

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU042221\  
 Data File : VU043291.D  
 Acq On : 22 Apr 2021 20:24  
 Operator : SY/MD  
 Sample : M2127-09  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK001

Quant Time: Apr 22 23:44:21 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR041521WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Apr 22 23:39:31 2021  
 Response via : Initial Calibration

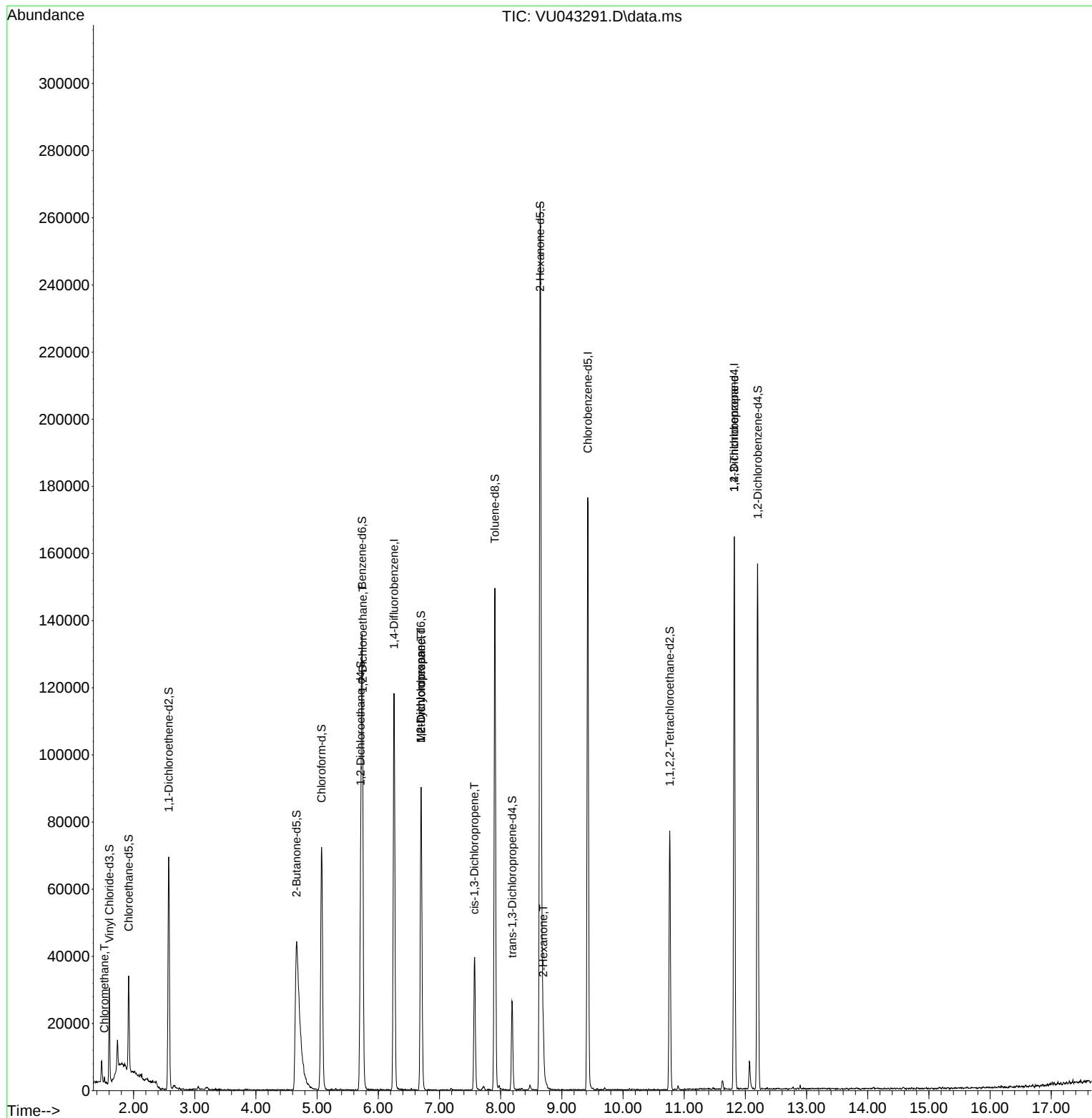
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.256  | 114   | 89091    | 5.00     | ug/L   | # 0.00   |
| 28) Chlorobenzene-d5          | 9.423  | 117   | 87414    | 5.00     | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819 | 152   | 38408    | 5.00     | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.604  | 65    | 18278    | 4.04     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 80.80%   |
| 7) Chloroethane-d5            | 1.919  | 69    | 18160    | 4.26     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 85.20%   |
| 11) 1,1-Dichloroethene-d2     | 2.575  | 65    | 13625    | 5.20     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 104.00%  |
| 20) 2-Butanone-d5             | 4.665  | 46    | 143591   | 72.26    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 144.52%# |
| 24) Chloroform-d              | 5.073  | 84    | 64425    | 5.59     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 111.80%  |
| 26) 1,2-Dichloroethane-d4     | 5.713  | 65    | 42984    | 5.52     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 110.40%  |
| 32) Benzene-d6                | 5.735  | 84    | 109875   | 5.40     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 108.00%  |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67    | 38013    | 5.63     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 112.60%  |
| 41) Toluene-d8                | 7.906  | 98    | 92686    | 4.38     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 87.60%   |
| 43) trans-1,3-Dichloroprop... | 8.189  | 79    | 14014    | 4.70     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 94.00%   |
| 46) 2-Hexanone-d5             | 8.645  | 63    | 87604    | 58.93    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 117.86%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764 | 84    | 36053    | 6.07     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 121.40%# |
| 66) 1,2-Dichlorobenzene-d4    | 12.201 | 152   | 38182    | 5.80     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 116.00%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Chloromethane              | 1.523  | 50    | 1393     | 0.25     | ug/L   | 87       |
| 27) 1,2-Dichloroethane        | 5.745  | 62    | 781      | 0.09     | ug/L   | # 74     |
| 35) Methylcyclohexane         | 6.700  | 83    | 9287     | 1.04     | ug/L   | # 19     |
| 37) 1,2-Dichloropropane       | 6.700  | 63    | 4703     | 0.71     | ug/L   | # 87     |
| 39) cis-1,3-Dichloropropene   | 7.571  | 75    | 1100     | 0.11     | ug/L   | # 82     |
| 48) 2-Hexanone                | 8.697  | 43    | 8162     | 1.88     | ug/L   | # 78     |
| 61) 1,2,3-Trichloropropane    | 11.819 | 75    | 5364     | 1.35     | ug/L   | # 61     |
| -----                         |        |       |          |          |        |          |

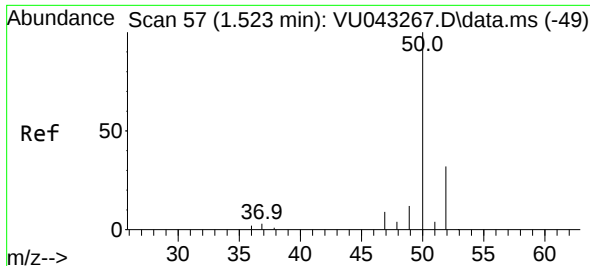
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Apr 22 23:39:31 2021  
Response via : Initial Calibration

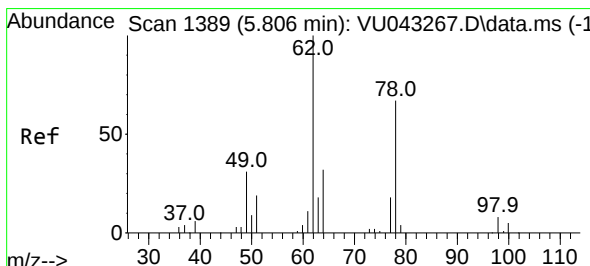
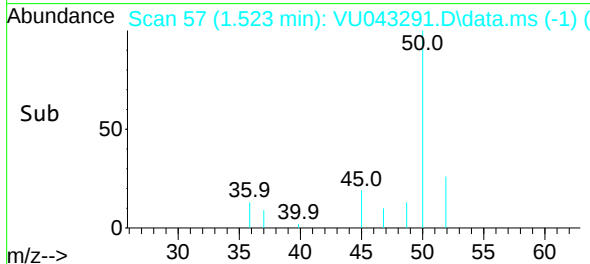
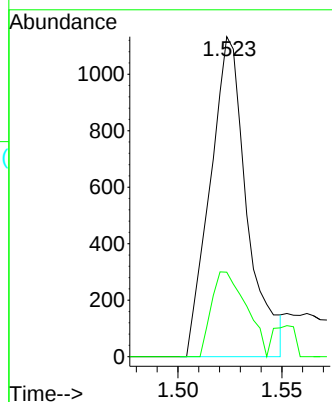
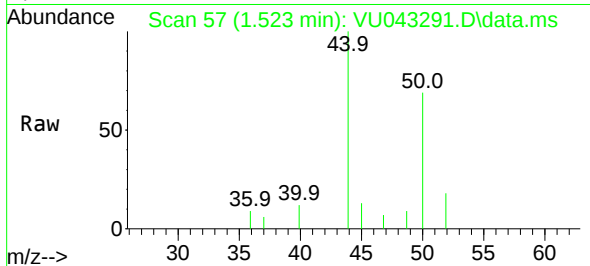




#3  
Chloromethane  
Concen: 0.25 ug/L  
RT: 1.523 min Scan# 57  
Delta R.T. 0.000 min  
Lab File: VU043291.D  
Acq: 22 Apr 2021 20:24

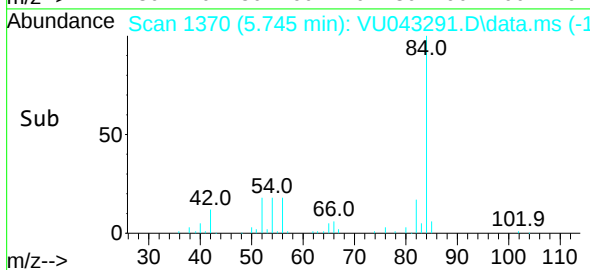
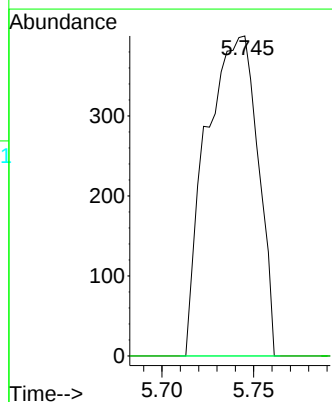
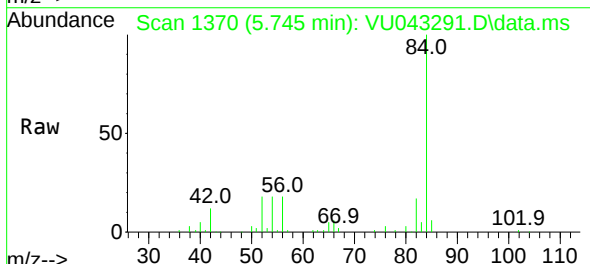
Instrument :  
MSVOA\_U  
ClientSampled :  
VHBLK001

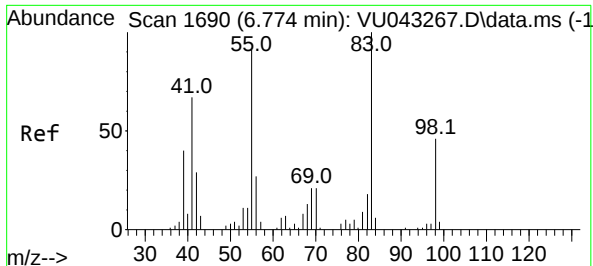
Tgt Ion: 50 Resp: 1393  
Ion Ratio Lower Upper  
50 100  
52 26.4 23.6 43.8



#27  
1,2-Dichloroethane  
Concen: 0.09 ug/L  
RT: 5.745 min Scan# 1370  
Delta R.T. -0.061 min  
Lab File: VU043291.D  
Acq: 22 Apr 2021 20:24

Tgt Ion: 62 Resp: 781  
Ion Ratio Lower Upper  
62 100  
98 0.0 7.5 11.3#





#35

Methylcyclohexane

Concen: 1.04 ug/L

RT: 6.700 min Scan# 1667

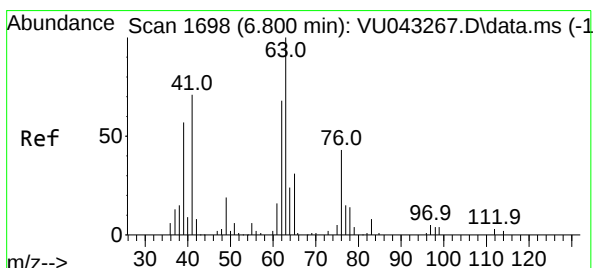
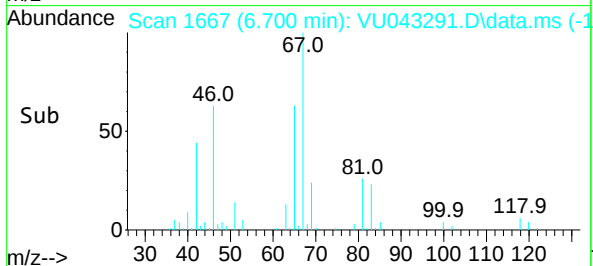
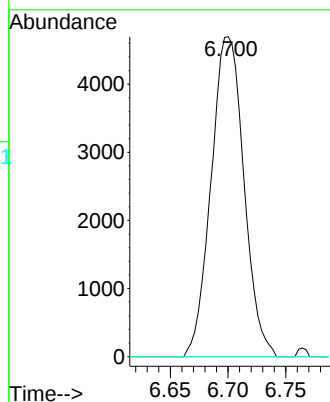
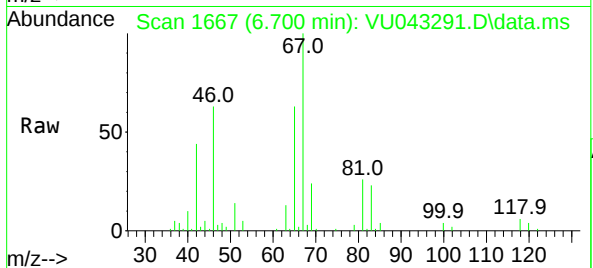
Delta R.T. -0.074 min

Lab File: VU043291.D

Acq: 22 Apr 2021 20:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 9287  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 0.0   | 59.5  | 89.3# |
| 98       | 0.0   | 37.9  | 56.9# |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VHBLK001



#37

1,2-Dichloropropane

Concen: 0.71 ug/L

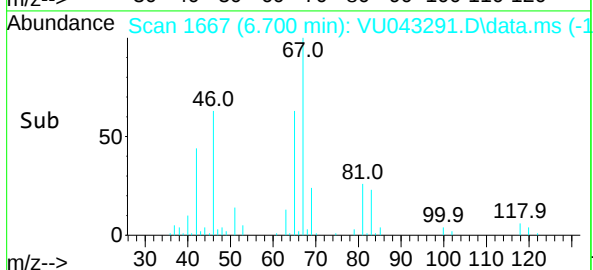
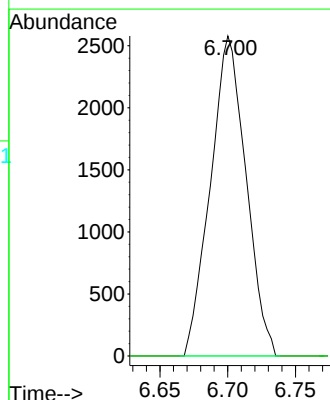
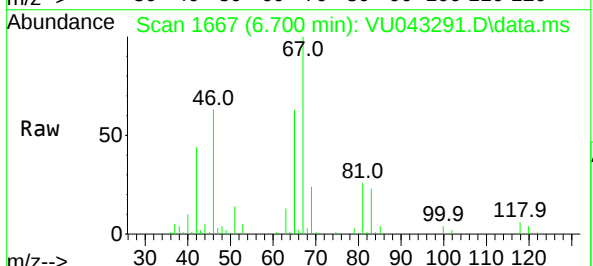
RT: 6.700 min Scan# 1667

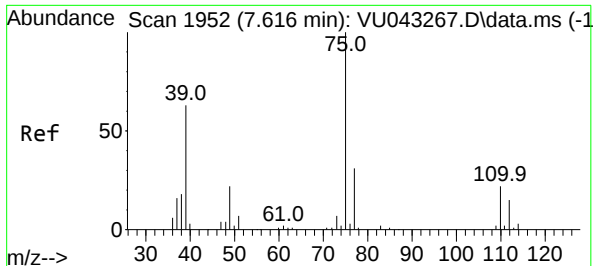
Delta R.T. -0.099 min

Lab File: VU043291.D

Acq: 22 Apr 2021 20:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 4703  |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 112      | 0.0   | 3.5   | 5.3#  |



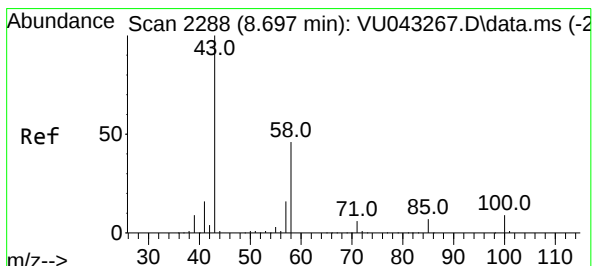
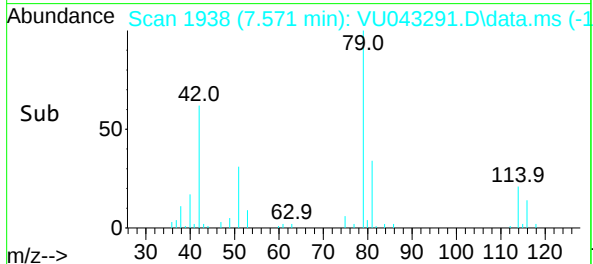
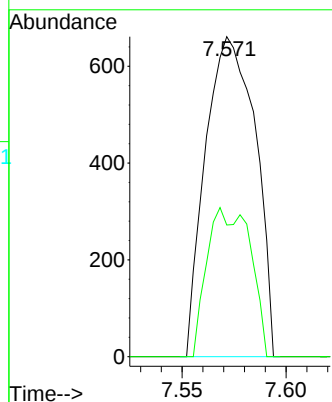
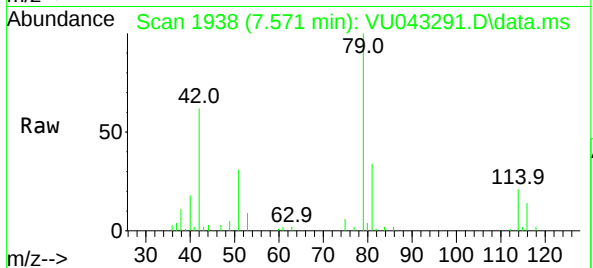


#39

cis-1,3-Dichloropropene  
Concen: 0.11 ug/L  
RT: 7.571 min Scan# 1938  
Delta R.T. -0.045 min  
Lab File: VU043291.D  
Acq: 22 Apr 2021 20:24

Instrument :  
MSVOA\_U  
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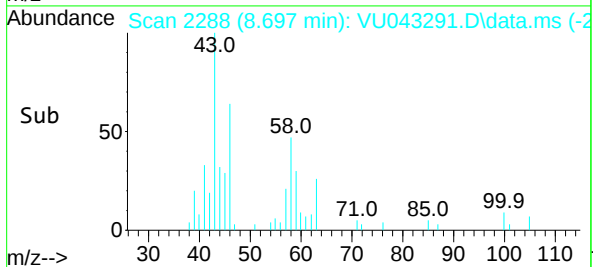
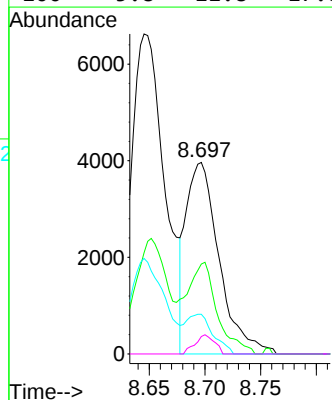
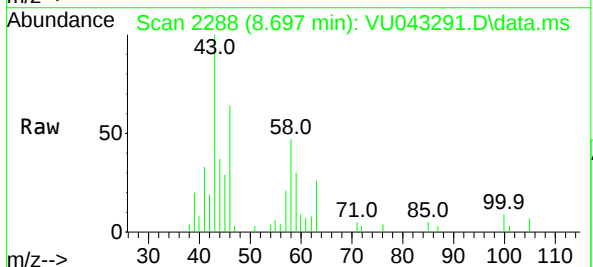
Tgt Ion: 75 Resp: 1100  
Ion Ratio Lower Upper  
75 100  
77 41.1 21.8 40.6#

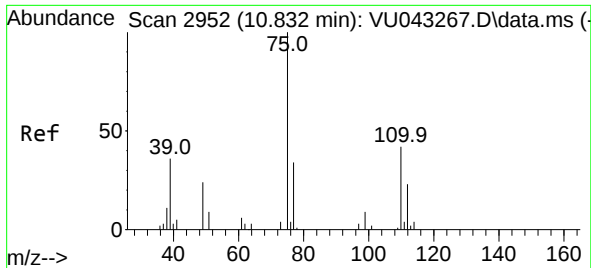


#48

2-Hexanone  
Concen: 1.88 ug/L  
RT: 8.697 min Scan# 2288  
Delta R.T. 0.000 min  
Lab File: VU043291.D  
Acq: 22 Apr 2021 20:24

Tgt Ion: 43 Resp: 8162  
Ion Ratio Lower Upper  
43 100  
58 42.4 50.0 75.0#  
57 17.3 17.4 26.0#  
100 5.8 11.8 17.8#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.35 ug/L  
 RT: 11.819 min Scan# 3259  
 Delta R.T. 0.987 min  
 Lab File: VU043291.D  
 Acq: 22 Apr 2021 20:24

Instrument :  
 MSVOA\_U  
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Tgt Ion: 75 Resp: 5364  
 Ion Ratio Lower Upper  
 75 100  
 110 1.3 31.5 47.3#  
 77 39.4 26.3 39.5

