

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV083122\  
 Data File : VV027659.D  
 Acq On : 01 Sep 2022 10:39  
 Operator : SY/MD  
 Sample : N4400-13  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Sep 01 23:15:56 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR083122WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Sep 01 07:36:37 2022  
 Response via : Initial Calibration

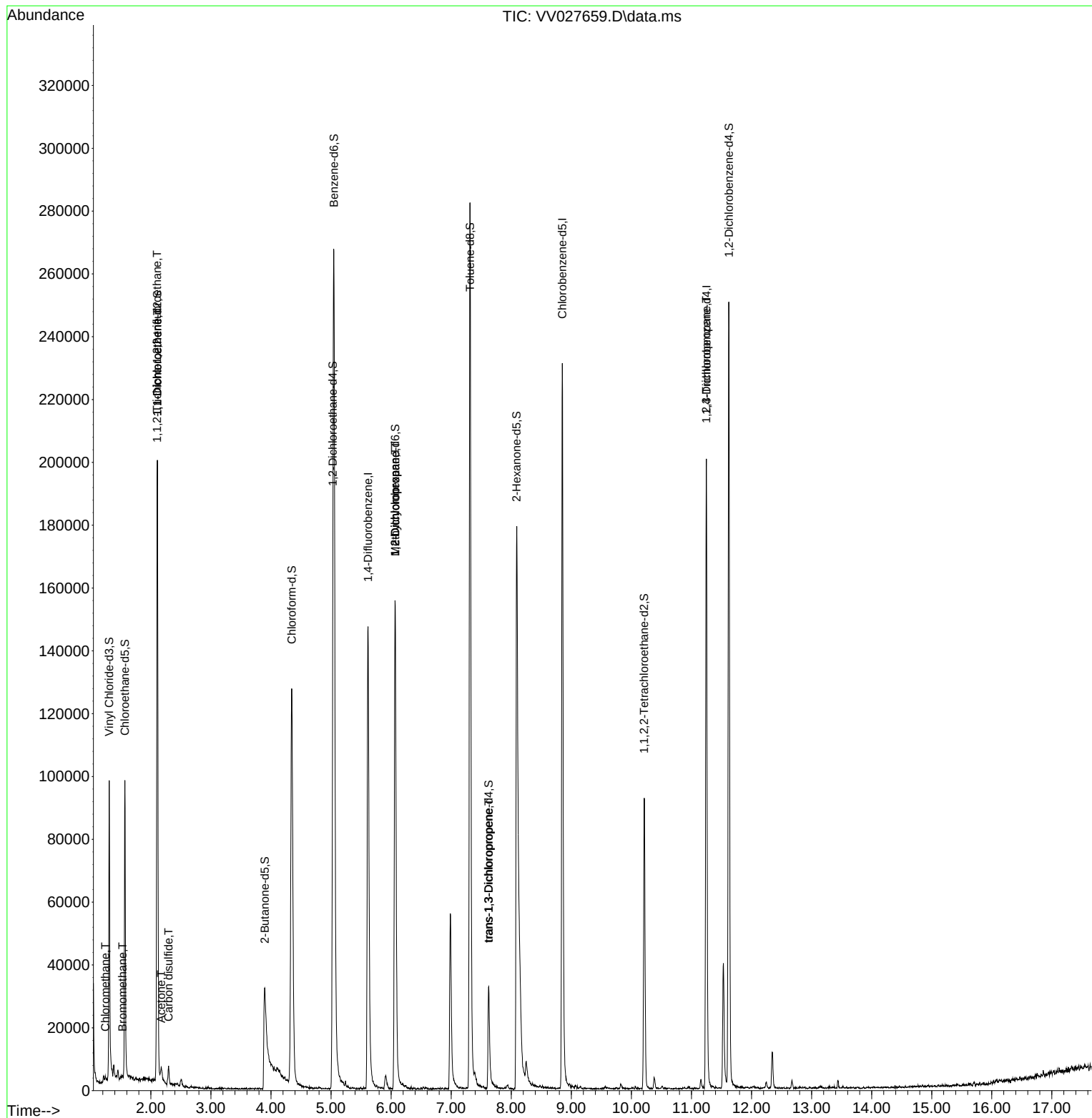
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.616  | 114            | 126734   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117            | 126132   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152            | 53792    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65             | 67428    | 4.897  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 98.000%  |          |
| 7) Chloroethane-d5            | 1.568  | 69             | 60457    | 5.248  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 105.000% |          |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63             | 105089   | 3.900  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 78.000%  |          |
| 20) 2-Butanone-d5             | 3.895  | 46             | 73645    | 31.637 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 63.280%  |          |
| 24) Chloroform-d              | 4.346  | 84             | 133090   | 4.815  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 96.400%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.030  | 65             | 59610    | 4.814  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 96.200%  |          |
| 32) Benzene-d6                | 5.047  | 84             | 247555   | 4.791  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 95.800%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67             | 75516    | 4.725  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 94.600%  |          |
| 41) Toluene-d8                | 7.313  | 98             | 194384   | 4.345  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 86.800%  |          |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79             | 19987    | 4.060  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 81.200%  |          |
| 46) 2-Hexanone-d5             | 8.088  | 63             | 78639    | 42.476 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 84.960%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84             | 43767    | 4.256  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 85.200%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152            | 63644    | 5.285  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 105.600% |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 3) Chloromethane              | 1.243  | 50             | 739      | 0.045  | ug/L #   | 77       |
| 6) Bromomethane               | 1.526  | 94             | 635      | 0.086  | ug/L     | 77       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.105  | 101            | 1012     | 0.088  | ug/L #   | 19       |
| 12) 1,1-Dichloroethene        | 2.108  | 96             | 906      | 0.086  | ug/L #   | 1        |
| 13) Acetone                   | 2.172  | 43             | 6591     | 4.184  | ug/L     | 72       |
| 14) Carbon disulfide          | 2.294  | 76             | 5926     | 0.177  | ug/L     | 99       |
| 35) Methylcyclohexane         | 6.066  | 83             | 17745    | 0.946  | ug/L #   | 17       |
| 37) 1,2-Dichloropropane       | 6.066  | 63             | 8615     | 0.693  | ug/L #   | 89       |
| 44) trans-1,3-Dichloropropene | 7.622  | 75             | 922      | 0.075  | ug/L     | 98       |
| 61) 1,2,3-Trichloropropane    | 11.246 | 75             | 6657     | 1.223  | ug/L #   | 67       |
| -----                         |        |                |          |        |          |          |

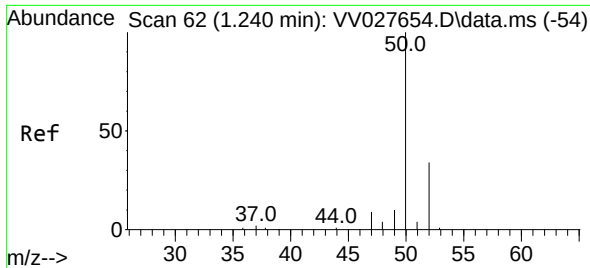
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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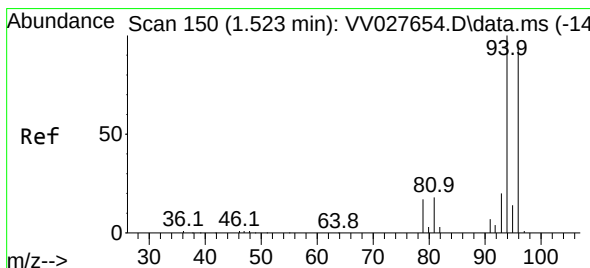
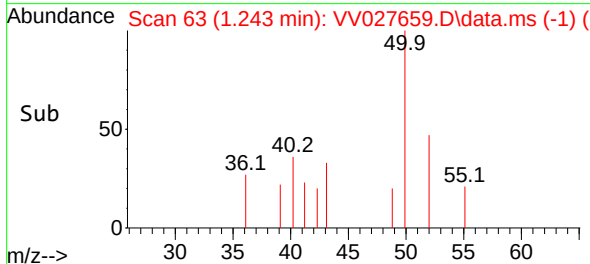
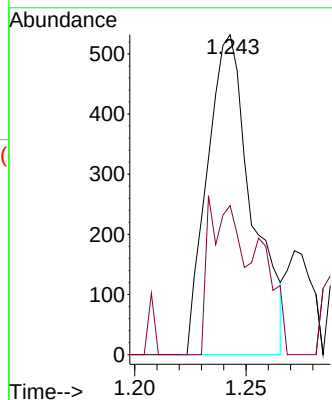
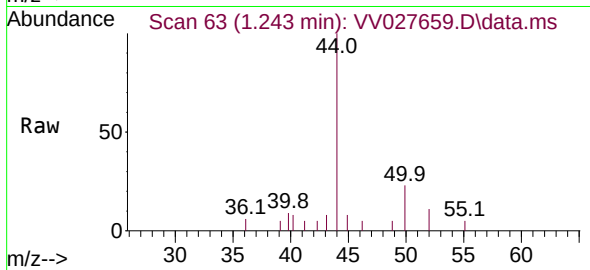




#3  
Chloromethane  
Concen: 0.045 ug/L  
RT: 1.243 min Scan# 61  
Delta R.T. 0.003 min  
Lab File: VV027659.D  
Acq: 01 Sep 2022 10:39

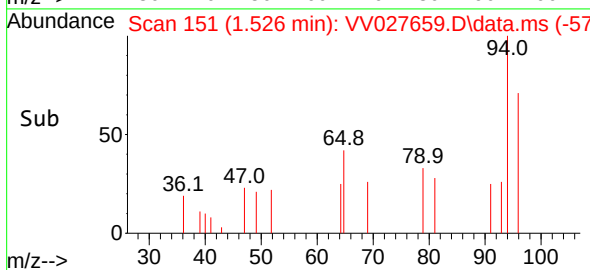
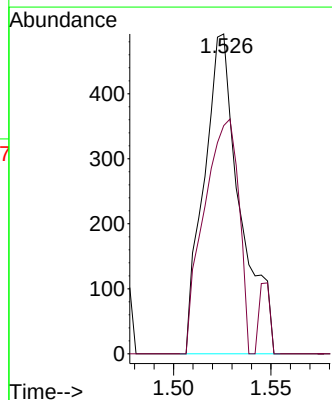
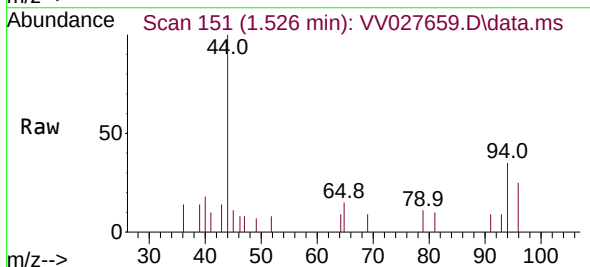
Instrument :  
MSVOA\_V  
ClientSampleId :

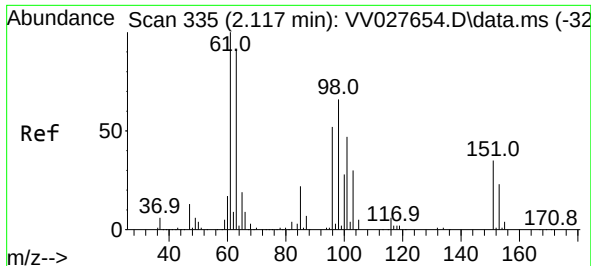
Tgt Ion: 50 Resp: 739  
Ion Ratio Lower Upper  
50 100  
52 46.6 23.5 43.7#



#6  
Bromomethane  
Concen: 0.086 ug/L  
RT: 1.526 min Scan# 151  
Delta R.T. 0.003 min  
Lab File: VV027659.D  
Acq: 01 Sep 2022 10:39

Tgt Ion: 94 Resp: 635  
Ion Ratio Lower Upper  
94 100  
96 71.3 65.1 120.9

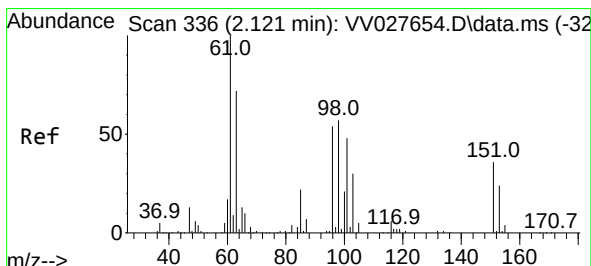
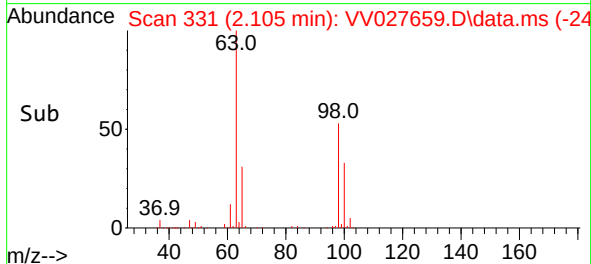
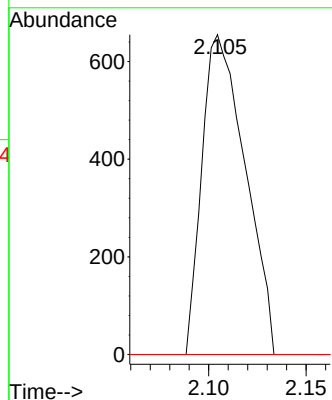
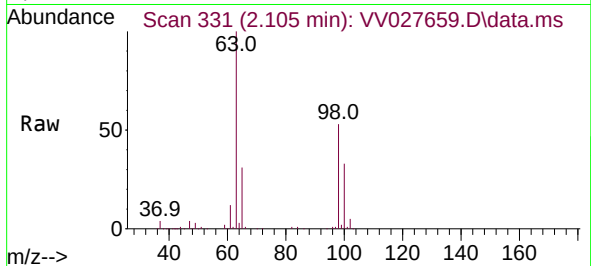




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.088 ug/L  
RT: 2.105 min Scan# 311  
Delta R.T. -0.013 min  
Lab File: VV027659.D  
Acq: 01 Sep 2022 10:39

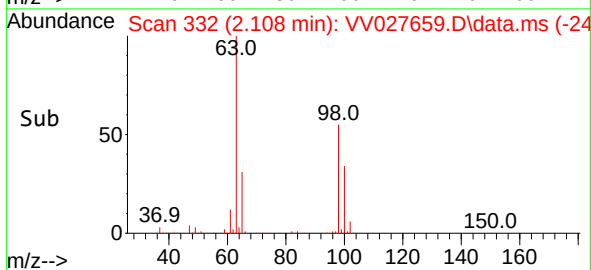
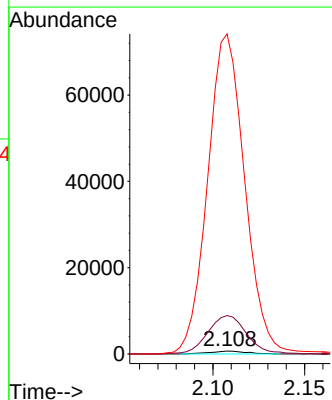
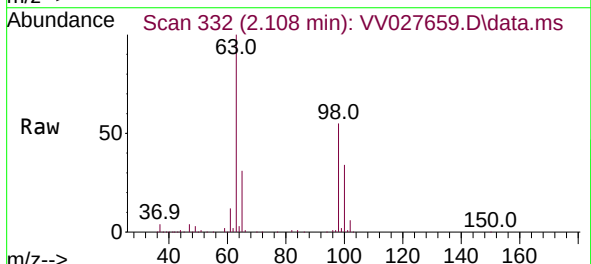
Instrument :  
MSVOA\_V  
ClientSampleId :

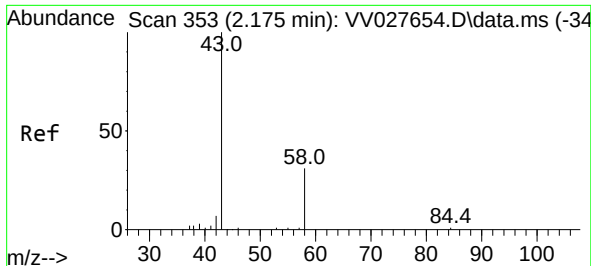
Tgt Ion:101 Resp: 1012  
Ion Ratio Lower Upper  
101 100  
85 0.0 36.7 55.1#  
151 0.0 60.9 91.3#



#12  
1,1-Dichloroethene  
Concen: 0.086 ug/L  
RT: 2.108 min Scan# 332  
Delta R.T. -0.013 min  
Lab File: VV027659.D  
Acq: 01 Sep 2022 10:39

Tgt Ion: 96 Resp: 906  
Ion Ratio Lower Upper  
96 100  
61 1368.7 134.3 249.3#  
63 11392.9 105.7 196.3#





#13

Acetone

Concen: 4.184 ug/L

RT: 2.172 min Scan# 3

Delta R.T. -0.003 min

Lab File: VV027659.D

Acq: 01 Sep 2022 10:39

Instrument :

MSVOA\_V

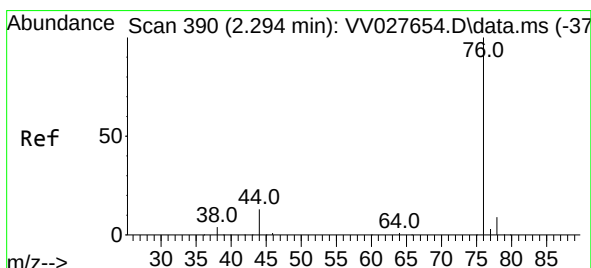
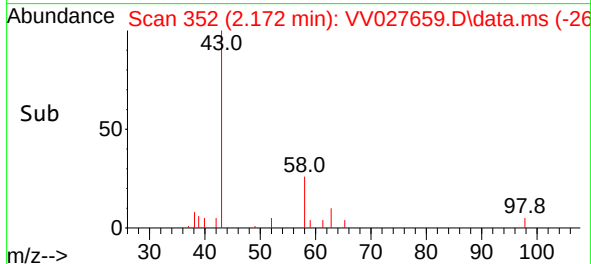
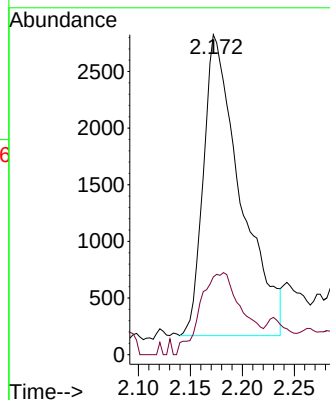
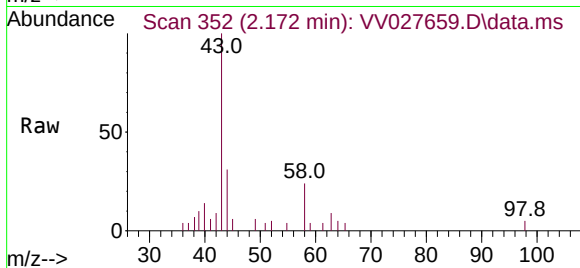
ClientSampleId :

Tgt Ion: 43 Resp: 6591

Ion Ratio Lower Upper

43 100

58 31.6 0.0 38.4



#14

Carbon disulfide

Concen: 0.177 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.000 min

Lab File: VV027659.D

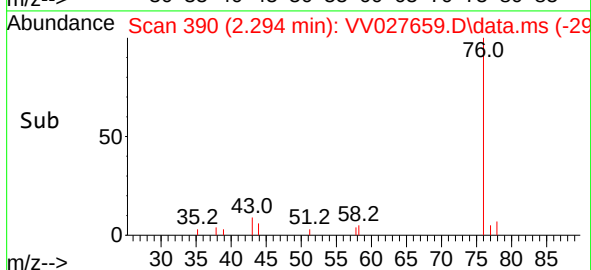
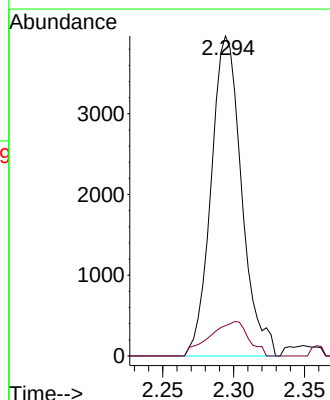
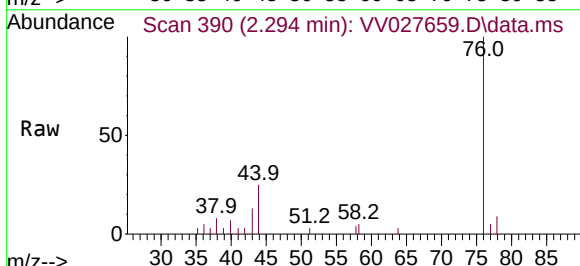
Acq: 01 Sep 2022 10:39

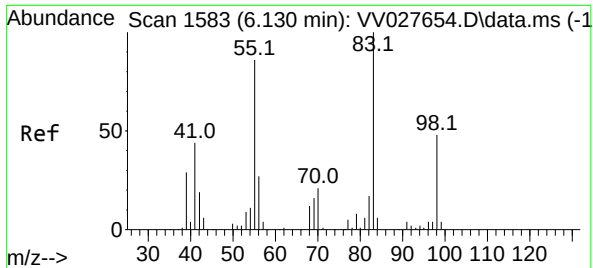
Tgt Ion: 76 Resp: 5926

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0

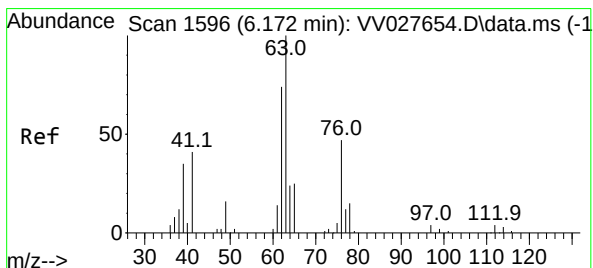
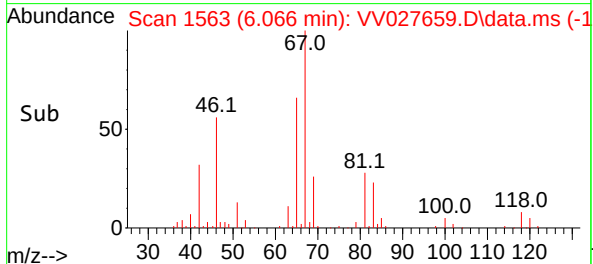
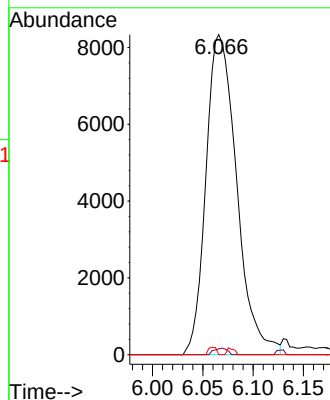
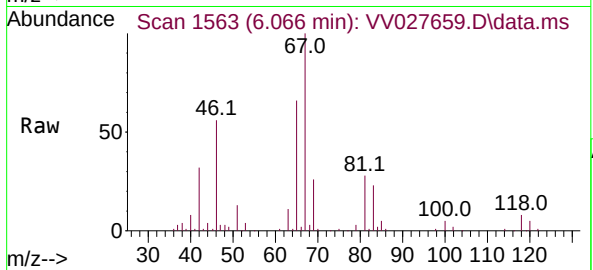




#35  
Methylcyclohexane  
Concen: 0.946 ug/L  
RT: 6.066 min Scan# 1563  
Delta R.T. -0.064 min  
Lab File: VV027659.D  
Acq: 01 Sep 2022 10:39

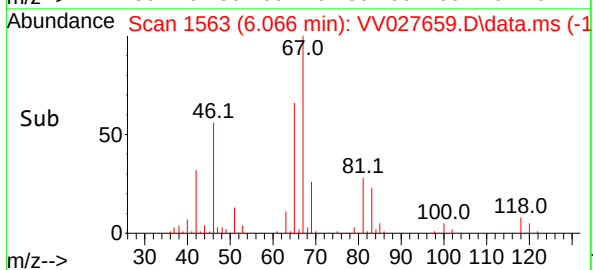
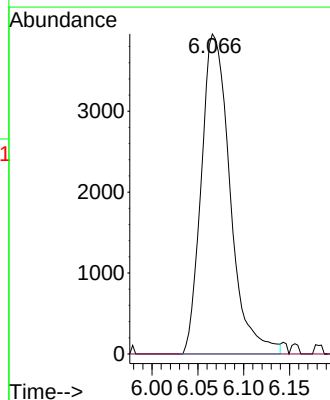
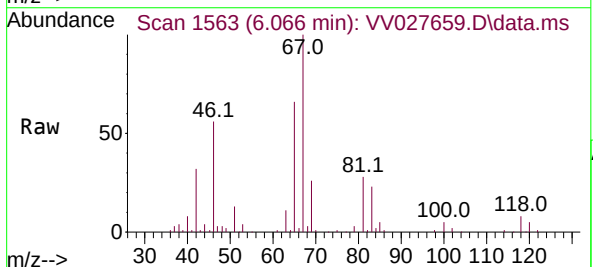
Instrument :  
MSVOA\_V  
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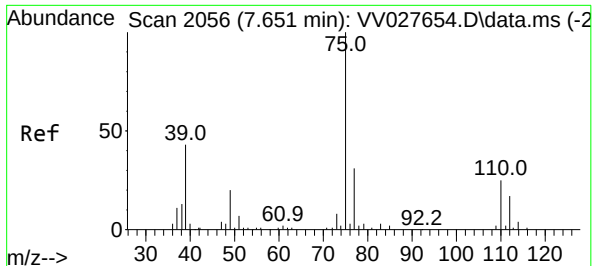
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 0.9   | 66.0  | 99.0# |
| 98      | 0.5   | 36.9  | 55.3# |



#37  
1,2-Dichloropropane  
Concen: 0.693 ug/L  
RT: 6.066 min Scan# 1563  
Delta R.T. -0.106 min  
Lab File: VV027659.D  
Acq: 01 Sep 2022 10:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 112     | 0.0   | 2.9   | 4.3#  |

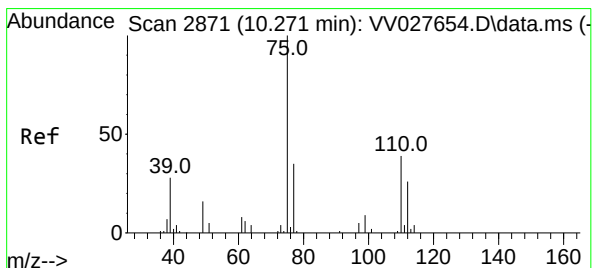
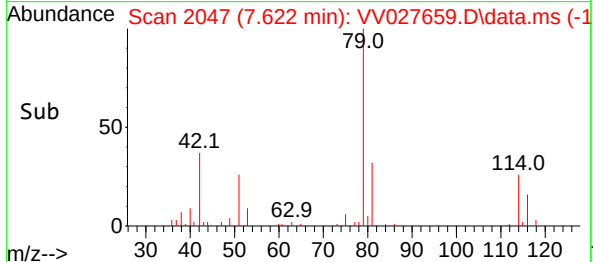
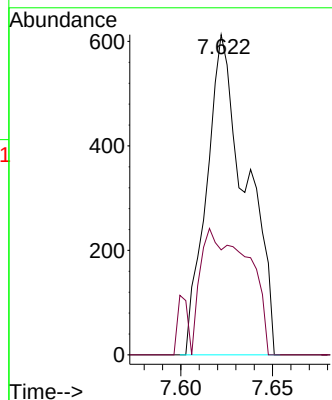
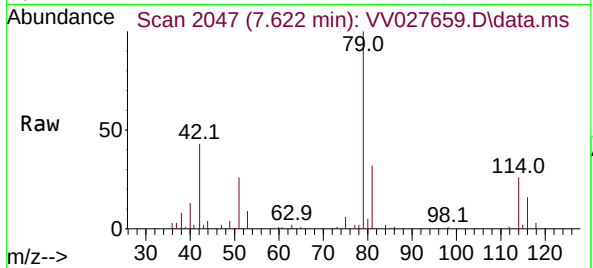




#44  
trans-1,3-Dichloropropene  
Concen: 0.075 ug/L  
RT: 7.622 min Scan# 2056  
Delta R.T. -0.029 min  
Lab File: VV027659.D  
Acq: 01 Sep 2022 10:39

Instrument :  
MSVOA\_V  
ClientSampleId :

Tgt Ion: 75 Resp: 922  
Ion Ratio Lower Upper  
75 100  
77 32.8 22.0 41.0



#61  
1,2,3-Trichloropropane  
Concen: 1.223 ug/L  
RT: 11.246 min Scan# 3174  
Delta R.T. 0.974 min  
Lab File: VV027659.D  
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Tgt Ion: 75 Resp: 6657  
Ion Ratio Lower Upper  
75 100  
77 30.8 25.8 38.6  
110 1.5 29.8 44.8#

