

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV032924\  
 Data File : VV034907.D  
 Acq On : 29 Mar 2024 15:49  
 Operator : SY/MD  
 Sample : P1934-03  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Mar 30 02:15:05 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM032624WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Mar 29 00:23:40 2024  
 Response via : Initial Calibration

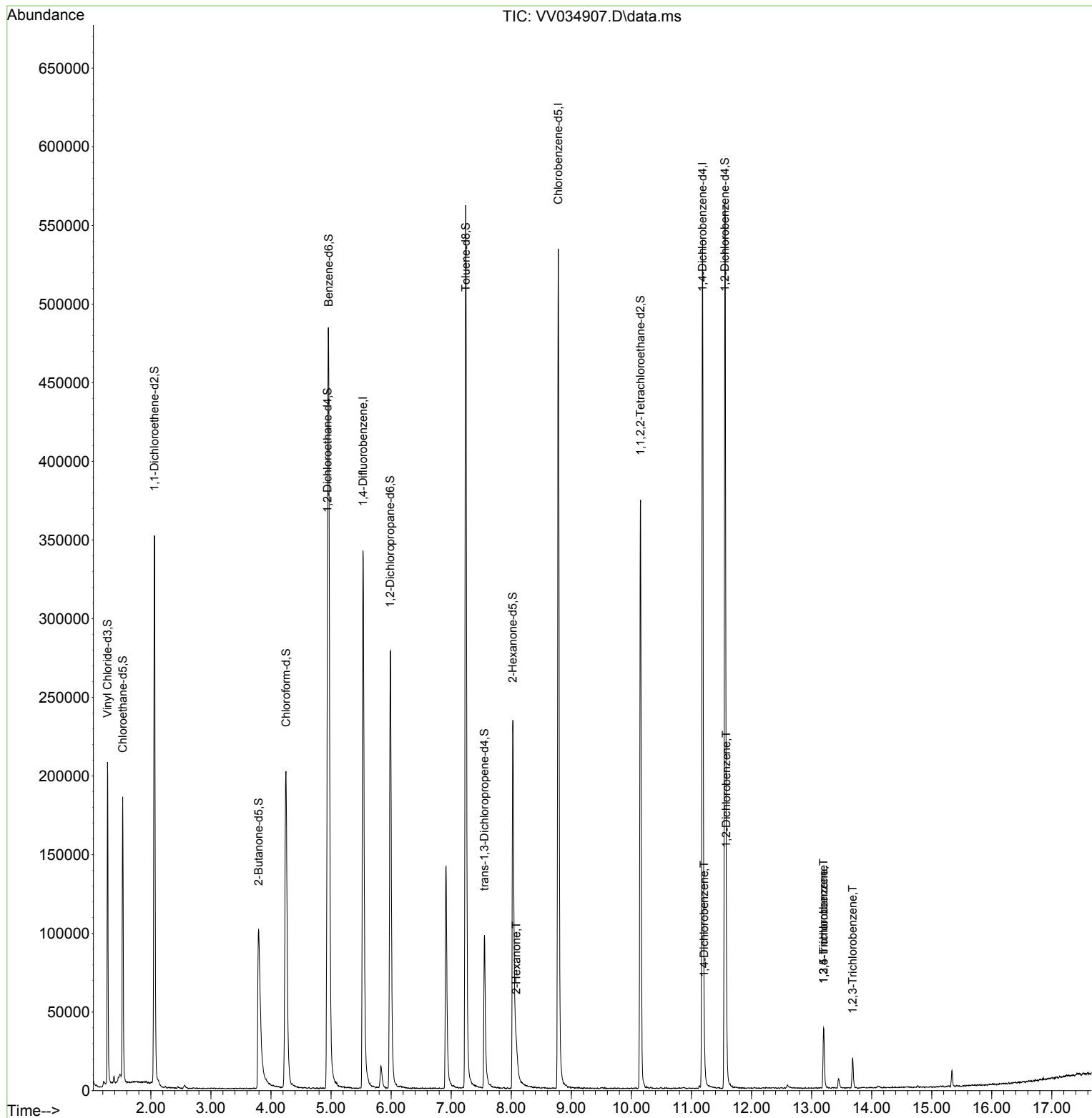
| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 5.532          | 114  | 305151     | 50.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.783          | 117  | 298522     | 50.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185         | 152  | 139350     | 50.000  | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 1.278          | 65   | 131145     | 44.501  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 89.000% |        |          |
| 7) Chloroethane-d5            | 1.532          | 69   | 114944     | 44.906  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 89.820% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.060          | 65   | 59901      | 46.369  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 92.740% |        |          |
| 21) 2-Butanone-d5             | 3.793          | 46   | 135028     | 77.256  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 77.260% |        |          |
| 24) Chloroform-d              | 4.249          | 84   | 217801     | 43.957  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 87.920% |        |          |
| 26) 1,2-Dichloroethane-d4     | 4.941          | 65   | 139790     | 44.437  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 88.880% |        |          |
| 32) Benzene-d6                | 4.960          | 84   | 444868     | 44.365  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 88.720% |        |          |
| 36) 1,2-Dichloropropane-d6    | 5.986          | 67   | 142562     | 44.771  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 89.540% |        |          |
| 41) Toluene-d8                | 7.243          | 98   | 385414     | 42.679  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 85.360% |        |          |
| 43) trans-1,3-Dichloroprop... | 7.555          | 79   | 61001      | 39.406  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 78.820% |        |          |
| 47) 2-Hexanone-d5             | 8.024          | 63   | 83139      | 69.058  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 69.060% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153         | 84   | 183155     | 41.769  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 83.540% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.558         | 152  | 143185     | 45.765  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 91.520% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         | Qvalue |          |
| 48) 2-Hexanone                | 8.085          | 43   | 17113      | 5.858   | ug/L   | # 66     |
| 65) 1,4-Dichlorobenzene       | 11.214         | 146  | 5112       | 1.071   | ug/L   | 88       |
| 67) 1,2-Dichlorobenzene       | 11.580         | 146  | 13247      | 2.833   | ug/L   | 97       |
| 69) 1,3,5-Trichlorobenzene    | 13.201         | 180  | 12017      | 3.552   | ug/L   | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.201         | 180  | 12017      | 3.867   | ug/L   | 100      |
| 72) 1,2,3-Trichlorobenzene    | 13.683         | 180  | 5800       | 1.893   | ug/L   | 96       |
| -----                         |                |      |            |         |        |          |

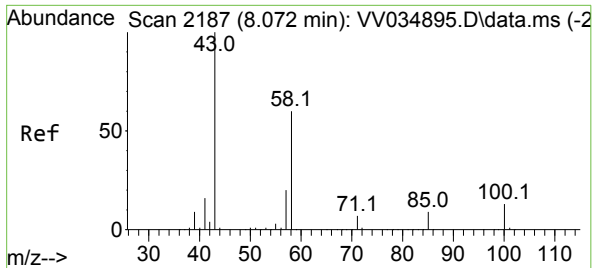
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV032924\  
Data File : VV034907.D  
Acq On : 29 Mar 2024 15:49  
Operator : SY/MD  
Sample : P1934-03  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :

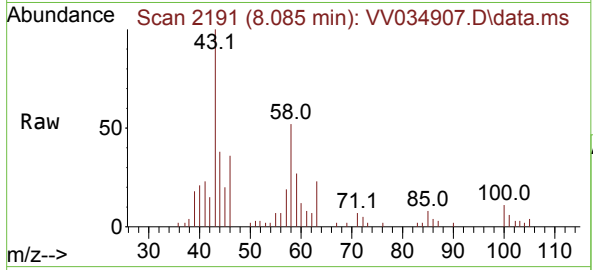
Quant Time: Mar 30 02:15:05 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM032624WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Mar 29 00:23:40 2024  
Response via : Initial Calibration



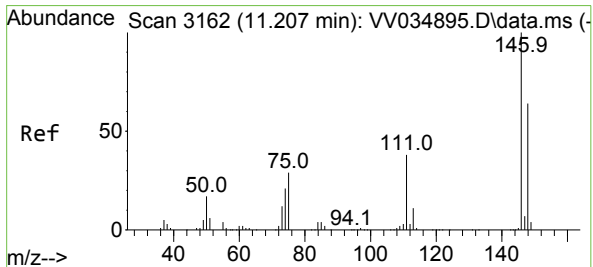
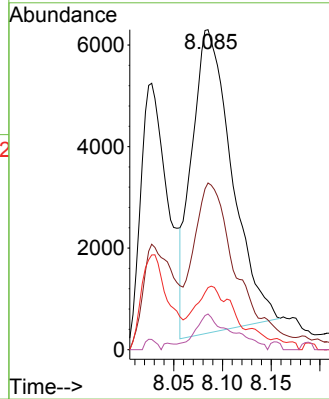
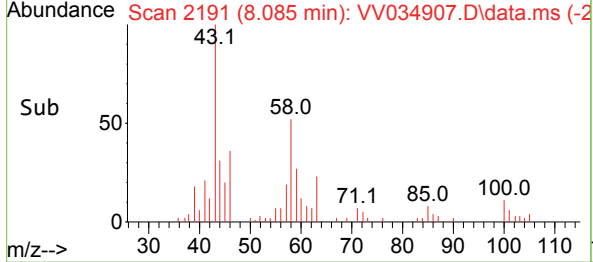


#48  
2-Hexanone  
Concen: 5.858 ug/L  
RT: 8.085 min Scan# 2187  
Delta R.T. 0.013 min  
Lab File: VV034907.D  
Acq: 29 Mar 2024 15:49

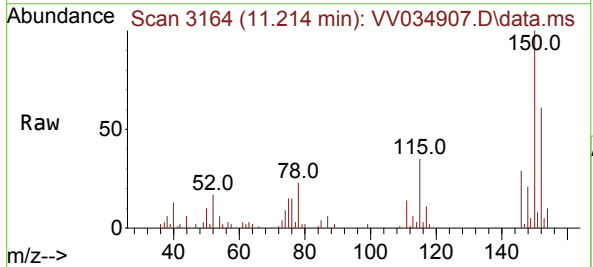
Instrument :  
MSVOA\_V  
ClientSampleId :



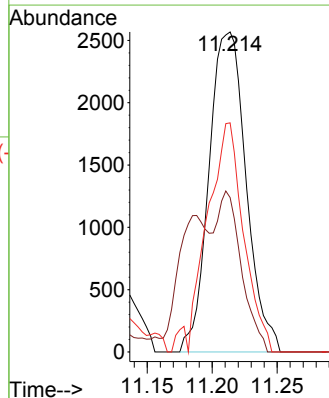
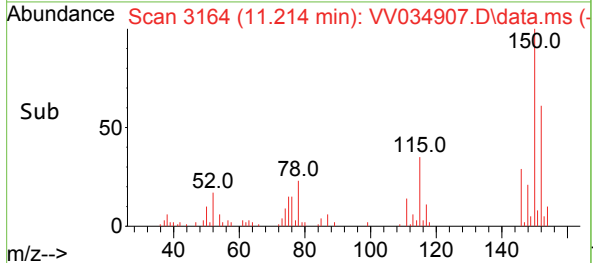
Tgt Ion: 43 Resp: 17113  
Ion Ratio Lower Upper  
43 100  
58 28.4 45.4 68.2#  
57 6.2 16.2 24.4#  
100 6.2 10.1 15.1#

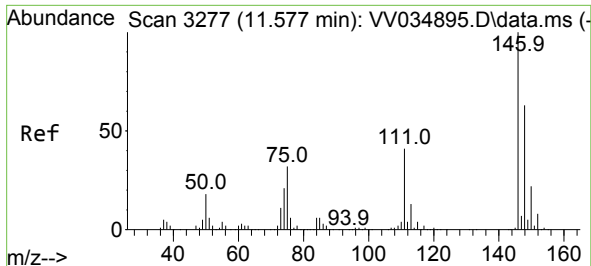


#65  
1,4-Dichlorobenzene  
Concen: 1.071 ug/L  
RT: 11.214 min Scan# 3164  
Delta R.T. 0.007 min  
Lab File: VV034907.D  
Acq: 29 Mar 2024 15:49



Tgt Ion: 146 Resp: 5112  
Ion Ratio Lower Upper  
146 100  
111 48.2 27.4 50.8  
148 71.6 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 2.833 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV034907.D

Acq: 29 Mar 2024 15:49

Instrument :

MSVOA\_V

ClientSampleId :

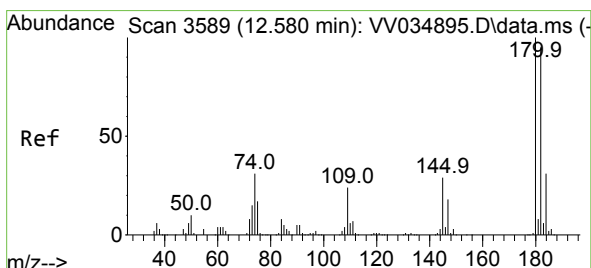
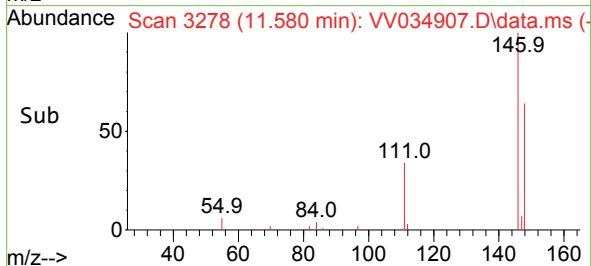
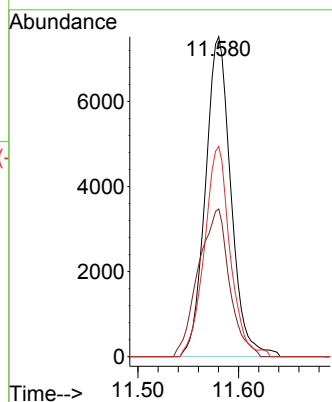
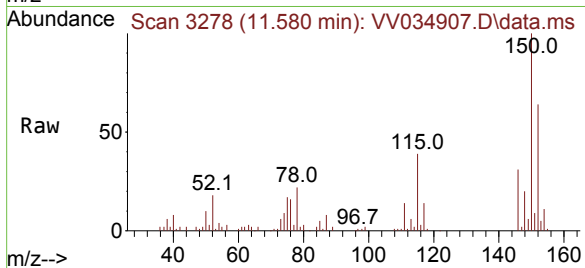
Tgt Ion:146 Resp: 13247

Ion Ratio Lower Upper

146 100

111 46.2 34.6 52.0

148 65.7 51.5 77.3



#69

1,3,5-Trichlorobenzene

Concen: 3.552 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.621 min

Lab File: VV034907.D

Acq: 29 Mar 2024 15:49

Tgt Ion:180 Resp: 12017

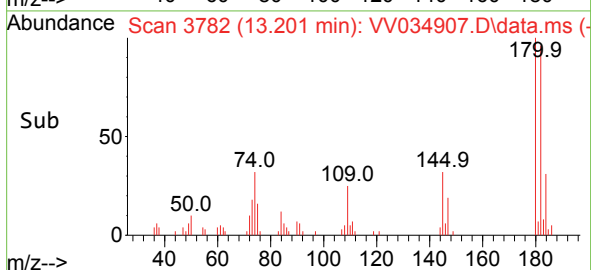
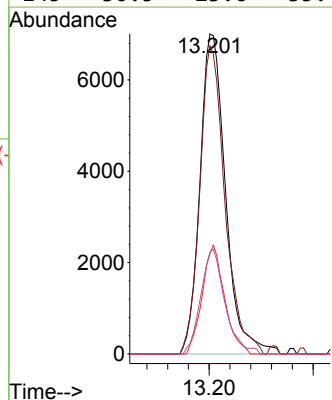
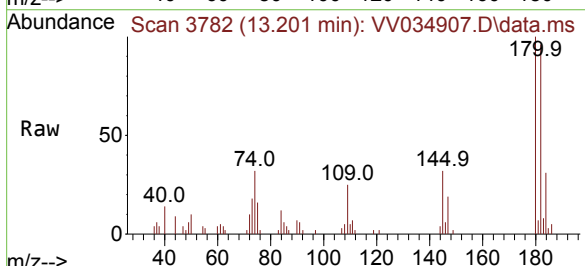
Ion Ratio Lower Upper

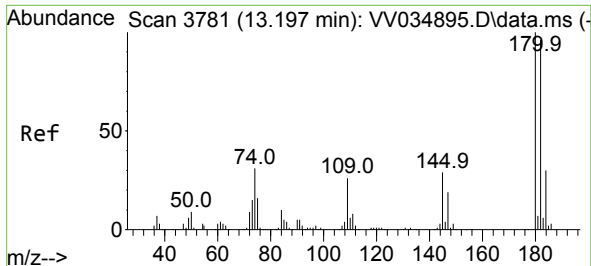
180 100

182 94.1 74.7 112.1

184 29.6 24.0 36.0

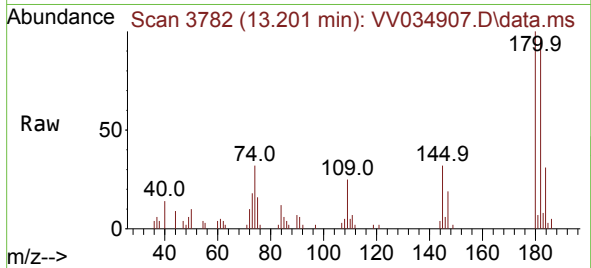
145 30.5 23.6 35.4



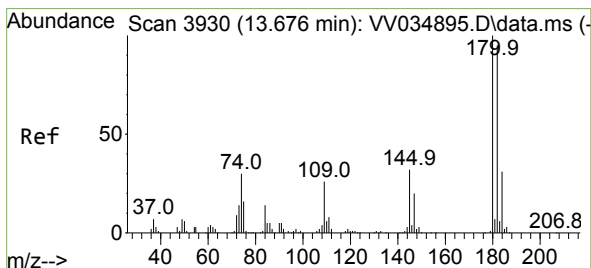
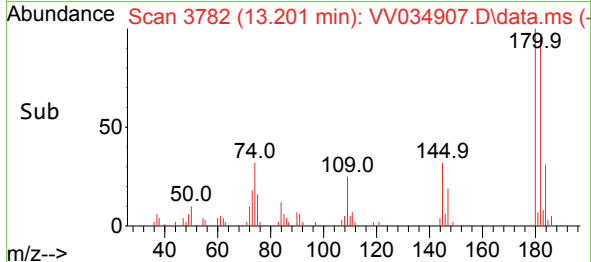
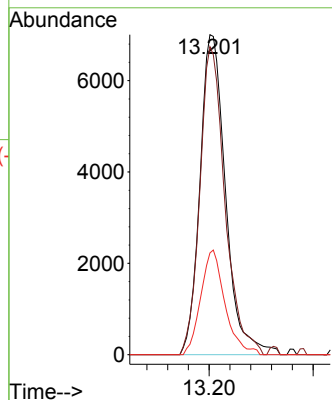


#70  
 1,2,4-trichlorobenzene  
 Concen: 3.867 ug/L  
 RT: 13.201 min Scan# 31  
 Delta R.T. 0.003 min  
 Lab File: VV034907.D  
 Acq: 29 Mar 2024 15:49

Instrument :  
 MSVOA\_V  
 ClientSampleId :



Tgt Ion:180 Resp: 12017  
 Ion Ratio Lower Upper  
 180 100  
 182 94.1 75.6 113.4  
 145 30.5 24.1 36.1



#72  
 1,2,3-Trichlorobenzene  
 Concen: 1.893 ug/L  
 RT: 13.683 min Scan# 3932  
 Delta R.T. 0.003 min  
 Lab File: VV034907.D  
 Acq: 29 Mar 2024 15:49

Tgt Ion:180 Resp: 5800  
 Ion Ratio Lower Upper  
 180 100  
 182 90.3 76.2 114.2  
 145 31.3 25.8 38.6

