

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU101024\  
 Data File : VU061097.D  
 Acq On : 10 Oct 2024 18:24  
 Operator : MD/SY  
 Sample : P4380-13  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 E27H2

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024  
 Supervised By :Semsettin Yesilyurt 10/14/2024

Quant Time: Oct 11 06:51:27 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR100124WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Oct 11 06:46:55 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon           | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|---------|----------|
| Internal Standards            |        |                |          |        |         |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114            | 172369   | 5.000  | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 9.409  | 117            | 159860   | 5.000  | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152            | 77794    | 5.000  | ug/L    | 0.00     |
| System Monitoring Compounds   |        |                |          |        |         |          |
| 4) Vinyl Chloride-d3          | 1.593  | 65             | 38331    | 3.110  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 62.200% |          |
| 7) Chloroethane-d5            | 1.908  | 69             | 33661    | 3.649  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 73.000% |          |
| 11) 1,1-Dichloroethene-d2     | 2.557  | 65             | 18208    | 3.349  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 67.000% |          |
| 20) 2-Butanone-d5             | 4.644  | 46             | 109555   | 37.113 | ug/L    | 0.02     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 74.220% |          |
| 24) Chloroform-d              | 5.052  | 84             | 83296    | 3.835  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 76.800% |          |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65             | 46176    | 4.011  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 80.200% |          |
| 32) Benzene-d6                | 5.718  | 84             | 168112   | 3.988  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 79.800% |          |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67             | 56973    | 4.116  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 82.400% |          |
| 41) Toluene-d8                | 7.891  | 98             | 151019   | 3.833  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 76.600% |          |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79             | 22243    | 3.758  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 75.200% |          |
| 46) 2-Hexanone-d5             | 8.628  | 63             | 99436    | 40.589 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 81.180% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.747 | 84             | 43066    | 4.242  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 84.800% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.184 | 152            | 54333    | 4.368  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 87.400% |          |
| Target Compounds              |        |                |          |        |         |          |
|                               |        |                |          |        | Qvalue  |          |
| 13) Acetone                   | 2.673  | 43             | 16765    | 8.831  | ug/L    | 99       |
| 33) Benzene                   | 5.766  | 78             | 15660    | 0.332  | ug/L    | 100      |
| 42) Toluene                   | 7.965  | 91             | 19677    | 0.392  | ug/L    | 99       |
| 53) m,p-Xylene                | 9.689  | 106            | 9540     | 0.460  | ug/L    | 91       |
| 54) o-Xylene                  | 10.094 | 106            | 7135     | 0.349  | ug/L    | 97       |
| 60) Isopropylbenzene          | 10.477 | 105            | 13475    | 0.259  | ug/L    | 95       |
| 62) 1,3,5-Trimethylbenzene    | 11.081 | 105            | 25118    | 0.548  | ug/L    | 97       |
| 63) 1,2,4-Trimethylbenzene    | 11.464 | 105            | 12403m   | 0.268  | ug/L    |          |

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

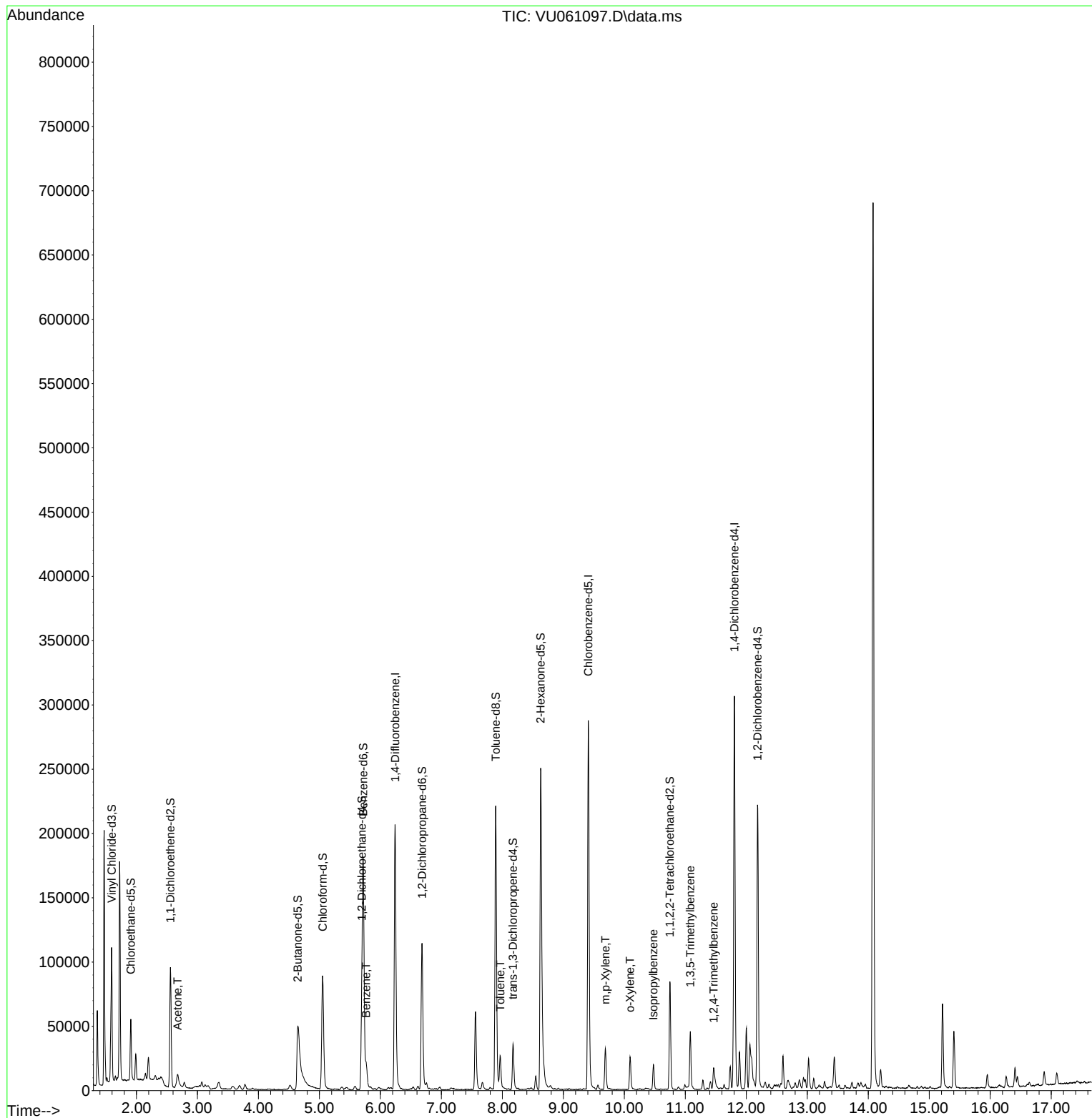
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU101024\  
Data File : VU061097.D  
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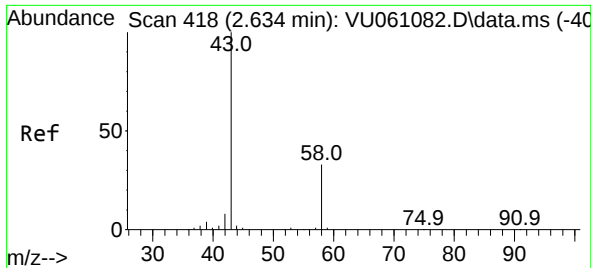
Instrument :  
MSVOA\_U  
ClientSampleId :  
E27H2

Quant Time: Oct 11 06:51:27 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR100124WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Oct 11 06:46:55 2024  
Response via : Initial Calibration

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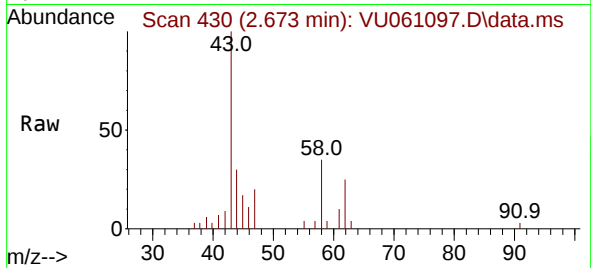
Reviewed By :Mahesh Dadoda 10/14/2024  
Supervised By :Semsettin Yesilyurt 10/14/2024





#13  
Acetone  
Concen: 8.831 ug/L  
RT: 2.673 min Scan# 418  
Delta R.T. 0.039 min  
Lab File: VU061097.D  
Acq: 10 Oct 2024 18:24

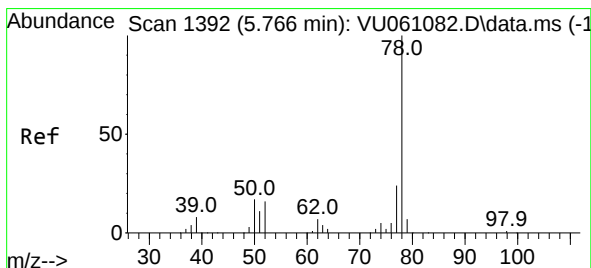
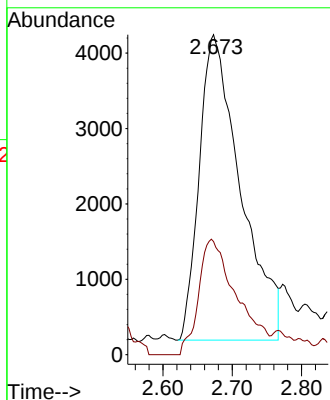
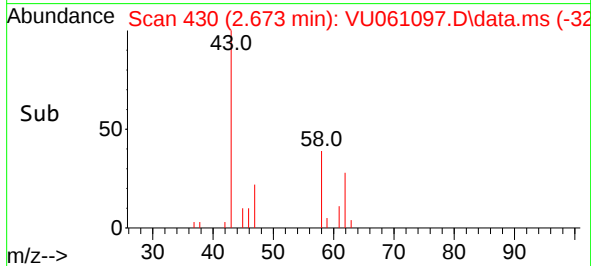
Instrument :  
MSVOA\_U  
ClientSampleId :  
E27H2



Tgt Ion: 43 Resp: 1676  
Ion Ratio Lower Upper  
43 100  
58 35.1 0.0 69.6

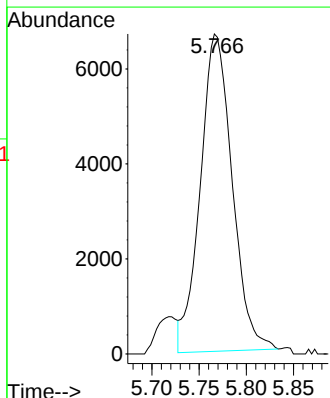
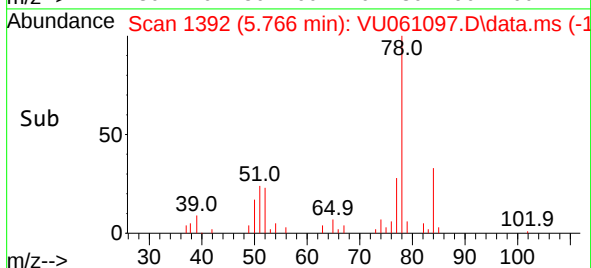
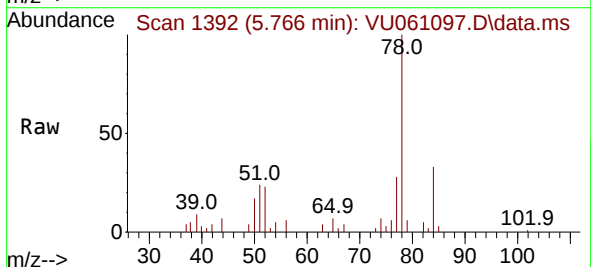
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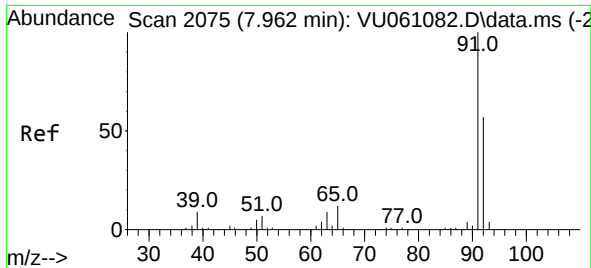
Reviewed By :Mahesh Dadoda 10/14/2024  
Supervised By :Semsettin Yesilyurt 10/14/2024



#33  
Benzene  
Concen: 0.332 ug/L  
RT: 5.766 min Scan# 1392  
Delta R.T. 0.000 min  
Lab File: VU061097.D  
Acq: 10 Oct 2024 18:24

Tgt Ion: 78 Resp: 15660





#42

Toluene

Concen: 0.392 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.004 min

Lab File: VU061097.D

Acq: 10 Oct 2024 18:24

Instrument :

MSVOA\_U

ClientSampleId :

E27H2

Tgt Ion: 91 Resp: 1967

Ion Ratio Lower Upper

91 100

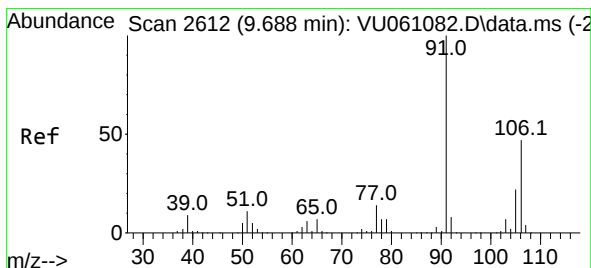
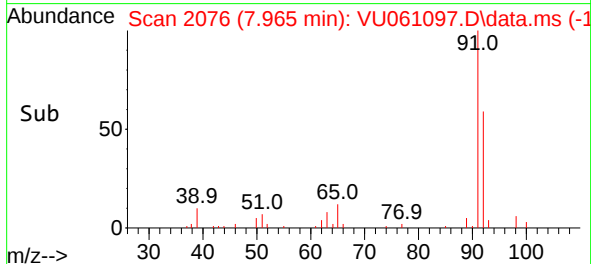
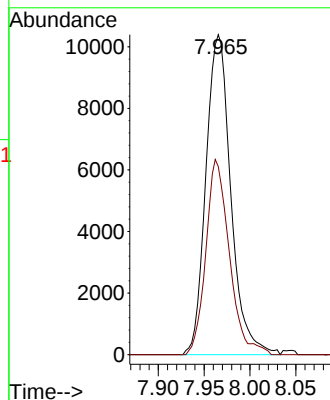
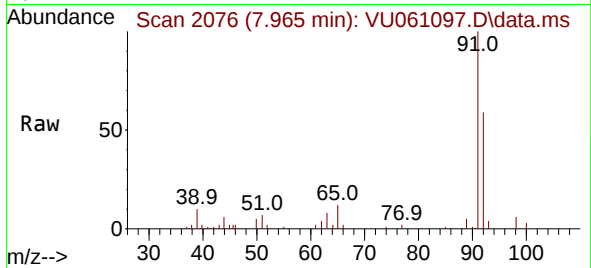
92 58.8 40.5 75.3

Manual Integrations

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#53

m,p-Xylene

Concen: 0.460 ug/L

RT: 9.689 min Scan# 2612

Delta R.T. 0.000 min

Lab File: VU061097.D

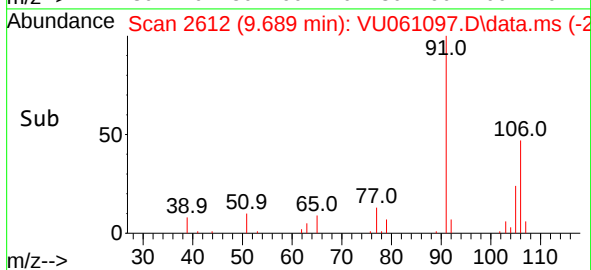
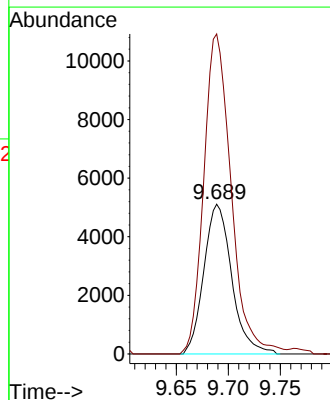
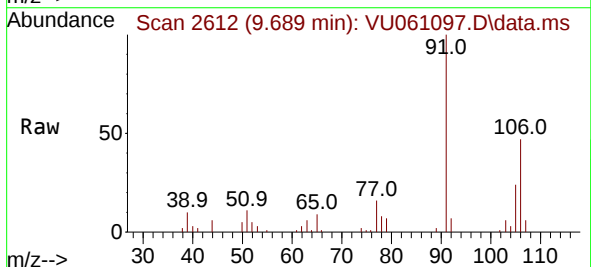
Acq: 10 Oct 2024 18:24

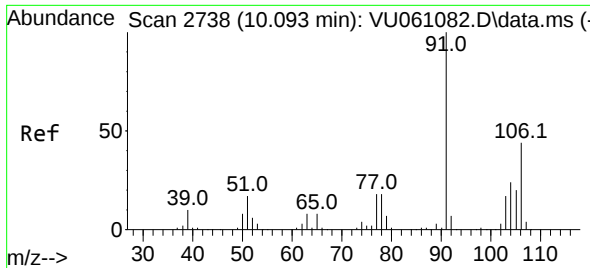
Tgt Ion:106 Resp: 9540

Ion Ratio Lower Upper

106 100

91 213.7 139.7 259.4





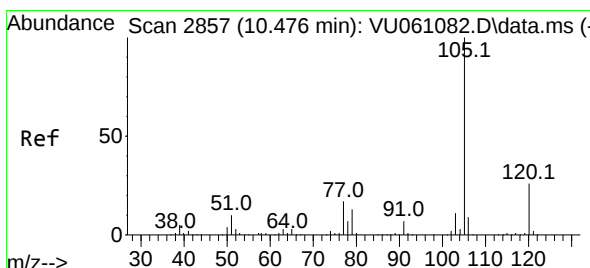
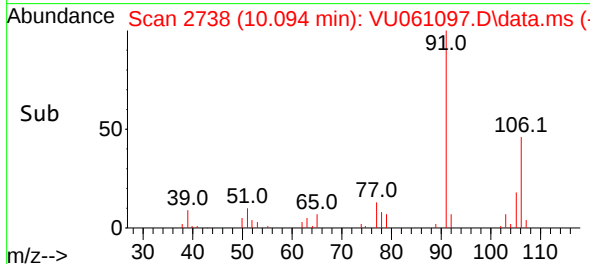
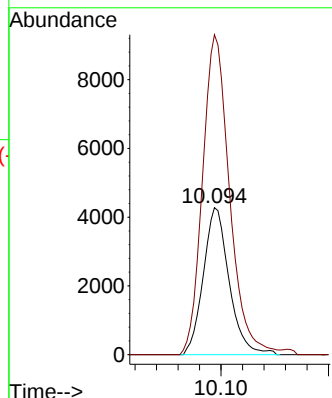
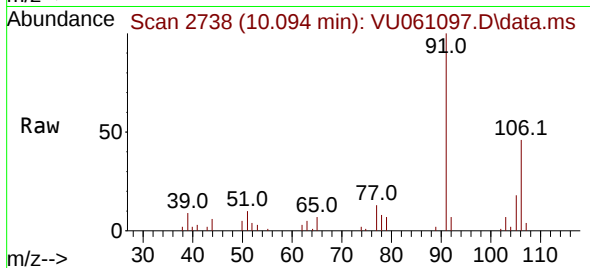
#54  
o-Xylene  
Concen: 0.349 ug/L  
RT: 10.094 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: VU061097.D  
Acq: 10 Oct 2024 18:24

Instrument :  
MSVOA\_U  
ClientSampleId :  
E27H2

Tgt Ion:106 Resp: 7135  
Ion Ratio Lower Upper  
106 100  
91 217.6 148.6 276.0

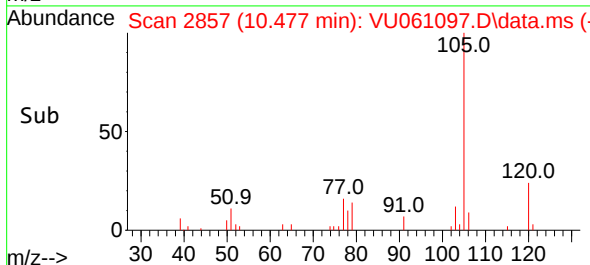
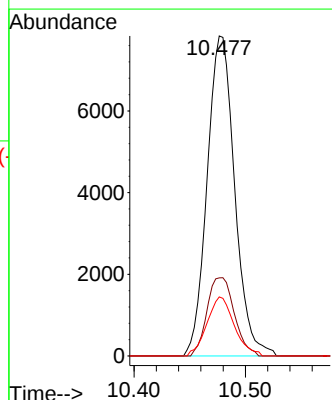
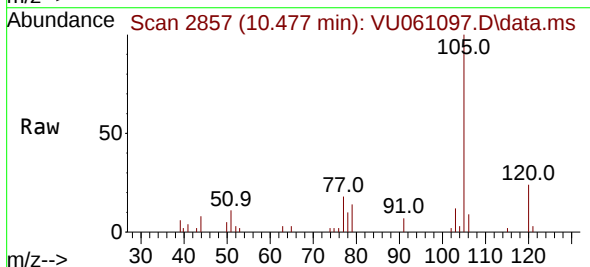
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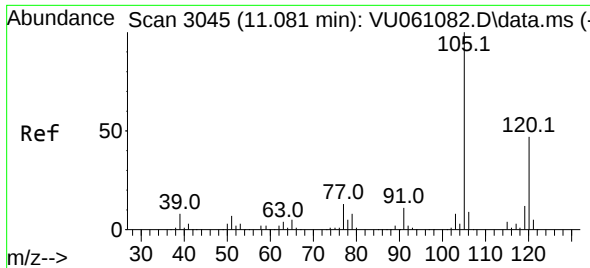
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#60  
Isopropylbenzene  
Concen: 0.259 ug/L  
RT: 10.477 min Scan# 2857  
Delta R.T. 0.000 min  
Lab File: VU061097.D  
Acq: 10 Oct 2024 18:24

Tgt Ion:105 Resp: 13475  
Ion Ratio Lower Upper  
105 100  
120 24.3 21.5 32.3  
77 18.3 12.6 18.8





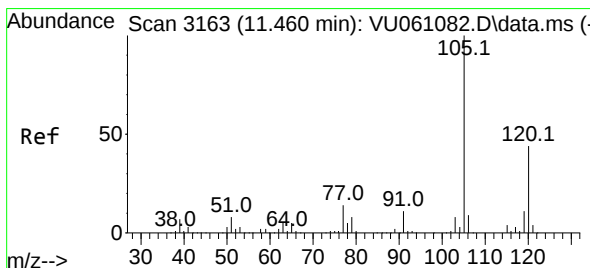
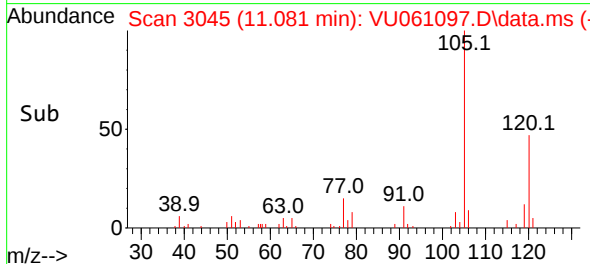
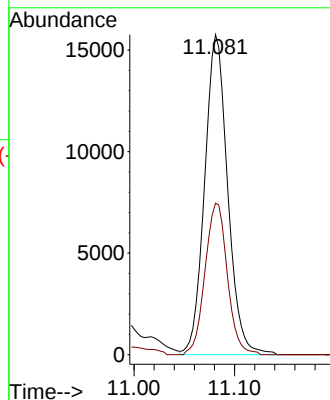
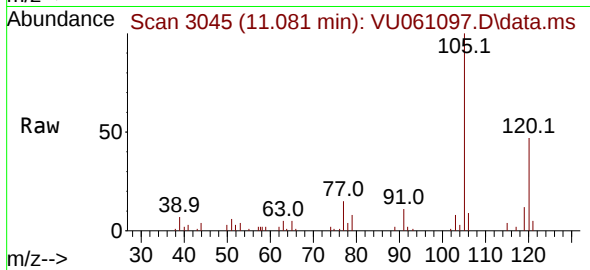
#62  
1,3,5-Trimethylbenzene  
Concen: 0.548 ug/L  
RT: 11.081 min Scan# 3045  
Delta R.T. 0.000 min  
Lab File: VU061097.D  
Acq: 10 Oct 2024 18:24

Instrument :  
MSVOA\_U  
ClientSampleId :  
E27H2

Tgt Ion:105 Resp: 25118  
Ion Ratio Lower Upper  
105 100  
120 45.8 38.5 57.7

Manual Integrations  
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#63  
1,2,4-Trimethylbenzene  
Concen: 0.268 ug/L m  
RT: 11.464 min Scan# 3164  
Delta R.T. 0.004 min  
Lab File: VU061097.D  
Acq: 10 Oct 2024 18:24

Tgt Ion:105 Resp: 12403  
Ion Ratio Lower Upper  
105 100  
120 8.5 36.1 54.1#

