

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV070122\  
 Data File : VV026624.D  
 Acq On : 01 Jul 2022 13:03  
 Operator : SY/MD  
 Sample : N3506-03  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 COAM2

Quant Time: Jul 04 02:03:43 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR062322WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Mon Jul 04 02:01:03 2022  
 Response via : Initial Calibration

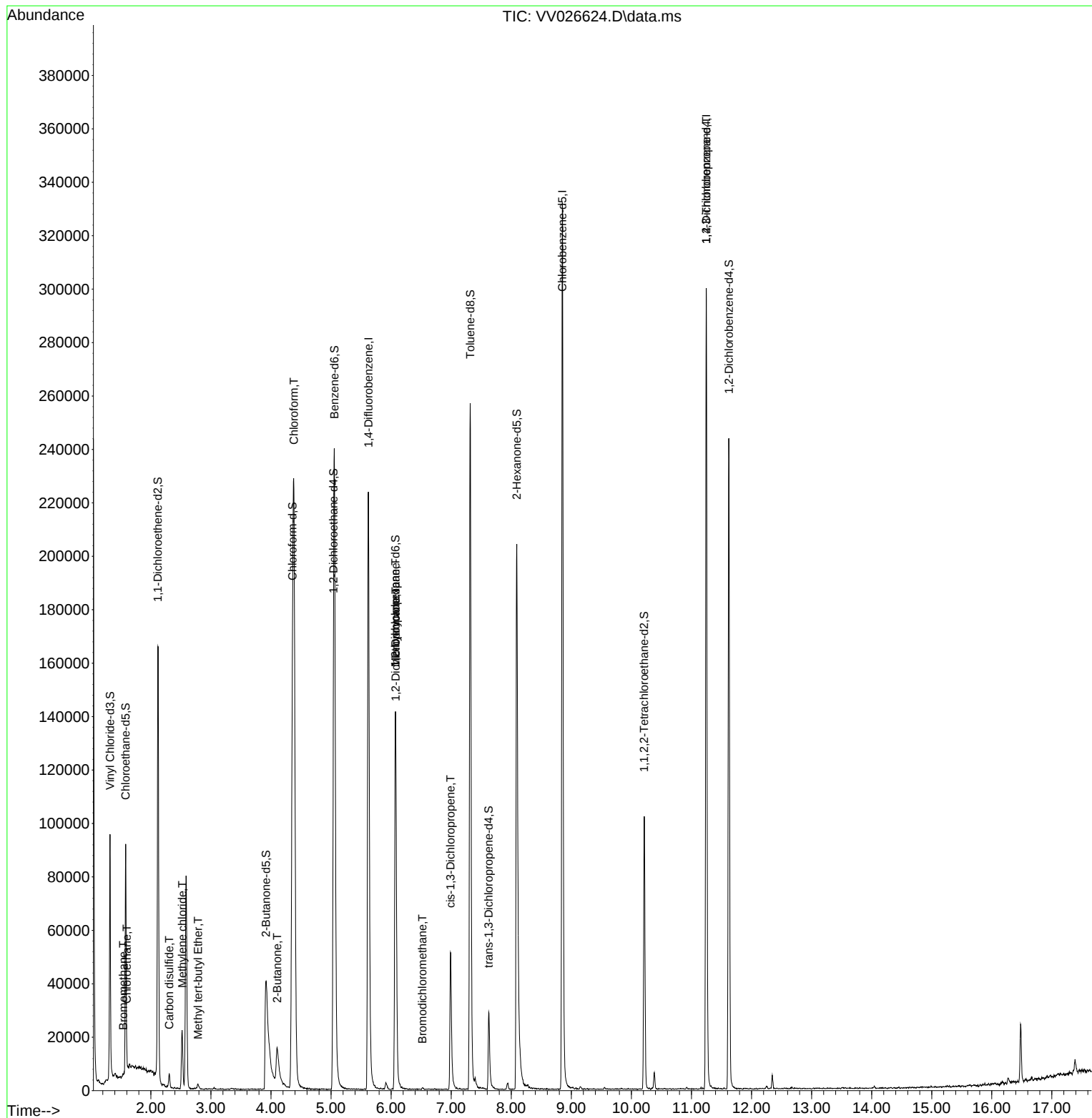
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.622  | 114   | 206442   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117   | 194196   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246 | 152   | 82421    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.320  | 65    | 59774    | 3.600    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 72.000%  |
| 7) Chloroethane-d5            | 1.581  | 69    | 55241    | 4.142    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 82.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.117  | 63    | 85787    | 2.908    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 58.200%# |
| 20) 2-Butanone-d5             | 3.915  | 46    | 98917    | 59.928   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 119.860% |
| 24) Chloroform-d              | 4.359  | 84    | 134310   | 4.949    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 99.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.040  | 65    | 52033    | 4.978    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 99.600%  |
| 32) Benzene-d6                | 5.056  | 84    | 230431   | 4.131    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 82.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67    | 73858    | 4.815    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 96.400%  |
| 41) Toluene-d8                | 7.317  | 98    | 181999   | 3.628    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 72.600%  |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 18562    | 4.682    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 93.600%  |
| 46) 2-Hexanone-d5             | 8.092  | 63    | 72553    | 48.043   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 96.080%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84    | 50510    | 5.034    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 100.600% |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 65350    | 4.791    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 95.800%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 6) Bromomethane               | 1.539  | 94    | 666      | 0.067    | ug/L   | 72       |
| 8) Chloroethane               | 1.600  | 64    | 7363     | 0.591    | ug/L # | 60       |
| 14) Carbon disulfide          | 2.307  | 76    | 6232     | 0.169    | ug/L   | 95       |
| 16) Methylene chloride        | 2.523  | 84    | 9636     | 0.651    | ug/L   | 96       |
| 17) Methyl tert-butyl Ether   | 2.786  | 73    | 1902     | 0.084    | ug/L # | 80       |
| 21) 2-Butanone                | 4.101  | 43    | 27030    | 17.159   | ug/L # | 48       |
| 25) Chloroform                | 4.381  | 83    | 197047   | 7.211    | ug/L   | 98       |
| 35) Methylcyclohexane         | 6.072  | 83    | 18177    | 0.824    | ug/L # | 21       |
| 37) 1,2-Dichloropropane       | 6.079  | 63    | 7859     | 0.575    | ug/L # | 84       |
| 38) Bromodichloromethane      | 6.522  | 83    | 578      | 0.036    | ug/L # | 86       |
| 39) cis-1,3-Dichloropropene   | 6.989  | 75    | 1055     | 0.077    | ug/L # | 67       |
| 61) 1,2,3-Trichloropropane    | 11.246 | 75    | 9141     | 1.713    | ug/L # | 63       |
| -----                         |        |       |          |          |        |          |

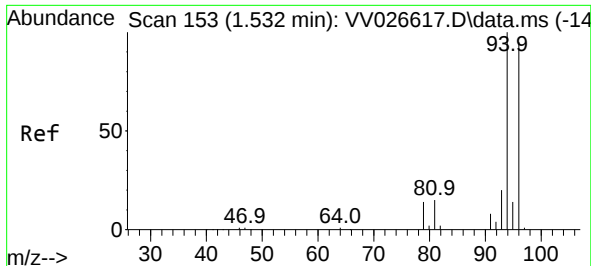
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV070122\  
Data File : VV026624.D  
Acq On : 01 Jul 2022 13:03  
Operator : SY/MD  
Sample : N3506-03  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0AM2

Quant Time: Jul 04 02:03:43 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR062322WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Mon Jul 04 02:01:03 2022  
Response via : Initial Calibration

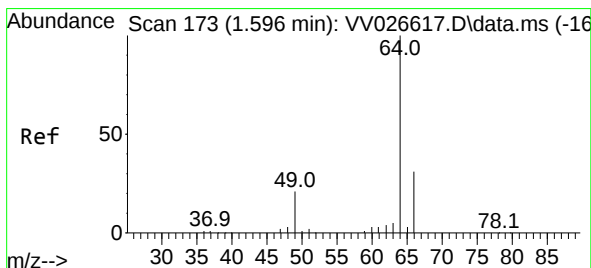
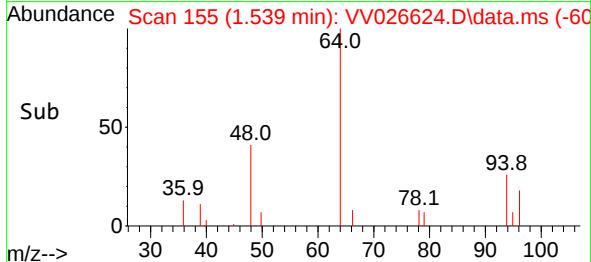
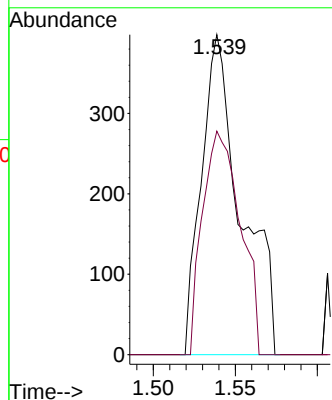
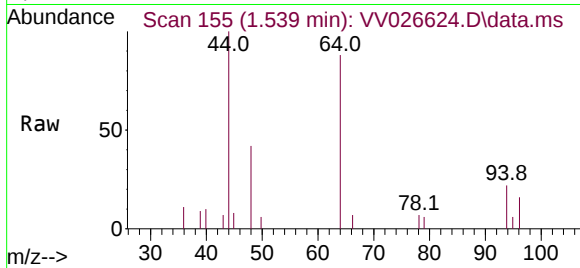




#6  
Bromomethane  
Concen: 0.067 ug/L  
RT: 1.539 min Scan# 11  
Delta R.T. 0.007 min  
Lab File: VV026624.D  
Acq: 01 Jul 2022 13:03

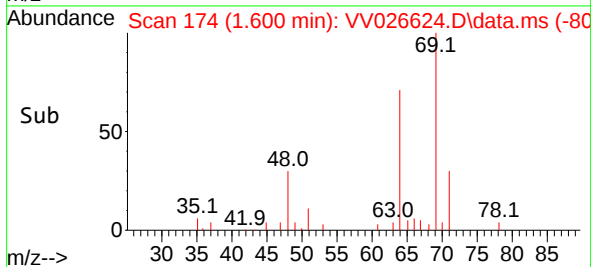
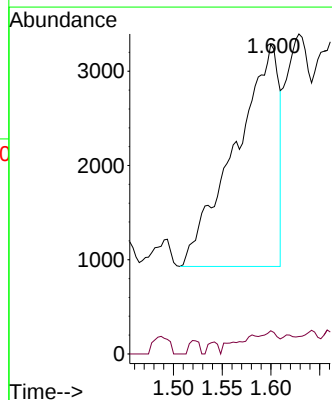
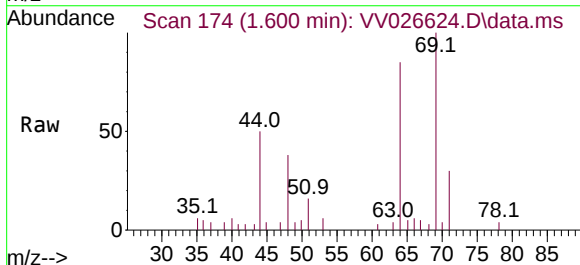
Instrument :  
MSVOA\_V  
ClientSampleId :  
C0AM2

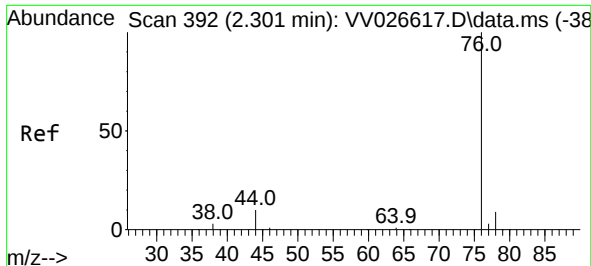
Tgt Ion: 94 Resp: 666  
Ion Ratio Lower Upper  
94 100  
96 69.8 68.0 126.2



#8  
Chloroethane  
Concen: 0.591 ug/L  
RT: 1.600 min Scan# 174  
Delta R.T. 0.003 min  
Lab File: VV026624.D  
Acq: 01 Jul 2022 13:03

Tgt Ion: 64 Resp: 7363  
Ion Ratio Lower Upper  
64 100  
66 7.5 20.0 37.2#

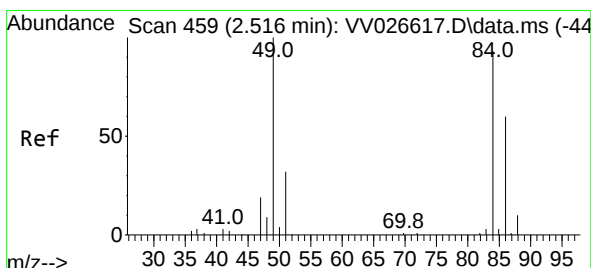
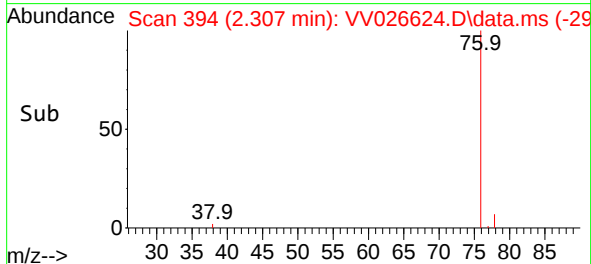
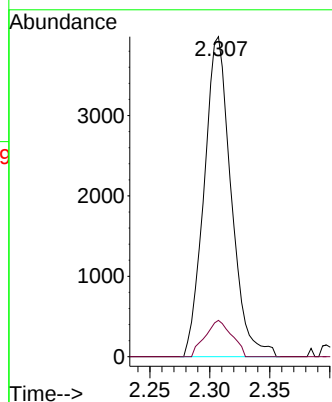
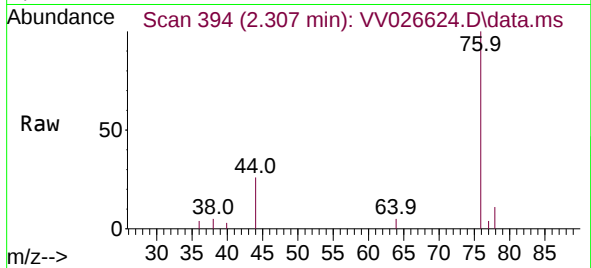




#14  
Carbon disulfide  
Concen: 0.169 ug/L  
RT: 2.307 min Scan# 392  
Delta R.T. 0.007 min  
Lab File: VV026624.D  
Acq: 01 Jul 2022 13:03

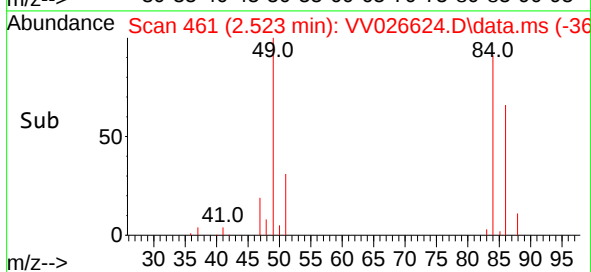
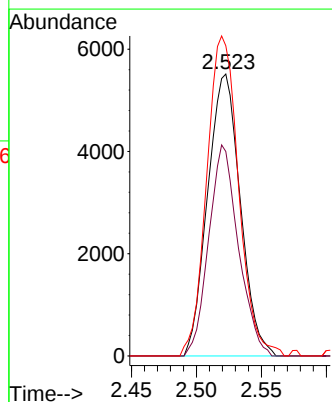
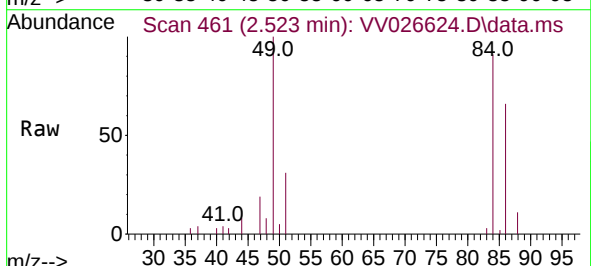
Instrument :  
MSVOA\_V  
ClientSampleId :  
C0AM2

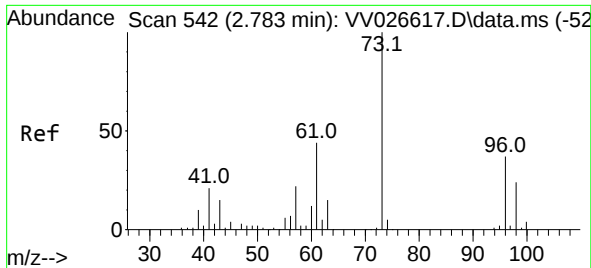
Tgt Ion: 76 Resp: 6232  
Ion Ratio Lower Upper  
76 100  
78 11.4 7.8 11.6



#16  
Methylene chloride  
Concen: 0.651 ug/L  
RT: 2.523 min Scan# 461  
Delta R.T. 0.007 min  
Lab File: VV026624.D  
Acq: 01 Jul 2022 13:03

Tgt Ion: 84 Resp: 9636  
Ion Ratio Lower Upper  
84 100  
86 72.5 46.0 85.4  
49 110.0 77.7 144.3

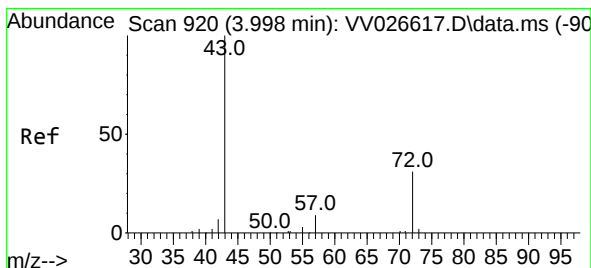
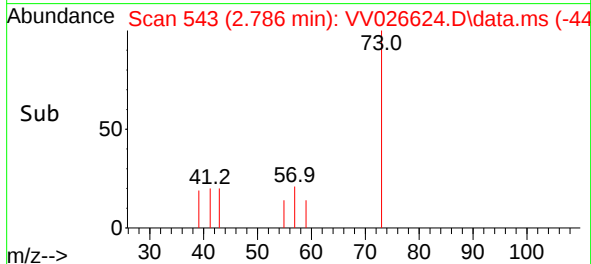
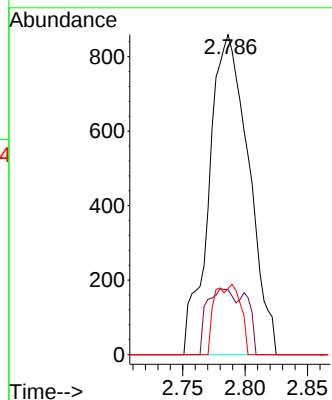
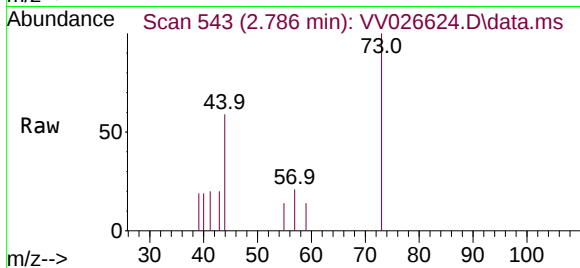




#17  
Methyl tert-butyl Ether  
Concen: 0.084 ug/L  
RT: 2.786 min Scan# 54  
Delta R.T. 0.003 min  
Lab File: VV026624.D  
Acq: 01 Jul 2022 13:03

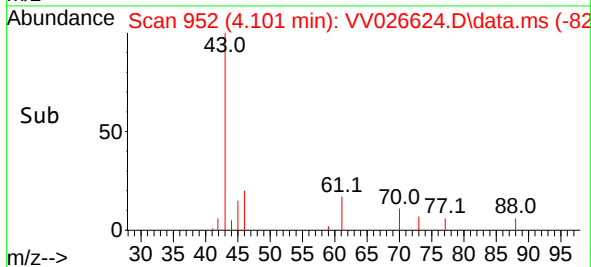
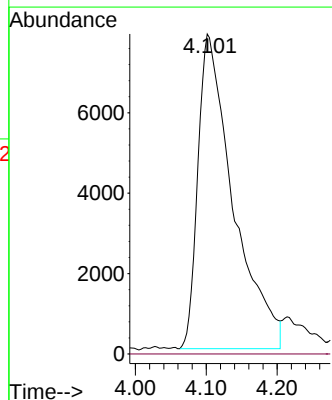
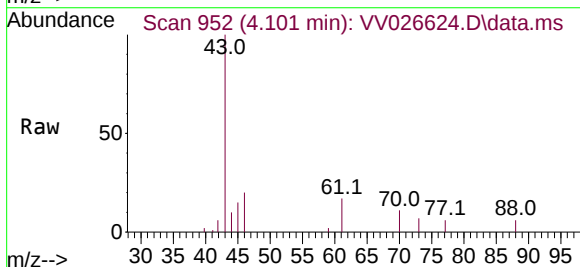
Instrument :  
MSVOA\_V  
ClientSampleId :  
COAM2

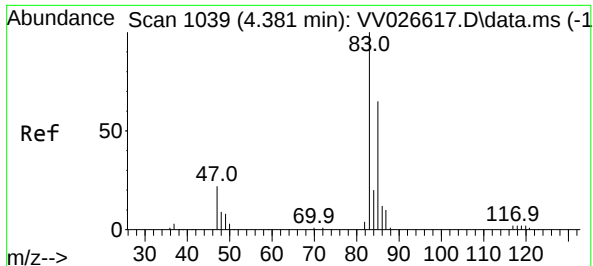
Tgt Ion: 73 Resp: 1902  
Ion Ratio Lower Upper  
73 100  
43 14.3 13.3 19.9  
57 6.5 17.2 25.8#



#21  
2-Butanone  
Concen: 17.159 ug/L  
RT: 4.101 min Scan# 952  
Delta R.T. 0.103 min  
Lab File: VV026624.D  
Acq: 01 Jul 2022 13:03

Tgt Ion: 43 Resp: 27030  
Ion Ratio Lower Upper  
43 100  
72 0.0 13.5 40.5#

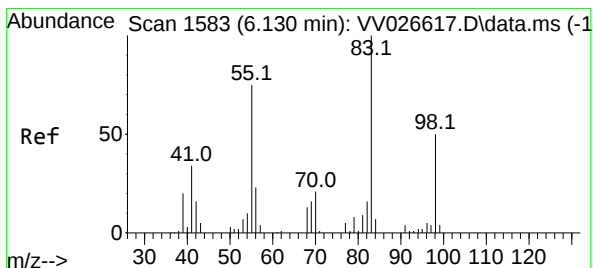
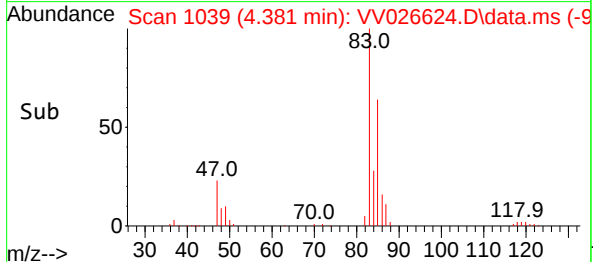
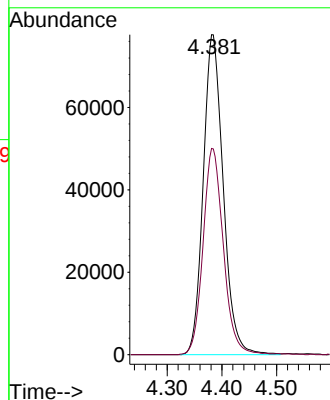
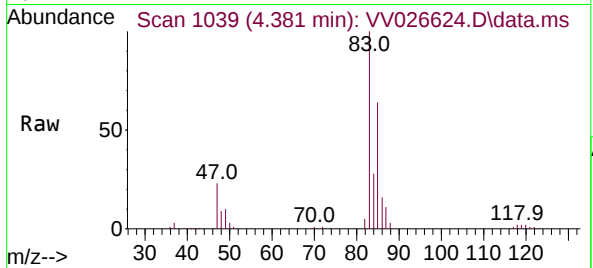




#25  
Chloroform  
Concen: 7.211 ug/L  
RT: 4.381 min Scan# 1039  
Delta R.T. 0.000 min  
Lab File: VV026624.D  
Acq: 01 Jul 2022 13:03

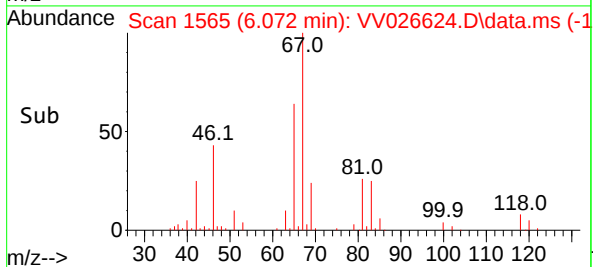
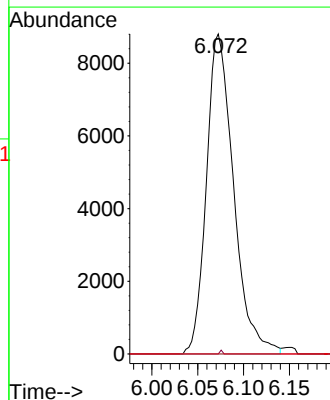
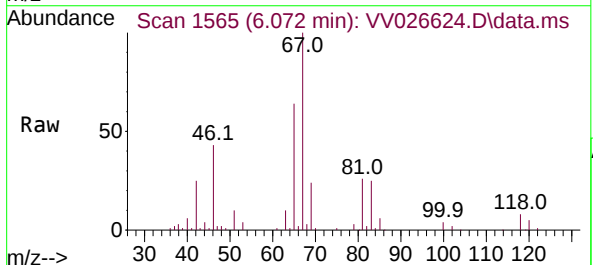
Instrument :  
MSVOA\_V  
ClientSampleId :  
COAM2

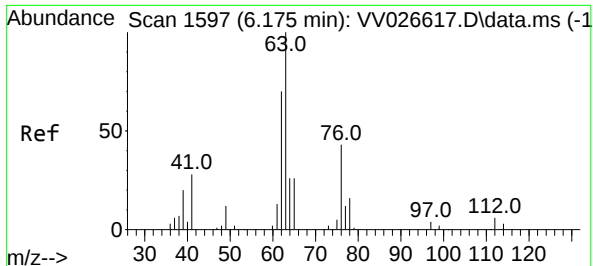
Tgt Ion: 83 Resp: 197047  
Ion Ratio Lower Upper  
83 100  
85 64.4 44.0 81.8



#35  
Methylcyclohexane  
Concen: 0.824 ug/L  
RT: 6.072 min Scan# 1565  
Delta R.T. -0.058 min  
Lab File: VV026624.D  
Acq: 01 Jul 2022 13:03

Tgt Ion: 83 Resp: 18177  
Ion Ratio Lower Upper  
83 100  
55 0.1 57.0 85.4#  
98 1.6 39.8 59.8#





#37

1,2-Dichloropropane

Concen: 0.575 ug/L

RT: 6.079 min Scan# 11

Delta R.T. -0.096 min

Lab File: VV026624.D

Acq: 01 Jul 2022 13:03

Instrument :

MSVOA\_V

ClientSampleId :

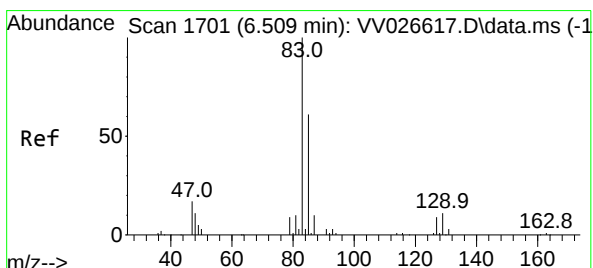
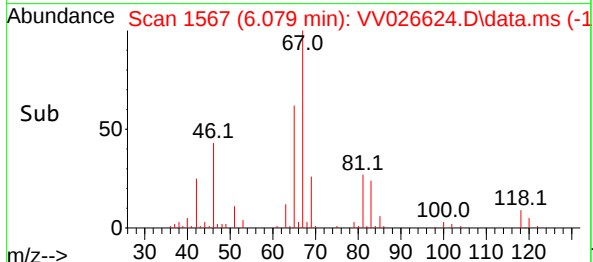
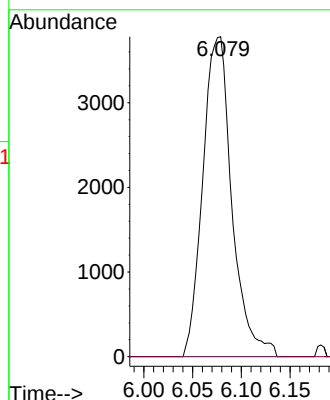
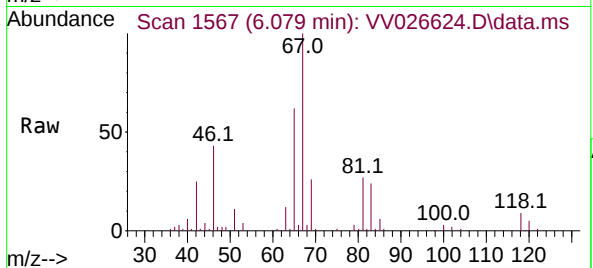
COAM2

Tgt Ion: 63 Resp: 7859

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.4#



#38

Bromodichloromethane

Concen: 0.036 ug/L

RT: 6.522 min Scan# 1705

Delta R.T. 0.013 min

Lab File: VV026624.D

Acq: 01 Jul 2022 13:03

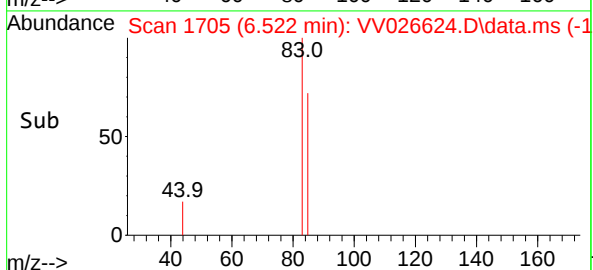
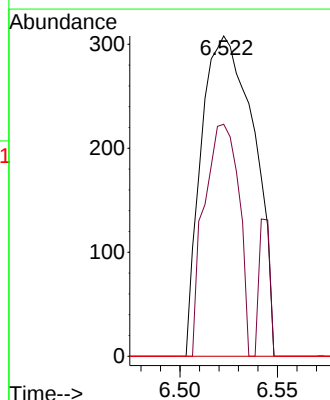
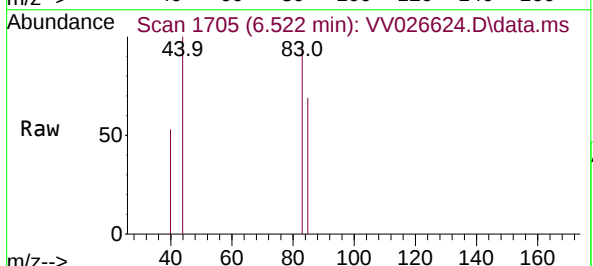
Tgt Ion: 83 Resp: 578

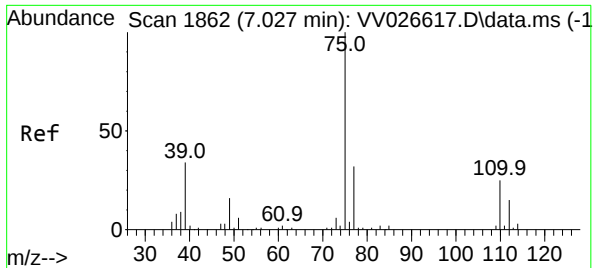
Ion Ratio Lower Upper

83 100

85 72.4 44.0 81.8

127 0.0 6.6 10.0#





#39

cis-1,3-Dichloropropene

Concen: 0.077 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.038 min

Lab File: VV026624.D

Acq: 01 Jul 2022 13:03

Instrument :

MSVOA\_V

ClientSampleId :

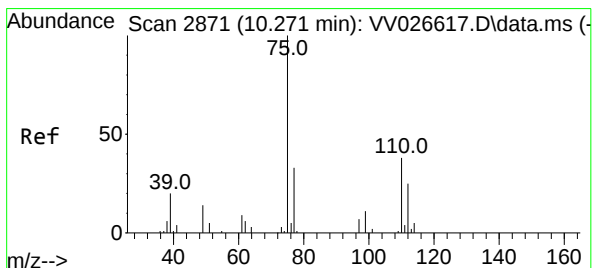
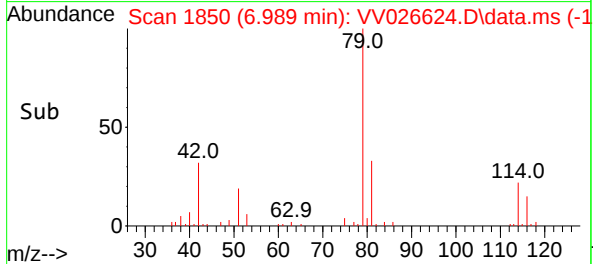
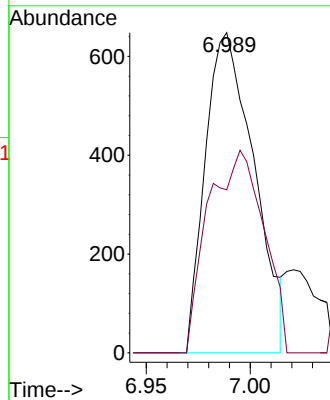
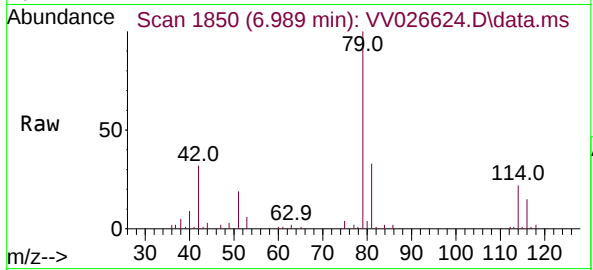
COAM2

Tgt Ion: 75 Resp: 1055

Ion Ratio Lower Upper

75 100

77 50.9 22.8 42.4#



#61

1,2,3-Trichloropropane

Concen: 1.713 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV026624.D

Acq: 01 Jul 2022 13:03

Tgt Ion: 75 Resp: 9141

Ion Ratio Lower Upper

75 100

77 30.2 25.8 38.6

110 1.0 32.5 48.7#

