

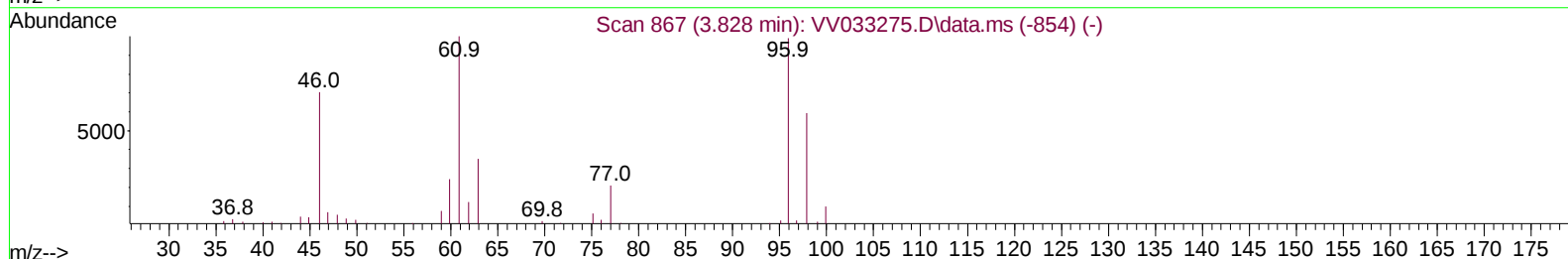
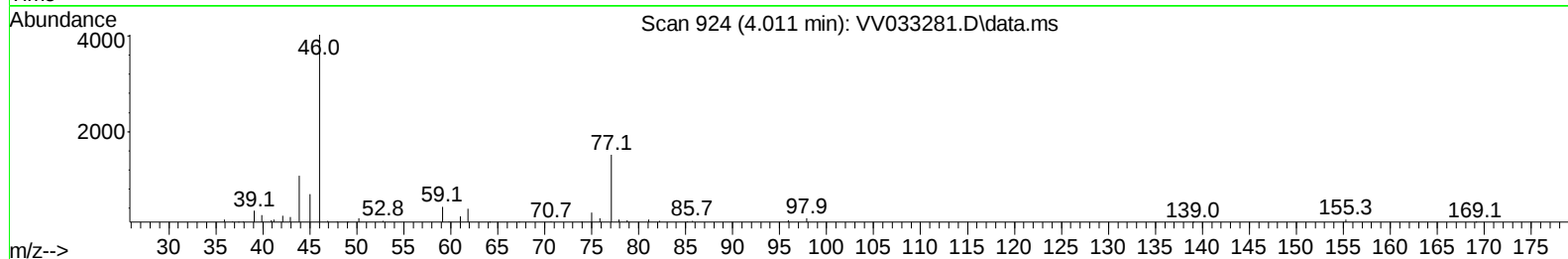
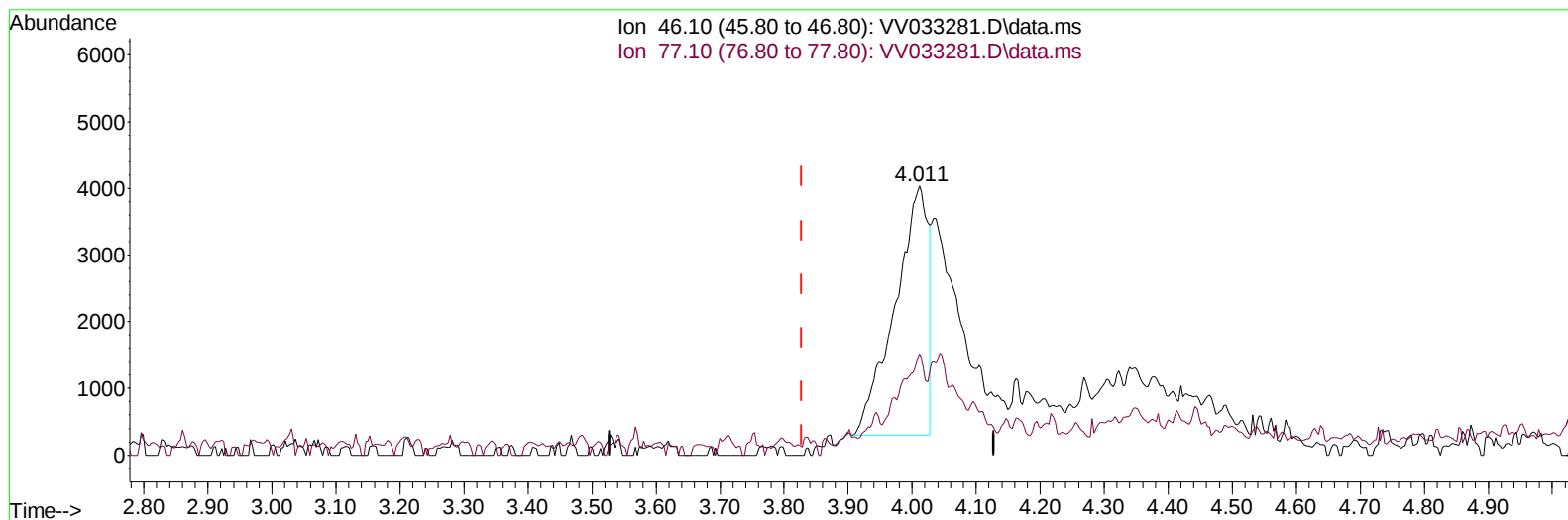
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV121323\  
 Data File : VV033281.D  
 Acq On : 13 Dec 2023 17:10  
 Operator : SY/MD  
 Sample : 05731-07  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 E0Y53

Manual IntegrationsAPPROVED

Quant Time: Dec 13 23:33:45 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR121323WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Dec 13 23:30:39 2023  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 12/16/2023  
 Supervised By :Mahesh Dadoda 12/18/2023



TIC: VV033281.D\data.ms

**(20) 2-Butanone-d5 (S)**

**4.011min (+ 0.183) 11.10 ug/L**

**response 13335**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.10 | 100.00 | 100.00 |
| 77.10 | 9.80   | 19.93# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

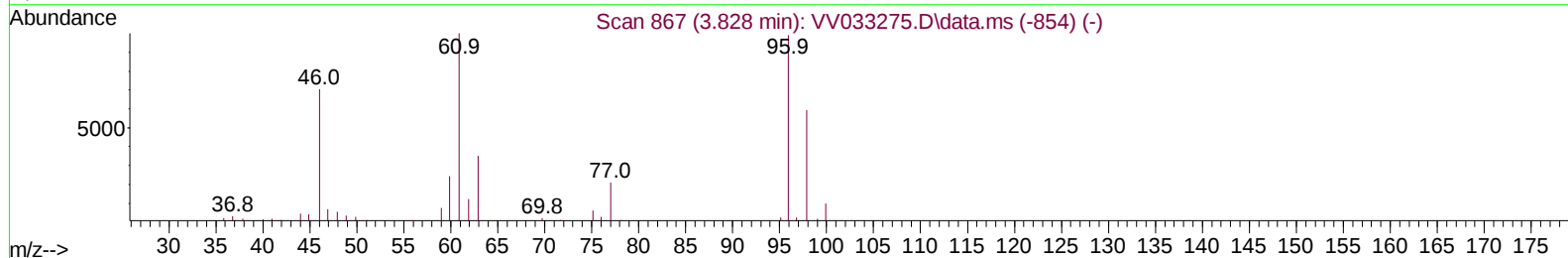
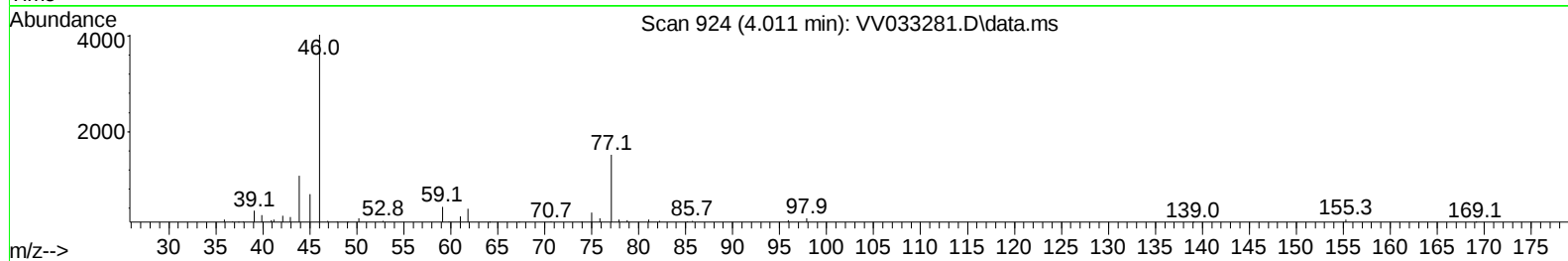
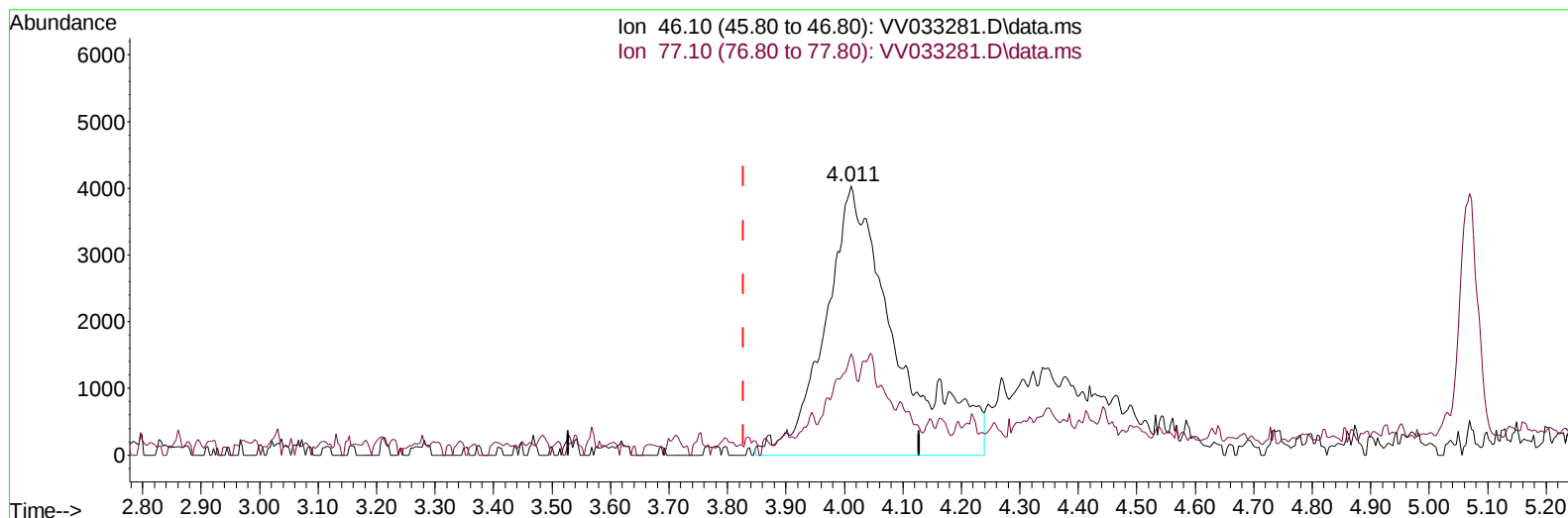
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV121323\  
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Manual IntegrationsAPPROVED

Quant Time: Dec 13 23:33:45 2023  
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TIC: VV033281.D\data.ms

**(20) 2-Butanone-d5 (S)**

**4.011min (+ 0.183) 28.36 ug/L m**

**response 34089**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.10 | 100.00 | 100.00 |
| 77.10 | 9.80   | 7.80   |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

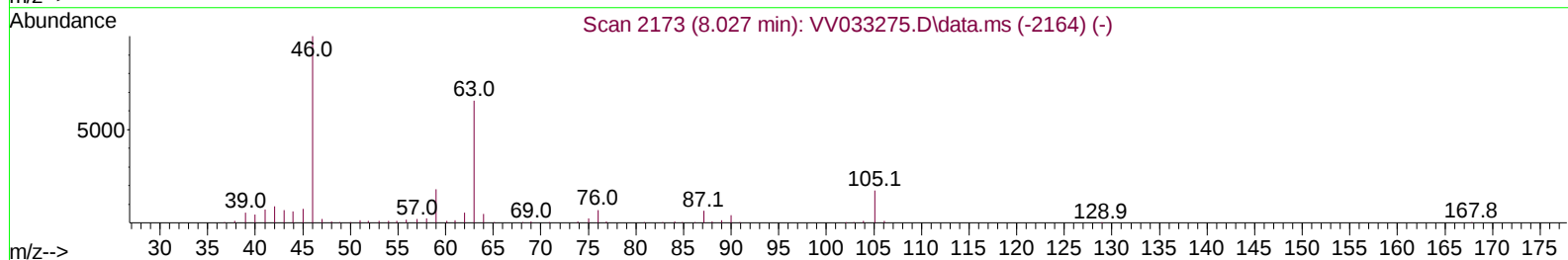
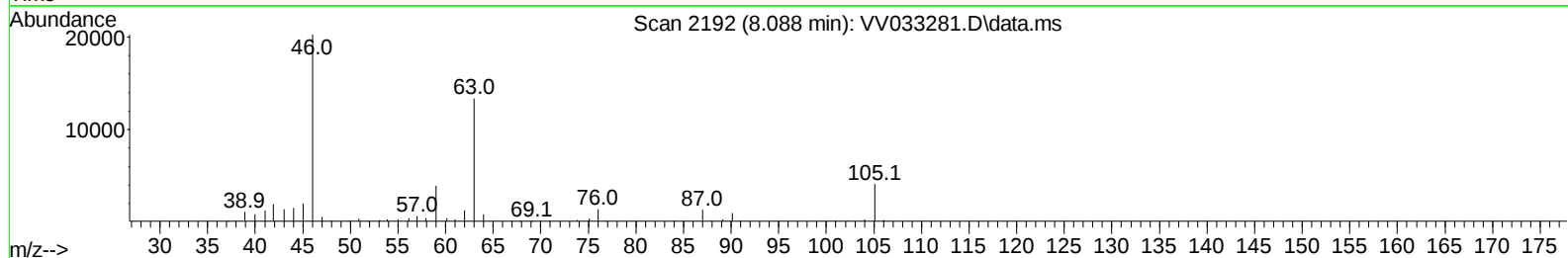
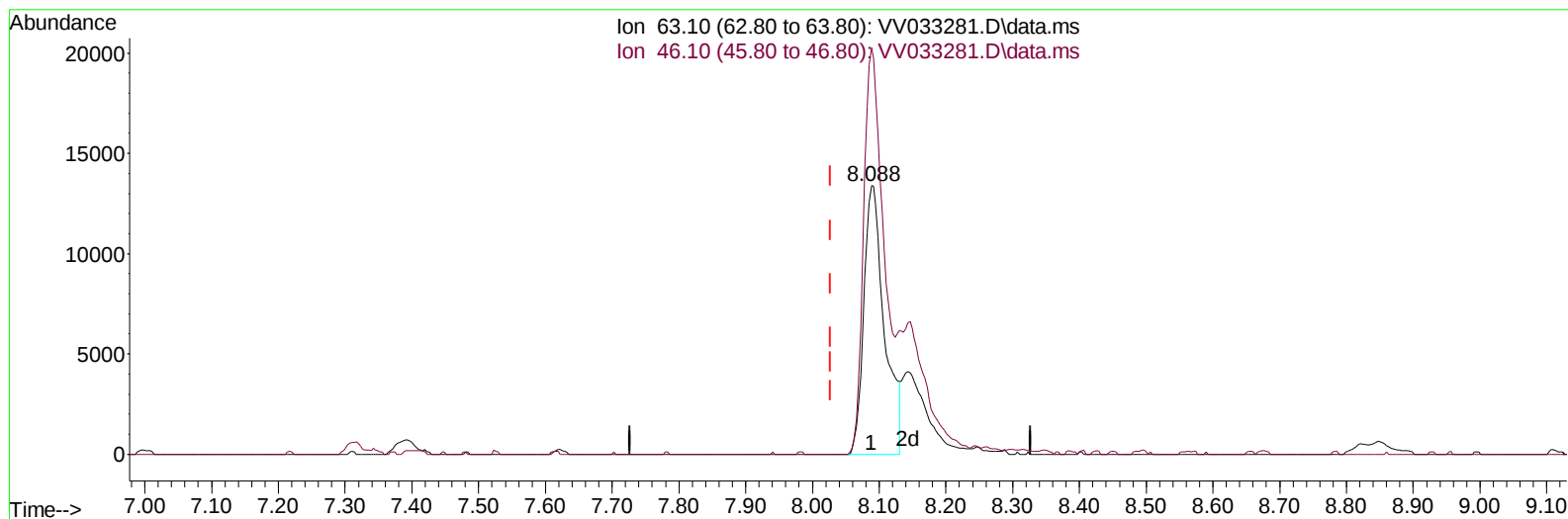
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Data File : VV033281.D  
Acq On : 13 Dec 2023 17:10  
Operator : SY/MD  
Sample : 05731-07  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
E0Y53

## Manual IntegrationsAPPROVED

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Quant Time: Dec 13 23:33:45 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR121323WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Dec 13 23:30:39 2023  
Response via : Initial Calibration



TIC: VV033281.D\data.ms

**(46) 2-Hexanone-d5 (S)****8.088min (+ 0.061) 31.74 ug/L****response 28589**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.10 | 100.00 | 100.00 |
| 46.10 | 150.40 | 147.21 |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

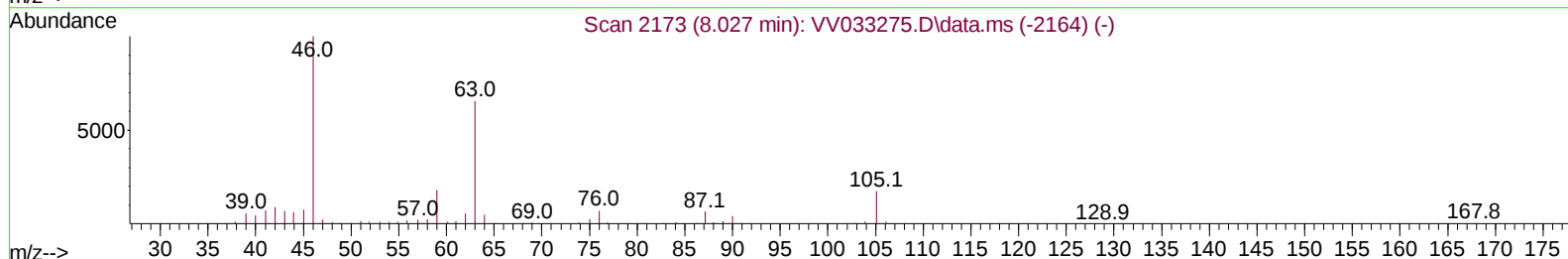
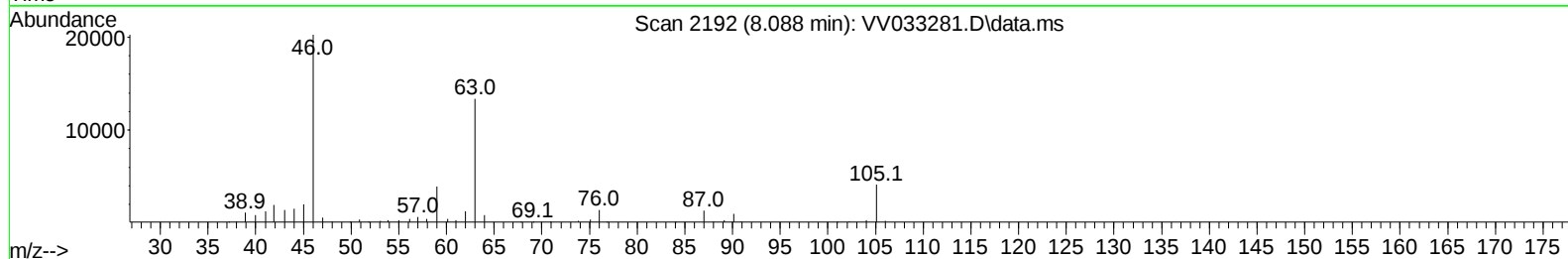
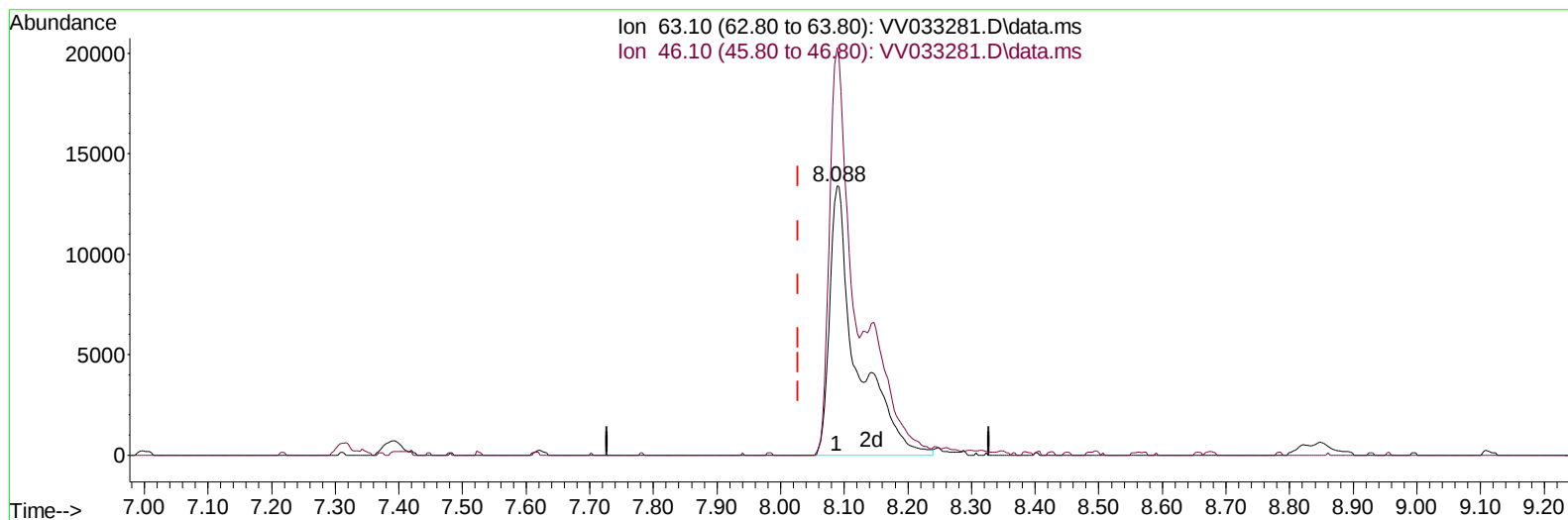
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV121323\  
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 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
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Manual IntegrationsAPPROVED

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TIC: VV033281.D\data.ms

**(46) 2-Hexanone-d5 (S)**

**8.088min (+ 0.061) 43.97 ug/L m**

**response 39599**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.10 | 100.00 | 100.00 |
| 46.10 | 150.40 | 106.28 |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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 Data File : VV033281.D  
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 Operator : SY/MD  
 Sample : 05731-07  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 E0Y53

Manual IntegrationsAPPROVED

Quant Time: Dec 13 23:33:45 2023  
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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        | 5.567    | 114   | 158428   | 5.000  | ug/L     | 0.04     |
| 28) Chlorobenzene-d5          | 8.818    | 117   | 120106   | 5.000  | ug/L     | 0.03     |
| 58) 1,4-Dichlorobenzene-d4    | 11.197   | 152   | 66659    | 5.000  | ug/L     | 0.01     |
| System Monitoring Compounds   |          |       |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.314    | 65    | 36273    | 3.571  | ug/L     | 0.04     |
| Spiked Amount 5.000           | Range 40 | - 130 | Recovery | =      | 71.400%  |          |
| 7) Chloroethane-d5            | 1.590    | 69    | 27836    | 3.685  | ug/L     | 0.06     |
| Spiked Amount 5.000           | Range 65 | - 130 | Recovery | =      | 73.800%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.134    | 65    | 15034    | 3.719  | ug/L     | 0.08     |
| Spiked Amount 5.000           | Range 60 | - 125 | Recovery | =      | 74.400%  |          |
| 20) 2-Butanone-d5             | 4.011    | 46    | 34089m   | 28.363 | ug/L     | 0.18     |
| Spiked Amount 50.000          | Range 40 | - 130 | Recovery | =      | 56.720%  |          |
| 24) Chloroform-d              | 4.359    | 84    | 73743    | 3.481  | ug/L     | 0.11     |
| Spiked Amount 5.000           | Range 70 | - 125 | Recovery | =      | 69.600%# |          |
| 26) 1,2-Dichloroethane-d4     | 5.018    | 65    | 42122    | 4.576  | ug/L     | 0.07     |
| Spiked Amount 5.000           | Range 70 | - 130 | Recovery | =      | 91.600%  |          |
| 32) Benzene-d6                | 5.021    | 84    | 164781   | 5.304  | ug/L     | 0.06     |
| Spiked Amount 5.000           | Range 70 | - 125 | Recovery | =      | 106.000% |          |
| 36) 1,2-Dichloropropane-d6    | 6.056    | 67    | 33081    | 4.678  | ug/L     | 0.07     |
| Spiked Amount 5.000           | Range 60 | - 140 | Recovery | =      | 93.600%  |          |
| 41) Toluene-d8                | 7.313    | 98    | 127246   | 4.203  | ug/L     | 0.07     |
| Spiked Amount 5.000           | Range 70 | - 130 | Recovery | =      | 84.000%  |          |
| 43) trans-1,3-Dichloroprop... | 7.616    | 79    | 12276    | 3.805  | ug/L     | 0.06     |
| Spiked Amount 5.000           | Range 55 | - 130 | Recovery | =      | 76.200%  |          |
| 46) 2-Hexanone-d5             | 8.088    | 63    | 39599m   | 43.966 | ug/L     | 0.06     |
| Spiked Amount 50.000          | Range 45 | - 130 | Recovery | =      | 87.940%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.172   | 84    | 20378    | 4.261  | ug/L     | 0.02     |
| Spiked Amount 5.000           | Range 65 | - 120 | Recovery | =      | 85.200%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.570   | 152   | 55535    | 4.730  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 80 | - 120 | Recovery | =      | 94.600%  |          |
| Target Compounds              |          |       |          |        |          |          |
|                               |          |       |          |        |          | Qvalue   |
| 5) Vinyl chloride             | 1.320    | 62    | 10295    | 0.900  | ug/L     | 94       |
| 18) trans-1,2-Dichloroethene  | 2.786    | 96    | 1516     | 0.138  | ug/L     | 80       |
| 22) cis-1,2-Dichloroethene    | 3.928    | 96    | 35670    | 3.144  | ug/L     | 93       |
| 33) Benzene                   | 5.066    | 78    | 32702    | 1.016  | ug/L     | 100      |
| 42) Toluene                   | 7.387    | 91    | 17350    | 0.471  | ug/L     | 94       |
| 51) Chlorobenzene             | 8.850    | 112   | 68796    | 2.725  | ug/L     | 99       |
| 65) 1,4-Dichlorobenzene       | 11.220   | 146   | 3774     | 0.169  | ug/L     | 95       |
| 67) 1,2-Dichlorobenzene       | 11.583   | 146   | 1373     | 0.071  | ug/L #   | 62       |
| -----                         |          |       |          |        |          |          |

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

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Sample : 05731-07  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 15 Sample Multiplier: 3

Instrument :  
MSVOA\_V  
ClientSampleId :  
E0Y53

## Manual IntegrationsAPPROVED

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Quant Time: Dec 13 23:33:45 2023  
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