

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU012221\  
 Data File : VU042167.D  
 Acq On : 22 Jan 2021 14:09  
 Operator : SY/MD  
 Sample : M1222-02  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F1E01

Quant Time: Jan 23 06:20:49 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR012021WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Jan 23 06:18:59 2021  
 Response via : Initial Calibration

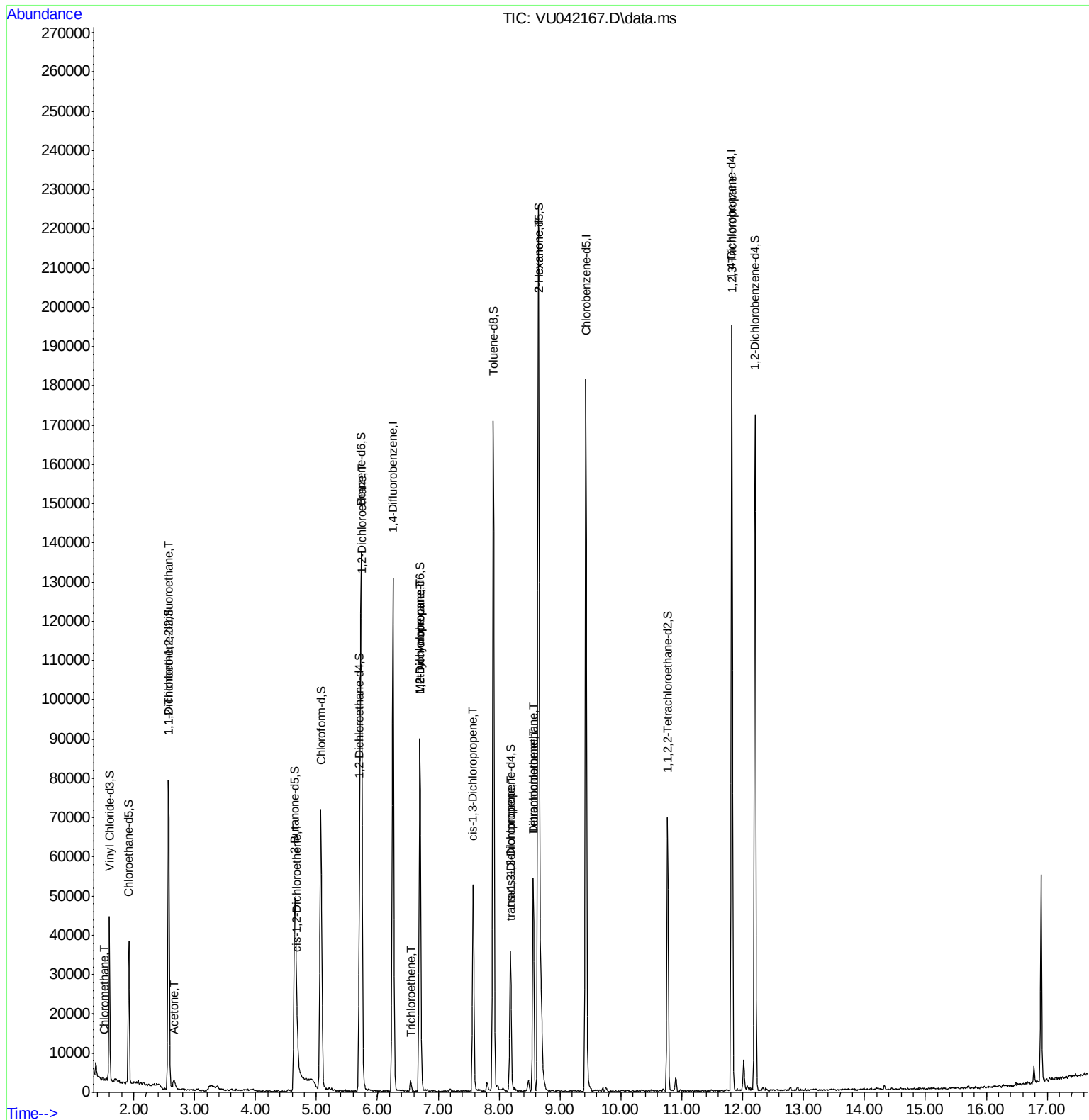
| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 6.256          | 114  | 102322     | 5.00    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.426          | 117  | 97704      | 5.00    | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.819         | 152  | 50901      | 5.00    | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 1.600          | 65   | 27308      | 4.14    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 40 - 130 |      | Recovery = | 82.80%  |        |          |
| 7) Chloroethane-d5            | 1.919          | 69   | 23594      | 4.44    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 65 - 130 |      | Recovery = | 88.80%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.571          | 63   | 48121      | 3.31    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 60 - 125 |      | Recovery = | 66.20%  |        |          |
| 20) 2-Butanone-d5             | 4.645          | 46   | 98312      | 40.82   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 40 - 130 |      | Recovery = | 81.64%  |        |          |
| 24) Chloroform-d              | 5.073          | 84   | 63763      | 4.63    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 70 - 125 |      | Recovery = | 92.60%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.710          | 65   | 39412      | 4.78    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 70 - 130 |      | Recovery = | 95.60%  |        |          |
| 32) Benzene-d6                | 5.735          | 84   | 117374     | 4.60    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 70 - 125 |      | Recovery = | 92.00%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.700          | 67   | 39497      | 4.80    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 60 - 140 |      | Recovery = | 96.00%  |        |          |
| 41) Toluene-d8                | 7.906          | 98   | 107183     | 4.44    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 70 - 130 |      | Recovery = | 88.80%  |        |          |
| 43) trans-1,3-Dichloroprop... | 8.185          | 79   | 18463      | 4.43    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 55 - 130 |      | Recovery = | 88.60%  |        |          |
| 46) 2-Hexanone-d5             | 8.645          | 63   | 92291      | 50.82   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 45 - 130 |      | Recovery = | 101.64% |        |          |
| 57) 1,1,2,2-Tetrachloroeth... | 10.764         | 84   | 33903      | 4.80    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 65 - 120 |      | Recovery = | 96.00%  |        |          |
| 64) 1,2-Dichlorobenzene-d4    | 12.201         | 152  | 44644      | 4.88    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 80 - 120 |      | Recovery = | 97.60%  |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         |        |          |
| 3) Chloromethane              | 1.520          | 50   | 534        | 0.06    | ug/L   | 94       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.571          | 101  | 336        | 0.05    | ug/L # | 18       |
| 13) Acetone                   | 2.658          | 43   | 5315       | 3.31    | ug/L   | 96       |
| 22) cis-1,2-Dichloroethene    | 4.677          | 96   | 3263       | 0.41    | ug/L   | 95       |
| 27) 1,2-Dichloroethane        | 5.742          | 62   | 749        | 0.08    | ug/L # | 75       |
| 34) Trichloroethene           | 6.552          | 95   | 861        | 0.11    | ug/L   | 95       |
| 35) Methylcyclohexane         | 6.700          | 83   | 9206       | 0.71    | ug/L # | 15       |
| 37) 1,2-Dichloropropane       | 6.700          | 63   | 4495       | 0.59    | ug/L # | 87       |
| 39) cis-1,3-Dichloropropene   | 7.571          | 75   | 1336       | 0.11    | ug/L # | 70       |
| 44) trans-1,3-Dichloropropene | 8.192          | 75   | 738        | 0.06    | ug/L # | 49       |
| 47) Tetrachloroethene         | 8.562          | 164  | 11781      | 1.83    | ug/L   | 96       |
| 48) 2-Hexanone                | 8.645          | 43   | 11579      | 2.57    | ug/L # | 72       |
| 49) Dibromochloromethane      | 8.558          | 129  | 11082      | 1.49    | ug/L # | 12       |
| 59) 1,2,3-Trichloropropane    | 11.822         | 75   | 5624       | 1.05    | ug/L   | 93       |
| -----                         |                |      |            |         |        |          |

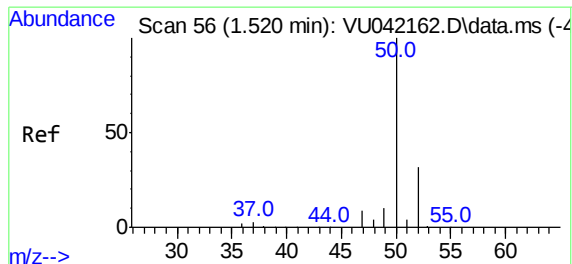
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU012221\  
Data File : VU042167.D  
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Operator : SY/MD  
Sample : M1222-02  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
F1E01

Quant Time: Jan 23 06:20:49 2021  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR012021WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Sat Jan 23 06:18:59 2021  
Response via : Initial Calibration

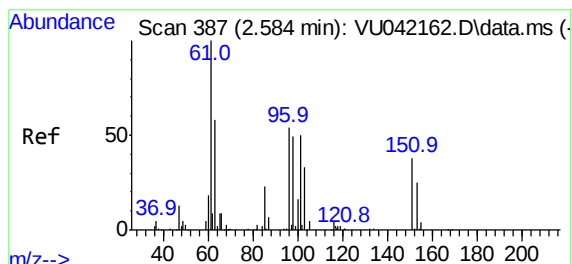
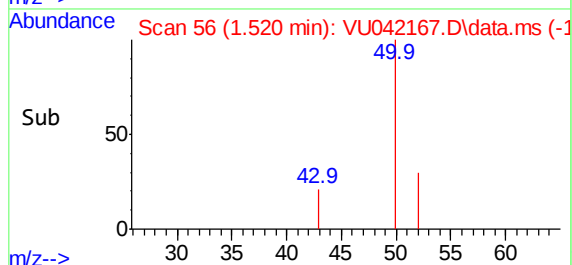
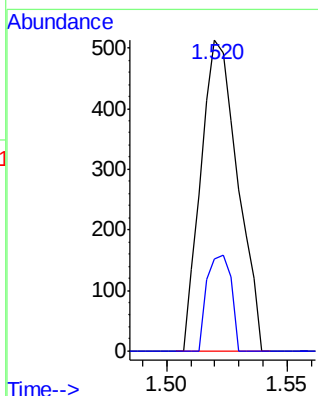
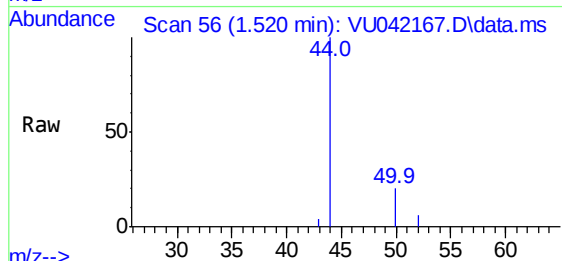




#3  
Chloromethane  
Concen: 0.06 ug/L  
RT: 1.520 min Scan# 56  
Delta R.T. -0.000 min  
Lab File: VU042167.D  
Acq: 22 Jan 2021 14:09

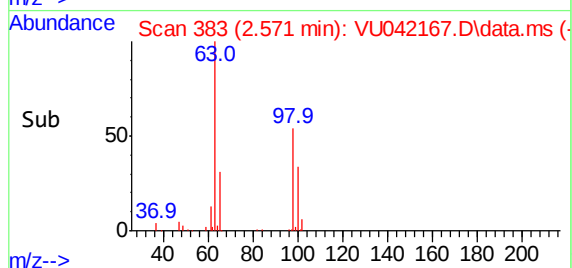
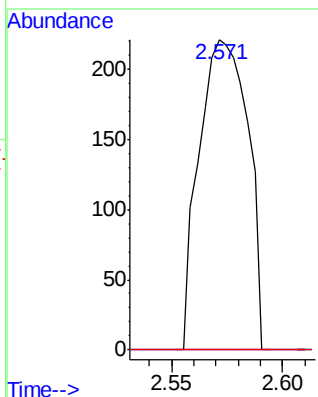
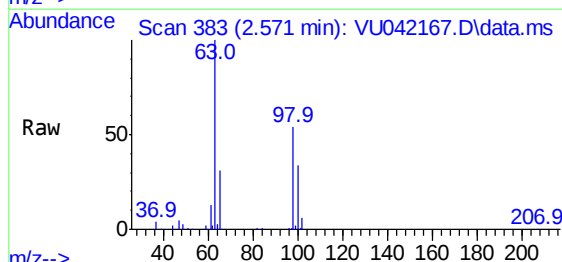
Instrument :  
MSVOA\_U  
ClientSampleId :  
F1E01

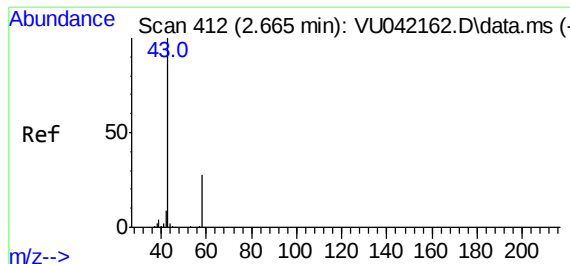
Tgt Ion: 50 Resp: 534  
Ion Ratio Lower Upper  
50 100  
52 29.6 23.0 42.8



#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.05 ug/L  
RT: 2.571 min Scan# 383  
Delta R.T. -0.013 min  
Lab File: VU042167.D  
Acq: 22 Jan 2021 14:09

Tgt Ion: 101 Resp: 336  
Ion Ratio Lower Upper  
101 100  
85 0.0 34.6 51.8#  
151 0.0 62.7 94.1#

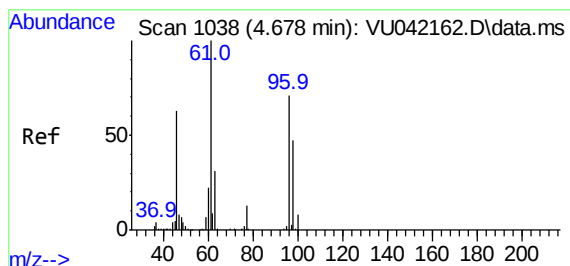
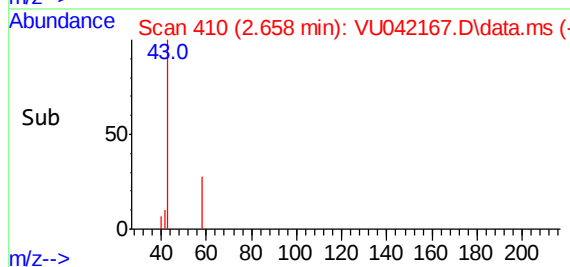
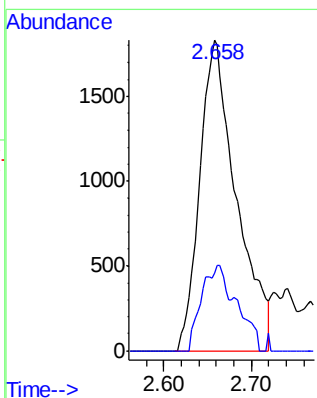
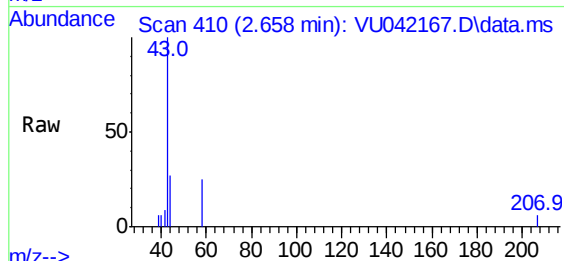




#13  
Acetone  
Concen: 3.31 ug/L  
RT: 2.658 min Scan# 410  
Delta R.T. -0.007 min  
Lab File: VU042167.D  
Acq: 22 Jan 2021 14:09

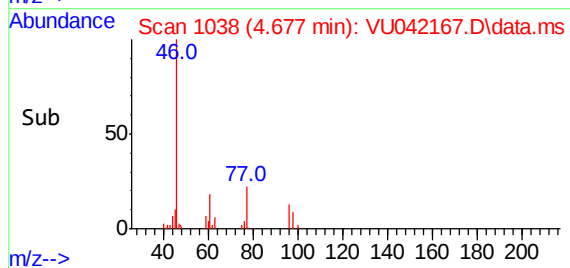
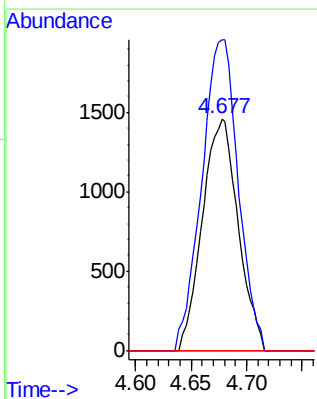
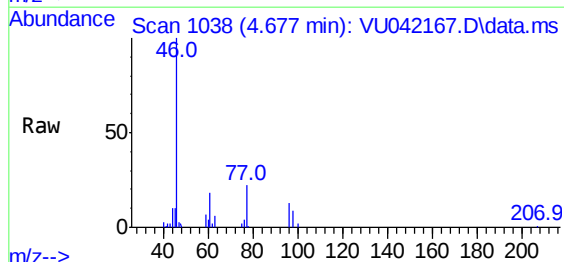
Instrument :  
MSVOA\_U  
ClientSampleId :  
F1E01

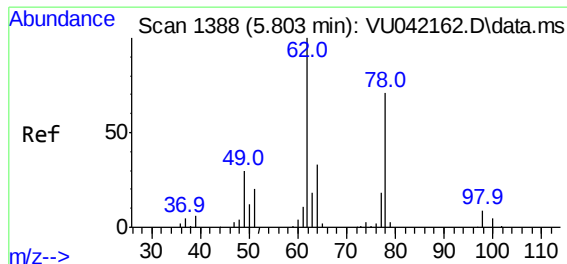
Tgt Ion: 43 Resp: 5315  
Ion Ratio Lower Upper  
43 100  
58 26.1 0.0 55.8



#22  
cis-1,2-Dichloroethene  
Concen: 0.41 ug/L  
RT: 4.677 min Scan# 1038  
Delta R.T. -0.000 min  
Lab File: VU042167.D  
Acq: 22 Jan 2021 14:09

Tgt Ion: 96 Resp: 3263  
Ion Ratio Lower Upper  
96 100  
61 133.7 97.8 181.6  
68 0.0 0.0 0.0

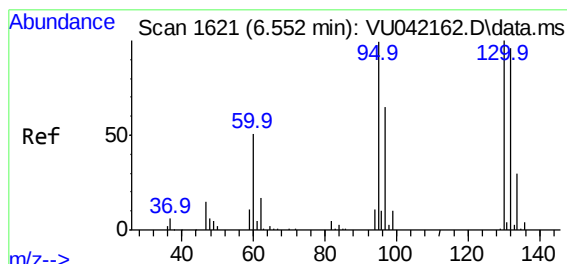
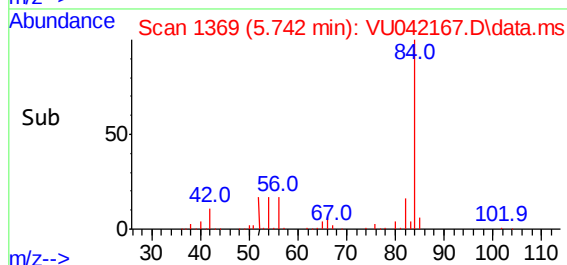
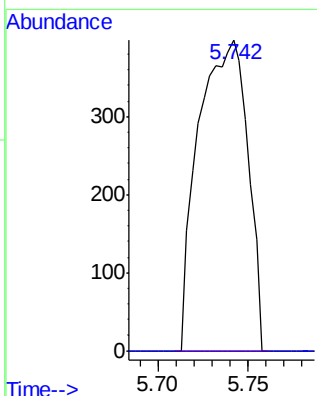
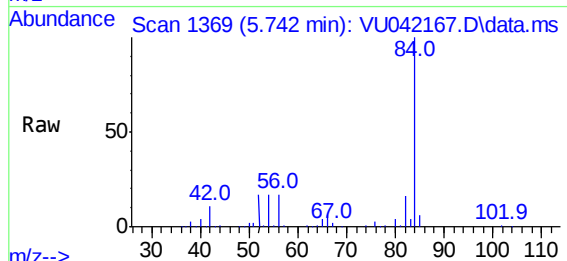




#27  
1,2-Dichloroethane  
Concen: 0.08 ug/L  
RT: 5.742 min Scan# 1369  
Delta R.T. -0.061 min  
Lab File: VU042167.D  
Acq: 22 Jan 2021 14:09

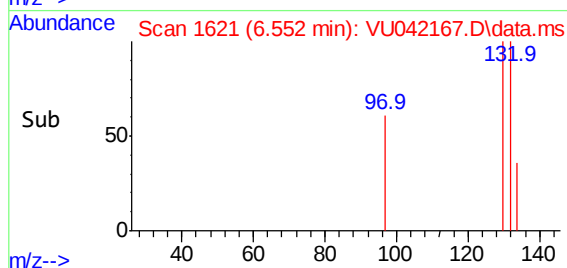
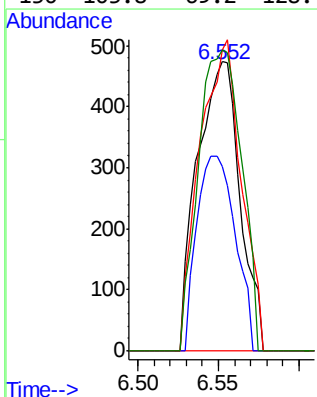
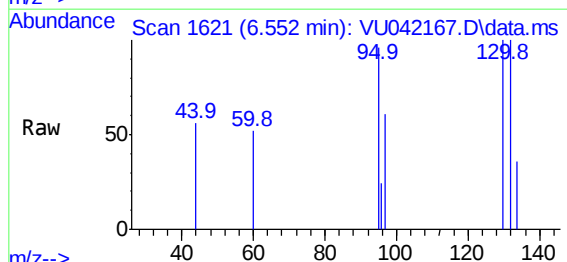
Instrument :  
MSVOA\_U  
ClientSampled :  
F1E01

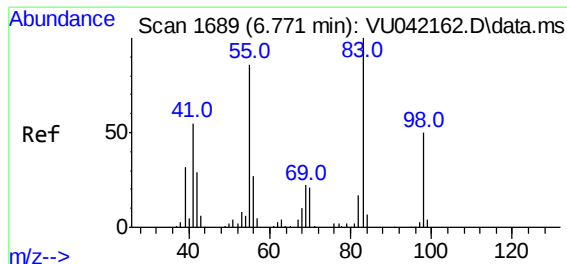
Tgt Ion: 62 Resp: 749  
Ion Ratio Lower Upper  
62 100  
98 0.0 7.3 10.9#



#34  
Trichloroethene  
Concen: 0.11 ug/L  
RT: 6.552 min Scan# 1621  
Delta R.T. -0.000 min  
Lab File: VU042167.D  
Acq: 22 Jan 2021 14:09

Tgt Ion: 95 Resp: 861  
Ion Ratio Lower Upper  
95 100  
97 63.6 44.4 82.4  
132 104.0 68.0 126.4  
130 103.8 69.2 128.4

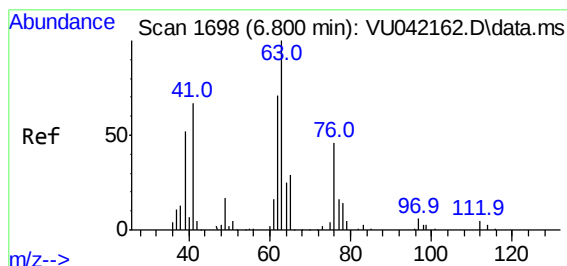
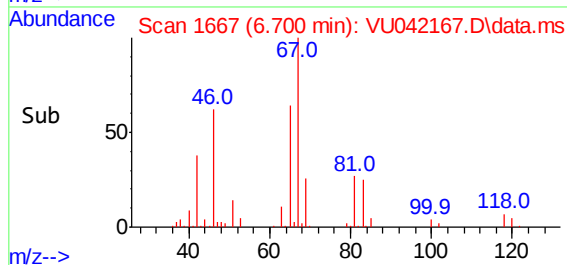
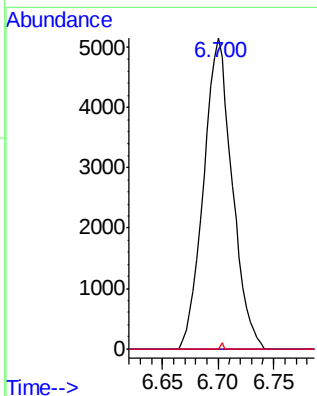
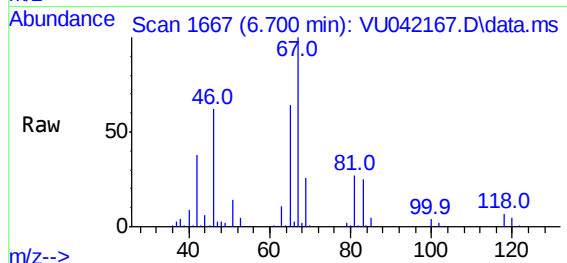




#35  
Methylcyclohexane  
Concen: 0.71 ug/L  
RT: 6.700 min Scan# 1667  
Delta R.T. -0.071 min  
Lab File: VU042167.D  
Acq: 22 Jan 2021 14:09

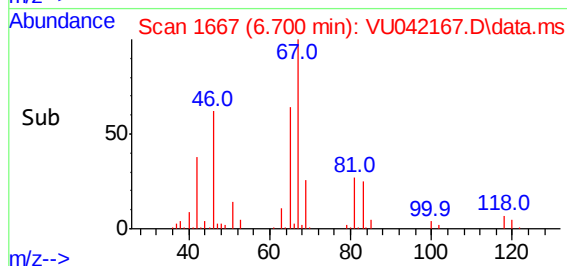
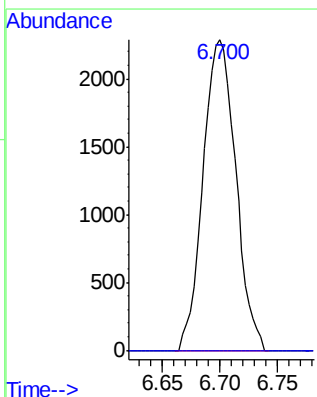
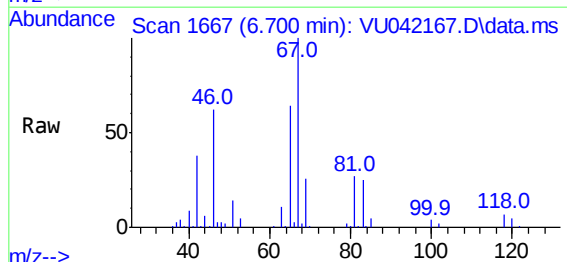
Instrument :  
MSVOA\_U  
ClientSampleId :  
F1E01

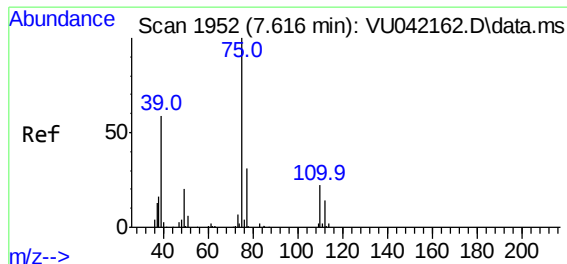
Tgt Ion: 83 Resp: 9206  
Ion Ratio Lower Upper  
83 100  
55 0.0 68.2 102.4#  
98 0.2 39.7 59.5#



#37  
1,2-Dichloropropane  
Concen: 0.59 ug/L  
RT: 6.700 min Scan# 1667  
Delta R.T. -0.100 min  
Lab File: VU042167.D  
Acq: 22 Jan 2021 14:09

Tgt Ion: 63 Resp: 4495  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.4 5.0#

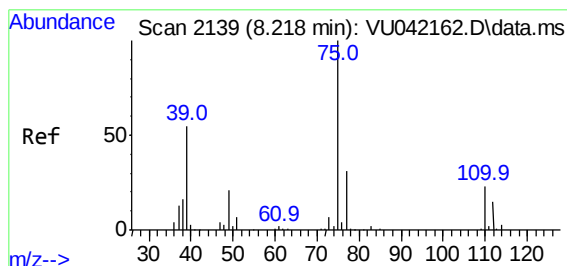
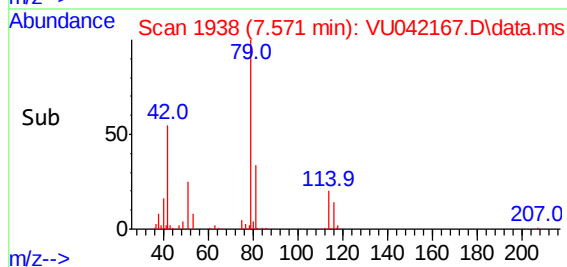
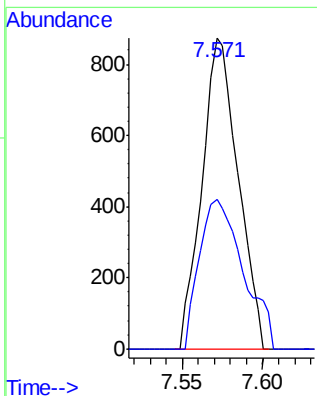
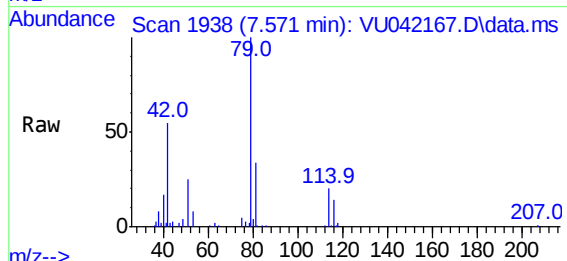




#39  
cis-1,3-Dichloropropene  
Concen: 0.11 ug/L  
RT: 7.571 min Scan# 1938  
Delta R.T. -0.045 min  
Lab File: VU042167.D  
Acq: 22 Jan 2021 14:09

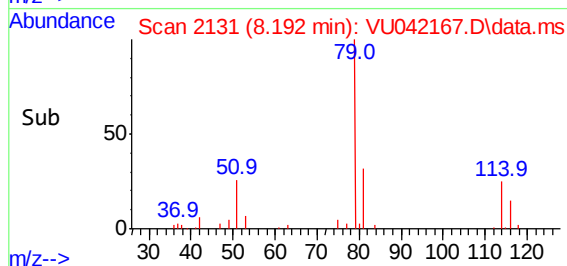
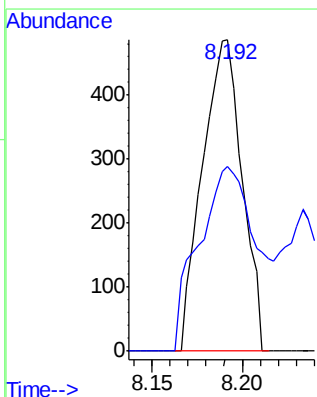
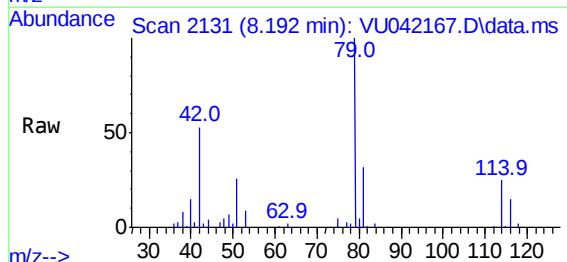
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MSVOA\_U  
ClientSampleId :  
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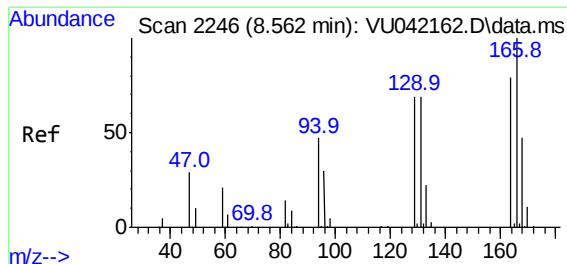
Tgt Ion: 75 Resp: 1336  
Ion Ratio Lower Upper  
75 100  
77 48.2 22.0 40.8#



#44  
trans-1,3-Dichloropropene  
Concen: 0.06 ug/L  
RT: 8.192 min Scan# 2131  
Delta R.T. -0.026 min  
Lab File: VU042167.D  
Acq: 22 Jan 2021 14:09

Tgt Ion: 75 Resp: 738  
Ion Ratio Lower Upper  
75 100  
77 59.1 21.8 40.4#



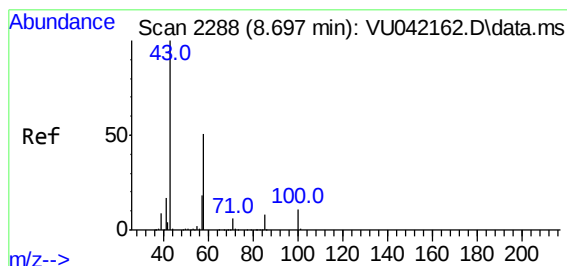
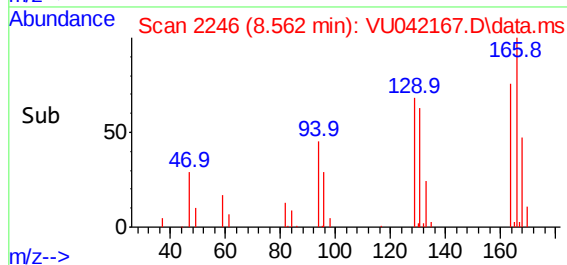
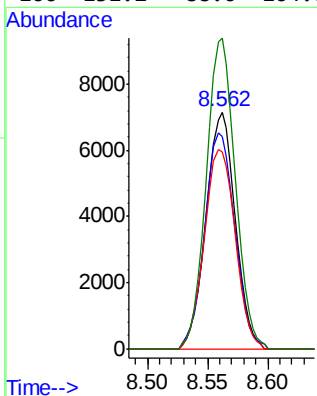
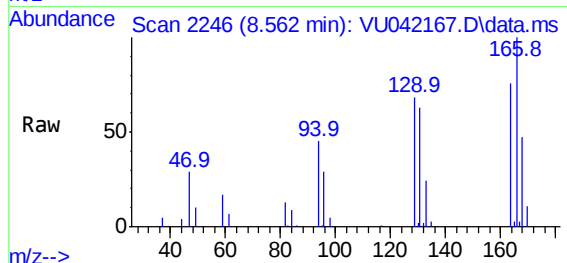


#47  
Tetrachloroethene  
Concen: 1.83 ug/L  
RT: 8.562 min Scan# 2246  
Delta R.T. -0.000 min  
Lab File: VU042167.D  
Acq: 22 Jan 2021 14:09

Instrument :  
MSVOA\_U  
ClientSampleId :  
F1E01

Tgt Ion:164 Resp: 11781

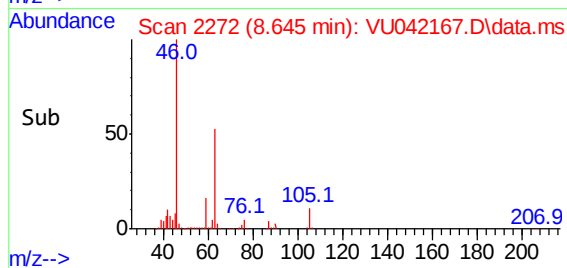
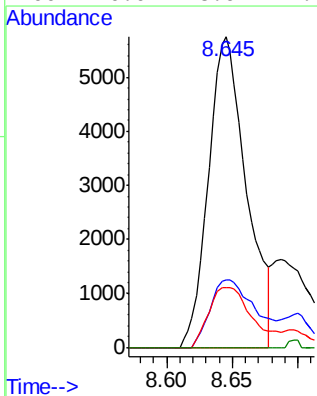
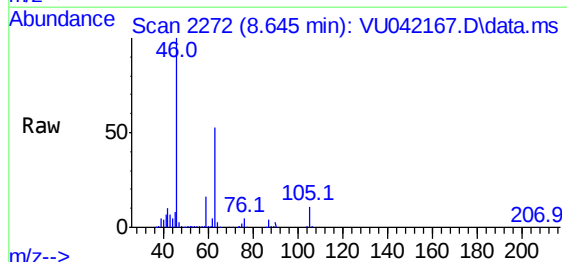
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 89.8  | 64.3  | 119.5 |
| 131 | 83.1  | 62.2  | 115.6 |
| 166 | 131.2 | 88.6  | 164.6 |

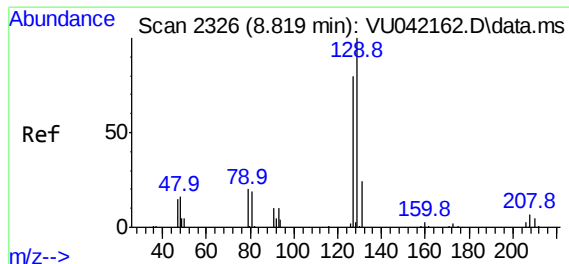


#48  
2-Hexanone  
Concen: 2.57 ug/L  
RT: 8.645 min Scan# 2272  
Delta R.T. -0.052 min  
Lab File: VU042167.D  
Acq: 22 Jan 2021 14:09

Tgt Ion: 43 Resp: 11579

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 26.1  | 40.6  | 61.0# |
| 57  | 22.2  | 14.9  | 22.3  |
| 100 | 0.0   | 8.6   | 12.8# |

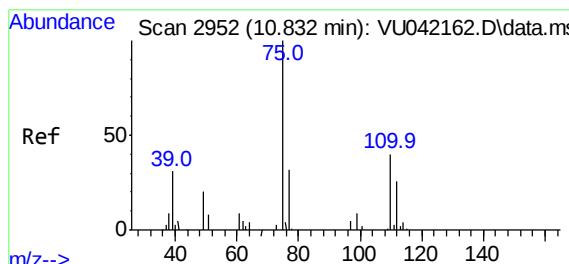
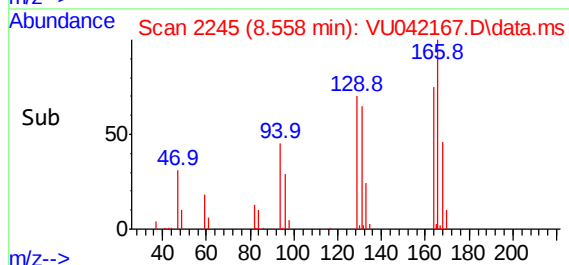
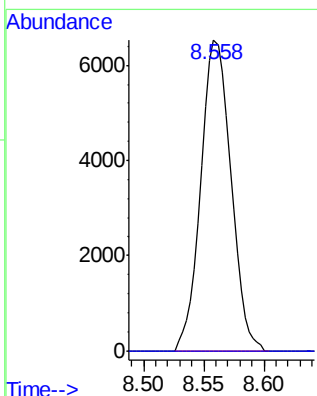
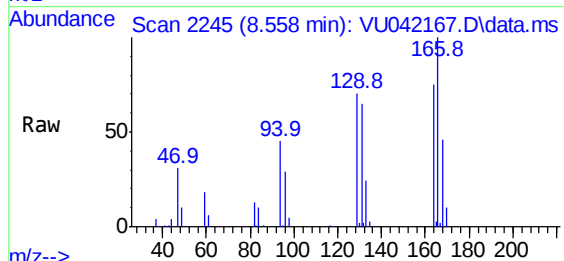




#49  
Dibromochloromethane  
Concen: 1.49 ug/L  
RT: 8.558 min Scan# 2245  
Delta R.T. -0.261 min  
Lab File: VU042167.D  
Acq: 22 Jan 2021 14:09

Instrument :  
MSVOA\_U  
ClientSampleId :  
F1E01

Tgt Ion:129 Resp: 11082  
Ion Ratio Lower Upper  
129 100  
127 0.0 52.3 97.1#



#59  
1,2,3-Trichloropropane  
Concen: 1.05 ug/L  
RT: 11.822 min Scan# 3260  
Delta R.T. 0.990 min  
Lab File: VU042167.D  
Acq: 22 Jan 2021 14:09

Tgt Ion: 75 Resp: 5624  
Ion Ratio Lower Upper  
75 100  
77 36.7 26.0 39.0

