

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU030421\  
 Data File : VU042486.D  
 Acq On : 04 Mar 2021 15:48  
 Operator : SY/MD  
 Sample : M1570-06  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F1G06

Quant Time: Mar 05 00:35:35 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SOMUTR030221WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Mar 05 00:31:48 2021  
 Response via : Initial Calibration

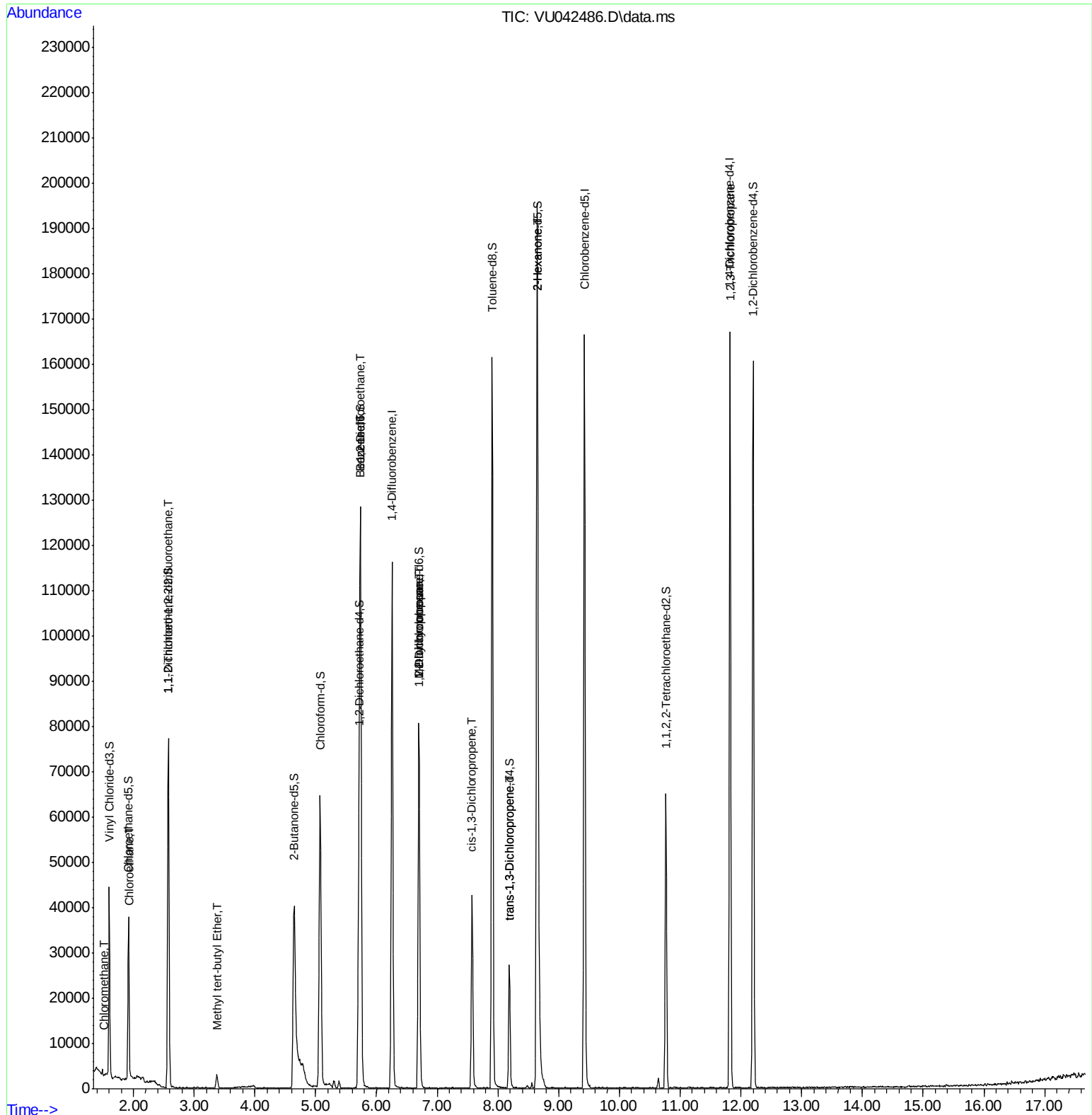
| Compound                      | R.T.           | QIon | Response           | Conc  | Units  | Dev(Min) |
|-------------------------------|----------------|------|--------------------|-------|--------|----------|
| -----                         |                |      |                    |       |        |          |
| Internal Standards            |                |      |                    |       |        |          |
| 1) 1,4-Difluorobenzene        | 6.259          | 114  | 90192              | 5.00  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.423          | 117  | 88343              | 5.00  | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.819         | 152  | 42213              | 5.00  | ug/L   | 0.00     |
|                               |                |      |                    |       |        |          |
| System Monitoring Compounds   |                |      |                    |       |        |          |
| 4) Vinyl Chloride-d3          | 1.604          | 65   | 27801              | 4.62  | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 40 - 130 |      | Recovery = 92.40%  |       |        |          |
| 7) Chloroethane-d5            | 1.919          | 69   | 23005              | 5.05  | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 65 - 130 |      | Recovery = 101.00% |       |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.575          | 63   | 47198              | 3.48  | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 60 - 125 |      | Recovery = 69.60%  |       |        |          |
| 20) 2-Butanone-d5             | 4.645          | 46   | 82630              | 41.86 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 40 - 130 |      | Recovery = 83.72%  |       |        |          |
| 24) Chloroform-d              | 5.073          | 84   | 57518              | 4.84  | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 70 - 125 |      | Recovery = 96.80%  |       |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.713          | 65   | 37797              | 5.17  | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 70 - 130 |      | Recovery = 103.40% |       |        |          |
| 32) Benzene-d6                | 5.738          | 84   | 106640             | 4.92  | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 70 - 125 |      | Recovery = 98.40%  |       |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.700          | 67   | 35407              | 5.07  | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 60 - 140 |      | Recovery = 101.40% |       |        |          |
| 41) Toluene-d8                | 7.906          | 98   | 101200             | 4.79  | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 70 - 130 |      | Recovery = 95.80%  |       |        |          |
| 43) trans-1,3-Dichloroprop... | 8.189          | 79   | 15146              | 4.64  | ug/L   | 0.00     |
| 46) 2-Hexanone-d5             | 8.645          | 63   | 77446              | 49.55 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 45 - 130 |      | Recovery = 99.10%  |       |        |          |
| 57) 1,1,2,2-Tetrachloroeth... | 10.764         | 84   | 30487              | 4.90  | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 65 - 120 |      | Recovery = 98.00%  |       |        |          |
| 64) 1,2-Dichlorobenzene-d4    | 12.201         | 152  | 40192              | 5.25  | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 80 - 120 |      | Recovery = 105.00% |       |        |          |
|                               |                |      |                    |       |        |          |
| Target Compounds              |                |      |                    |       |        |          |
| 3) Chloromethane              | 1.520          | 50   | 405                | 0.05  | ug/L # | 42       |
| 8) Chloroethane               | 1.925          | 64   | 149                | 0.03  | ug/L # | 43       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.575          | 101  | 331                | 0.05  | ug/L # | 18       |
| 17) Methyl tert-butyl Ether   | 3.375          | 73   | 3124               | 0.17  | ug/L # | 91       |
| 27) 1,2-Dichloroethane        | 5.735          | 62   | 641                | 0.06  | ug/L # | 75       |
| 33) Benzene                   | 5.732          | 78   | 866                | 0.03  | ug/L   | 100      |
| 35) Methylcyclohexane         | 6.700          | 83   | 8031               | 0.69  | ug/L # | 14       |
| 37) 1,2-Dichloropropane       | 6.697          | 63   | 4159               | 0.56  | ug/L # | 87       |
| 39) cis-1,3-Dichloropropene   | 7.571          | 75   | 1227               | 0.11  | ug/L # | 65       |
| 44) trans-1,3-Dichloropropene | 8.189          | 75   | 727                | 0.07  | ug/L # | 42       |
| 48) 2-Hexanone                | 8.645          | 43   | 12079              | 2.52  | ug/L # | 68       |
| 59) 1,2,3-Trichloropropane    | 11.822         | 75   | 5161               | 0.92  | ug/L   | 94       |
| -----                         |                |      |                    |       |        |          |

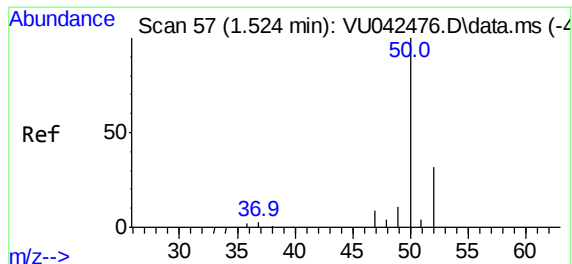
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU030421\  
Data File : VU042486.D  
Acq On : 04 Mar 2021 15:48  
Operator : SY/MD  
Sample : M1570-06  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
F1G06

Quant Time: Mar 05 00:35:35 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SOMUTR030221WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Fri Mar 05 00:31:48 2021  
Response via : Initial Calibration

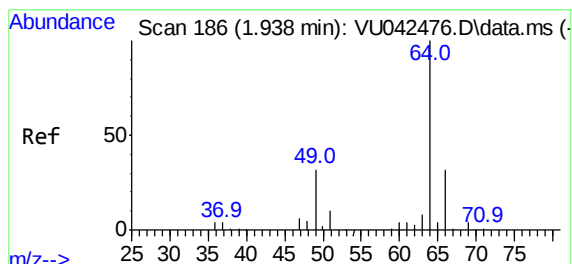
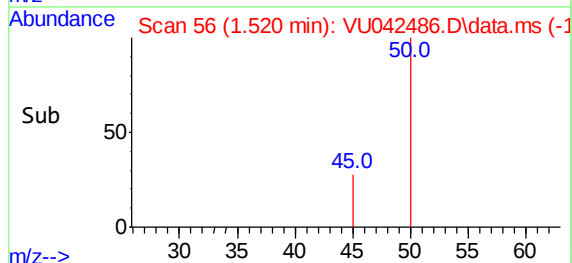
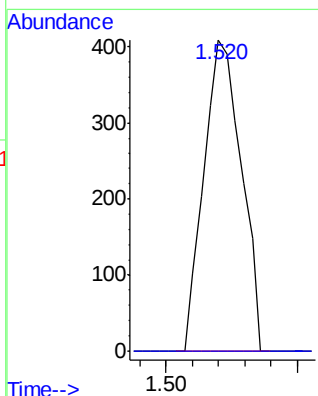
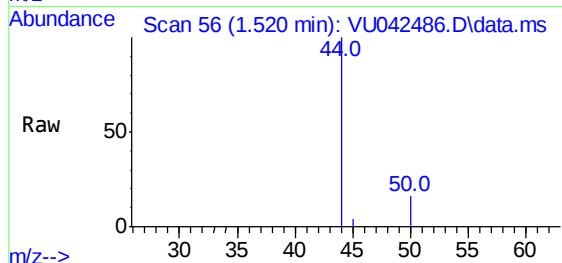




#3  
Chloromethane  
Concen: 0.05 ug/L  
RT: 1.520 min Scan# 56  
Delta R.T. -0.004 min  
Lab File: VU042486.D  
Acq: 04 Mar 2021 15:48

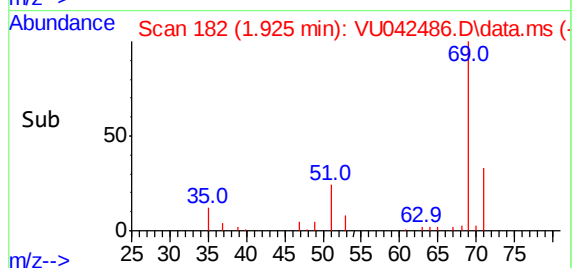
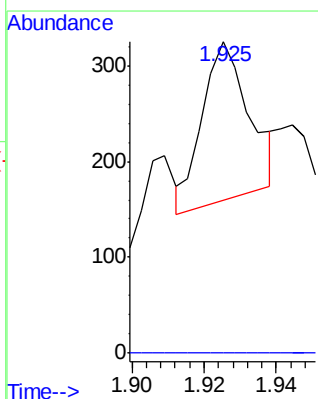
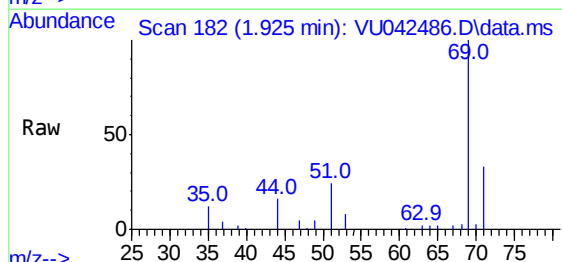
Instrument :  
MSVOA\_U  
ClientSampleId :  
F1G06

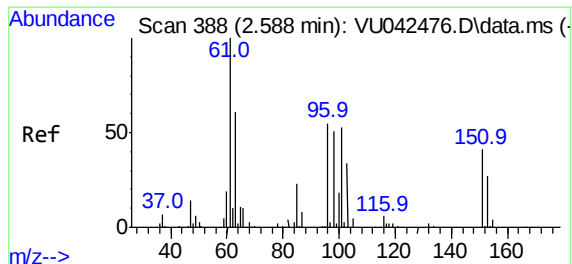
Tgt Ion: 50 Resp: 405  
Ion Ratio Lower Upper  
50 100  
52 0.0 23.0 42.8#



#8  
Chloroethane  
Concen: 0.03 ug/L  
RT: 1.925 min Scan# 182  
Delta R.T. -0.013 min  
Lab File: VU042486.D  
Acq: 04 Mar 2021 15:48

Tgt Ion: 64 Resp: 149  
Ion Ratio Lower Upper  
64 100  
66 0.0 22.2 41.2#

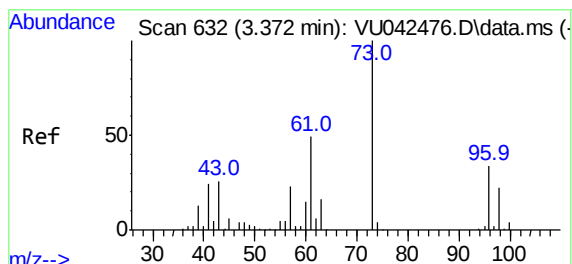
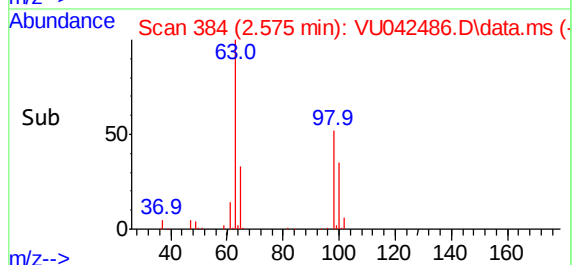
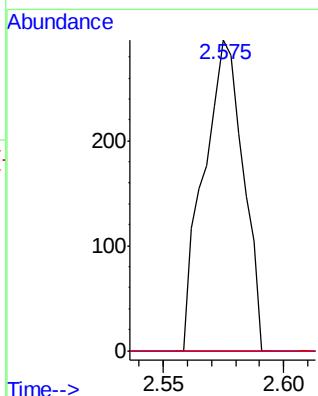
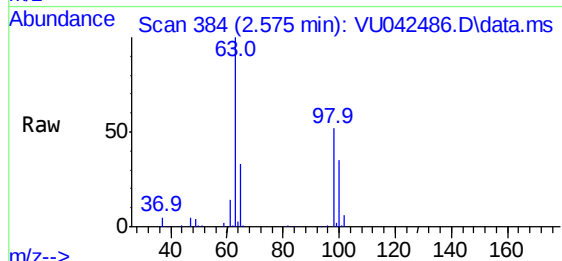




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.05 ug/L  
 RT: 2.575 min Scan# 384  
 Delta R.T. -0.013 min  
 Lab File: VU042486.D  
 Acq: 04 Mar 2021 15:48

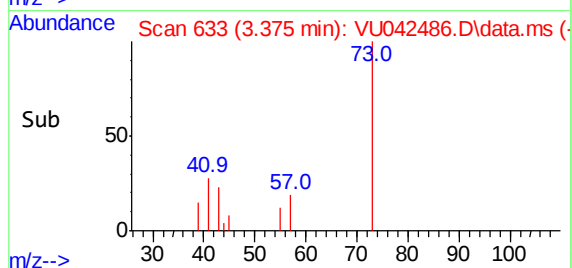
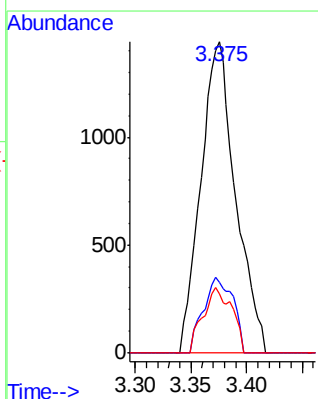
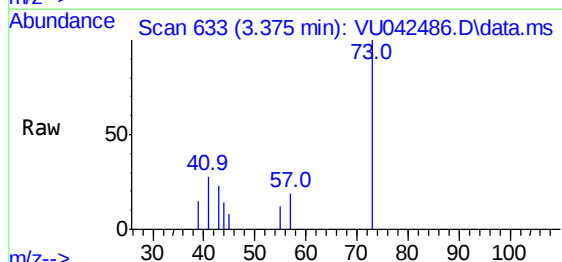
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F1G06

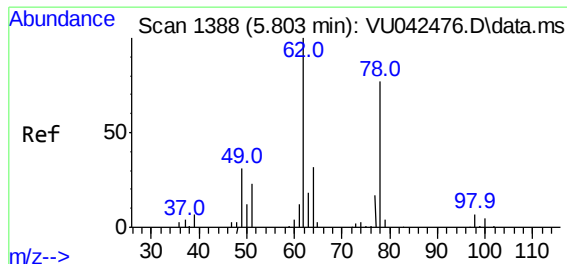
Tgt Ion:101 Resp: 331  
 Ion Ratio Lower Upper  
 101 100  
 85 0.0 34.6 51.8#  
 151 0.0 62.7 94.1#



#17  
 Methyl tert-butyl Ether  
 Concen: 0.17 ug/L  
 RT: 3.375 min Scan# 633  
 Delta R.T. 0.003 min  
 Lab File: VU042486.D  
 Acq: 04 Mar 2021 15:48

Tgt Ion: 73 Resp: 3124  
 Ion Ratio Lower Upper  
 73 100  
 43 20.5 18.9 28.3  
 57 17.2 18.2 27.4#

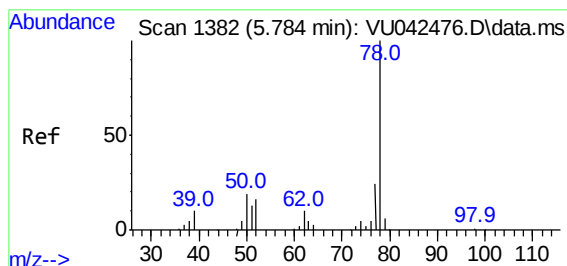
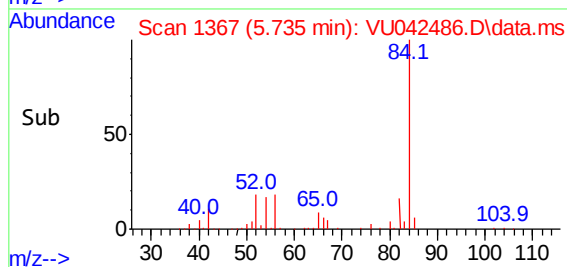
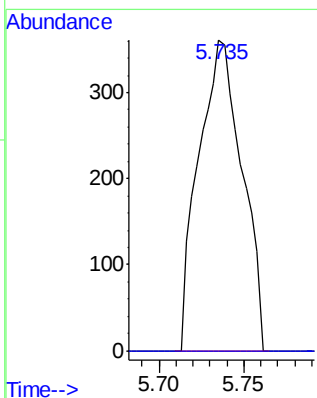
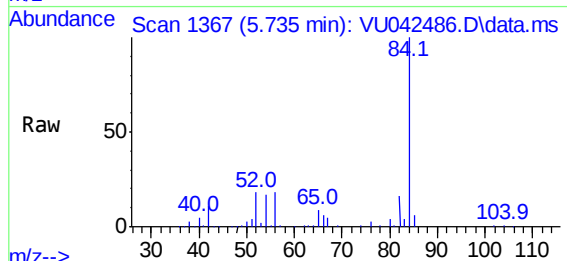




#27  
1,2-Dichloroethane  
Concen: 0.06 ug/L  
RT: 5.735 min Scan# 1367  
Delta R.T. -0.068 min  
Lab File: VU042486.D  
Acq: 04 Mar 2021 15:48

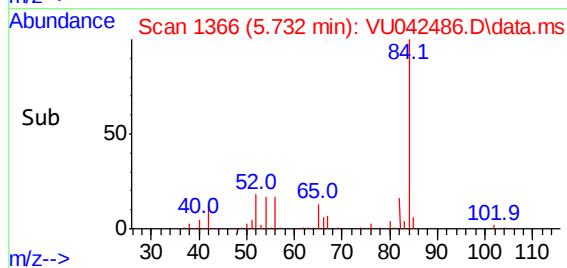
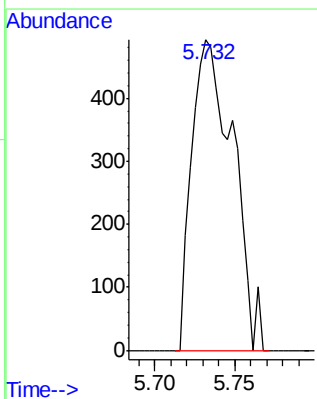
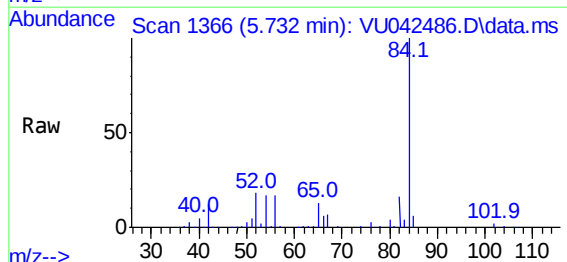
Instrument :  
MSVOA\_U  
ClientSampleId :  
F1G06

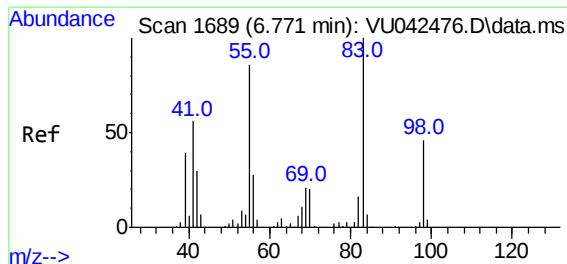
Tgt Ion: 62 Resp: 641  
Ion Ratio Lower Upper  
62 100  
98 0.0 7.3 10.9#



#33  
Benzene  
Concen: 0.03 ug/L  
RT: 5.732 min Scan# 1366  
Delta R.T. -0.052 min  
Lab File: VU042486.D  
Acq: 04 Mar 2021 15:48

Tgt Ion: 78 Resp: 866

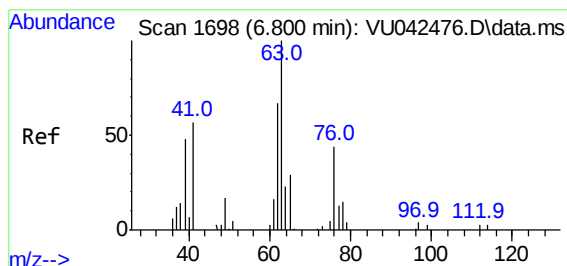
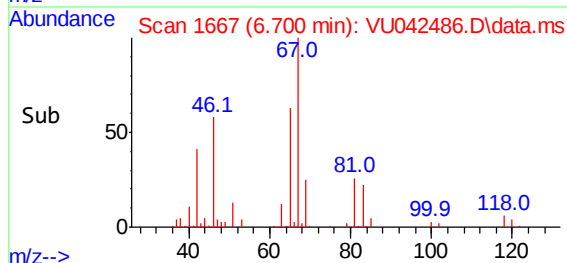
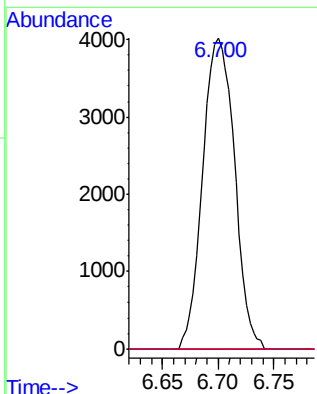
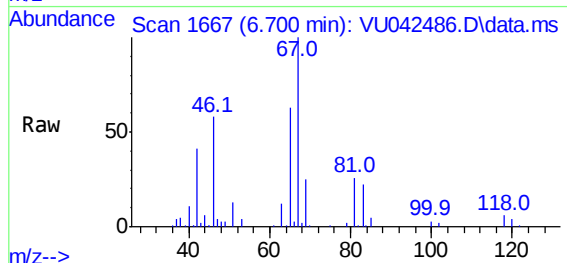




#35  
Methylcyclohexane  
Concen: 0.69 ug/L  
RT: 6.700 min Scan# 1667  
Delta R.T. -0.071 min  
Lab File: VU042486.D  
Acq: 04 Mar 2021 15:48

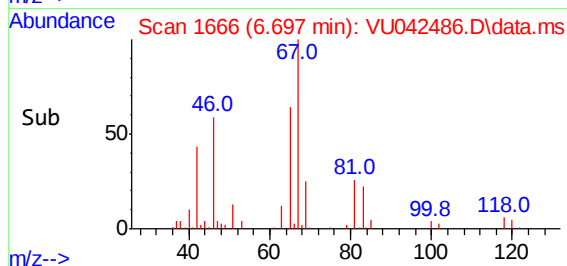
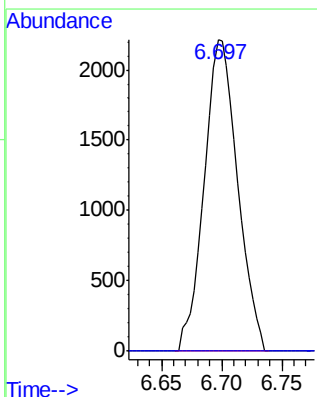
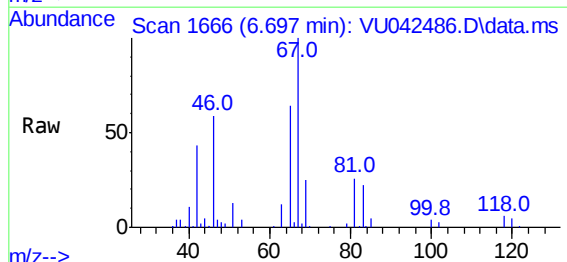
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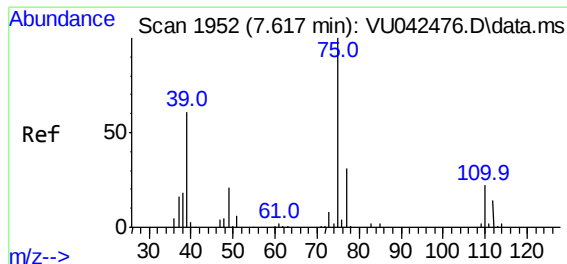
Tgt Ion: 83 Resp: 8031  
Ion Ratio Lower Upper  
83 100  
55 0.0 68.2 102.4#  
98 0.0 39.7 59.5#



#37  
1,2-Dichloropropane  
Concen: 0.56 ug/L  
RT: 6.697 min Scan# 1666  
Delta R.T. -0.103 min  
Lab File: VU042486.D  
Acq: 04 Mar 2021 15:48

Tgt Ion: 63 Resp: 4159  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.4 5.0#

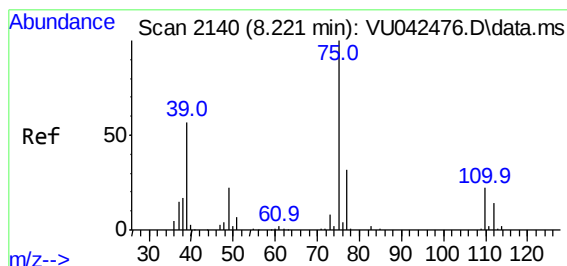
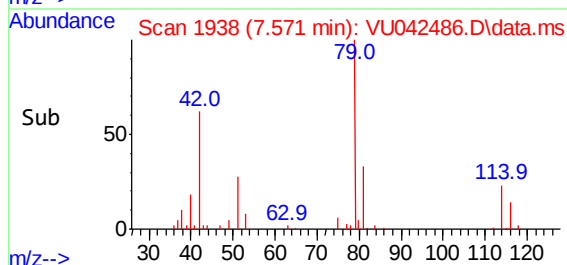
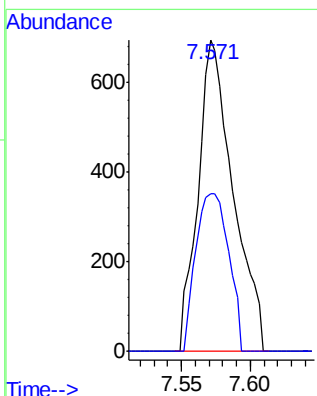
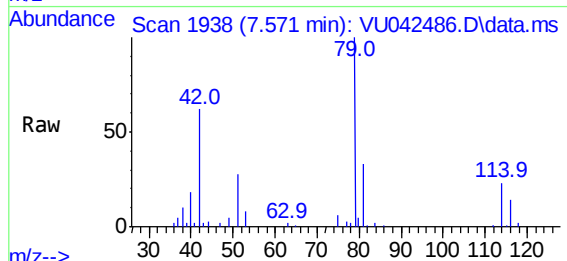




#39  
cis-1,3-Dichloropropene  
Concen: 0.11 ug/L  
RT: 7.571 min Scan# 1938  
Delta R.T. -0.045 min  
Lab File: VU042486.D  
Acq: 04 Mar 2021 15:48

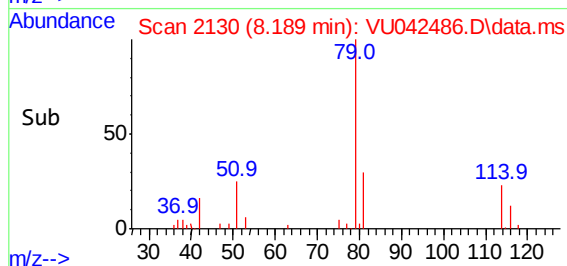
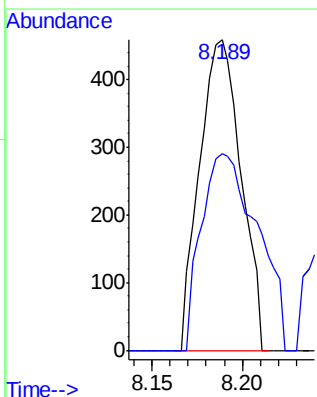
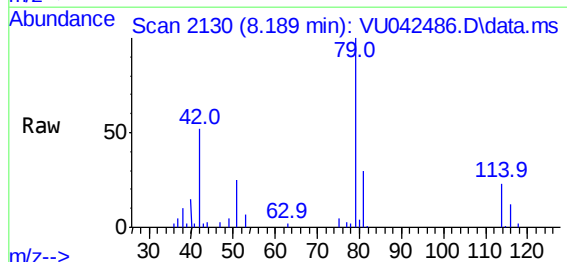
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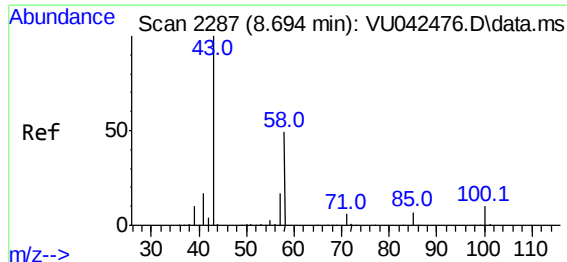
Tgt Ion: 75 Resp: 1227  
Ion Ratio Lower Upper  
75 100  
77 50.6 22.0 40.8#



#44  
trans-1,3-Dichloropropene  
Concen: 0.07 ug/L  
RT: 8.189 min Scan# 2130  
Delta R.T. -0.033 min  
Lab File: VU042486.D  
Acq: 04 Mar 2021 15:48

Tgt Ion: 75 Resp: 727  
Ion Ratio Lower Upper  
75 100  
77 63.2 21.8 40.4#

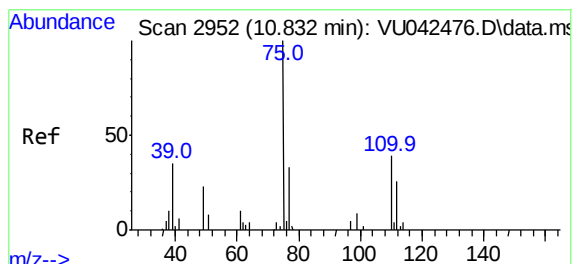
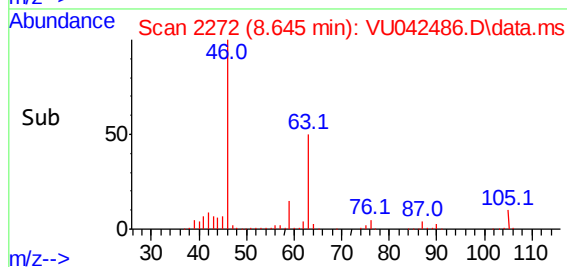
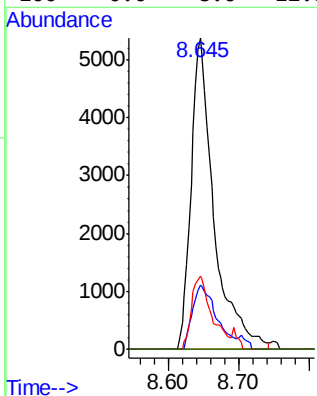
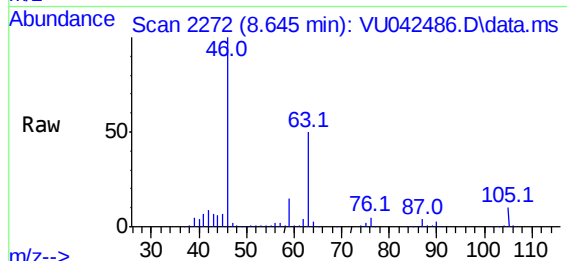




#48  
2-Hexanone  
Concen: 2.52 ug/L  
RT: 8.645 min Scan# 2272  
Delta R.T. -0.049 min  
Lab File: VU042486.D  
Acq: 04 Mar 2021 15:48

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ClientSampleId :  
F1G06

Tgt Ion: 43 Resp: 12079  
Ion Ratio Lower Upper  
43 100  
58 21.5 40.6 61.0#  
57 21.0 14.9 22.3  
100 0.0 8.6 12.8#



#59  
1,2,3-Trichloropropane  
Concen: 0.92 ug/L  
RT: 11.822 min Scan# 3260  
Delta R.T. 0.990 min  
Lab File: VU042486.D  
Acq: 04 Mar 2021 15:48

Tgt Ion: 75 Resp: 5161  
Ion Ratio Lower Upper  
75 100  
77 35.7 26.0 39.0

