

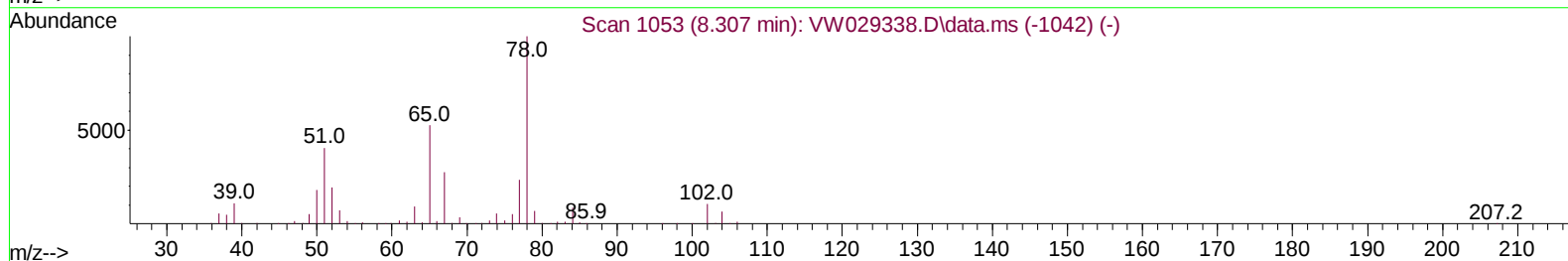
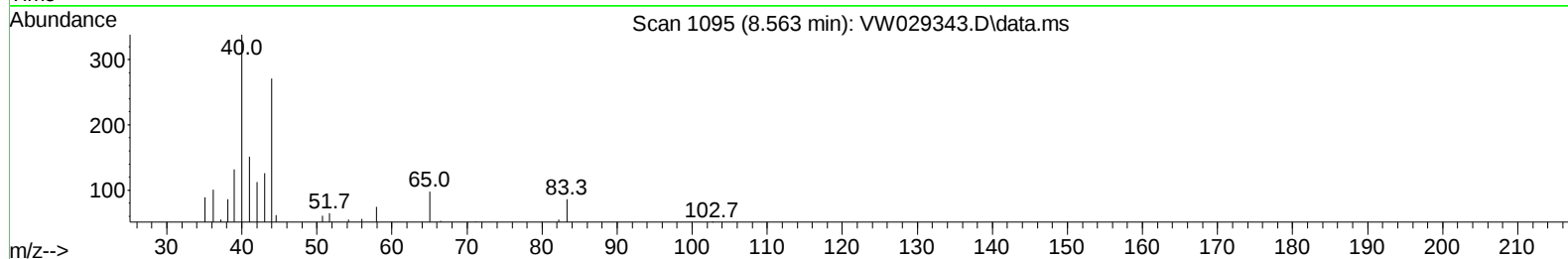
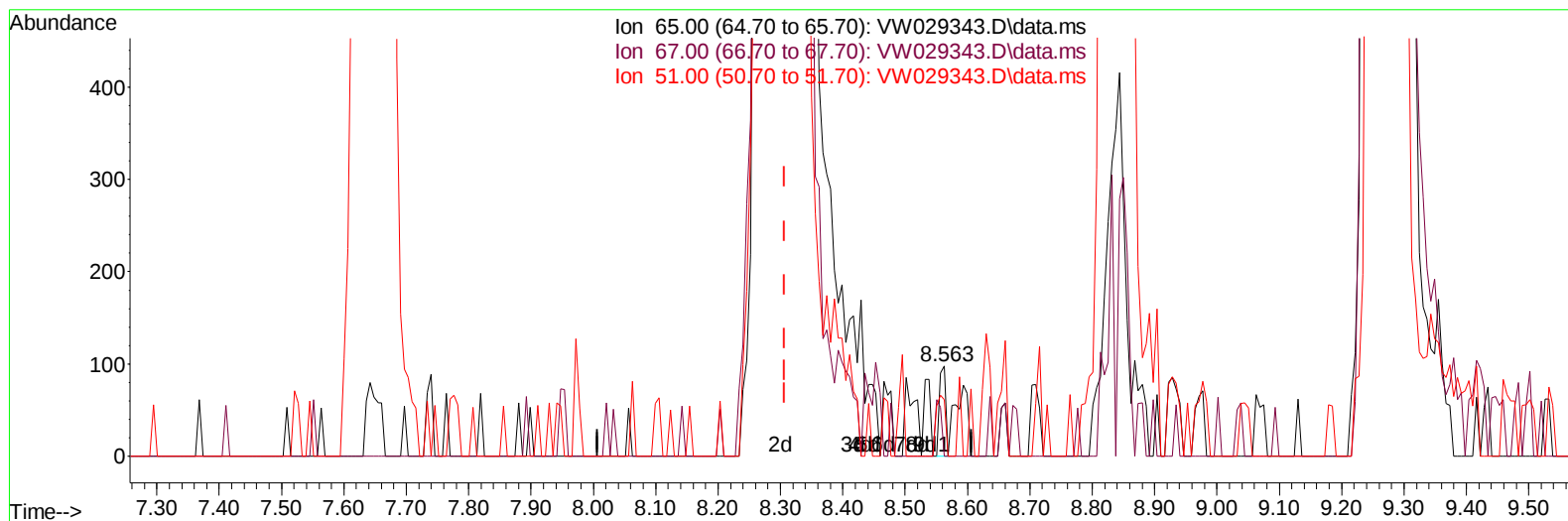
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW062524\  
Data File : VW029343.D  
Acq On : 25 Jun 2024 11:59  
Operator : SY/MD  
Sample : P3026-01  
Misc : 5.37g/10mL/MSVOA\_W/SOIL/B  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
C0TB0

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 06/26/2024  
Supervised By :Mahesh Dadoda 06/26/2024

Quant Time: Jun 26 02:26:39 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM061824SMA.M  
Quant Title : SFAM01.0  
QLast Update : Wed Jun 26 02:25:08 2024  
Response via : Initial Calibration



TIC: VW029343.D\data.ms

## (26) 1,2-Dichloroethane-d4 (S)

8.563min (+ 0.256) 0.01 ug/L

response 69

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 51.50  | 60.87  |
| 51.00 | 99.20  | 95.65  |
| 0.00  | 0.00   | 0.00   |

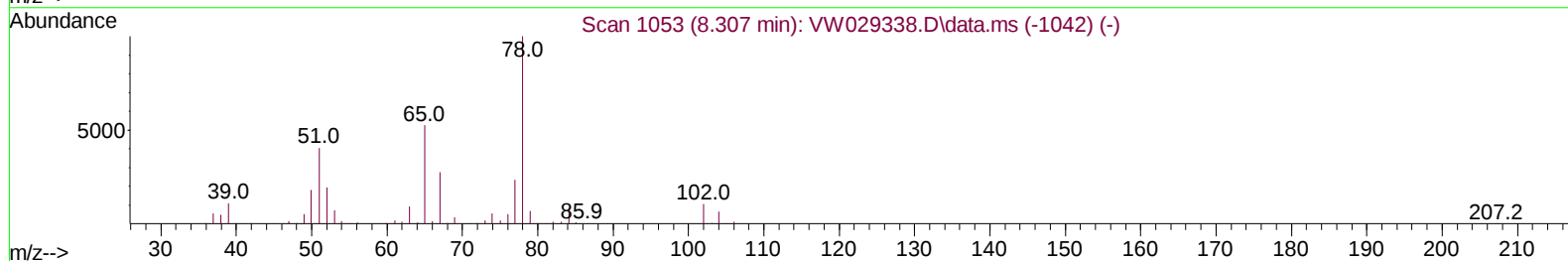
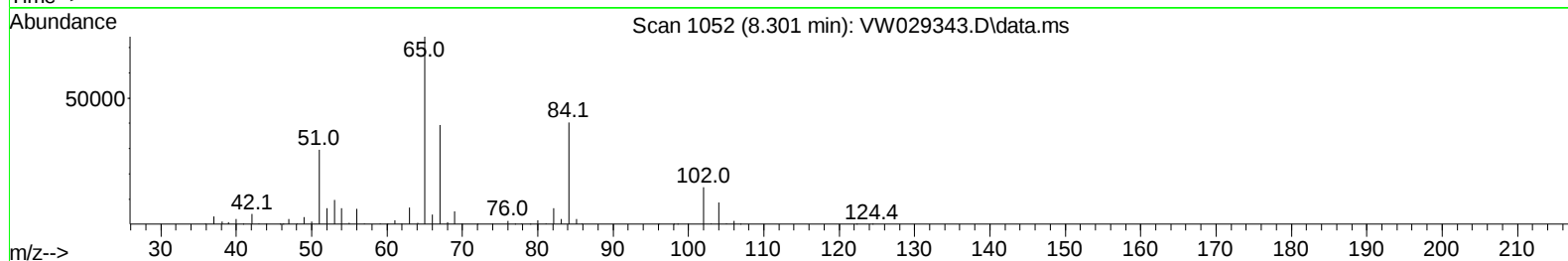
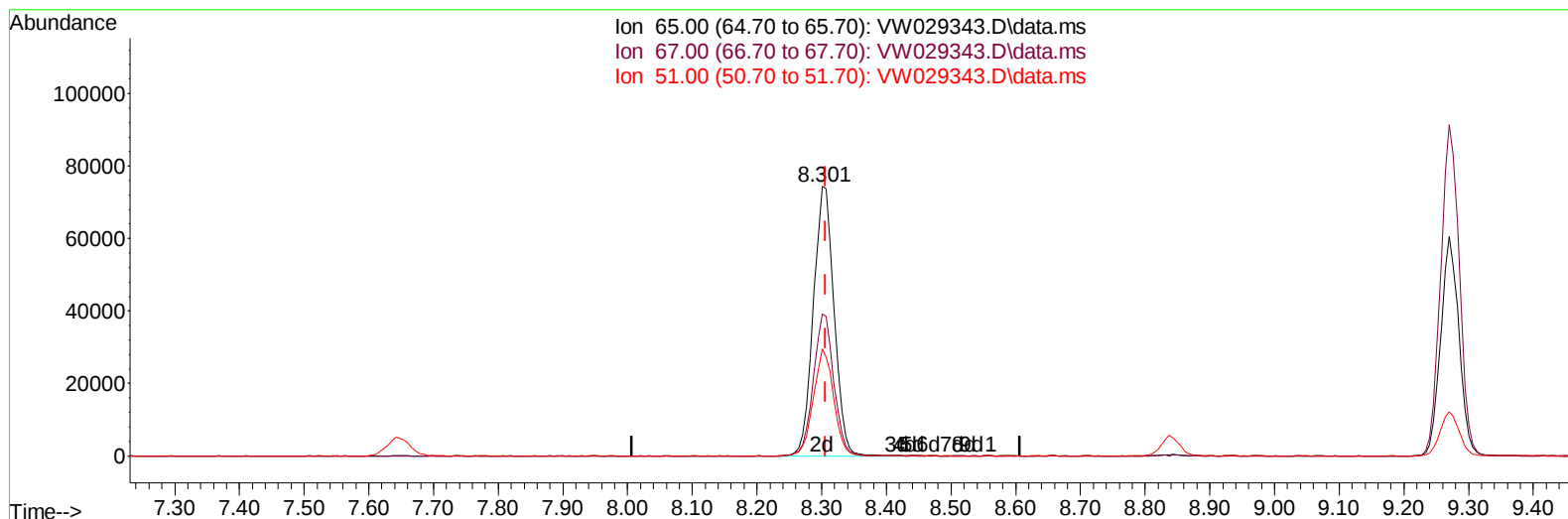
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TIC: VW029343.D\data.ms

(26) 1,2-Dichloroethane-d4 (S)

8.301min (-0.006) 21.24 ug/L m

response 166207

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 51.50  | 0.03#  |
| 51.00 | 99.20  | 0.04#  |
| 0.00  | 0.00   | 0.00   |

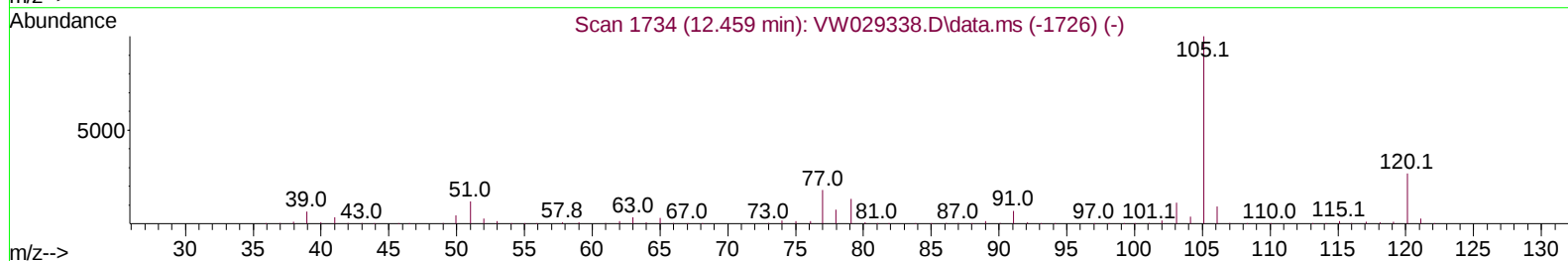
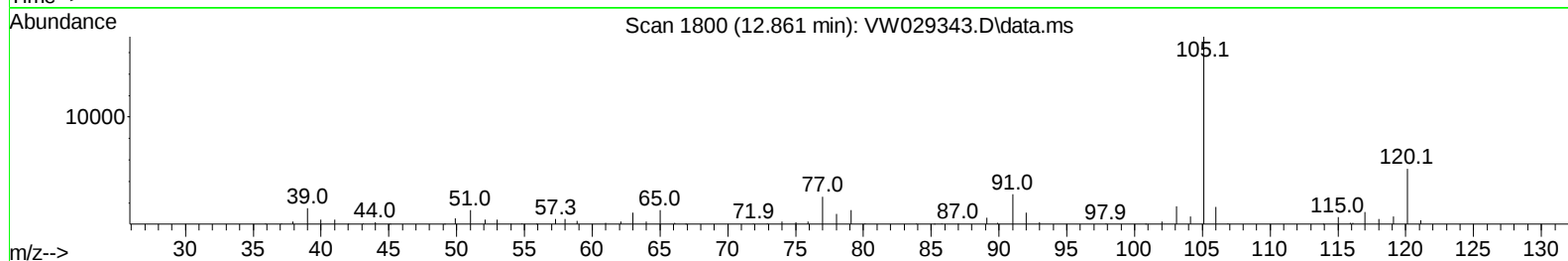
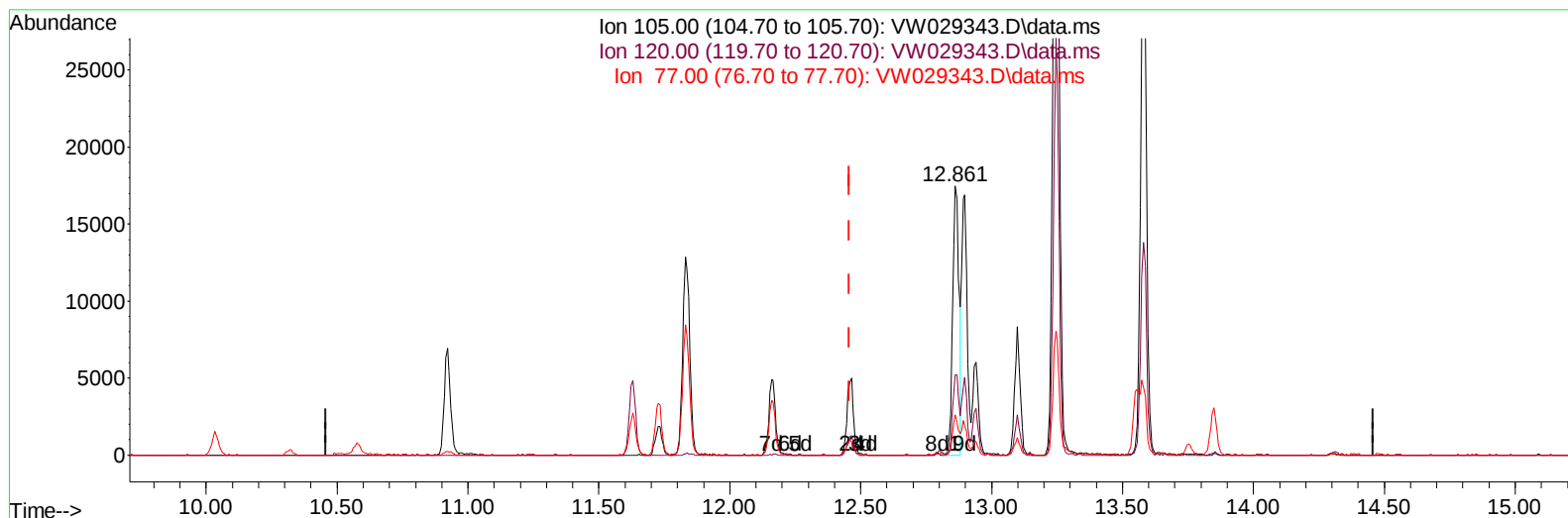
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Data File : VW029343.D  
Acq On : 25 Jun 2024 11:59  
Operator : SY/MD  
Sample : P3026-01  
Misc : 5.37g/10mL/MSVOA\_W/SOIL/B  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
C0TB0

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Quant Title : SFAM01.0  
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TIC: VW029343.D\data.ms

**(60) Isopropylbenzene**

12.861min (+ 0.402) 1.46 ug/L

response 29355

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 105.00 | 100.00 | 100.00 |
| 120.00 | 25.60  | 30.33  |
| 77.00  | 17.00  | 14.37  |
| 0.00   | 0.00   | 0.00   |

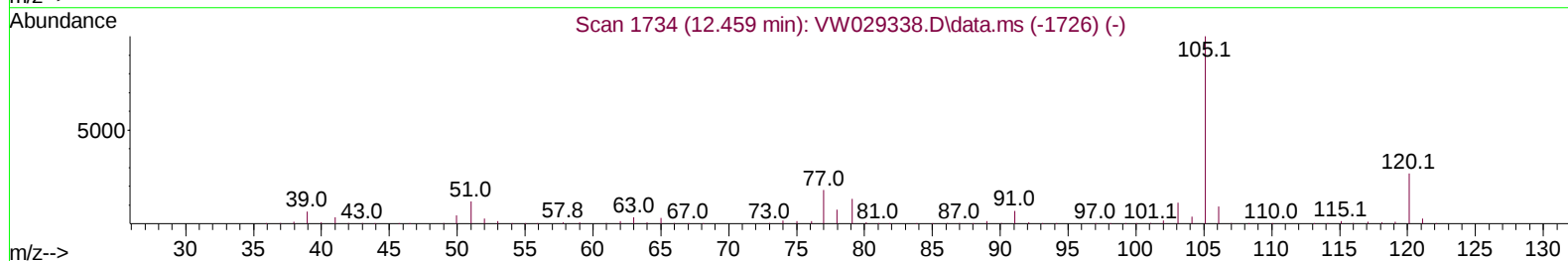
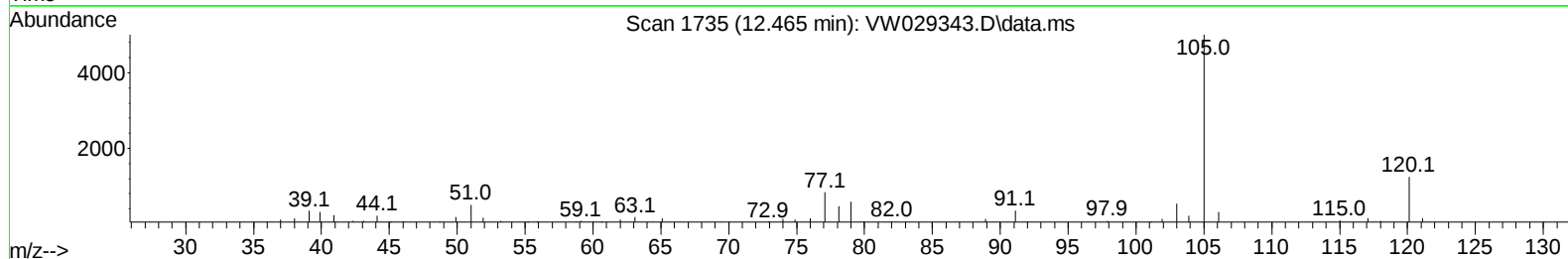
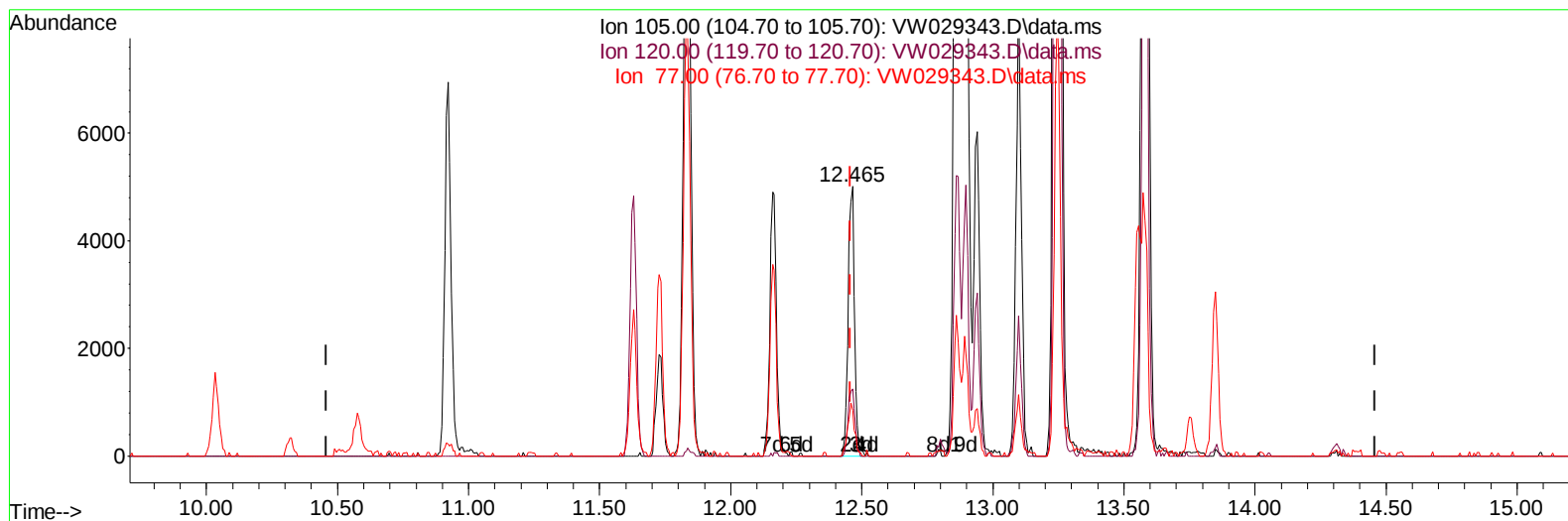
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## Manual IntegrationsAPPROVED

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TIC: VW029343.D\data.ms

## (60) Isopropylbenzene

12.465min (+ 0.006) 0.41 ug/L m

response 8188

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 105.00 | 100.00 | 100.00  |
| 120.00 | 25.60  | 108.73# |
| 77.00  | 17.00  | 51.53#  |
| 0.00   | 0.00   | 0.00    |

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 Operator : SY/MD  
 Sample : P3026-01  
 Misc : 5.37g/10mL/MSVOA\_W/SOIL/B  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0TB0

Manual IntegrationsAPPROVED

Quant Time: Jun 26 02:26:39 2024  
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 Quant Title : SFAM01.0  
 QLast Update : Wed Jun 26 02:25:08 2024  
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| Compound                      | R.T.     | QIon  | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|----------|-------|----------|--------|----------|----------|
| -----                         |          |       |          |        |          |          |
| Internal Standards            |          |       |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 8.843    | 114   | 456826   | 25.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 11.629   | 117   | 390919   | 25.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556   | 152   | 151080   | 25.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |          |       |          |        |          |          |
| 4) Vinyl Chloride-d3          | 2.363    | 65    | 119608   | 18.916 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 75.680%  |          |
| 7) Chloroethane-d5            | 2.899    | 69    | 105514   | 19.761 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 79.040%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.015    | 65    | 58396    | 19.128 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =      | 76.520%  |          |
| 21) 2-Butanone-d5             | 7.069    | 46    | 87247    | 46.120 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 92.240%  |          |
| 24) Chloroform-d              | 7.642    | 84    | 296189   | 21.735 | ug/L     | -0.01    |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =      | 86.920%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.301    | 65    | 166207m  | 21.243 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =      | 84.960%  |          |
| 32) Benzene-d6                | 8.270    | 84    | 552056   | 23.250 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =      | 93.000%  |          |
| 36) 1,2-Dichloropropane-d6    | 9.270    | 67    | 182878   | 24.229 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =      | 96.920%  |          |
| 41) Toluene-d8                | 10.319   | 98    | 473164   | 22.524 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =      | 90.080%  |          |
| 43) trans-1,3-Dichloroprop... | 10.575   | 79    | 63955    | 21.027 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =      | 84.120%  |          |
| 47) 2-Hexanone-d5             | 10.922   | 63    | 59464    | 50.256 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 100.520% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690   | 84    | 130135   | 21.663 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =      | 86.640%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.849   | 152   | 113791   | 21.699 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =      | 86.800%  |          |
| Target Compounds              |          |       |          |        |          |          |
|                               |          |       |          |        |          | Qvalue   |
| 13) Acetone                   | 4.119    | 43    | 10413    | 6.477  | ug/L     | 73       |
| 14) Carbon disulfide          | 4.381    | 76    | 38238    | 2.213  | ug/L     | 98       |
| 16) Methylene chloride        | 4.917    | 84    | 16966    | 2.112  | ug/L     | 96       |
| 46) Tetrachloroethene         | 10.861   | 164   | 194437   | 44.386 | ug/L     | 94       |
| 52) Ethylbenzene              | 11.727   | 91    | 60653    | 2.213  | ug/L     | 96       |
| 53) m,p-Xylene                | 11.831   | 106   | 52918    | 5.286  | ug/L     | 98       |
| 54) o-Xylene                  | 12.160   | 106   | 19070    | 2.038  | ug/L     | 89       |
| 60) Isopropylbenzene          | 12.465   | 105   | 8188m    | 0.407  | ug/L     |          |
| 62) 1,3,5-Trimethylbenzene    | 12.940   | 105   | 8892     | 0.610  | ug/L     | 90       |
| 63) 1,2,4-Trimethylbenzene    | 13.245   | 105   | 91782    | 5.851  | ug/L     | 99       |
| -----                         |          |       |          |        |          |          |

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

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