

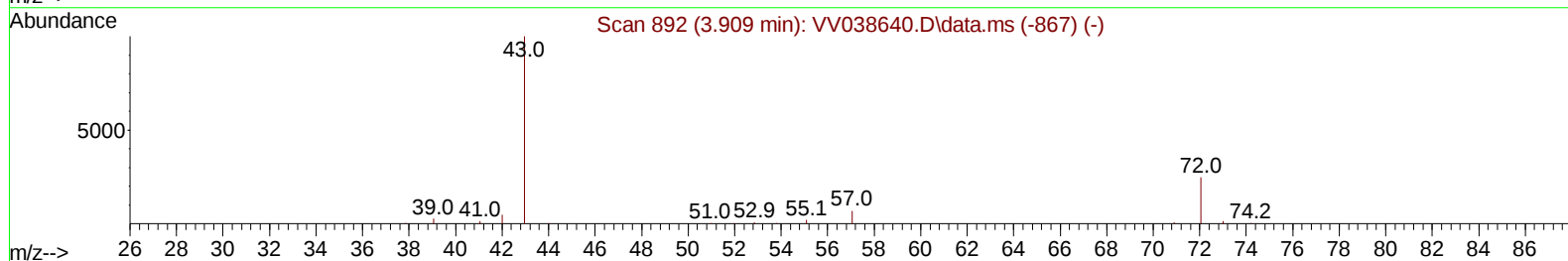
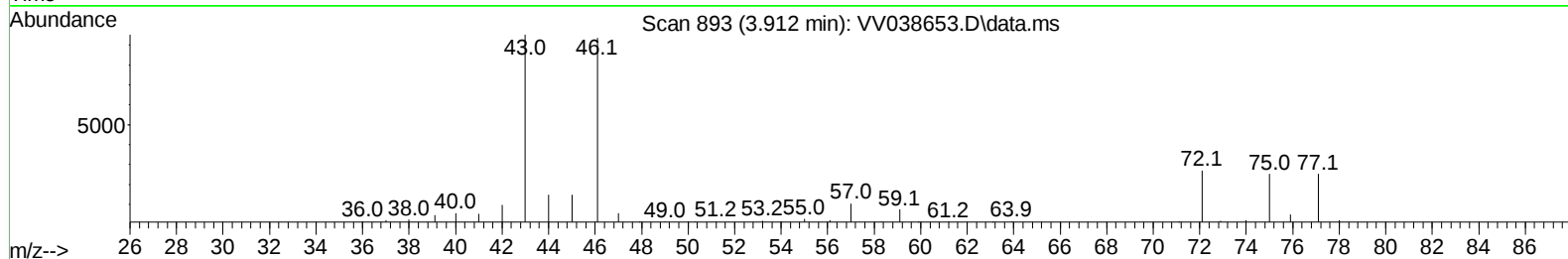
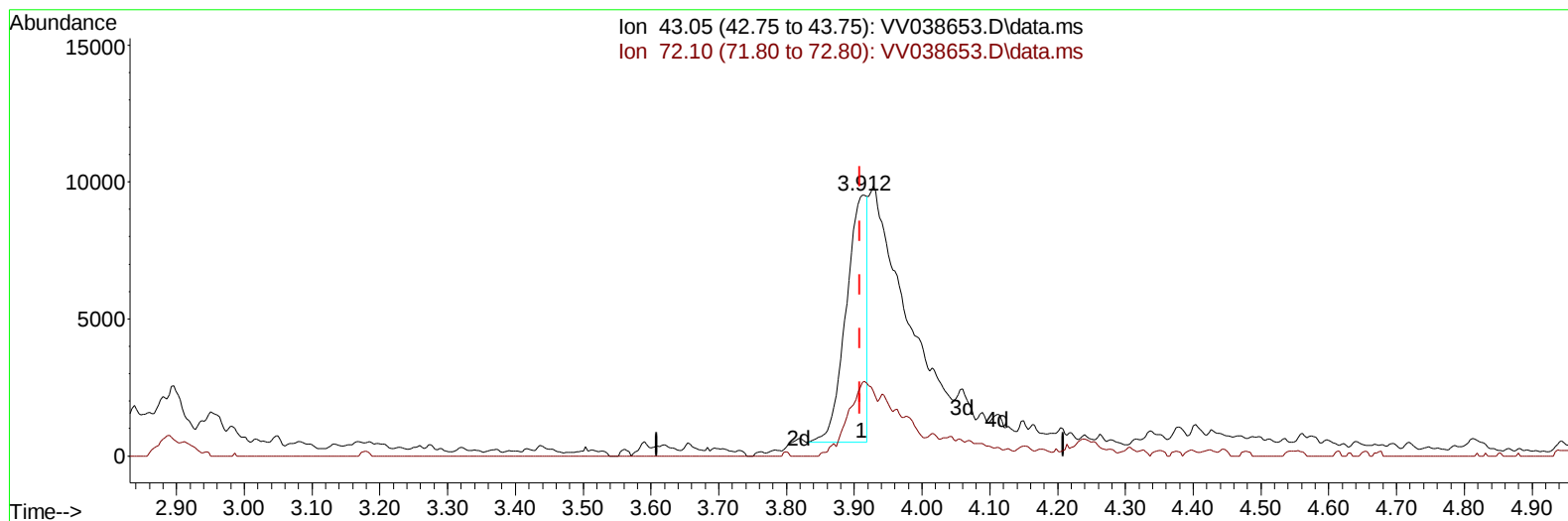
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV020725\  
 Data File : VV038653.D  
 Acq On : 07 Feb 2025 18:15  
 Operator : SY/MD  
 Sample : Q1334-12  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 E29B3

Manual IntegrationsAPPROVED

Quant Time: Feb 12 13:24:04 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR020625WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Feb 12 13:18:31 2025  
 Response via : Initial Calibration

Reviewed By :Romaben Patel 02/14/2025  
 Supervised By :Mahesh Dadoda 02/14/2025



TIC: VV038653.D\data.ms

**(21) 2-Butanone (T)**

**3.912min (+ 0.003) 3.88 ug/L**

**response 18964**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 72.10 | 23.70  | 39.64# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

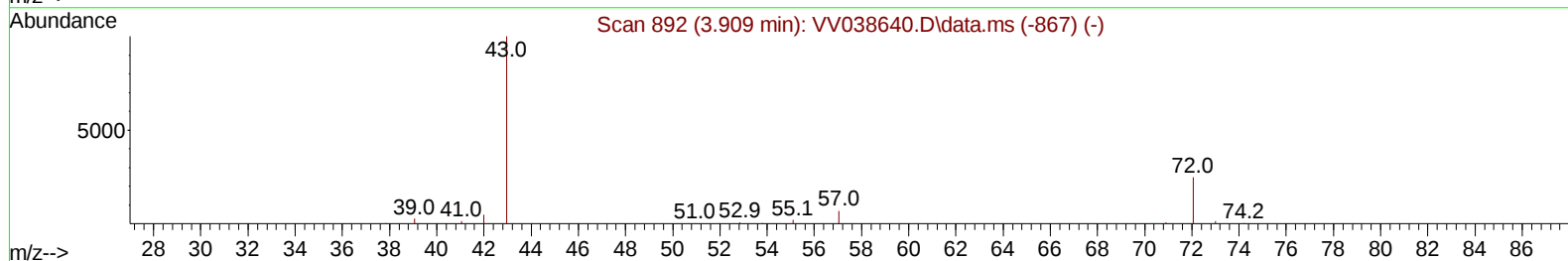
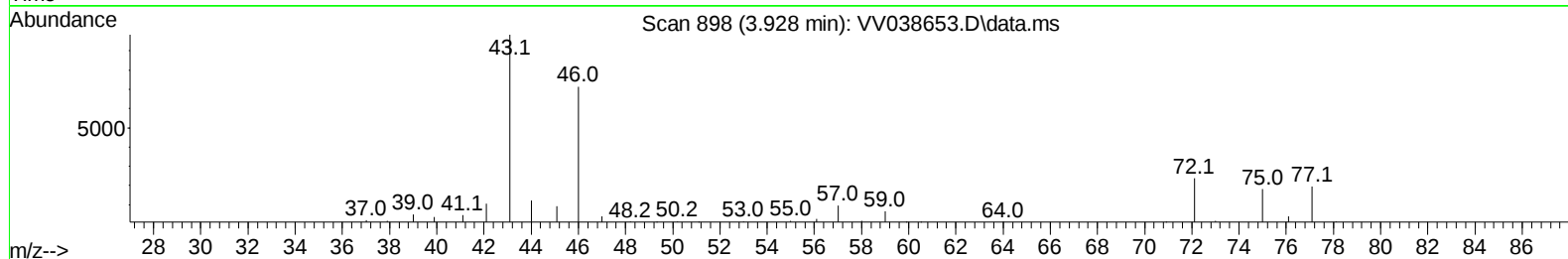
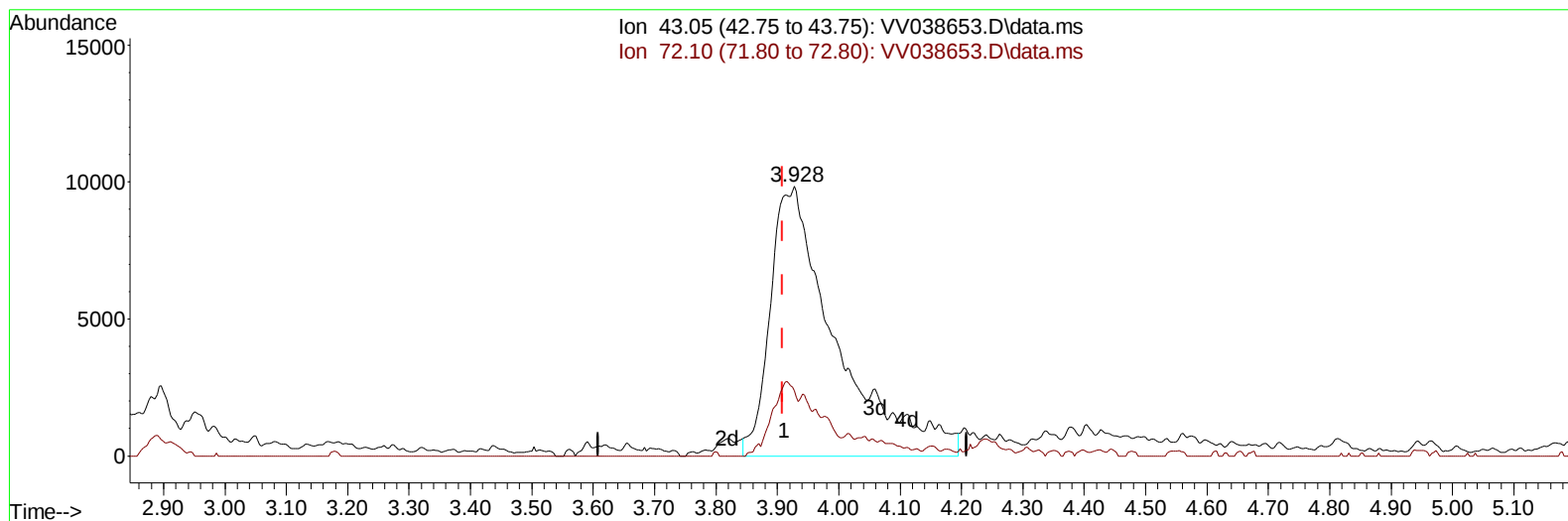
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ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
E29B3

## Manual IntegrationsAPPROVED

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Supervised By :Mahesh Dadoda 02/14/2025

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Feb 12 13:18:31 2025  
Response via : Initial Calibration



TIC: VV038653.D\data.ms

## (21) 2-Butanone (T)

3.928min (+ 0.019) 15.04 ug/L m

response 73440

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 72.10 | 23.70  | 10.24# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

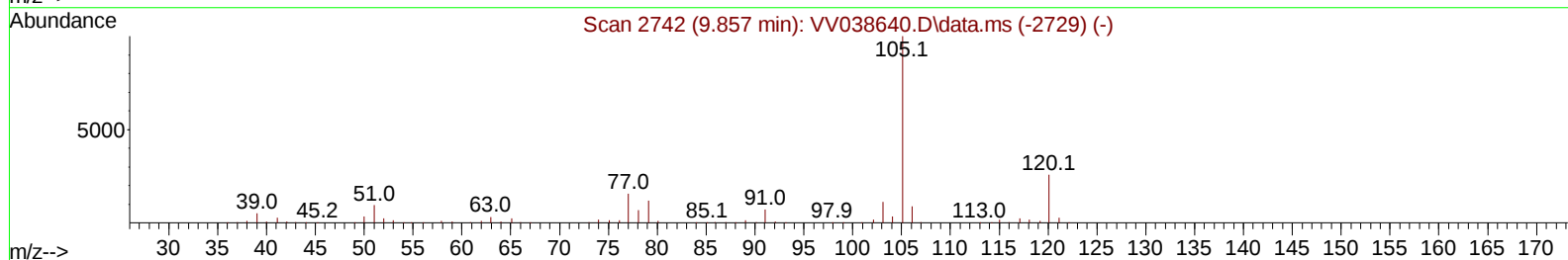
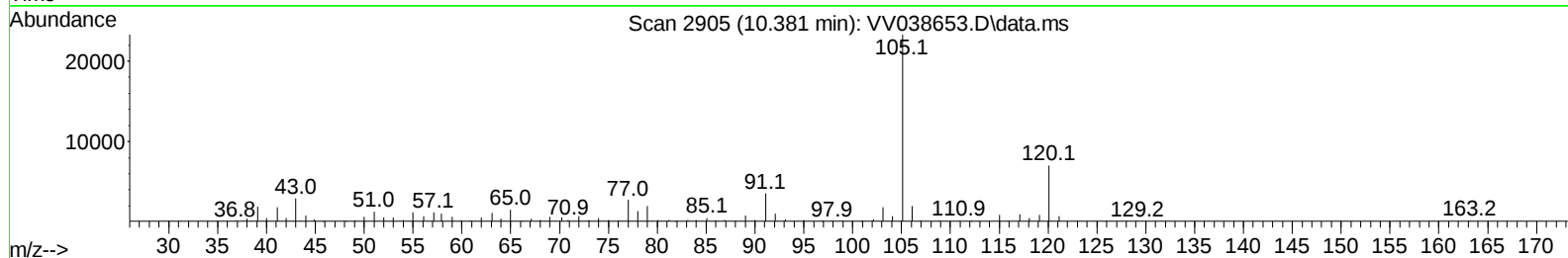
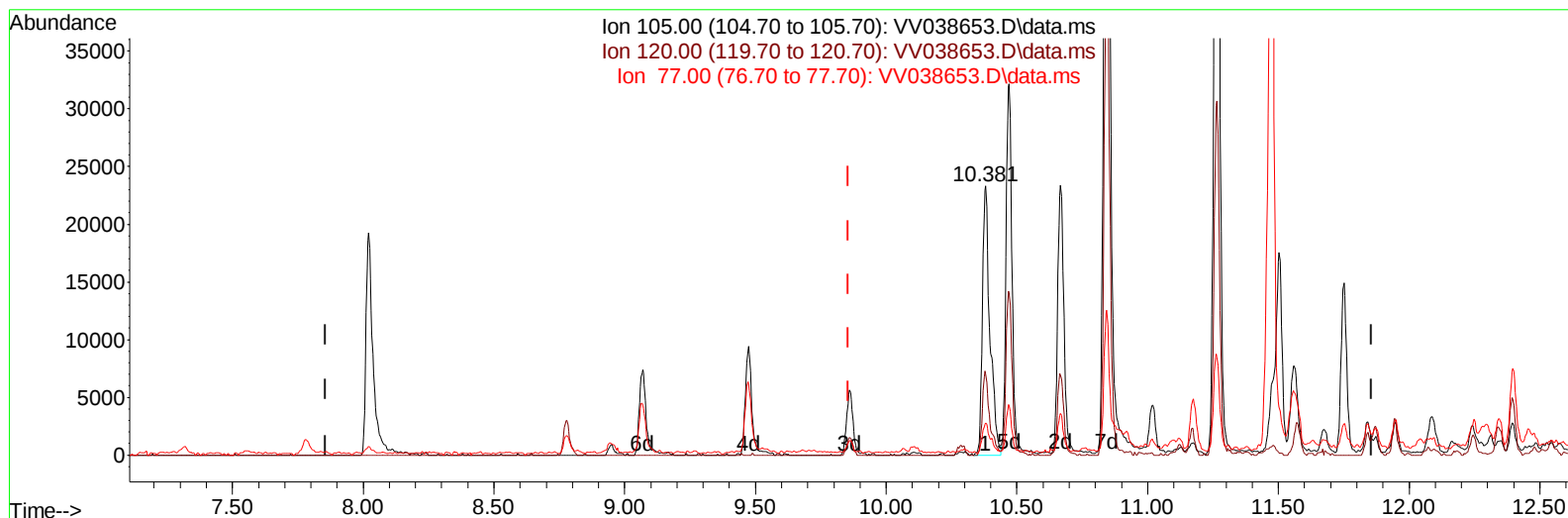
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Data File : VV038653.D  
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Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
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Manual IntegrationsAPPROVED

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TIC: VV038653.D\data.ms

**(60) Isopropylbenzene (T)**

**10.381min (+ 0.524) 0.55 ug/L**

**response 46496**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 105.00 | 100.00 | 100.00 |
| 120.00 | 26.20  | 30.19  |
| 77.00  | 15.30  | 12.79  |
| 0.00   | 0.00   | 0.00   |

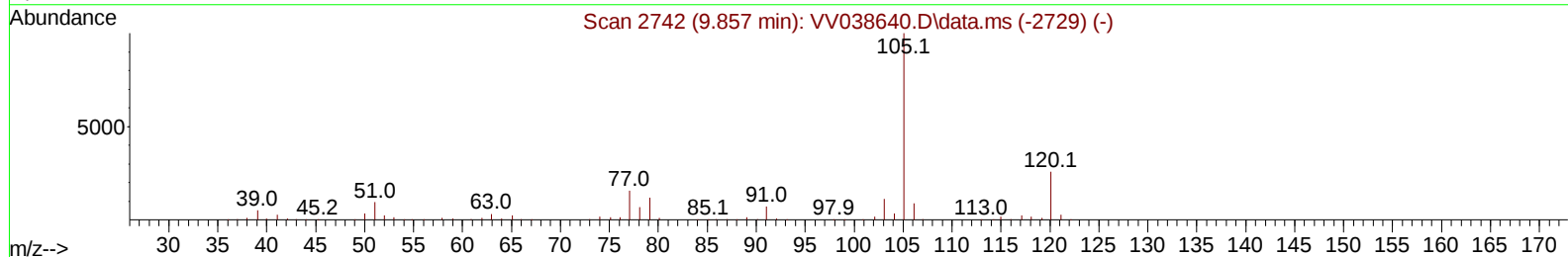
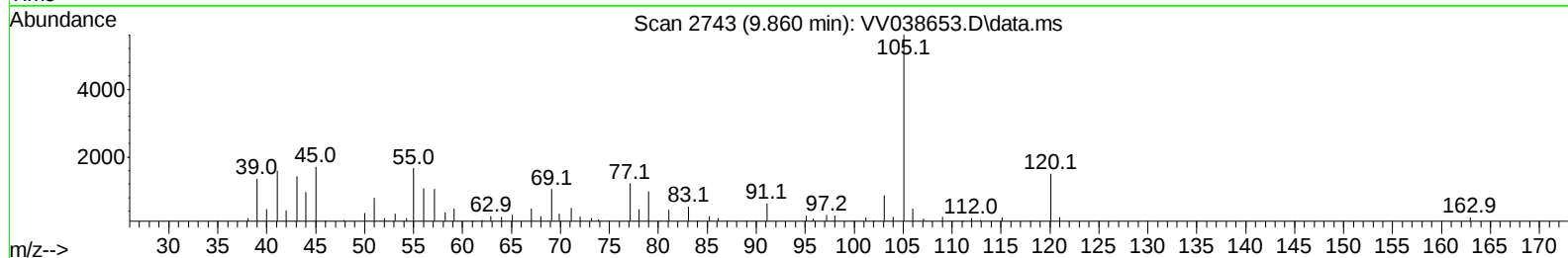
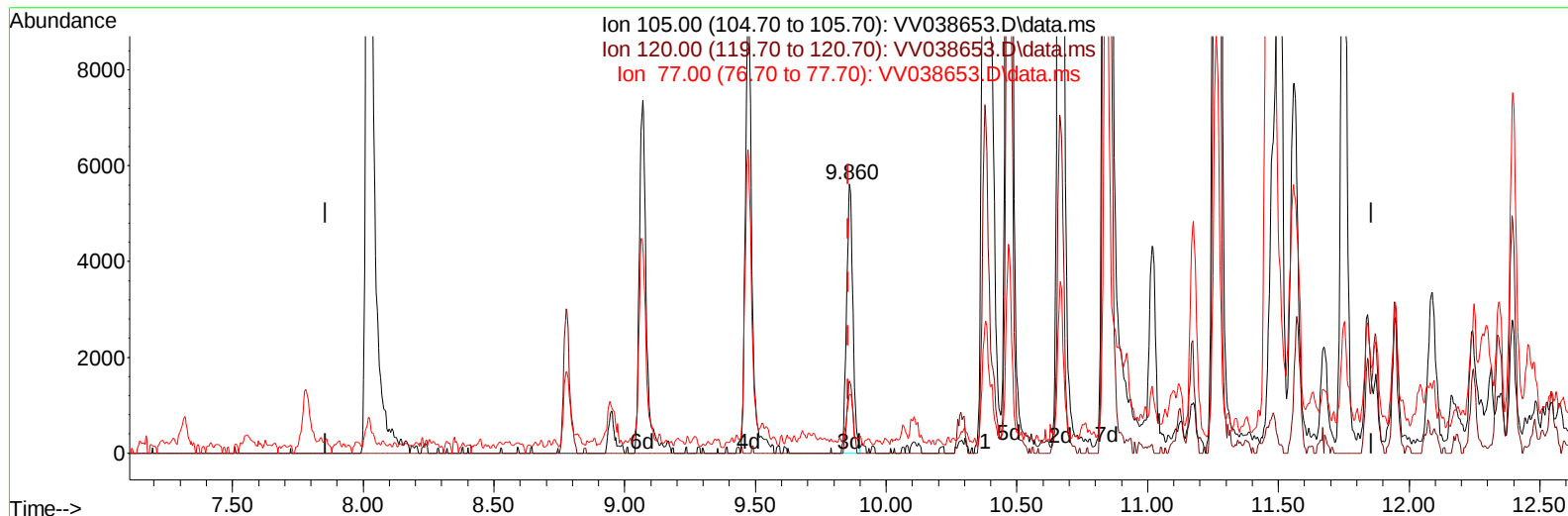
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Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
E29B3

## Manual IntegrationsAPPROVED

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TIC: VV038653.D\data.ms

**(60) Isopropylbenzene (T)**

9.860min (+ 0.003) 0.11 ug/L m

response 9389

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 105.00 | 100.00 | 100.00  |
| 120.00 | 26.20  | 149.50# |
| 77.00  | 15.30  | 63.35#  |
| 0.00   | 0.00   | 0.00    |

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Instrument :  
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Manual IntegrationsAPPROVED

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 Quant Title : TRACE VOA SFAM1.0  
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| Compound                      | R.T.     | QIon  | Response | Conc  | Units   | Dev(Min) |
|-------------------------------|----------|-------|----------|-------|---------|----------|
| -----                         |          |       |          |       |         |          |
| Internal Standards            |          |       |          |       |         |          |
| 1) 1,4-Difluorobenzene        | 5.526    | 114   | 246747   | 5.00  | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 8.777    | 117   | 239083   | 5.00  | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.178   | 152   | 127265   | 5.00  | ug/L    | 0.00     |
| System Monitoring Compounds   |          |       |          |       |         |          |
| 4) Vinyl Chloride-d3          | 1.275    | 65    | 96676    | 3.79  | ug/L    | 0.00     |
| Spiked Amount 5.000           | Range 40 | - 130 | Recovery | =     | 75.80%  |          |
| 7) Chloroethane-d5            | 1.529    | 69    | 76588    | 3.99  | ug/L    | 0.00     |
| Spiked Amount 5.000           | Range 65 | - 130 | Recovery | =     | 79.80%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.053    | 65    | 40589    | 3.80  | ug/L    | 0.00     |
| Spiked Amount 5.000           | Range 60 | - 125 | Recovery | =     | 76.00%  |          |
| 20) 2-Butanone-d5             | 3.825    | 46    | 194452   | 43.89 | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 40 | - 130 | Recovery | =     | 87.78%  |          |
| 24) Chloroform-d              | 4.236    | 84    | 163502   | 4.04  | ug/L    | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 125 | Recovery | =     | 80.80%  |          |
| 26) 1,2-Dichloroethane-d4     | 4.937    | 65    | 80143    | 4.50  | ug/L    | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 130 | Recovery | =     | 90.00%  |          |
| 32) Benzene-d6                | 4.950    | 84    | 323121   | 4.62  | ug/L    | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 125 | Recovery | =     | 92.40%  |          |
| 36) 1,2-Dichloropropane-d6    | 5.982    | 67    | 105065   | 5.07  | ug/L    | 0.00     |
| Spiked Amount 5.000           | Range 60 | - 140 | Recovery | =     | 101.40% |          |
| 41) Toluene-d8                | 7.236    | 98    | 298958   | 4.78  | ug/L    | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 130 | Recovery | =     | 95.60%  |          |
| 43) trans-1,3-Dichloroprop... | 7.551    | 79    | 35167    | 4.62  | ug/L    | 0.00     |
| Spiked Amount 5.000           | Range 55 | - 130 | Recovery | =     | 92.40%  |          |
| 46) 2-Hexanone-d5             | 8.021    | 63    | 183253   | 62.18 | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 45 | - 130 | Recovery | =     | 124.36% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.146   | 84    | 83452    | 4.73  | ug/L    | 0.00     |
| Spiked Amount 5.000           | Range 65 | - 120 | Recovery | =     | 94.60%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.551   | 152   | 106220   | 4.82  | ug/L    | 0.00     |
| Spiked Amount 5.000           | Range 80 | - 120 | Recovery | =     | 96.40%  |          |
| Target Compounds              |          |       |          |       |         |          |
|                               |          |       |          |       |         | Qvalue   |
| 13) Acetone                   | 2.156    | 43    | 311542   | 95.74 | ug/L    | 97       |
| 14) Carbon disulfide          | 2.233    | 76    | 303360   | 4.39  | ug/L    | 99       |
| 15) Methyl Acetate            | 2.384    | 43    | 44109    | 5.27  | ug/L #  | 84       |
| 19) 1,1-Dichloroethane        | 3.105    | 63    | 37824    | 0.94  | ug/L    | 100      |
| 21) 2-Butanone                | 3.928    | 43    | 73440m   | 15.04 | ug/L    |          |
| 33) Benzene                   | 5.008    | 78    | 57893    | 0.77  | ug/L    | 100      |
| 40) 4-Methyl-2-pentanone      | 7.156    | 43    | 131005   | 13.04 | ug/L    | 93       |
| 42) Toluene                   | 7.310    | 91    | 104280   | 1.30  | ug/L    | 100      |
| 52) Ethylbenzene              | 8.944    | 91    | 19493    | 0.23  | ug/L    | 99       |
| 53) m,p-Xylene                | 9.066    | 106   | 27568    | 0.88  | ug/L    | 97       |
| 54) o-Xylene                  | 9.471    | 106   | 36427    | 1.19  | ug/L    | 98       |
| 60) Isopropylbenzene          | 9.860    | 105   | 9389m    | 0.11  | ug/L    |          |
| 62) 1,3,5-Trimethylbenzene    | 10.471   | 105   | 50863    | 0.77  | ug/L    | 98       |
| 63) 1,2,4-Trimethylbenzene    | 10.844   | 105   | 152250   | 2.32  | ug/L    | 99       |
| -----                         |          |       |          |       |         |          |

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

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