

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY081325\  
 Data File : VY023064.D  
 Acq On : 13 Aug 2025 12:58  
 Operator : SY/MD  
 Sample : Q2830-01  
 Misc : 5.15g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 BIN0009-DRIVEWAY-TP-SOUTH-EAST

Quant Time: Aug 14 01:22:51 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y081225S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 13 02:10:11 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.707  | 168  | 469749   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.609  | 114  | 909628   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.414 | 117  | 793462   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.340 | 152  | 330575   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.055  | 65    | 280907   | 62.744   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 125.480% |
| 35) Dibromofluoromethane    | 7.628  | 113   | 300690   | 55.244   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 110.480% |
| 50) Toluene-d8              | 10.103 | 98    | 1037428  | 48.790   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =    | 97.580%  |
| 62) 4-Bromofluorobenzene    | 12.401 | 95    | 330679   | 48.358   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =    | 96.720%  |

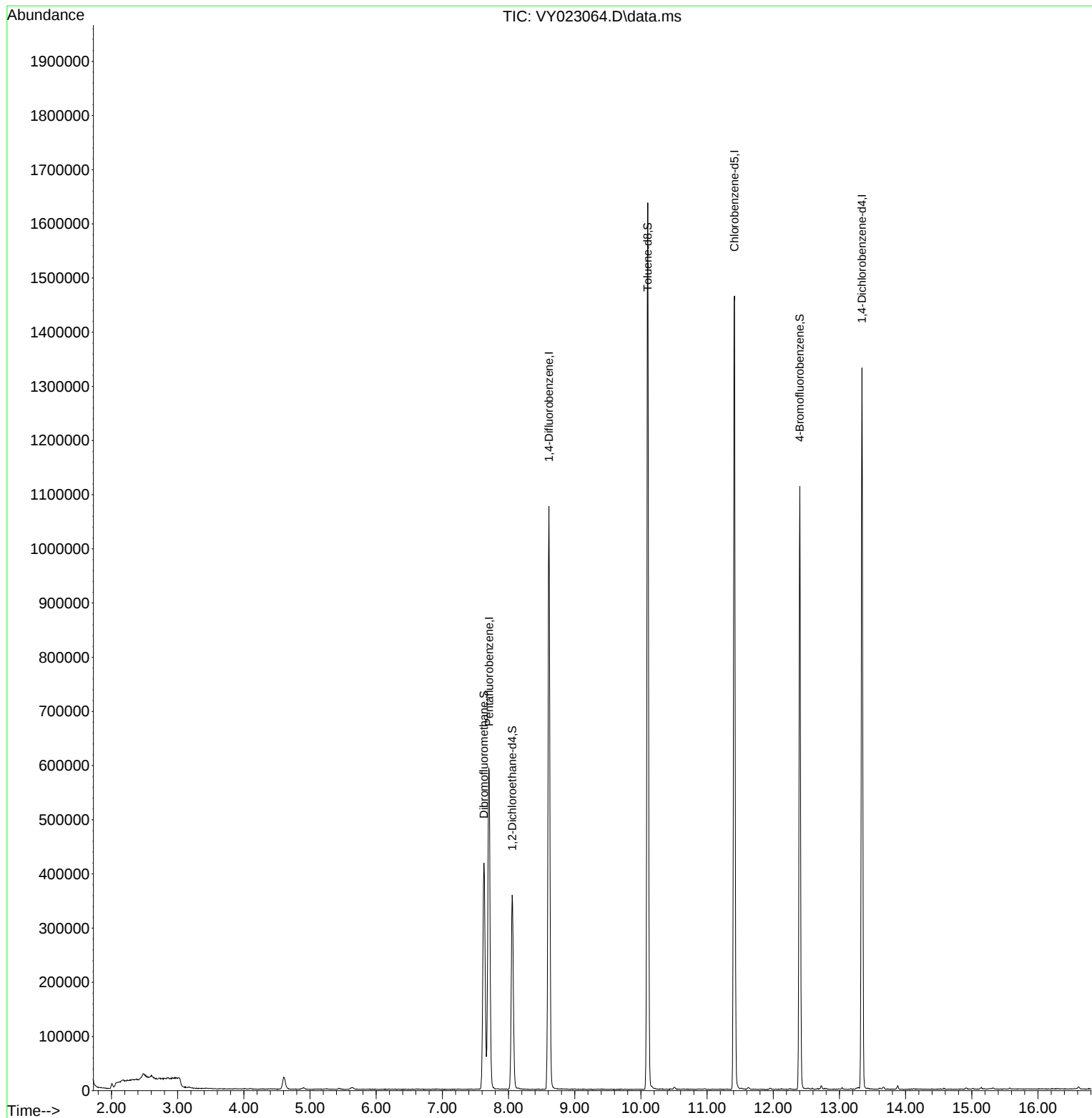
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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BIN0009-DRIVEWAY-TP-SOUTH-EAST

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y081225S.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 13 02:10:11 2025  
Response via : Initial Calibration

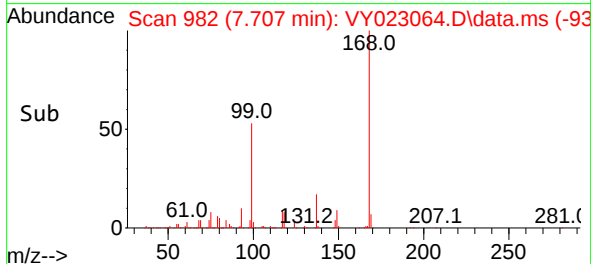
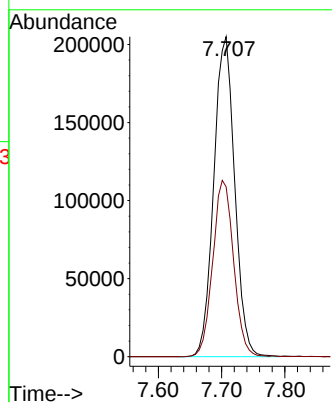
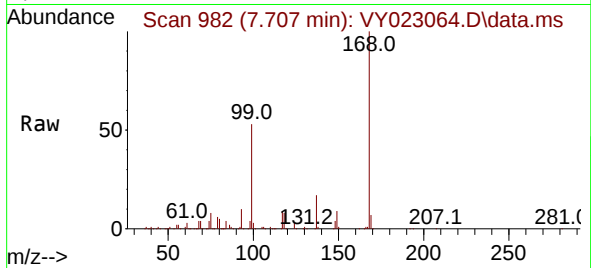




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.707 min Scan# 982  
Delta R.T. 0.000 min  
Lab File: VY023064.D  
Acq: 13 Aug 2025 12:58

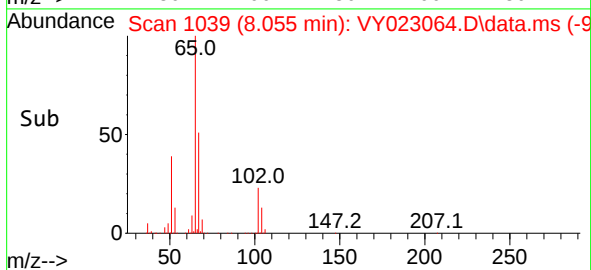
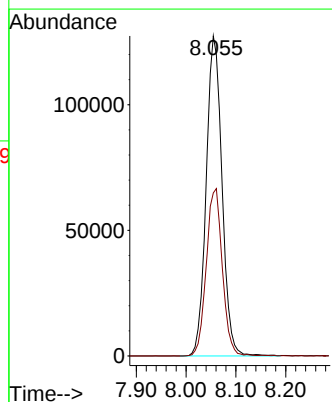
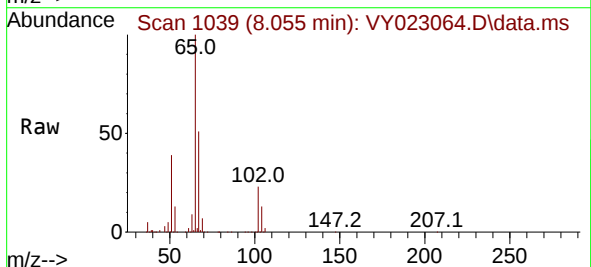
Instrument :  
MSVOA\_Y  
ClientSampleId :  
BIN0009-DRIVEWAY-TP-SOUTH-EAST

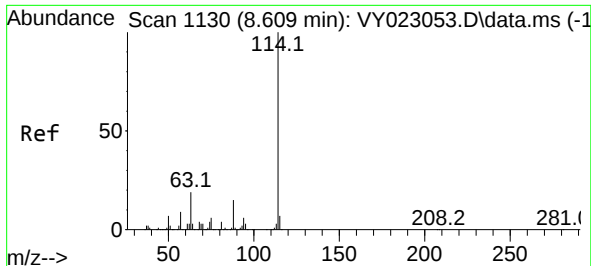
Tgt Ion:168 Resp: 469749  
Ion Ratio Lower Upper  
168 100  
99 53.1 42.8 64.2



#33  
1,2-Dichloroethane-d4  
Concen: 62.744 ug/l  
RT: 8.055 min Scan# 1039  
Delta R.T. 0.000 min  
Lab File: VY023064.D  
Acq: 13 Aug 2025 12:58

Tgt Ion: 65 Resp: 280907  
Ion Ratio Lower Upper  
65 100  
67 53.0 0.0 106.8

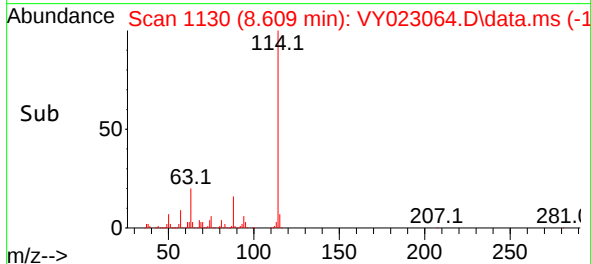
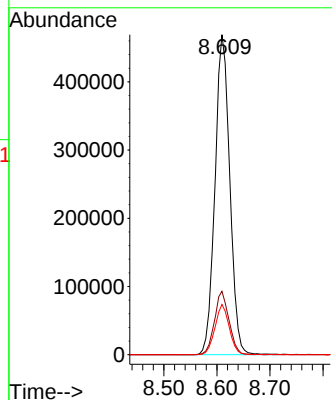
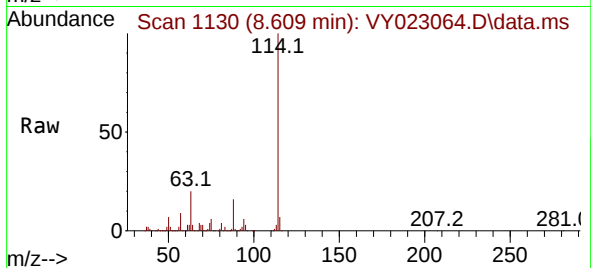




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.609 min Scan# 1130  
Delta R.T. 0.000 min  
Lab File: VY023064.D  
Acq: 13 Aug 2025 12:58

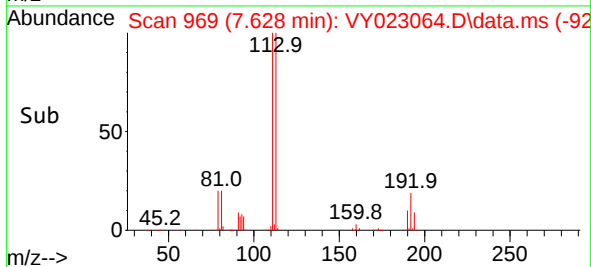
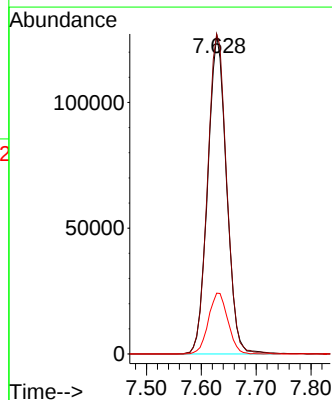
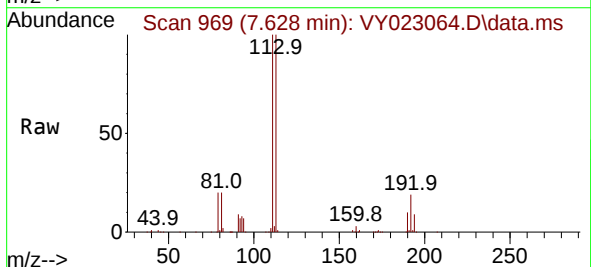
Instrument : MSVOA\_Y  
ClientSampleId : BIN0009-DRIVEWAY-TP-SOUTH-EAST

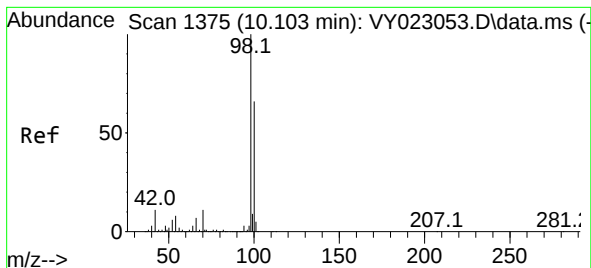
Tgt Ion:114 Resp: 909628  
Ion Ratio Lower Upper  
114 100  
63 19.8 0.0 38.4  
88 15.7 0.0 30.0



#35  
Dibromofluoromethane  
Concen: 55.244 ug/l  
RT: 7.628 min Scan# 969  
Delta R.T. 0.000 min  
Lab File: VY023064.D  
Acq: 13 Aug 2025 12:58

Tgt Ion:113 Resp: 300690  
Ion Ratio Lower Upper  
113 100  
111 102.0 81.1 121.7  
192 19.8 16.2 24.4

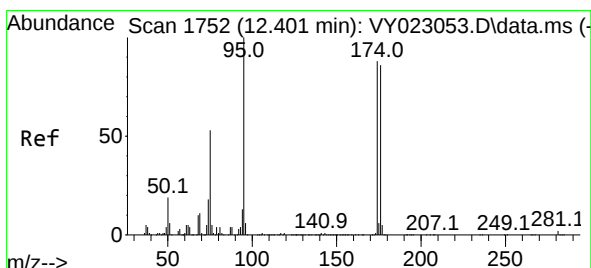
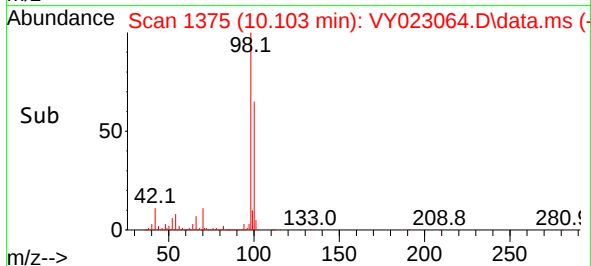
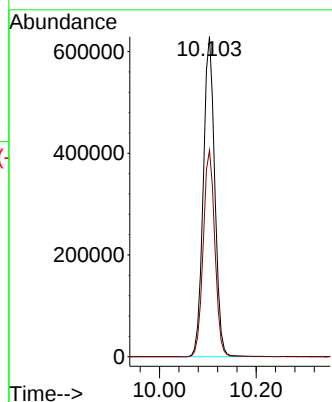
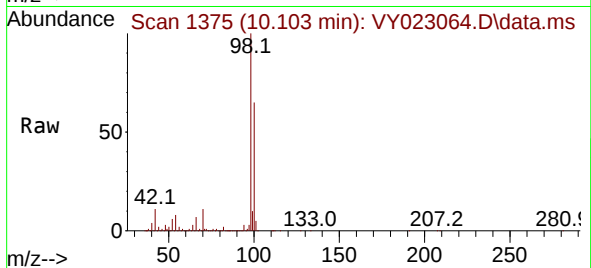




#50  
Toluene-d8  
Concen: 48.790 ug/l  
RT: 10.103 min Scan# 1375  
Delta R.T. 0.000 min  
Lab File: VY023064.D  
Acq: 13 Aug 2025 12:58

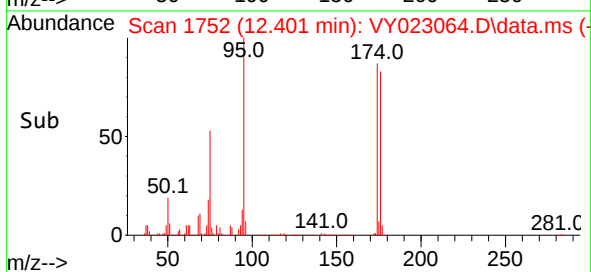
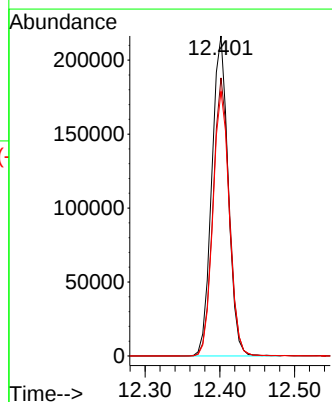
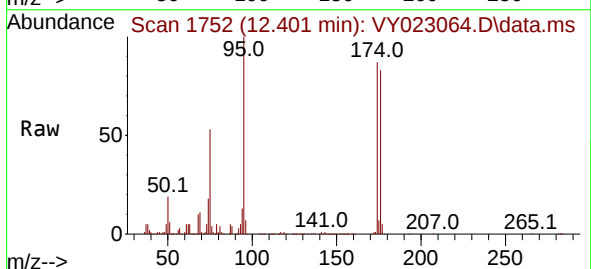
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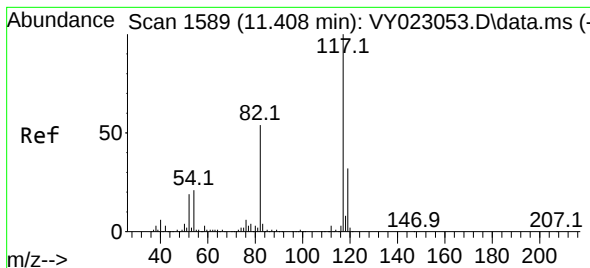
Tgt Ion: 98 Resp: 1037428  
Ion Ratio Lower Upper  
98 100  
100 65.3 52.3 78.5



#62  
4-Bromofluorobenzene  
Concen: 48.358 ug/l  
RT: 12.401 min Scan# 1752  
Delta R.T. 0.000 min  
Lab File: VY023064.D  
Acq: 13 Aug 2025 12:58

Tgt Ion: 95 Resp: 330679  
Ion Ratio Lower Upper  
95 100  
174 86.5 0.0 171.6  
176 82.8 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023064.D

Acq: 13 Aug 2025 12:58

Instrument :

MSVOA\_Y

ClientSampleId :

BIN0009-DRIVEWAY-TP-SOUTH-EAST

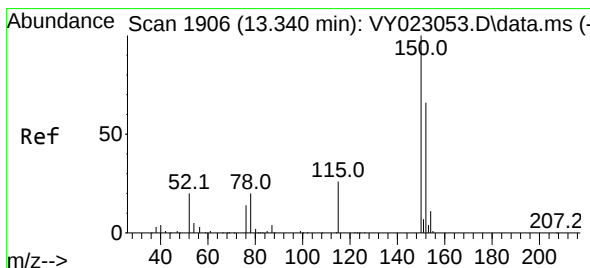
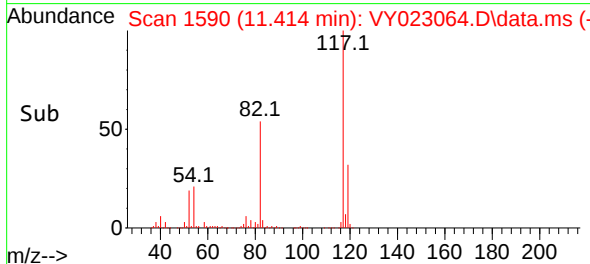
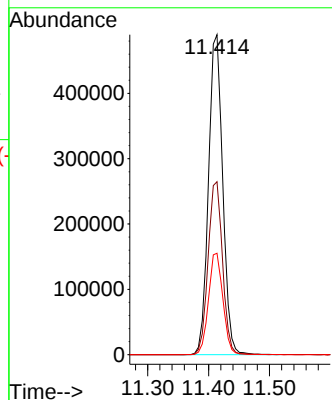
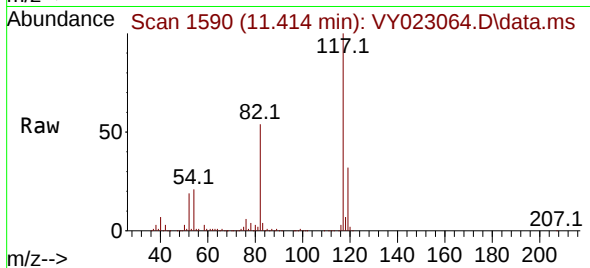
Tgt Ion:117 Resp: 793462

Ion Ratio Lower Upper

117 100

82 54.1 43.4 65.0

119 31.7 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY023064.D

Acq: 13 Aug 2025 12:58

Tgt Ion:152 Resp: 330575

Ion Ratio Lower Upper

152 100

115 57.5 28.2 84.6

150 157.5 0.0 348.0

