

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV092922\  
 Data File : VV028182.D  
 Acq On : 29 Sep 2022 13:20  
 Operator : SY/MD  
 Sample : N4866-11  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EXFQ7

Quant Time: Sep 30 01:47:17 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092222WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Sep 29 01:25:35 2022  
 Response via : Initial Calibration

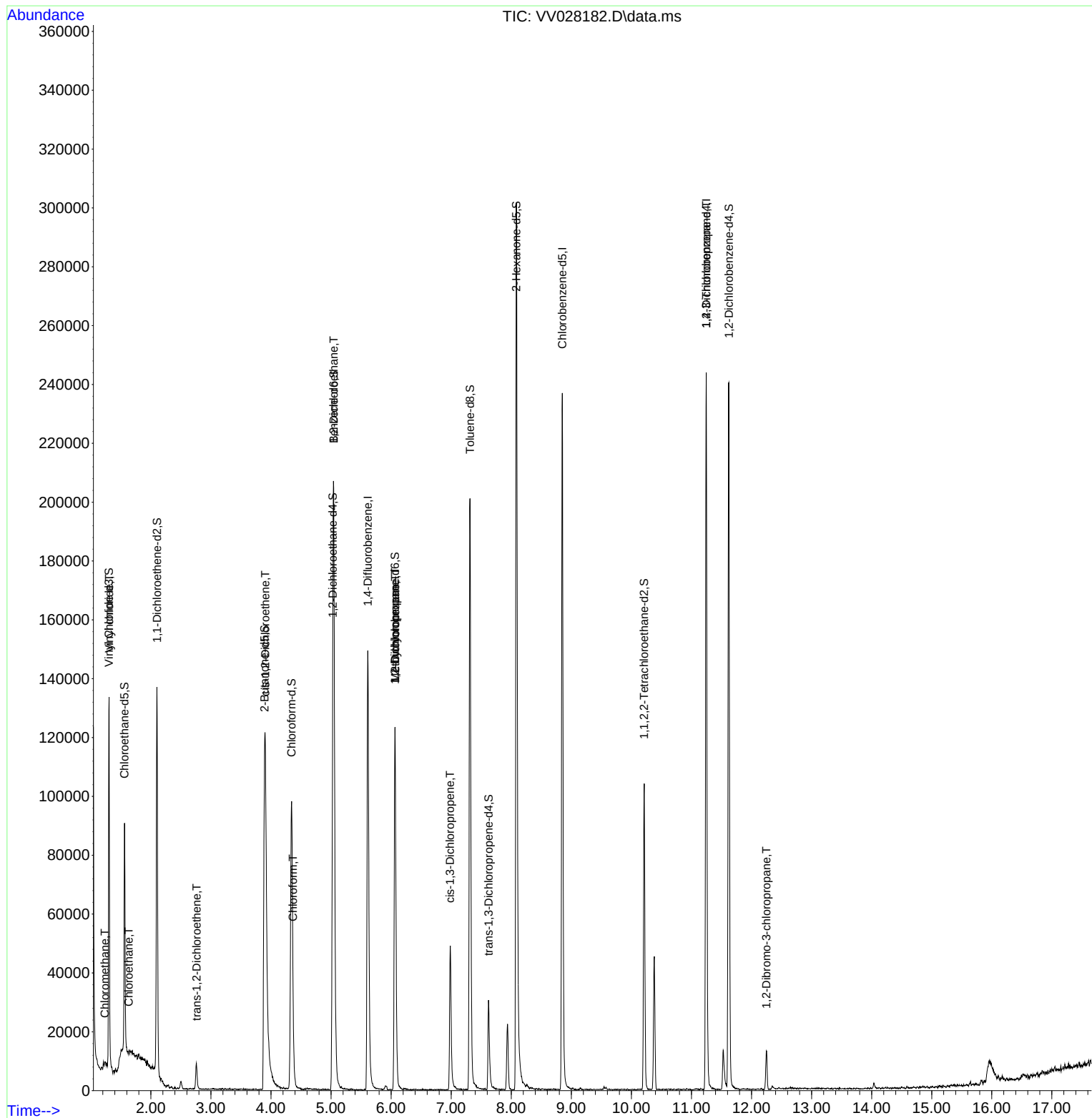
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.613  | 114   | 140553   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117   | 139294   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246 | 152   | 69545    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.301  | 65    | 48910    | 3.357    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 67.200%  |
| 7) Chloroethane-d5            | 1.561  | 69    | 50575    | 4.365    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 87.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.101  | 63    | 66758    | 2.641    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 52.800%# |
| 20) 2-Butanone-d5             | 3.892  | 46    | 149338   | 60.706   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 121.420% |
| 24) Chloroform-d              | 4.343  | 84    | 106647   | 4.587    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 91.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.027  | 65    | 52486    | 4.744    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 94.800%  |
| 32) Benzene-d6                | 5.043  | 84    | 191529   | 4.193    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 83.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.063  | 67    | 60382    | 4.241    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 84.800%  |
| 41) Toluene-d8                | 7.313  | 98    | 143779   | 3.478    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 69.600%# |
| 43) trans-1,3-Dichloroprop... | 7.622  | 79    | 18523    | 3.601    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 72.000%  |
| 46) 2-Hexanone-d5             | 8.085  | 63    | 112501   | 52.408   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 104.820% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84    | 50652    | 5.204    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 104.000% |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 68048    | 4.989    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 99.800%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 3) Chloromethane              | 1.233  | 50    | 1047     | 0.075    | ug/L   | 100      |
| 5) Vinyl chloride             | 1.304  | 62    | 35299    | 3.239    | ug/L   | 98       |
| 8) Chloroethane               | 1.632  | 64    | 808      | 0.111    | ug/L # | 49       |
| 18) trans-1,2-Dichloroethene  | 2.761  | 96    | 3535     | 0.416    | ug/L   | 87       |
| 22) cis-1,2-Dichloroethene    | 3.905  | 96    | 38541    | 3.454    | ug/L   | 87       |
| 25) Chloroform                | 4.365  | 83    | 2536     | 0.127    | ug/L   | 97       |
| 27) 1,2-Dichloroethane        | 5.043  | 62    | 680      | 0.064    | ug/L # | 45       |
| 35) Methylcyclohexane         | 6.066  | 83    | 15909    | 1.205    | ug/L # | 16       |
| 37) 1,2-Dichloropropane       | 6.066  | 63    | 6658     | 0.614    | ug/L # | 87       |
| 39) cis-1,3-Dichloropropene   | 6.982  | 75    | 1061     | 0.079    | ug/L # | 66       |
| 61) 1,2,3-Trichloropropane    | 11.246 | 75    | 6296     | 1.079    | ug/L # | 64       |
| 68) 1,2-Dibromo-3-chloropr... | 12.246 | 75    | 375      | 0.293    | ug/L # | 1        |
| -----                         |        |       |          |          |        |          |

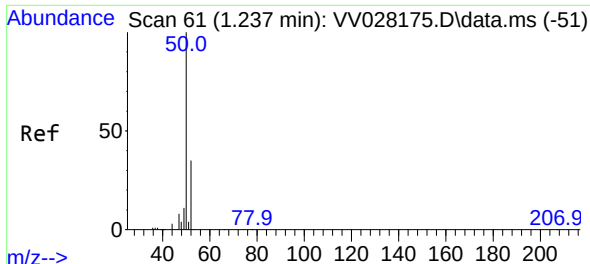
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV092922\  
Data File : VV028182.D  
Acq On : 29 Sep 2022 13:20  
Operator : SY/MD  
Sample : N4866-11  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
EXFQ7

Quant Time: Sep 30 01:47:17 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092222WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Sep 29 01:25:35 2022  
Response via : Initial Calibration

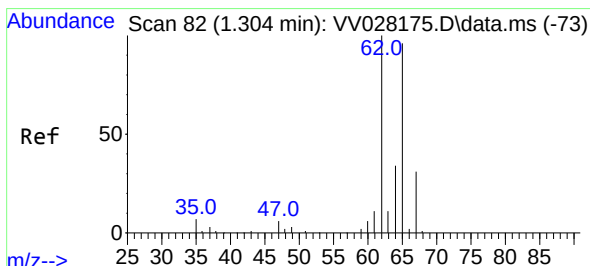
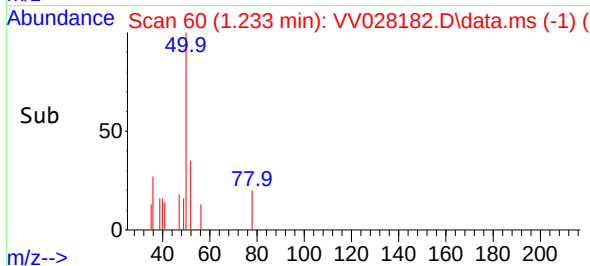
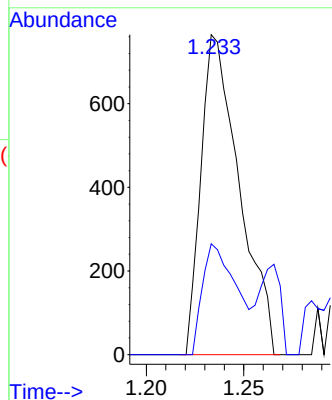
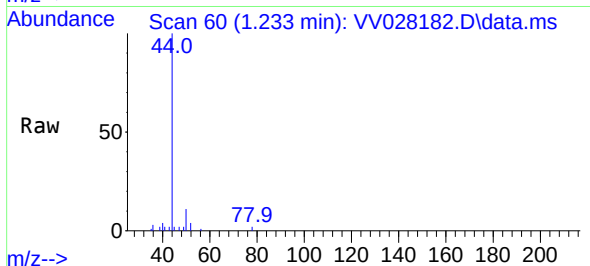




#3  
Chloromethane  
Concen: 0.075 ug/L  
RT: 1.233 min Scan# 61  
Delta R.T. -0.003 min  
Lab File: VV028182.D  
Acq: 29 Sep 2022 13:20

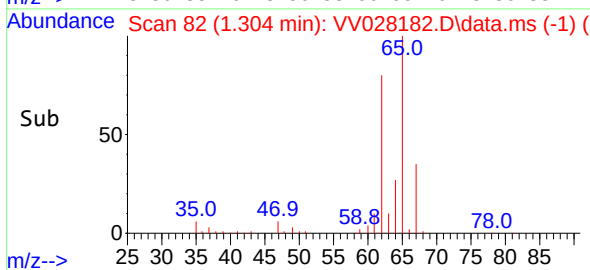
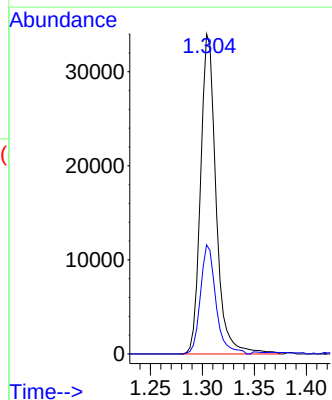
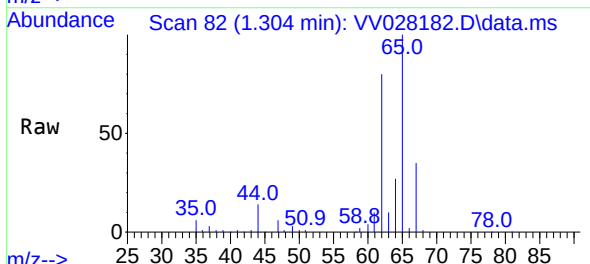
Instrument :  
MSVOA\_V  
ClientSampleId :  
EXFQ7

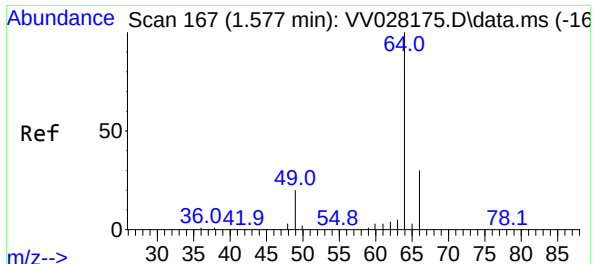
Tgt Ion: 50 Resp: 1047  
Ion Ratio Lower Upper  
50 100  
52 34.6 24.4 45.2



#5  
Vinyl chloride  
Concen: 3.239 ug/L  
RT: 1.304 min Scan# 82  
Delta R.T. -0.000 min  
Lab File: VV028182.D  
Acq: 29 Sep 2022 13:20

Tgt Ion: 62 Resp: 35299  
Ion Ratio Lower Upper  
62 100  
64 34.1 23.0 42.8

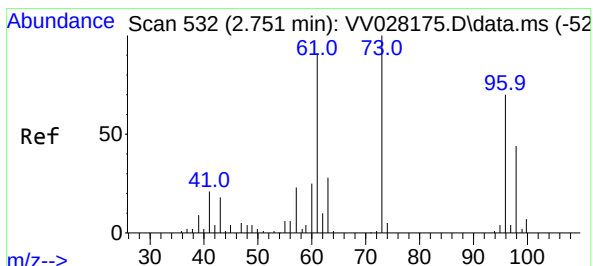
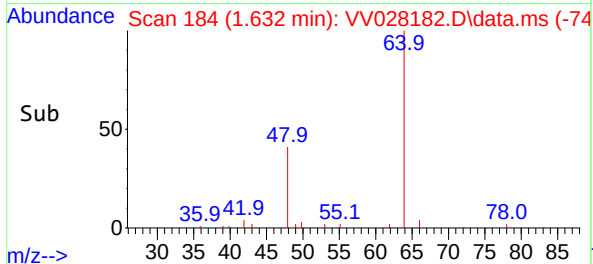
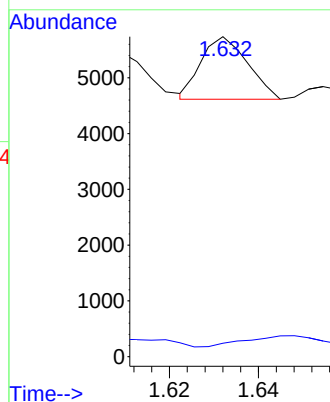
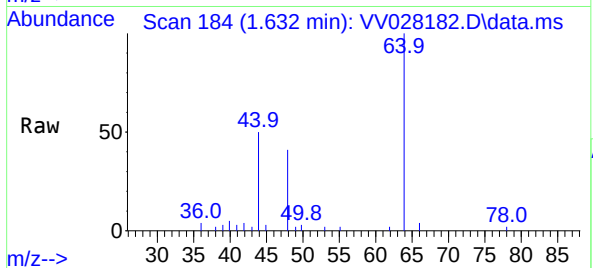




#8  
Chloroethane  
Concen: 0.111 ug/L  
RT: 1.632 min Scan# 11  
Delta R.T. 0.055 min  
Lab File: VV028182.D  
Acq: 29 Sep 2022 13:20

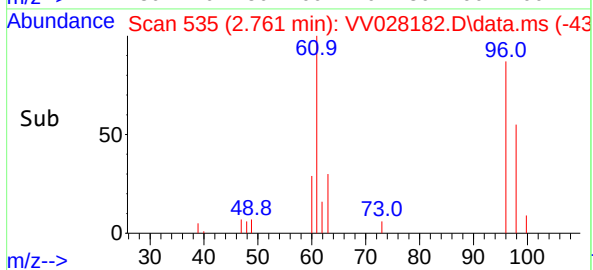
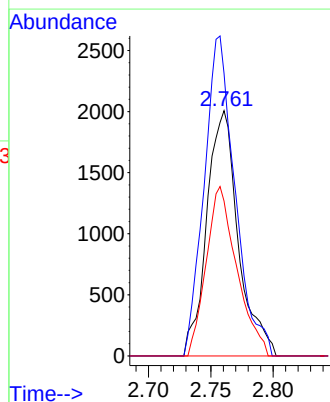
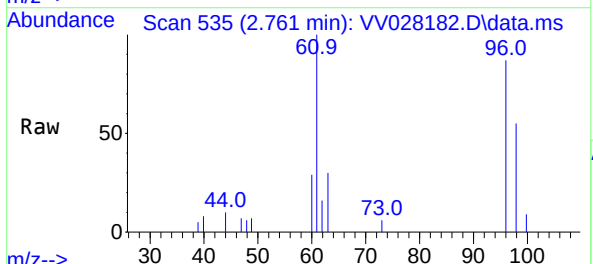
Instrument :  
MSVOA\_V  
ClientSampleId :  
EXFQ7

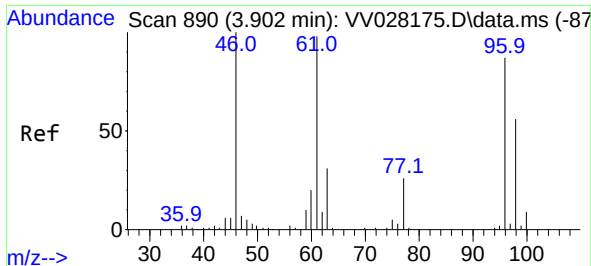
Tgt Ion: 64 Resp: 808  
Ion Ratio Lower Upper  
64 100  
66 4.2 23.0 42.8#



#18  
trans-1,2-Dichloroethene  
Concen: 0.416 ug/L  
RT: 2.761 min Scan# 535  
Delta R.T. 0.010 min  
Lab File: VV028182.D  
Acq: 29 Sep 2022 13:20

Tgt Ion: 96 Resp: 3535  
Ion Ratio Lower Upper  
96 100  
61 115.2 96.2 178.6  
98 63.1 45.7 84.9

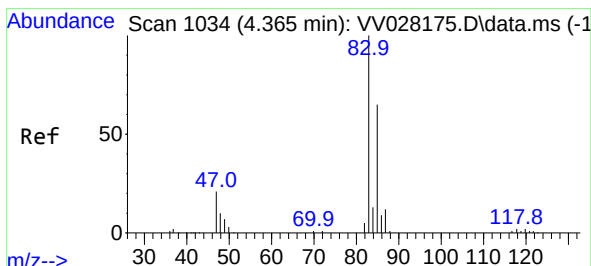
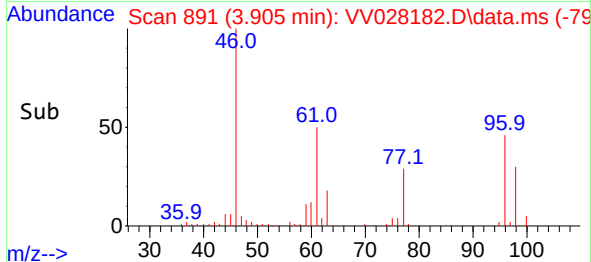
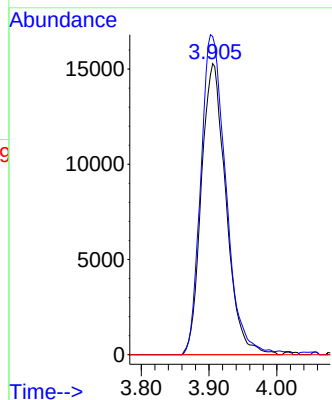
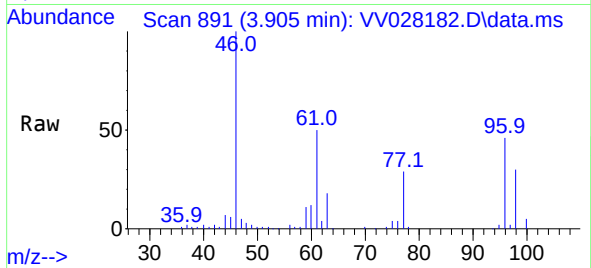




#22  
cis-1,2-Dichloroethene  
Concen: 3.454 ug/L  
RT: 3.905 min Scan# 891  
Delta R.T. 0.006 min  
Lab File: VV028182.D  
Acq: 29 Sep 2022 13:20

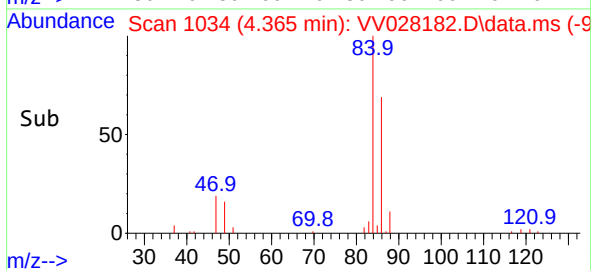
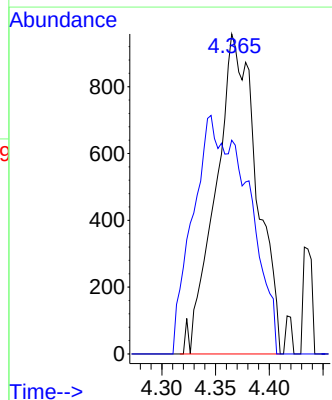
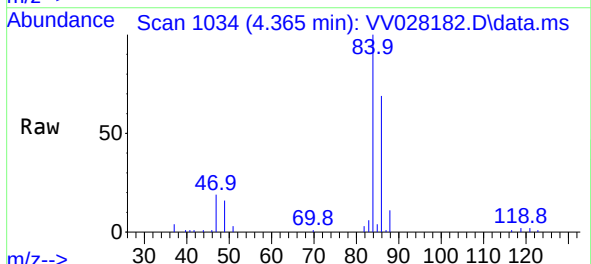
Instrument :  
MSVOA\_V  
ClientSampleId :  
EXFQ7

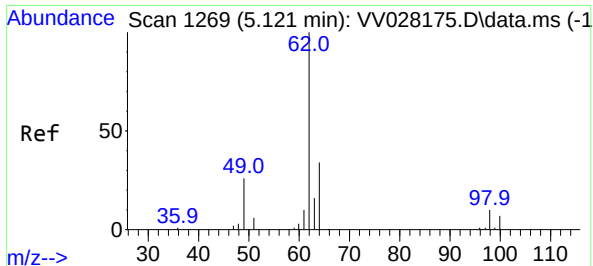
Tgt Ion: 96 Resp: 38541  
Ion Ratio Lower Upper  
96 100  
61 109.3 87.2 161.9  
68 0.0 0.0 0.0



#25  
Chloroform  
Concen: 0.127 ug/L  
RT: 4.365 min Scan# 1034  
Delta R.T. 0.003 min  
Lab File: VV028182.D  
Acq: 29 Sep 2022 13:20

Tgt Ion: 83 Resp: 2536  
Ion Ratio Lower Upper  
83 100  
85 66.8 45.1 83.7

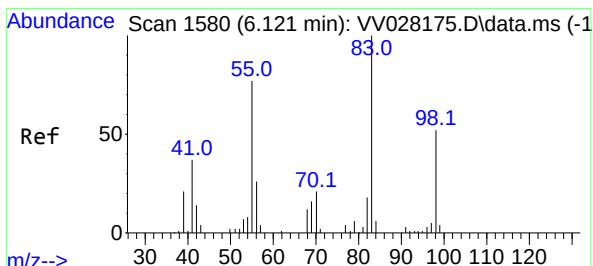
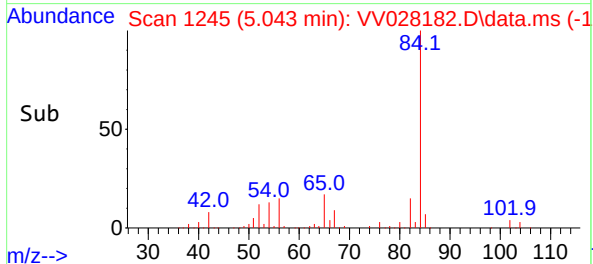
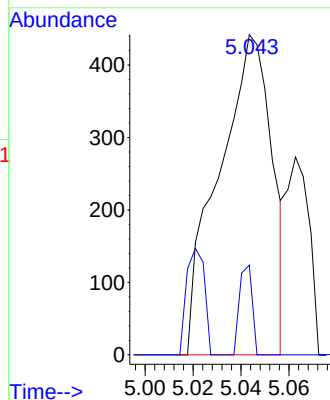
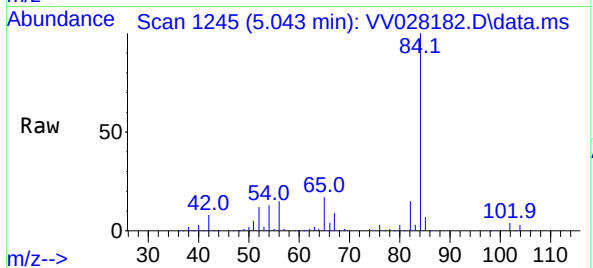




#27  
1,2-Dichloroethane  
Concen: 0.064 ug/L  
RT: 5.043 min Scan# 11  
Delta R.T. -0.080 min  
Lab File: VV028182.D  
Acq: 29 Sep 2022 13:20

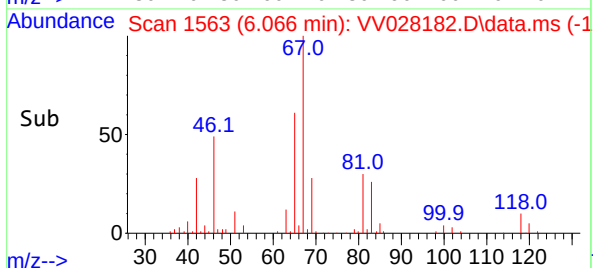
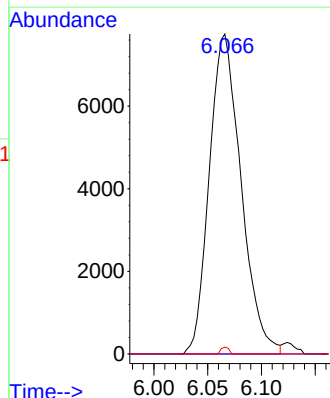
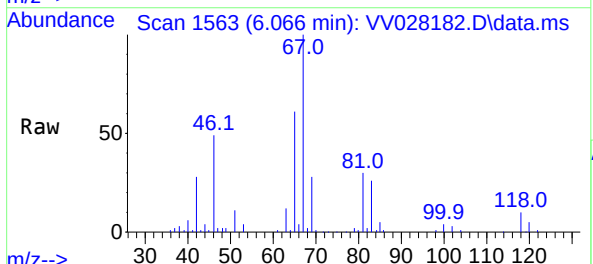
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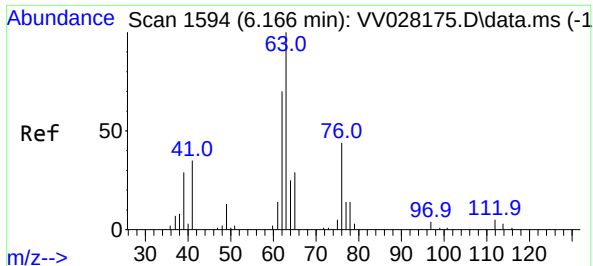
Tgt Ion: 62 Resp: 680  
Ion Ratio Lower Upper  
62 100  
98 28.1 6.7 10.1#



#35  
Methylcyclohexane  
Concen: 1.205 ug/L  
RT: 6.066 min Scan# 1563  
Delta R.T. -0.055 min  
Lab File: VV028182.D  
Acq: 29 Sep 2022 13:20

Tgt Ion: 83 Resp: 15909  
Ion Ratio Lower Upper  
83 100  
55 0.0 64.7 97.1#  
98 0.5 39.5 59.3#

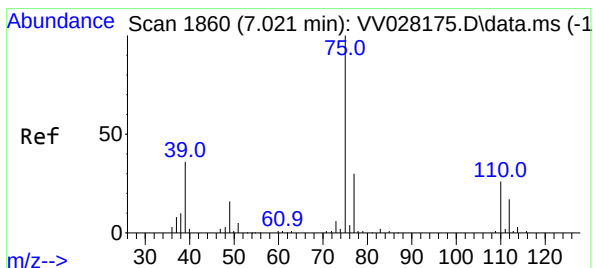
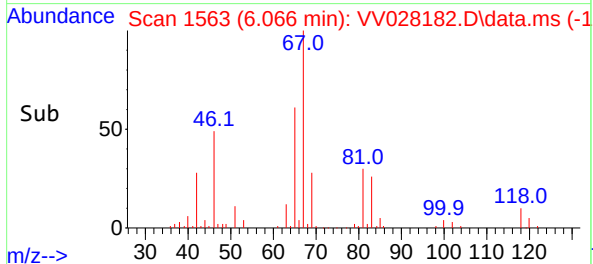
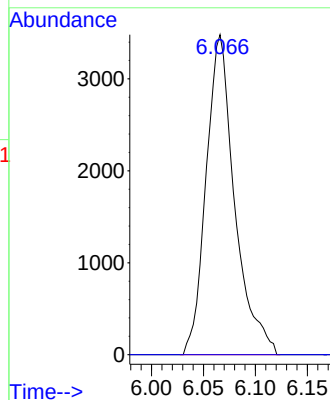
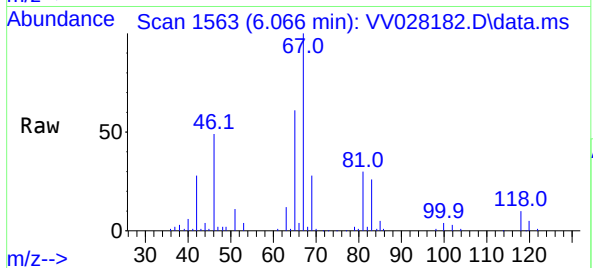




#37  
1,2-Dichloropropane  
Concen: 0.614 ug/L  
RT: 6.066 min Scan# 11  
Delta R.T. -0.100 min  
Lab File: VV028182.D  
Acq: 29 Sep 2022 13:20

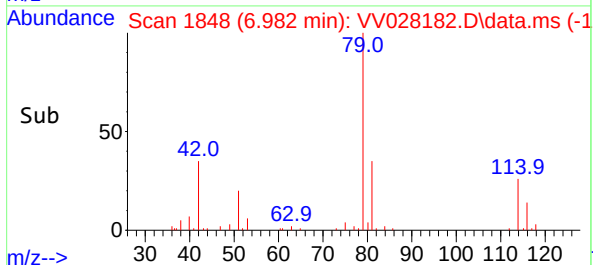
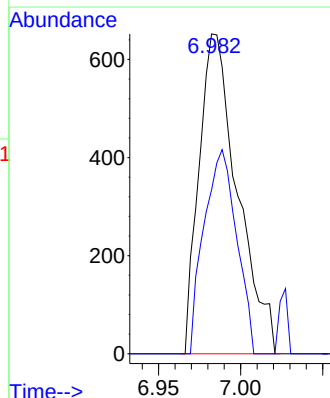
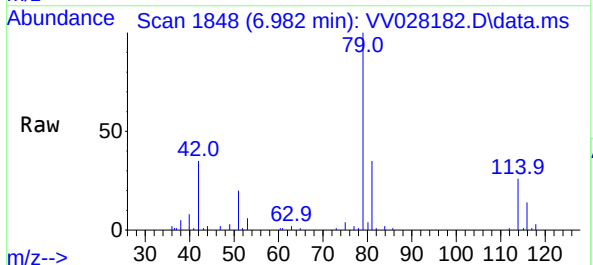
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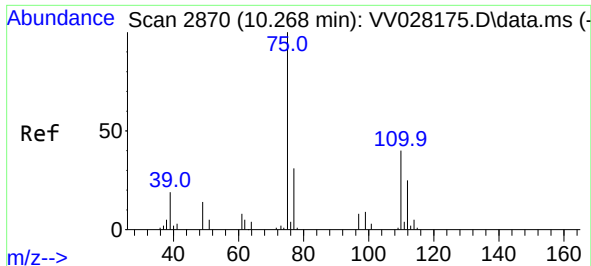
Tgt Ion: 63 Resp: 6658  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.5 5.3#



#39  
cis-1,3-Dichloropropene  
Concen: 0.079 ug/L  
RT: 6.982 min Scan# 1848  
Delta R.T. -0.039 min  
Lab File: VV028182.D  
Acq: 29 Sep 2022 13:20

Tgt Ion: 75 Resp: 1061  
Ion Ratio Lower Upper  
75 100  
77 51.2 22.4 41.6#





#61

1,2,3-Trichloropropane

Concen: 1.079 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.977 min

Lab File: VV028182.D

Acq: 29 Sep 2022 13:20

Instrument :

MSVOA\_V

ClientSampleId :

EXFQ7

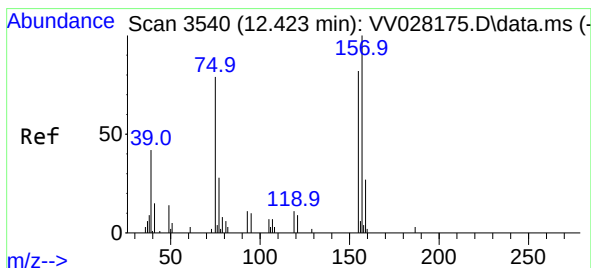
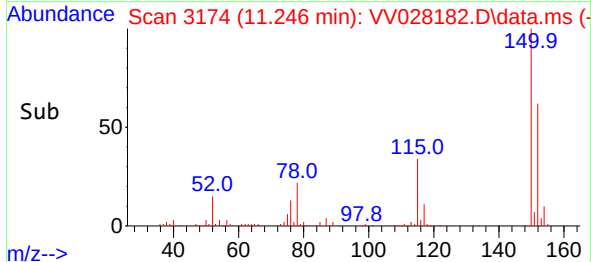
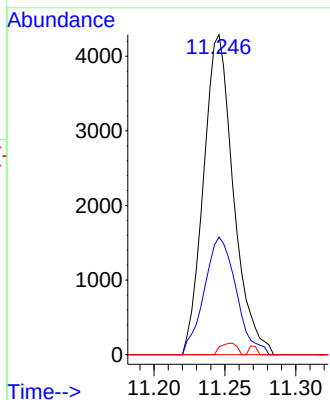
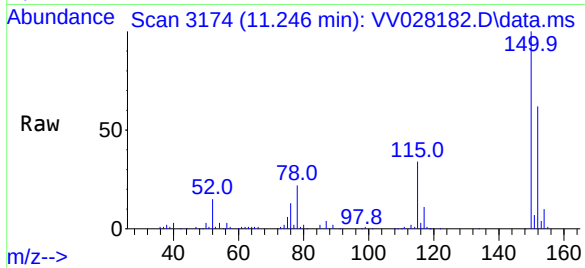
Tgt Ion: 75 Resp: 6296

Ion Ratio Lower Upper

75 100

77 39.3 26.7 40.1

110 2.0 30.1 45.1#



#68

1,2-Dibromo-3-chloropropane

Concen: 0.293 ug/L

RT: 12.246 min Scan# 3485

Delta R.T. -0.177 min

Lab File: VV028182.D

Acq: 29 Sep 2022 13:20

Tgt Ion: 75 Resp: 375

Ion Ratio Lower Upper

75 100

155 0.0 73.6 110.4#

157 0.0 90.7 136.1#

