

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX042623\  
 Data File : VX035309.D  
 Acq On : 26 Apr 2023 13:40  
 Operator : JC/MD  
 Sample : 02479-12ME  
 Misc : 5.08g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EW953ME

Quant Time: Apr 27 04:42:10 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML041823WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Apr 25 03:03:54 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : John Carlone 04/27/2023  
 Supervised By : Mahesh Dadoda 05/01/2023

| Compound                      | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|--------|----------|
| -----                         |                |      |            |           |        |          |
| Internal Standards            |                |      |            |           |        |          |
| 1) 1,4-Difluorobenzene        | 6.757          | 114  | 296708     | 50.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055         | 117  | 253151     | 50.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 124957     | 50.000    | ug/L   | 0.00     |
|                               |                |      |            |           |        |          |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 4) Vinyl Chloride-d3          | 1.368          | 65   | 91112m     | 47.624    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 95.240%   |        |          |
| 7) Chloroethane-d5            | 1.673          | 69   | 63466m     | 45.909    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 91.820%   |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.288          | 65   | 51634      | 56.405    | ug/L   | -0.02    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 112.800%  |        |          |
| 21) 2-Butanone-d5             | 4.477          | 46   | 174700     | 137.027   | ug/L   | 0.02     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 137.030%# |        |          |
| 24) Chloroform-d              | 5.056          | 84   | 227386     | 63.112    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 126.220%# |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.952          | 65   | 160370     | 69.314    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 138.620%# |        |          |
| 32) Benzene-d6                | 5.971          | 84   | 500477     | 68.822    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 137.640%# |        |          |
| 36) 1,2-Dichloropropane-d6    | 7.306          | 67   | 156527     | 70.465    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 140.920%# |        |          |
| 41) Toluene-d8                | 8.647          | 98   | 456583     | 68.699    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 137.400%# |        |          |
| 43) trans-1,3-Dichloroprop... | 8.952          | 79   | 57587      | 59.321    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 118.640%  |        |          |
| 47) 2-Hexanone-d5             | 9.421          | 63   | 128559m    | 144.119   | ug/L   | 0.04     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 144.120%# |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195         | 84   | 192767     | 70.859    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 141.720%# |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.323         | 152  | 177615     | 73.349    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 146.700%# |        |          |
|                               |                |      |            |           |        |          |
| Target Compounds              |                |      |            |           |        |          |
| 9) Trichlorofluoromethane     | 1.880          | 101  | 2589       | 0.910     | ug/L   | 99       |
| 25) Chloroform                | 5.087          | 83   | 7145       | 2.003     | ug/L   | 96       |
| 46) Tetrachloroethene         | 9.275          | 164  | 3482       | 2.292     | ug/L   | 90       |
| 57) 1,1,2,2-Tetrachloroethane | 11.220         | 83   | 3558       | 1.260     | ug/L # | 28       |
| -----                         |                |      |            |           |        |          |

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

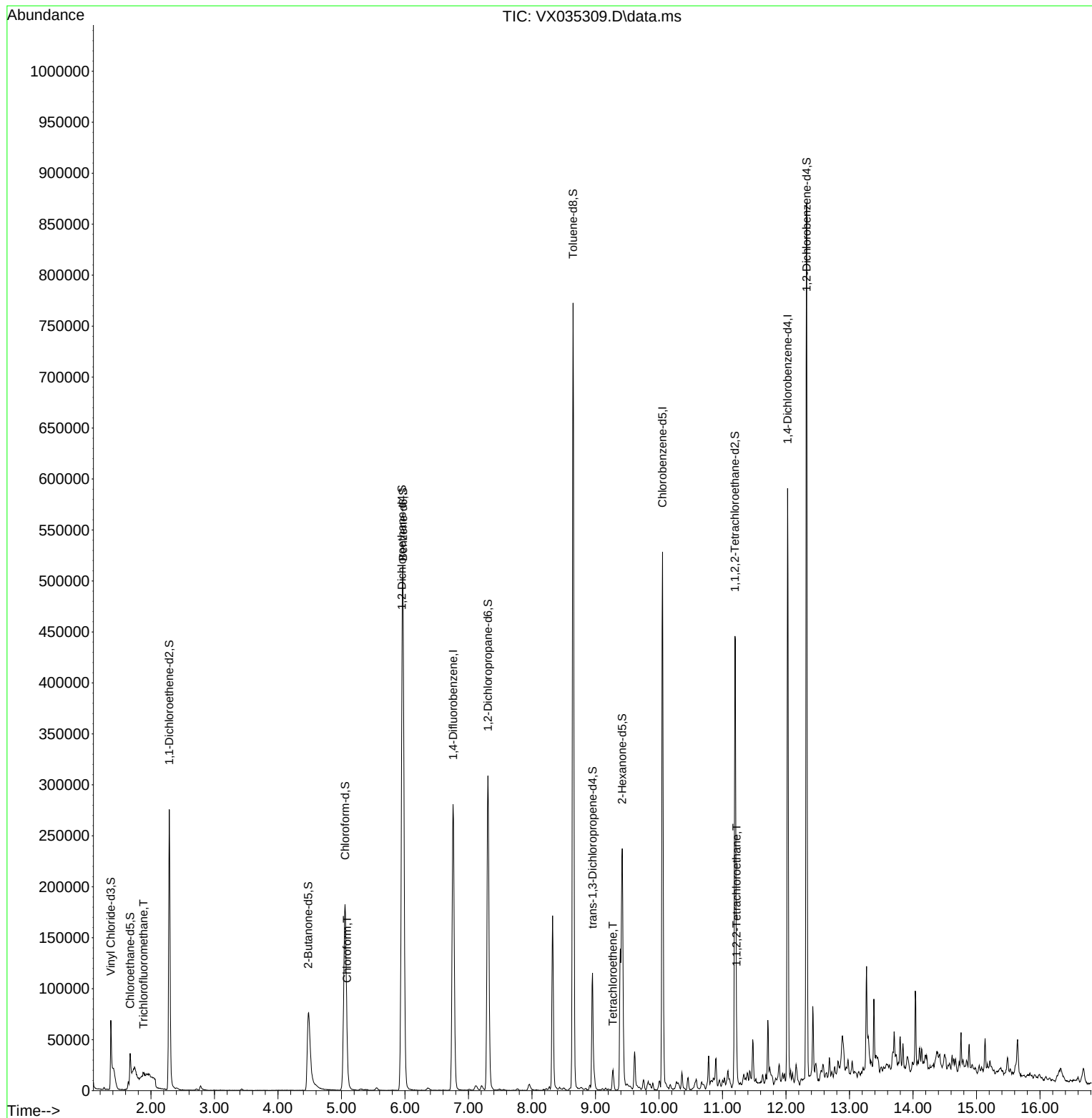
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX042623\  
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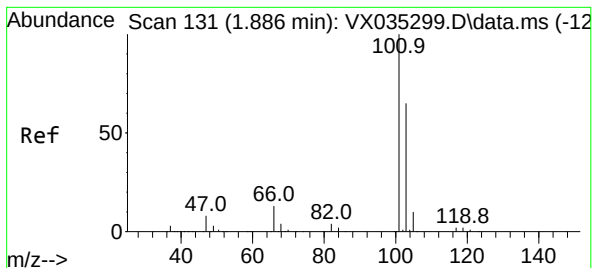
Instrument :  
MSVOA\_X  
ClientSampleId :  
EW953ME

Quant Time: Apr 27 04:42:10 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML041823WMA.M  
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QLast Update : Tue Apr 25 03:03:54 2023  
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#9

Trichlorofluoromethane

Concen: 0.910 ug/L

RT: 1.880 min Scan# 11

Delta R.T. -0.012 min

Lab File: VX035309.D

Acq: 26 Apr 2023 13:40

Instrument :

MSVOA\_X

ClientSampleId :

EW953ME

Tgt Ion:101 Resp: 2589

Ion Ratio Lower Upper

101 100

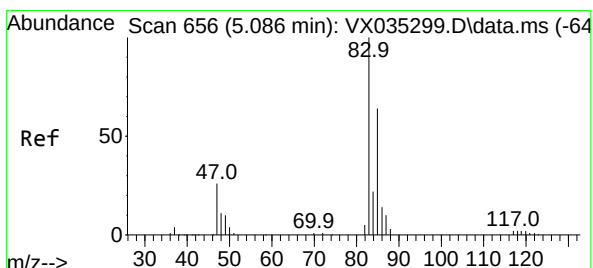
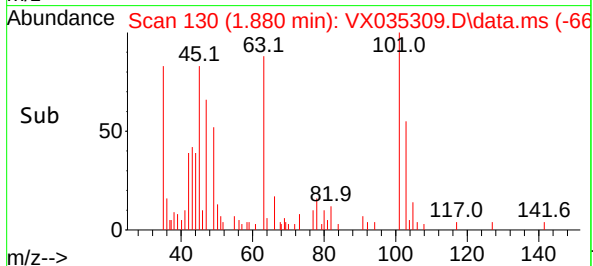
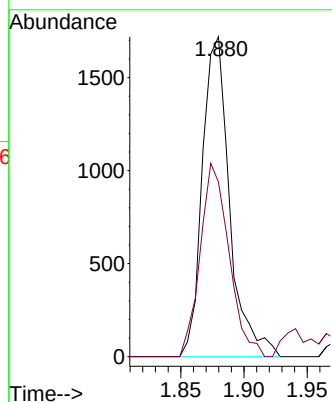
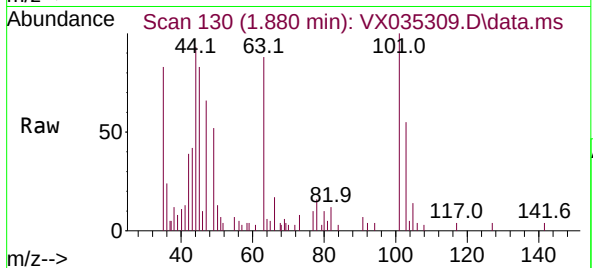
103 63.5 51.7 77.5

Manual Integrations

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#25

Chloroform

Concen: 2.003 ug/L

RT: 5.087 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX035309.D

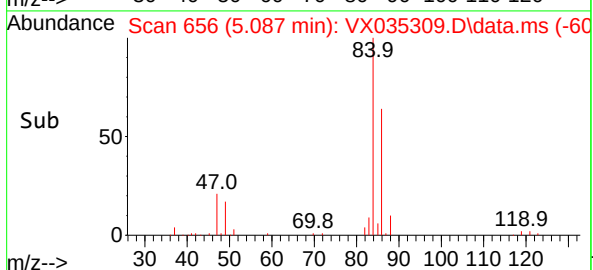
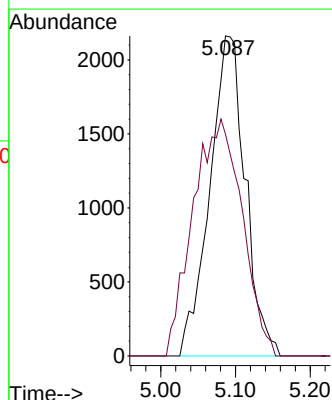
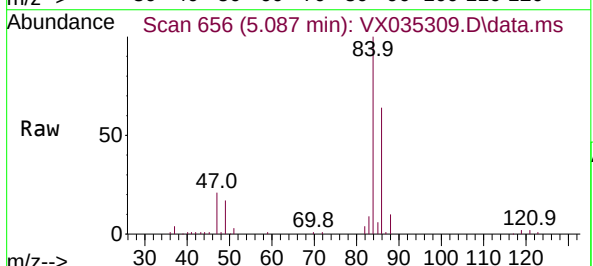
Acq: 26 Apr 2023 13:40

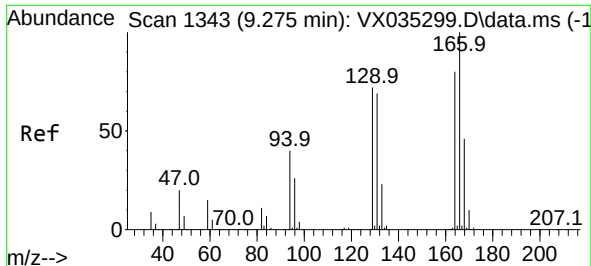
Tgt Ion: 83 Resp: 7145

Ion Ratio Lower Upper

83 100

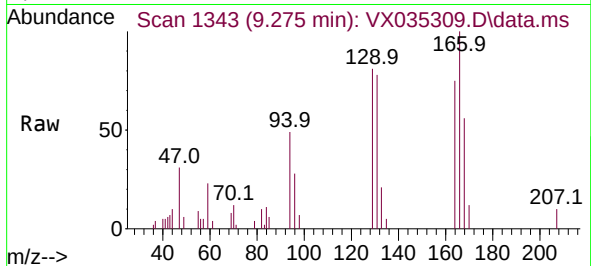
85 69.2 46.0 85.4





#46  
Tetrachloroethene  
Concen: 2.292 ug/L  
RT: 9.275 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX035309.D  
Acq: 26 Apr 2023 13:40

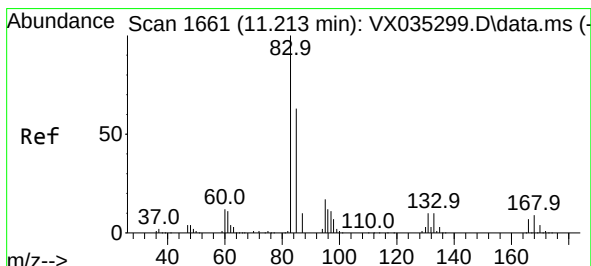
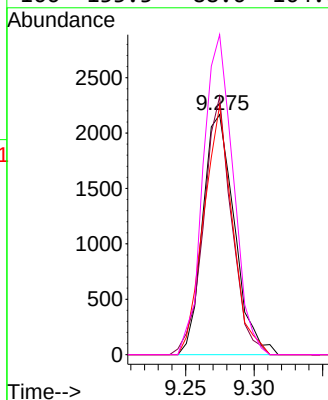
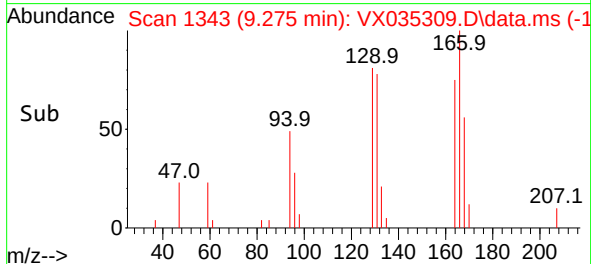
Instrument :  
MSVOA\_X  
ClientSampleId :  
EW953ME



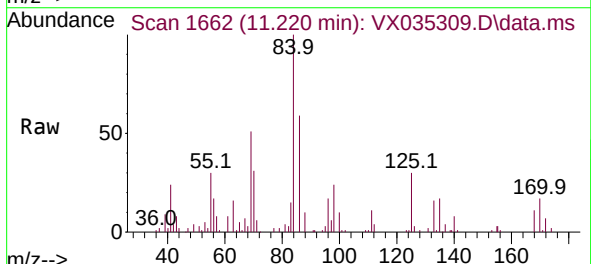
Tgt Ion:164 Resp: 348  
Ion Ratio Lower Upper  
164 100  
129 107.5 66.1 122.8  
131 104.0 65.0 120.8  
166 133.3 88.6 164.6

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#57  
1,1,2,2-Tetrachloroethane  
Concen: 1.260 ug/L  
RT: 11.220 min Scan# 1662  
Delta R.T. 0.006 min  
Lab File: VX035309.D  
Acq: 26 Apr 2023 13:40



Tgt Ion: 83 Resp: 3558  
Ion Ratio Lower Upper  
83 100  
85 0.0 46.0 85.4#  
131 12.5 8.3 12.5#

