

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU070124\  
 Data File : VU059703.D  
 Acq On : 01 Jul 2024 22:53  
 Operator : MD/SY  
 Sample : P3121-05  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 COBH2

Quant Time: Jul 02 03:55:23 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR061724WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Jun 29 01:51:23 2024  
 Response via : Initial Calibration

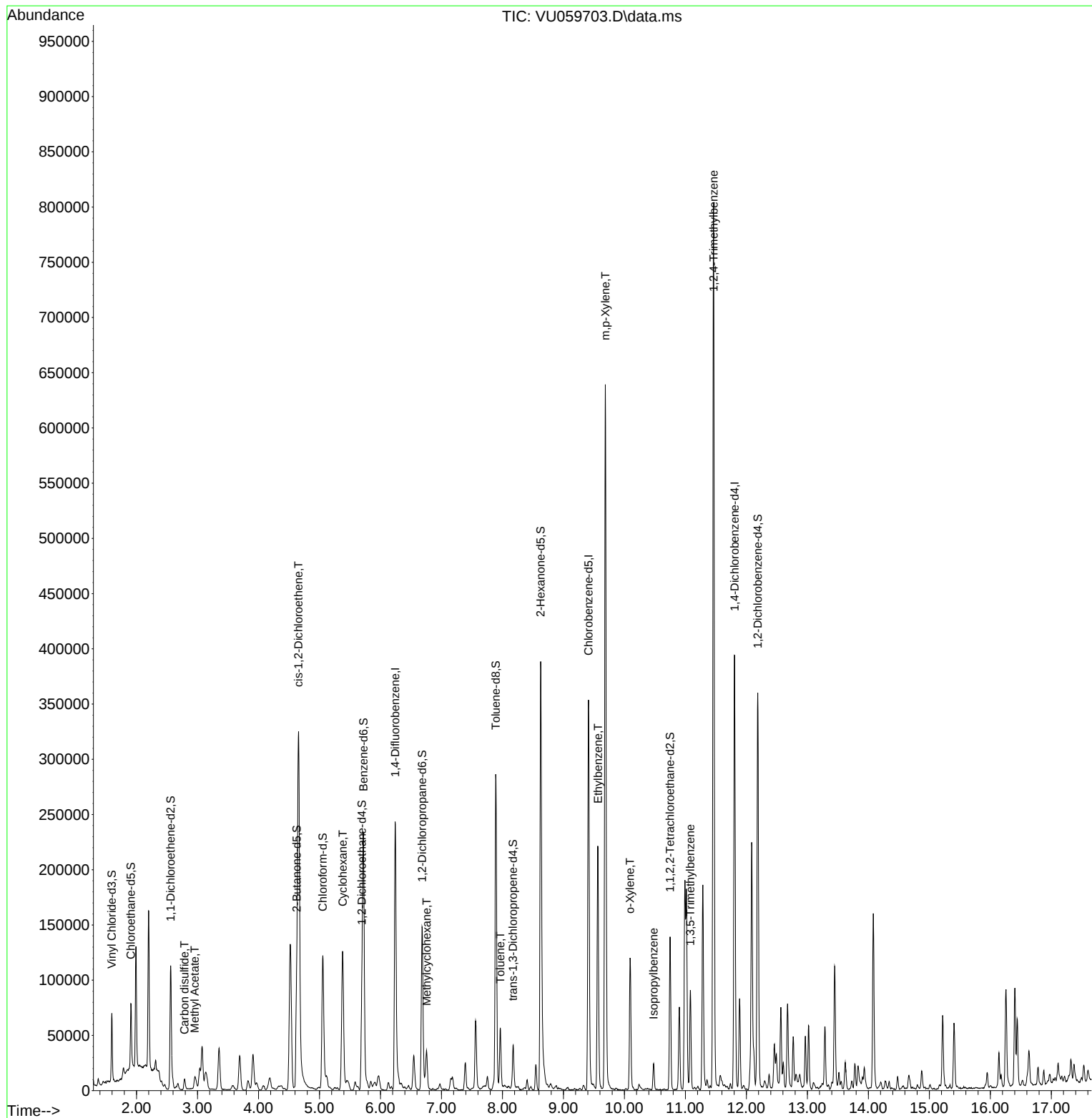
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 213766   | 5.000    | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 210525   | 5.000    | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 112526   | 5.000    | ug/L   | 0.00      |
|                               |        |       |          |          |        |           |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 40455    | 2.722    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 54.400%   |
| 7) Chloroethane-d5            | 1.907  | 69    | 45260    | 3.165    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 63.200%#  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 19786    | 3.208    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 64.200%   |
| 20) 2-Butanone-d5             | 4.627  | 46    | 179258   | 58.546   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 117.100%  |
| 24) Chloroform-d              | 5.055  | 84    | 115271   | 3.778    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 75.600%   |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 60667    | 4.128    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 82.600%   |
| 32) Benzene-d6                | 5.721  | 84    | 227683   | 3.930    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 78.600%   |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 74114    | 4.174    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 83.400%   |
| 41) Toluene-d8                | 7.891  | 98    | 202461   | 3.759    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 75.200%   |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 24333    | 4.377    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 87.600%   |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 150870   | 65.313   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 130.620%# |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84    | 69429    | 4.733    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 94.600%   |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 90566    | 4.522    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 90.400%   |
|                               |        |       |          |          |        |           |
| Target Compounds              |        |       |          |          |        | Qvalue    |
| 14) Carbon disulfide          | 2.788  | 76    | 14123    | 0.279    | ug/L   | 100       |
| 15) Methyl Acetate            | 2.955  | 43    | 8174     | 1.560    | ug/L   | 92        |
| 22) cis-1,2-Dichloroethene    | 4.656  | 96    | 165449   | 9.520    | ug/L   | 95        |
| 30) Cyclohexane               | 5.380  | 56    | 63695    | 2.968    | ug/L # | 95        |
| 35) Methylcyclohexane         | 6.756  | 83    | 13270    | 0.539    | ug/L   | 97        |
| 42) Toluene                   | 7.965  | 91    | 42933    | 0.634    | ug/L   | 99        |
| 52) Ethylbenzene              | 9.566  | 91    | 156625   | 2.256    | ug/L   | 95        |
| 53) m,p-Xylene                | 9.688  | 106   | 188150   | 7.056    | ug/L   | 98        |
| 54) o-Xylene                  | 10.093 | 106   | 35228    | 1.392    | ug/L   | 94        |
| 60) Isopropylbenzene          | 10.479 | 105   | 15266    | 0.220    | ug/L # | 68        |
| 62) 1,3,5-Trimethylbenzene    | 11.081 | 105   | 49584    | 0.900    | ug/L   | 97        |
| 63) 1,2,4-Trimethylbenzene    | 11.463 | 105   | 457257   | 8.685    | ug/L   | 97        |
| -----                         |        |       |          |          |        |           |

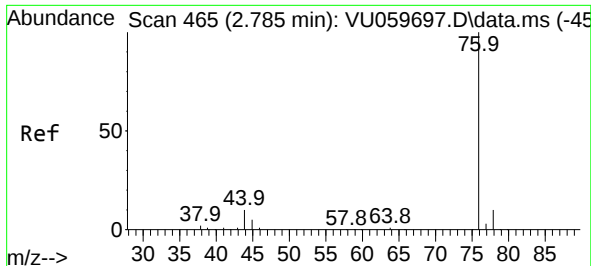
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Sat Jun 29 01:51:23 2024  
Response via : Initial Calibration

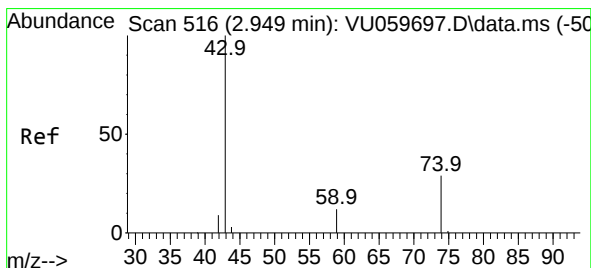
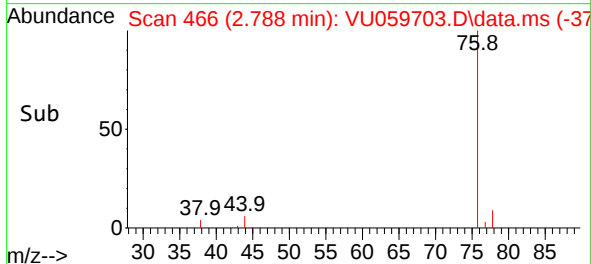
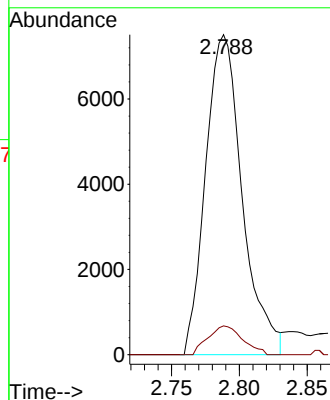
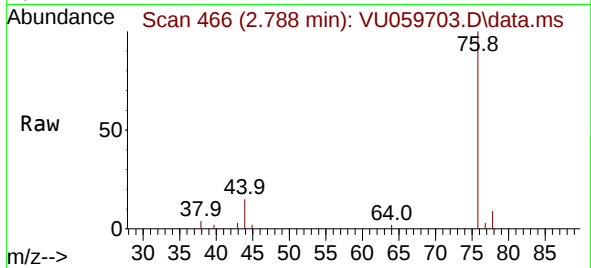




#14  
Carbon disulfide  
Concen: 0.279 ug/L  
RT: 2.788 min Scan# 466  
Delta R.T. 0.003 min  
Lab File: VU059703.D  
Acq: 01 Jul 2024 22:53

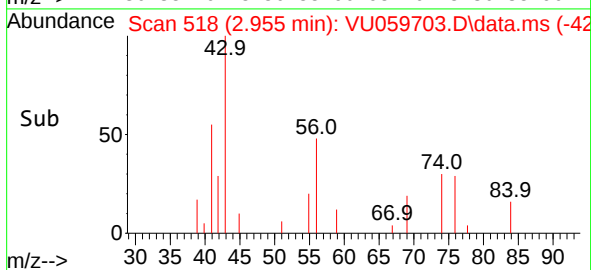
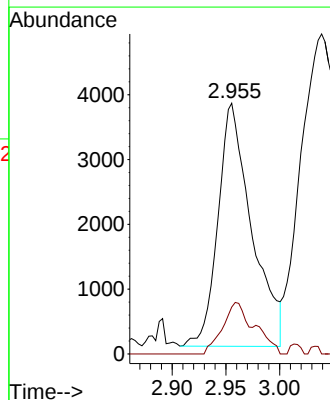
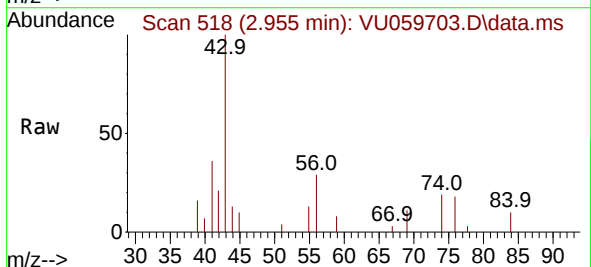
Instrument :  
MSVOA\_U  
ClientSampleId :  
C0BH2

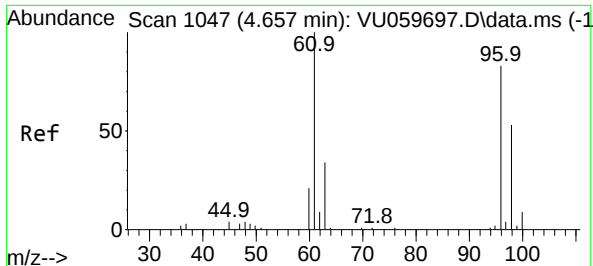
Tgt Ion: 76 Resp: 14123  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.3 10.9



#15  
Methyl Acetate  
Concen: 1.560 ug/L  
RT: 2.955 min Scan# 518  
Delta R.T. 0.006 min  
Lab File: VU059703.D  
Acq: 01 Jul 2024 22:53

Tgt Ion: 43 Resp: 8174  
Ion Ratio Lower Upper  
43 100  
74 20.0 19.2 28.8





#22

cis-1,2-Dichloroethene

Concen: 9.520 ug/L

RT: 4.656 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU059703.D

Acq: 01 Jul 2024 22:53

Instrument :

MSVOA\_U

ClientSampleId :

C0BH2

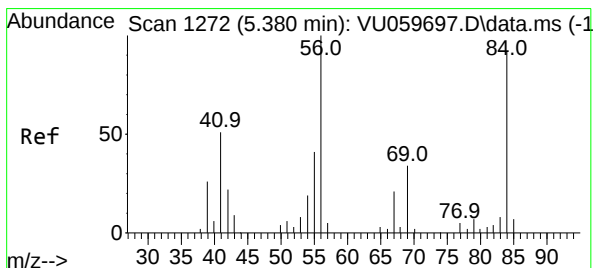
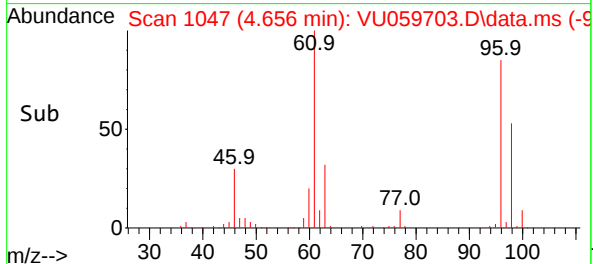
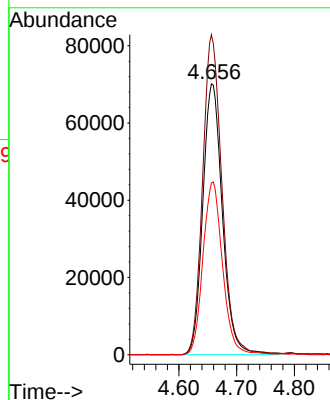
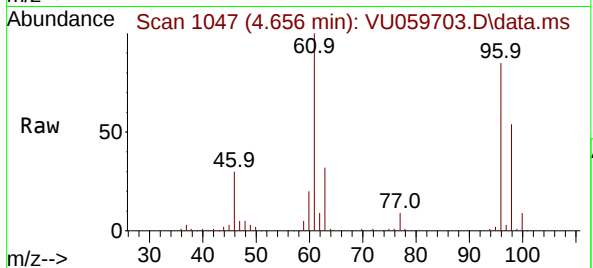
Tgt Ion: 96 Resp: 165449

Ion Ratio Lower Upper

96 100

61 118.2 87.4 162.2

98 63.4 42.3 78.5



#30

Cyclohexane

Concen: 2.968 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VU059703.D

Acq: 01 Jul 2024 22:53

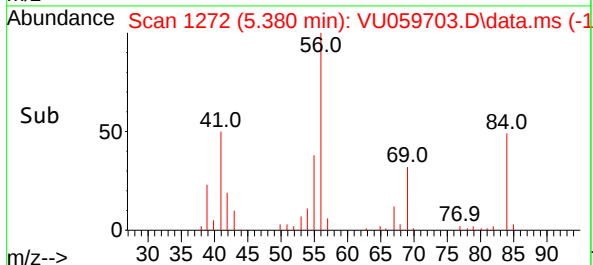
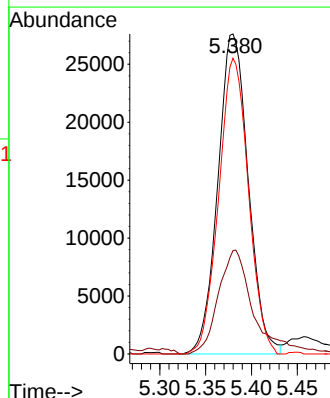
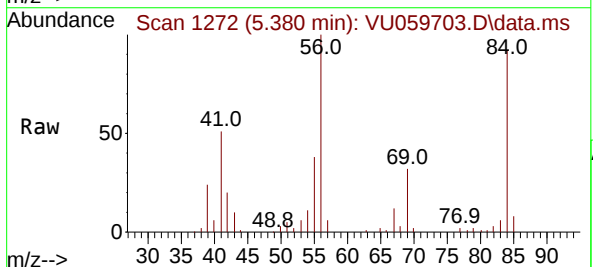
Tgt Ion: 56 Resp: 63695

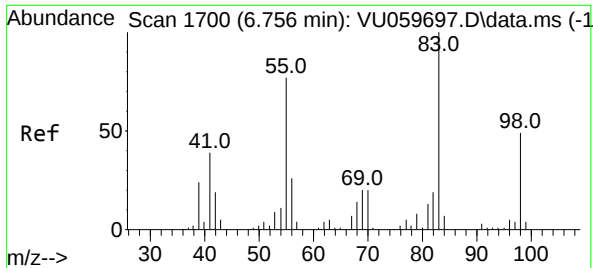
Ion Ratio Lower Upper

56 100

69 37.8 24.8 37.2#

84 90.1 69.8 104.8

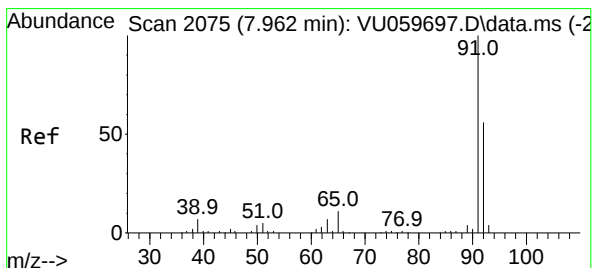
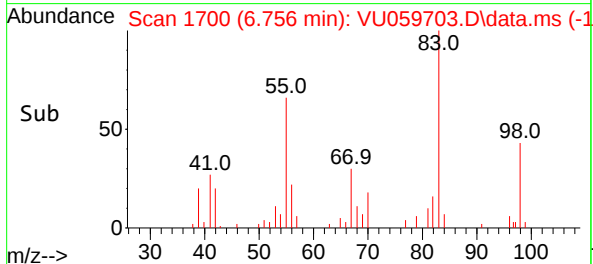
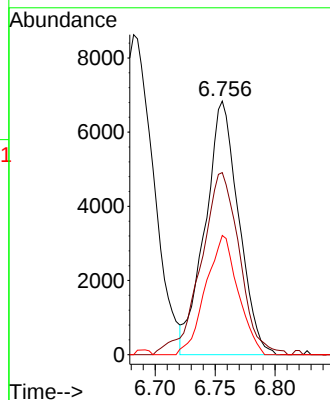
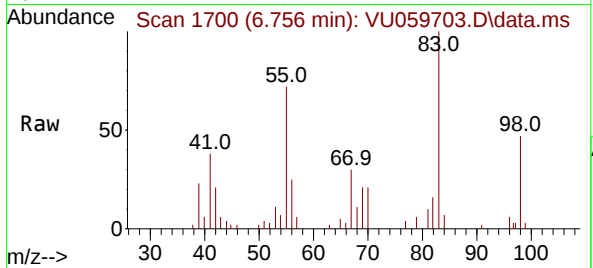




#35  
Methylcyclohexane  
Concen: 0.539 ug/L  
RT: 6.756 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VU059703.D  
Acq: 01 Jul 2024 22:53

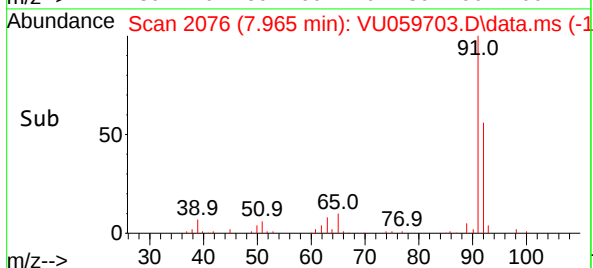
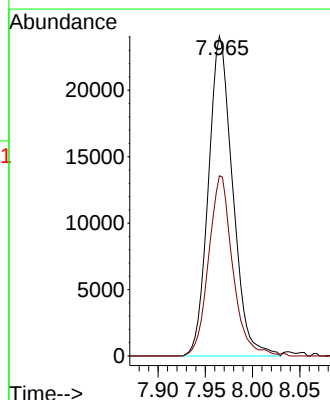
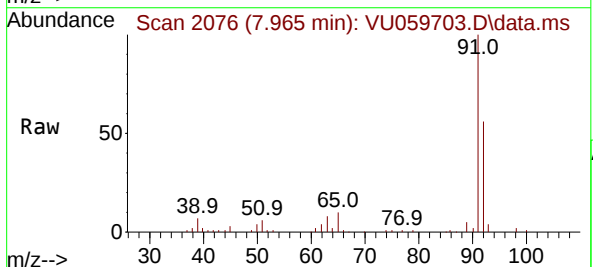
Instrument :  
MSVOA\_U  
ClientSampleId :  
C0BH2

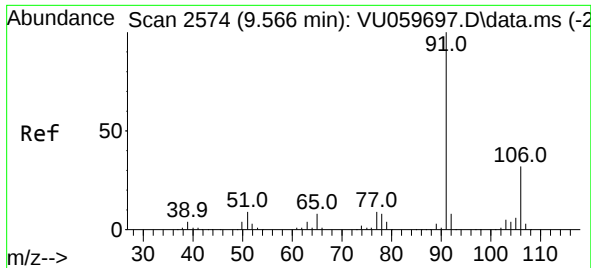
Tgt Ion: 83 Resp: 13270  
Ion Ratio Lower Upper  
83 100  
55 82.2 62.7 94.1  
98 45.5 35.4 53.0



#42  
Toluene  
Concen: 0.634 ug/L  
RT: 7.965 min Scan# 2076  
Delta R.T. 0.003 min  
Lab File: VU059703.D  
Acq: 01 Jul 2024 22:53

Tgt Ion: 91 Resp: 42933  
Ion Ratio Lower Upper  
91 100  
92 56.3 39.7 73.7

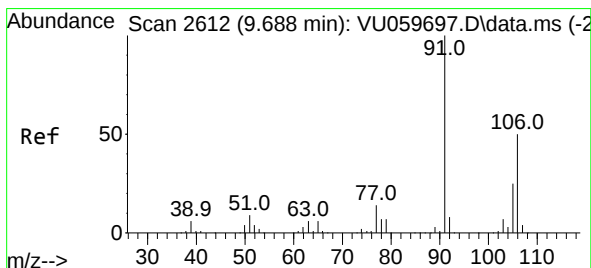
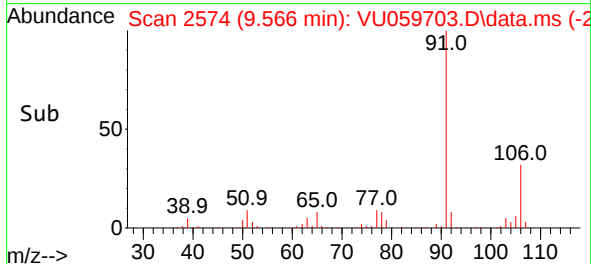
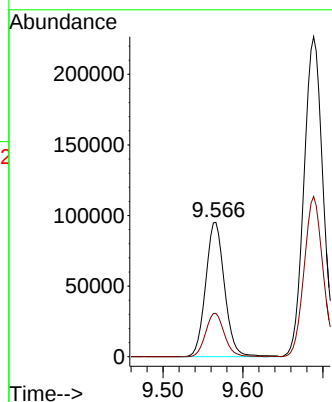
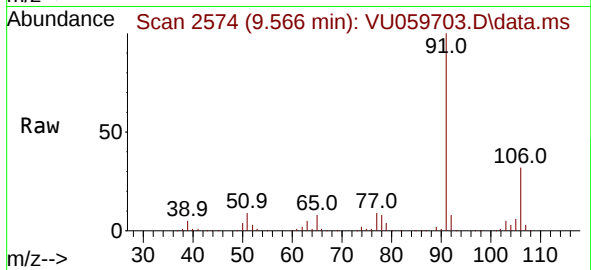




#52  
Ethylbenzene  
Concen: 2.256 ug/L  
RT: 9.566 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VU059703.D  
Acq: 01 Jul 2024 22:53

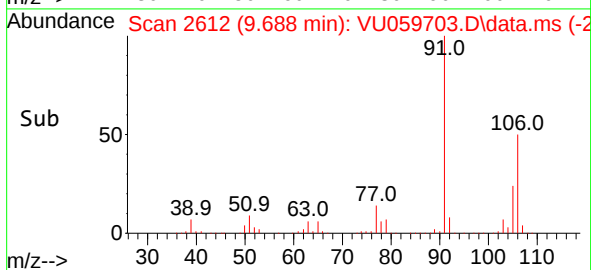
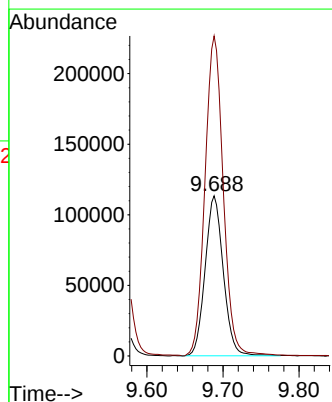
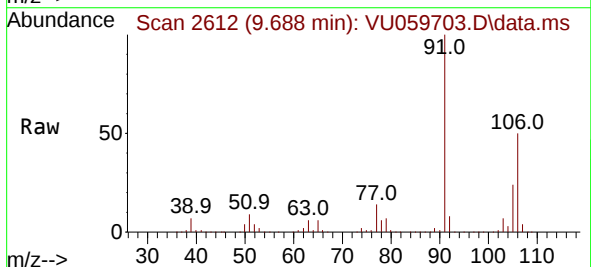
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C0BH2

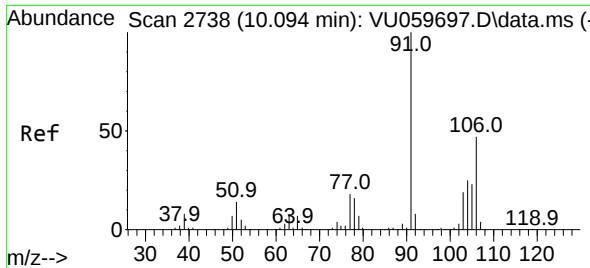
Tgt Ion: 91 Resp: 156625  
Ion Ratio Lower Upper  
91 100  
106 32.3 20.9 38.7



#53  
m,p-Xylene  
Concen: 7.056 ug/L  
RT: 9.688 min Scan# 2612  
Delta R.T. 0.000 min  
Lab File: VU059703.D  
Acq: 01 Jul 2024 22:53

Tgt Ion: 106 Resp: 188150  
Ion Ratio Lower Upper  
106 100  
91 199.7 142.0 263.8

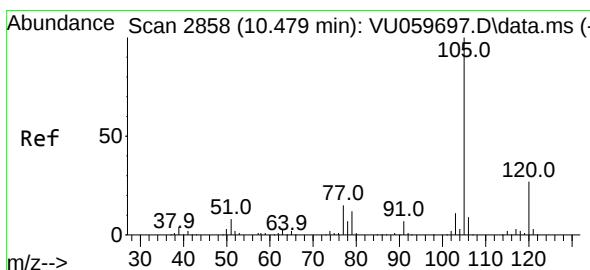
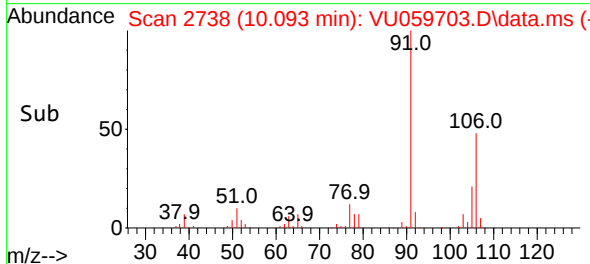
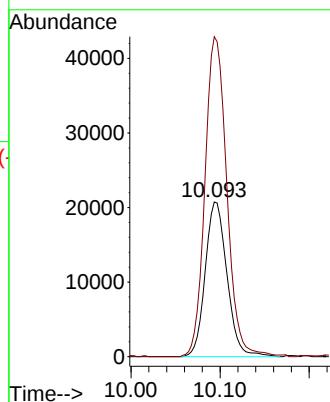
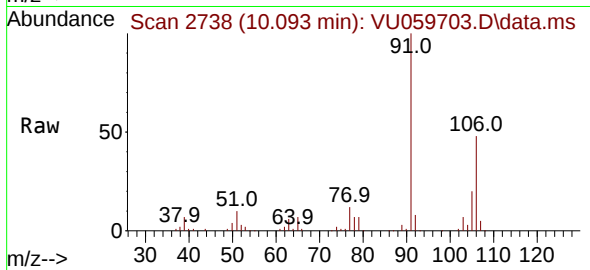




#54  
o-Xylene  
Concen: 1.392 ug/L  
RT: 10.093 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU059703.D  
Acq: 01 Jul 2024 22:53

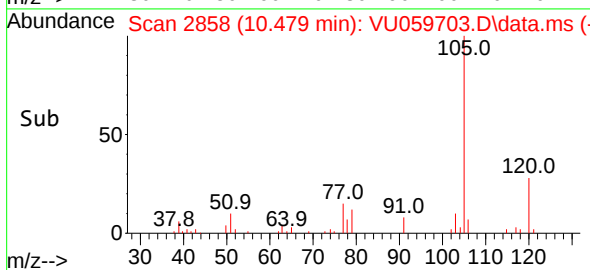
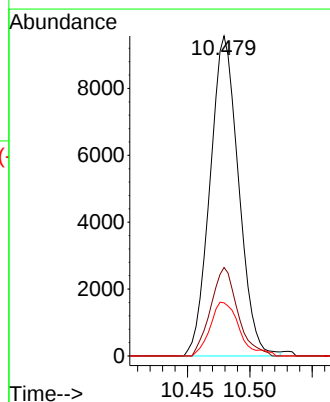
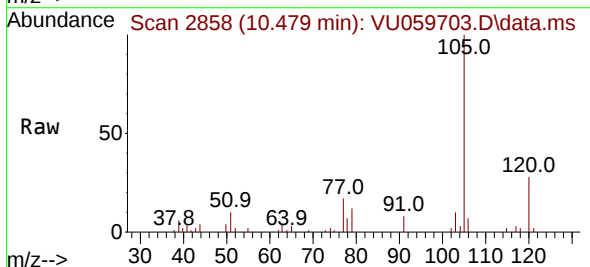
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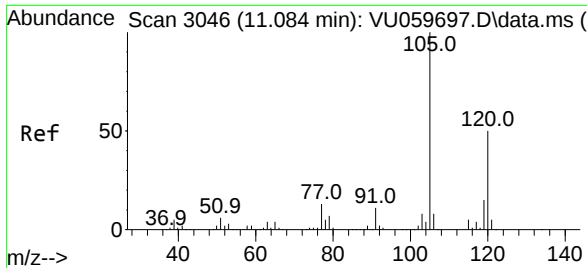
Tgt Ion:106 Resp: 35228  
Ion Ratio Lower Upper  
106 100  
91 206.9 151.6 281.6



#60  
Isopropylbenzene  
Concen: 0.220 ug/L  
RT: 10.479 min Scan# 2858  
Delta R.T. -0.000 min  
Lab File: VU059703.D  
Acq: 01 Jul 2024 22:53

Tgt Ion:105 Resp: 15266  
Ion Ratio Lower Upper  
105 100  
120 0.0 20.6 31.0#  
77 17.1 12.8 19.2

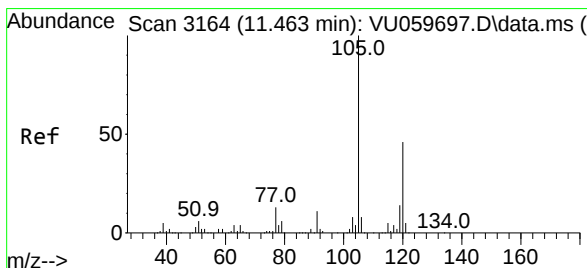
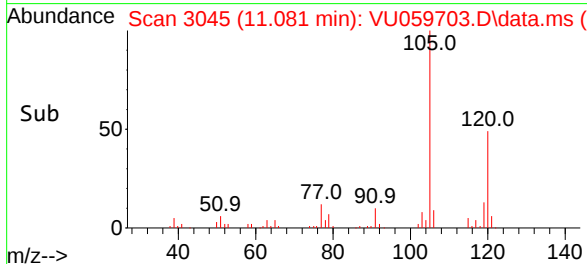
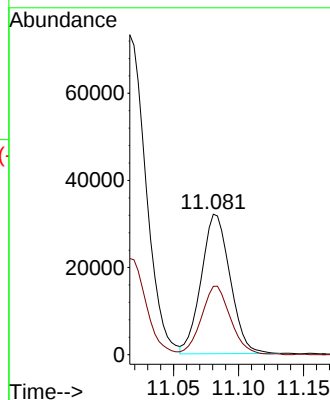
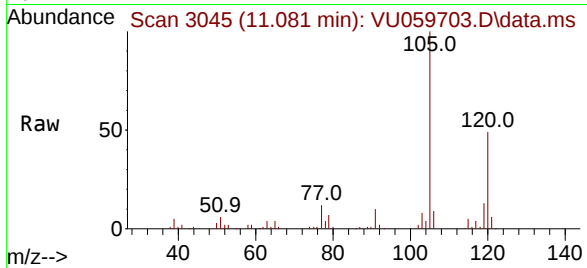




#62  
 1,3,5-Trimethylbenzene  
 Concen: 0.900 ug/L  
 RT: 11.081 min Scan# 3046  
 Delta R.T. -0.003 min  
 Lab File: VU059703.D  
 Acq: 01 Jul 2024 22:53

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0BH2

Tgt Ion:105 Resp: 49584  
 Ion Ratio Lower Upper  
 105 100  
 120 50.0 38.2 57.4



#63  
 1,2,4-Trimethylbenzene  
 Concen: 8.685 ug/L  
 RT: 11.463 min Scan# 3164  
 Delta R.T. -0.000 min  
 Lab File: VU059703.D  
 Acq: 01 Jul 2024 22:53

Tgt Ion:105 Resp: 457257  
 Ion Ratio Lower Upper  
 105 100  
 120 46.1 35.4 53.0

