

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW101022\  
 Data File : VW028497.D  
 Acq On : 10 Oct 2022 16:07  
 Operator : SY/MD  
 Sample : N4973-14ME  
 Misc : 5.43g/5.0ml/100ul/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EY1A1ME

Quant Time: Oct 11 02:56:35 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM100722WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Oct 11 02:53:11 2022  
 Response via : Initial Calibration

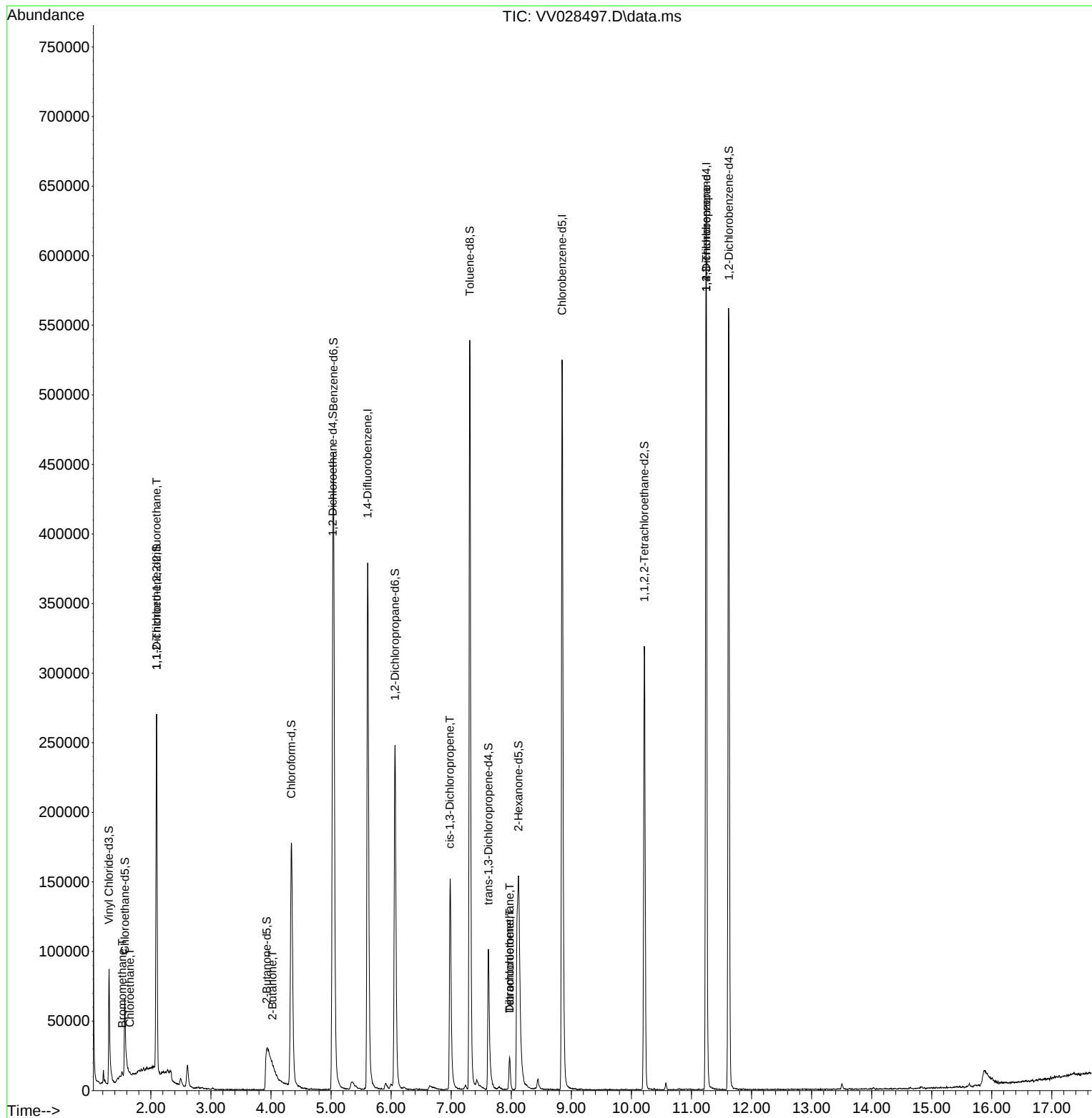
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.609          | 114  | 339940     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.847          | 117  | 322923     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246         | 152  | 169674     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304          | 65   | 75429      | 28.757   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 57.520%# |        |          |
| 7) Chloroethane-d5            | 1.568          | 69   | 57094      | 27.451   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 54.900%# |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.095          | 63   | 128285     | 28.737   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 57.480%# |        |          |
| 21) 2-Butanone-d5             | 3.931          | 46   | 45627      | 19.871   | ug/L   | 0.04     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 19.870%# |        |          |
| 24) Chloroform-d              | 4.339          | 84   | 189750     | 39.444   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 78.880%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.027          | 65   | 130057     | 41.920   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 83.840%  |        |          |
| 32) Benzene-d6                | 5.040          | 84   | 389299     | 37.622   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 75.240%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.066          | 67   | 120491     | 35.715   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 71.420%  |        |          |
| 41) Toluene-d8                | 7.310          | 98   | 366393     | 39.549   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 79.100%# |        |          |
| 43) trans-1,3-Dichloroprop... | 7.619          | 79   | 68927      | 40.083   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 80.160%  |        |          |
| 47) 2-Hexanone-d5             | 8.120          | 63   | 118741     | 64.700   | ug/L   | 0.04     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 64.700%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217         | 84   | 167650     | 36.314   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 72.620%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622         | 152  | 147084     | 41.836   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 83.680%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        |          |
| 6) Bromomethane               | 1.523          | 94   | 1562       | 1.185    | ug/L   | 86       |
| 8) Chloroethane               | 1.651          | 64   | 1097       | 0.625    | ug/L # | 55       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.095          | 101  | 1391       | 0.687    | ug/L # | 20       |
| 22) 2-Butanone                | 4.024          | 43   | 5007       | 2.135    | ug/L   | 91       |
| 39) cis-1,3-Dichloropropene   | 6.979          | 75   | 4421       | 0.976    | ug/L   | 83       |
| 46) Tetrachloroethene         | 7.973          | 164  | 5249       | 2.773    | ug/L   | 93       |
| 49) Dibromochloromethane      | 7.973          | 129  | 4559       | 1.608    | ug/L # | 11       |
| 61) 1,2,3-Trichloropropane    | 11.246         | 75   | 19576      | 5.419    | ug/L # | 66       |
| -----                         |                |      |            |          |        |          |

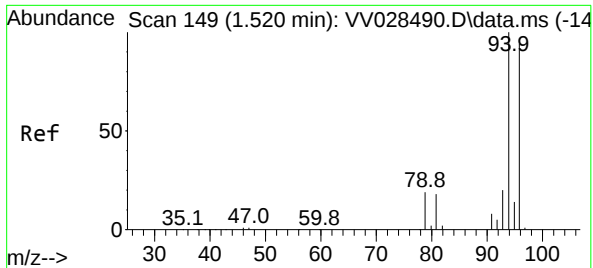
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Tue Oct 11 02:53:11 2022  
Response via : Initial Calibration

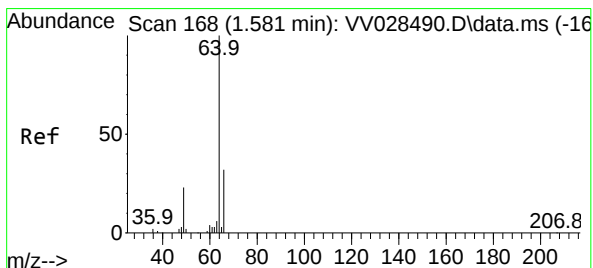
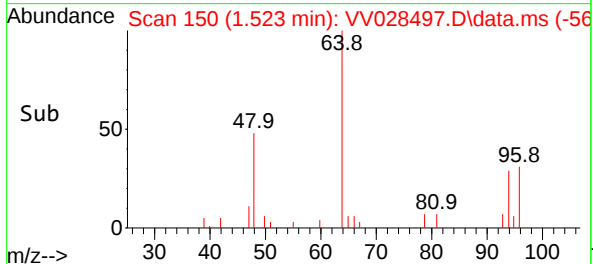
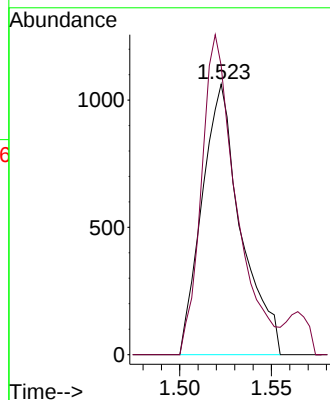
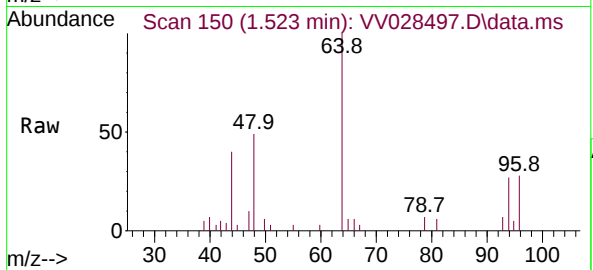




#6  
Bromomethane  
Concen: 1.185 ug/L  
RT: 1.523 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VV028497.D  
Acq: 10 Oct 2022 16:07

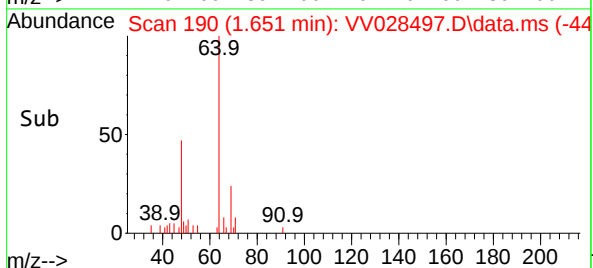
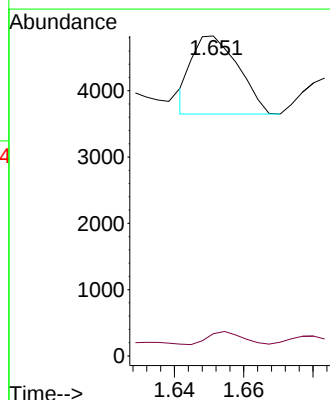
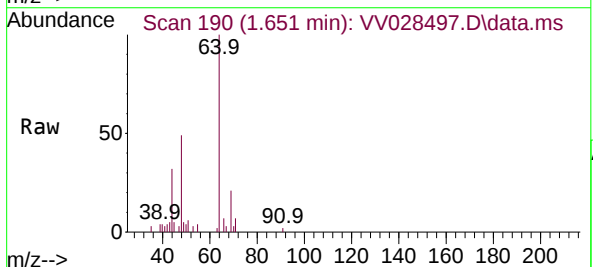
Instrument :  
MSVOA\_V  
ClientSampleId :  
EY1A1ME

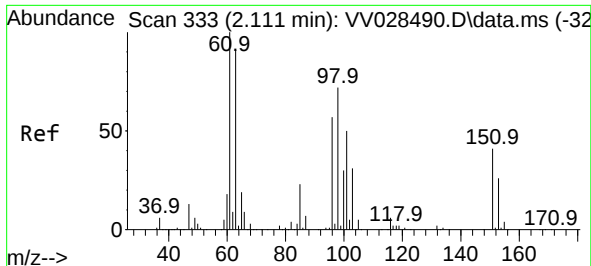
Tgt Ion: 94 Resp: 1562  
Ion Ratio Lower Upper  
94 100  
96 106.9 65.5 121.6



#8  
Chloroethane  
Concen: 0.625 ug/L  
RT: 1.651 min Scan# 190  
Delta R.T. 0.071 min  
Lab File: VV028497.D  
Acq: 10 Oct 2022 16:07

Tgt Ion: 64 Resp: 1097  
Ion Ratio Lower Upper  
64 100  
66 7.0 22.2 41.2#

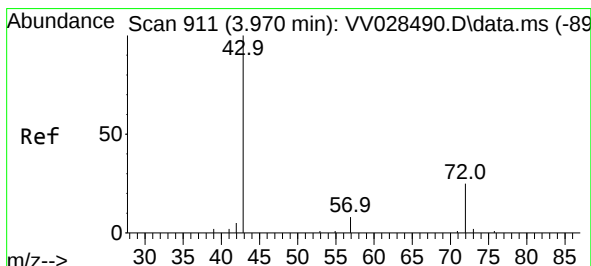
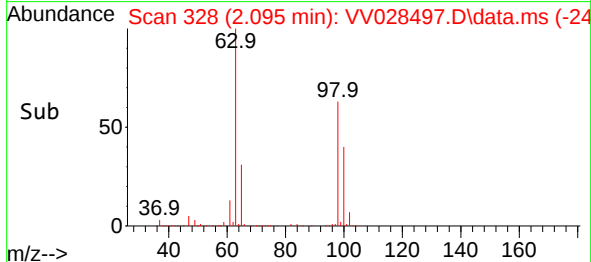
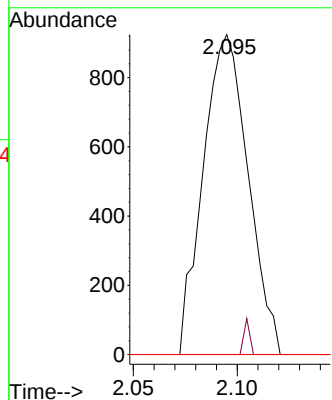
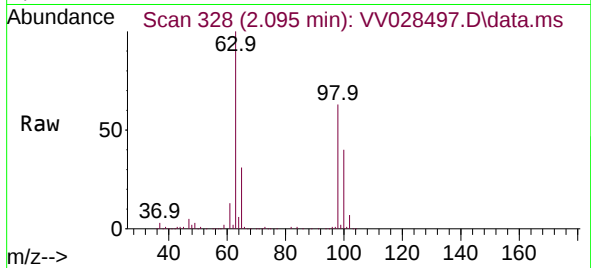




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.687 ug/L  
 RT: 2.095 min Scan# 31  
 Delta R.T. -0.016 min  
 Lab File: VV028497.D  
 Acq: 10 Oct 2022 16:07

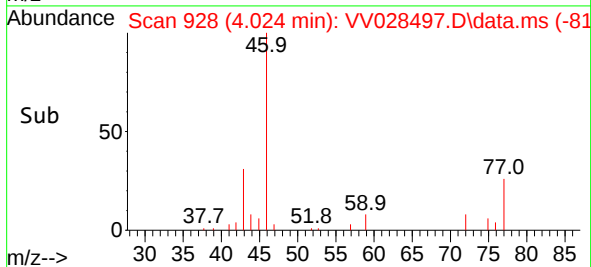
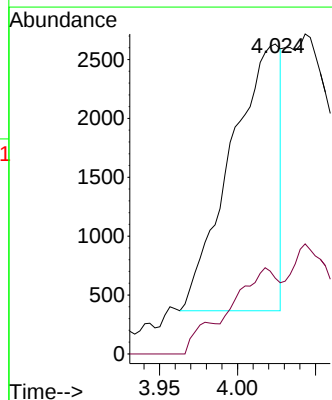
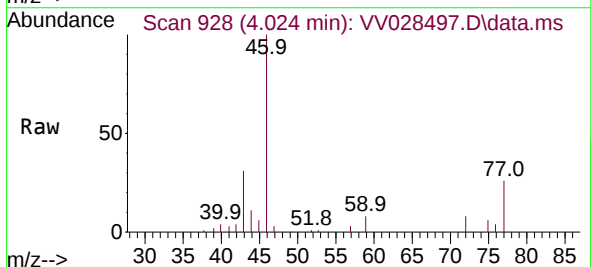
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EY1A1ME

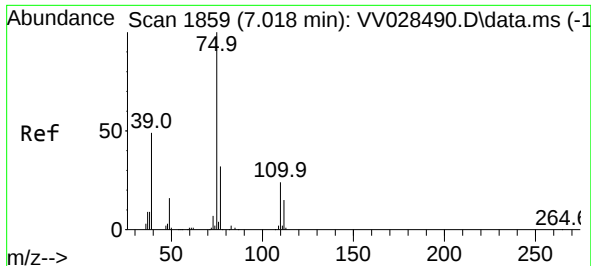
Tgt Ion:101 Resp: 1391  
 Ion Ratio Lower Upper  
 101 100  
 85 0.0 34.9 52.3#  
 151 0.0 59.2 88.8#



#22  
 2-Butanone  
 Concen: 2.135 ug/L  
 RT: 4.024 min Scan# 928  
 Delta R.T. 0.055 min  
 Lab File: VV028497.D  
 Acq: 10 Oct 2022 16:07

Tgt Ion: 43 Resp: 5007  
 Ion Ratio Lower Upper  
 43 100  
 72 17.7 11.1 33.1





#39

cis-1,3-Dichloropropene

Concen: 0.976 ug/L

RT: 6.979 min Scan# 1847

Delta R.T. -0.039 min

Lab File: VV028497.D

Acq: 10 Oct 2022 16:07

Instrument :

MSVOA\_V

ClientSampleId :

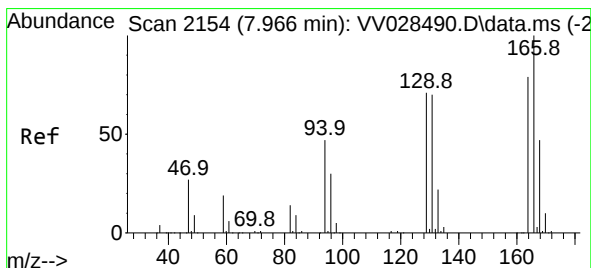
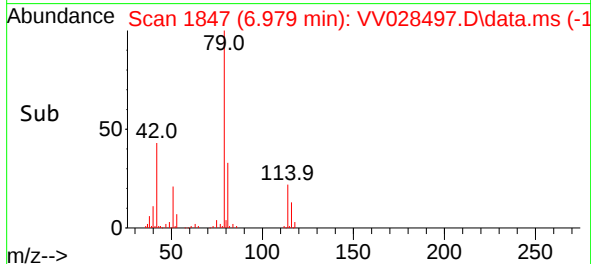
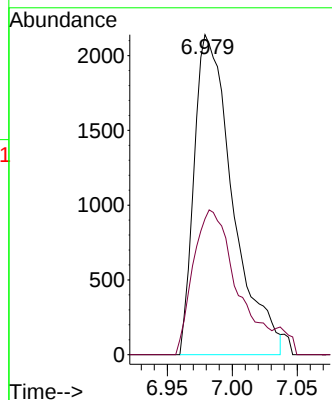
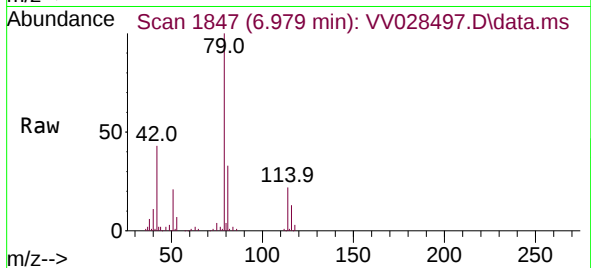
EY1A1ME

Tgt Ion: 75 Resp: 4421

Ion Ratio Lower Upper

75 100

77 42.5 23.2 43.0



#46

Tetrachloroethene

Concen: 2.773 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.006 min

Lab File: VV028497.D

Acq: 10 Oct 2022 16:07

Tgt Ion: 164 Resp: 5249

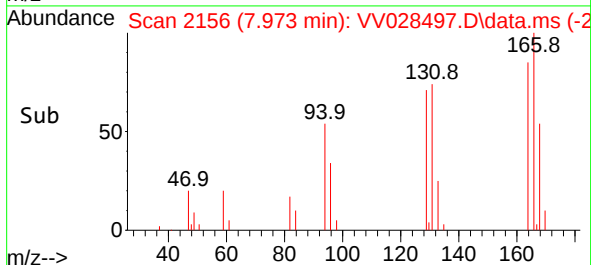
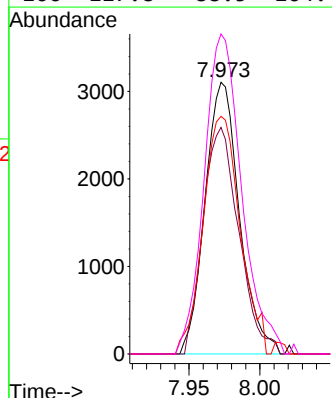
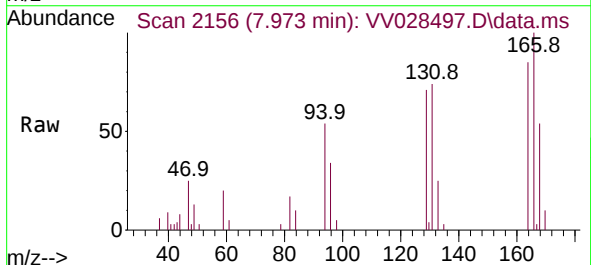
Ion Ratio Lower Upper

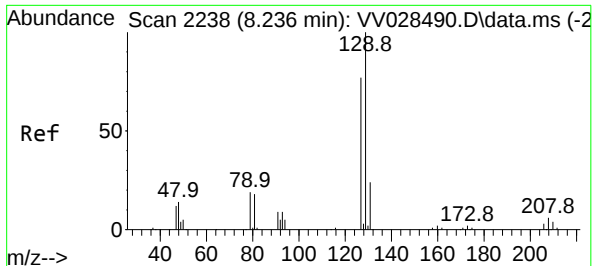
164 100

129 88.2 67.4 125.2

131 87.4 65.2 121.2

166 117.8 88.5 164.4





#49

Dibromochloromethane

Concen: 1.608 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.264 min

Lab File: VV028497.D

Acq: 10 Oct 2022 16:07

Instrument :

MSVOA\_V

ClientSampleId :

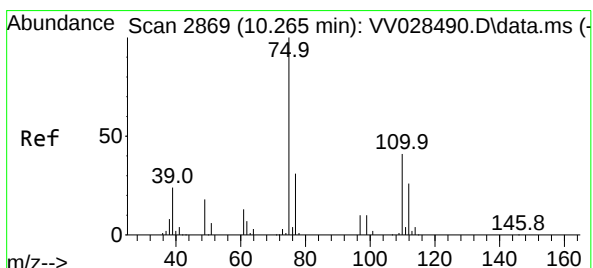
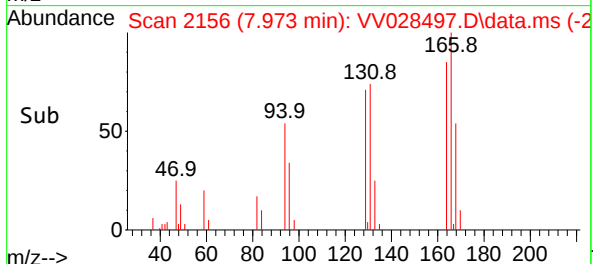
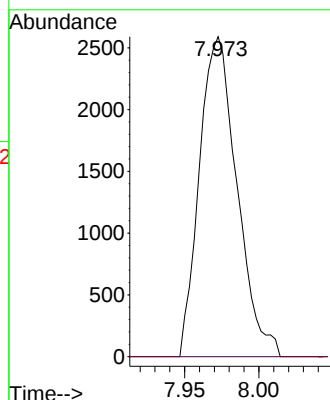
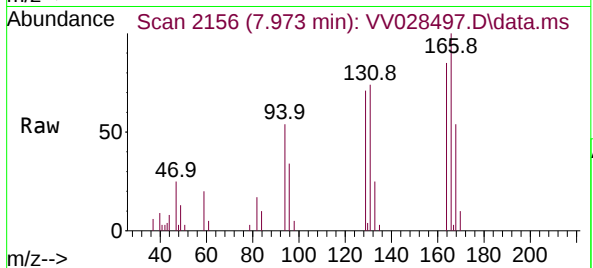
EY1A1ME

Tgt Ion:129 Resp: 4559

Ion Ratio Lower Upper

129 100

127 0.0 53.6 99.6#



#61

1,2,3-Trichloropropane

Concen: 5.419 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.981 min

Lab File: VV028497.D

Acq: 10 Oct 2022 16:07

Tgt Ion: 75 Resp: 19576

Ion Ratio Lower Upper

75 100

77 34.7 25.7 38.5

110 2.6 30.0 45.0#

