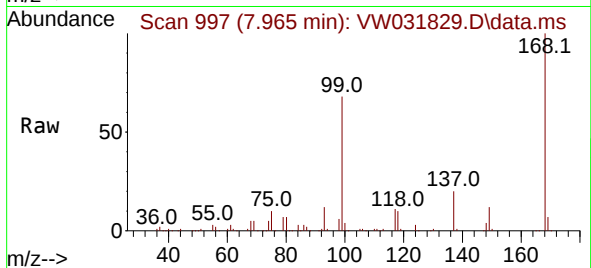
Quant Time: Jul 11 22:53:00 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W063025S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jul 01 03:35:17 2025  
Response via : Initial Calibration



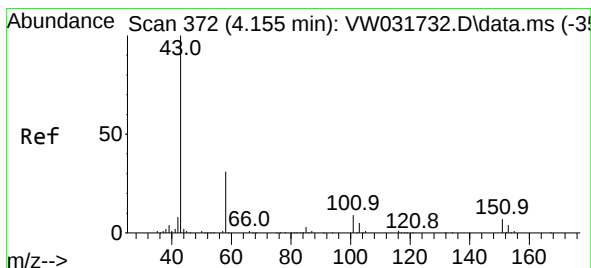
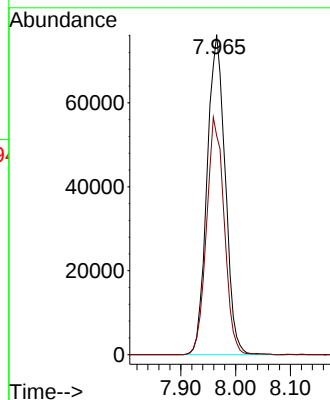
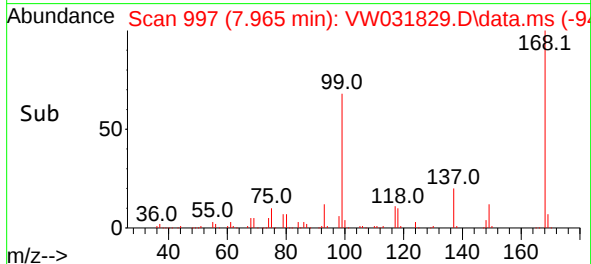


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.965 min Scan# 997  
Delta R.T. 0.000 min  
Lab File: VW031829.D  
Acq: 11 Jul 2025 18:44

Instrument :  
MSVOA\_W  
ClientSampleId :

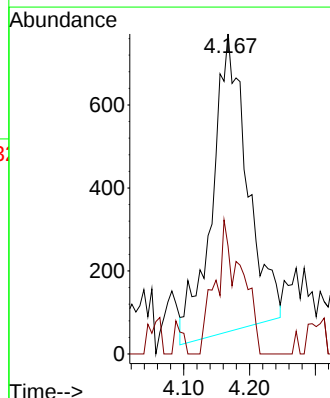
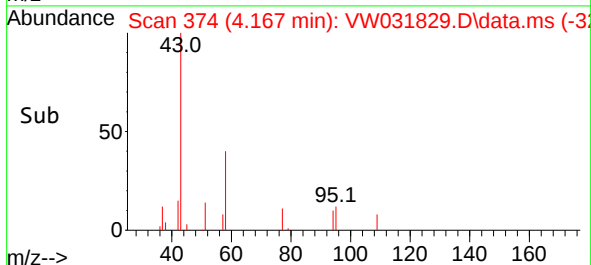
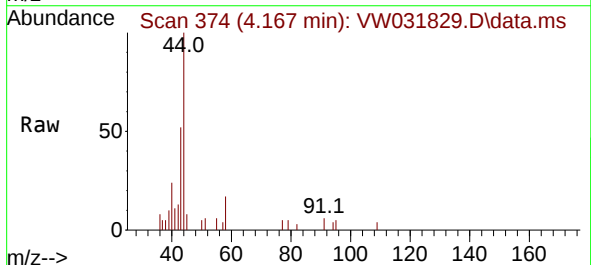


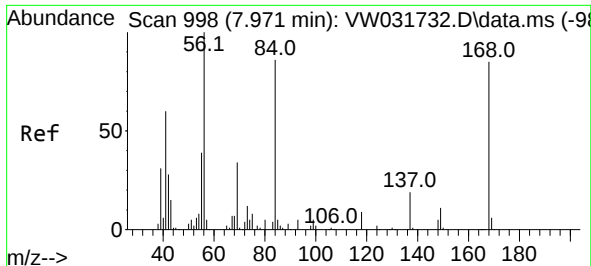
Tgt Ion:168 Resp: 174680  
Ion Ratio Lower Upper  
168 100  
99 68.4 49.4 74.2



#16  
Acetone  
Concen: 4.299 ug/l  
RT: 4.167 min Scan# 374  
Delta R.T. 0.013 min  
Lab File: VW031829.D  
Acq: 11 Jul 2025 18:44

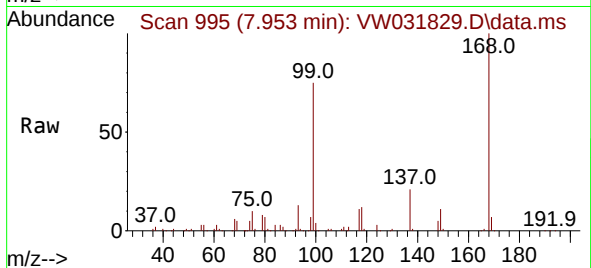
Tgt Ion: 43 Resp: 2664  
Ion Ratio Lower Upper  
43 100  
58 38.1 24.8 37.2#



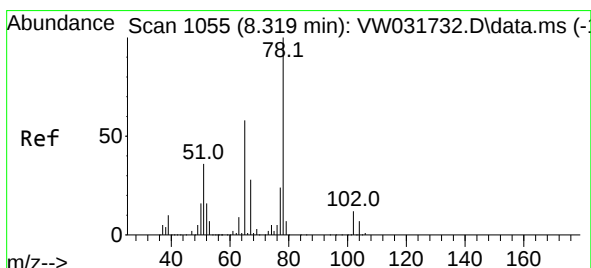
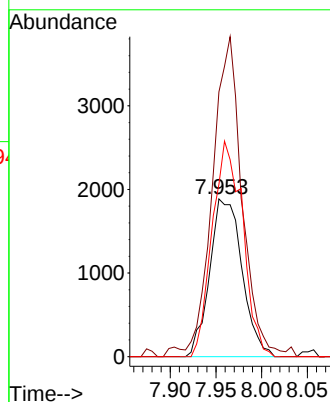
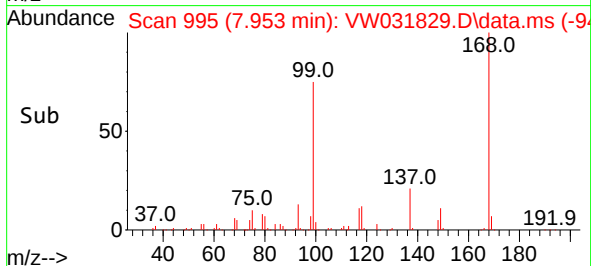


#31  
Cyclohexane  
Concen: 1.303 ug/l  
RT: 7.953 min Scan# 998  
Delta R.T. -0.018 min  
Lab File: VW031829.D  
Acq: 11 Jul 2025 18:44

Instrument :  
MSVOA\_W  
ClientSampleId :

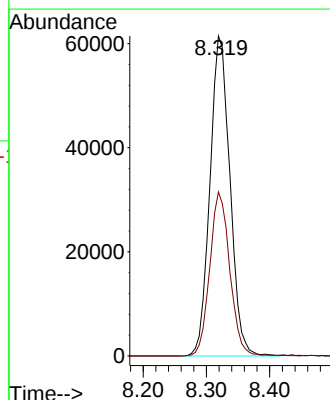
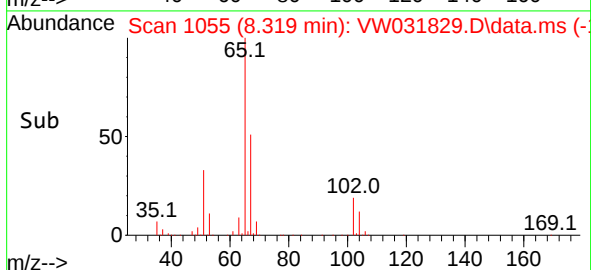
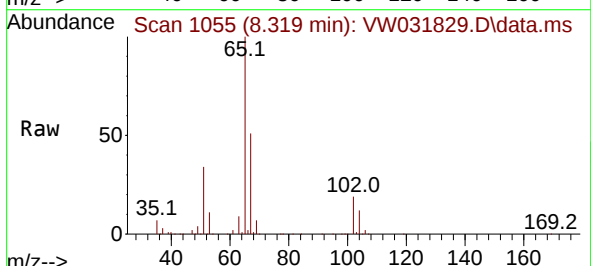


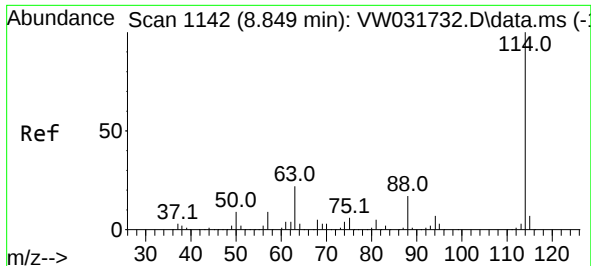
Tgt Ion: 56 Resp: 4650  
Ion Ratio Lower Upper  
56 100  
69 164.3 27.2 40.8#  
84 109.2 68.5 102.7#



#33  
1,2-Dichloroethane-d4  
Concen: 53.990 ug/l  
RT: 8.319 min Scan# 1055  
Delta R.T. 0.000 min  
Lab File: VW031829.D  
Acq: 11 Jul 2025 18:44

Tgt Ion: 65 Resp: 135345  
Ion Ratio Lower Upper  
65 100  
67 51.2 0.0 99.4

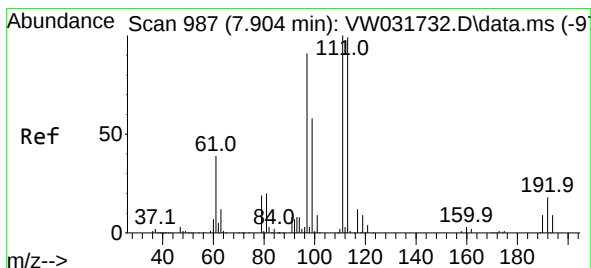
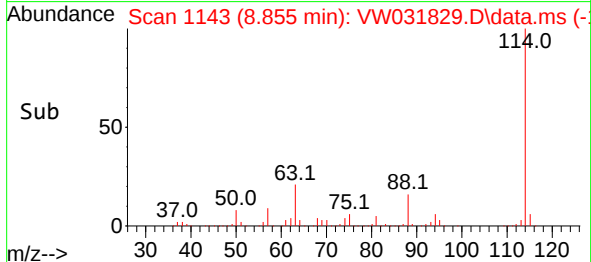
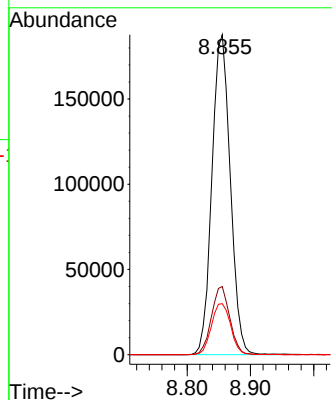
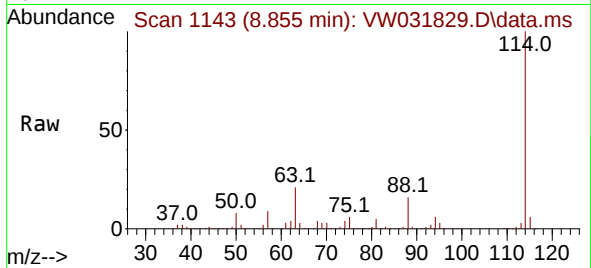




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.855 min Scan# 1143  
 Delta R.T. 0.006 min  
 Lab File: VW031829.D  
 Acq: 11 Jul 2025 18:44

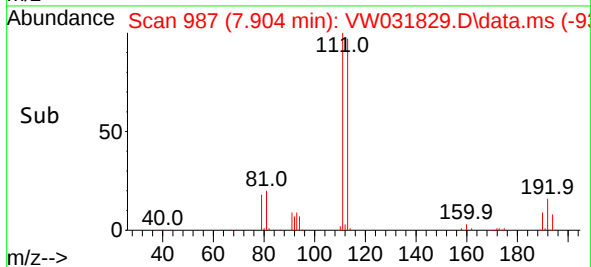
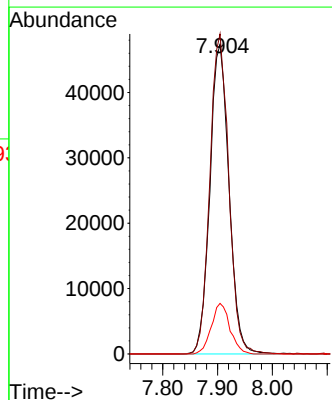
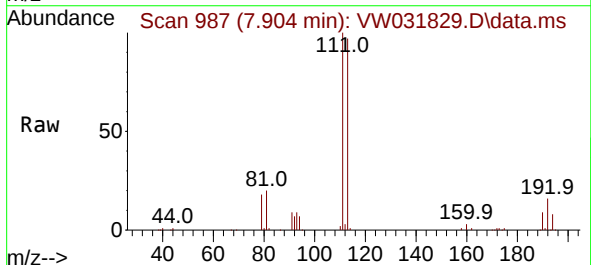
Instrument :  
 MSVOA\_W  
 ClientSampleId :

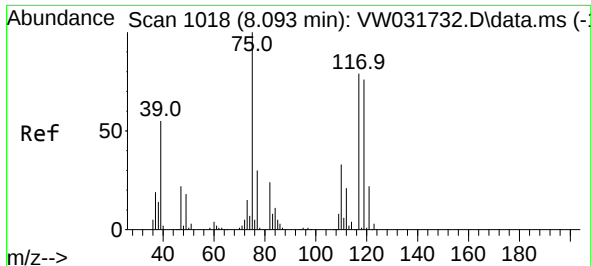
Tgt Ion:114 Resp: 378020  
 Ion Ratio Lower Upper  
 114 100  
 63 21.3 0.0 43.6  
 88 16.0 0.0 34.2



#35  
 Dibromofluoromethane  
 Concen: 46.385 ug/l  
 RT: 7.904 min Scan# 987  
 Delta R.T. 0.000 min  
 Lab File: VW031829.D  
 Acq: 11 Jul 2025 18:44

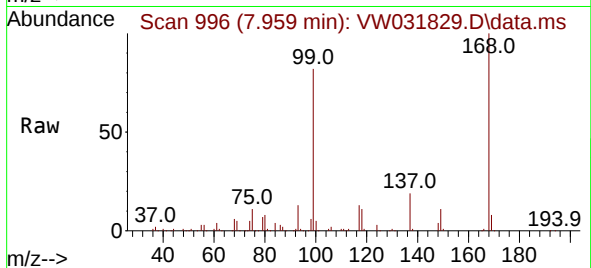
Tgt Ion:113 Resp: 114419  
 Ion Ratio Lower Upper  
 113 100  
 111 102.2 82.1 123.1  
 192 15.9 13.8 20.6



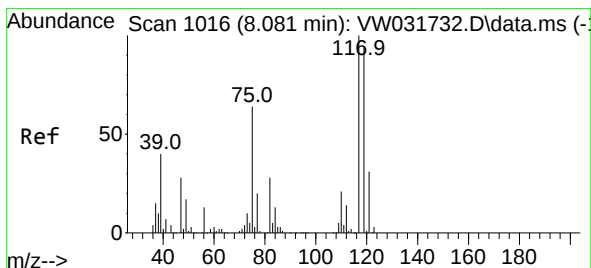
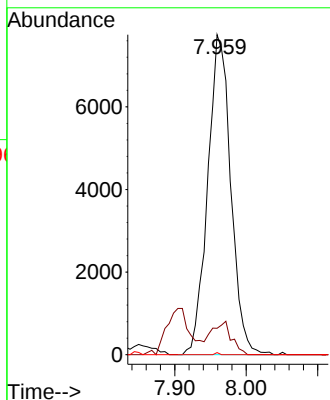
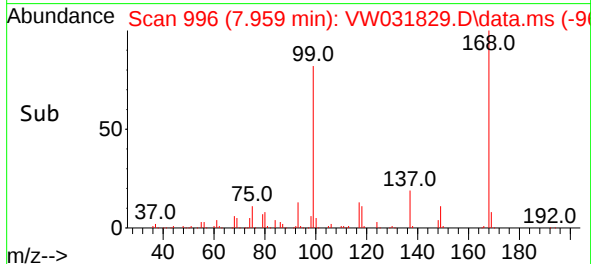


#36  
 1,1-Dichloropropene  
 Concen: 4.871 ug/l  
 RT: 7.959 min Scan# 996  
 Delta R.T. -0.134 min  
 Lab File: VW031829.D  
 Acq: 11 Jul 2025 18:44

Instrument :  
 MSVOA\_W  
 ClientSampleId :

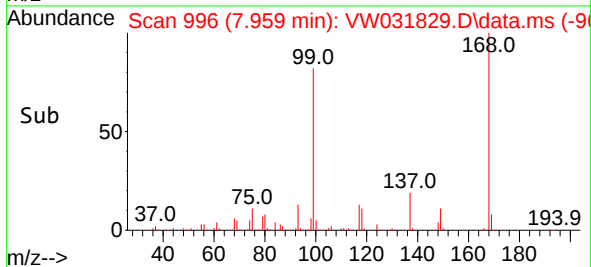
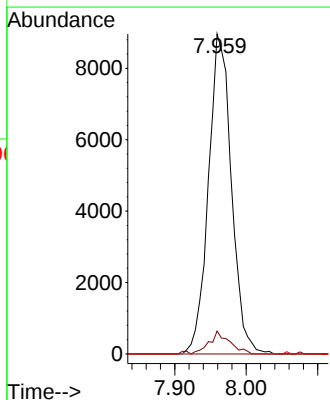
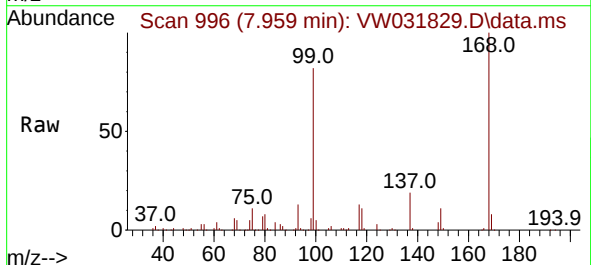


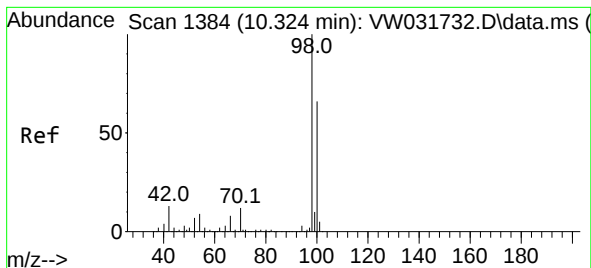
Tgt Ion: 75 Resp: 17388  
 Ion Ratio Lower Upper  
 75 100  
 110 9.0 16.8 50.4#  
 77 0.1 25.0 37.6#



#38  
 Carbon Tetrachloride  
 Concen: 5.498 ug/l  
 RT: 7.959 min Scan# 996  
 Delta R.T. -0.122 min  
 Lab File: VW031829.D  
 Acq: 11 Jul 2025 18:44

Tgt Ion: 117 Resp: 19998  
 Ion Ratio Lower Upper  
 117 100  
 119 7.1 75.0 112.6#  
 121 0.0 24.6 37.0#

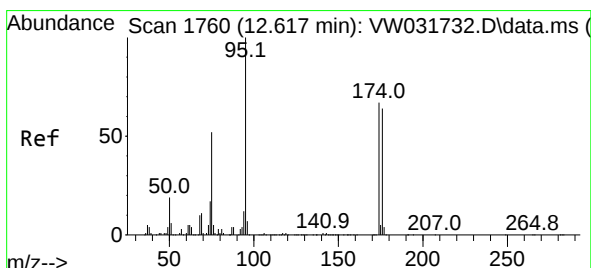
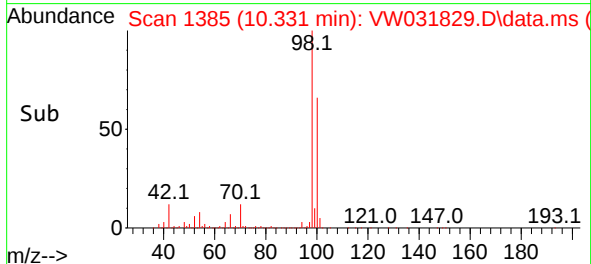
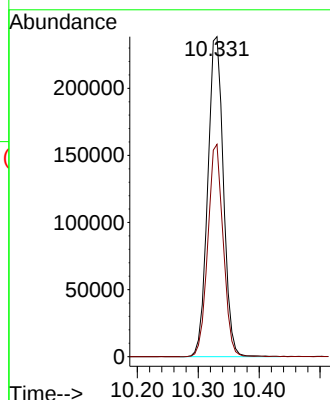
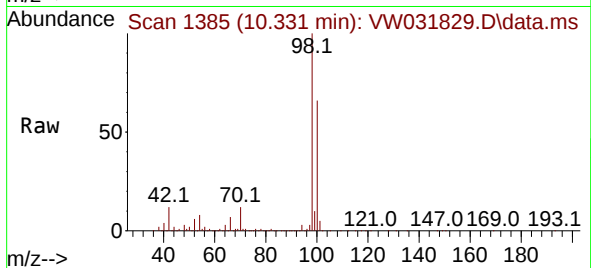




#50  
Toluene-d8  
Concen: 46.359 ug/l  
RT: 10.331 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: VW031829.D  
Acq: 11 Jul 2025 18:44

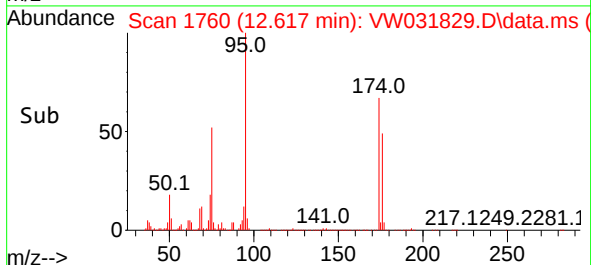
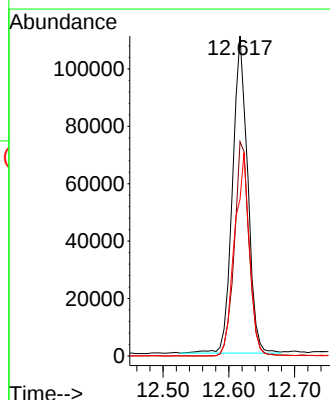
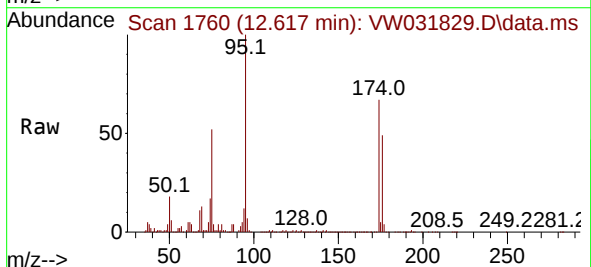
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MSVOA\_W  
ClientSampleId :

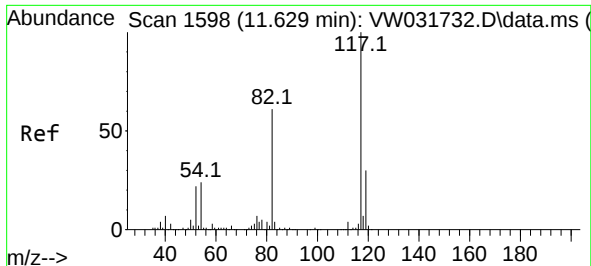
Tgt Ion: 98 Resp: 425565  
Ion Ratio Lower Upper  
98 100  
100 65.2 53.0 79.4



#62  
4-Bromofluorobenzene  
Concen: 52.384 ug/l  
RT: 12.617 min Scan# 1760  
Delta R.T. 0.000 min  
Lab File: VW031829.D  
Acq: 11 Jul 2025 18:44

Tgt Ion: 95 Resp: 176960  
Ion Ratio Lower Upper  
95 100  
174 65.6 0.0 133.8  
176 63.1 0.0 126.0

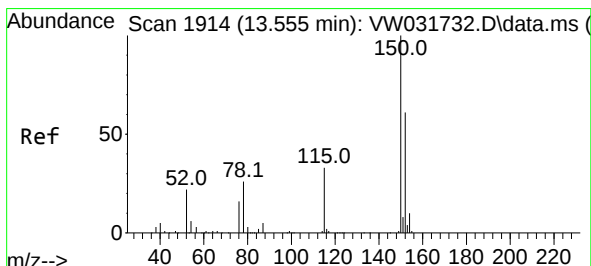
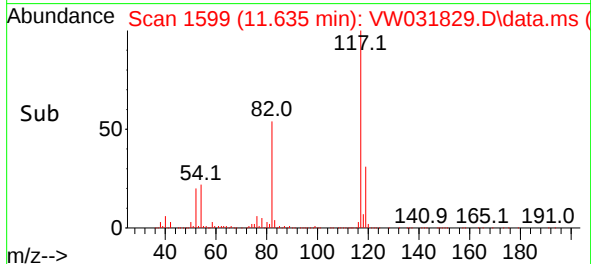
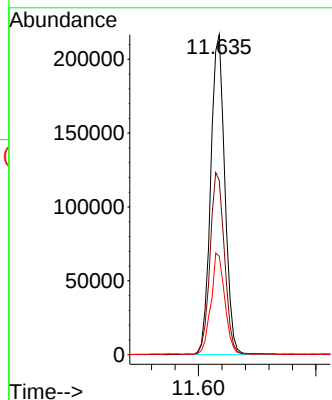
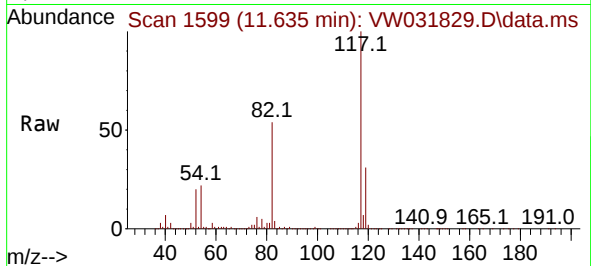




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.635 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VW031829.D  
Acq: 11 Jul 2025 18:44

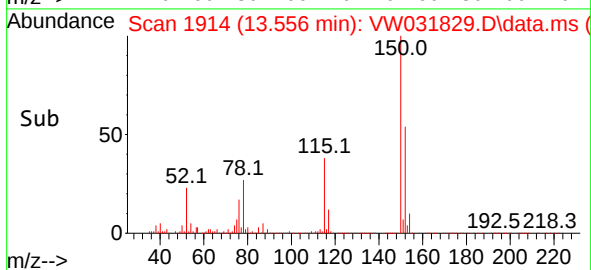
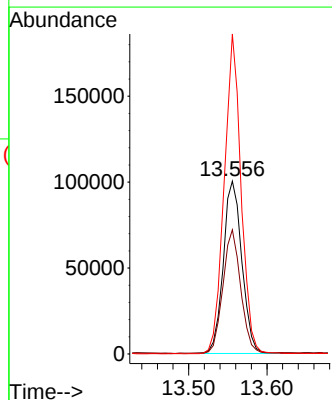
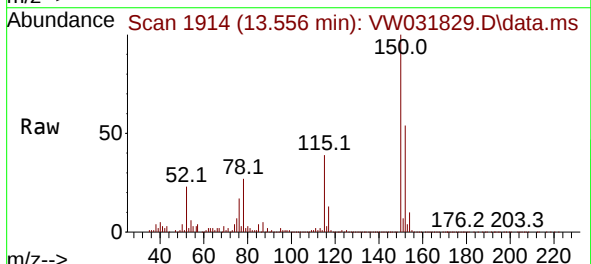
Instrument :  
MSVOA\_W  
ClientSampleId :

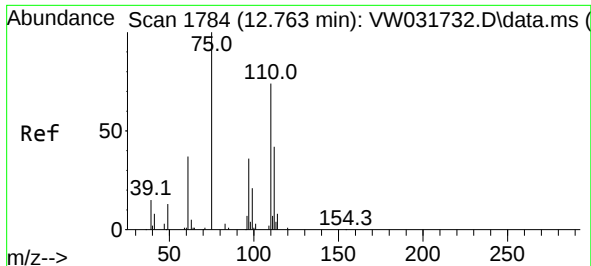
Tgt Ion:117 Resp: 361438  
Ion Ratio Lower Upper  
117 100  
82 54.4 48.6 72.8  
119 30.7 23.9 35.9



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.556 min Scan# 1914  
Delta R.T. 0.000 min  
Lab File: VW031829.D  
Acq: 11 Jul 2025 18:44

Tgt Ion:152 Resp: 165322  
Ion Ratio Lower Upper  
152 100  
115 68.9 31.9 95.7  
150 168.2 0.0 356.4

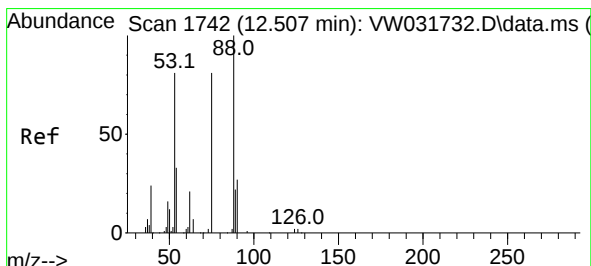
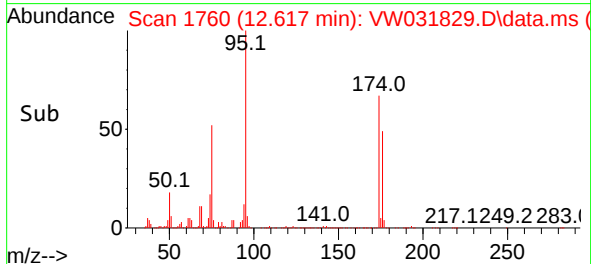
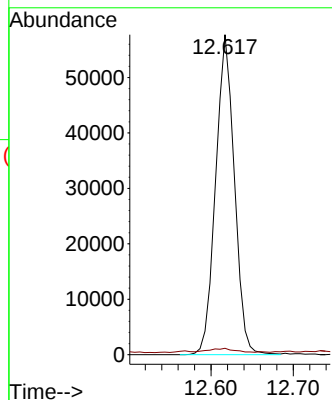
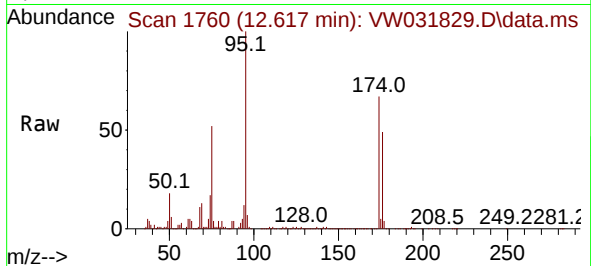




#76  
1,2,3-Trichloropropane  
Concen: 42.818 ug/l  
RT: 12.617 min Scan# 1760  
Delta R.T. -0.146 min  
Lab File: VW031829.D  
Acq: 11 Jul 2025 18:44

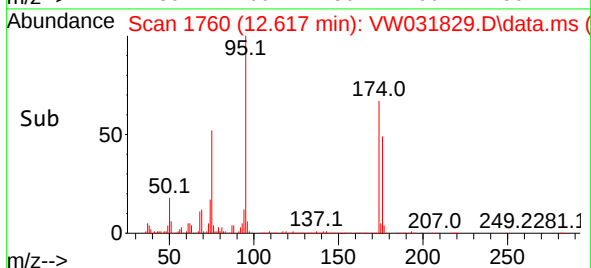
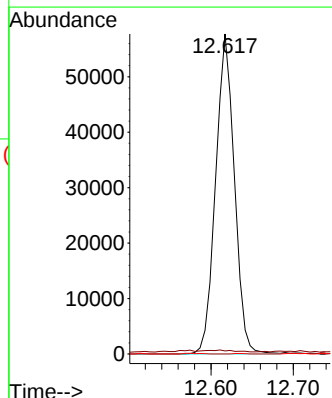
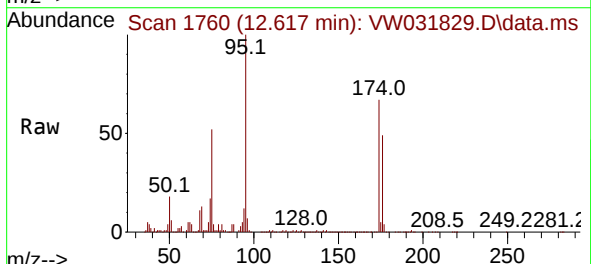
Instrument :  
MSVOA\_W  
ClientSampleId :

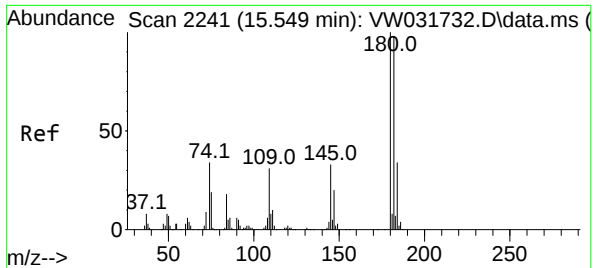
Tgt Ion: 75 Resp: 91477  
Ion Ratio Lower Upper  
75 100  
77 1.6 141.2 423.6#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 99.729 ug/l  
RT: 12.617 min Scan# 1760  
Delta R.T. 0.110 min  
Lab File: VW031829.D  
Acq: 11 Jul 2025 18:44

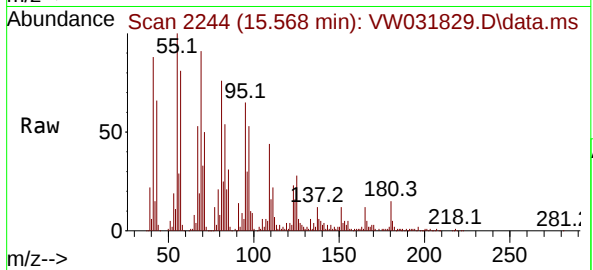
Tgt Ion: 75 Resp: 91477  
Ion Ratio Lower Upper  
75 100  
53 0.7 83.5 125.3#  
89 0.1 38.3 57.5#





#96  
 1,2,3-Trichlorobenzene  
 Concen: 2.022 ug/l  
 RT: 15.568 min Scan# 21  
 Delta R.T. 0.019 min  
 Lab File: VW031829.D  
 Acq: 11 Jul 2025 18:44

Instrument :  
 MSVOA\_W  
 ClientSampleId :



Tgt Ion:180 Resp: 5892  
 Ion Ratio Lower Upper  
 180 100  
 182 12.1 46.4 139.1#  
 145 0.0 17.8 53.3#

