

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW111722\  
 Data File : VW029068.D  
 Acq On : 17 Nov 2022 17:00  
 Operator : SY/MD  
 Sample : N5628-03DL 40X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 COL13DL

Quant Time: Nov 18 01:43:41 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR111122WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Nov 18 01:37:41 2022  
 Response via : Initial Calibration

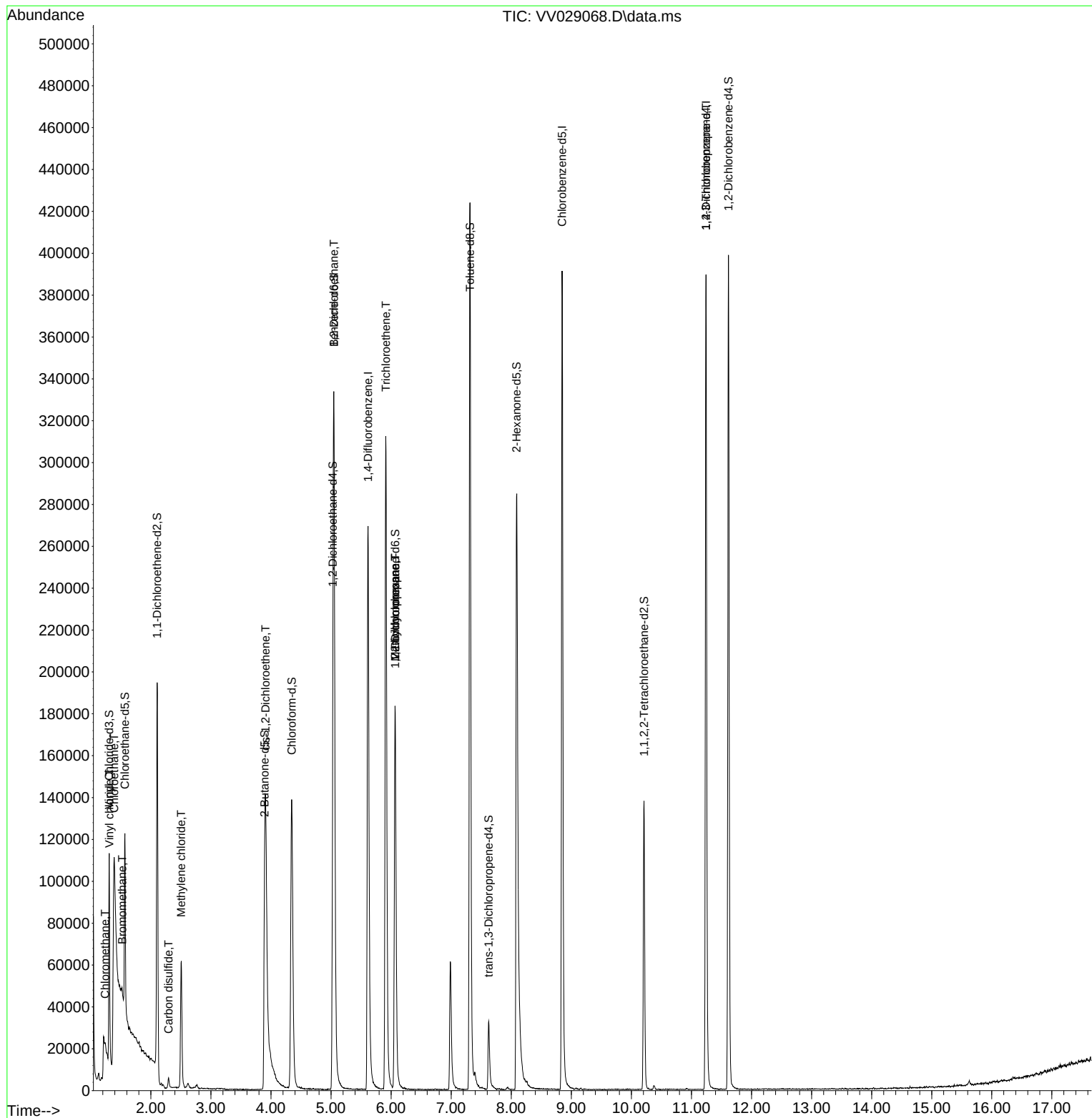
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.616  | 114   | 264854   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.847  | 117   | 241911   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.242 | 152   | 114807   | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65    | 68626    | 4.250    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 85.000%  |
| 7) Chloroethane-d5            | 1.568  | 69    | 55643    | 3.920    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 78.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.105  | 63    | 95184    | 3.235    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 64.600%  |
| 20) 2-Butanone-d5             | 3.892  | 46    | 120325   | 44.517   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 89.040%  |
| 24) Chloroform-d              | 4.346  | 84    | 153817   | 4.640    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 92.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.030  | 65    | 71737    | 4.810    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 96.200%  |
| 32) Benzene-d6                | 5.047  | 84    | 333807   | 4.623    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 92.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67    | 95088    | 4.716    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 94.400%  |
| 41) Toluene-d8                | 7.313  | 98    | 307992   | 4.738    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 94.800%  |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 23377    | 3.555    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 71.000%  |
| 46) 2-Hexanone-d5             | 8.088  | 63    | 130372   | 46.445   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 92.900%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.210 | 84    | 68109    | 4.872    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 97.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.615 | 152   | 113168   | 5.510    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 110.200% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Chloromethane              | 1.240  | 50    | 2242     | 0.122    | ug/L   | 83       |
| 5) Vinyl chloride             | 1.310  | 62    | 4324     | 0.207    | ug/L # | 1        |
| 6) Bromomethane               | 1.523  | 94    | 730      | 0.058    | ug/L   | 91       |
| 8) Chloroethane               | 1.388  | 64    | 274885   | 22.381   | ug/L # | 52       |
| 14) Carbon disulfide          | 2.294  | 76    | 7083     | 0.124    | ug/L   | 96       |
| 16) Methylene chloride        | 2.506  | 84    | 27954    | 1.348    | ug/L   | 96       |
| 22) cis-1,2-Dichloroethene    | 3.908  | 96    | 50849    | 2.690    | ug/L   | 89       |
| 27) 1,2-Dichloroethane        | 5.047  | 62    | 1655     | 0.101    | ug/L # | 70       |
| 34) Trichloroethene           | 5.911  | 95    | 113959   | 6.022    | ug/L   | 98       |
| 35) Methylcyclohexane         | 6.066  | 83    | 23742    | 0.714    | ug/L # | 21       |
| 37) 1,2-Dichloropropane       | 6.069  | 63    | 9795     | 0.575    | ug/L # | 85       |
| 61) 1,2,3-Trichloropropane    | 11.242 | 75    | 11696    | 1.491    | ug/L # | 64       |
| -----                         |        |       |          |          |        |          |

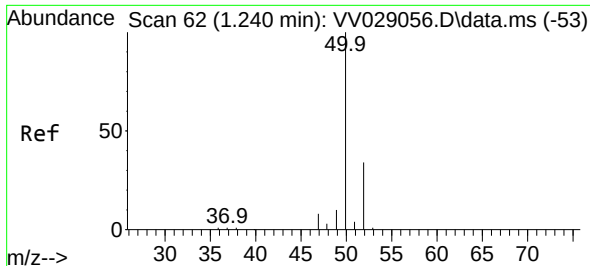
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Nov 18 01:37:41 2022  
Response via : Initial Calibration

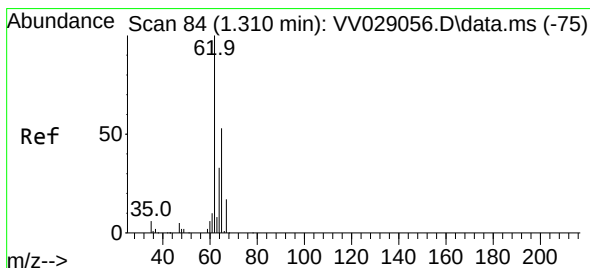
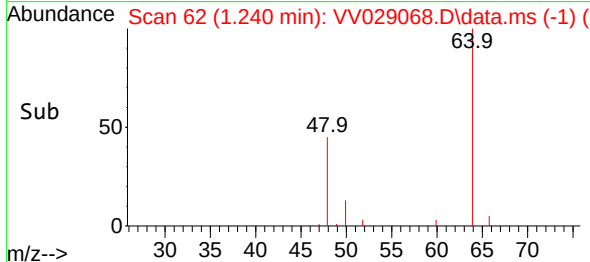
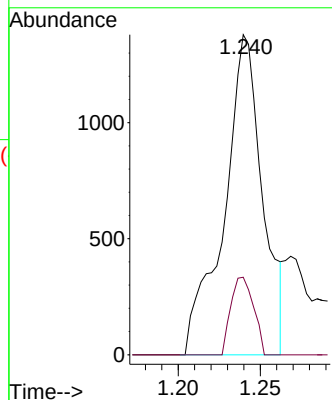
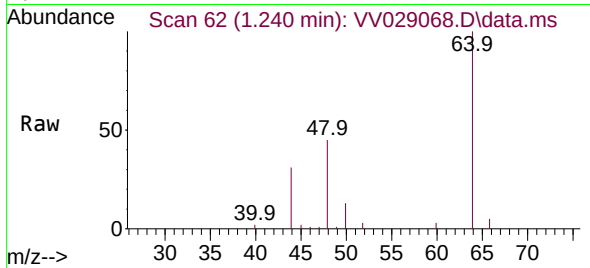




#3  
Chloromethane  
Concen: 0.122 ug/L  
RT: 1.240 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VV029068.D  
Acq: 17 Nov 2022 17:00

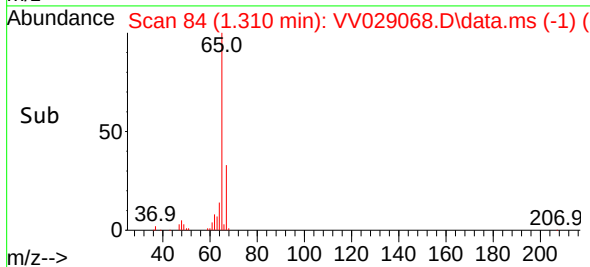
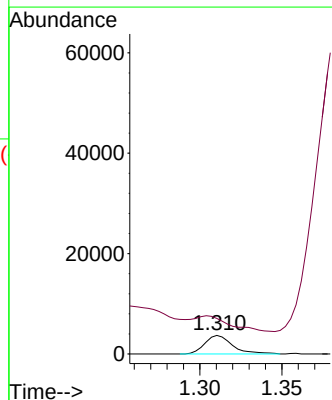
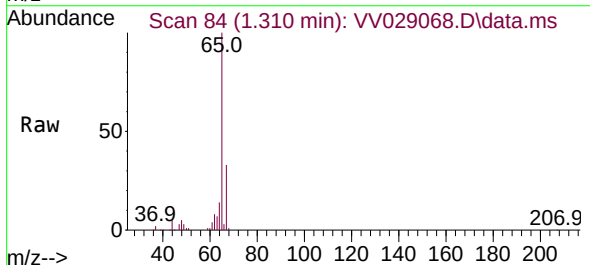
Instrument :  
MSVOA\_V  
ClientSampleId :  
COL13DL

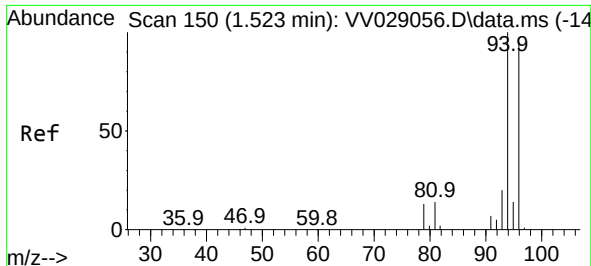
Tgt Ion: 50 Resp: 2242  
Ion Ratio Lower Upper  
50 100  
52 24.2 23.7 43.9



#5  
Vinyl chloride  
Concen: 0.207 ug/L  
RT: 1.310 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VV029068.D  
Acq: 17 Nov 2022 17:00

Tgt Ion: 62 Resp: 4324  
Ion Ratio Lower Upper  
62 100  
64 191.7 22.8 42.4#

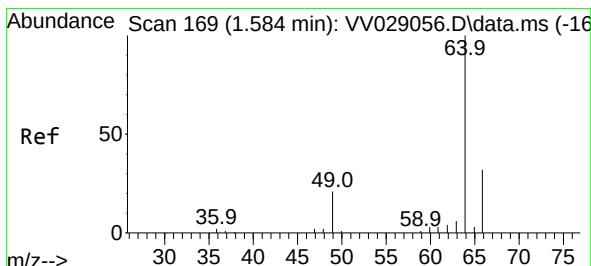
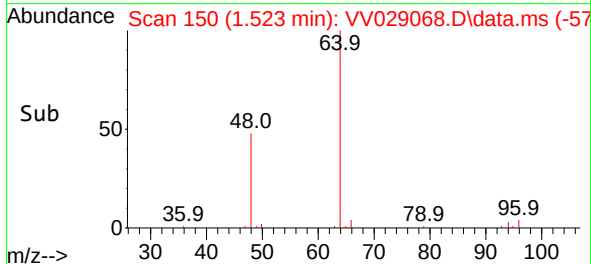
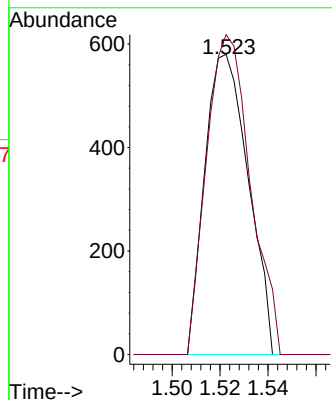
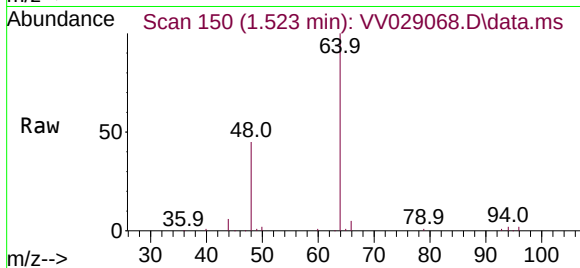




#6  
Bromomethane  
Concen: 0.058 ug/L  
RT: 1.523 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VV029068.D  
Acq: 17 Nov 2022 17:00

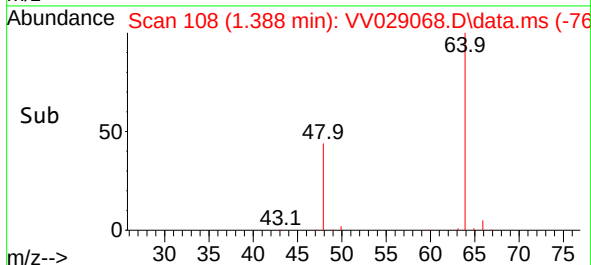
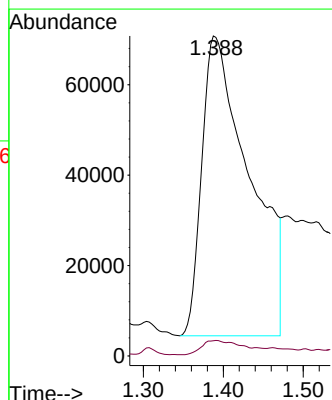
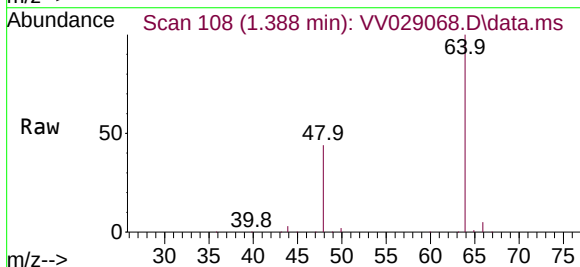
Instrument :  
MSVOA\_V  
ClientSampleId :  
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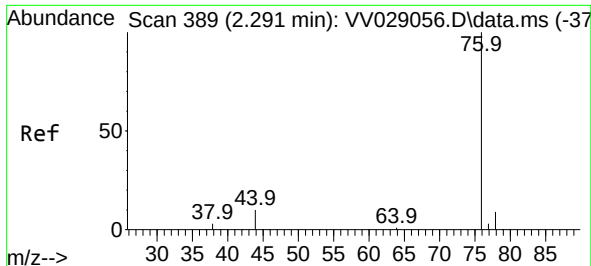
Tgt Ion: 94 Resp: 730  
Ion Ratio Lower Upper  
94 100  
96 106.6 68.5 127.3



#8  
Chloroethane  
Concen: 22.381 ug/L  
RT: 1.388 min Scan# 108  
Delta R.T. -0.196 min  
Lab File: VV029068.D  
Acq: 17 Nov 2022 17:00

Tgt Ion: 64 Resp: 274885  
Ion Ratio Lower Upper  
64 100  
66 4.8 22.0 40.8#

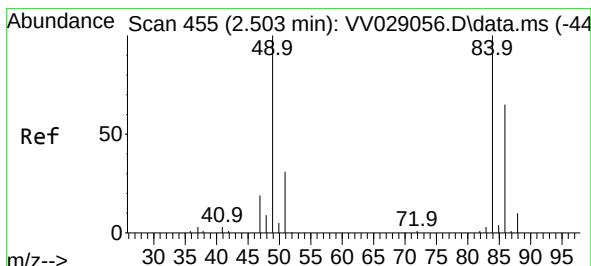
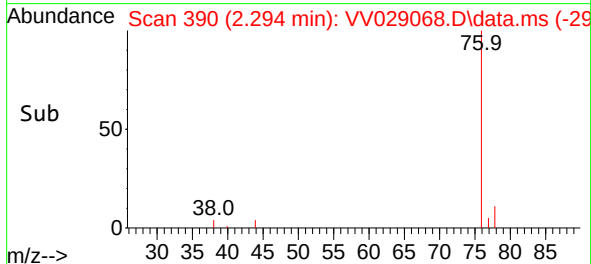
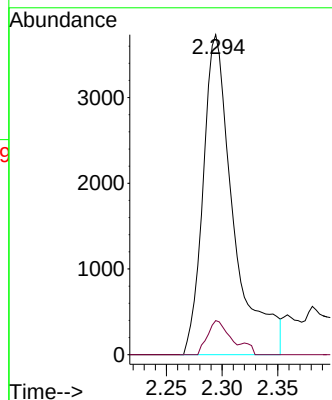
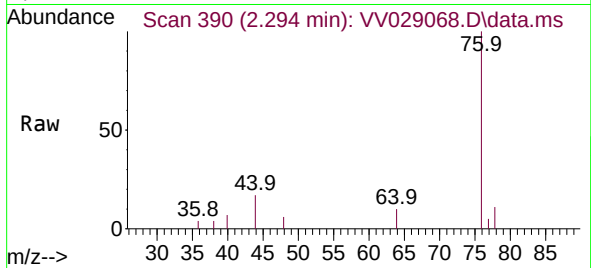




#14  
Carbon disulfide  
Concen: 0.124 ug/L  
RT: 2.294 min Scan# 390  
Delta R.T. 0.003 min  
Lab File: VV029068.D  
Acq: 17 Nov 2022 17:00

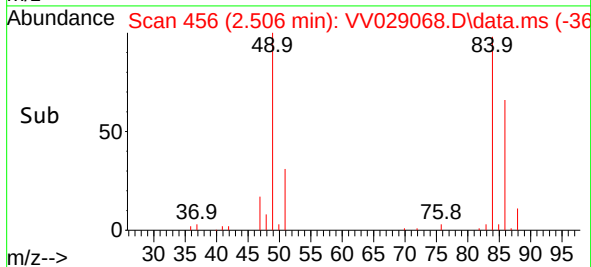
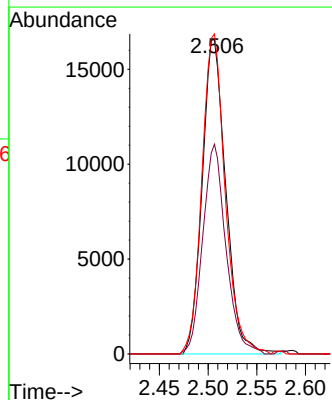
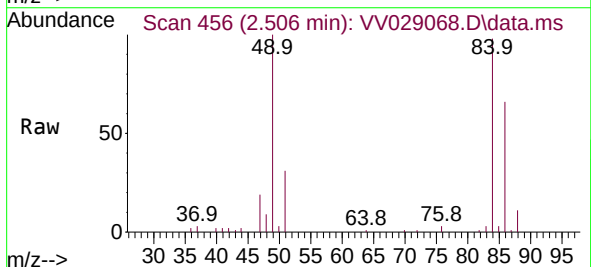
Instrument :  
MSVOA\_V  
ClientSampleId :  
COL13DL

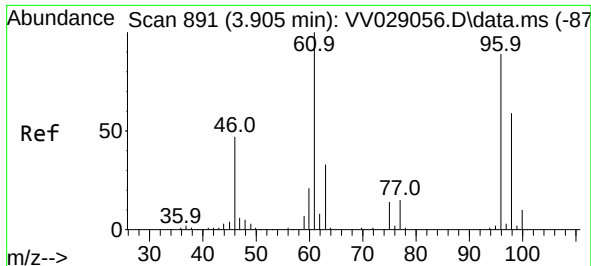
Tgt Ion: 76 Resp: 7083  
Ion Ratio Lower Upper  
76 100  
78 10.6 7.4 11.2



#16  
Methylene chloride  
Concen: 1.348 ug/L  
RT: 2.506 min Scan# 456  
Delta R.T. 0.003 min  
Lab File: VV029068.D  
Acq: 17 Nov 2022 17:00

Tgt Ion: 84 Resp: 27954  
Ion Ratio Lower Upper  
84 100  
86 66.8 45.8 85.0  
49 101.9 75.5 140.1

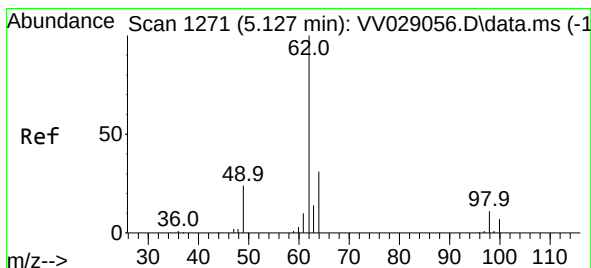
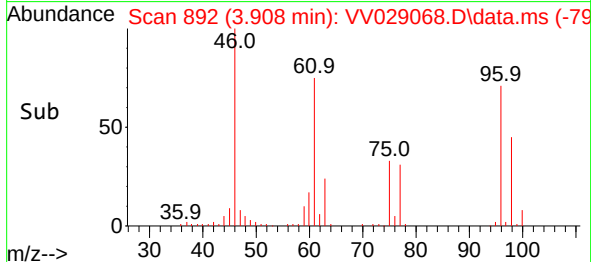
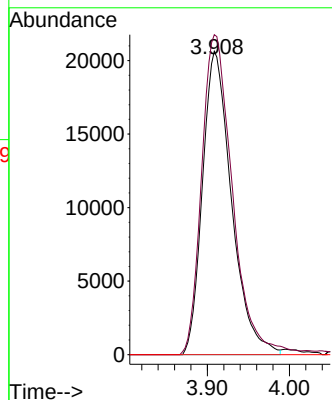
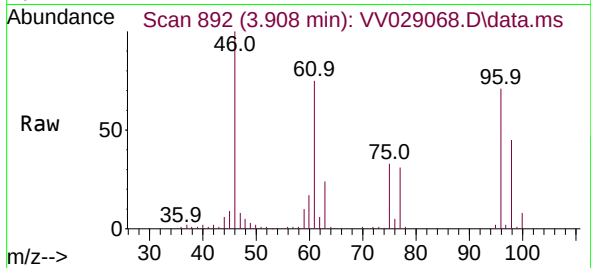




#22  
 cis-1,2-Dichloroethene  
 Concen: 2.690 ug/L  
 RT: 3.908 min Scan# 891  
 Delta R.T. 0.003 min  
 Lab File: VV029068.D  
 Acq: 17 Nov 2022 17:00

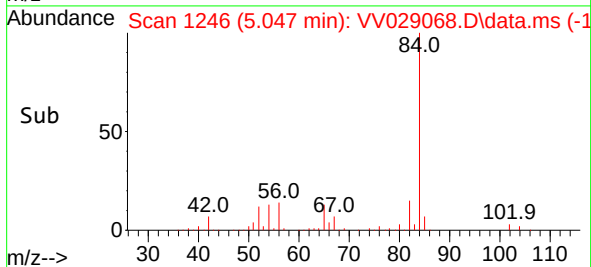
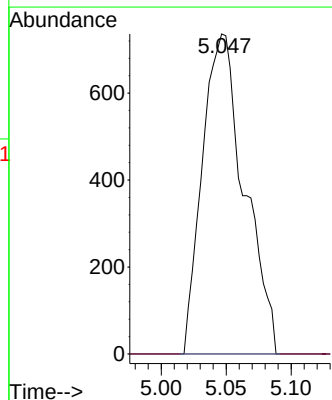
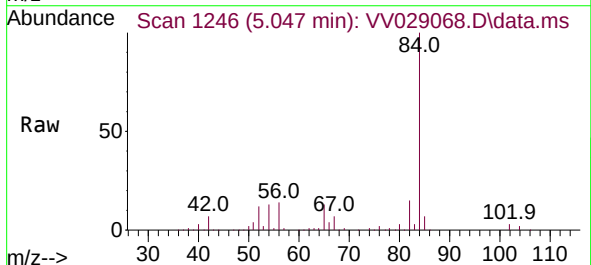
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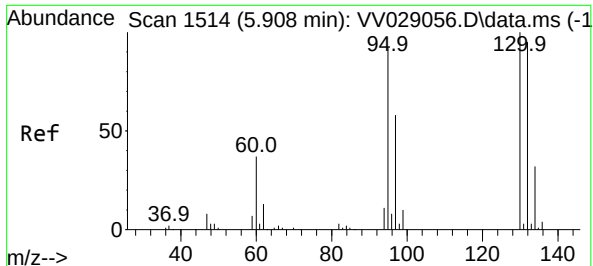
Tgt Ion: 96 Resp: 50849  
 Ion Ratio Lower Upper  
 96 100  
 61 105.5 82.3 152.9  
 68 0.0 0.0 0.0



#27  
 1,2-Dichloroethane  
 Concen: 0.101 ug/L  
 RT: 5.047 min Scan# 1246  
 Delta R.T. -0.080 min  
 Lab File: VV029068.D  
 Acq: 17 Nov 2022 17:00

Tgt Ion: 62 Resp: 1655  
 Ion Ratio Lower Upper  
 62 100  
 98 0.0 9.0 13.6#

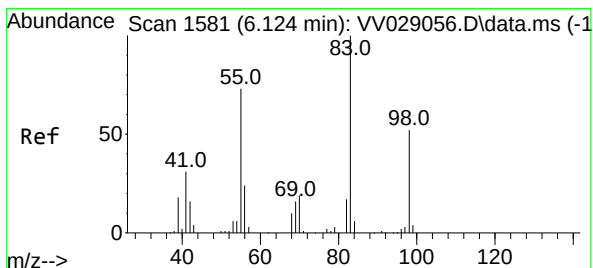
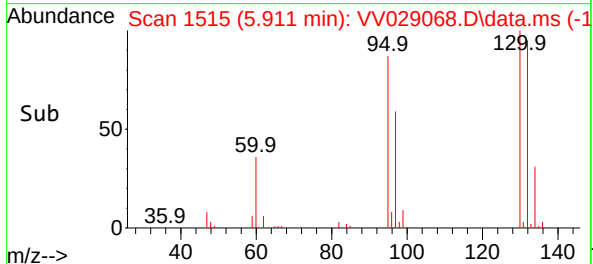
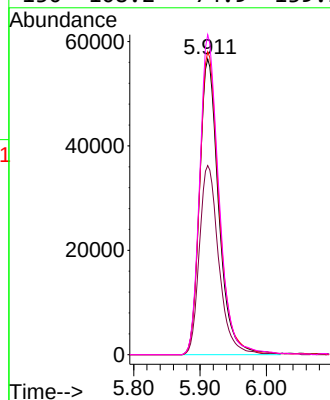
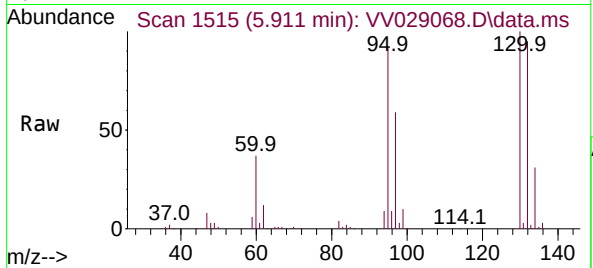




#34  
Trichloroethene  
Concen: 6.022 ug/L  
RT: 5.911 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VV029068.D  
Acq: 17 Nov 2022 17:00

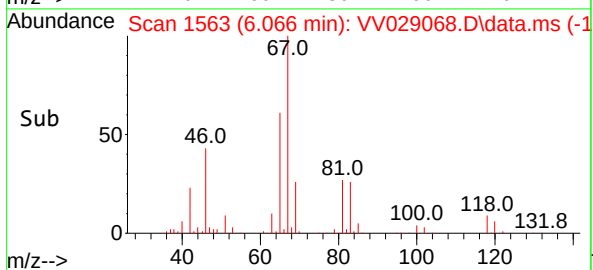
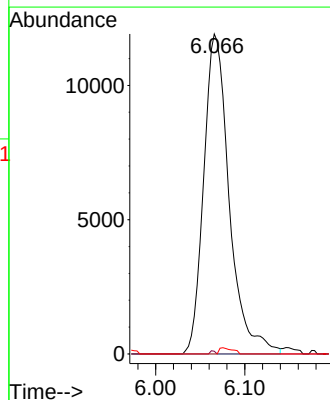
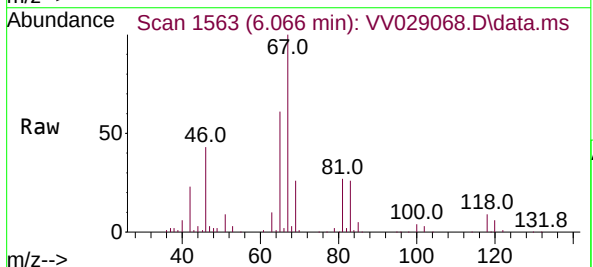
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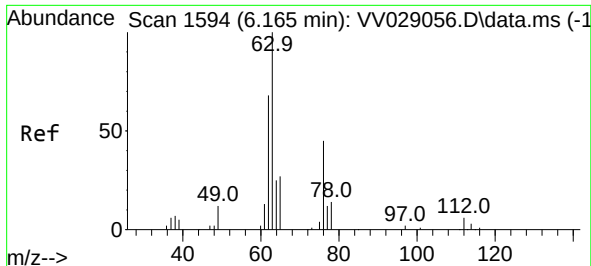
Tgt Ion: 95 Resp: 113959  
Ion Ratio Lower Upper  
95 100  
97 63.9 45.6 84.8  
132 102.4 69.1 128.3  
130 108.2 74.9 139.1



#35  
Methylcyclohexane  
Concen: 0.714 ug/L  
RT: 6.066 min Scan# 1563  
Delta R.T. -0.058 min  
Lab File: VV029068.D  
Acq: 17 Nov 2022 17:00

Tgt Ion: 83 Resp: 23742  
Ion Ratio Lower Upper  
83 100  
55 0.2 55.8 83.6#  
98 1.0 38.2 57.2#





#37

1,2-Dichloropropane

Concen: 0.575 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.096 min

Lab File: VV029068.D

Acq: 17 Nov 2022 17:00

Instrument :

MSVOA\_V

ClientSampleId :

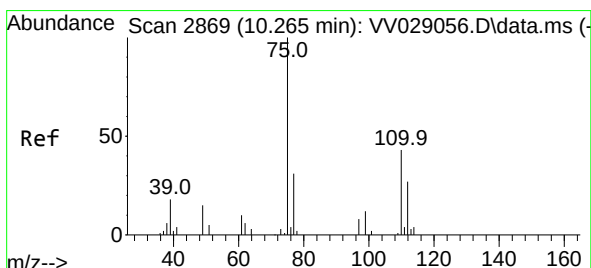
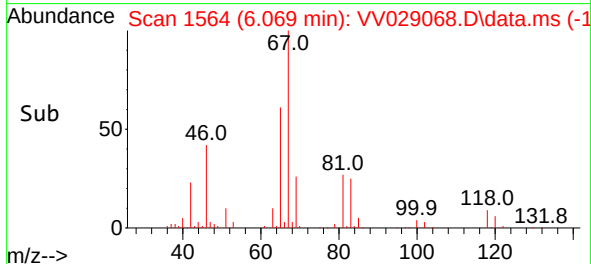
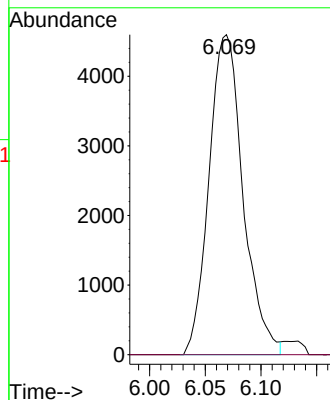
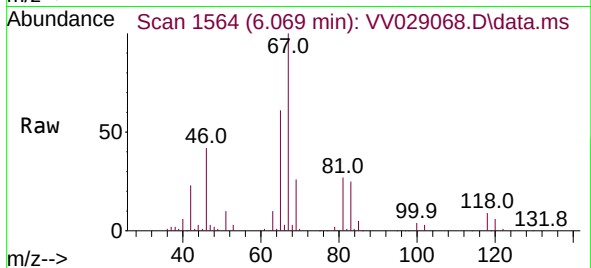
COL13DL

Tgt Ion: 63 Resp: 9795

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#61

1,2,3-Trichloropropane

Concen: 1.491 ug/L

RT: 11.242 min Scan# 3173

Delta R.T. 0.977 min

Lab File: VV029068.D

Acq: 17 Nov 2022 17:00

Tgt Ion: 75 Resp: 11696

Ion Ratio Lower Upper

75 100

77 31.0 26.2 39.2

110 1.8 32.6 48.8#

