

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV102722\  
 Data File : VV028722.D  
 Acq On : 27 Oct 2022 16:01  
 Operator : SY/MD  
 Sample : N5233-10  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BHAD7

Quant Time: Oct 28 02:18:44 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR102522WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Oct 28 02:13:29 2022  
 Response via : Initial Calibration

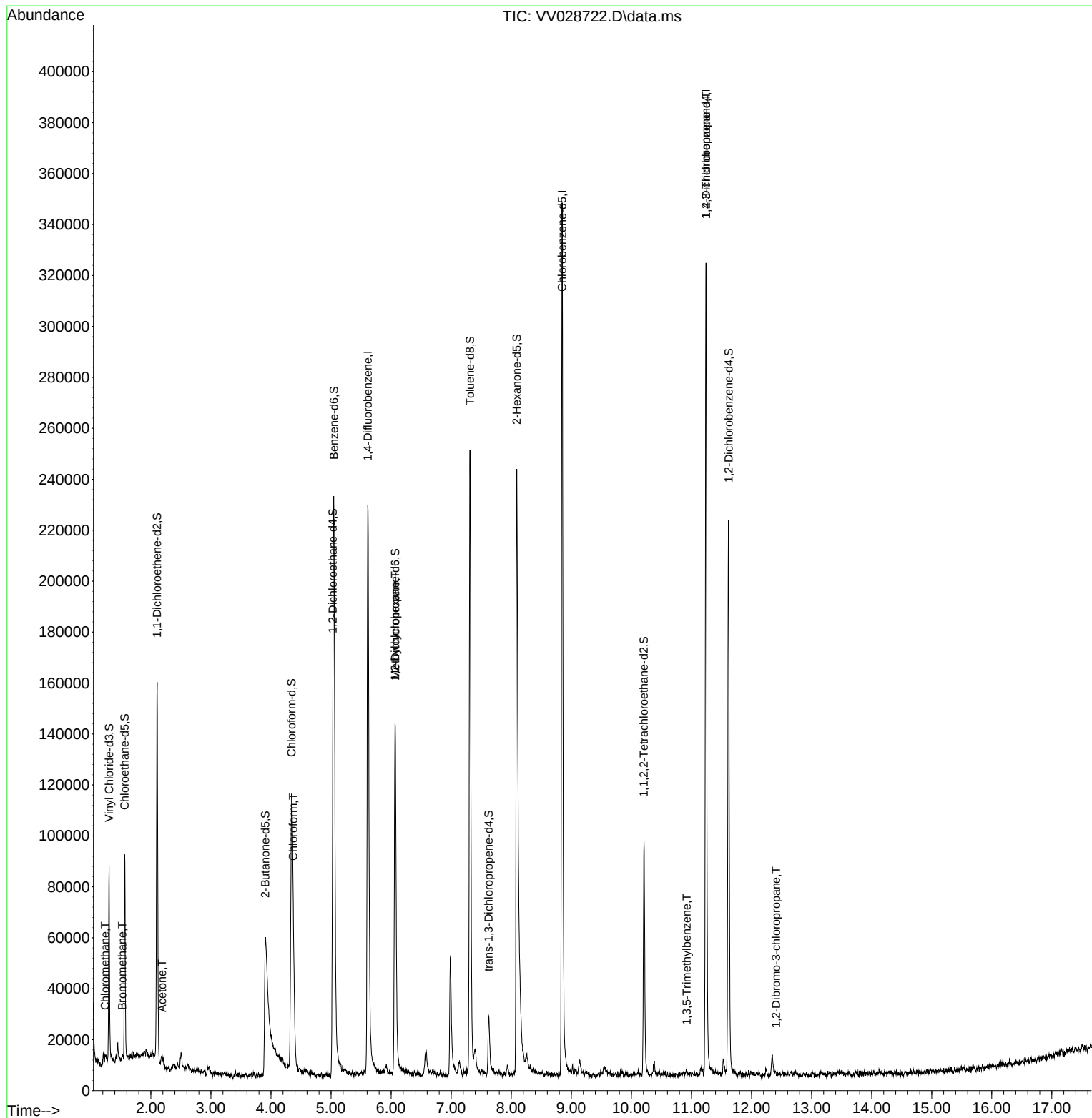
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.612  | 114   | 186139   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.847  | 117   | 173335   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.242 | 152   | 75726    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 52248    | 4.036    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 80.800%  |
| 7) Chloroethane-d5            | 1.564  | 69    | 51367    | 4.693    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 93.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.104  | 63    | 81938    | 3.272    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 65.400%  |
| 20) 2-Butanone-d5             | 3.905  | 46    | 106549   | 36.095   | ug/L   | 0.02     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 72.200%  |
| 24) Chloroform-d              | 4.342  | 84    | 100535   | 4.472    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 89.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.030  | 65    | 53121    | 4.657    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 93.200%  |
| 32) Benzene-d6                | 5.047  | 84    | 197878   | 4.269    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 85.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67    | 69678    | 4.749    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 95.000%  |
| 41) Toluene-d8                | 7.313  | 98    | 159927   | 4.421    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 88.400%  |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 14781    | 3.242    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 64.800%  |
| 46) 2-Hexanone-d5             | 8.091  | 63    | 100319   | 47.273   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 94.540%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.210 | 84    | 44981    | 4.622    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 92.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.619 | 152   | 51074    | 4.890    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 97.800%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Chloromethane              | 1.236  | 50    | 1664     | 0.114    | ug/L # | 77       |
| 6) Bromomethane               | 1.523  | 94    | 1087     | 0.156    | ug/L   | 86       |
| 13) Acetone                   | 2.185  | 43    | 10225    | 5.836    | ug/L   | 94       |
| 25) Chloroform                | 4.371  | 83    | 39779    | 1.646    | ug/L   | 97       |
| 35) Methylcyclohexane         | 6.066  | 83    | 15884    | 0.896    | ug/L # | 17       |
| 61) 1,2,3-Trichloropropane    | 11.242 | 75    | 11735    | 1.805    | ug/L # | 69       |
| 62) 1,3,5-Trimethylbenzene    | 10.921 | 105   | 763      | 0.055    | ug/L   | 94       |
| 68) 1,2-Dibromo-3-chloropr... | 12.410 | 75    | 184      | 0.137    | ug/L # | 9        |

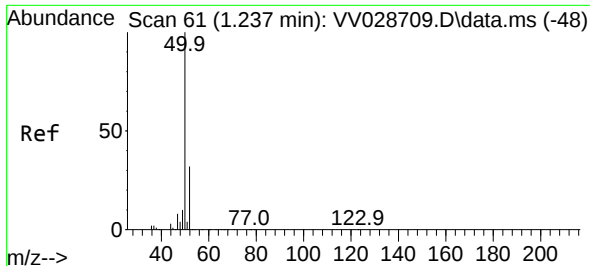
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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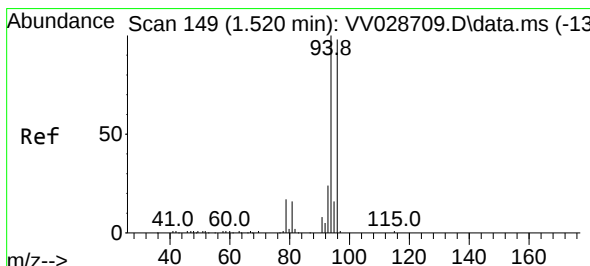
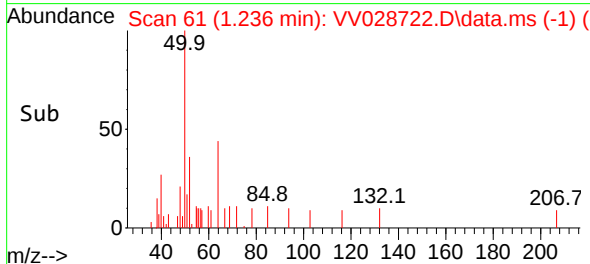
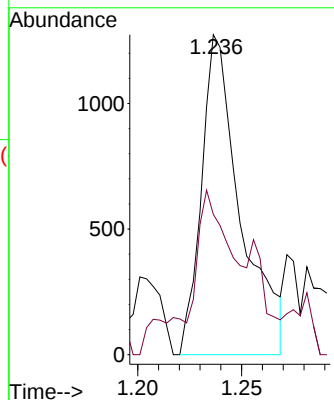
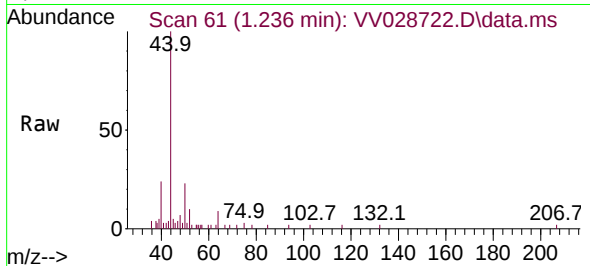




#3  
Chloromethane  
Concen: 0.114 ug/L  
RT: 1.236 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VV028722.D  
Acq: 27 Oct 2022 16:01

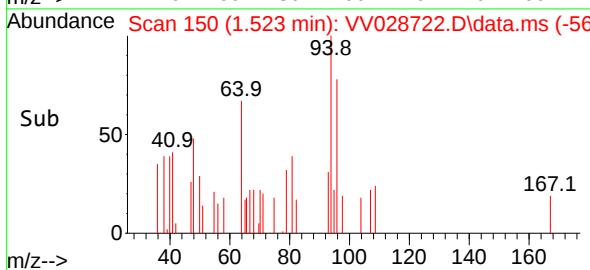
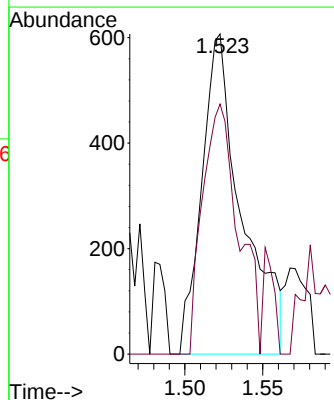
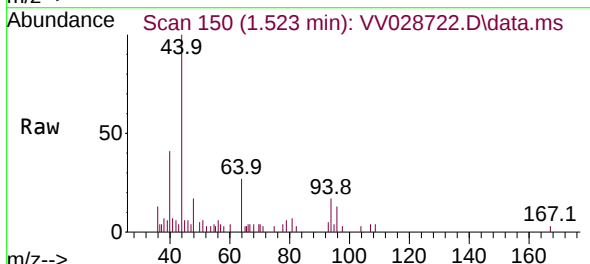
Instrument :  
MSVOA\_V  
ClientSampleId :  
BHAD7

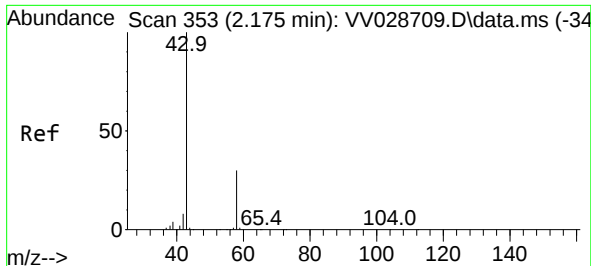
Tgt Ion: 50 Resp: 1664  
Ion Ratio Lower Upper  
50 100  
52 43.9 21.8 40.6#



#6  
Bromomethane  
Concen: 0.156 ug/L  
RT: 1.523 min Scan# 150  
Delta R.T. 0.003 min  
Lab File: VV028722.D  
Acq: 27 Oct 2022 16:01

Tgt Ion: 94 Resp: 1087  
Ion Ratio Lower Upper  
94 100  
96 78.1 64.3 119.3





#13

Acetone

Concen: 5.836 ug/L

RT: 2.185 min Scan# 31

Delta R.T. 0.009 min

Lab File: VV028722.D

Acq: 27 Oct 2022 16:01

Instrument :

MSVOA\_V

ClientSampleId :

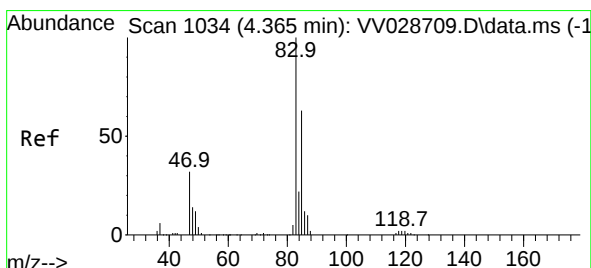
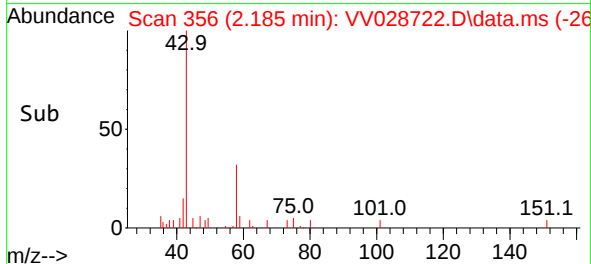
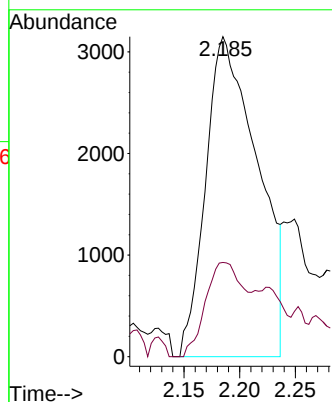
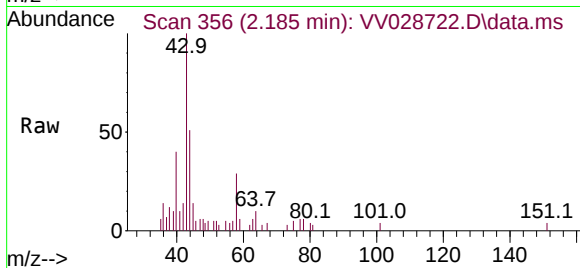
BHAD7

Tgt Ion: 43 Resp: 10225

Ion Ratio Lower Upper

43 100

58 22.1 0.0 50.2



#25

Chloroform

Concen: 1.646 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV028722.D

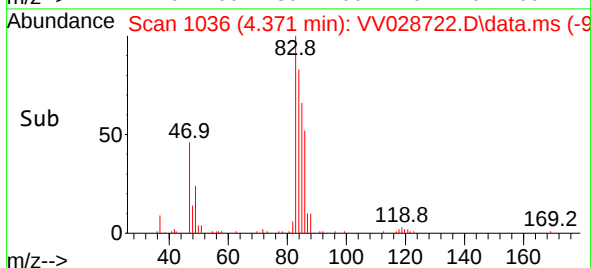
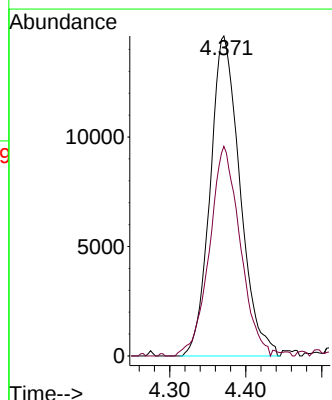
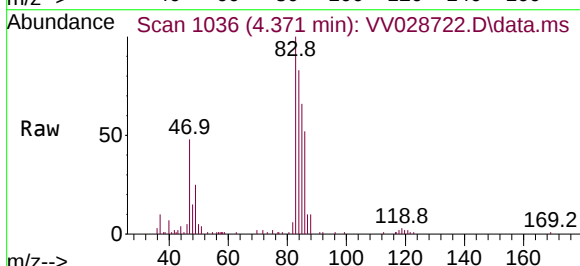
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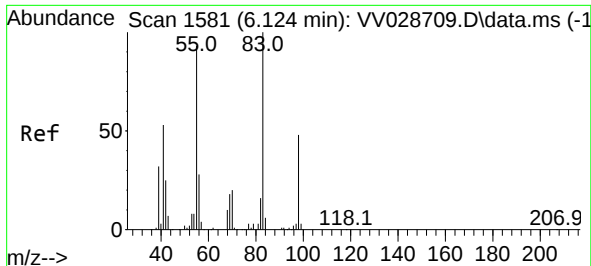
Tgt Ion: 83 Resp: 39779

Ion Ratio Lower Upper

83 100

85 65.5 44.1 81.9

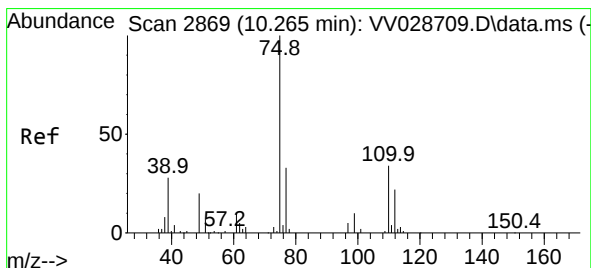
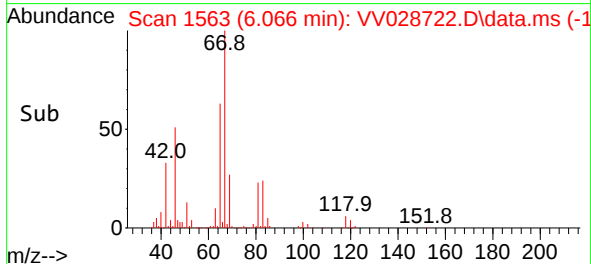
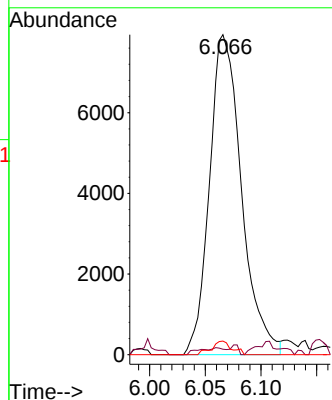
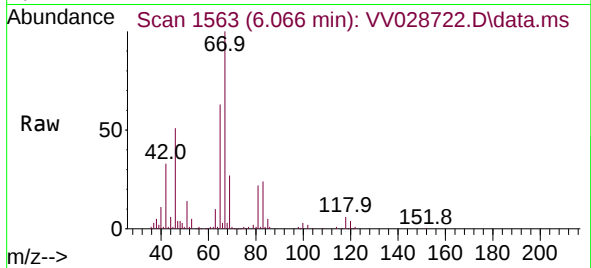




#35  
Methylcyclohexane  
Concen: 0.896 ug/L  
RT: 6.066 min Scan# 11  
Delta R.T. -0.058 min  
Lab File: VV028722.D  
Acq: 27 Oct 2022 16:01

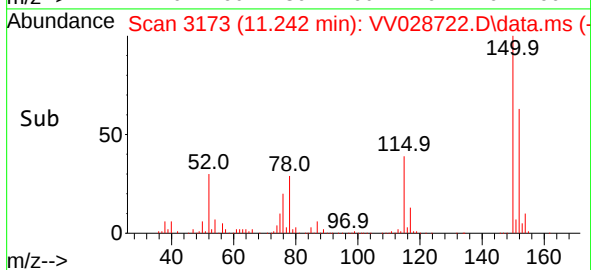
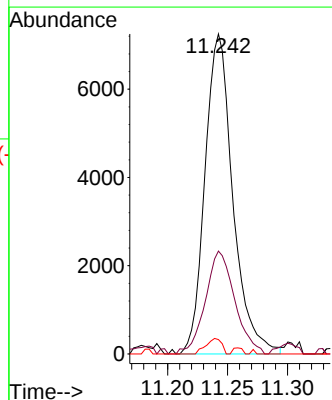
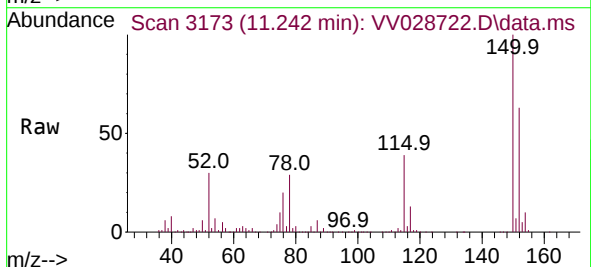
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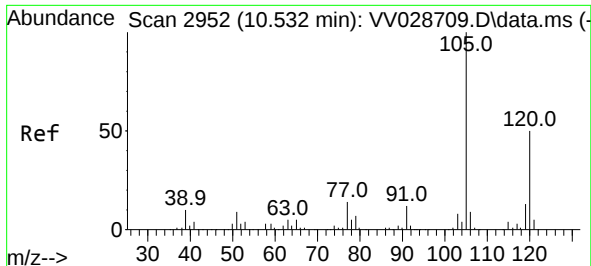
Tgt Ion: 83 Resp: 15884  
Ion Ratio Lower Upper  
83 100  
55 1.7 70.0 105.0#  
98 2.6 35.6 53.4#



#61  
1,2,3-Trichloropropane  
Concen: 1.805 ug/L  
RT: 11.242 min Scan# 3173  
Delta R.T. 0.977 min  
Lab File: VV028722.D  
Acq: 27 Oct 2022 16:01

Tgt Ion: 75 Resp: 11735  
Ion Ratio Lower Upper  
75 100  
77 33.8 25.2 37.8  
110 2.7 27.9 41.9#

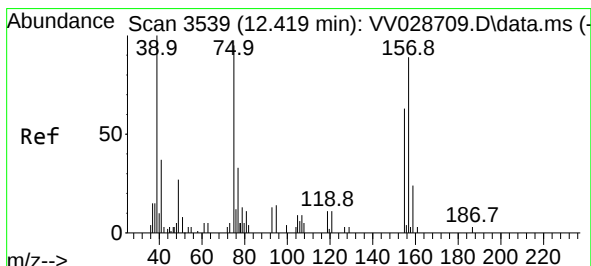
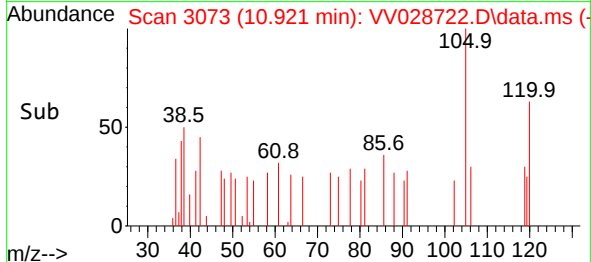
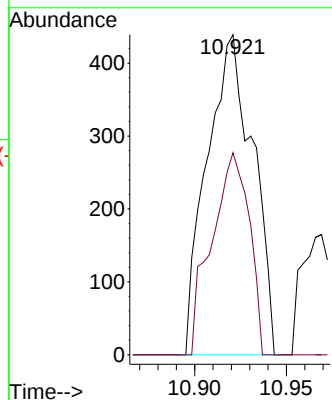
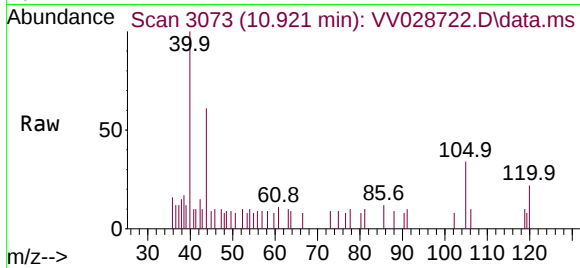




#62  
 1,3,5-Trimethylbenzene  
 Concen: 0.055 ug/L  
 RT: 10.921 min Scan# 3073  
 Delta R.T. 0.389 min  
 Lab File: VV028722.D  
 Acq: 27 Oct 2022 16:01

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BHAD7

Tgt Ion:105 Resp: 763  
 Ion Ratio Lower Upper  
 105 100  
 120 51.8 38.3 57.5



#68  
 1,2-Dibromo-3-chloropropane  
 Concen: 0.137 ug/L  
 RT: 12.410 min Scan# 3536  
 Delta R.T. -0.010 min  
 Lab File: VV028722.D  
 Acq: 27 Oct 2022 16:01

Tgt Ion: 75 Resp: 184  
 Ion Ratio Lower Upper  
 75 100  
 155 0.0 58.2 87.2#  
 157 0.0 71.5 107.3#

