

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062920\  
 Data File : VU039195.D  
 Acq On : 29 Jun 2020 16:46  
 Operator : SY/MD  
 Sample : L3139-02  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AA3

Quant Time: Jun 30 01:39:32 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR062920WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Jun 30 01:35:59 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 251078   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.43  | 117  | 253005   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.82 | 152  | 112424   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 86370    | 3.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 75.00%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 72421    | 3.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 79.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 120060   | 2.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 55.80%# |
| 20) 2-Butanone-d5              | 4.67   | 46    | 311360   | 44.23    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 88.46%  |
| 24) Chloroform-d               | 5.10   | 84    | 162072   | 3.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 79.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 102146   | 4.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 80.40%  |
| 32) Benzene-d6                 | 5.76   | 84    | 298298   | 3.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 75.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 101697   | 4.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 80.80%  |
| 41) Toluene-d8                 | 7.92   | 98    | 232016   | 3.35     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 67.00%# |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 43560    | 3.72     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 74.40%  |
| 46) 2-Hexanone-d5              | 8.65   | 63    | 224860   | 42.17    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 84.34%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 84569    | 3.64     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 72.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.20  | 152   | 99184    | 4.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 84.00%  |

## Target Compounds

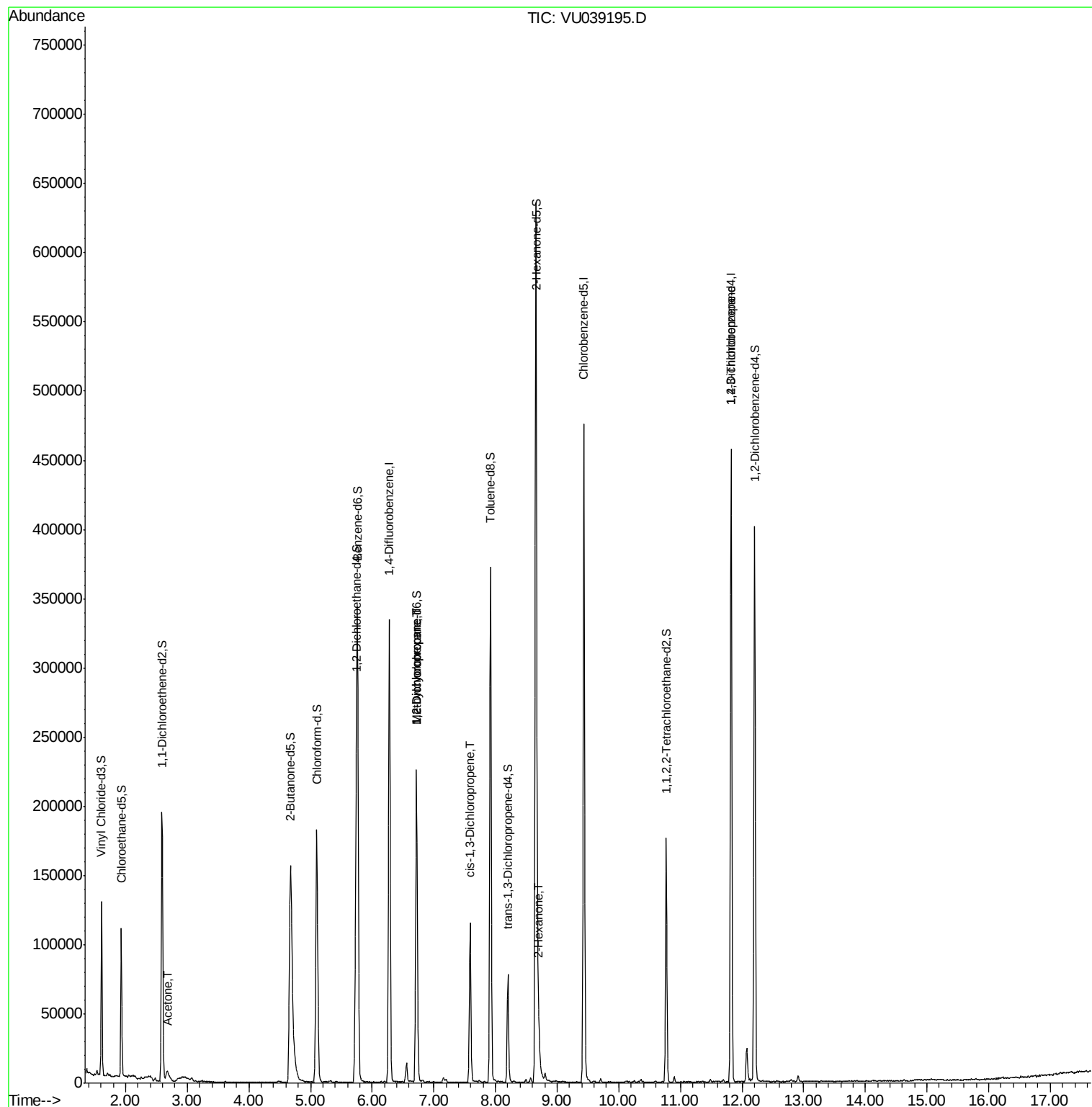
|                             |       |    |       |       | Ovalue    |
|-----------------------------|-------|----|-------|-------|-----------|
| 13) Acetone                 | 2.68  | 43 | 16380 | 3.796 | ug/L 89   |
| 35) Methylcyclohexane       | 6.72  | 83 | 24505 | 0.789 | ug/L # 17 |
| 37) 1,2-Dichloropropane     | 6.72  | 63 | 11506 | 0.532 | ug/L # 87 |
| 39) cis-1,3-Dichloropropene | 7.59  | 75 | 3063  | 0.099 | ug/L 86   |
| 48) 2-Hexanone              | 8.71  | 43 | 17080 | 1.432 | ug/L # 89 |
| 59) 1,2,3-Trichloropropane  | 11.82 | 75 | 15727 | 0.966 | ug/L 89   |

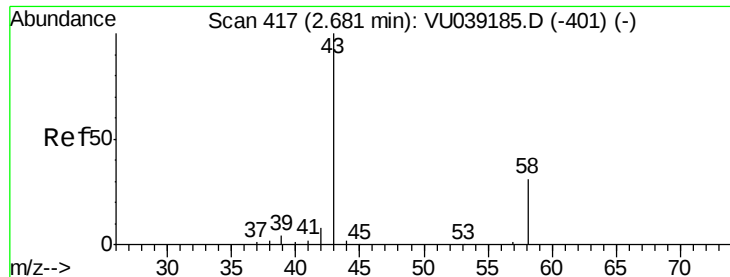
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

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ClientSampleId :  
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Quant Title : TRACE VOA SOM01.0  
QLast Update : Tue Jun 30 01:35:59 2020  
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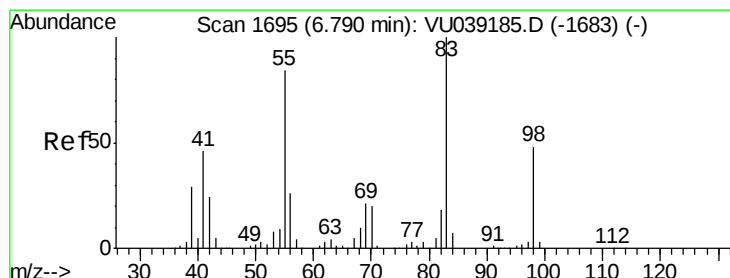
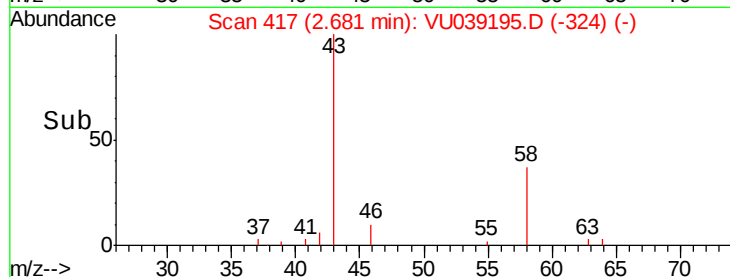
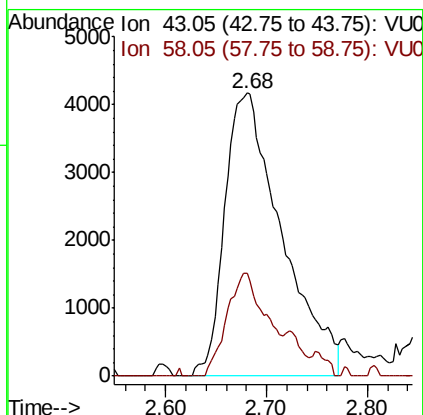
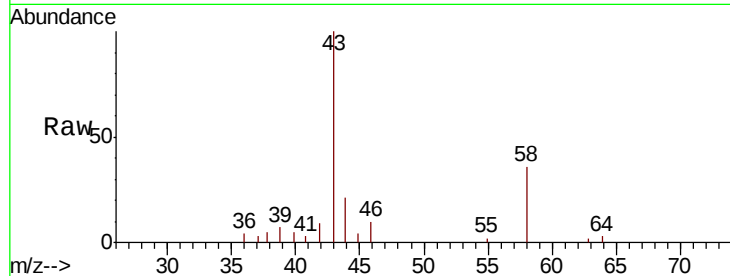




#13  
Acetone  
Concen: 3.796 ug/L  
RT: 2.68 min Scan# 417  
Delta R.T. -0.00 min  
Lab File: VU039195.D  
Acq: 29 Jun 2020 16:46

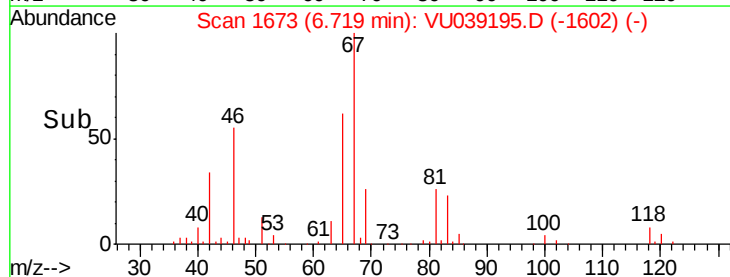
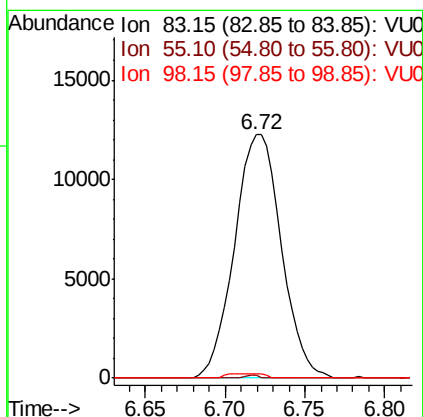
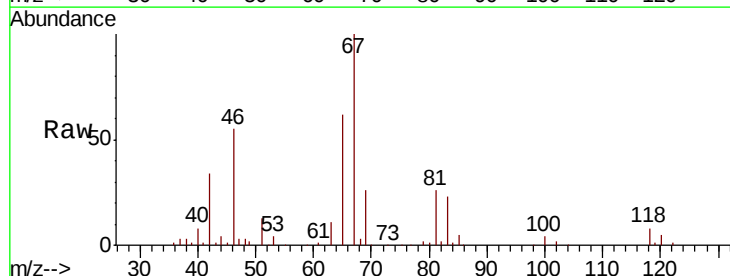
Instrument :  
MSVOA\_U  
ClientSampleId :  
C0AA3

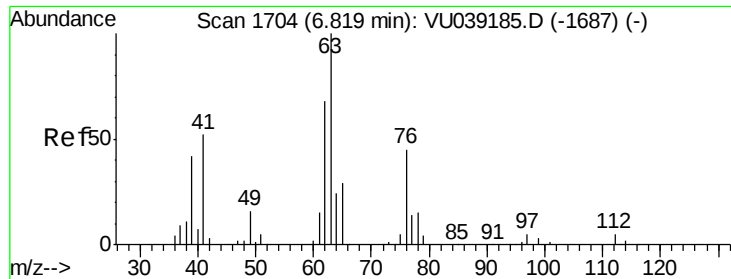
Tot Ion: 43 Resp: 16380  
Ion Ratio Lower Upper  
43 100  
58 25.2 0.0 63.2



#35  
Methylcyclohexane  
Concen: 0.789 ug/L  
RT: 6.72 min Scan# 1673  
Delta R.T. -0.07 min  
Lab File: VU039195.D  
Acq: 29 Jun 2020 16:46

Tgt Ion: 83 Resp: 24505  
Ion Ratio Lower Upper  
83 100  
55 0.3 65.5 98.3#  
98 1.3 38.2 57.4#

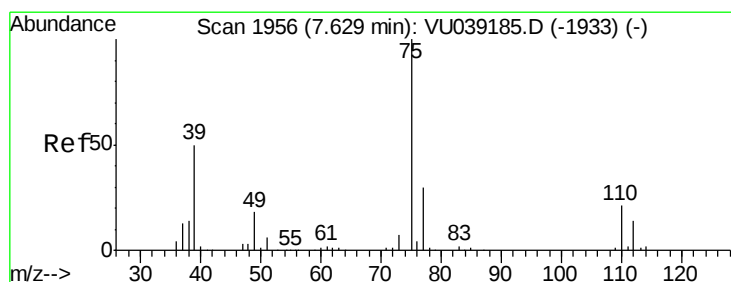
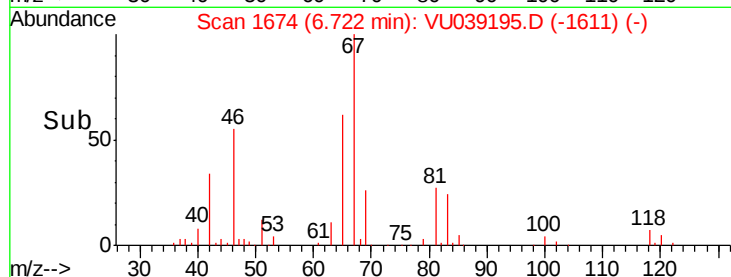
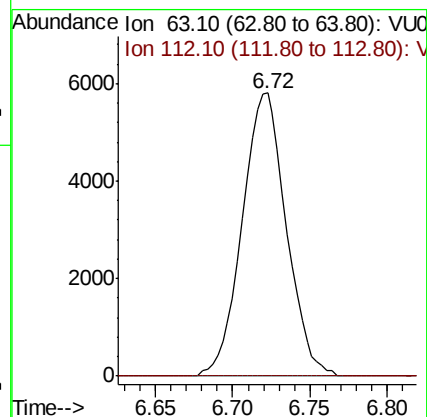
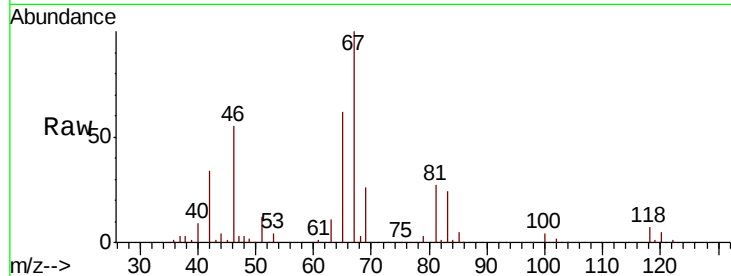




#37  
 1,2-Dichloropropane  
 Concen: 0.532 ug/L  
 RT: 6.72 min Scan# 1674  
 Delta R.T. -0.10 min  
 Lab File: VU039195.D  
 Acq: 29 Jun 2020 16:46

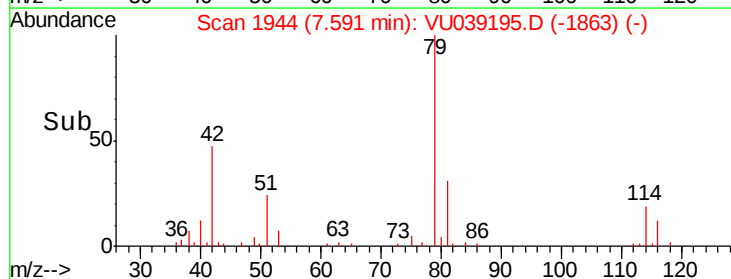
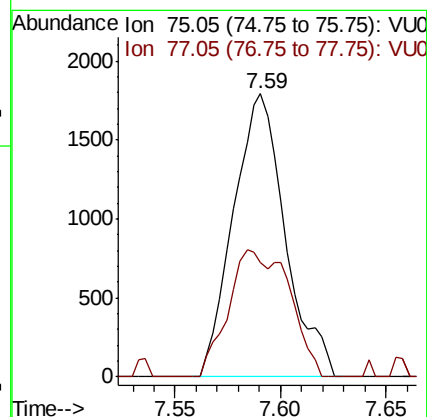
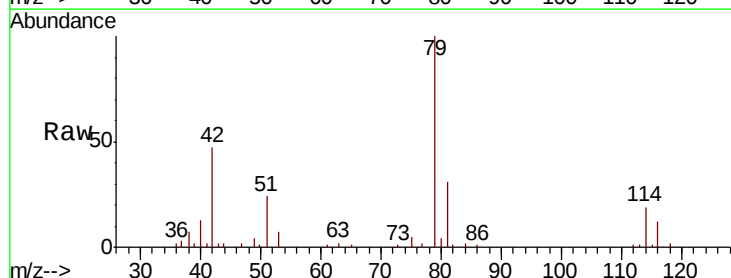
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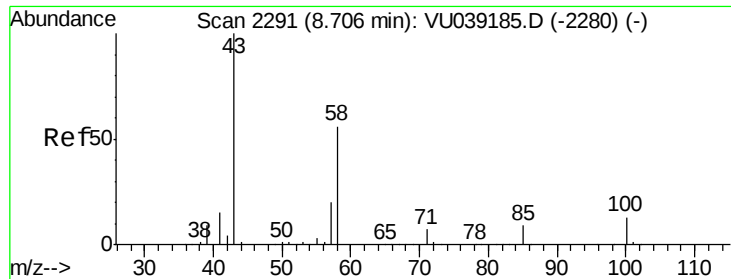
Tot Ion: 63 Resp: 11506  
 Ion Ratio Lower Upper  
 63 100  
 112 0.0 3.4 5.2#



#39  
 cis-1,3-Dichloropropene  
 Concen: 0.099 ug/L  
 RT: 7.59 min Scan# 1944  
 Delta R.T. -0.04 min  
 Lab File: VU039195.D  
 Acq: 29 Jun 2020 16:46

Tgt Ion: 75 Resp: 3063  
 Ion Ratio Lower Upper  
 75 100  
 77 40.3 22.7 42.1

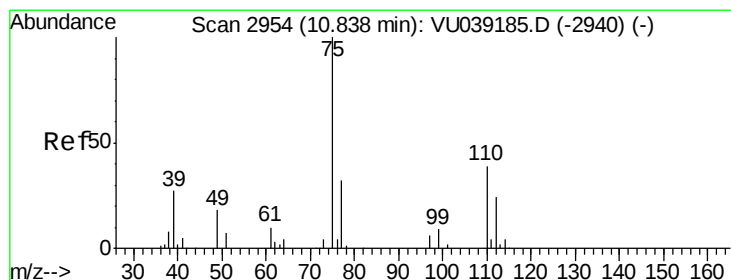
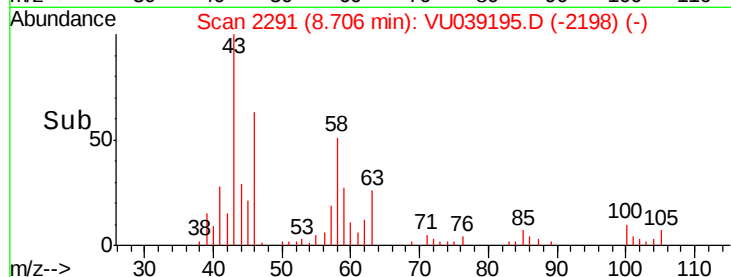
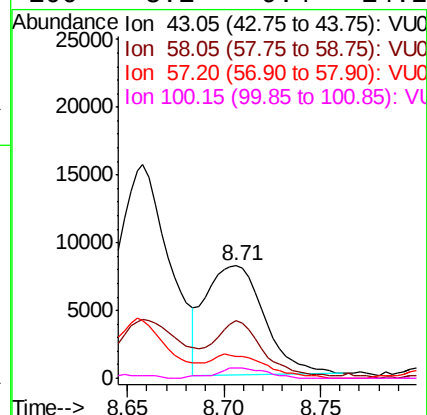
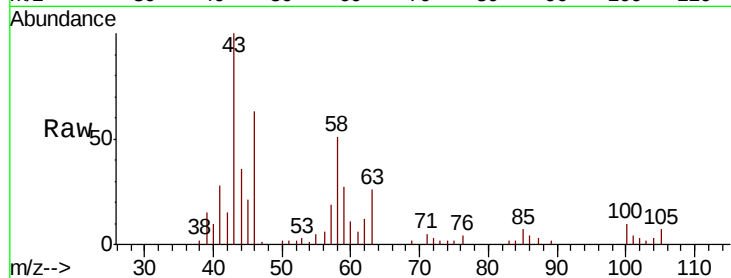




#48  
 2-Hexanone  
 Concen: 1.432 ug/L  
 RT: 8.71 min Scan# 2291  
 Delta R.T. -0.00 min  
 Lab File: VU039195.D  
 Acq: 29 Jun 2020 16:46

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AA3

Tot Ion: 43 Resp: 17080  
 Ion Ratio Lower Upper  
 43 100  
 58 44.8 43.6 65.4  
 57 20.9 15.6 23.4  
 100 8.1 9.4 14.2#



#59  
 1,2,3-Trichloropropane  
 Concen: 0.966 ug/L  
 RT: 11.82 min Scan# 3260  
 Delta R.T. 0.98 min  
 Lab File: VU039195.D  
 Acq: 29 Jun 2020 16:46

Tgt Ion: 75 Resp: 15727  
 Ion Ratio Lower Upper  
 75 100  
 77 38.1 25.6 38.4

