

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU042021\  
 Data File : VU043214.D  
 Acq On : 20 Apr 2021 10:37  
 Operator : SY/MD  
 Sample : VU0420WBL01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Apr 21 04:59:04 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR041521WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Apr 21 04:57:57 2021  
 Response via : Initial Calibration

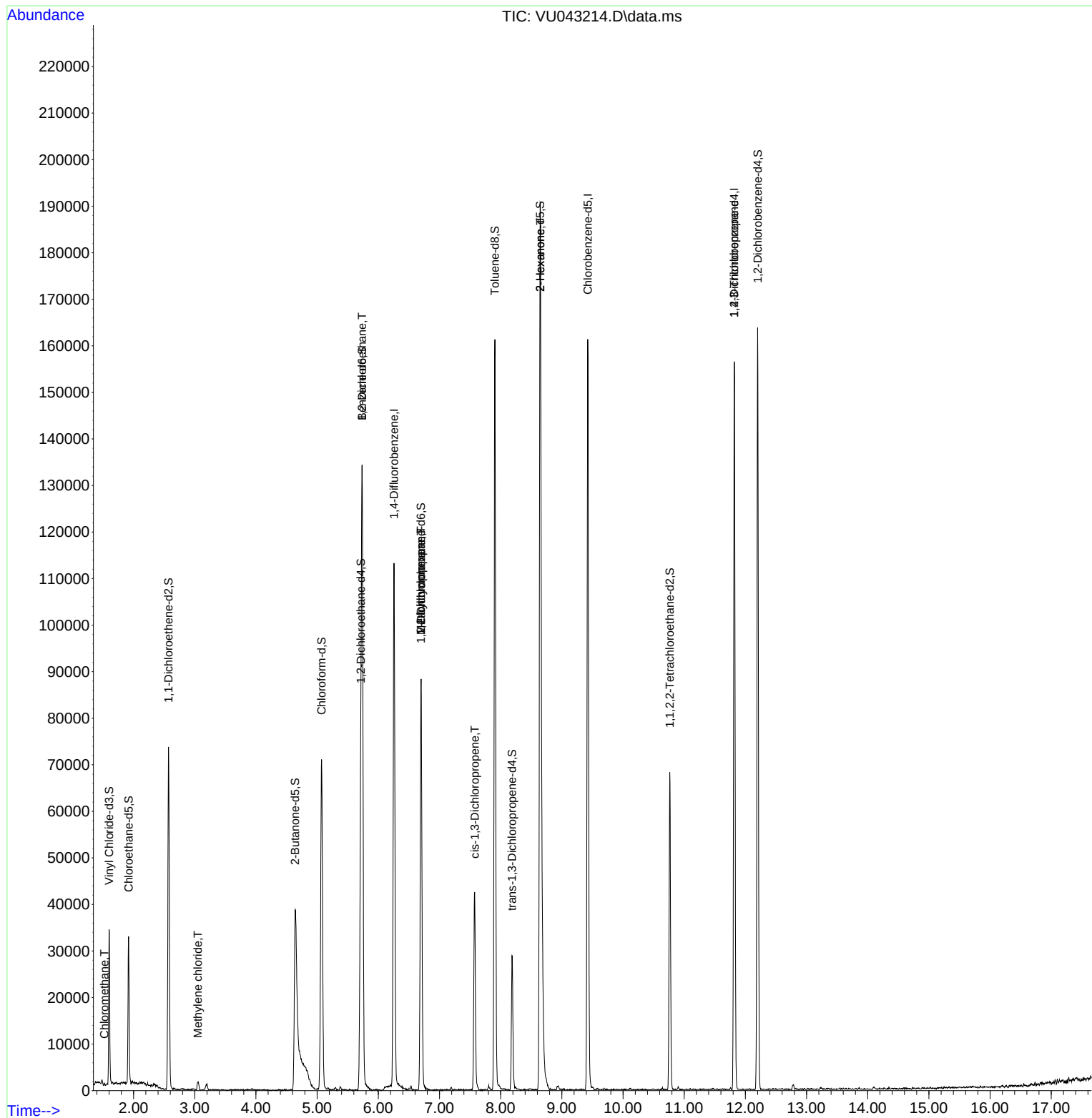
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.256  | 114   | 82152    | 5.00     | ug/L   | # 0.00   |
| 28) Chlorobenzene-d5          | 9.423  | 117   | 81771    | 5.00     | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819 | 152   | 39020    | 5.00     | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.601  | 65    | 22227    | 5.32     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 106.40%  |
| 7) Chloroethane-d5            | 1.919  | 69    | 21429    | 5.45     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 109.00%  |
| 11) 1,1-Dichloroethene-d2     | 2.572  | 65    | 13845    | 5.73     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 114.60%  |
| 20) 2-Butanone-d5             | 4.642  | 46    | 89455    | 48.82    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 97.64%   |
| 24) Chloroform-d              | 5.073  | 84    | 61079    | 5.75     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 115.00%  |
| 26) 1,2-Dichloroethane-d4     | 5.713  | 65    | 38593    | 5.37     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 107.40%  |
| 32) Benzene-d6                | 5.736  | 84    | 111178   | 5.84     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 116.80%  |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67    | 37595    | 5.95     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 119.00%  |
| 41) Toluene-d8                | 7.906  | 98    | 98309    | 4.97     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 99.40%   |
| 43) trans-1,3-Dichloroprop... | 8.186  | 79    | 15259    | 5.47     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 109.40%  |
| 46) 2-Hexanone-d5             | 8.645  | 63    | 70852    | 50.95    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 101.90%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764 | 84    | 31310    | 5.64     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 112.80%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.201 | 152   | 39520    | 5.91     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 118.20%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Chloromethane              | 1.523  | 50    | 425      | 0.08     | ug/L   | # 41     |
| 16) Methylene chloride        | 3.051  | 84    | 860      | 0.15     | ug/L   | # 71     |
| 27) 1,2-Dichloroethane        | 5.736  | 62    | 756      | 0.09     | ug/L   | # 74     |
| 35) Methylcyclohexane         | 6.700  | 83    | 8604     | 1.03     | ug/L   | # 20     |
| 37) 1,2-Dichloropropane       | 6.697  | 63    | 4658     | 0.76     | ug/L   | # 87     |
| 39) cis-1,3-Dichloropropene   | 7.578  | 75    | 1223     | 0.14     | ug/L   | # 42     |
| 48) 2-Hexanone                | 8.649  | 43    | 10315    | 2.55     | ug/L   | # 64     |
| 61) 1,2,3-Trichloropropane    | 11.819 | 75    | 4757     | 1.18     | ug/L   | # 58     |
| -----                         |        |       |          |          |        |          |

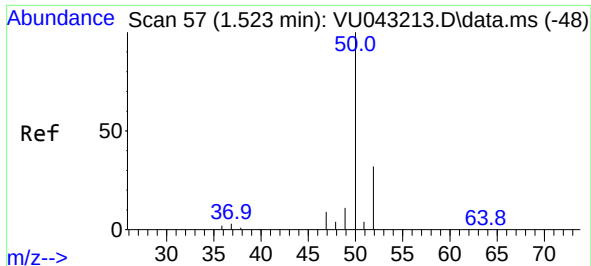
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Apr 21 04:57:57 2021  
Response via : Initial Calibration

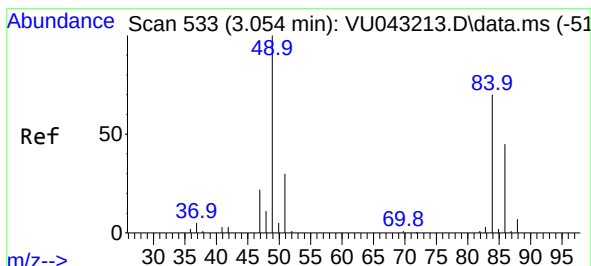
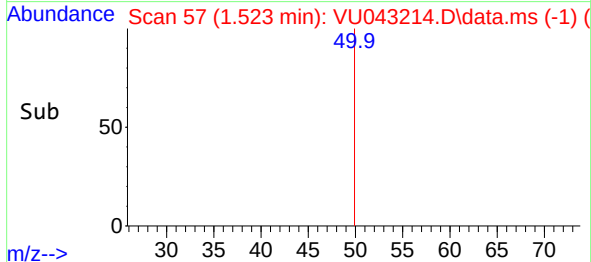
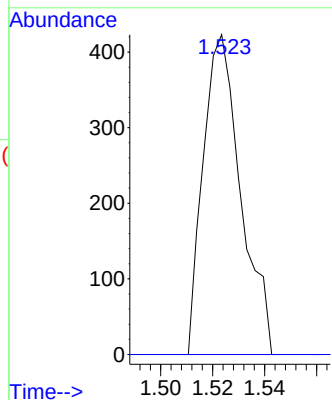
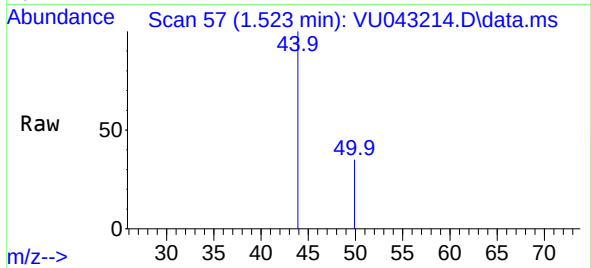




#3  
Chloromethane  
Concen: 0.08 ug/L  
RT: 1.523 min Scan# 57  
Delta R.T. 0.000 min  
Lab File: VU043214.D  
Acq: 20 Apr 2021 10:37

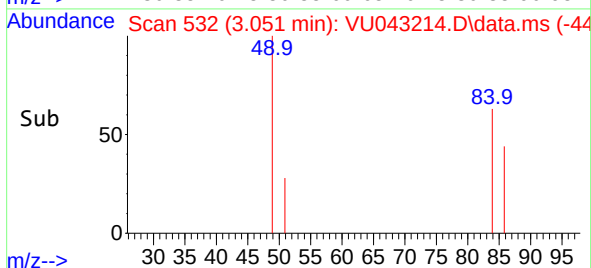
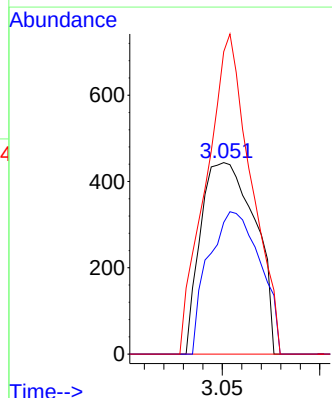
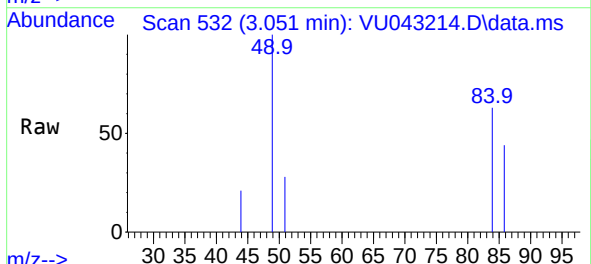
Instrument :  
MSVOA\_U  
ClientSampleId :

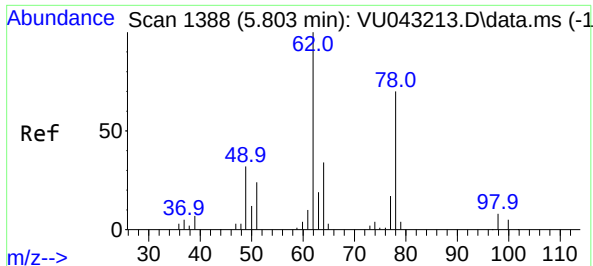
Tgt Ion: 50 Resp: 425  
Ion Ratio Lower Upper  
50 100  
52 0.0 23.6 43.8#



#16  
Methylene chloride  
Concen: 0.15 ug/L  
RT: 3.051 min Scan# 532  
Delta R.T. -0.003 min  
Lab File: VU043214.D  
Acq: 20 Apr 2021 10:37

Tgt Ion: 84 Resp: 860  
Ion Ratio Lower Upper  
84 100  
86 68.7 44.9 83.5  
49 157.9 79.0 146.8#

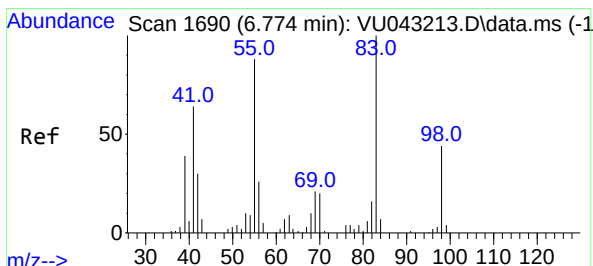
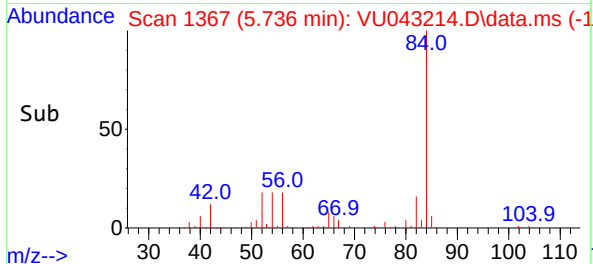
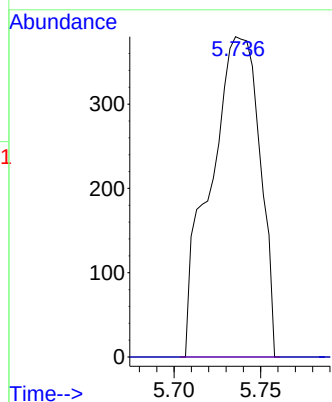
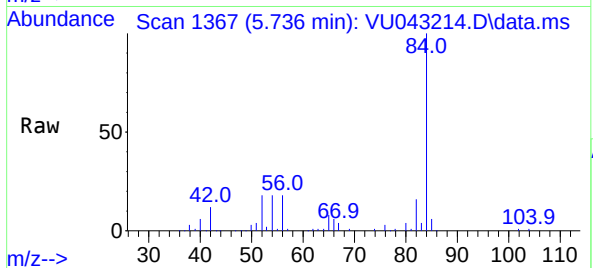




#27  
1,2-Dichloroethane  
Concen: 0.09 ug/L  
RT: 5.736 min Scan# 1367  
Delta R.T. -0.067 min  
Lab File: VU043214.D  
Acq: 20 Apr 2021 10:37

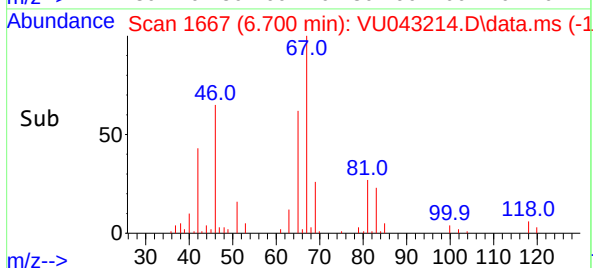
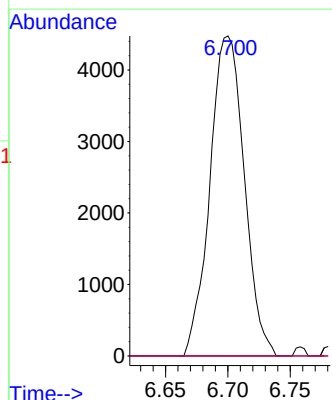
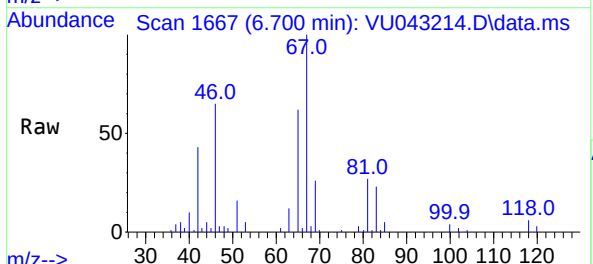
Instrument :  
MSVOA\_U  
ClientSampled :

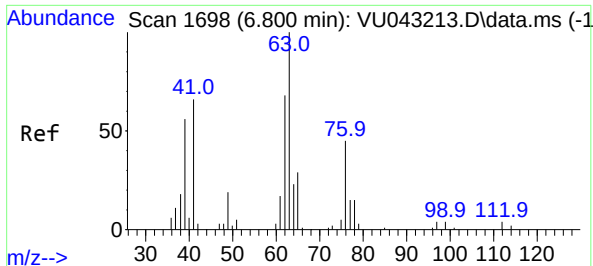
Tgt Ion: 62 Resp: 756  
Ion Ratio Lower Upper  
62 100  
98 0.0 7.5 11.3#



#35  
Methylcyclohexane  
Concen: 1.03 ug/L  
RT: 6.700 min Scan# 1667  
Delta R.T. -0.074 min  
Lab File: VU043214.D  
Acq: 20 Apr 2021 10:37

Tgt Ion: 83 Resp: 8604  
Ion Ratio Lower Upper  
83 100  
55 0.0 59.5 89.3#  
98 1.1 37.9 56.9#

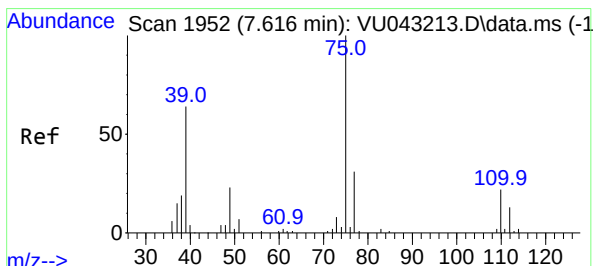
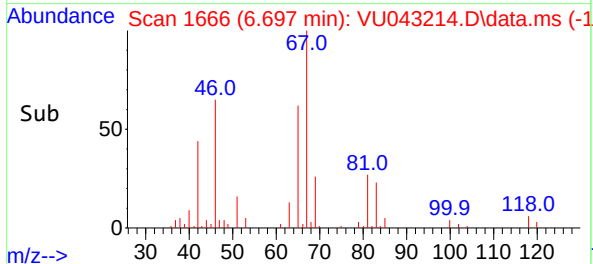
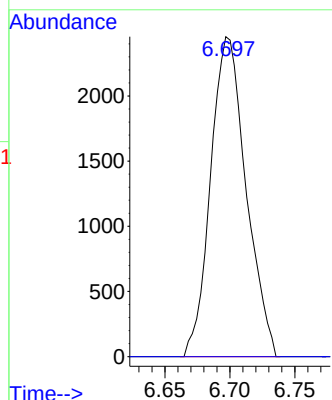
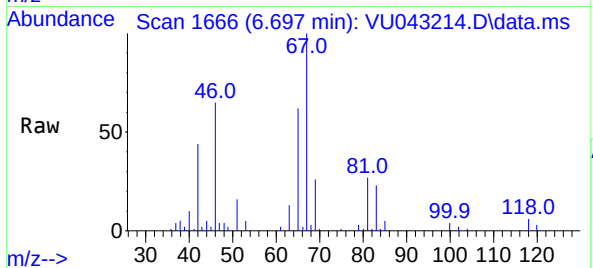




#37  
1,2-Dichloropropane  
Concen: 0.76 ug/L  
RT: 6.697 min Scan# 1666  
Delta R.T. -0.103 min  
Lab File: VU043214.D  
Acq: 20 Apr 2021 10:37

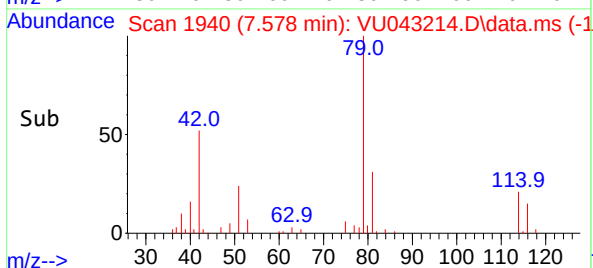
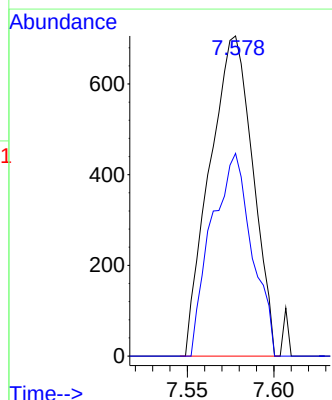
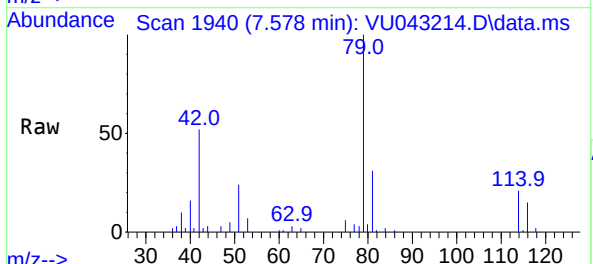
Instrument :  
MSVOA\_U  
ClientSampleId :

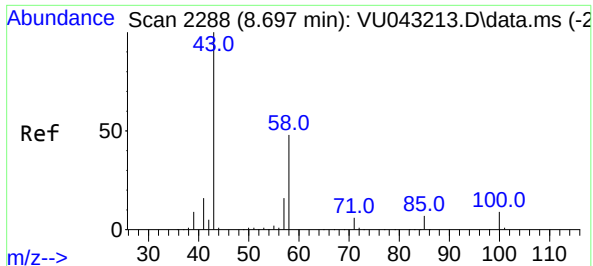
Tgt Ion: 63 Resp: 4658  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.5 5.3#



#39  
cis-1,3-Dichloropropene  
Concen: 0.14 ug/L  
RT: 7.578 min Scan# 1940  
Delta R.T. -0.038 min  
Lab File: VU043214.D  
Acq: 20 Apr 2021 10:37

Tgt Ion: 75 Resp: 1223  
Ion Ratio Lower Upper  
75 100  
77 63.3 21.8 40.6#



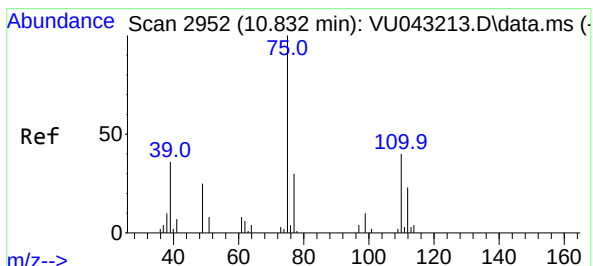
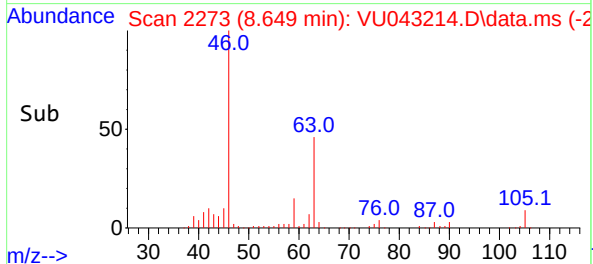
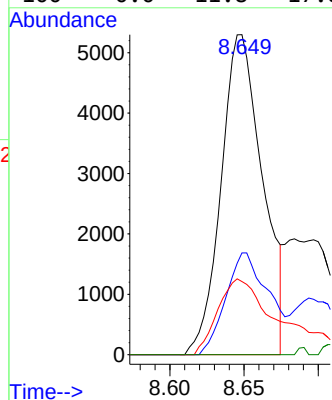
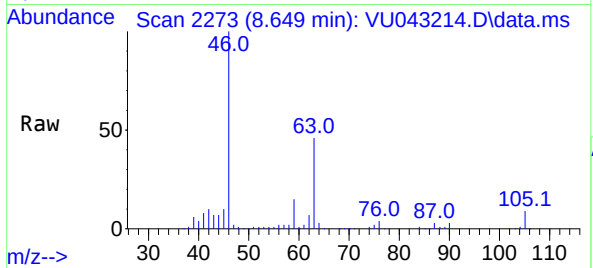


#48  
2-Hexanone  
Concen: 2.55 ug/L  
RT: 8.649 min Scan# 2273  
Delta R.T. -0.048 min  
Lab File: VU043214.D  
Acq: 20 Apr 2021 10:37

Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion: 43 Resp: 10315

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 32.9  | 50.0  | 75.0# |
| 57  | 36.3  | 17.4  | 26.0# |
| 100 | 0.0   | 11.8  | 17.8# |



#61  
1,2,3-Trichloropropane  
Concen: 1.18 ug/L  
RT: 11.819 min Scan# 3259  
Delta R.T. 0.987 min  
Lab File: VU043214.D  
Acq: 20 Apr 2021 10:37

Tgt Ion: 75 Resp: 4757

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 0.9   | 31.5  | 47.3# |
| 77  | 42.6  | 26.3  | 39.5# |

