

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV090622\  
 Data File : VV027751.D  
 Acq On : 06 Sep 2022 19:16  
 Operator : SY/MD  
 Sample : N4404-13  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DBVC0

Quant Time: Sep 07 06:28:56 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR090622WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Sep 07 06:13:02 2022  
 Response via : Initial Calibration

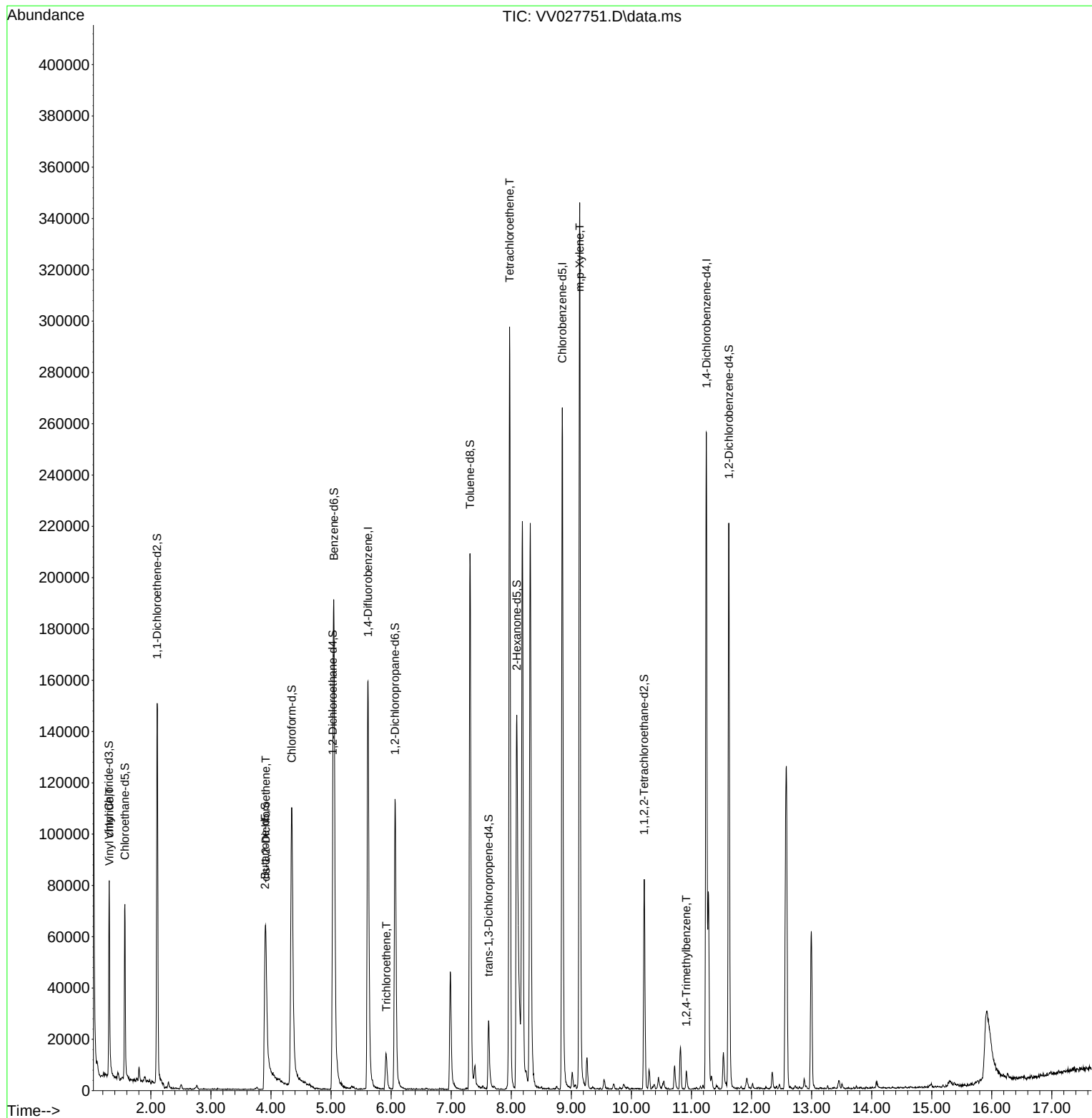
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.616  | 114   | 144201   | 5.000    | ug/L   | 0.02     |
| 28) Chlorobenzene-d5          | 8.850  | 117   | 150943   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 70033    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 50161    | 5.277    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 105.600% |
| 7) Chloroethane-d5            | 1.568  | 69    | 45074    | 5.590    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 111.800% |
| 11) 1,1-Dichloroethene-d2     | 2.105  | 63    | 79993    | 3.966    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 79.400%  |
| 20) 2-Butanone-d5             | 3.902  | 46    | 49242    | 23.376   | ug/L   | -0.04    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 46.760%  |
| 24) Chloroform-d              | 4.346  | 84    | 99467    | 5.111    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 102.200% |
| 26) 1,2-Dichloroethane-d4     | 5.027  | 65    | 48292    | 4.659    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 93.200%  |
| 32) Benzene-d6                | 5.047  | 84    | 183748   | 4.196    | ug/L   | 0.02     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 84.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67    | 52401    | 4.087    | ug/L   | 0.02     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 81.800%  |
| 41) Toluene-d8                | 7.313  | 98    | 145080   | 3.940    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 78.800%  |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 16598    | 3.859    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 77.200%  |
| 46) 2-Hexanone-d5             | 8.091  | 63    | 64671    | 40.450   | ug/L   | -0.03    |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 80.900%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84    | 37640    | 4.572    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 91.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 57670    | 5.013    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 100.200% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 5) Vinyl chloride             | 1.310  | 62    | 7121     | 0.549    | ug/L   | 83       |
| 22) cis-1,2-Dichloroethene    | 3.912  | 96    | 27556    | 2.505    | ug/L # | 90       |
| 34) Trichloroethene           | 5.921  | 95    | 4911     | 0.394    | ug/L   | 96       |
| 47) Tetrachloroethene         | 7.973  | 164   | 66411    | 6.632    | ug/L   | 97       |
| 53) m,p-Xylene                | 9.140  | 106   | 95222    | 4.834    | ug/L   | 96       |
| 63) 1,2,4-Trimethylbenzene    | 10.915 | 105   | 4178     | 0.119    | ug/L   | 99       |
| -----                         |        |       |          |          |        |          |

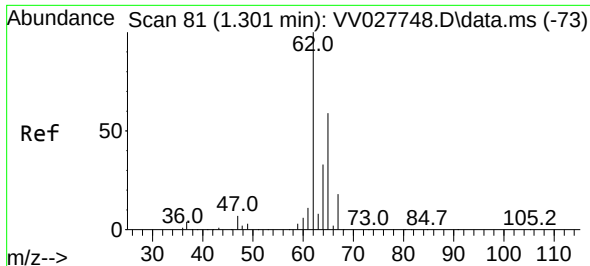
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Sep 07 06:13:02 2022  
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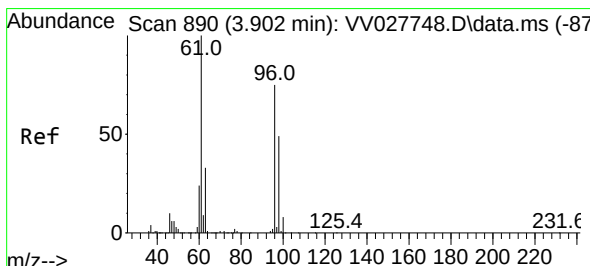
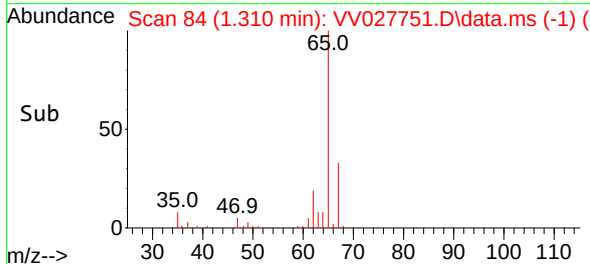
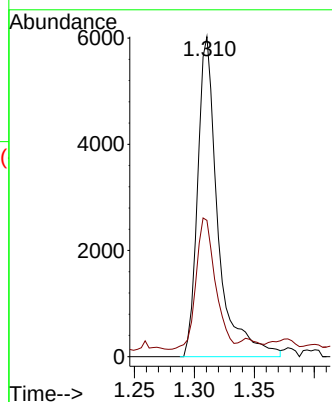
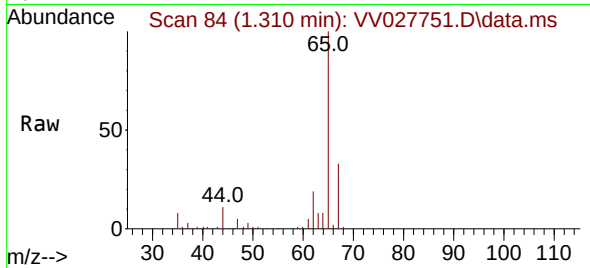




#5  
 Vinyl chloride  
 Concen: 0.549 ug/L  
 RT: 1.310 min Scan# 84  
 Delta R.T. 0.010 min  
 Lab File: VV027751.D  
 Acq: 06 Sep 2022 19:16

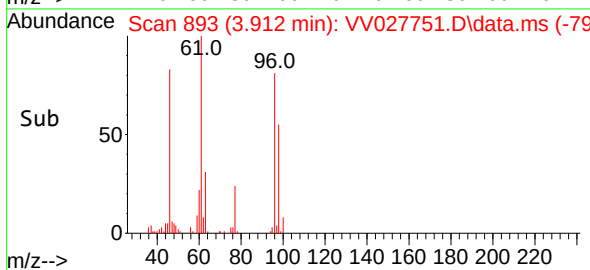
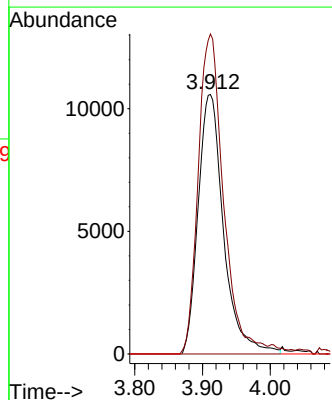
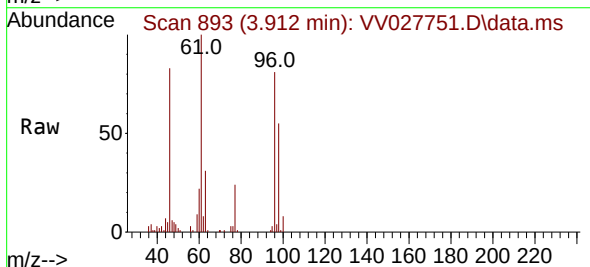
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DBVC0

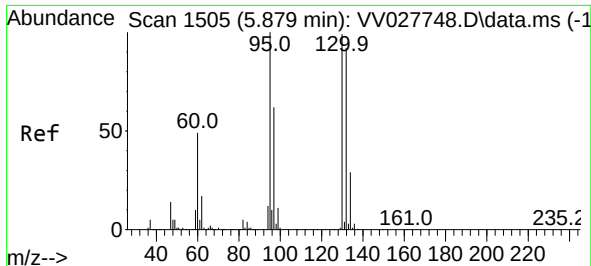
Tgt Ion: 62 Resp: 7121  
 Ion Ratio Lower Upper  
 62 100  
 64 42.6 23.2 43.2



#22  
 cis-1,2-Dichloroethene  
 Concen: 2.505 ug/L  
 RT: 3.912 min Scan# 893  
 Delta R.T. 0.010 min  
 Lab File: VV027751.D  
 Acq: 06 Sep 2022 19:16

Tgt Ion: 96 Resp: 27556  
 Ion Ratio Lower Upper  
 96 100  
 61 123.3 94.6 175.6  
 68 0.0 0.3 0.5





#34

Trichloroethene

Concen: 0.394 ug/L

RT: 5.921 min Scan# 1

Delta R.T. 0.042 min

Lab File: VV027751.D

Acq: 06 Sep 2022 19:16

Instrument :

MSVOA\_V

ClientSampleId :

DBVC0

Tgt Ion: 95 Resp: 4911

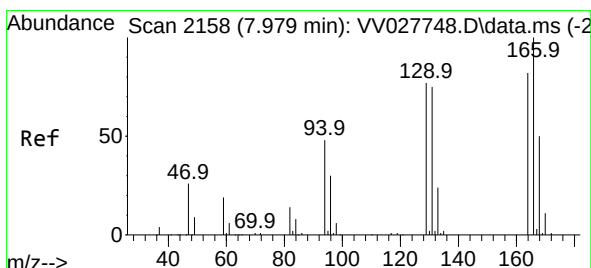
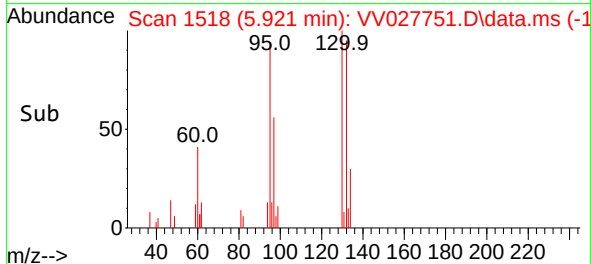
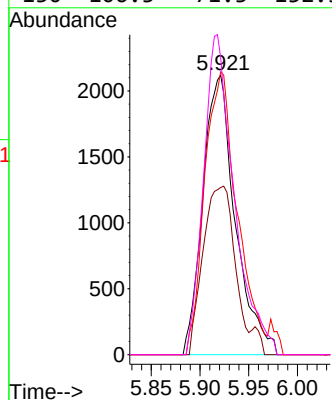
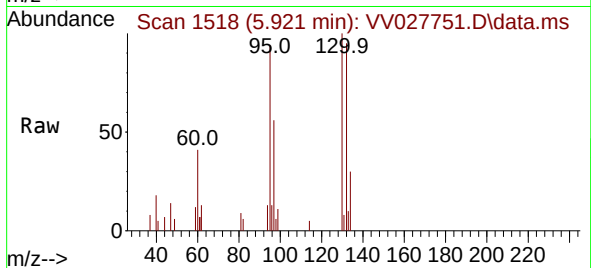
Ion Ratio Lower Upper

95 100

97 59.8 42.9 79.7

132 101.2 67.9 126.1

130 106.3 71.3 132.3



#47

Tetrachloroethene

Concen: 6.632 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.006 min

Lab File: VV027751.D

Acq: 06 Sep 2022 19:16

Tgt Ion: 164 Resp: 66411

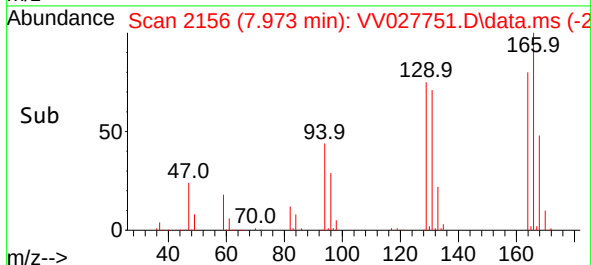
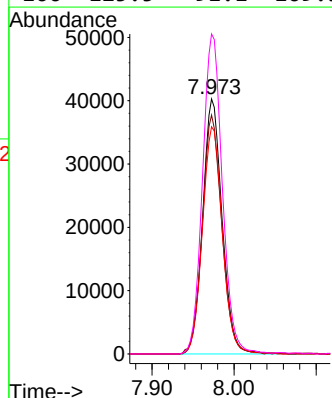
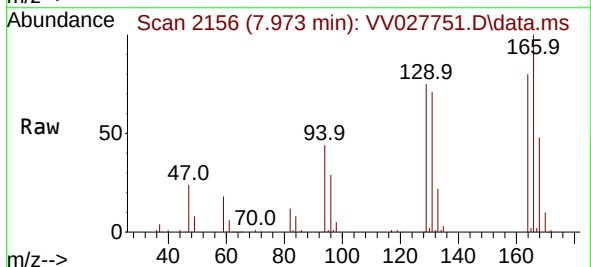
Ion Ratio Lower Upper

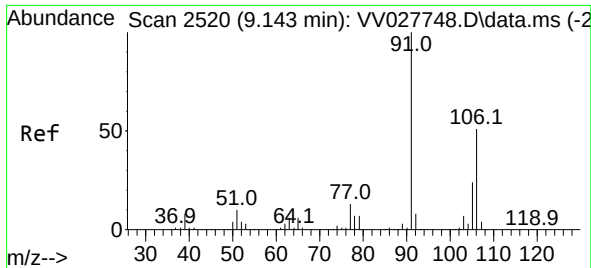
164 100

129 93.7 67.2 124.8

131 89.1 61.5 114.3

166 125.5 91.1 169.3

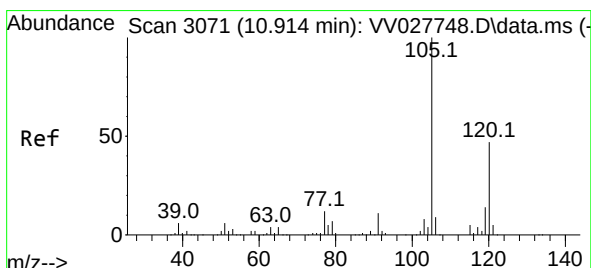
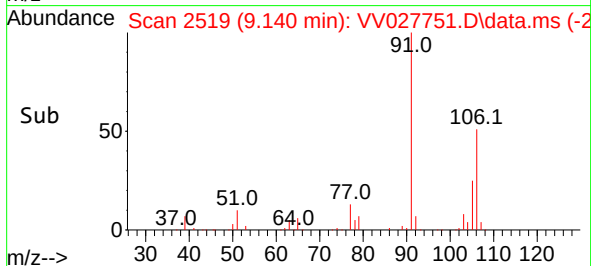
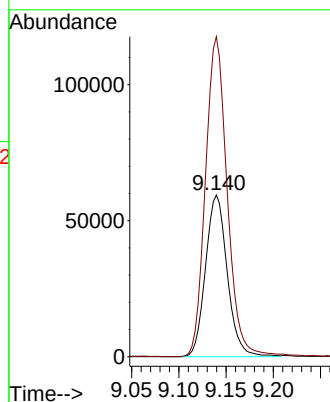
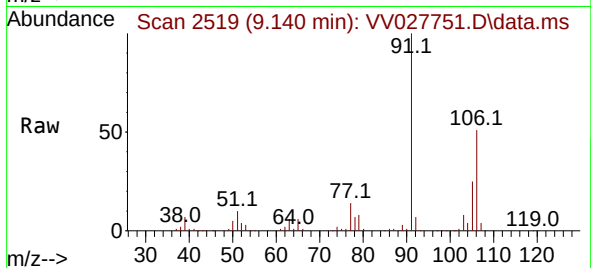




#53  
m,p-Xylene  
Concen: 4.834 ug/L  
RT: 9.140 min Scan# 2520  
Delta R.T. -0.003 min  
Lab File: VV027751.D  
Acq: 06 Sep 2022 19:16

Instrument :  
MSVOA\_V  
ClientSampleId :  
DBVC0

Tgt Ion:106 Resp: 95222  
Ion Ratio Lower Upper  
106 100  
91 197.8 142.4 264.4



#63  
1,2,4-Trimethylbenzene  
Concen: 0.119 ug/L  
RT: 10.915 min Scan# 3071  
Delta R.T. 0.000 min  
Lab File: VV027751.D  
Acq: 06 Sep 2022 19:16

Tgt Ion:105 Resp: 4178  
Ion Ratio Lower Upper  
105 100  
120 47.6 37.4 56.0

