

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU081322\  
 Data File : VU050327.D  
 Acq On : 13 Aug 2022 18:42  
 Operator : SY/MD  
 Sample : N4115-16  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F5D82

Quant Time: Aug 14 01:29:11 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR080422WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sun Aug 14 01:24:58 2022  
 Response via : Initial Calibration

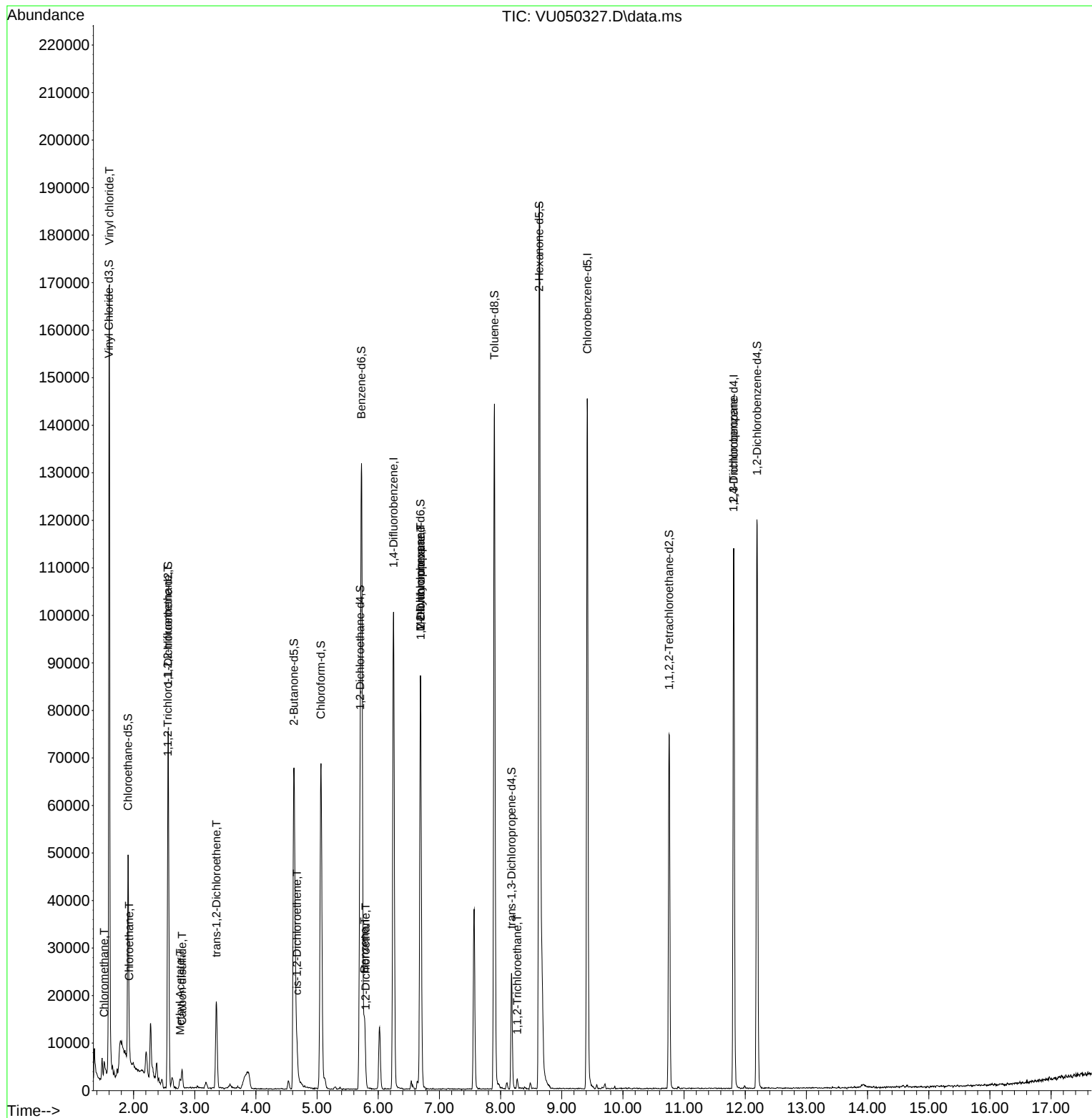
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.250  | 114            | 83688    | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.417  | 117            | 83208    | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152            | 31897    | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65             | 39904    | 5.730  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 114.600% |          |
| 7) Chloroethane-d5            | 1.909  | 69             | 31090    | 5.533  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 110.600% |          |
| 11) 1,1-Dichloroethene-d2     | 2.565  | 65             | 14410    | 5.294  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 105.800% |          |
| 20) 2-Butanone-d5             | 4.620  | 46             | 99123    | 58.363 | ug/L     | -0.02    |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 116.720% |          |
| 24) Chloroform-d              | 5.063  | 84             | 63914    | 4.934  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 98.600%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.703  | 65             | 35298    | 5.307  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 106.200% |          |
| 32) Benzene-d6                | 5.726  | 84             | 125503   | 4.833  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 96.600%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.690  | 67             | 43446    | 5.081  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 101.600% |          |
| 41) Toluene-d8                | 7.899  | 98             | 99306    | 4.330  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 86.600%  |          |
| 43) trans-1,3-Dichloroprop... | 8.179  | 79             | 14581    | 4.759  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 95.200%  |          |
| 46) 2-Hexanone-d5             | 8.632  | 63             | 59417    | 54.682 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 109.360% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.754 | 84             | 40140    | 5.346  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 107.000% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.192 | 152            | 32486    | 5.198  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 104.000% |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          | Qvalue   |
| 3) Chloromethane              | 1.520  | 50             | 2092     | 0.208  | ug/L     | 92       |
| 5) Vinyl chloride             | 1.604  | 62             | 82953    | 9.226  | ug/L     | 99       |
| 8) Chloroethane               | 1.928  | 64             | 1827     | 0.345  | ug/L #   | 61       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.559  | 101            | 343      | 0.063  | ug/L #   | 22       |
| 14) Carbon disulfide          | 2.793  | 76             | 4980     | 0.241  | ug/L     | 98       |
| 15) Methyl Acetate            | 2.761  | 43             | 792      | 0.307  | ug/L #   | 46       |
| 18) trans-1,2-Dichloroethene  | 3.353  | 96             | 7800     | 1.204  | ug/L     | 94       |
| 22) cis-1,2-Dichloroethene    | 4.671  | 96             | 2621     | 0.365  | ug/L     | 96       |
| 27) 1,2-Dichloroethane        | 5.793  | 62             | 944      | 0.119  | ug/L #   | 73       |
| 33) Benzene                   | 5.774  | 78             | 14709    | 0.505  | ug/L     | 100      |
| 35) Methylcyclohexane         | 6.690  | 83             | 9341     | 1.026  | ug/L #   | 18       |
| 37) 1,2-Dichloropropane       | 6.694  | 63             | 4388     | 0.565  | ug/L #   | 89       |
| 45) 1,1,2-Trichloroethane     | 8.272  | 97             | 1563     | 0.269  | ug/L #   | 16       |
| 61) 1,2,3-Trichloropropane    | 11.809 | 75             | 4094     | 0.942  | ug/L #   | 65       |
| -----                         |        |                |          |        |          |          |

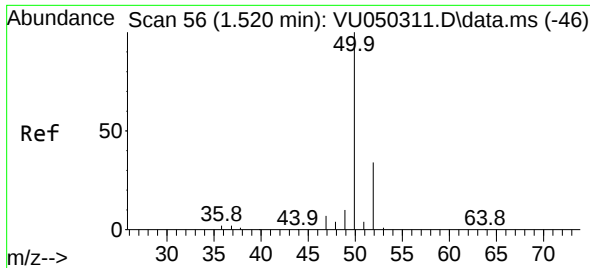
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU081322\  
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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Sun Aug 14 01:24:58 2022  
Response via : Initial Calibration

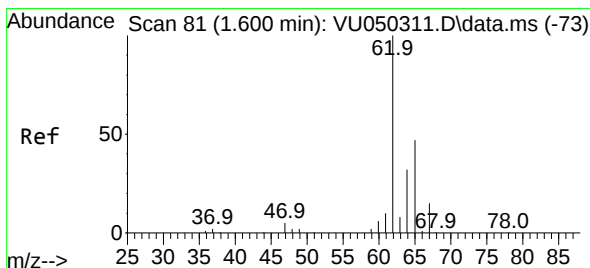
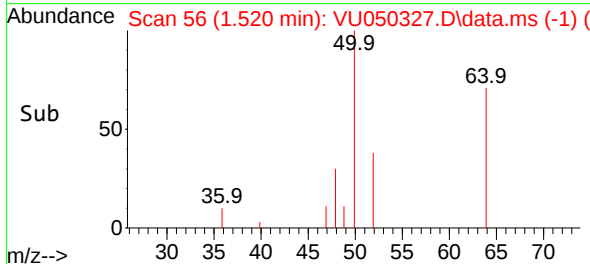
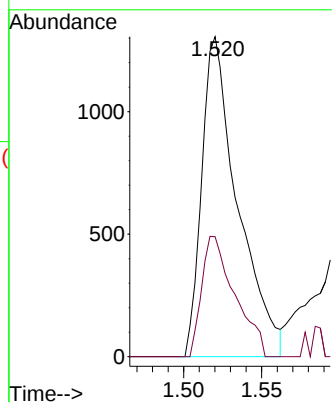
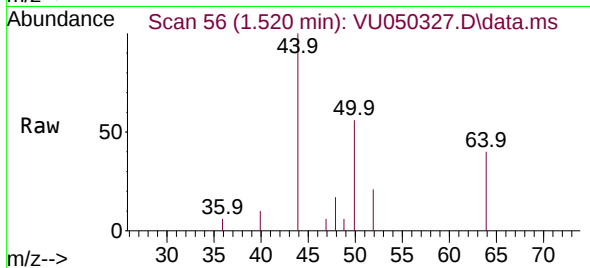




#3  
Chloromethane  
Concen: 0.208 ug/L  
RT: 1.520 min Scan# 50  
Delta R.T. 0.000 min  
Lab File: VU050327.D  
Acq: 13 Aug 2022 18:42

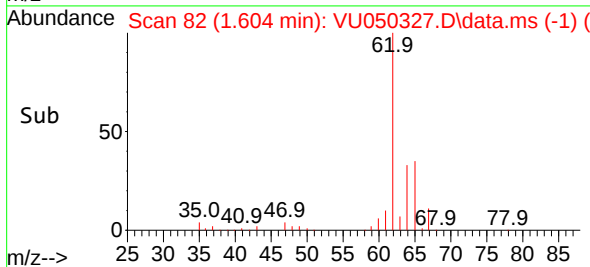
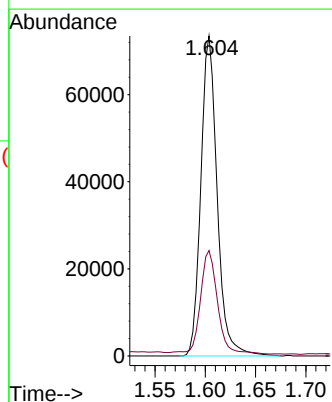
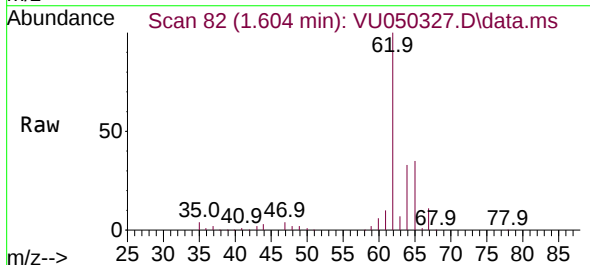
Instrument :  
MSVOA\_U  
ClientSampleId :  
F5D82

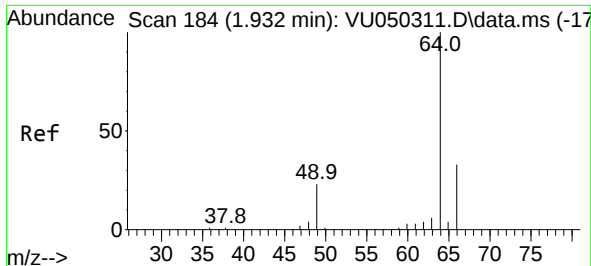
Tgt Ion: 50 Resp: 2092  
Ion Ratio Lower Upper  
50 100  
52 37.5 23.2 43.2



#5  
Vinyl chloride  
Concen: 9.226 ug/L  
RT: 1.604 min Scan# 82  
Delta R.T. 0.003 min  
Lab File: VU050327.D  
Acq: 13 Aug 2022 18:42

Tgt Ion: 62 Resp: 82953  
Ion Ratio Lower Upper  
62 100  
64 32.9 22.8 42.4

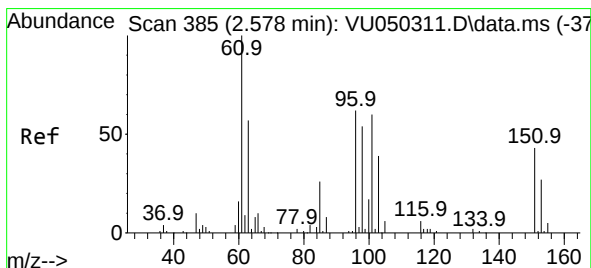
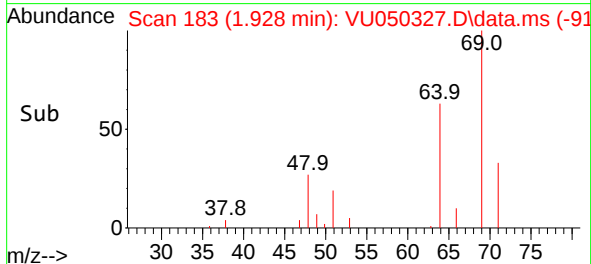
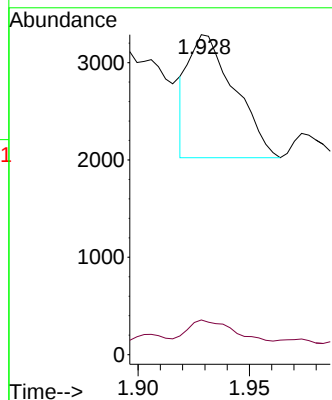
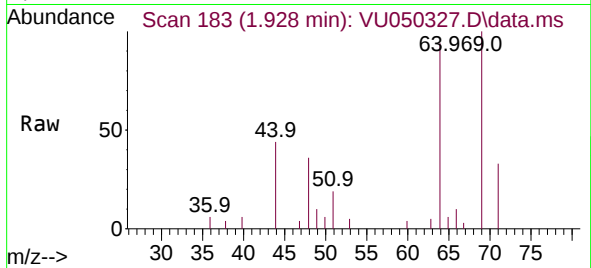




#8  
Chloroethane  
Concen: 0.345 ug/L  
RT: 1.928 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: VU050327.D  
Acq: 13 Aug 2022 18:42

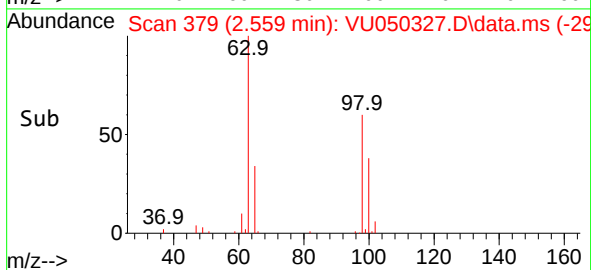
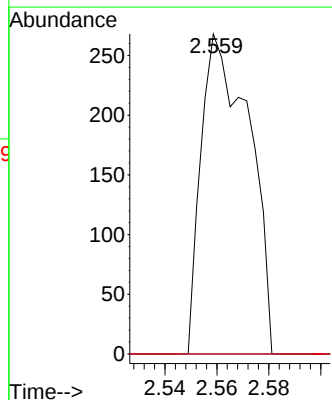
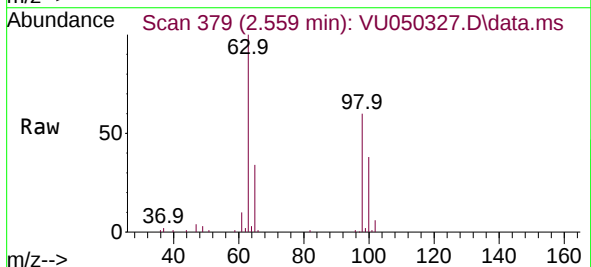
Instrument :  
MSVOA\_U  
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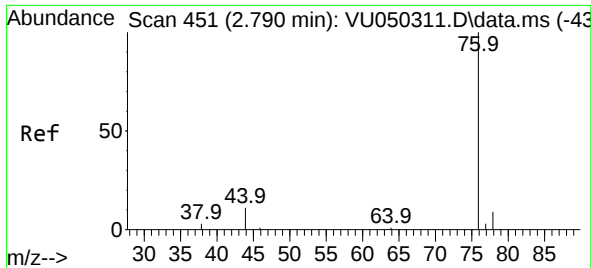
Tgt Ion: 64 Resp: 1827  
Ion Ratio Lower Upper  
64 100  
66 10.9 22.8 42.4#



#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.063 ug/L  
RT: 2.559 min Scan# 379  
Delta R.T. -0.019 min  
Lab File: VU050327.D  
Acq: 13 Aug 2022 18:42

Tgt Ion:101 Resp: 343  
Ion Ratio Lower Upper  
101 100  
85 0.0 35.6 53.4#  
151 0.0 55.2 82.8#

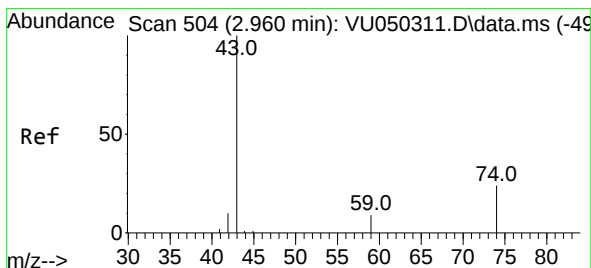
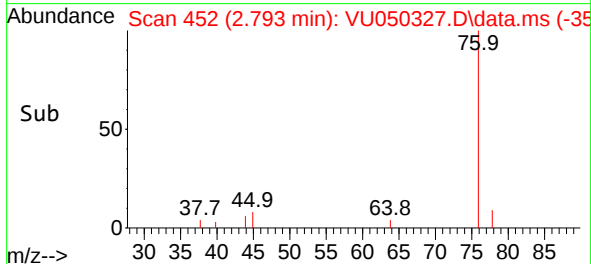
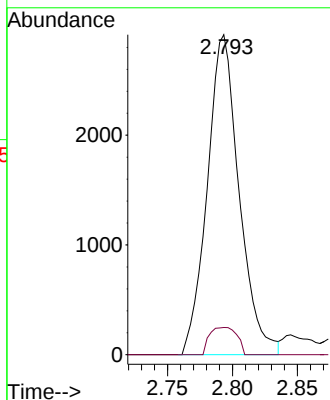
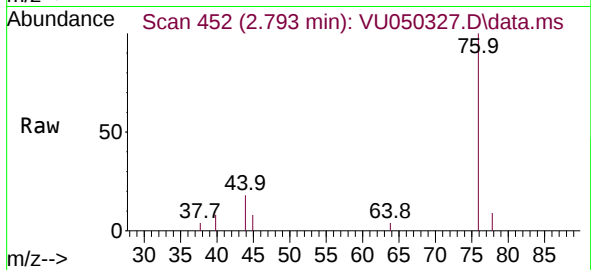




#14  
Carbon disulfide  
Concen: 0.241 ug/L  
RT: 2.793 min Scan# 41  
Delta R.T. 0.003 min  
Lab File: VU050327.D  
Acq: 13 Aug 2022 18:42

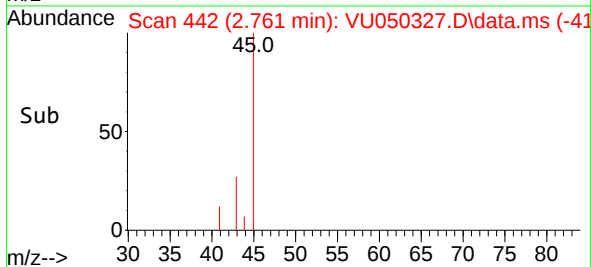
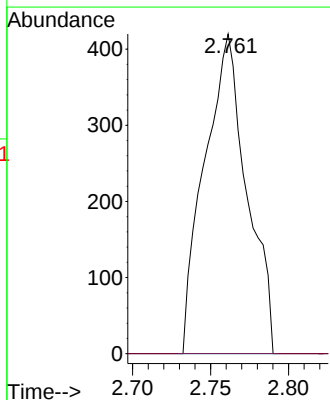
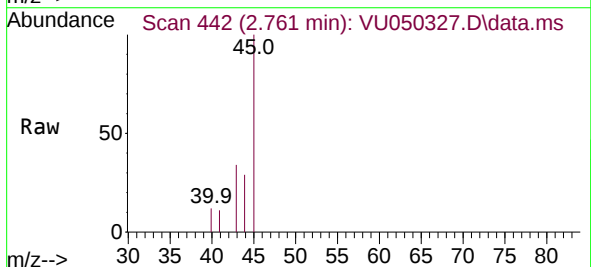
Instrument :  
MSVOA\_U  
ClientSampleId :  
F5D82

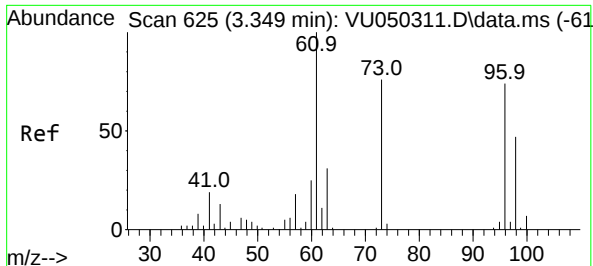
Tgt Ion: 76 Resp: 4980  
Ion Ratio Lower Upper  
76 100  
78 8.5 7.4 11.0



#15  
Methyl Acetate  
Concen: 0.307 ug/L  
RT: 2.761 min Scan# 442  
Delta R.T. -0.199 min  
Lab File: VU050327.D  
Acq: 13 Aug 2022 18:42

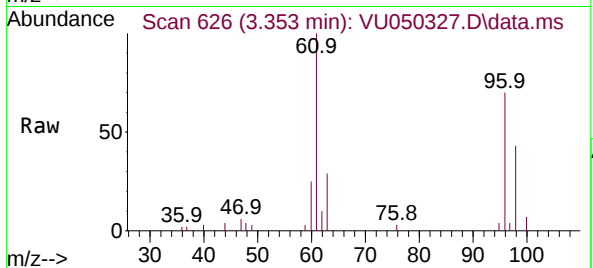
Tgt Ion: 43 Resp: 792  
Ion Ratio Lower Upper  
43 100  
74 0.0 22.7 34.1#



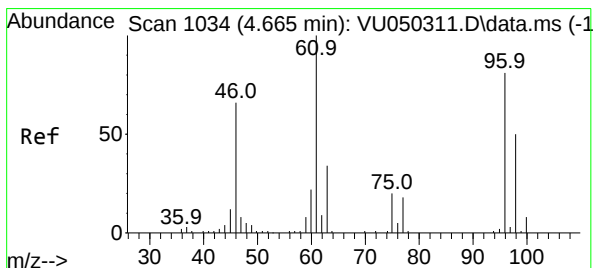
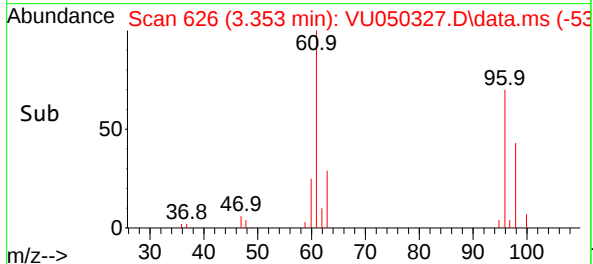
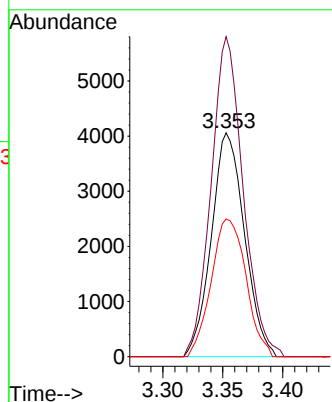


#18  
trans-1,2-Dichloroethene  
Concen: 1.204 ug/L  
RT: 3.353 min Scan# 61  
Delta R.T. 0.003 min  
Lab File: VU050327.D  
Acq: 13 Aug 2022 18:42

Instrument :  
MSVOA\_U  
ClientSampleId :  
F5D82

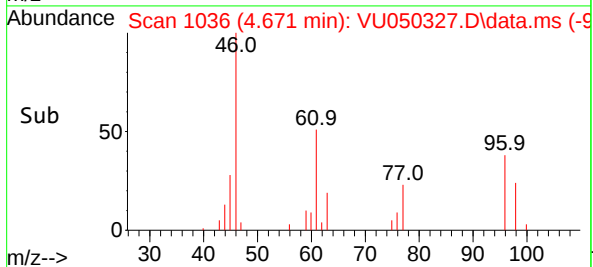
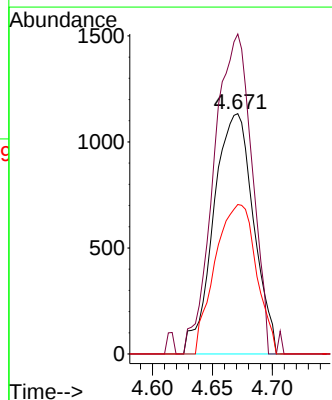
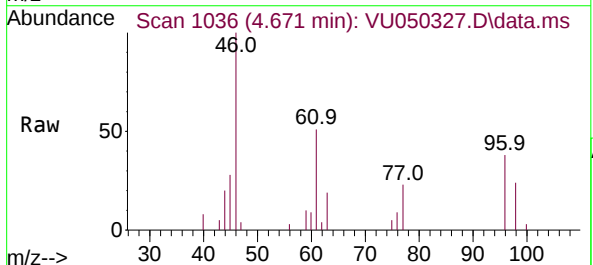


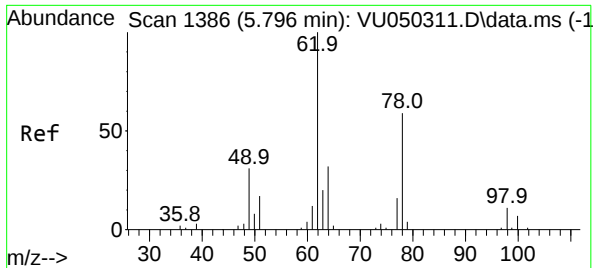
Tgt Ion: 96 Resp: 7800  
Ion Ratio Lower Upper  
96 100  
61 143.0 92.3 171.5  
98 61.6 43.2 80.2



#22  
cis-1,2-Dichloroethene  
Concen: 0.365 ug/L  
RT: 4.671 min Scan# 1036  
Delta R.T. 0.006 min  
Lab File: VU050327.D  
Acq: 13 Aug 2022 18:42

Tgt Ion: 96 Resp: 2621  
Ion Ratio Lower Upper  
96 100  
61 133.2 89.0 165.4  
98 62.2 45.2 84.0





#27

1,2-Dichloroethane

Concen: 0.119 ug/L

RT: 5.793 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU050327.D

Acq: 13 Aug 2022 18:42

Instrument :

MSVOA\_U

ClientSampleId :

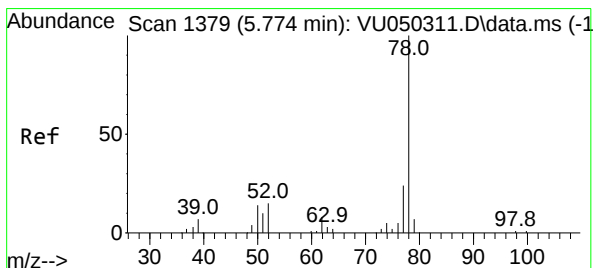
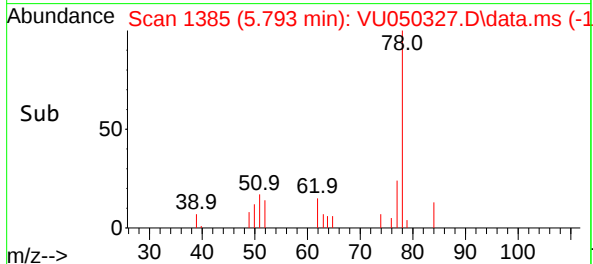
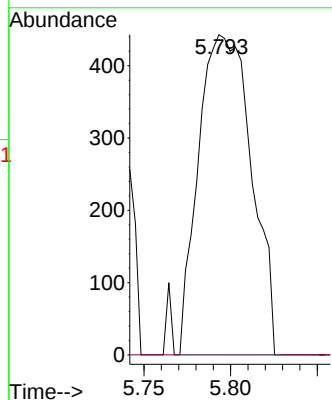
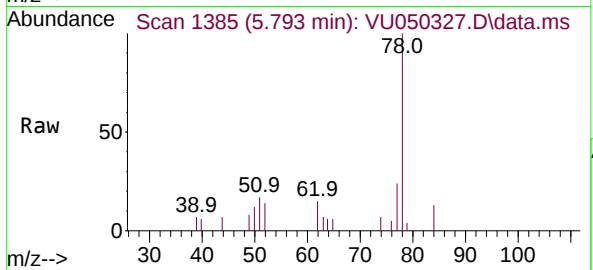
F5D82

Tgt Ion: 62 Resp: 944

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.8#



#33

Benzene

Concen: 0.505 ug/L

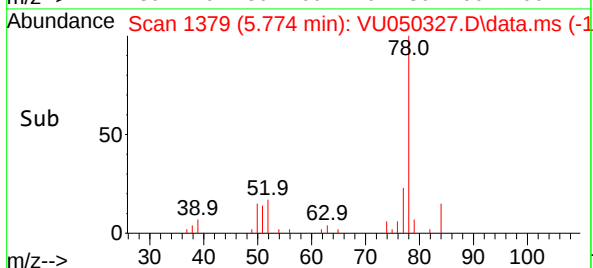
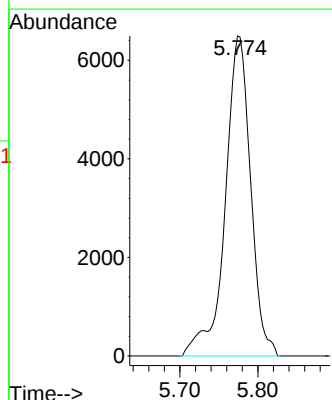
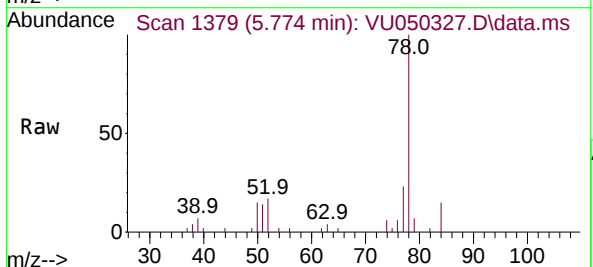
RT: 5.774 min Scan# 1379

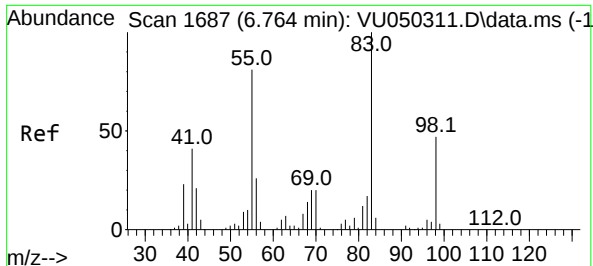
Delta R.T. 0.000 min

Lab File: VU050327.D

Acq: 13 Aug 2022 18:42

Tgt Ion: 78 Resp: 14709





#35

Methylcyclohexane

Concen: 1.026 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU050327.D

Acq: 13 Aug 2022 18:42

Instrument :

MSVOA\_U

ClientSampleId :

F5D82

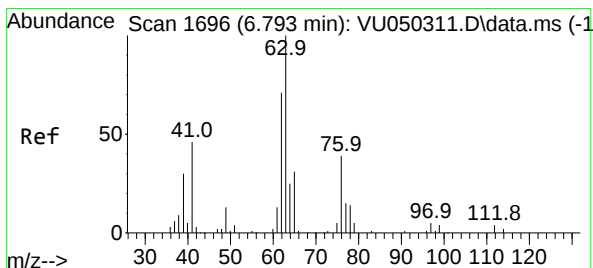
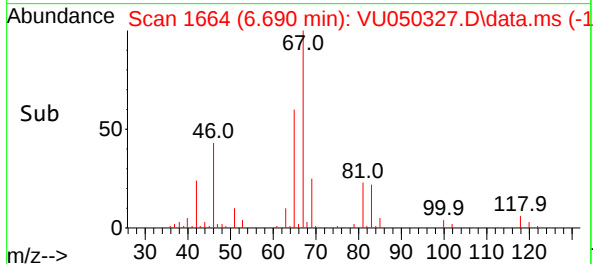
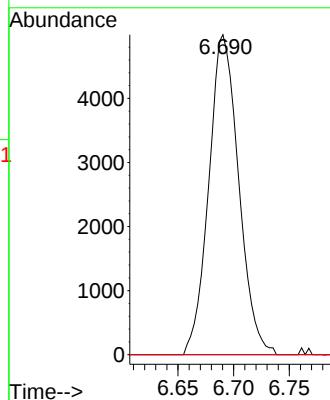
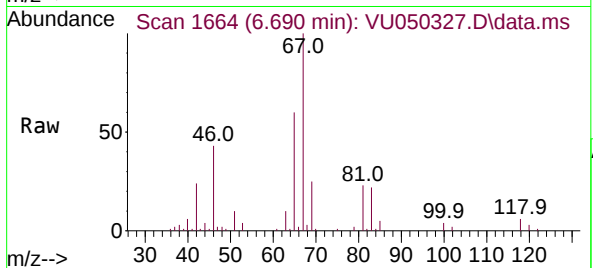
Tgt Ion: 83 Resp: 9341

Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 0.0 36.2 54.2#



#37

1,2-Dichloropropane

Concen: 0.565 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU050327.D

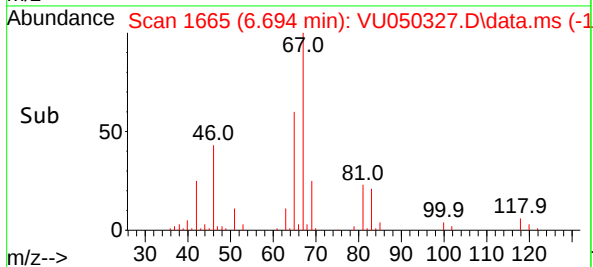
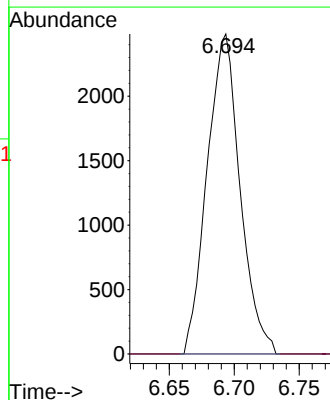
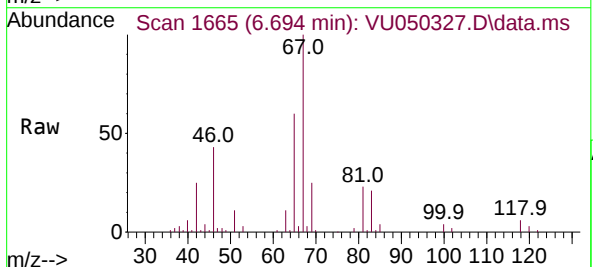
Acq: 13 Aug 2022 18:42

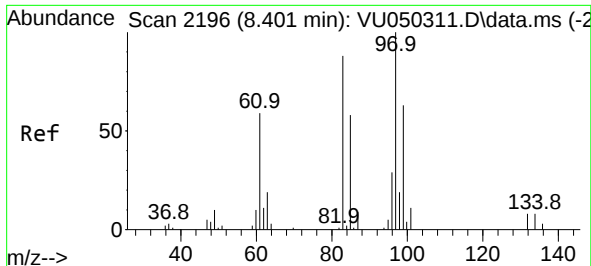
Tgt Ion: 63 Resp: 4388

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#

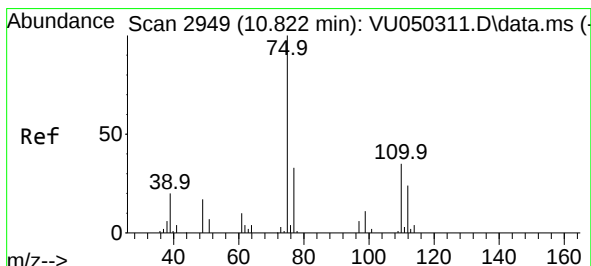
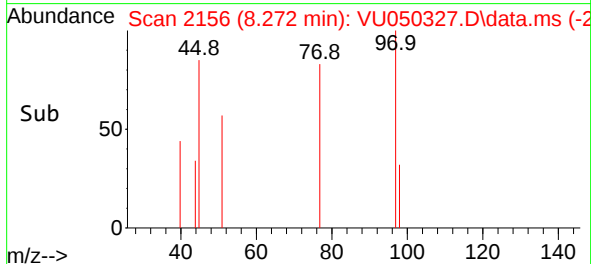
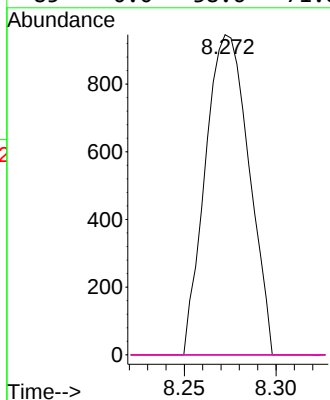
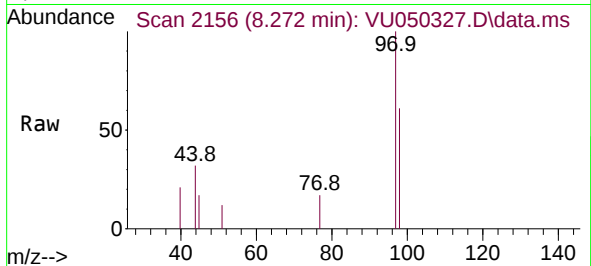




#45  
 1,1,2-Trichloroethane  
 Concen: 0.269 ug/L  
 RT: 8.272 min Scan# 2156  
 Delta R.T. -0.129 min  
 Lab File: VU050327.D  
 Acq: 13 Aug 2022 18:42

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F5D82

|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 1563  |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 99 0.0      | 42.2 78.4#  |
| 83 0.0      | 59.6 110.6# |
| 85 0.0      | 38.6 71.8#  |



#61  
 1,2,3-Trichloropropane  
 Concen: 0.942 ug/L  
 RT: 11.809 min Scan# 3256  
 Delta R.T. 0.987 min  
 Lab File: VU050327.D  
 Acq: 13 Aug 2022 18:42

|             |             |
|-------------|-------------|
| Tgt Ion: 75 | Resp: 4094  |
| Ion Ratio   | Lower Upper |
| 75 100      |             |
| 110 0.0     | 28.5 42.7#  |
| 77 28.0     | 25.8 38.6   |

