

## Quantitation Report (Qedit)

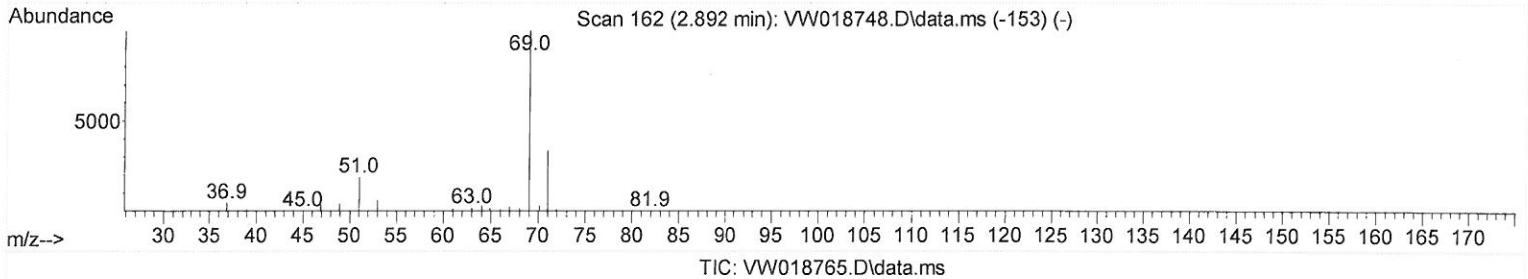
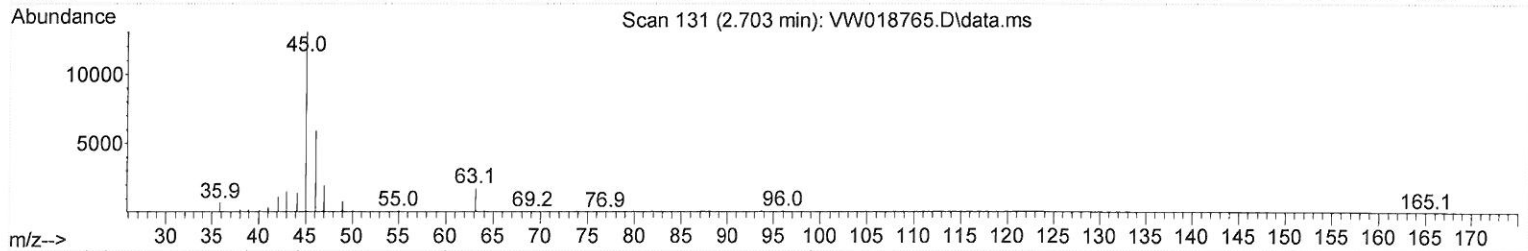
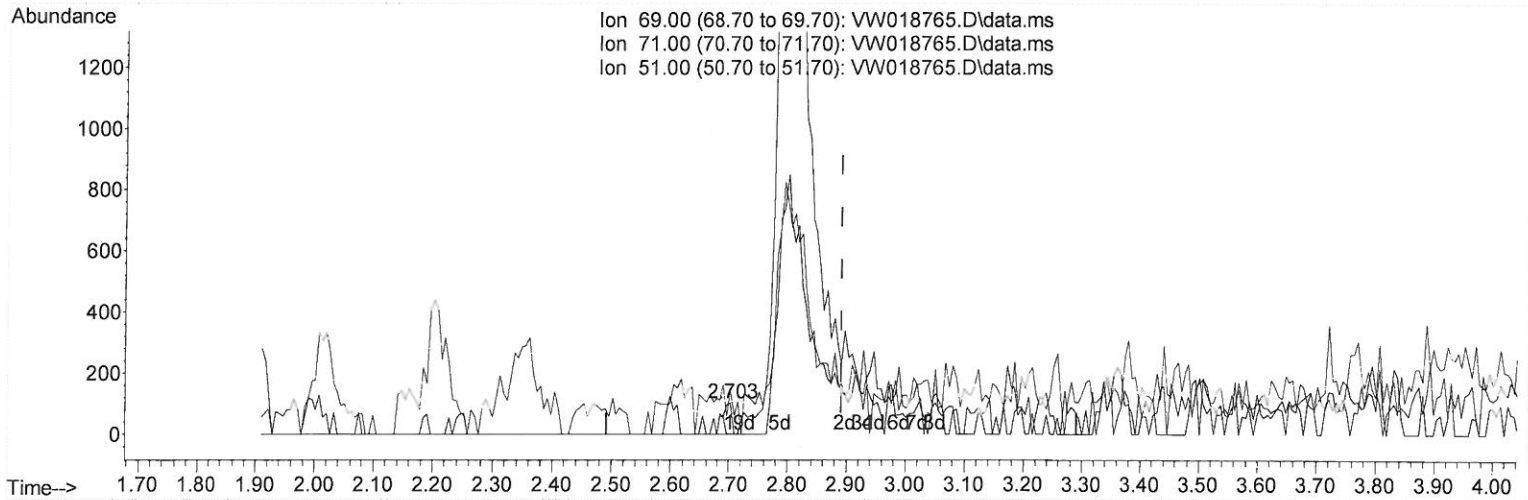
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042321\  
Data File : VW018765.D  
Acq On : 23 Apr 2021 18:09  
Operator : SY/VA  
Sample : M2165-14  
Misc : 5.25G/10ML/MSVOA\_W/SOIL  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
GB3F5

Manual Integrations  
APPROVED

SAM  
4/27/2021 5:46:03 PM

Quant Time: Apr 24 00:19:44 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM041421SMA.M  
Quant Title : SFAM01.0  
QLast Update : Sat Apr 24 00:16:05 2021  
Response via : Initial Calibration



(7) Chloroethane-d5 (S)

2.703min (-0.189) 0.01 ug/L

response 116

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 69.00 | 100.00 | 100.00 |
| 71.00 | 32.10  | 37.93  |
| 51.00 | 28.40  | 32.76  |
| 0.00  | 0.00   | 0.00   |

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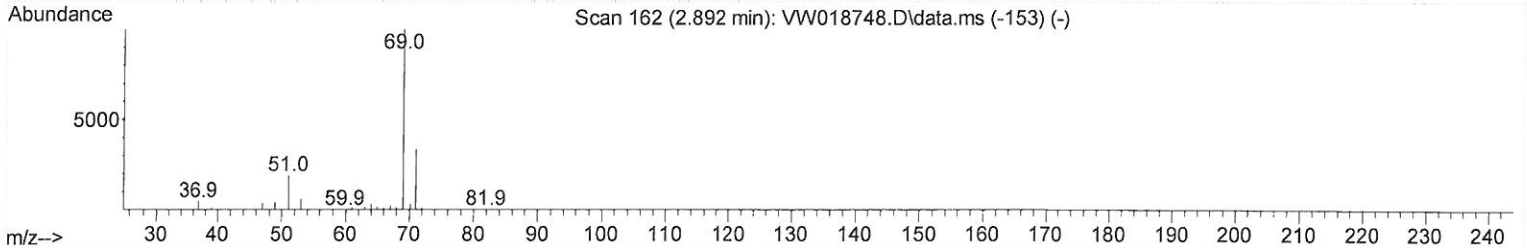
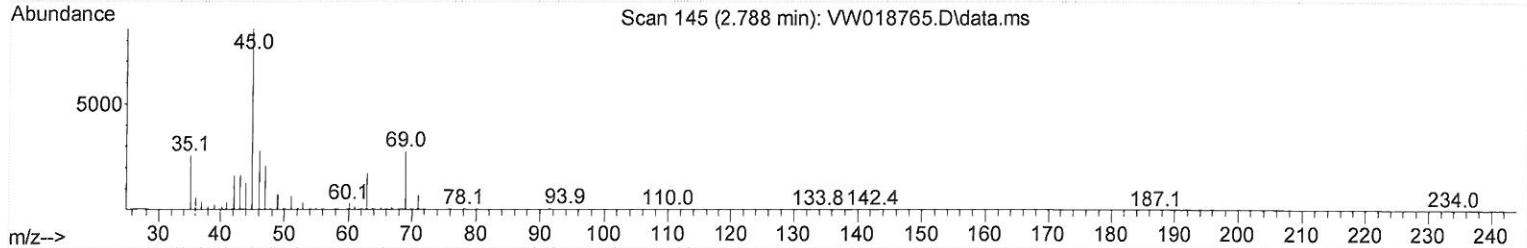
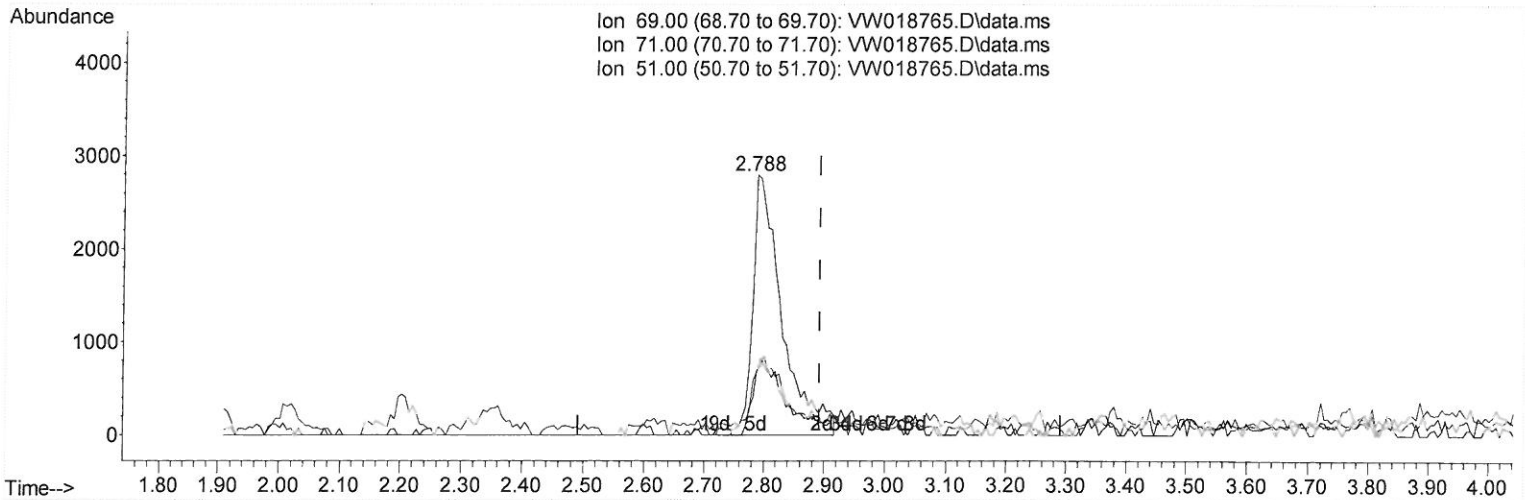
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TIC: VW018765.D\data.ms

(7) Chloroethane-d5 (S)

2.788min (-0.104) 1.19 ug/L m

*204/28/21 SY*

response 9393

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 69.00 | 100.00 | 100.00 |
| 71.00 | 32.10  | 0.47#  |
| 51.00 | 28.40  | 0.40#  |
| 0.00  | 0.00   | 0.00   |

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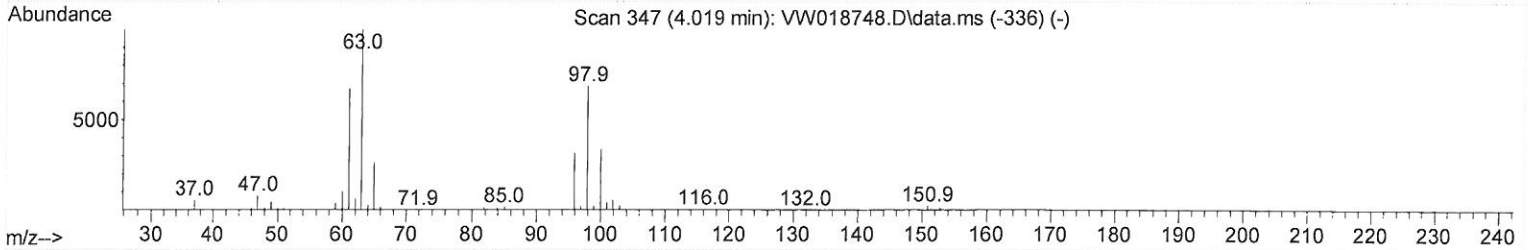
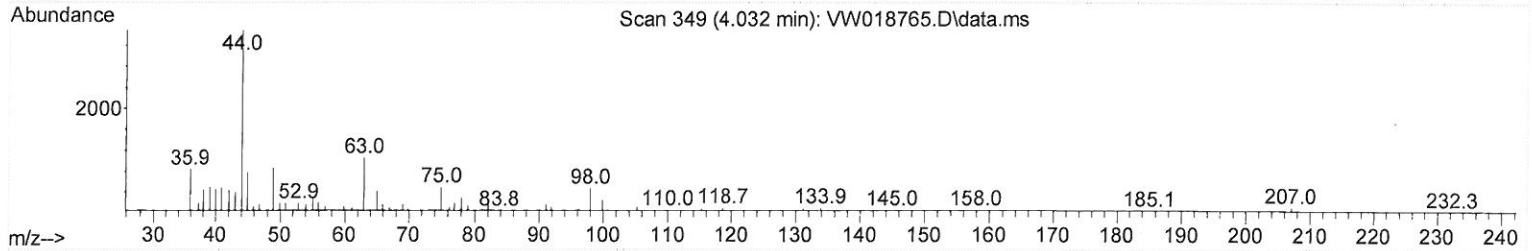
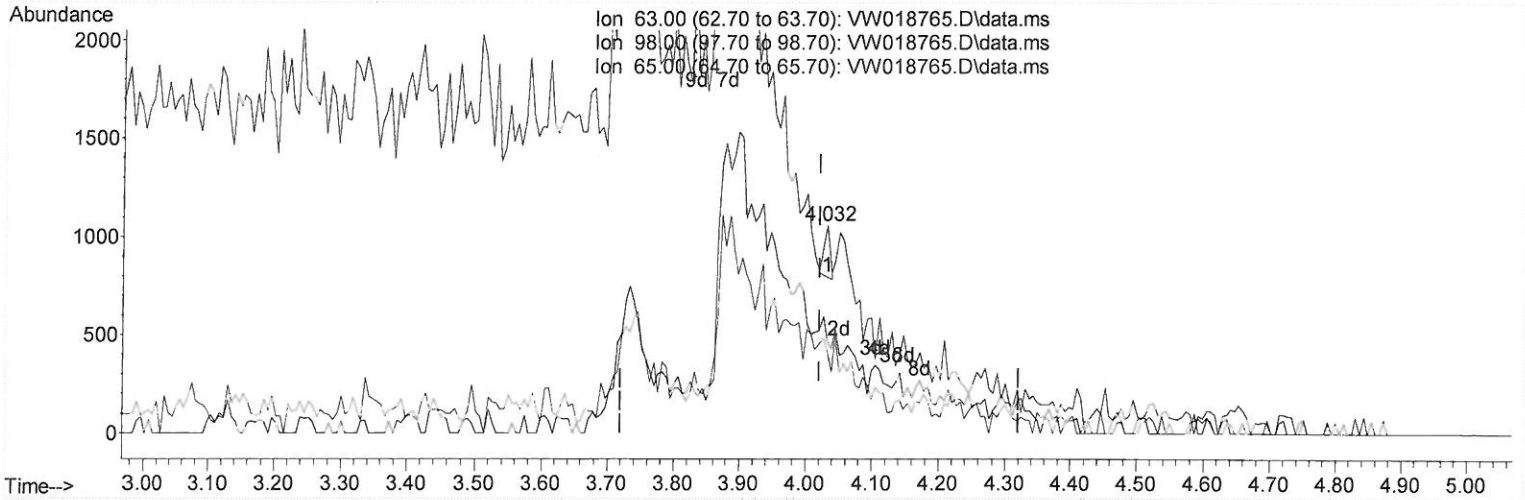
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(11) 1,1-Dichloroethene-d2 (S)

4.032min (+ 0.012) 0.01 ug/L

response 159

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.00 | 100.00 | 100.00 |
| 98.00 | 70.20  | 71.70  |
| 65.00 | 23.70  | 83.65# |
| 0.00  | 0.00   | 0.00   |

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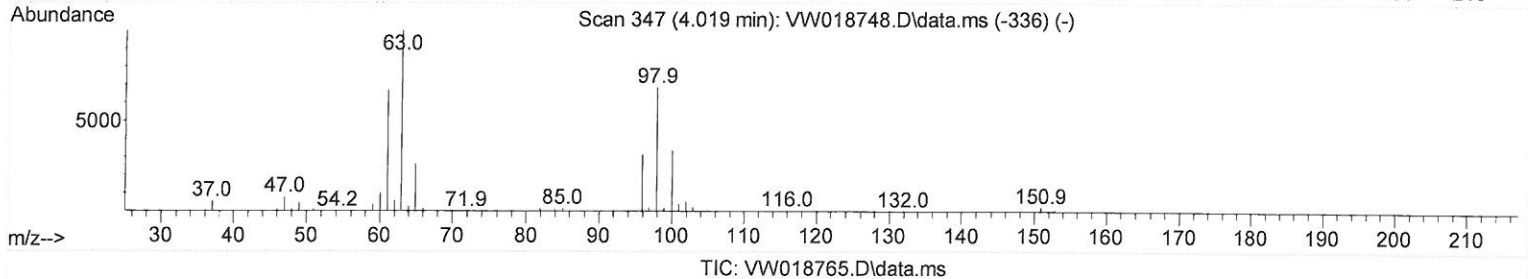
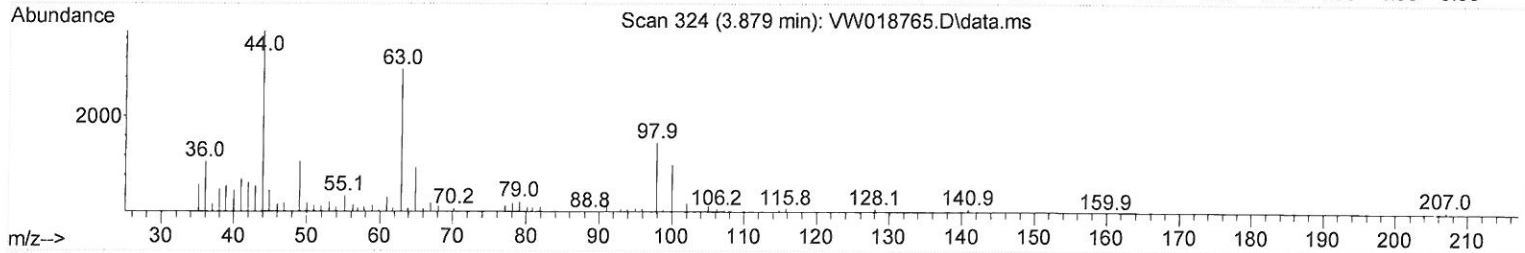
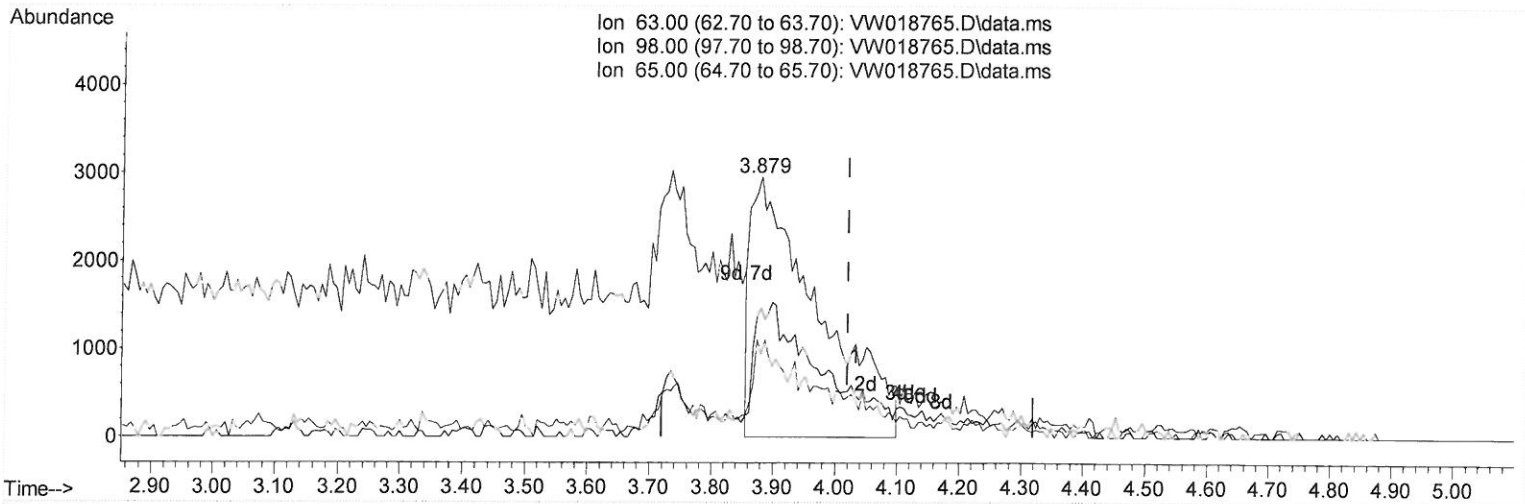
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(11) 1,1-Dichloroethene-d2 (S)

3.879min (-0.140) 1.45 ug/L m

response 22332

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.00 | 100.00 | 100.00 |
| 98.00 | 70.20  | 0.51#  |
| 65.00 | 23.70  | 0.60#  |
| 0.00  | 0.00   | 0.00   |

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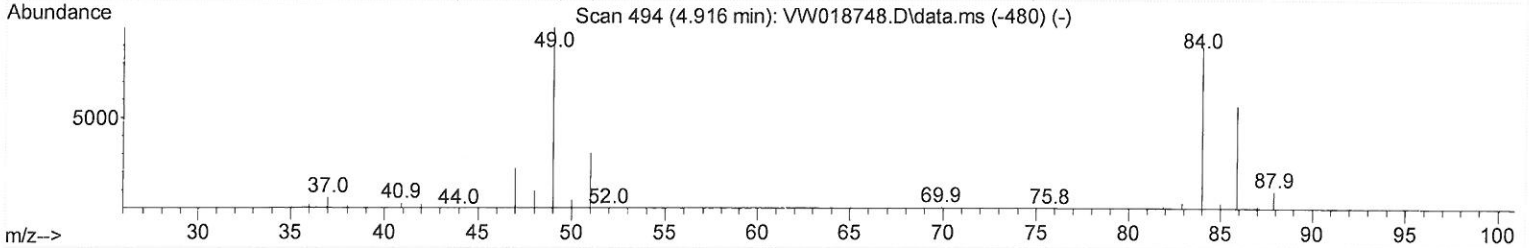
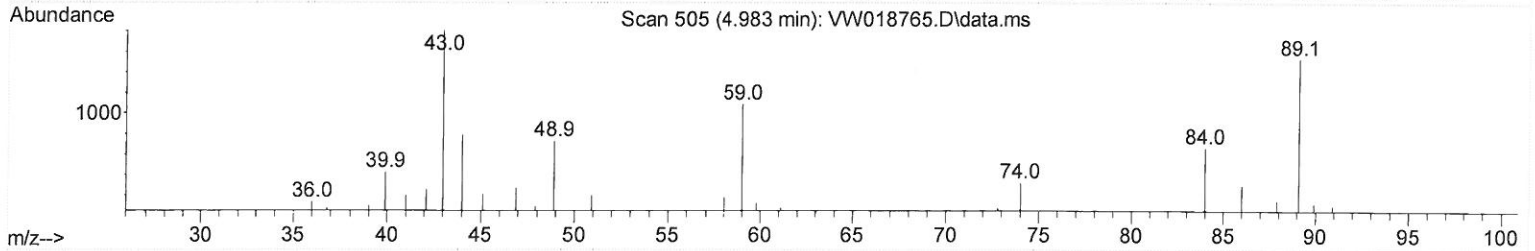
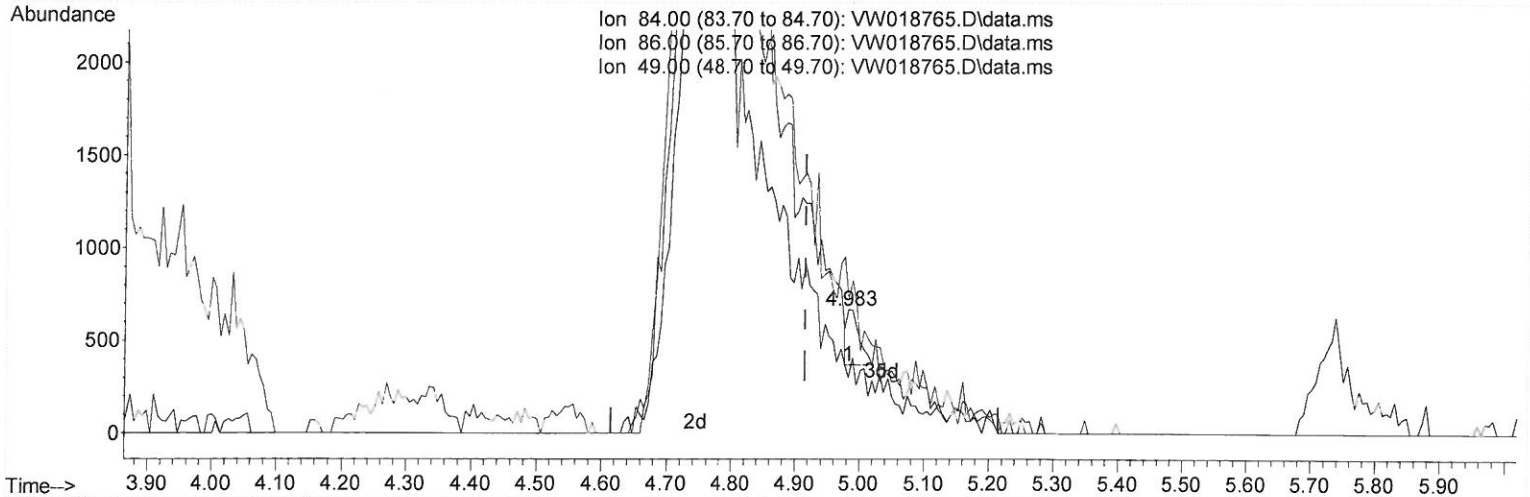
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TIC: VW018765.D\data.ms

(16) Methylene chloride (T)

4.983min (+ 0.067) 0.04 ug/L

response 383

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 86.00 | 64.70  | 45.35  |
| 49.00 | 123.70 | 109.46 |
| 0.00  | 0.00   | 0.00   |

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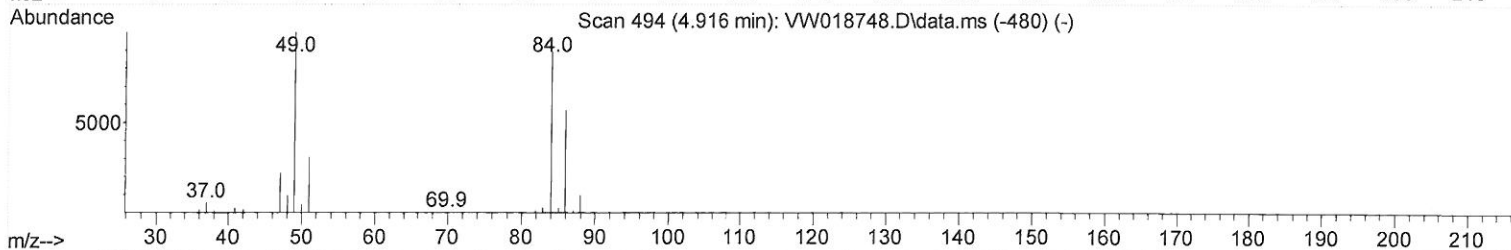
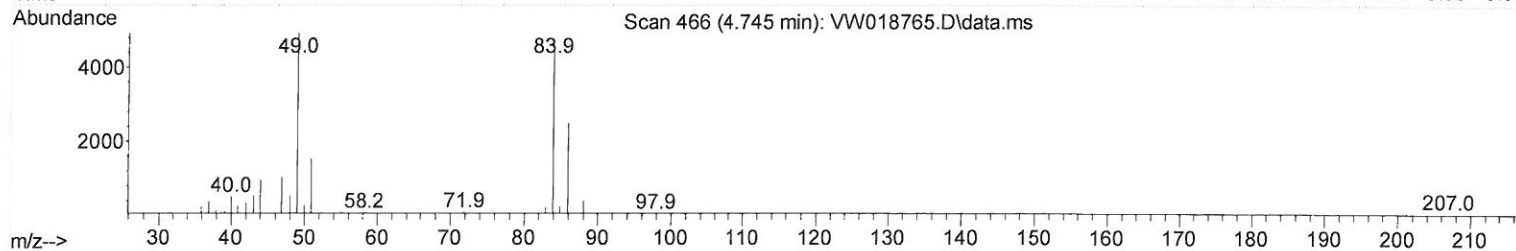
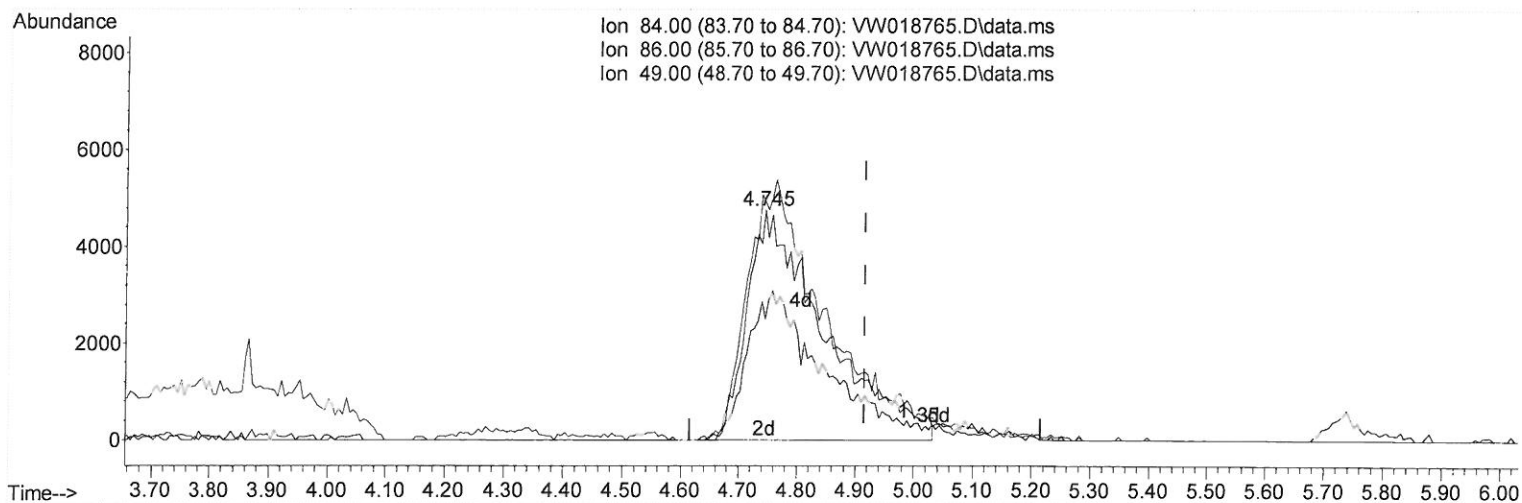
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MSVOA\_W  
ClientSampleId :  
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TIC: VW018765.D\data.ms

(16) Methylene chloride (T)

4.745min (-0.171) 4.51 ug/L m

response 43230

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 86.00 | 64.70  | 52.74  |
| 49.00 | 123.70 | 103.77 |
| 0.00  | 0.00   | 0.00   |

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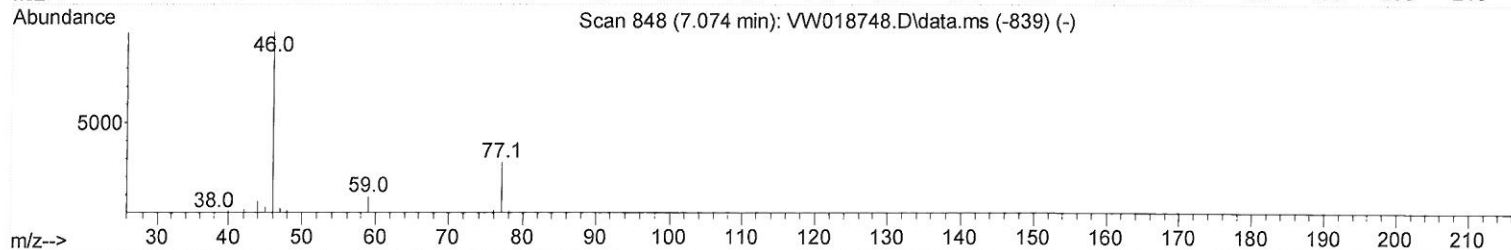
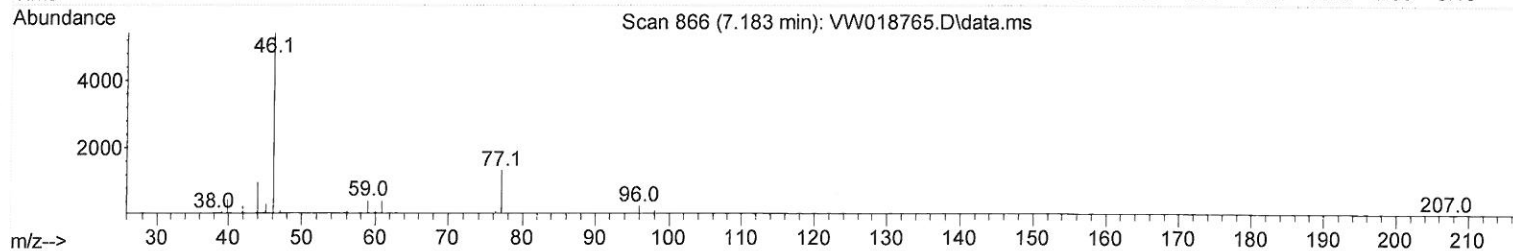
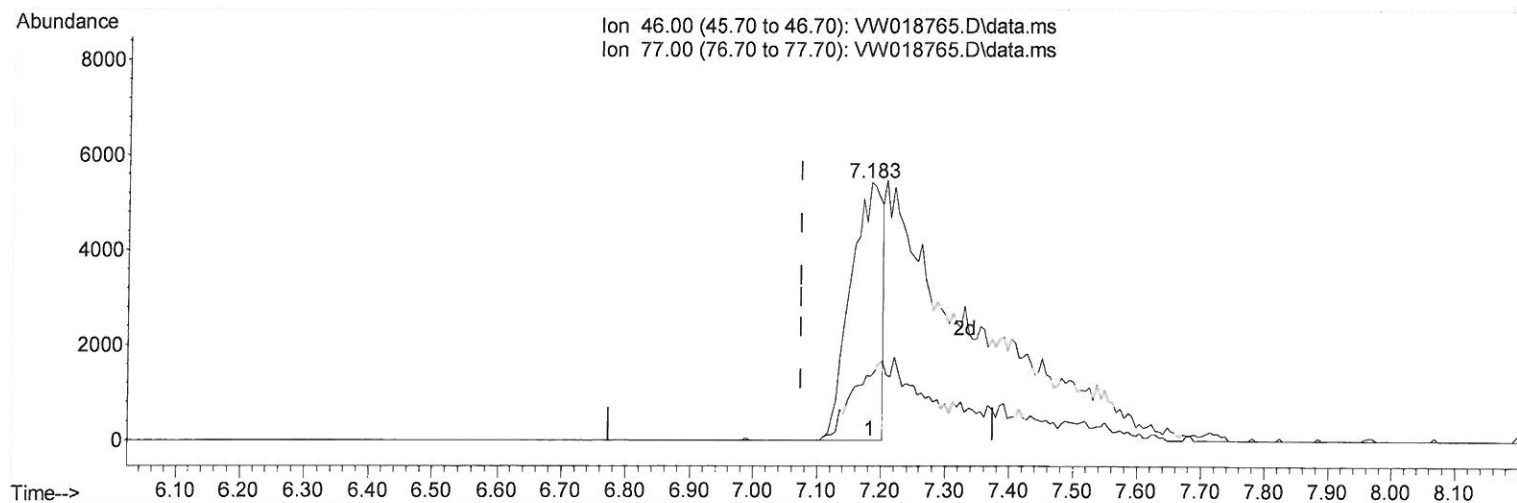
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(21) 2-Butanone-d5 (S)

7.183min (+ 0.110) 9.28 ug/L

response 18750

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 26.80  | 4.09#  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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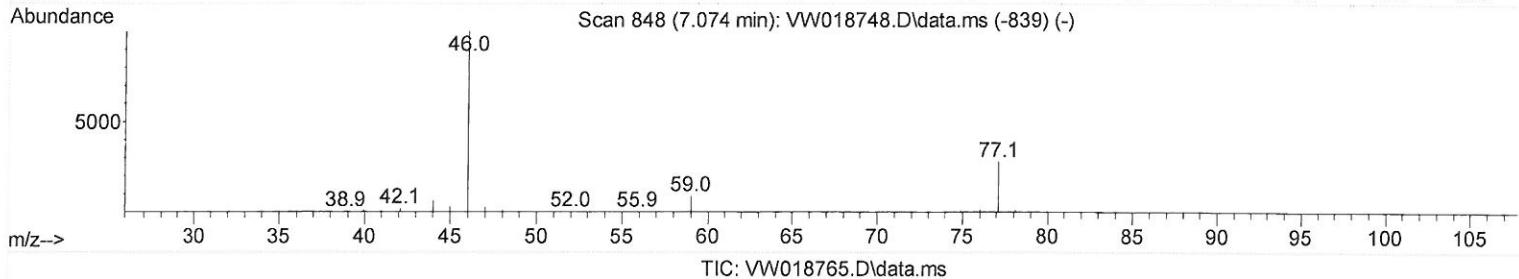
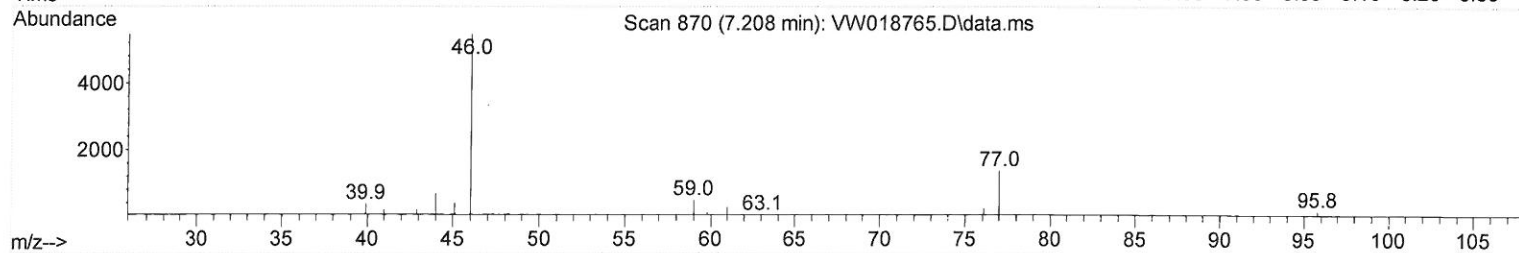
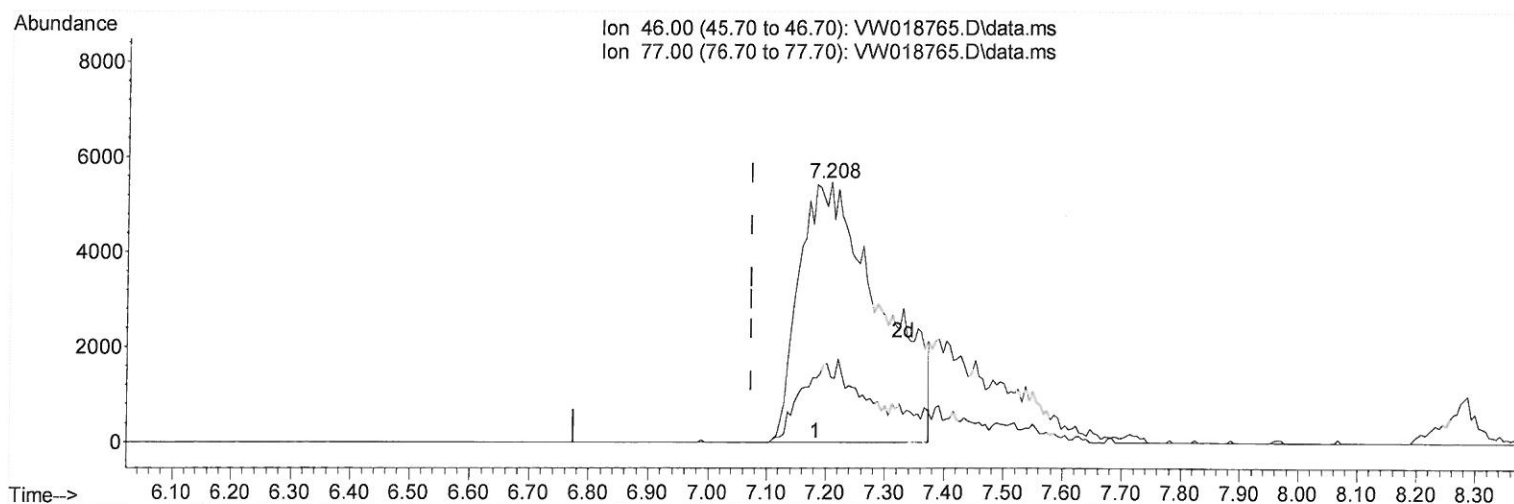
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 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GB3F5

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(21) 2-Butanone-d5 (S)

7.208min (+ 0.134) 25.62 ug/L m

204/28/21 Sy

response 51783

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 26.80  | 1.48#  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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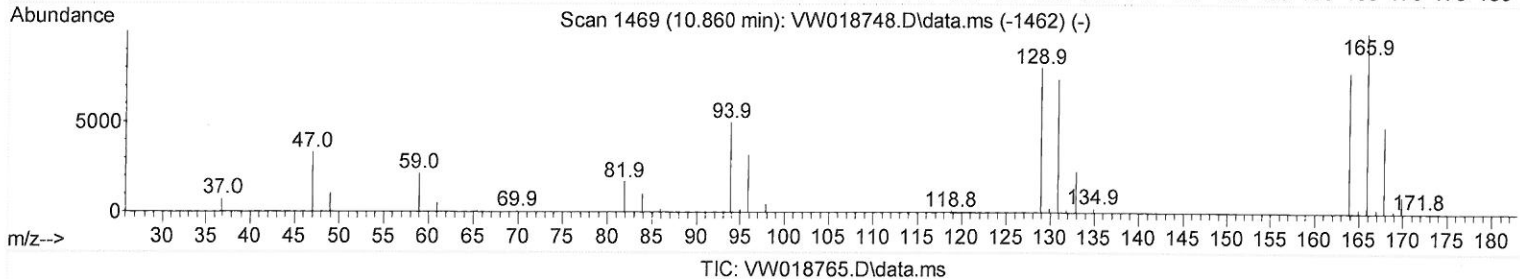
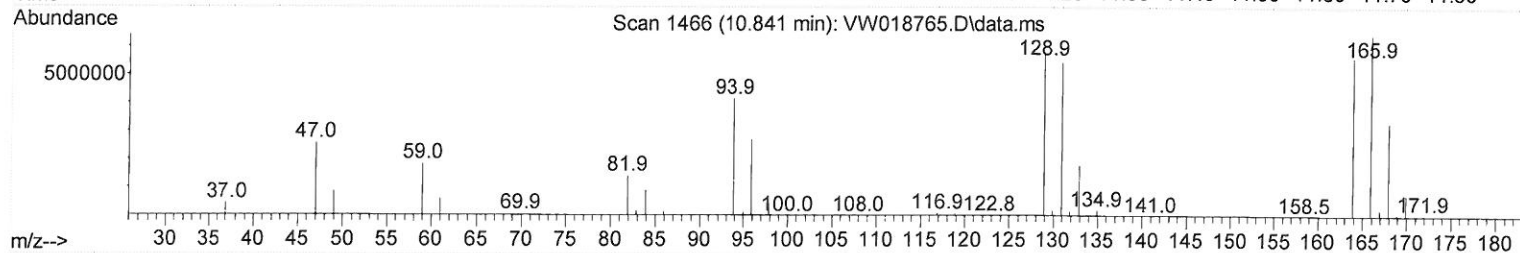
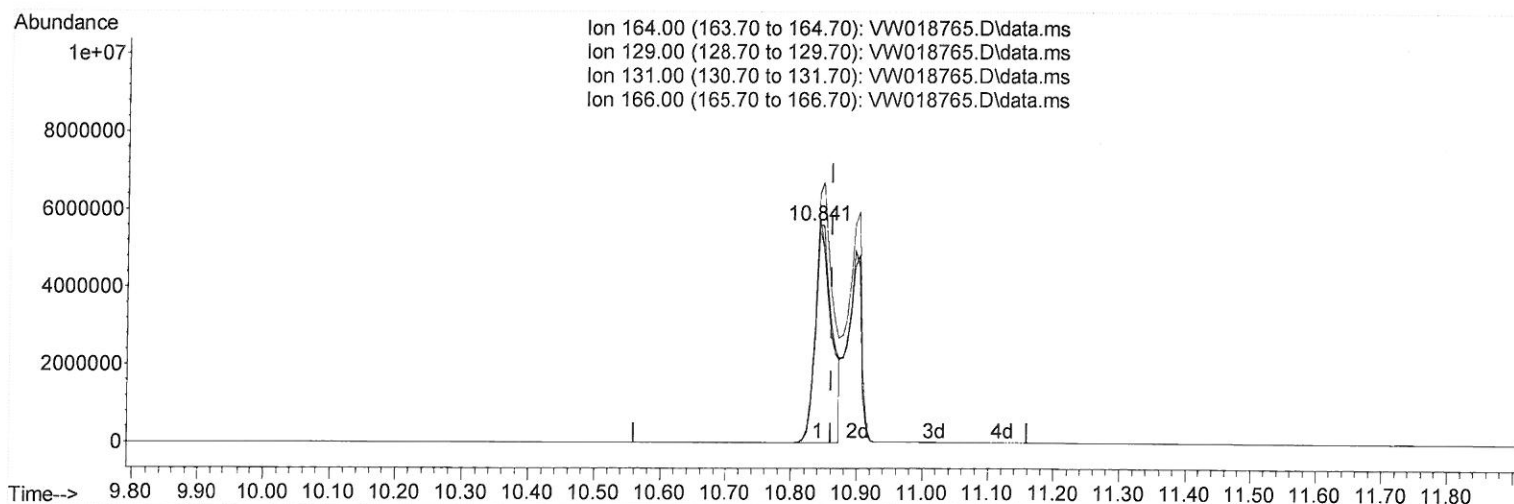
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(46) Tetrachloroethene (T)

10.841min (-0.018) 2009.28 ug/L

response 9853543

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 164.00 | 100.00 | 100.00 |
| 129.00 | 95.30  | 102.82 |
| 131.00 | 87.30  | 97.52  |
| 166.00 | 124.30 | 114.42 |

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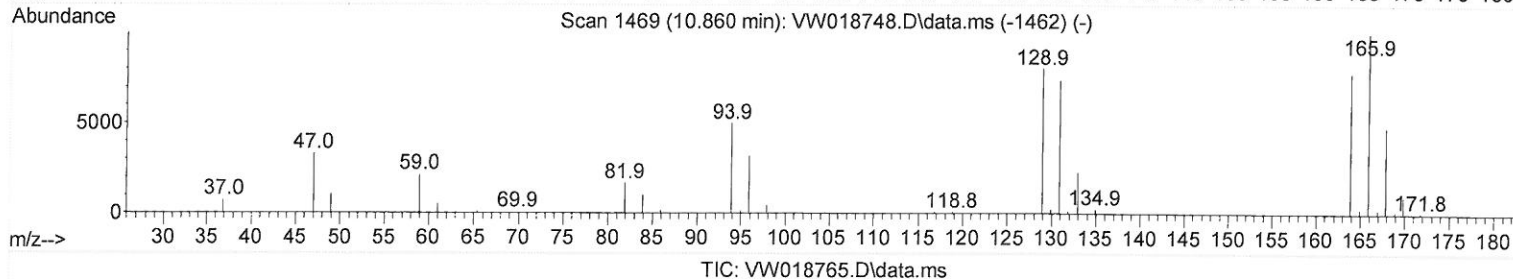
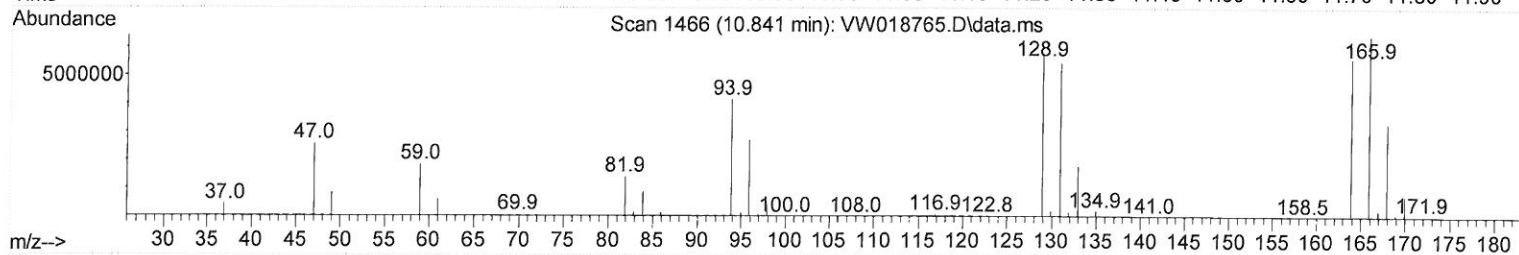
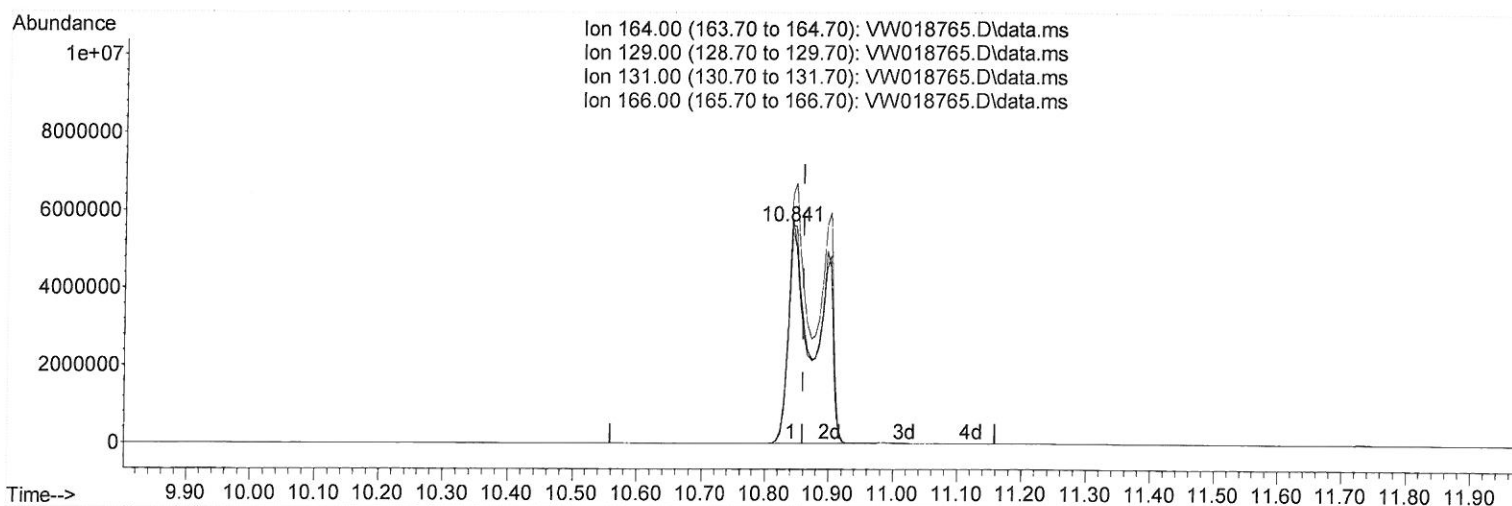
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(46) Tetrachloroethene (T)

10.841min (-0.018) 3442.74 ug/L m

response 16883275

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 164.00 | 100.00 | 100.00 |
| 129.00 | 95.30  | 102.82 |
| 131.00 | 87.30  | 97.52  |
| 166.00 | 124.30 | 114.42 |

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| Compound                      | R.T.   | QIon  | Response  | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|-----------|----------|-------|----------|
| Internal Standards            |        |       |           |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.823  | 114   | 584343    | 25.00    | ug/L  | -0.02    |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 429273    | 25.00    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 170079    | 25.00    | ug/L  | 0.00     |
| System Monitoring Compounds   |        |       |           |          |       |          |
| 4) Vinyl Chloride-d3          | 2.349  | 65    | 85989     | 9.68     | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150  | Recovery | =     | 38.72%   |
| 7) Chloroethane-d5            | 2.788  | 69    | 9393m     | 1.19     | ug/L  | -0.10    |
| Spiked Amount                 | 25.000 | Range | 30 - 150  | Recovery | =     | 4.76%#   |
| 11) 1,1-Dichloroethene-d2     | 3.879  | 63    | 22332m    | 1.45     | ug/L  | -0.14    |
| Spiked Amount                 | 25.000 | Range | 45 - 110  | Recovery | =     | 5.80%#   |
| 21) 2-Butanone-d5             | 7.208  | 46    | 51783m    | 25.62    | ug/L  | 0.13     |
| Spiked Amount                 | 50.000 | Range | 20 - 135  | Recovery | =     | 51.24%   |
| 24) Chloroform-d              | 7.622  | 84    | 254842    | 15.89    | ug/L  | -0.02    |
| Spiked Amount                 | 25.000 | Range | 40 - 150  | Recovery | =     | 63.56%   |
| 26) 1,2-Dichloroethane-d4     | 8.281  | 65    | 141648    | 15.71    | ug/L  | -0.02    |
| Spiked Amount                 | 25.000 | Range | 70 - 130  | Recovery | =     | 62.84%#  |
| 32) Benzene-d6                | 8.232  | 84    | 504220    | 20.02    | ug/L  | -0.04    |
| Spiked Amount                 | 25.000 | Range | 20 - 135  | Recovery | =     | 80.08%   |
| 36) 1,2-Dichloropropane-d6    | 9.262  | 67    | 165933    | 21.86    | ug/L  | -0.01    |
| Spiked Amount                 | 25.000 | Range | 70 - 120  | Recovery | =     | 87.44%   |
| 41) Toluene-d8                | 10.311 | 98    | 411820    | 17.88    | ug/L  | -0.01    |
| Spiked Amount                 | 25.000 | Range | 30 - 130  | Recovery | =     | 71.52%   |
| 43) trans-1,3-Dichloroprop... | 10.585 | 79    | 43404     | 13.43    | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135  | Recovery | =     | 53.72%   |
| 47) 2-Hexanone-d5             | 10.951 | 63    | 27685     | 20.98    | ug/L  | 0.02     |
| Spiked Amount                 | 50.000 | Range | 20 - 135  | Recovery | =     | 41.96%   |
| 56) 1,1,2,2-Tetrachloroeth... | 12.701 | 84    | 64047     | 10.11    | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120  | Recovery | =     | 40.44%#  |
| 66) 1,2-Dichlorobenzene-d4    | 13.859 | 152   | 101615    | 17.01    | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120  | Recovery | =     | 68.04%#  |
| Target Compounds              |        |       |           |          |       |          |
| 3) Chloromethane              | 2.203  | 50    | 24025     | 3.16     | ug/L  | 97       |
| 16) Methylene chloride        | 4.745  | 84    | 43230m    | 4.51     | ug/L  |          |
| 33) Benzene                   | 8.287  | 78    | 11021     | 0.41     | ug/L  | 100      |
| 34) Trichloroethene           | 9.067  | 95    | 97414     | 14.03    | ug/L  | 96       |
| 42) Toluene                   | 10.378 | 91    | 43635     | 1.51     | ug/L  | 95       |
| 46) Tetrachloroethene         | 10.841 | 164   | 16883275m | 3442.74  | ug/L  |          |
| 52) Ethylbenzene              | 11.731 | 91    | 13511     | 0.42     | ug/L  | 96       |
| 53) m,p-Xylene                | 11.835 | 106   | 9030      | 0.77     | ug/L  | 96       |
| 54) o-Xylene                  | 12.164 | 106   | 2707      | 0.24     | ug/L  | 73       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105   | 9036      | 0.44     | ug/L  | 97       |

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

04/28/21 SY

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042321\  
Data File : VW018765.D  
Acq On : 23 Apr 2021 18:09  
Operator : SY/VA  
Sample : M2165-14  
Misc : 5.25G/10ML/MSVOA\_W/SOIL  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
GB3F5

Manual Integrations  
APPROVED

SAM  
4/27/2021 5:46:03 PM

Quant Time: Apr 24 00:19:44 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM041421SMA.M  
Quant Title : SFAM01.0  
QLast Update : Sat Apr 24 00:16:05 2021  
Response via : Initial Calibration

