

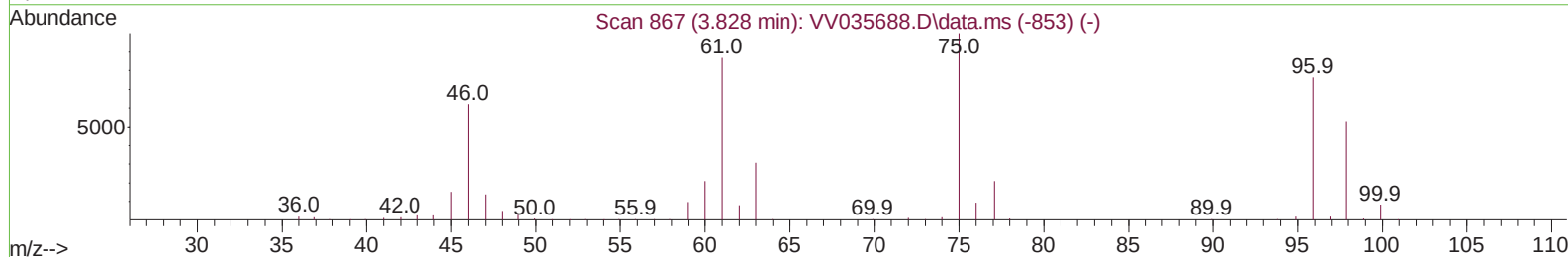
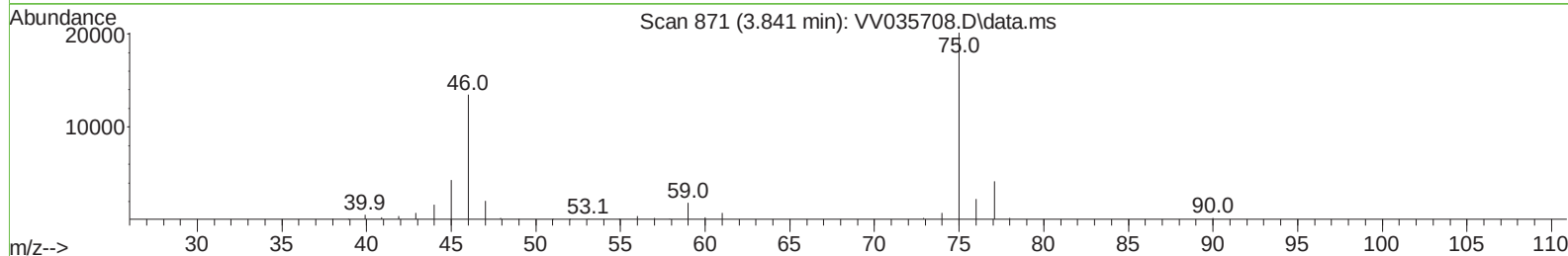
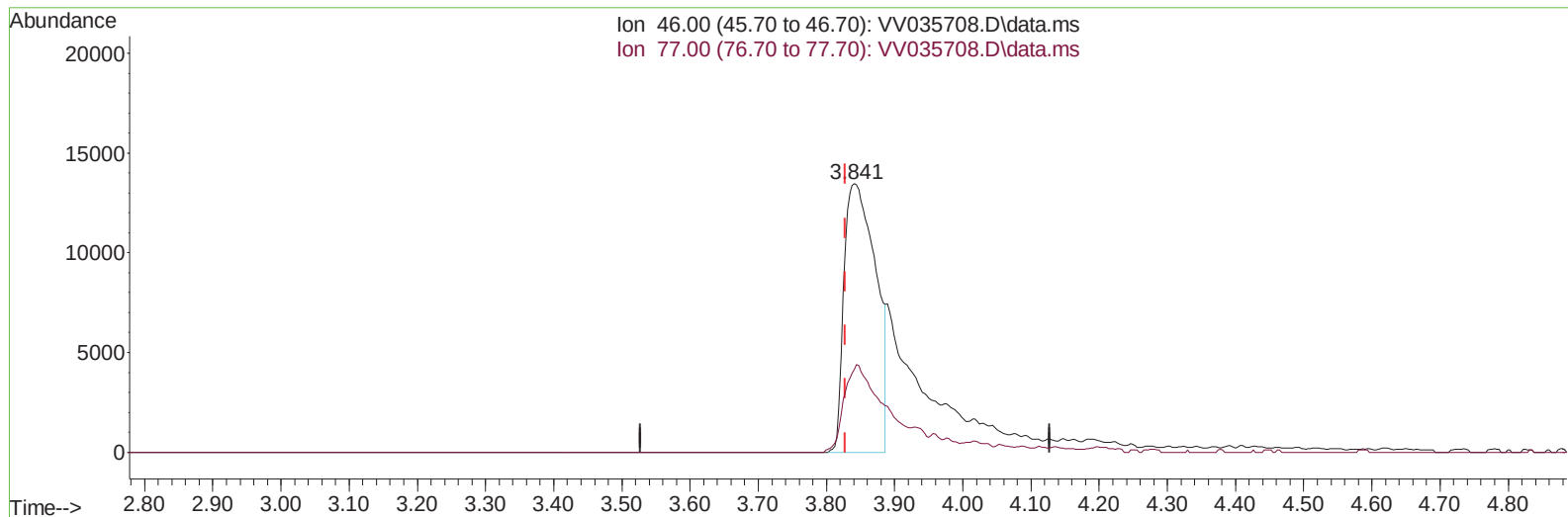
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV052324\  
Data File : VV035703.D  
Acq On : 23 May 2024 14:56  
Operator : SY/MD  
Sample : P2568-18  
Misc : 5.62g/10.0mL/MSVOA\_V/SOIL/A  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BH638

Manual IntegrationsAPPROVED

Quant Time: May 24 01:48:45 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM050624SMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri May 24 01:44:38 2024  
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 05/24/2024  
Supervised By :Semsettin Yesilyurt 05/24/2024



TIC: VV035708.D\data.ms

(21) 2-Butanone-d5 (S)

3.841min (+ 0.013) 26.54 ug/L

response 43390

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 13.10  | 40.50# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

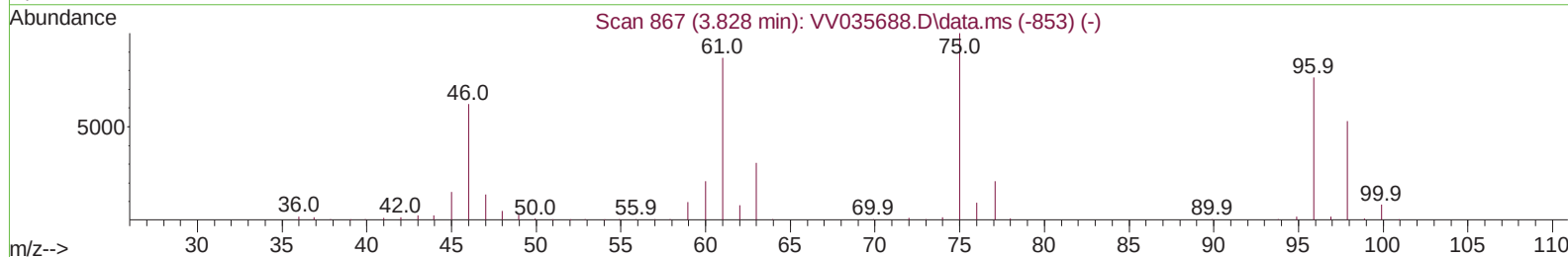
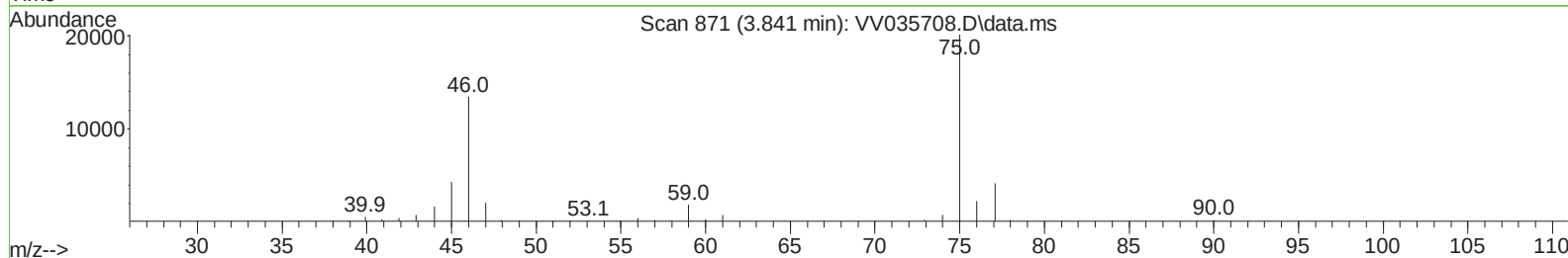
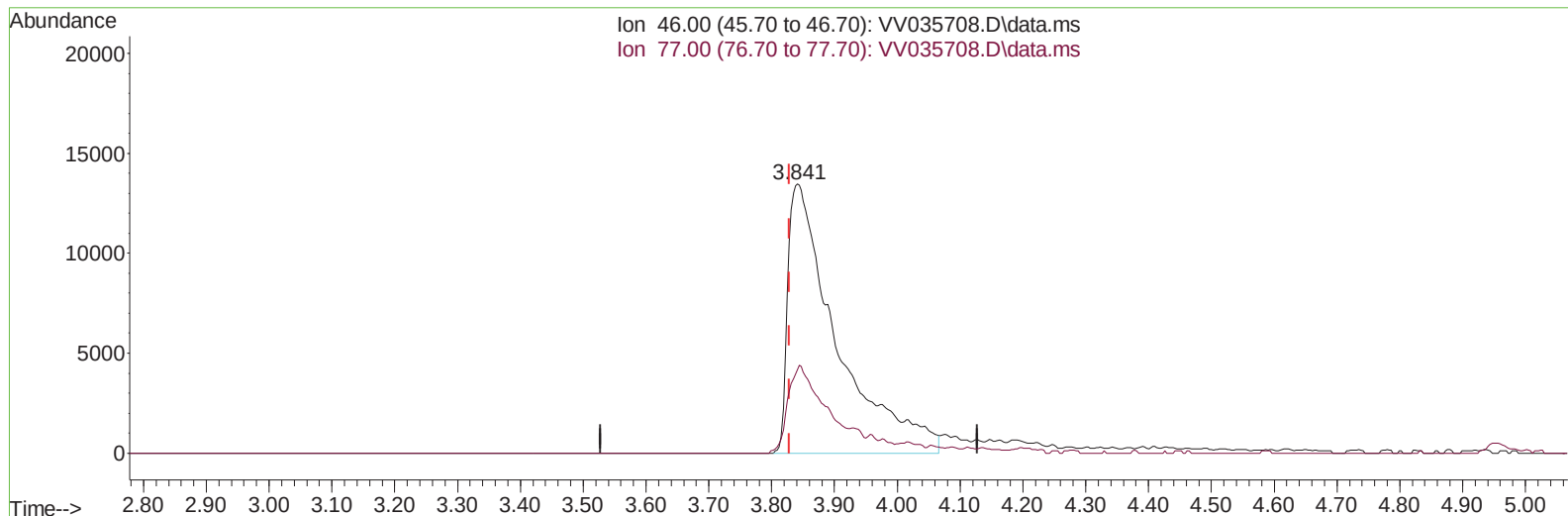
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TIC: VV035708.D\data.ms

(21) 2-Butanone-d5 (S)

3.841min (+ 0.013) 44.47 ug/L m

response 72709

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 13.10  | 24.17# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

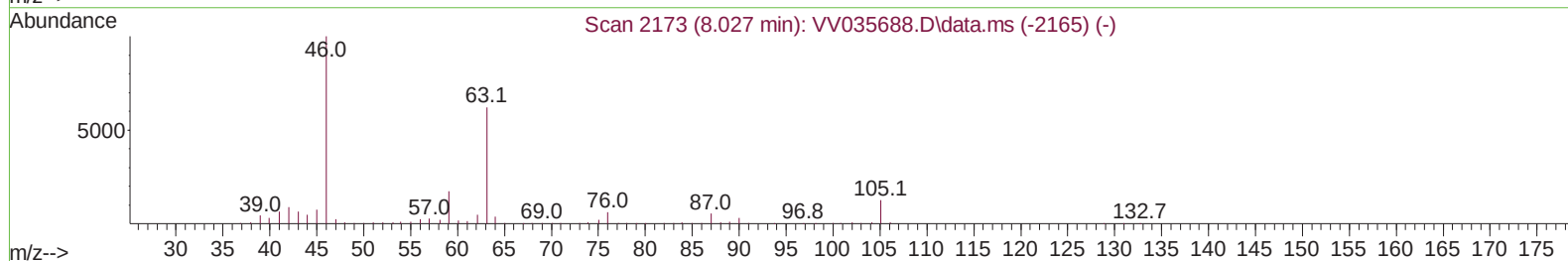
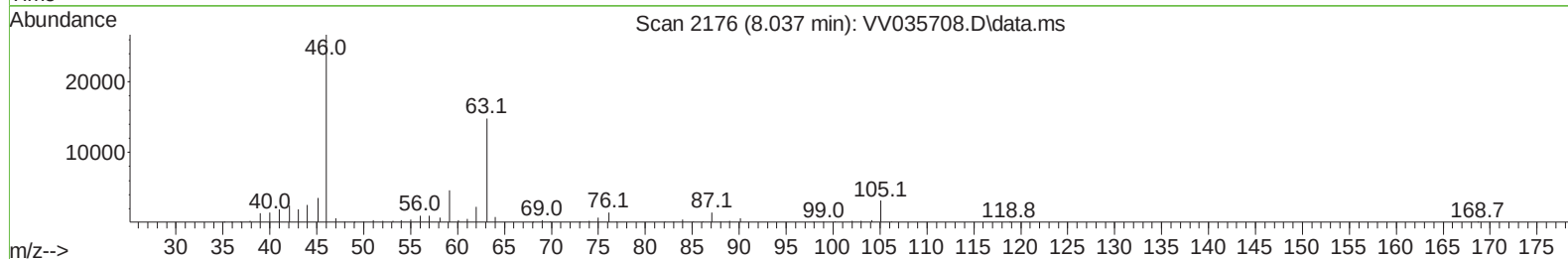
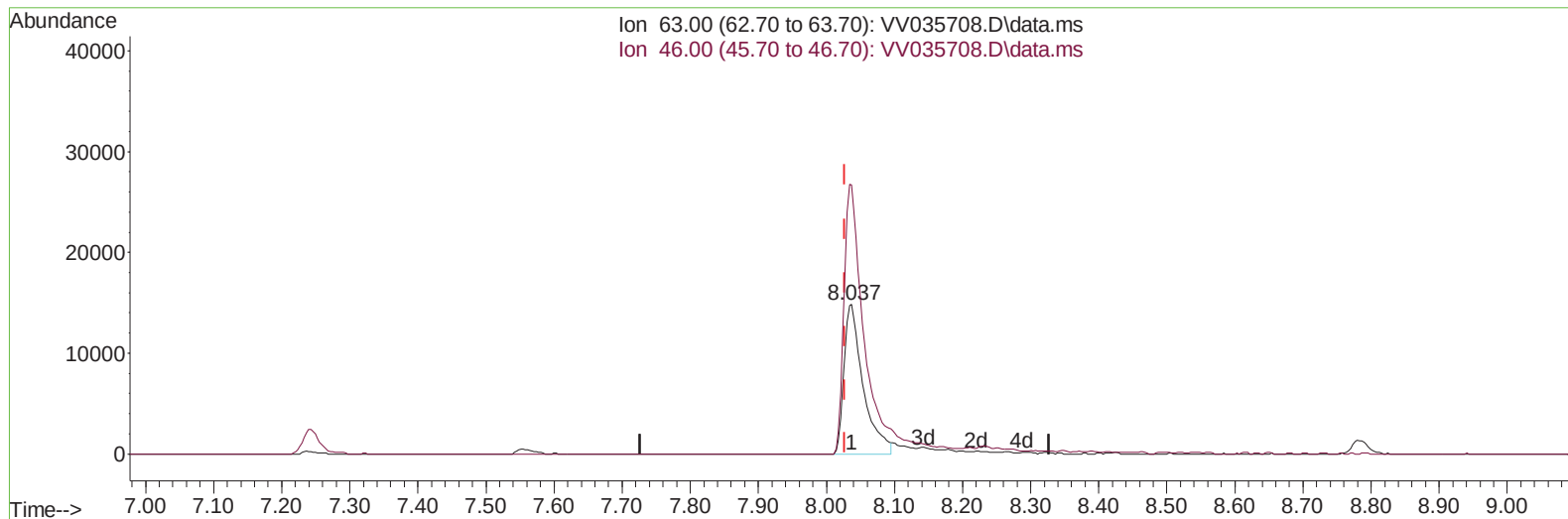
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Instrument :  
MSVOA\_V  
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Manual IntegrationsAPPROVED

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TIC: VV035708.D\data.ms

(47) 2-Hexanone-d5 (S)

8.037min (+ 0.010) 26.14 ug/L

response 29103

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.00 | 100.00 | 100.00 |
| 46.00 | 161.70 | 199.69 |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

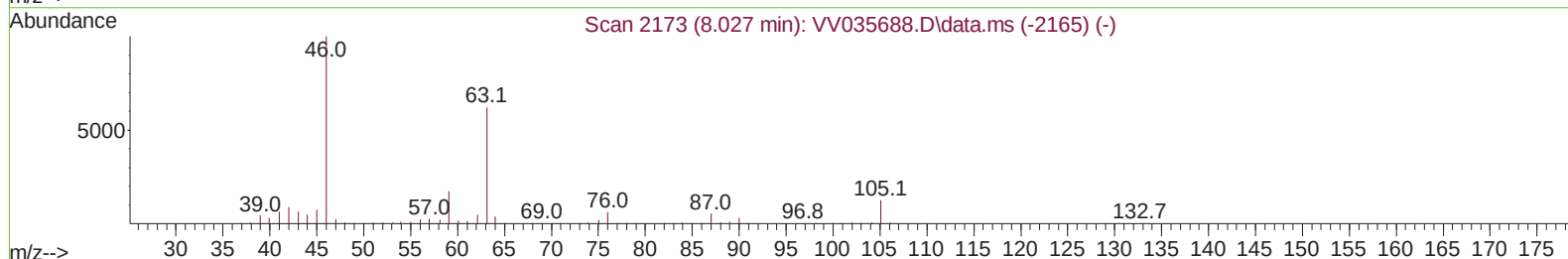
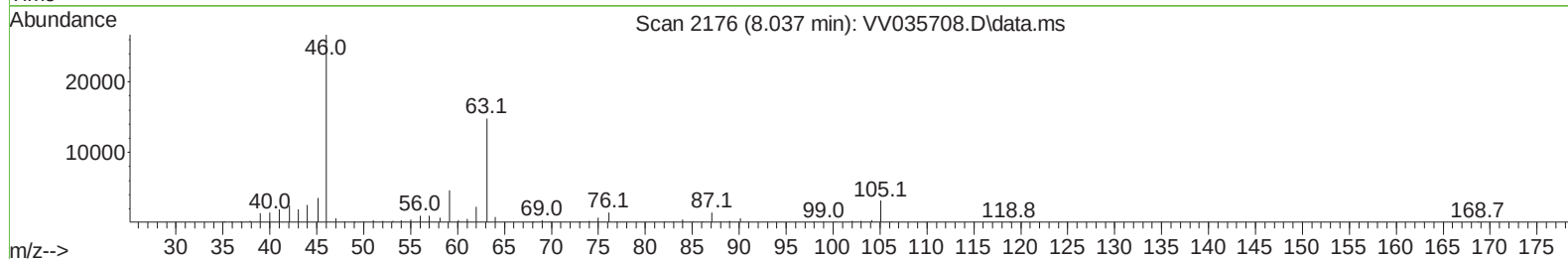
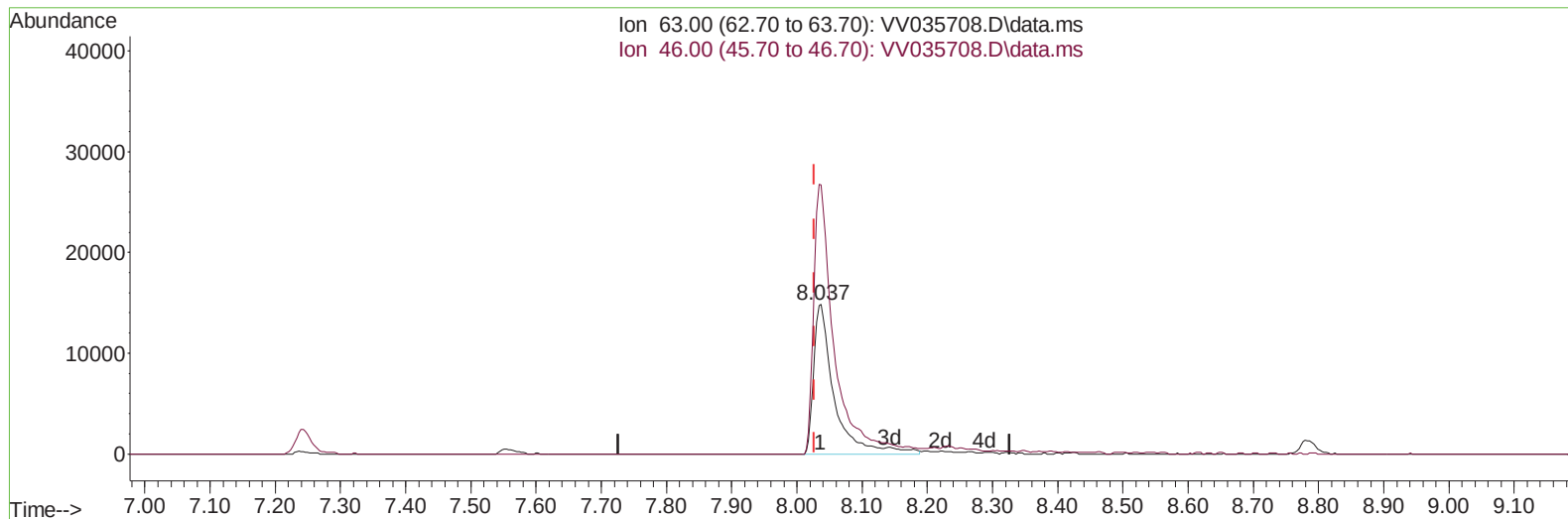
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Data File : VV035703.D  
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Instrument :  
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Manual IntegrationsAPPROVED

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TIC: VV035708.D\data.ms

(47) 2-Hexanone-d5 (S)

8.037min (+ 0.010) 29.13 ug/L m

response 32430

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.00 | 100.00 | 100.00 |
| 46.00 | 161.70 | 179.20 |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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 Sample : P2568-18  
 Misc : 5.62g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
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Manual IntegrationsAPPROVED

Quant Time: May 24 01:48:45 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM050624SMA.M  
 Quant Title : VOC Analysis  
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| Compound                      | R.T.     | QIon  | Response | Conc   | Units     | Dev(Min) |
|-------------------------------|----------|-------|----------|--------|-----------|----------|
| Internal Standards            |          |       |          |        |           |          |
| 1) 1,4-Difluorobenzene        | 5.532    | 114   | 372710   | 25.000 | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          | 8.783    | 117   | 366527   | 25.000 | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185   | 152   | 130225   | 25.000 | ug/L      | 0.00     |
| System Monitoring Compounds   |          |       |          |        |           |          |
| 4) Vinyl Chloride-d3          | 1.272    | 65    | 130076   | 22.580 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 90.320%   |          |
| 7) Chloroethane-d5            | 1.526    | 69    | 124473   | 26.784 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 107.120%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.050    | 65    | 60013    | 23.531 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =      | 94.120%   |          |
| 21) 2-Butanone-d5             | 3.841    | 46    | 72709m   | 44.475 | ug/L      | 0.01     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 88.940%   |          |
| 24) Chloroform-d              | 4.243    | 84    | 333915   | 30.135 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =      | 120.560%  |          |
| 26) 1,2-Dichloroethane-d4     | 4.937    | 65    | 190122   | 34.708 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =      | 138.840%# |          |
| 32) Benzene-d6                | 4.957    | 84    | 564894   | 28.155 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =      | 112.640%  |          |
| 36) 1,2-Dichloropropane-d6    | 5.986    | 67    | 212362   | 34.298 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =      | 137.200%# |          |
| 41) Toluene-d8                | 7.243    | 98    | 431141   | 24.145 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =      | 96.560%   |          |
| 43) trans-1,3-Dichloroprop... | 7.555    | 79    | 56875    | 21.478 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =      | 85.920%   |          |
| 47) 2-Hexanone-d5             | 8.037    | 63    | 32430m   | 29.128 | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 58.260%   |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153   | 84    | 191127   | 32.034 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =      | 128.120%# |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.558   | 152   | 150802   | 33.368 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =      | 133.480%# |          |
| Target Compounds              |          |       |          |        |           |          |
| 13) Acetone                   | 2.156    | 43    | 10446    | 4.365  | ug/L      | 87       |
| 16) Methylene chloride        | 2.442    | 84    | 65771    | 7.653  | ug/L      | 96       |

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

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