

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU061323\  
 Data File : VU054505.D  
 Acq On : 13 Jun 2023 12:52  
 Operator : MD/SY  
 Sample : 03104-19DL 20X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 CONR2DL

Quant Time: Jun 14 00:08:05 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR060723WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Jun 14 00:05:43 2023  
 Response via : Initial Calibration

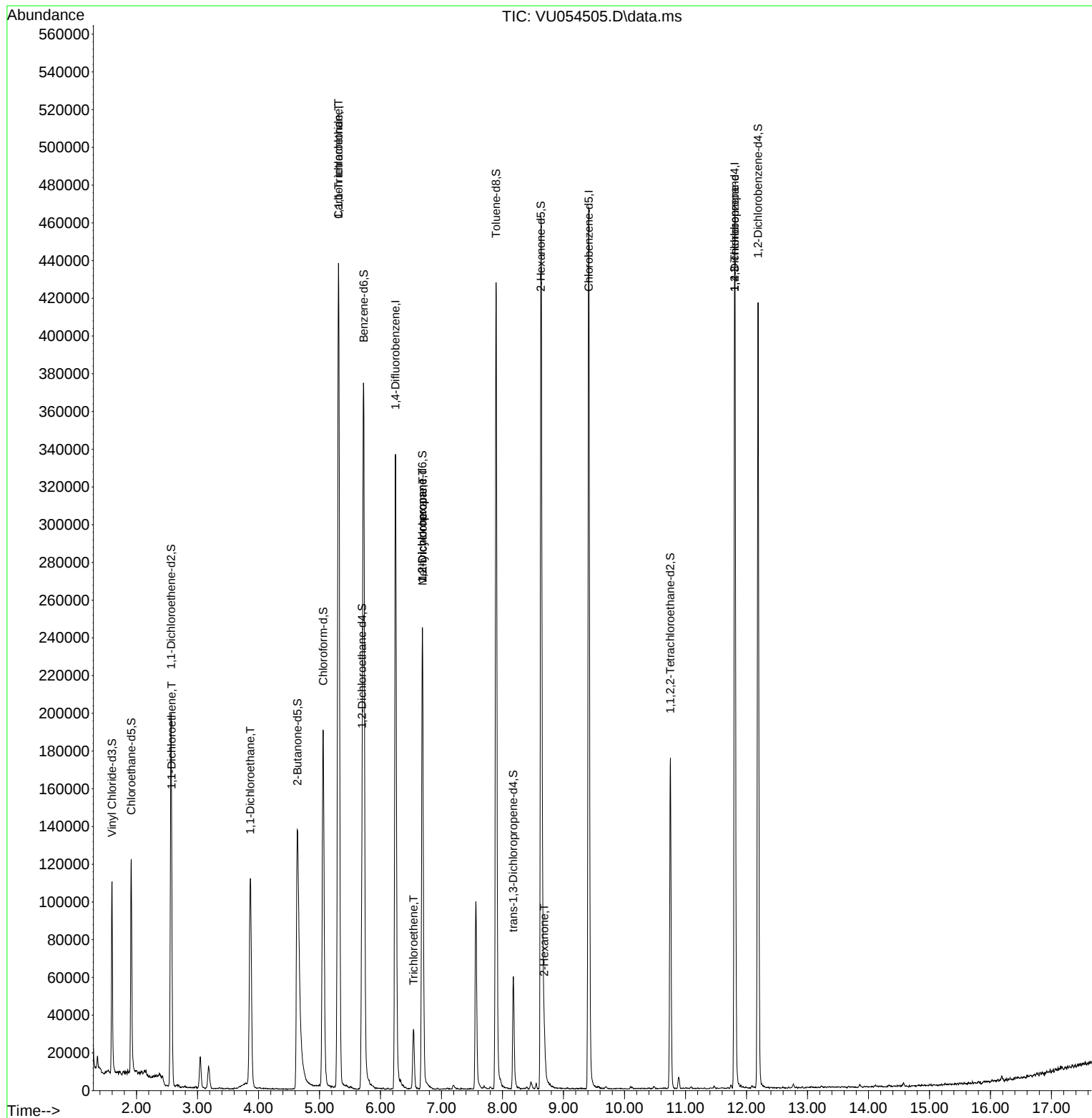
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114            | 278697   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117            | 267679   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152            | 129034   | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.599  | 65             | 76841    | 4.332  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 86.600%  |          |
| 7) Chloroethane-d5            | 1.914  | 69             | 87838    | 5.289  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 105.800% |          |
| 11) 1,1-Dichloroethene-d2     | 2.567  | 65             | 34942    | 4.411  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 88.200%  |          |
| 20) 2-Butanone-d5             | 4.637  | 46             | 255631   | 51.262 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 102.520% |          |
| 24) Chloroform-d              | 5.058  | 84             | 180161   | 4.859  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 97.200%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65             | 91319    | 5.053  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 101.000% |          |
| 32) Benzene-d6                | 5.724  | 84             | 352478   | 4.737  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 94.800%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67             | 123548   | 4.972  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 99.400%  |          |
| 41) Toluene-d8                | 7.894  | 98             | 297427   | 4.504  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 90.000%  |          |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79             | 36567    | 4.232  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 84.600%  |          |
| 46) 2-Hexanone-d5             | 8.631  | 63             | 161035   | 44.418 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 88.840%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84             | 89753    | 4.843  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 96.800%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152            | 108642   | 4.992  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 99.800%  |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          |          |
| 12) 1,1-Dichloroethene        | 2.576  | 96             | 10689    | 0.529  | ug/L #   | 1        |
| 19) 1,1-Dichloroethane        | 3.866  | 63             | 135725   | 3.142  | ug/L     | 100      |
| 29) 1,1,1-Trichloroethane     | 5.312  | 97             | 320865   | 8.840  | ug/L     | 99       |
| 31) Carbon tetrachloride      | 5.312  | 117            | 43180    | 1.381  | ug/L     | 98       |
| 34) Trichloroethene           | 6.541  | 95             | 11137    | 0.438  | ug/L     | 97       |
| 35) Methylcyclohexane         | 6.689  | 83             | 28211    | 0.734  | ug/L #   | 16       |
| 37) 1,2-Dichloropropane       | 6.685  | 63             | 12785    | 0.492  | ug/L #   | 88       |
| 48) 2-Hexanone                | 8.685  | 43             | 14474    | 1.399  | ug/L     | 90       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75             | 15644    | 1.200  | ug/L #   | 70       |
| -----                         |        |                |          |        |          |          |

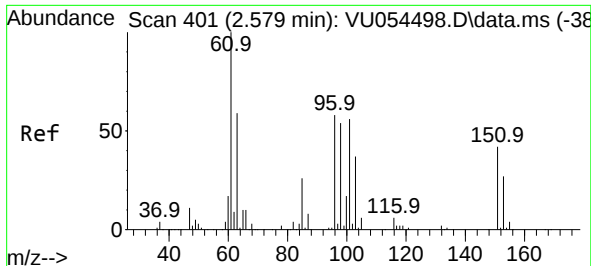
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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CONR2DL

Quant Time: Jun 14 00:08:05 2023  
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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Jun 14 00:05:43 2023  
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.529 ug/L

RT: 2.576 min Scan# 401

Delta R.T. -0.003 min

Lab File: VU054505.D

Acq: 13 Jun 2023 12:52

Instrument :

MSVOA\_U

ClientSampleId :

C0NR2DL

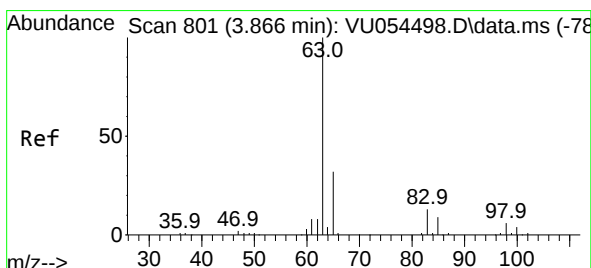
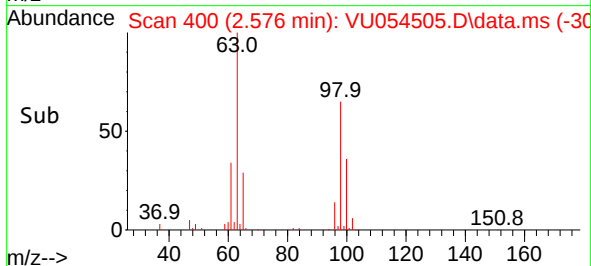
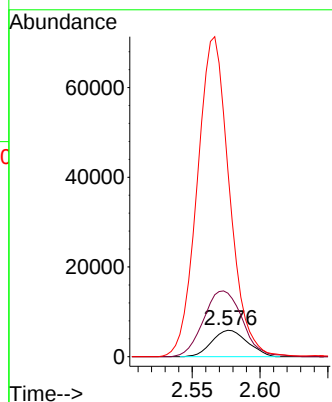
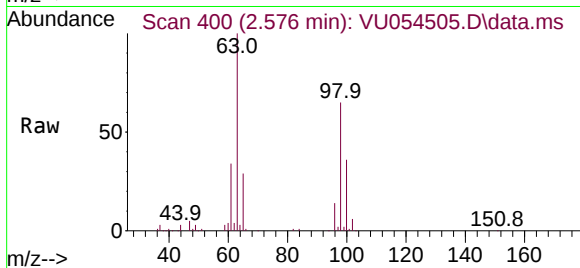
Tgt Ion: 96 Resp: 10689

Ion Ratio Lower Upper

96 100

61 240.6 119.9 222.7#

63 705.7 64.3 119.3#



#19

1,1-Dichloroethane

Concen: 3.142 ug/L

RT: 3.866 min Scan# 801

Delta R.T. 0.000 min

Lab File: VU054505.D

Acq: 13 Jun 2023 12:52

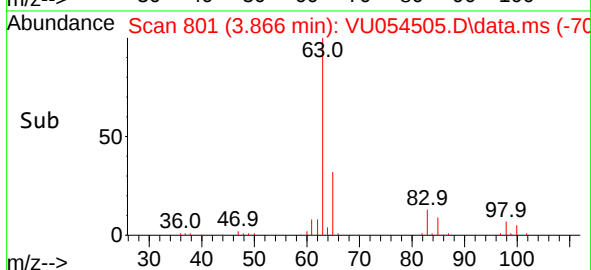
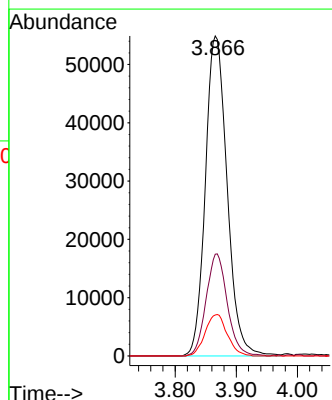
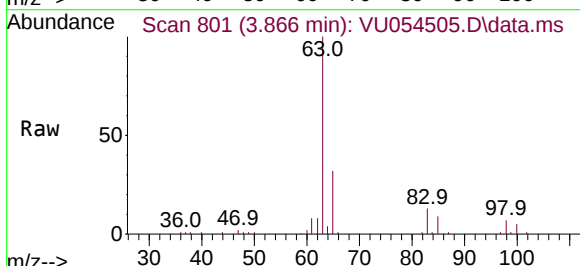
Tgt Ion: 63 Resp: 135725

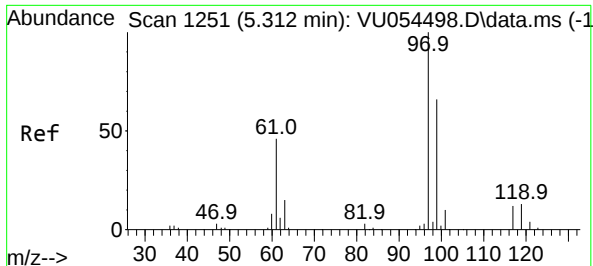
Ion Ratio Lower Upper

63 100

65 31.8 22.2 41.2

83 12.8 9.0 16.6

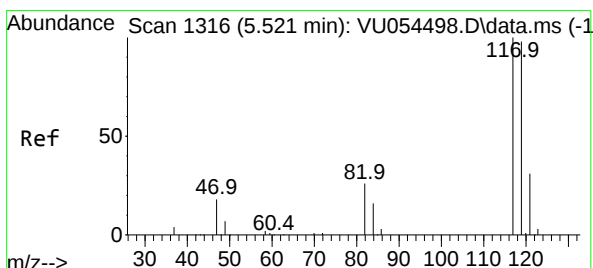
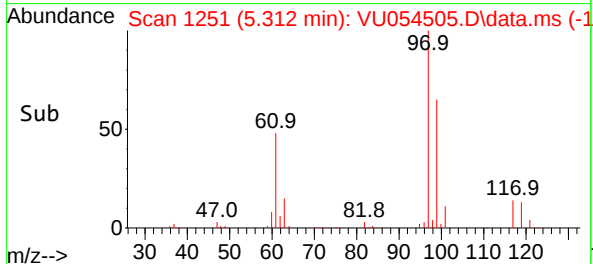
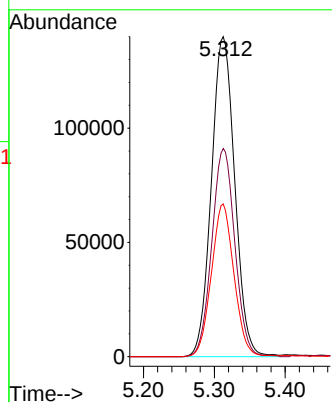
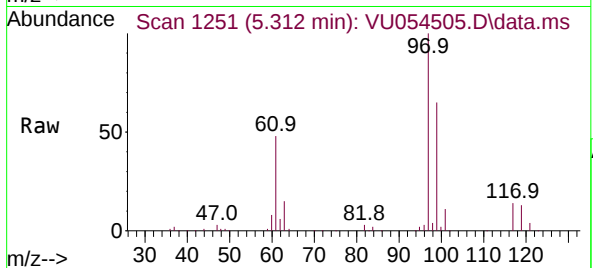




#29  
1,1,1-Trichloroethane  
Concen: 8.840 ug/L  
RT: 5.312 min Scan# 1251  
Delta R.T. 0.000 min  
Lab File: VU054505.D  
Acq: 13 Jun 2023 12:52

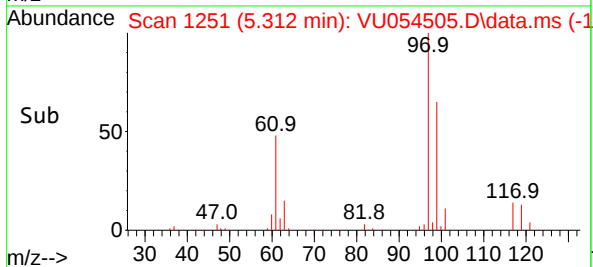
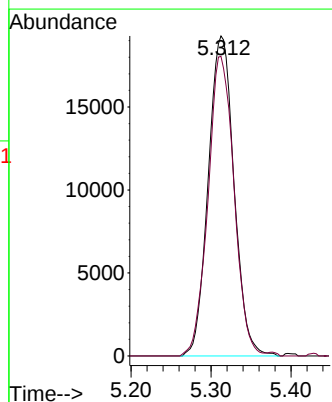
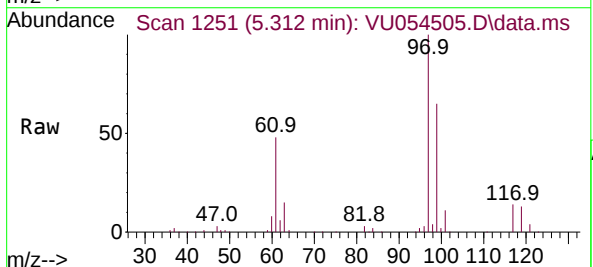
Instrument :  
MSVOA\_U  
ClientSampleId :  
CONR2DL

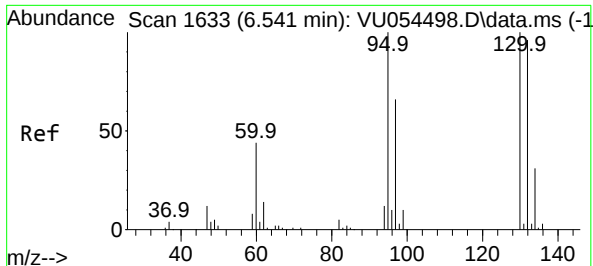
Tgt Ion: 97 Resp: 320865  
Ion Ratio Lower Upper  
97 100  
99 64.2 50.8 76.2  
61 46.2 36.1 54.1



#31  
Carbon tetrachloride  
Concen: 1.381 ug/L  
RT: 5.312 min Scan# 1251  
Delta R.T. -0.209 min  
Lab File: VU054505.D  
Acq: 13 Jun 2023 12:52

Tgt Ion: 117 Resp: 43180  
Ion Ratio Lower Upper  
117 100  
119 94.4 76.8 115.2



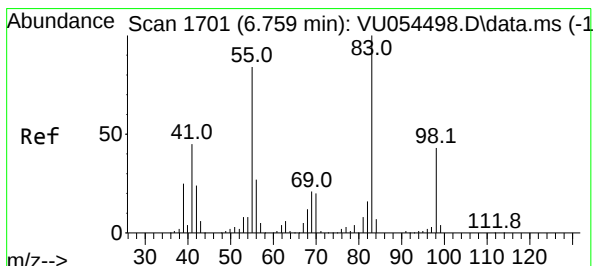
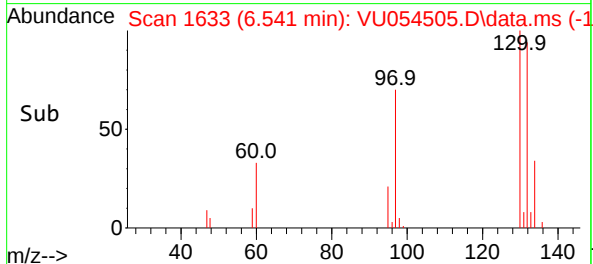
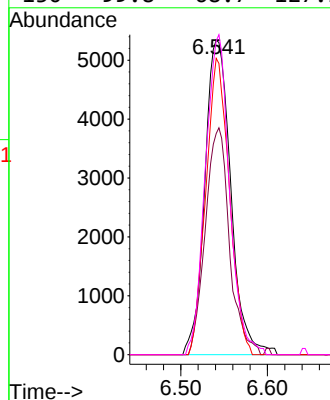
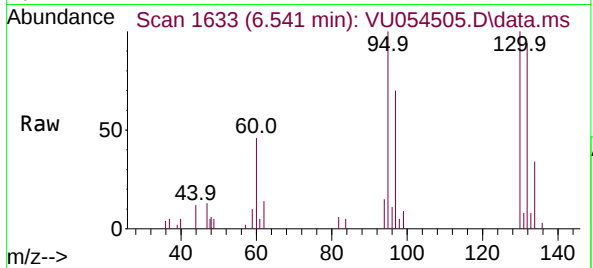


#34  
Trichloroethene  
Concen: 0.438 ug/L  
RT: 6.541 min Scan# 1633  
Delta R.T. 0.000 min  
Lab File: VU054505.D  
Acq: 13 Jun 2023 12:52

Instrument :  
MSVOA\_U  
ClientSampleId :  
CONR2DL

Tgt Ion: 95 Resp: 11137

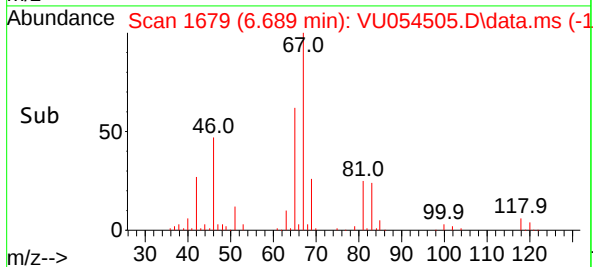
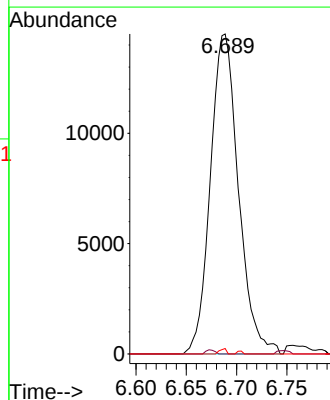
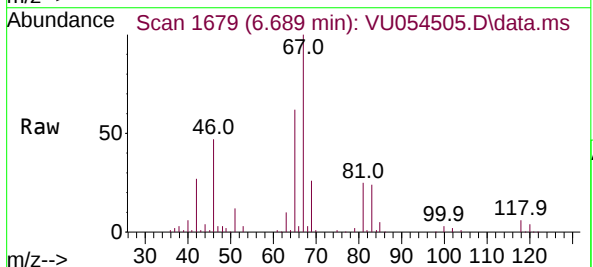
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 70.3  | 46.8  | 87.0  |
| 132 | 94.2  | 68.4  | 127.0 |
| 130 | 99.8  | 68.7  | 127.5 |

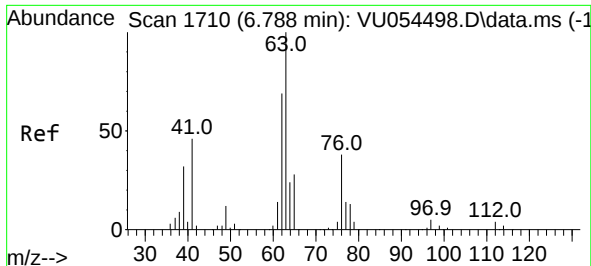


#35  
Methylcyclohexane  
Concen: 0.734 ug/L  
RT: 6.689 min Scan# 1679  
Delta R.T. -0.071 min  
Lab File: VU054505.D  
Acq: 13 Jun 2023 12:52

Tgt Ion: 83 Resp: 28211

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 83  | 100   |       |        |
| 55  | 0.4   | 67.1  | 100.7# |
| 98  | 0.4   | 35.1  | 52.7#  |





#37

1,2-Dichloropropane

Concen: 0.492 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU054505.D

Acq: 13 Jun 2023 12:52

Instrument :

MSVOA\_U

ClientSampleId :

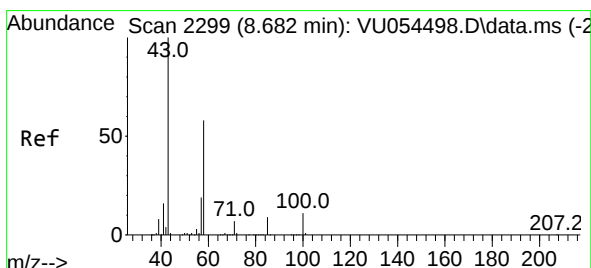
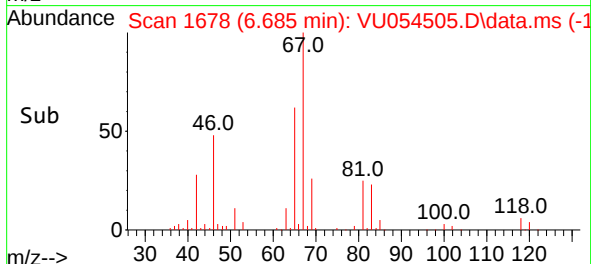
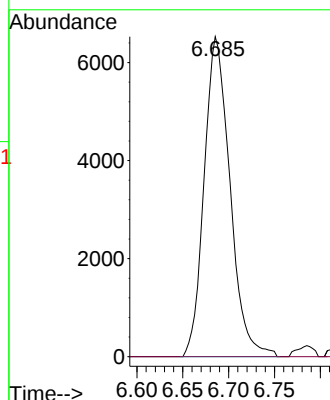
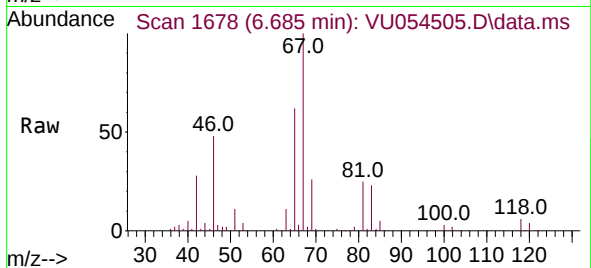
C0NR2DL

Tgt Ion: 63 Resp: 12785

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#48

2-Hexanone

Concen: 1.399 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU054505.D

Acq: 13 Jun 2023 12:52

Tgt Ion: 43 Resp: 14474

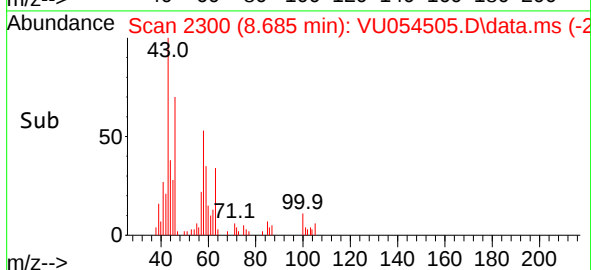
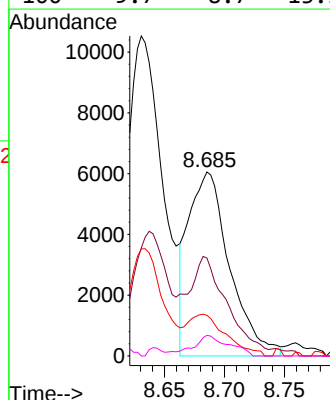
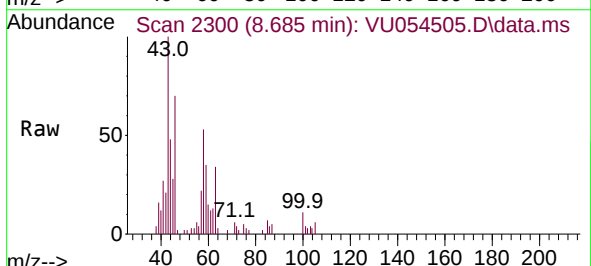
Ion Ratio Lower Upper

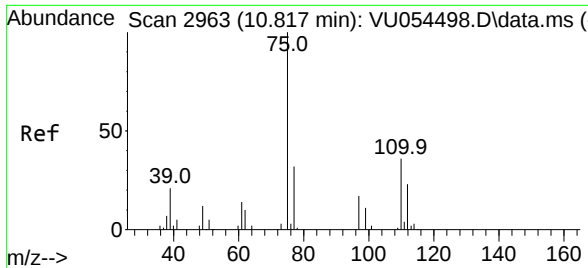
43 100

58 46.3 45.2 67.8

57 21.4 15.8 23.6

100 9.7 8.7 13.1





#61  
 1,2,3-Trichloropropane  
 Concen: 1.200 ug/L  
 RT: 11.807 min Scan# 31  
 Delta R.T. 0.990 min  
 Lab File: VU054505.D  
 Acq: 13 Jun 2023 12:52

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 CONR2DL

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 15644 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 3.0   | 28.0  | 42.0# |
| 77       | 33.7  | 25.4  | 38.2  |

