

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV120622\  
 Data File : VV029404.D  
 Acq On : 06 Dec 2022 10:40  
 Operator : SY/MD  
 Sample : VV1206WBL06  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK285

Quant Time: Dec 06 21:49:01 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR112322WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Dec 06 21:48:39 2022  
 Response via : Initial Calibration

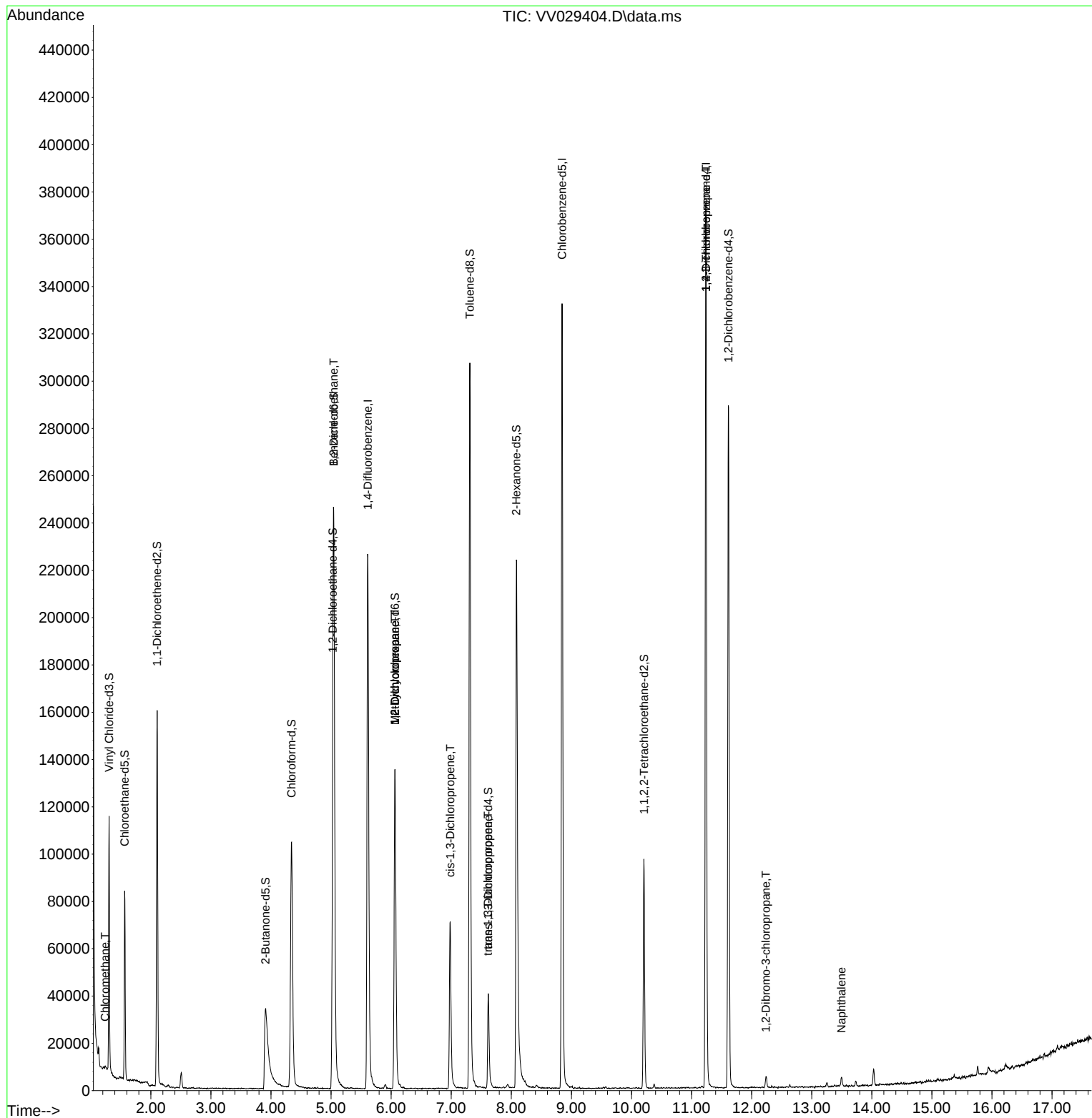
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.609  | 114            | 219708   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.844  | 117            | 198141   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.239 | 152            | 101136   | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65             | 67264    | 4.975  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 99.400%  |          |
| 7) Chloroethane-d5            | 1.565  | 69             | 51688    | 5.222  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 104.400% |          |
| 11) 1,1-Dichloroethene-d2     | 2.105  | 63             | 80019    | 3.698  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 74.000%  |          |
| 20) 2-Butanone-d5             | 3.909  | 46             | 88130    | 38.963 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 77.920%  |          |
| 24) Chloroform-d              | 4.343  | 84             | 113318   | 4.695  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 94.000%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.027  | 65             | 49890    | 4.698  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 94.000%  |          |
| 32) Benzene-d6                | 5.044  | 84             | 246625   | 4.504  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 90.000%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.063  | 67             | 73178    | 4.756  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 95.200%  |          |
| 41) Toluene-d8                | 7.310  | 98             | 219534   | 4.247  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 85.000%  |          |
| 43) trans-1,3-Dichloroprop... | 7.616  | 79             | 26475    | 4.463  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 89.200%  |          |
| 46) 2-Hexanone-d5             | 8.085  | 63             | 98212    | 46.442 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 92.880%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.207 | 84             | 50011    | 5.267  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 105.400% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.616 | 152            | 78687    | 4.454  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 89.000%  |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          | Qvalue   |
| 3) Chloromethane              | 1.240  | 50             | 952      | 0.063  | ug/L     | 86       |
| 27) 1,2-Dichloroethane        | 5.044  | 62             | 1153     | 0.087  | ug/L #   | 72       |
| 35) Methylcyclohexane         | 6.063  | 83             | 17120    | 0.671  | ug/L #   | 21       |
| 37) 1,2-Dichloropropane       | 6.063  | 63             | 7651     | 0.548  | ug/L #   | 85       |
| 39) cis-1,3-Dichloropropene   | 6.982  | 75             | 1917     | 0.094  | ug/L #   | 71       |
| 44) trans-1,3-Dichloropropene | 7.613  | 75             | 1165     | 0.072  | ug/L #   | 61       |
| 61) 1,2,3-Trichloropropane    | 11.239 | 75             | 11350    | 1.618  | ug/L #   | 66       |
| 68) 1,2-Dibromo-3-chloropr... | 12.236 | 75             | 207      | 0.150  | ug/L #   | 1        |
| 71) Naphthalene               | 13.497 | 128            | 3901     | 0.221  | ug/L     | 97       |
| -----                         |        |                |          |        |          |          |

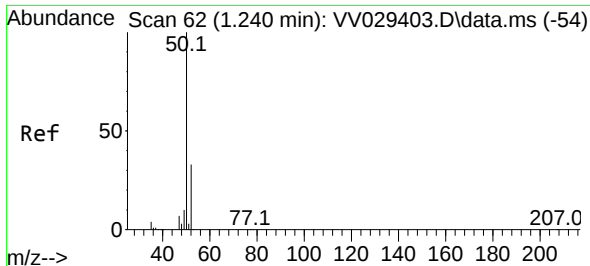
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator : SY/MD  
Sample : VV1206WBL06  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VBLK285

Quant Time: Dec 06 21:49:01 2022  
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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Dec 06 21:48:39 2022  
Response via : Initial Calibration

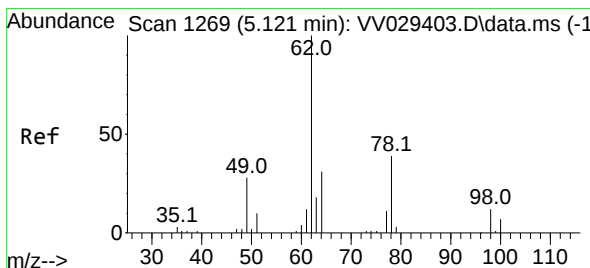
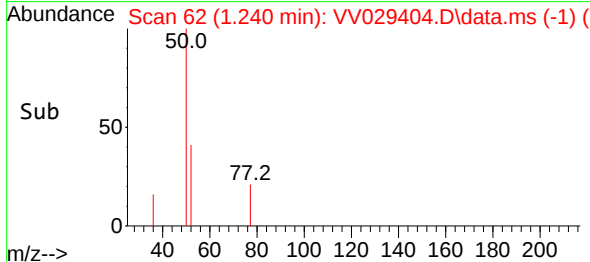
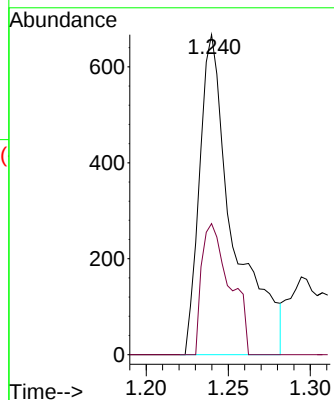
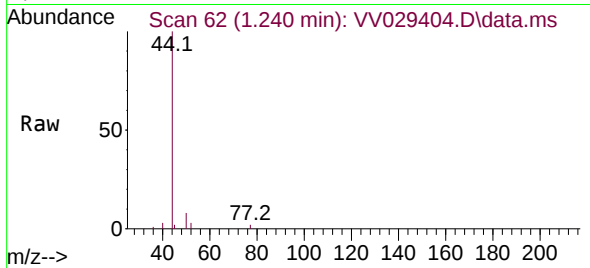




#3  
Chloromethane  
Concen: 0.063 ug/L  
RT: 1.240 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VV029404.D  
Acq: 06 Dec 2022 10:40

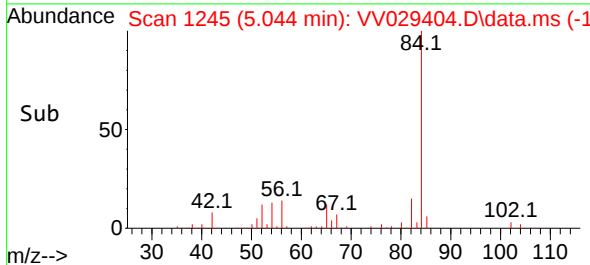
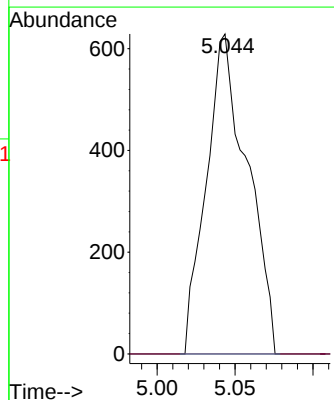
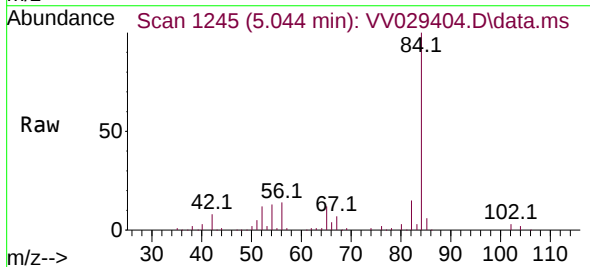
Instrument :  
MSVOA\_V  
ClientSampleId :  
VBLK285

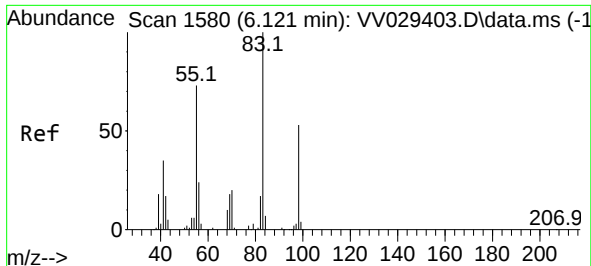
Tgt Ion: 50 Resp: 952  
Ion Ratio Lower Upper  
50 100  
52 40.9 23.2 43.2



#27  
1,2-Dichloroethane  
Concen: 0.087 ug/L  
RT: 5.044 min Scan# 1245  
Delta R.T. -0.077 min  
Lab File: VV029404.D  
Acq: 06 Dec 2022 10:40

Tgt Ion: 62 Resp: 1153  
Ion Ratio Lower Upper  
62 100  
98 0.0 8.4 12.6#





#35

Methylcyclohexane

Concen: 0.671 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.058 min

Lab File: VV029404.D

Acq: 06 Dec 2022 10:40

Instrument :

MSVOA\_V

ClientSampleId :

VBLK285

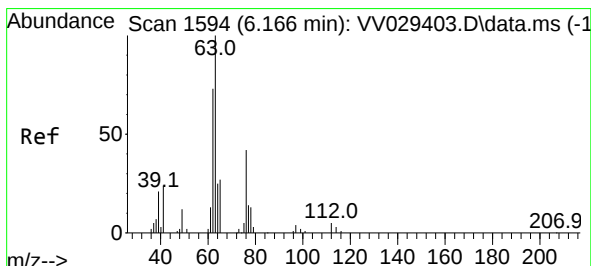
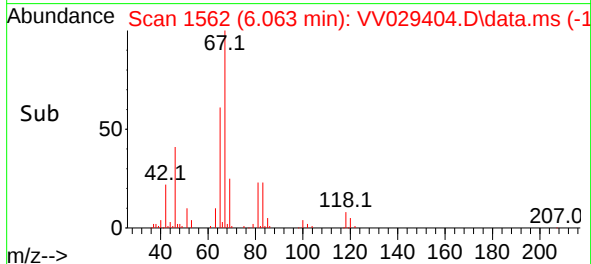
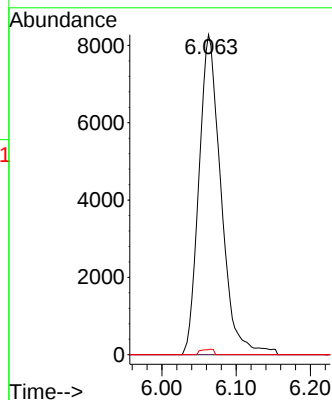
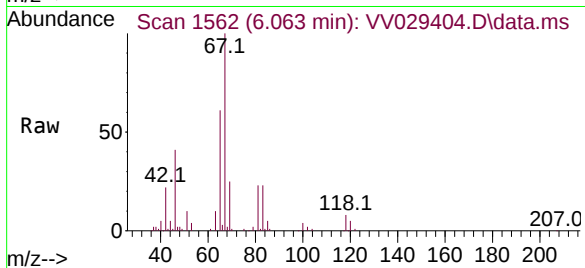
Tgt Ion: 83 Resp: 17120

Ion Ratio Lower Upper

83 100

55 0.0 55.4 83.2#

98 1.0 39.4 59.2#



#37

1,2-Dichloropropane

Concen: 0.548 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.103 min

Lab File: VV029404.D

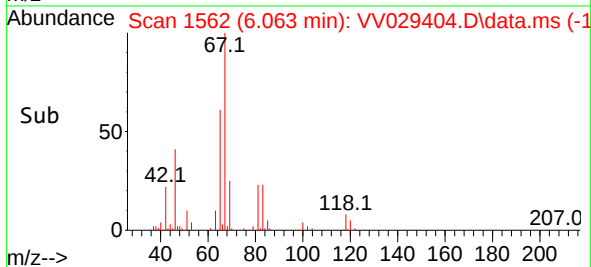
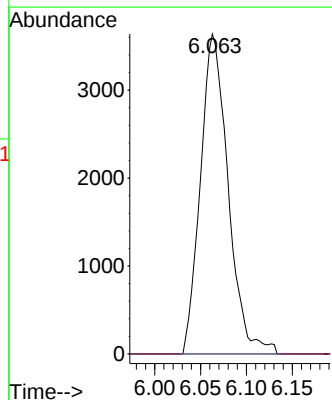
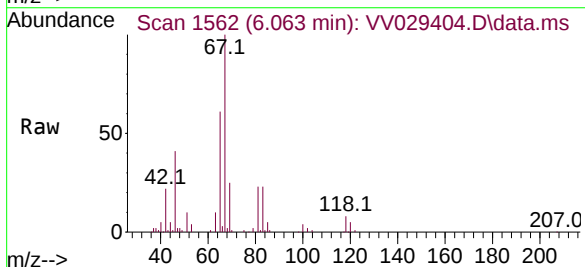
Acq: 06 Dec 2022 10:40

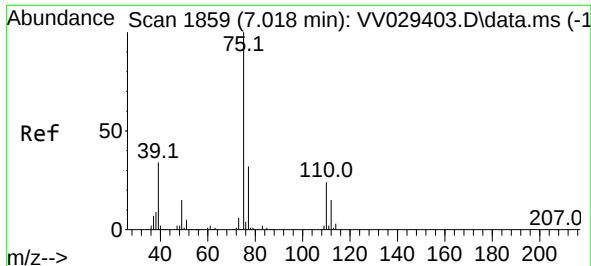
Tgt Ion: 63 Resp: 7651

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#





#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV029404.D

Acq: 06 Dec 2022 10:40

Instrument :

MSVOA\_V

ClientSampleId :

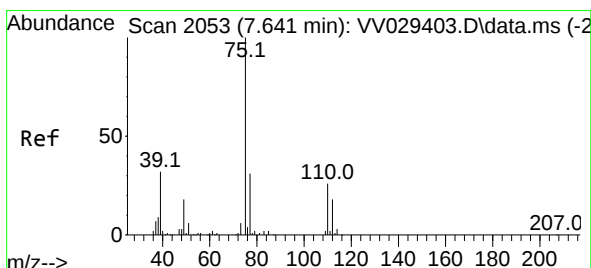
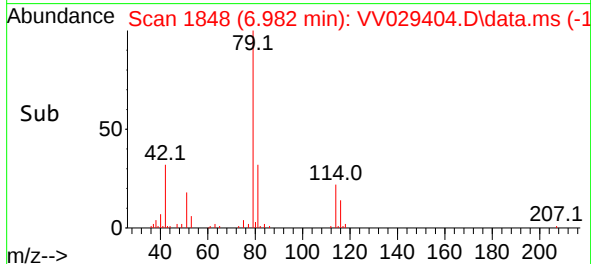
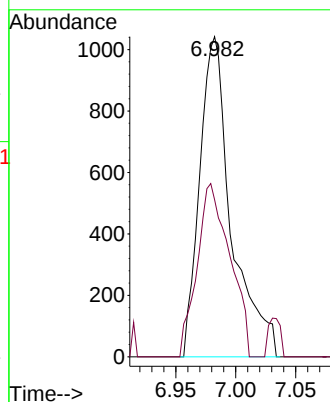
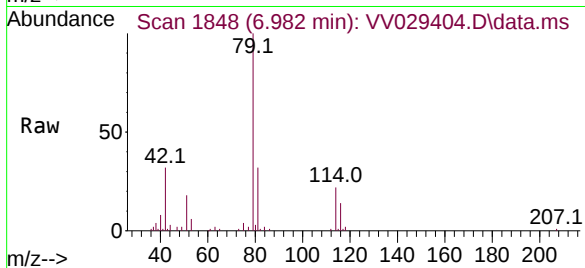
VBLK285

Tgt Ion: 75 Resp: 1917

Ion Ratio Lower Upper

75 100

77 49.0 22.7 42.3#



#44

trans-1,3-Dichloropropene

Concen: 0.072 ug/L

RT: 7.613 min Scan# 2044

Delta R.T. -0.029 min

Lab File: VV029404.D

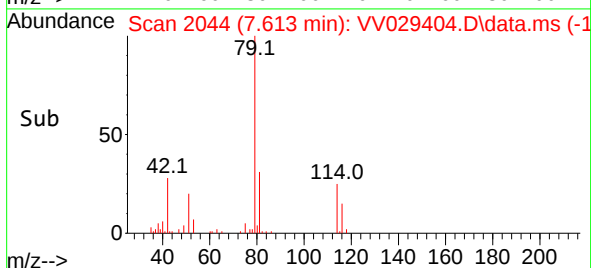
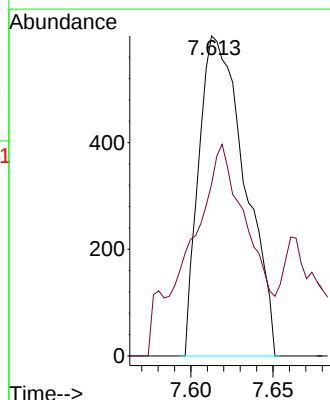
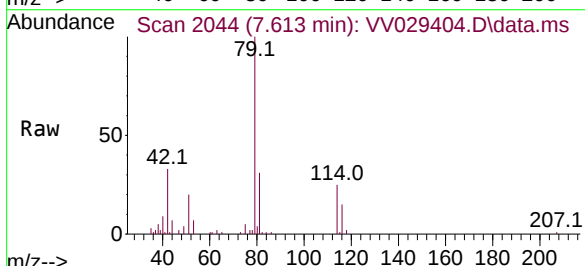
Acq: 06 Dec 2022 10:40

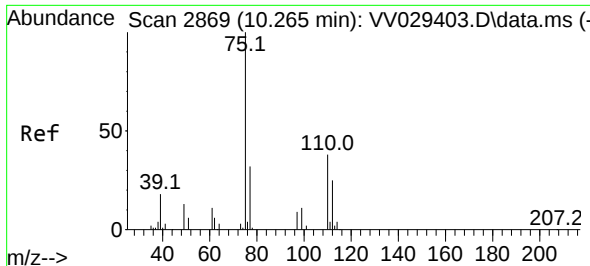
Tgt Ion: 75 Resp: 1165

Ion Ratio Lower Upper

75 100

77 53.7 22.4 41.6#

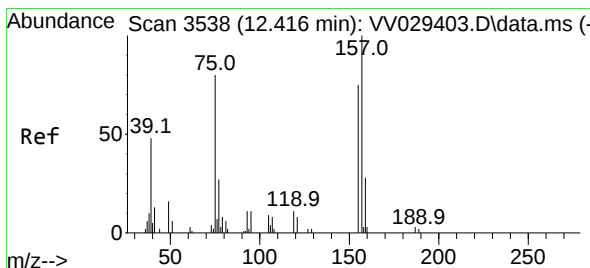
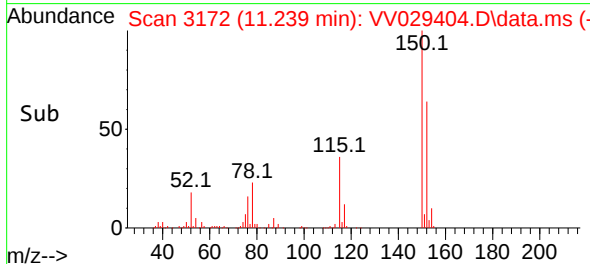
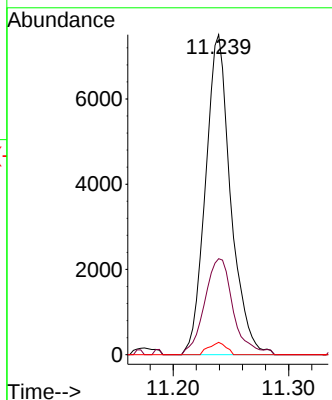
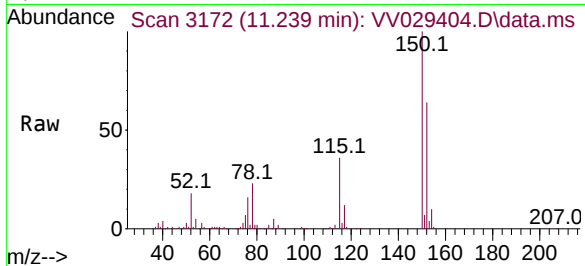




#61  
 1,2,3-Trichloropropane  
 Concen: 1.618 ug/L  
 RT: 11.239 min Scan# 3172  
 Delta R.T. 0.974 min  
 Lab File: VV029404.D  
 Acq: 06 Dec 2022 10:40

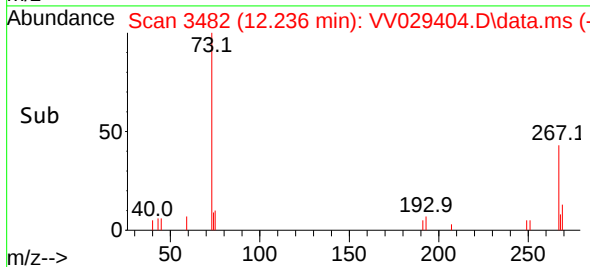
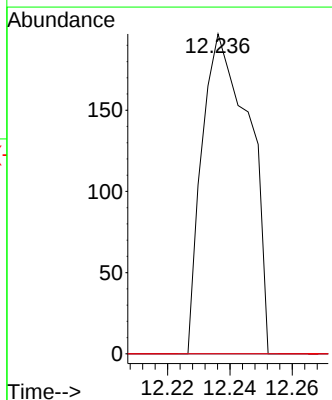
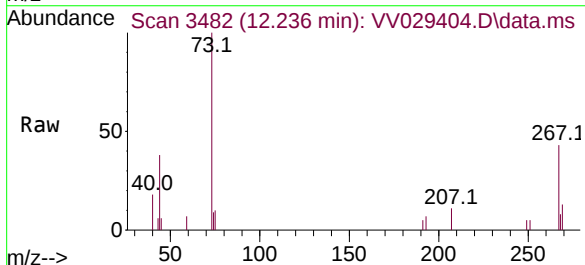
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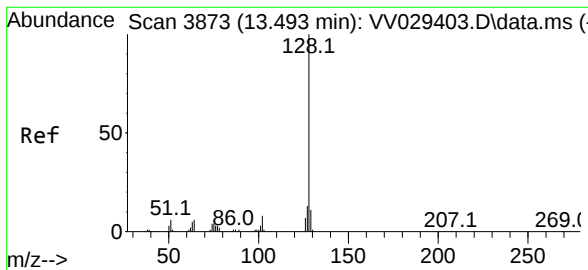
Tgt Ion: 75 Resp: 11350  
 Ion Ratio Lower Upper  
 75 100  
 77 34.1 26.7 40.1  
 110 2.6 32.2 48.4#



#68  
 1,2-Dibromo-3-chloropropane  
 Concen: 0.150 ug/L  
 RT: 12.236 min Scan# 3482  
 Delta R.T. -0.180 min  
 Lab File: VV029404.D  
 Acq: 06 Dec 2022 10:40

Tgt Ion: 75 Resp: 207  
 Ion Ratio Lower Upper  
 75 100  
 155 0.0 76.6 115.0#  
 157 0.0 96.9 145.3#





#71  
 Naphthalene  
 Concen: 0.221 ug/L  
 RT: 13.497 min Scan# 3874  
 Delta R.T. 0.003 min  
 Lab File: VV029404.D  
 Acq: 06 Dec 2022 10:40

Instrument :  
 MSVOA\_V  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 3901  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 10.3  | 8.9   | 13.3  |
| 127      | 11.6  | 10.6  | 15.8  |

