

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU031022\  
 Data File : VU047460.D  
 Acq On : 10 Mar 2022 16:04  
 Operator : SY/MD  
 Sample : N1840-02DL 4X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Mar 11 00:55:34 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR030922WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Mar 11 00:52:41 2022  
 Response via : Initial Calibration

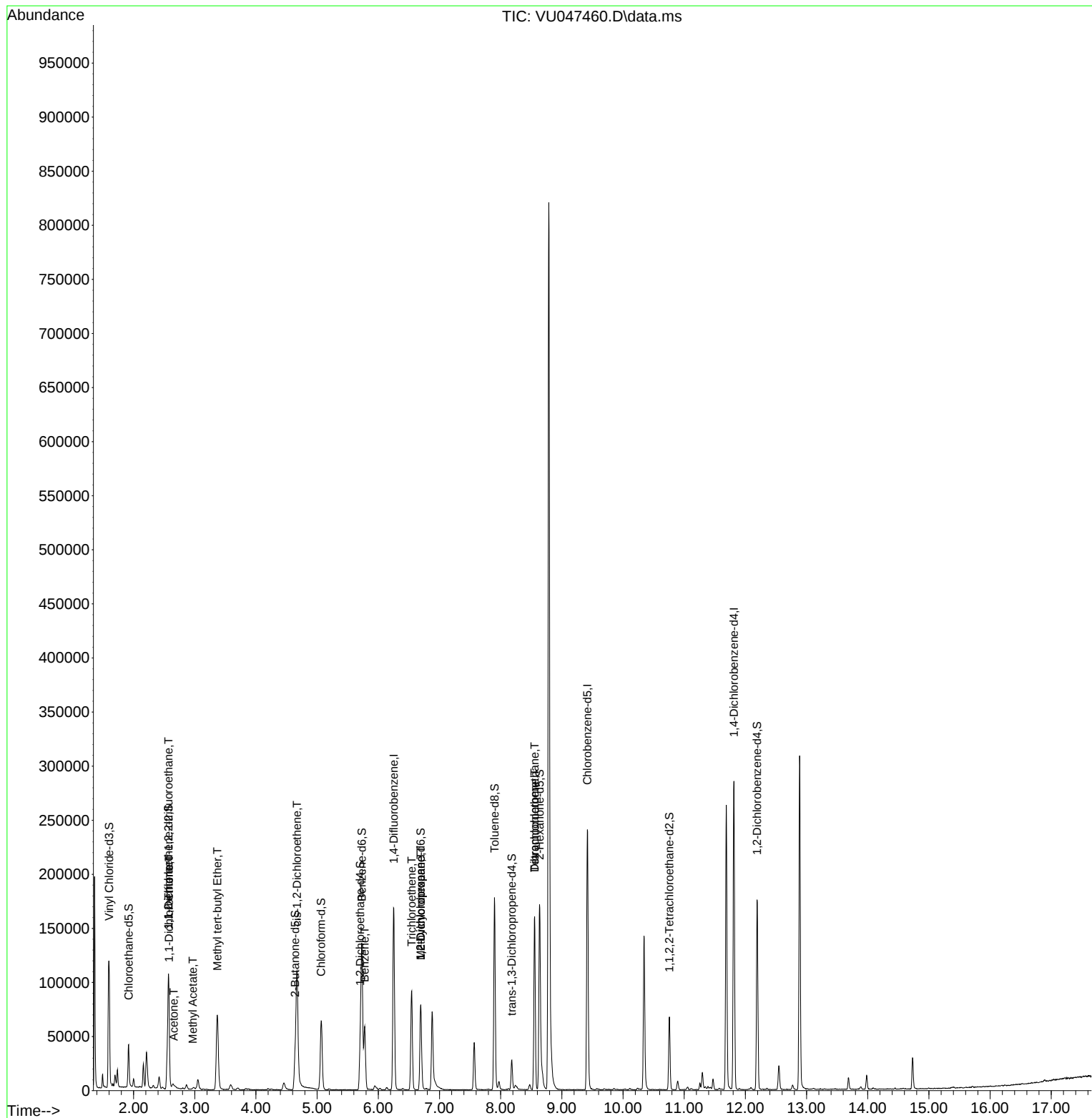
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.253  | 114   | 143916   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417  | 117   | 141940   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152   | 79238    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.601  | 65    | 37544    | 4.810    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 96.200%  |
| 7) Chloroethane-d5            | 1.919  | 69    | 28160    | 4.914    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 98.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.572  | 65    | 16905    | 4.903    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 98.000%  |
| 20) 2-Butanone-d5             | 4.642  | 46    | 71354    | 51.346   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 102.700% |
| 24) Chloroform-d              | 5.067  | 84    | 60274    | 4.847    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 97.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.703  | 65    | 31160    | 4.949    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 99.000%  |
| 32) Benzene-d6                | 5.732  | 84    | 129458   | 4.849    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 97.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.694  | 67    | 39374    | 4.985    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 99.600%  |
| 41) Toluene-d8                | 7.899  | 98    | 122392   | 4.664    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 93.200%  |
| 43) trans-1,3-Dichloroprop... | 8.182  | 79    | 15580    | 4.646    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 93.000%  |
| 46) 2-Hexanone-d5             | 8.636  | 63    | 72217    | 48.886   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 97.780%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84    | 33095    | 4.808    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 96.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.192 | 152   | 48385    | 4.816    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 96.400%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.572  | 101   | 418      | 0.049    | ug/L # | 17       |
| 12) 1,1-Dichloroethene        | 2.581  | 96    | 1562     | 0.185    | ug/L # | 1        |
| 13) Acetone                   | 2.658  | 43    | 7393     | 5.790    | ug/L # | 39       |
| 15) Methyl Acetate            | 2.970  | 43    | 561      | 0.166    | ug/L # | 50       |
| 17) Methyl tert-butyl Ether   | 3.369  | 73    | 81773    | 3.753    | ug/L   | 97       |
| 22) cis-1,2-Dichloroethene    | 4.671  | 96    | 50186    | 5.007    | ug/L   | 95       |
| 33) Benzene                   | 5.777  | 78    | 55395    | 1.445    | ug/L   | 100      |
| 34) Trichloroethene           | 6.546  | 95    | 29945    | 2.922    | ug/L   | 96       |
| 35) Methylcyclohexane         | 6.694  | 83    | 9014     | 0.558    | ug/L # | 41       |
| 37) 1,2-Dichloropropane       | 6.694  | 63    | 4128     | 0.432    | ug/L # | 88       |
| 47) Tetrachloroethene         | 8.555  | 164   | 37403    | 4.303    | ug/L   | 96       |
| 49) Dibromochloromethane      | 8.555  | 129   | 33153    | 3.488    | ug/L # | 12       |
| -----                         |        |       |          |          |        |          |

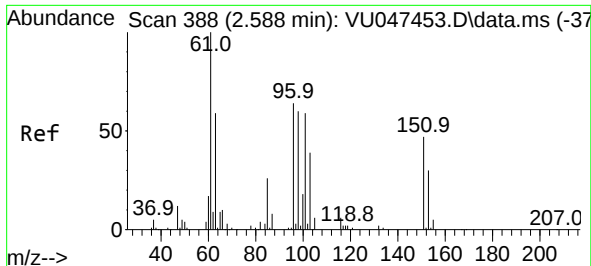
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU031022\  
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Acq On : 10 Mar 2022 16:04  
Operator : SY/MD  
Sample : N1840-02DL 4X  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

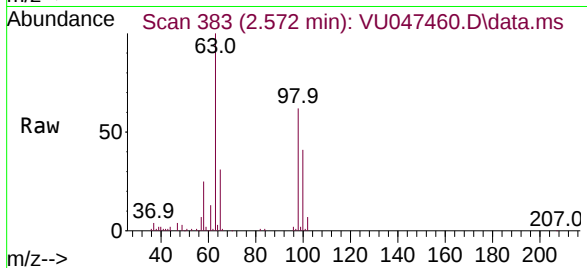
Quant Time: Mar 11 00:55:34 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR030922WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Mar 11 00:52:41 2022  
Response via : Initial Calibration



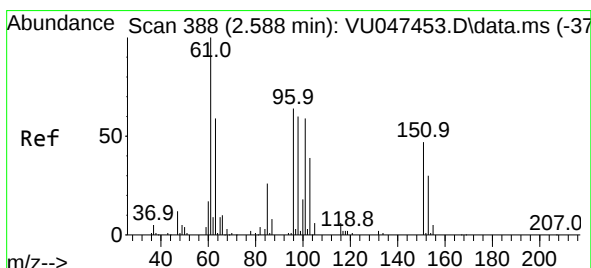
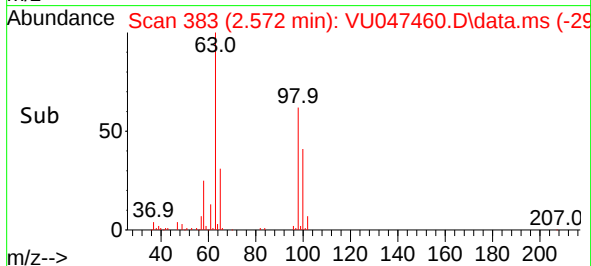
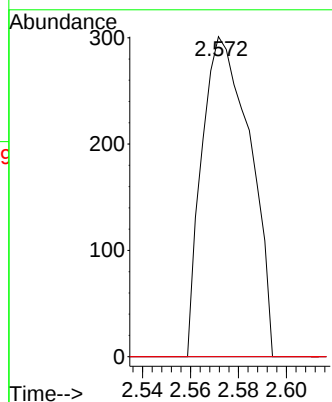


#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.049 ug/L  
 RT: 2.572 min Scan# 383  
 Delta R.T. -0.016 min  
 Lab File: VU047460.D  
 Acq: 10 Mar 2022 16:04

Instrument :  
 MSVOA\_U  
 ClientSampleId :

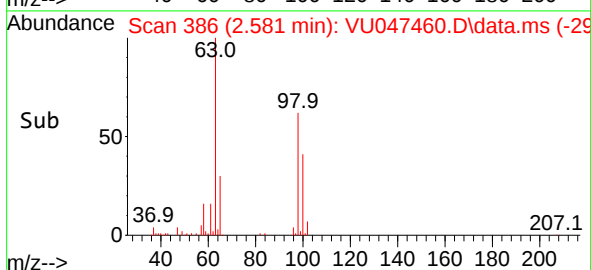
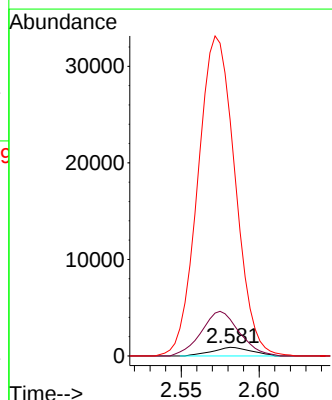
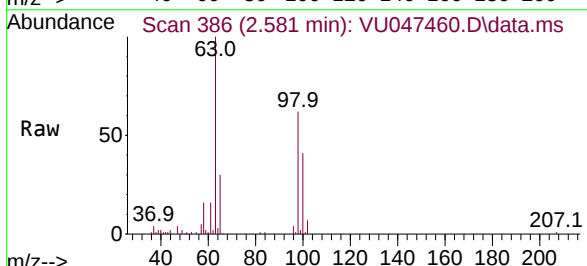


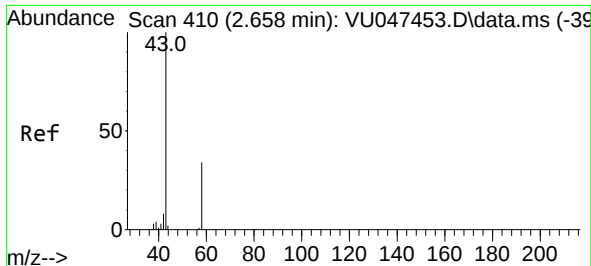
Tgt Ion:101 Resp: 418  
 Ion Ratio Lower Upper  
 101 100  
 85 0.0 33.8 50.6#  
 151 0.0 64.8 97.2#



#12  
 1,1-Dichloroethene  
 Concen: 0.185 ug/L  
 RT: 2.581 min Scan# 386  
 Delta R.T. -0.006 min  
 Lab File: VU047460.D  
 Acq: 10 Mar 2022 16:04

Tgt Ion: 96 Resp: 1562  
 Ion Ratio Lower Upper  
 96 100  
 61 425.6 108.8 202.0#  
 63 2738.6 64.0 119.0#





#13

Acetone

Concen: 5.790 ug/L

RT: 2.658 min Scan# 410

Delta R.T. 0.000 min

Lab File: VU047460.D

Acq: 10 Mar 2022 16:04

Instrument :

MSVOA\_U

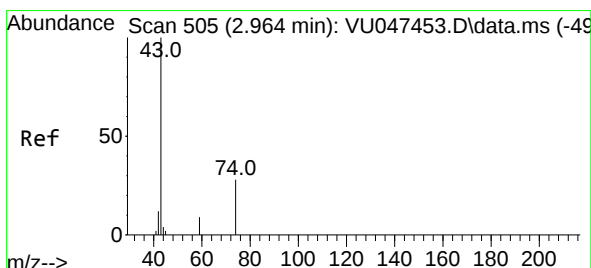
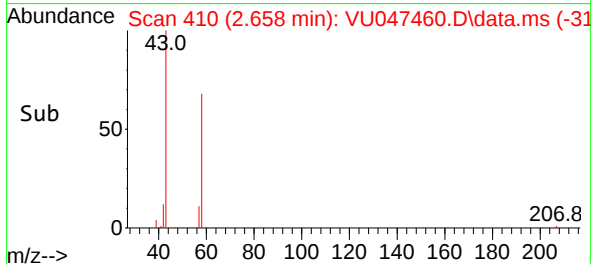
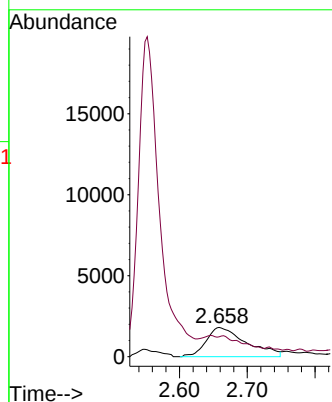
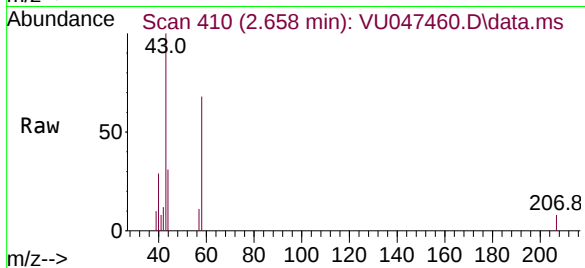
ClientSampleId :

Tgt Ion: 43 Resp: 7393

Ion Ratio Lower Upper

43 100

58 0.0 0.0 72.6



#15

Methyl Acetate

Concen: 0.166 ug/L

RT: 2.970 min Scan# 507

Delta R.T. 0.007 min

Lab File: VU047460.D

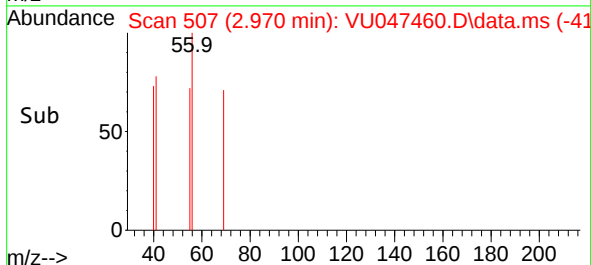
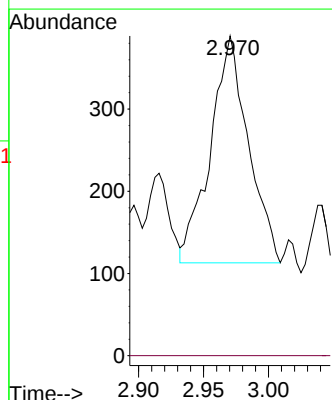
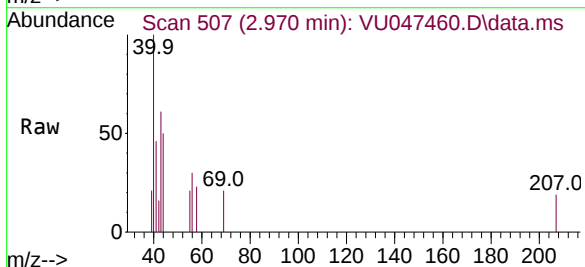
Acq: 10 Mar 2022 16:04

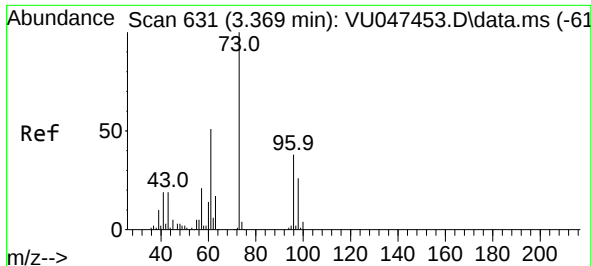
Tgt Ion: 43 Resp: 561

Ion Ratio Lower Upper

43 100

74 0.0 20.2 30.2#





#17

Methyl tert-butyl Ether

Concen: 3.753 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU047460.D

Acq: 10 Mar 2022 16:04

Instrument :

MSVOA\_U

ClientSampleId :

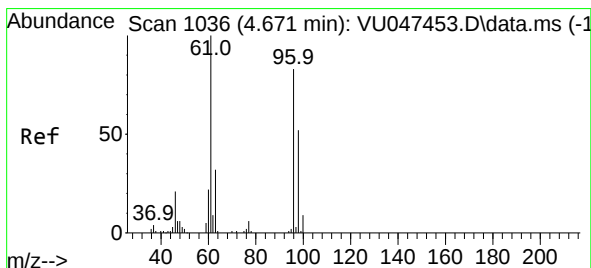
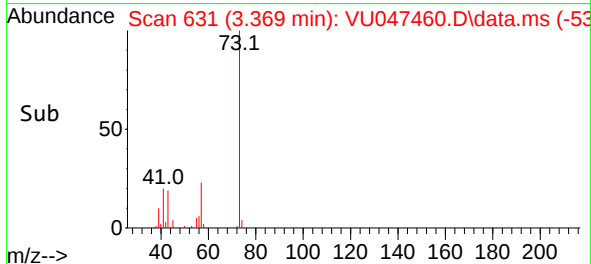
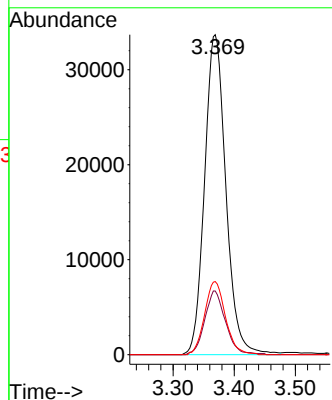
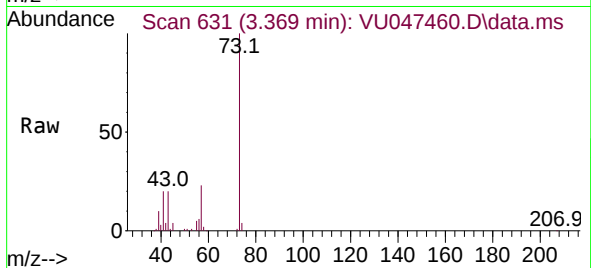
Tgt Ion: 73 Resp: 81773

Ion Ratio Lower Upper

73 100

43 19.3 14.6 22.0

57 22.3 16.5 24.7



#22

cis-1,2-Dichloroethene

Concen: 5.007 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047460.D

Acq: 10 Mar 2022 16:04

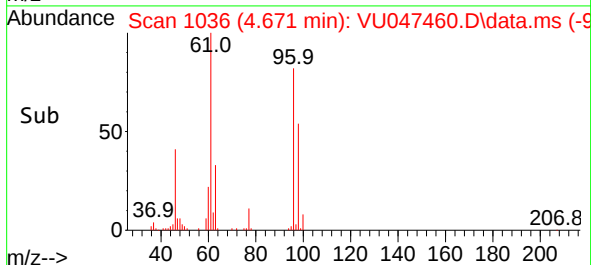
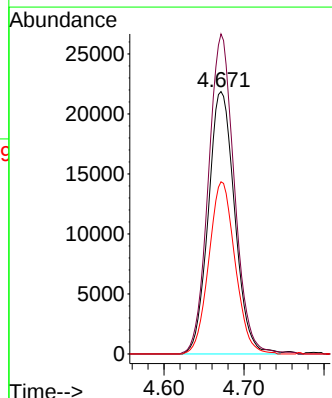
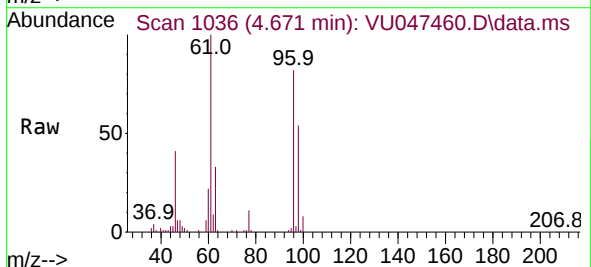
Tgt Ion: 96 Resp: 50186

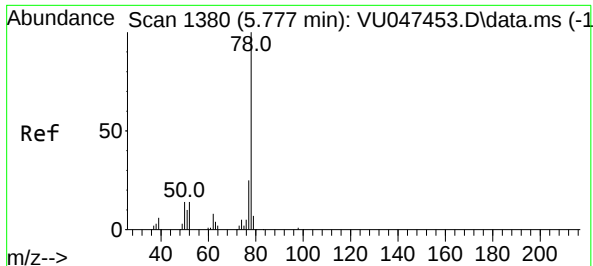
Ion Ratio Lower Upper

96 100

61 122.0 80.8 150.0

98 65.6 44.7 83.1

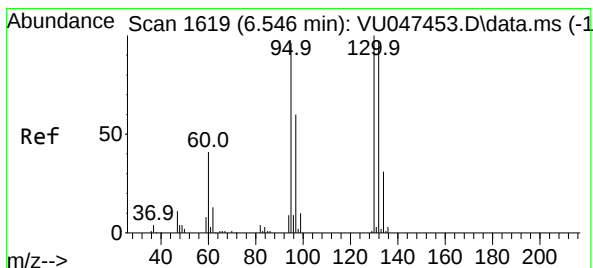
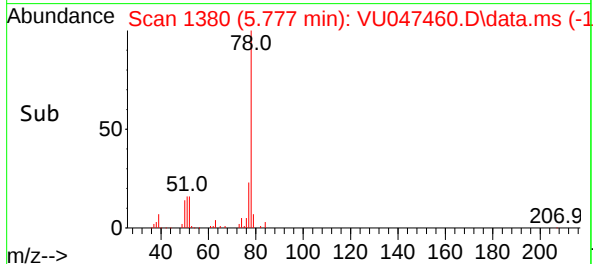
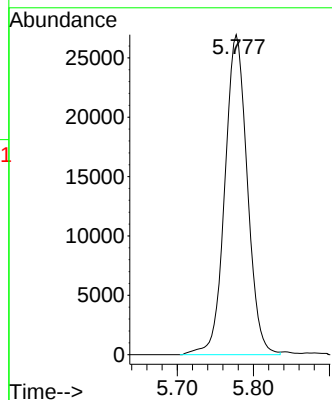
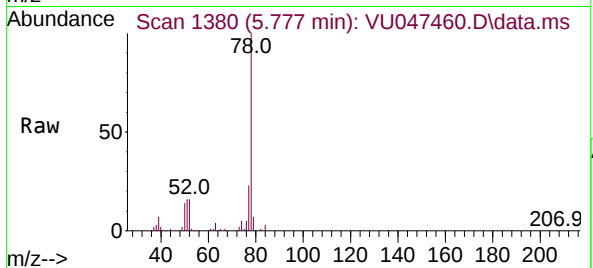




#33  
Benzene  
Concen: 1.445 ug/L  
RT: 5.777 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VU047460.D  
Acq: 10 Mar 2022 16:04

Instrument :  
MSVOA\_U  
ClientSampleId :

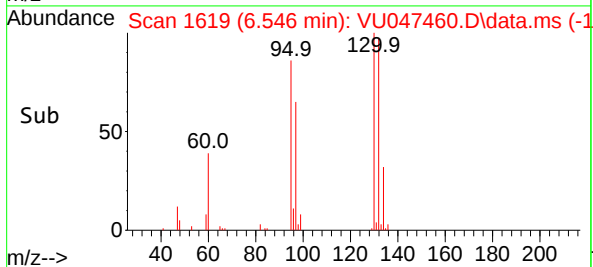
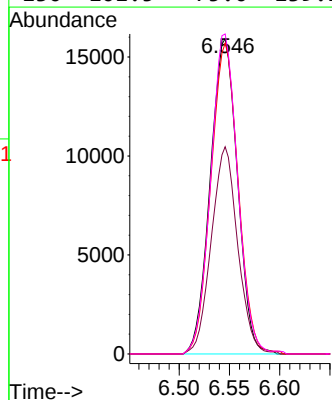
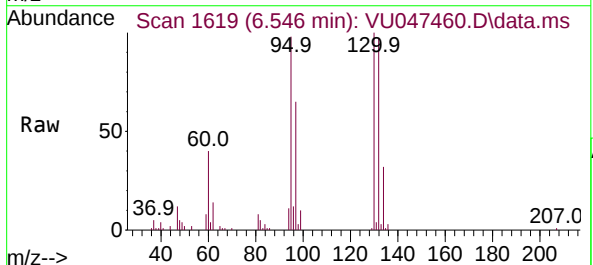
Tgt Ion: 78 Resp: 55395

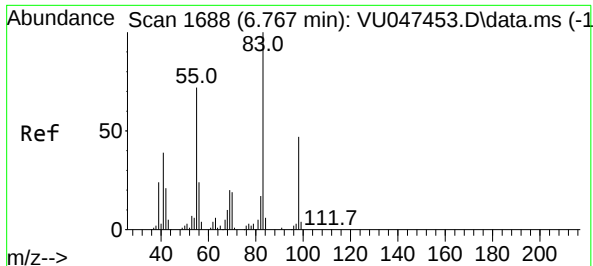


#34  
Trichloroethene  
Concen: 2.922 ug/L  
RT: 6.546 min Scan# 1619  
Delta R.T. 0.000 min  
Lab File: VU047460.D  
Acq: 10 Mar 2022 16:04

Tgt Ion: 95 Resp: 29945

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 65.7  | 46.3  | 85.9  |
| 132 | 98.6  | 71.7  | 133.1 |
| 130 | 101.5 | 75.0  | 139.2 |

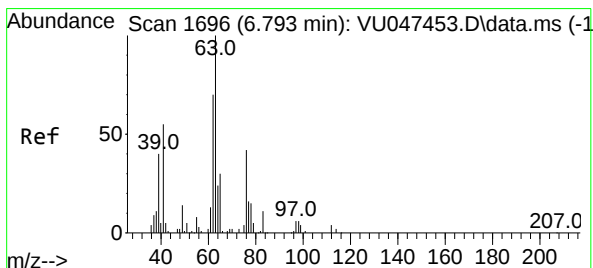
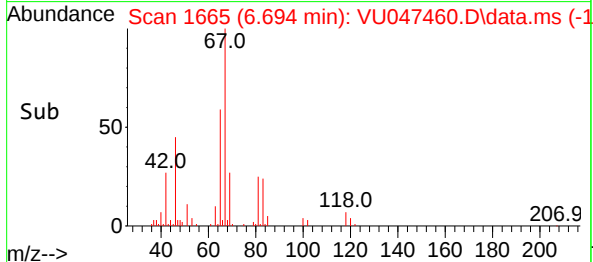
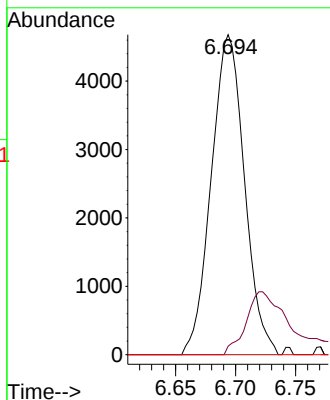
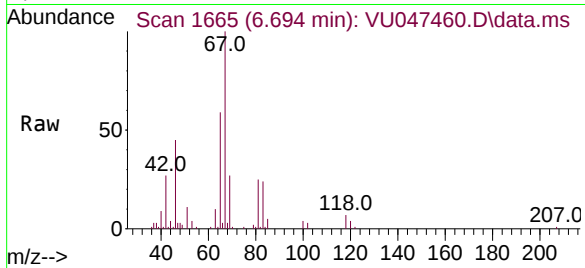




#35  
Methylcyclohexane  
Concen: 0.558 ug/L  
RT: 6.694 min Scan# 1665  
Delta R.T. -0.074 min  
Lab File: VU047460.D  
Acq: 10 Mar 2022 16:04

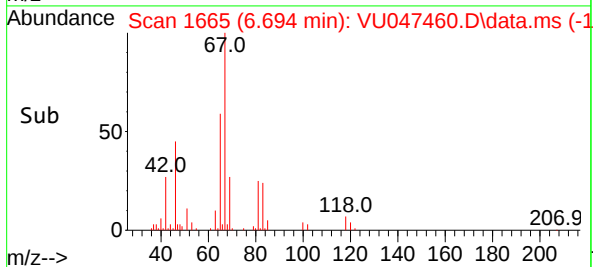
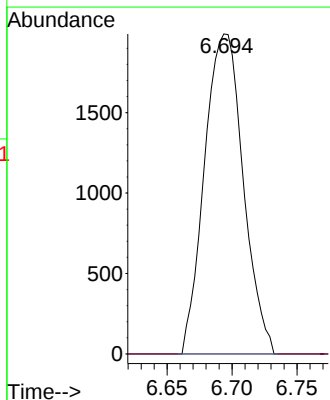
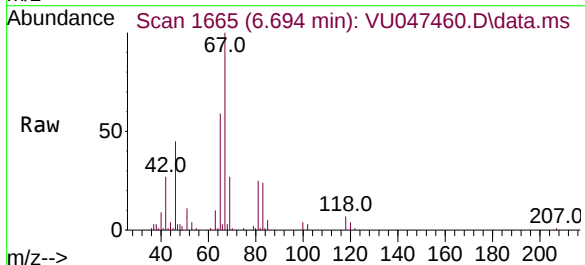
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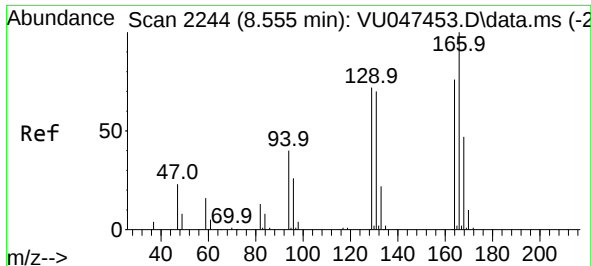
Tgt Ion: 83 Resp: 9014  
Ion Ratio Lower Upper  
83 100  
55 29.3 57.8 86.8#  
98 0.7 38.0 57.0#



#37  
1,2-Dichloropropane  
Concen: 0.432 ug/L  
RT: 6.694 min Scan# 1665  
Delta R.T. -0.099 min  
Lab File: VU047460.D  
Acq: 10 Mar 2022 16:04

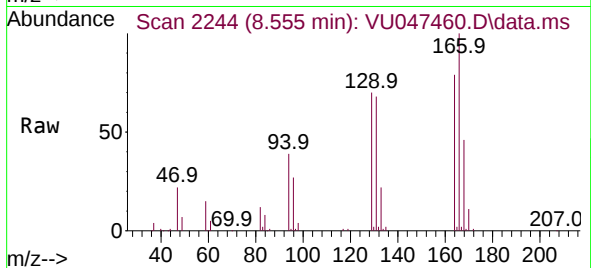
Tgt Ion: 63 Resp: 4128  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.3 4.9#



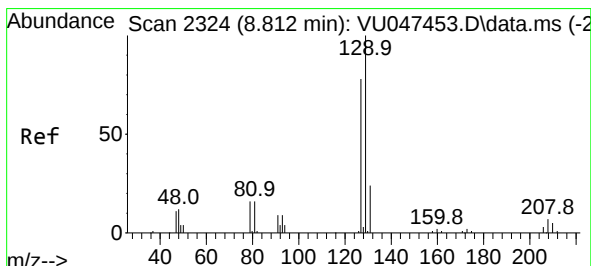
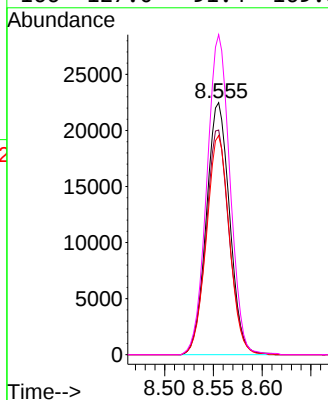
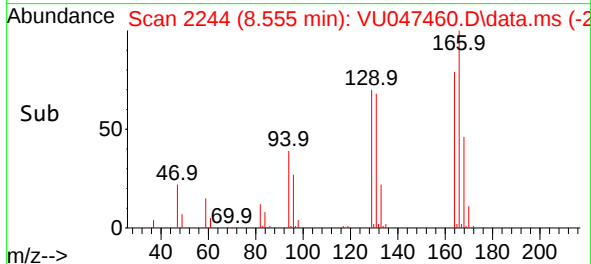


#47  
Tetrachloroethene  
Concen: 4.303 ug/L  
RT: 8.555 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: VU047460.D  
Acq: 10 Mar 2022 16:04

Instrument :  
MSVOA\_U  
ClientSampleId :



Tgt Ion:164 Resp: 37403  
Ion Ratio Lower Upper  
164 100  
129 89.2 64.9 120.5  
131 87.0 63.6 118.2  
166 127.0 91.4 169.8



#49  
Dibromochloromethane  
Concen: 3.488 ug/L  
RT: 8.555 min Scan# 2244  
Delta R.T. -0.257 min  
Lab File: VU047460.D  
Acq: 10 Mar 2022 16:04

Tgt Ion:129 Resp: 33153  
Ion Ratio Lower Upper  
129 100  
127 0.0 52.6 97.8#

