

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV071222\  
 Data File : VV026718.D  
 Acq On : 12 Jul 2022 11:41  
 Operator : SY/MD  
 Sample : VV0712WBL01  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK392

Quant Time: Jul 13 03:00:15 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR071122WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Jul 13 02:57:58 2022  
 Response via : Initial Calibration

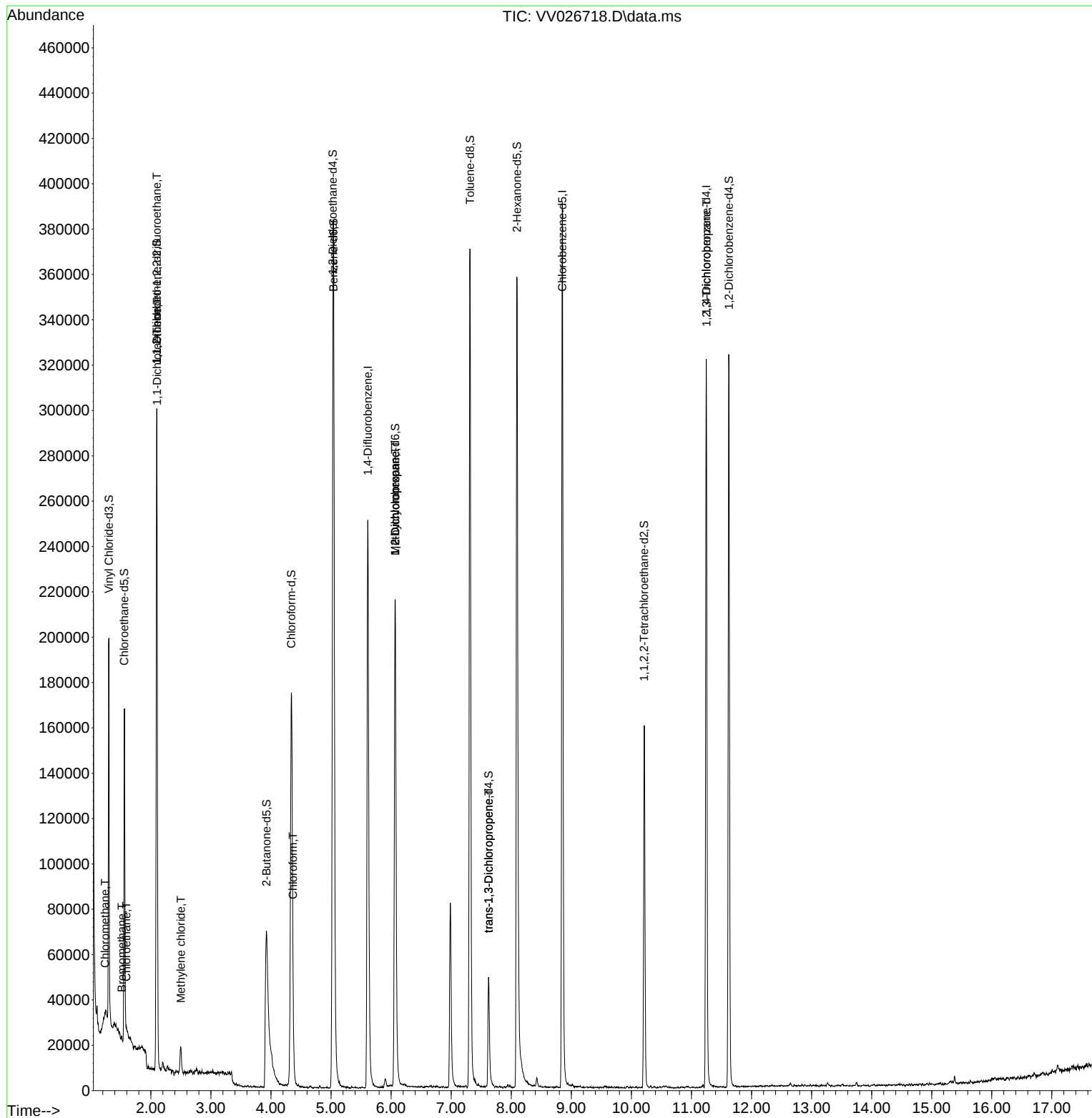
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.613  | 114            | 214298   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117            | 217531   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246 | 152            | 85347    | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.301  | 65             | 104270   | 5.333  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 106.600% |          |
| 7) Chloroethane-d5            | 1.558  | 69             | 94042    | 5.567  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 111.400% |          |
| 11) 1,1-Dichloroethene-d2     | 2.098  | 63             | 151426   | 4.035  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 80.600%  |          |
| 20) 2-Butanone-d5             | 3.925  | 46             | 165042   | 54.090 | ug/L     | 0.02     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 108.180% |          |
| 24) Chloroform-d              | 4.339  | 84             | 181527   | 5.310  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 106.200% |          |
| 26) 1,2-Dichloroethane-d4     | 5.031  | 65             | 84500    | 5.658  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 113.200% |          |
| 32) Benzene-d6                | 5.040  | 84             | 327390   | 4.953  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 99.000%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67             | 106299   | 5.364  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 107.200% |          |
| 41) Toluene-d8                | 7.313  | 98             | 251952   | 4.294  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 85.800%  |          |
| 43) trans-1,3-Dichloroprop... | 7.622  | 79             | 30697    | 4.734  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 94.600%  |          |
| 46) 2-Hexanone-d5             | 8.095  | 63             | 125402   | 44.669 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 89.340%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84             | 76544    | 4.958  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 99.200%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152            | 80140    | 5.389  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 107.800% |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          | Qvalue   |
| 3) Chloromethane              | 1.237  | 50             | 1622     | 0.062  | ug/L #   | 80       |
| 6) Bromomethane               | 1.516  | 94             | 870      | 0.055  | ug/L     | 87       |
| 8) Chloroethane               | 1.590  | 64             | 10532    | 0.672  | ug/L #   | 50       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.098  | 101            | 1925     | 0.099  | ug/L #   | 31       |
| 12) 1,1-Dichloroethene        | 2.101  | 96             | 1595     | 0.085  | ug/L #   | 1        |
| 16) Methylene chloride        | 2.500  | 84             | 4777     | 0.213  | ug/L     | 96       |
| 25) Chloroform                | 4.365  | 83             | 2886     | 0.087  | ug/L     | 86       |
| 35) Methylcyclohexane         | 6.066  | 83             | 25661    | 0.941  | ug/L #   | 20       |
| 37) 1,2-Dichloropropane       | 6.069  | 63             | 11574    | 0.666  | ug/L #   | 85       |
| 44) trans-1,3-Dichloropropene | 7.622  | 75             | 1724     | 0.097  | ug/L #   | 74       |
| 61) 1,2,3-Trichloropropane    | 11.249 | 75             | 9594     | 1.219  | ug/L #   | 65       |
| -----                         |        |                |          |        |          |          |

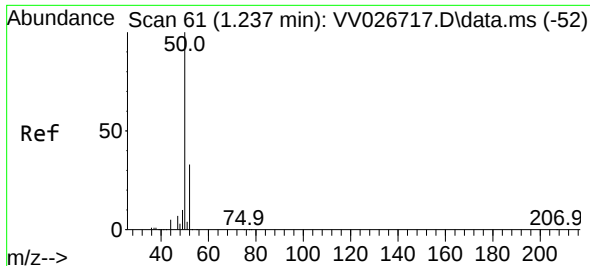
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VV0712WBL01  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :  
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Quant Time: Jul 13 03:00:15 2022  
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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Jul 13 02:57:58 2022  
Response via : Initial Calibration

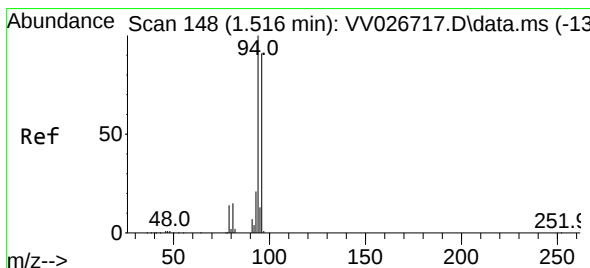
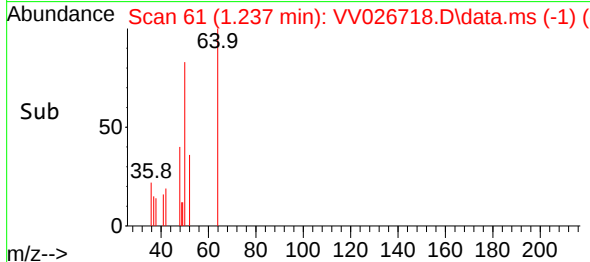
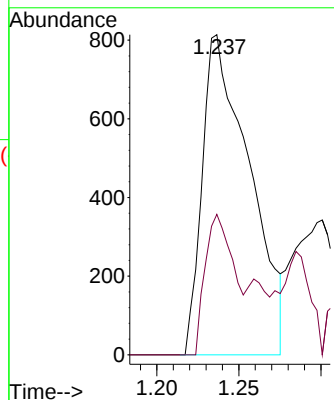
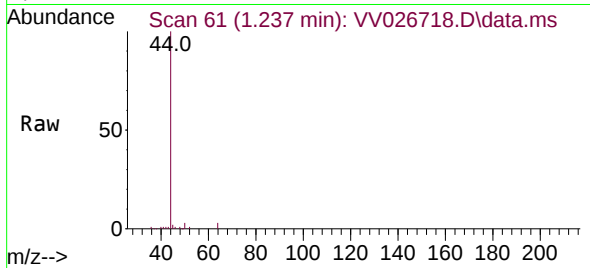




#3  
Chloromethane  
Concen: 0.062 ug/L  
RT: 1.237 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VV026718.D  
Acq: 12 Jul 2022 11:41

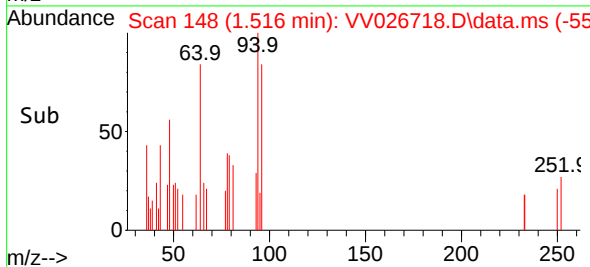
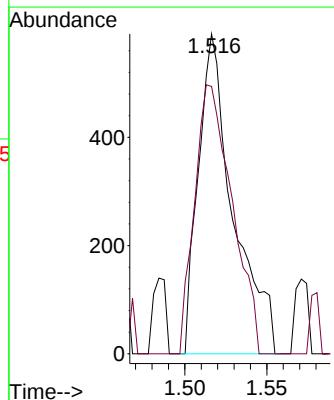
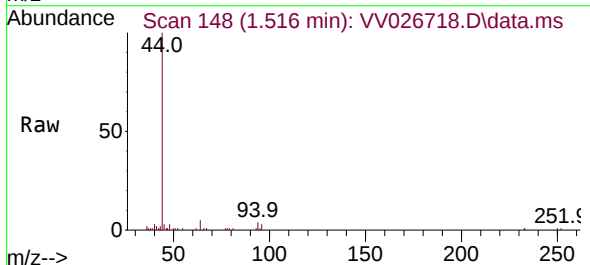
Instrument :  
MSVOA\_V  
ClientSampleId :  
VBLK392

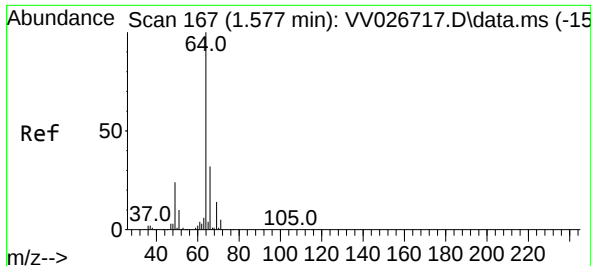
Tgt Ion: 50 Resp: 1622  
Ion Ratio Lower Upper  
50 100  
52 43.9 22.8 42.4#



#6  
Bromomethane  
Concen: 0.055 ug/L  
RT: 1.516 min Scan# 148  
Delta R.T. 0.000 min  
Lab File: VV026718.D  
Acq: 12 Jul 2022 11:41

Tgt Ion: 94 Resp: 870  
Ion Ratio Lower Upper  
94 100  
96 83.6 67.1 124.7

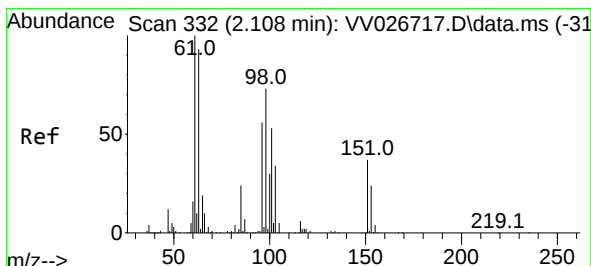
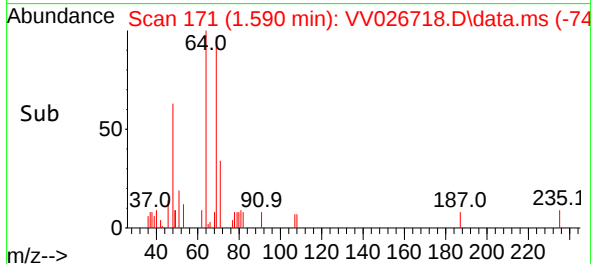
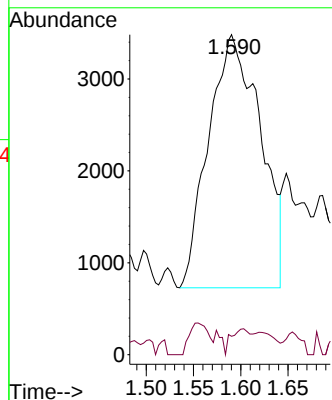
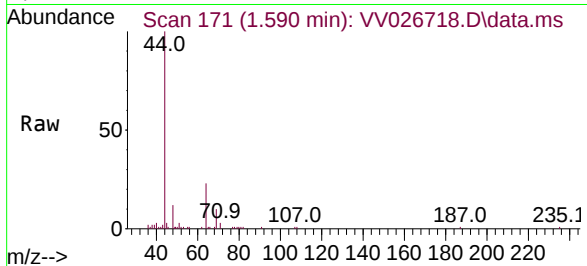




#8  
Chloroethane  
Concen: 0.672 ug/L  
RT: 1.590 min Scan# 11  
Delta R.T. 0.013 min  
Lab File: VV026718.D  
Acq: 12 Jul 2022 11:41

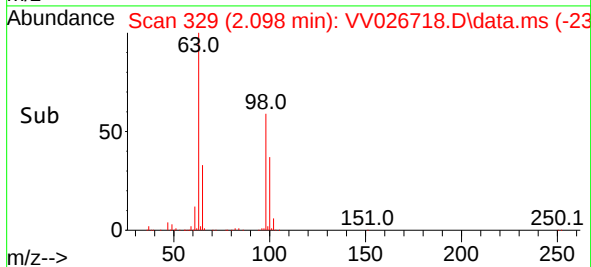
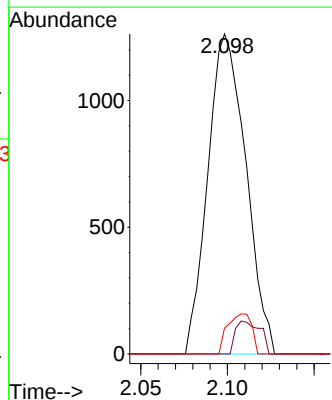
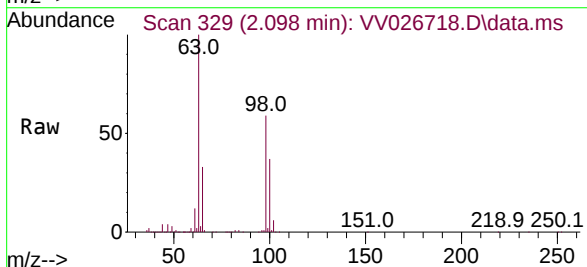
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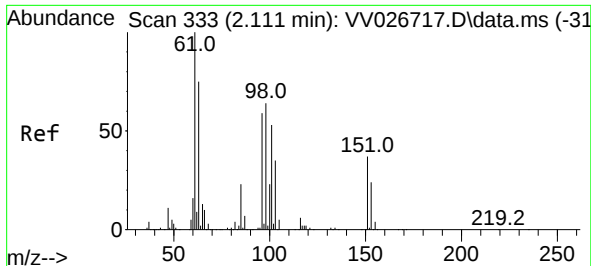
Tgt Ion: 64 Resp: 10532  
Ion Ratio Lower Upper  
64 100  
66 5.7 23.9 44.5#



#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.099 ug/L  
RT: 2.098 min Scan# 329  
Delta R.T. -0.010 min  
Lab File: VV026718.D  
Acq: 12 Jul 2022 11:41

Tgt Ion: 101 Resp: 1925  
Ion Ratio Lower Upper  
101 100  
85 6.6 35.0 52.4#  
151 7.9 56.7 85.1#

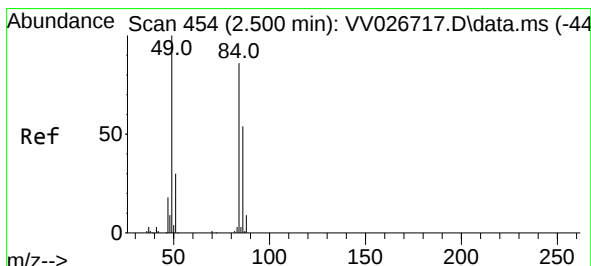
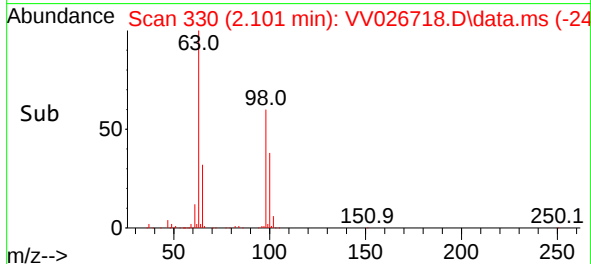
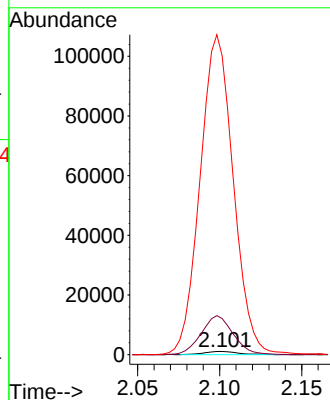
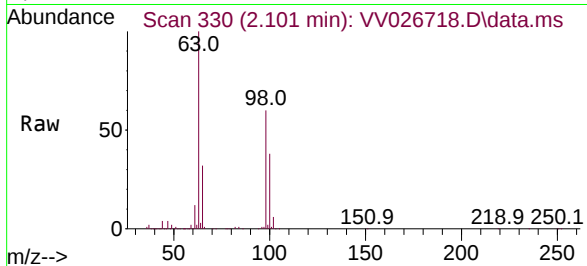




#12  
1,1-Dichloroethene  
Concen: 0.085 ug/L  
RT: 2.101 min Scan# 31  
Delta R.T. -0.010 min  
Lab File: VV026718.D  
Acq: 12 Jul 2022 11:41

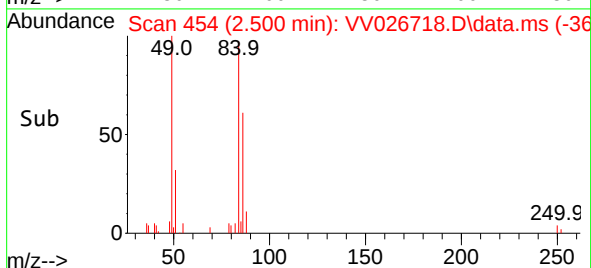
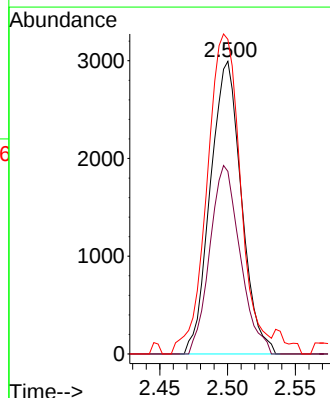
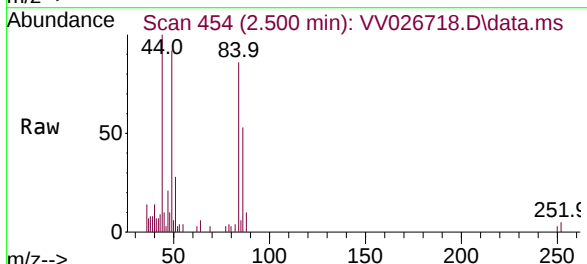
Instrument :  
MSVOA\_V  
ClientSampleId :  
VBLK392

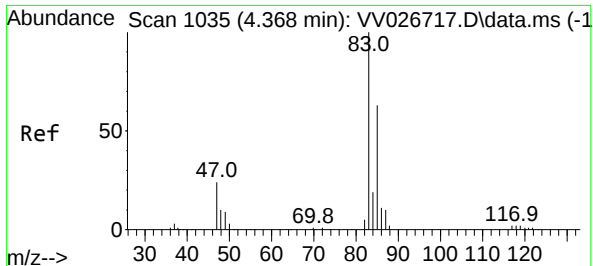
Tgt Ion: 96 Resp: 1595  
Ion Ratio Lower Upper  
96 100  
61 1136.2 118.3 219.7#  
63 9403.4 79.9 148.3#



#16  
Methylene chloride  
Concen: 0.213 ug/L  
RT: 2.500 min Scan# 454  
Delta R.T. 0.000 min  
Lab File: VV026718.D  
Acq: 12 Jul 2022 11:41

Tgt Ion: 84 Resp: 4777  
Ion Ratio Lower Upper  
84 100  
86 62.4 44.8 83.2  
49 107.5 78.7 146.1





#25

Chloroform

Concen: 0.087 ug/L

RT: 4.365 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VV026718.D

Acq: 12 Jul 2022 11:41

Instrument :

MSVOA\_V

ClientSampleId :

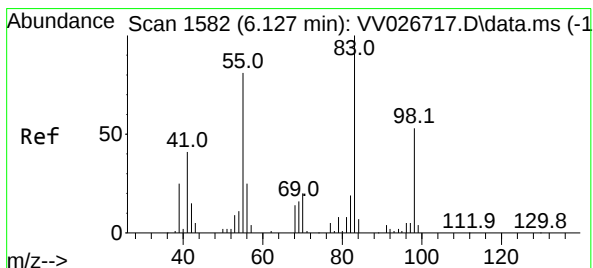
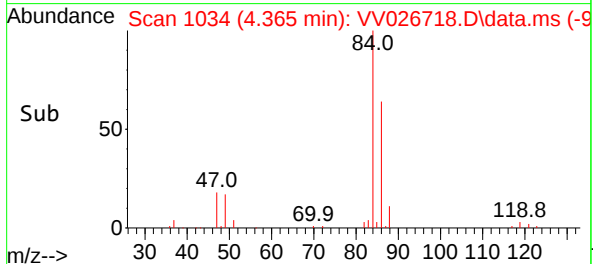
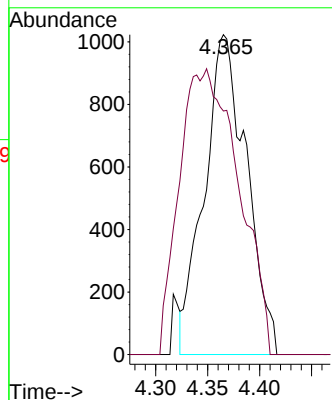
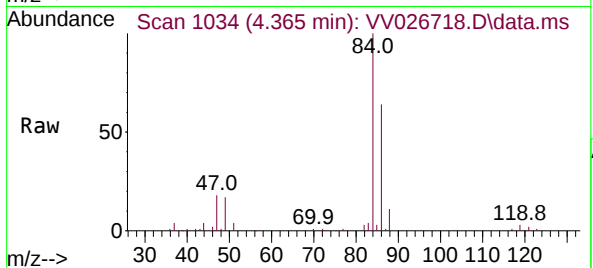
VBLK392

Tgt Ion: 83 Resp: 2886

Ion Ratio Lower Upper

83 100

85 76.1 45.7 84.9



#35

Methylcyclohexane

Concen: 0.941 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV026718.D

Acq: 12 Jul 2022 11:41

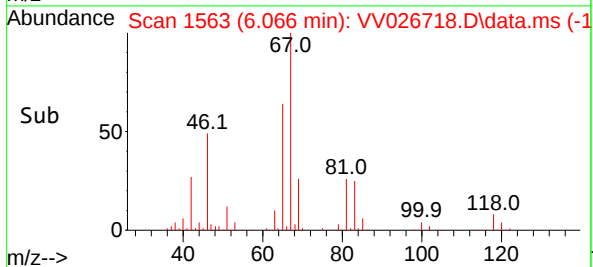
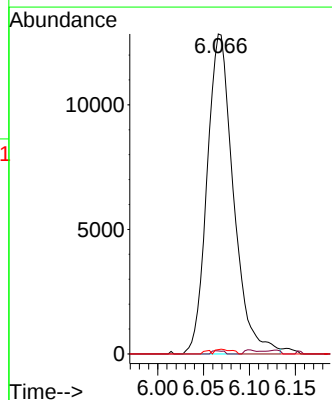
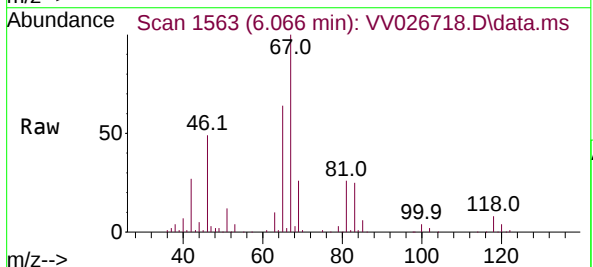
Tgt Ion: 83 Resp: 25661

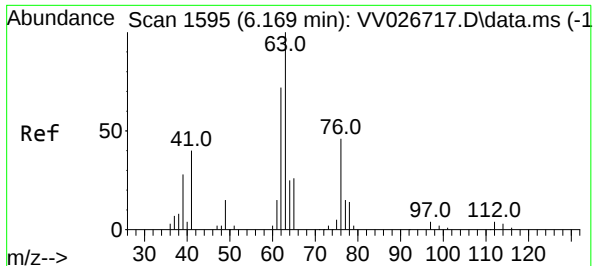
Ion Ratio Lower Upper

83 100

55 0.4 59.5 89.3#

98 0.9 38.3 57.5#





#37

1,2-Dichloropropane

Concen: 0.666 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV026718.D

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MSVOA\_V

ClientSampleId :

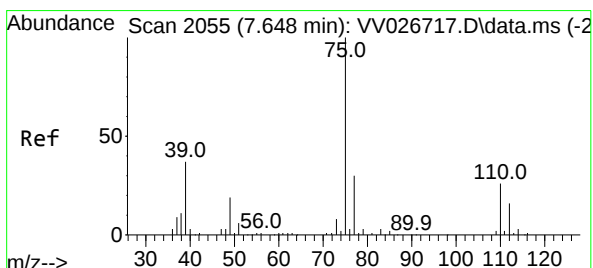
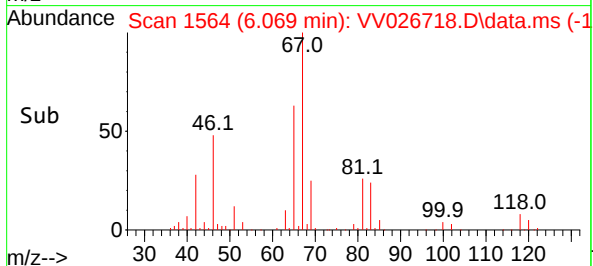
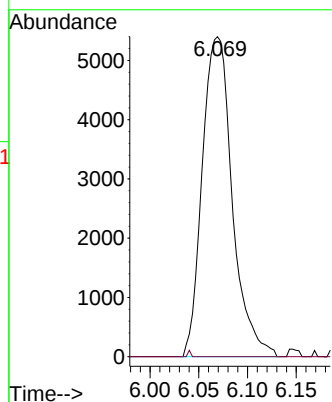
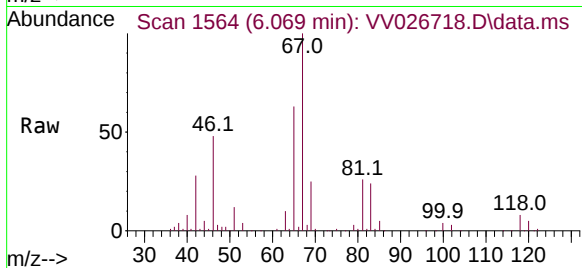
VBLK392

Tgt Ion: 63 Resp: 11574

Ion Ratio Lower Upper

63 100

112 0.2 4.2 6.2#



#44

trans-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 7.622 min Scan# 2047

Delta R.T. -0.026 min

Lab File: VV026718.D

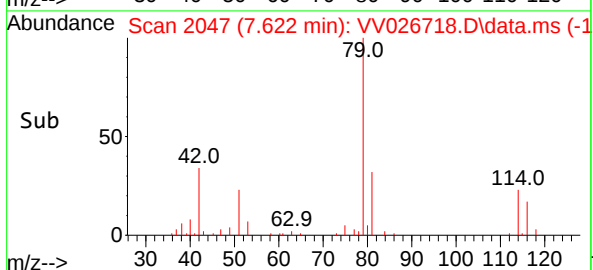
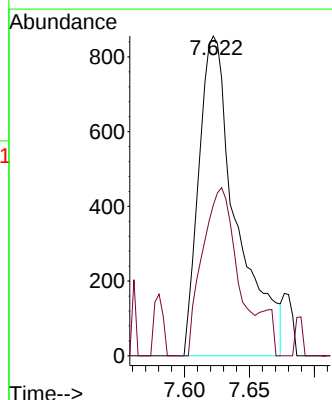
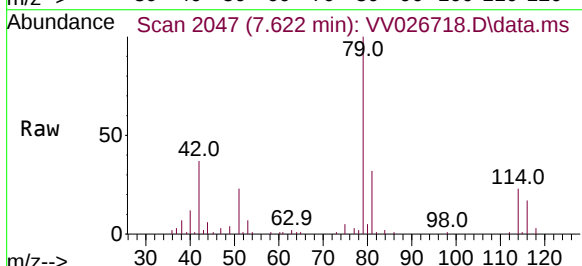
Acq: 12 Jul 2022 11:41

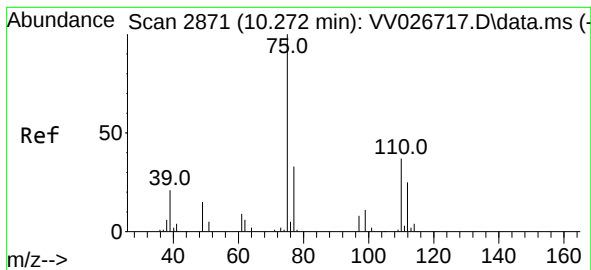
Tgt Ion: 75 Resp: 1724

Ion Ratio Lower Upper

75 100

77 47.2 22.7 42.3#





#61

1,2,3-Trichloropropane

Concen: 1.219 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV026718.D

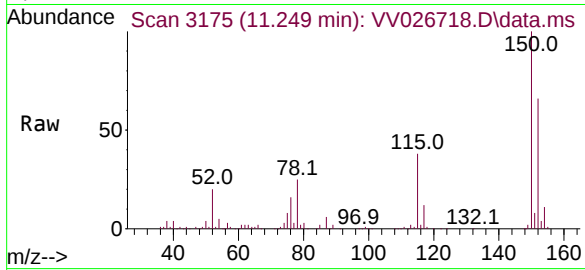
Acq: 12 Jul 2022 11:41

Instrument :

MSVOA\_V

ClientSampleId :

VBLK392



Tgt Ion: 75 Resp: 9594

Ion Ratio Lower Upper

75 100

77 33.9 25.4 38.0

110 2.5 31.8 47.6#

