

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU072324\  
 Data File : VU060131.D  
 Acq On : 23 Jul 2024 23:15  
 Operator : MD/SY  
 Sample : VIBLK  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jul 24 05:57:13 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR071824WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Jul 24 05:34:19 2024  
 Response via : Initial Calibration

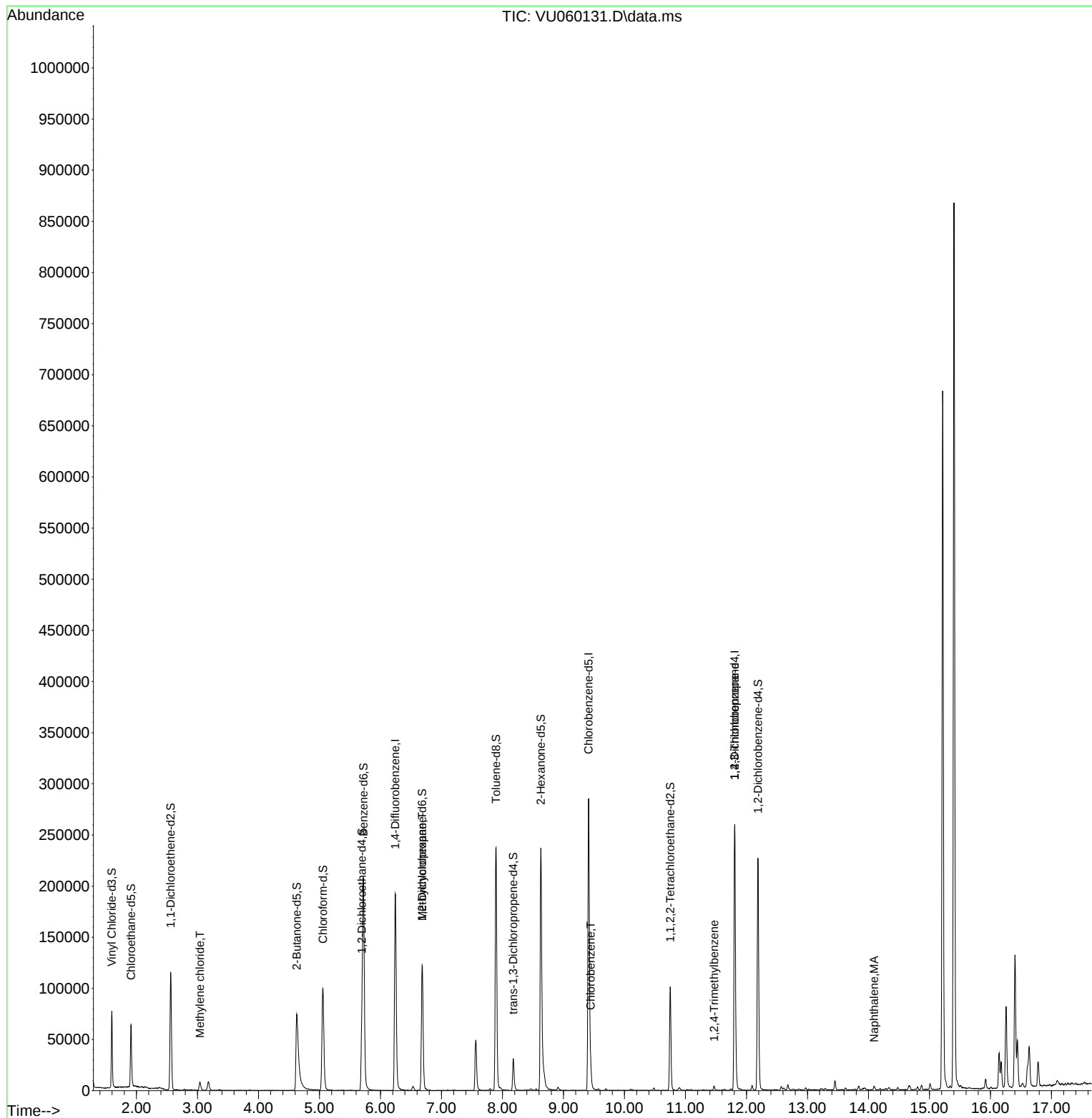
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 172073   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 176371   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 78903    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 53479    | 4.467    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 89.400%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 48867    | 4.394    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 87.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 22210    | 4.751    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 95.000%  |
| 20) 2-Butanone-d5             | 4.628  | 46    | 112201   | 40.086   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 80.180%  |
| 24) Chloroform-d              | 5.055  | 84    | 97730    | 3.884    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 77.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 48880    | 4.172    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 83.400%  |
| 32) Benzene-d6                | 5.721  | 84    | 205027   | 4.339    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 86.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 63307    | 4.204    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 84.000%  |
| 41) Toluene-d8                | 7.894  | 98    | 172313   | 4.036    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 80.800%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 19532    | 3.811    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 76.200%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 87883    | 38.638   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 77.280%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84    | 53619    | 4.001    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 80.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 66688    | 4.682    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 93.600%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 3.039  | 84    | 4308     | 0.268    | ug/L   | 91       |
| 35) Methylcyclohexane         | 6.682  | 83    | 14689    | 0.725    | ug/L # | 21       |
| 51) Chlorobenzene             | 9.444  | 112   | 14796    | 0.365    | ug/L   | 96       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 8555     | 1.028    | ug/L # | 66       |
| 63) 1,2,4-Trimethylbenzene    | 11.470 | 105   | 2678     | 0.070    | ug/L   | 96       |
| 71) Naphthalene               | 14.094 | 128   | 3788     | 0.168    | ug/L # | 92       |
| -----                         |        |       |          |          |        |          |

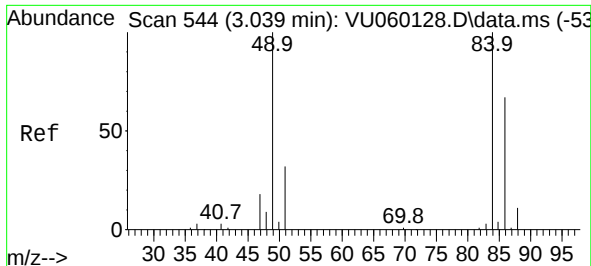
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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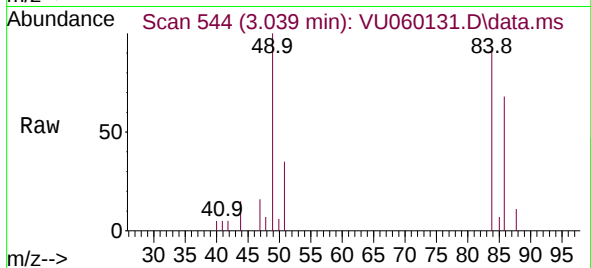
Quant Time: Jul 24 05:57:13 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR071824WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Jul 24 05:34:19 2024  
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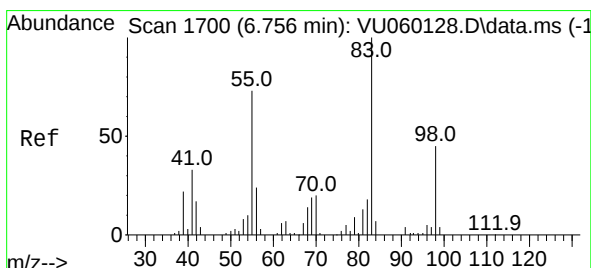
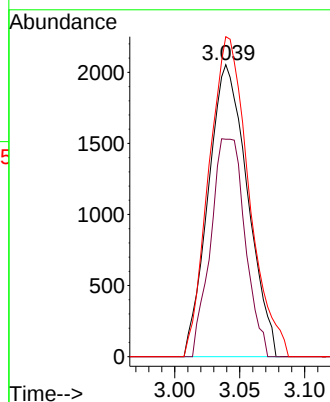
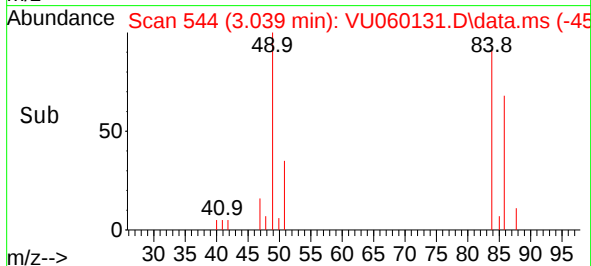


#16  
Methylene chloride  
Concen: 0.268 ug/L  
RT: 3.039 min Scan# 544  
Delta R.T. 0.000 min  
Lab File: VU060131.D  
Acq: 23 Jul 2024 23:15

Instrument :  
MSVOA\_U  
ClientSampleId :

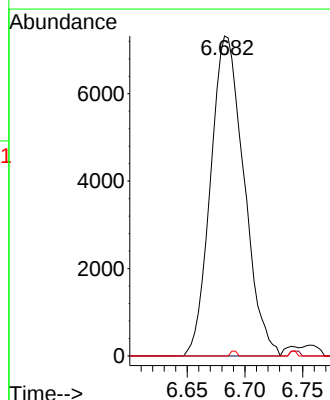
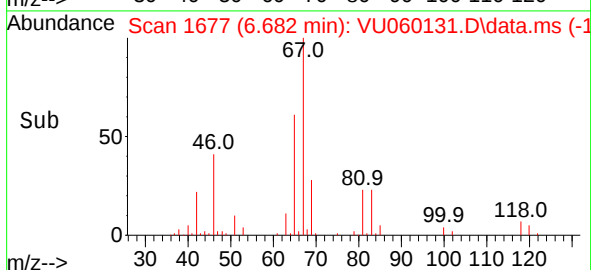
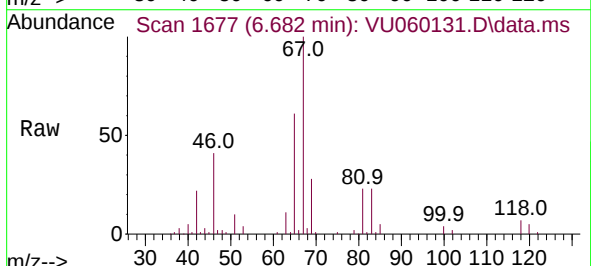


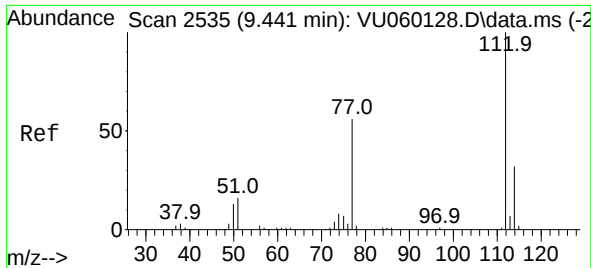
Tgt Ion: 84 Resp: 4308  
Ion Ratio Lower Upper  
84 100  
86 74.4 44.4 82.5  
49 109.6 72.0 133.6



#35  
Methylcyclohexane  
Concen: 0.725 ug/L  
RT: 6.682 min Scan# 1677  
Delta R.T. -0.074 min  
Lab File: VU060131.D  
Acq: 23 Jul 2024 23:15

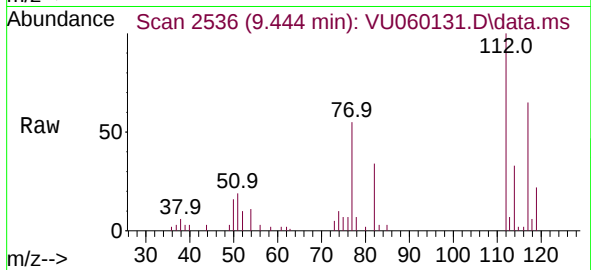
Tgt Ion: 83 Resp: 14689  
Ion Ratio Lower Upper  
83 100  
55 0.0 56.7 85.1#  
98 0.3 36.6 55.0#



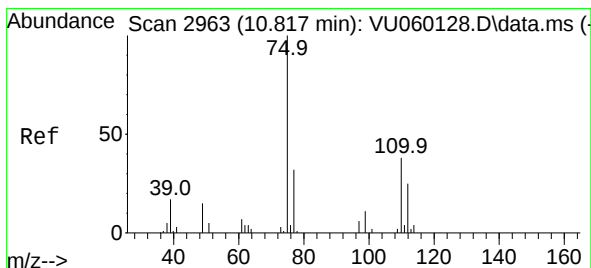
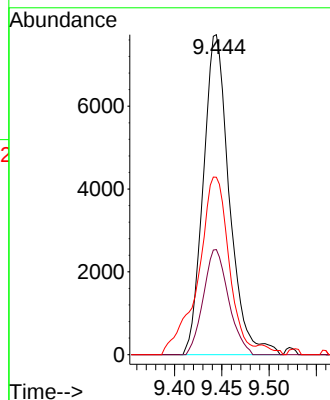
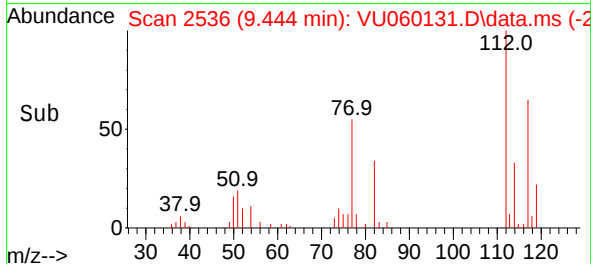


#51  
Chlorobenzene  
Concen: 0.365 ug/L  
RT: 9.444 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VU060131.D  
Acq: 23 Jul 2024 23:15

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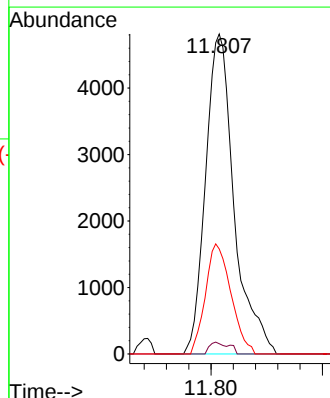
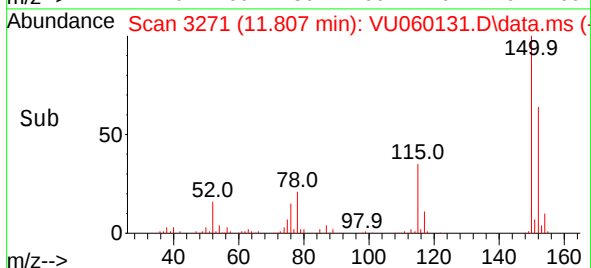
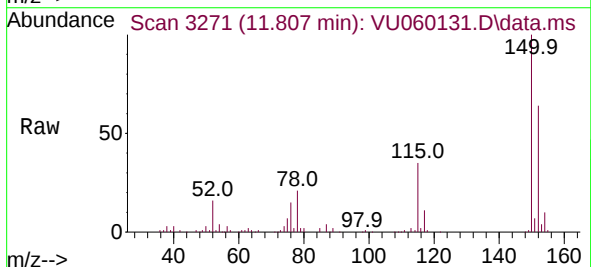


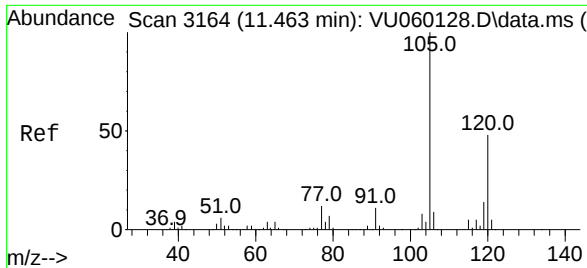
Tgt Ion:112 Resp: 14796  
Ion Ratio Lower Upper  
112 100  
114 30.6 22.1 41.1  
77 51.7 44.7 67.1



#61  
1,2,3-Trichloropropane  
Concen: 1.028 ug/L  
RT: 11.807 min Scan# 3271  
Delta R.T. 0.990 min  
Lab File: VU060131.D  
Acq: 23 Jul 2024 23:15

Tgt Ion: 75 Resp: 8555  
Ion Ratio Lower Upper  
75 100  
110 2.5 30.8 46.2#  
77 30.7 26.2 39.2





#63

1,2,4-Trimethylbenzene

Concen: 0.070 ug/L

RT: 11.470 min Scan# 3164

Delta R.T. 0.006 min

Lab File: VU060131.D

Acq: 23 Jul 2024 23:15

Instrument :

MSVOA\_U

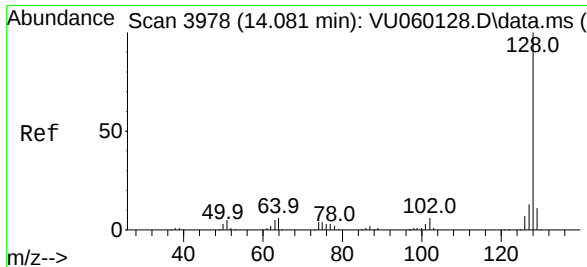
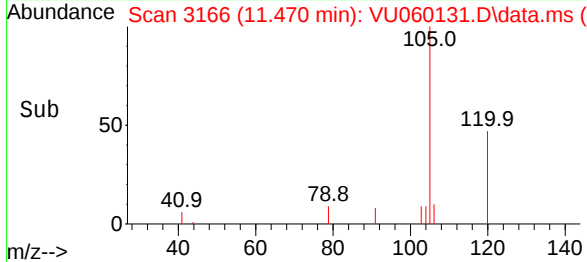
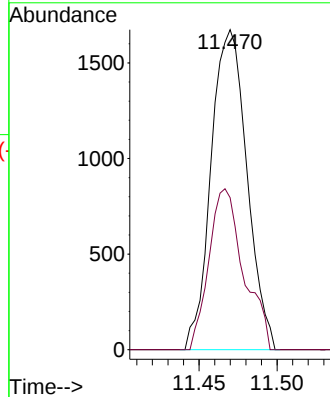
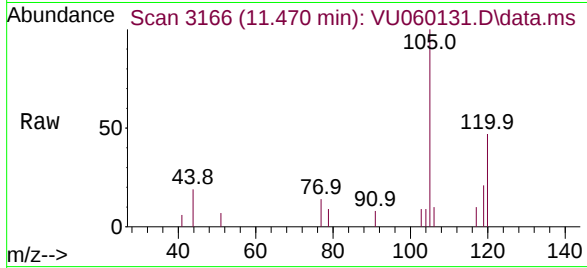
ClientSampleId :

Tgt Ion:105 Resp: 2678

Ion Ratio Lower Upper

105 100

120 48.8 36.7 55.1



#71

Naphthalene

Concen: 0.168 ug/L

RT: 14.094 min Scan# 3982

Delta R.T. 0.013 min

Lab File: VU060131.D

Acq: 23 Jul 2024 23:15

Tgt Ion:128 Resp: 3788

Ion Ratio Lower Upper

128 100

129 7.1 8.2 12.4#

127 10.4 10.6 16.0#

