

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL012324\  
 Data File : VL041001.D  
 Acq On : 23 Jan 2024 18:07  
 Operator : SY/MD  
 Sample : P1211-02DUP  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

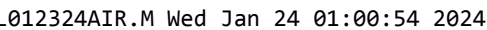
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 IA1DUP

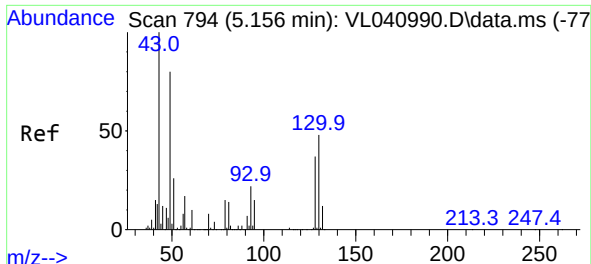
Quant Time: Jan 24 01:00:47 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL012324AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
 QLast Update : Wed Jan 24 00:50:15 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) Bromochloromethane         | 5.156  | 49    | 992346   | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene       | 6.616  | 114   | 2590053  | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5          | 11.420 | 117   | 2178547  | 10.000   | ppbv   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene   | 13.732 | 95    | 1589402  | 9.659    | ppbv   | 0.00     |
| Spiked Amount                 | 10.000 | Range | 65 - 135 | Recovery | =      | 96.600%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 2.703  | 85    | 105237   | 0.480    | ppbv   | 94       |
| 3) Chlorodifluoromethane      | 2.845  | 51    | 18256    | 0.109    | ppbv # | 64       |
| 4) Chloromethane              | 2.784  | 50    | 29213    | 0.467    | ppbv   | 96       |
| 7) Chloroethane               | 3.169  | 64    | 33345    | 1.510    | ppbv   | 91       |
| 9) Propene                    | 2.845  | 41    | 897446   | 16.392   | ppbv   | 90       |
| 10) Heptane                   | 7.539  | 43    | 52243    | 0.388    | ppbv   | 95       |
| 11) Trichlorofluoromethane    | 3.533  | 101   | 40293    | 0.228    | ppbv   | 84       |
| 12) 1,1,2-Trichlorotrifluo... | 4.031  | 101   | 3958     | 0.031    | ppbv # | 14       |
| 13) Ethanol                   | 3.218  | 45    | 5206942  | 399.068  | ppbv   | 93       |
| 15) Acetone                   | 3.433  | 43    | 6590198  | 51.932   | ppbv   | 98       |
| 16) 1,3-Butadiene             | 2.935  | 39    | 5461     | 0.090    | ppbv # | 10       |
| 17) tert-Butyl alcohol        | 3.555  | 59    | 699116   | 6.717    | ppbv   | 96       |
| 19) Isopropyl Alcohol         | 3.555  | 45    | 14619318 | 199.017  | ppbv # | 95       |
| 20) Methylene Chloride        | 3.906  | 84    | 157163   | 3.218    | ppbv   | 95       |
| 21) Allyl Chloride            | 3.703  | 41    | 47364    | 0.614    | ppbv # | 18       |
| 23) Vinyl Acetate             | 4.581  | 43    | 27341    | 0.209    | ppbv # | 53       |
| 25) Ethyl Acetate             | 5.179  | 43    | 142474   | 0.619    | ppbv # | 87       |
| 26) Hexane                    | 5.176  | 57    | 152995   | 1.560    | ppbv # | 48       |
| 29) Chloroform                | 5.240  | 83    | 22335    | 0.128    | ppbv   | 99       |
| 30) Cyclohexane               | 6.568  | 84    | 5243     | 0.064    | ppbv # | 1        |
| 34) 2-Butanone                | 4.748  | 43    | 716069   | 5.803    | ppbv   | 100      |
| 35) Carbon Tetrachloride      | 6.452  | 117   | 8426     | 0.049    | ppbv # | 69       |
| 36) Benzene                   | 6.330  | 78    | 51311    | 0.240    | ppbv # | 92       |
| 39) 1,2-Dichloropropane       | 6.613  | 63    | 645205   | 7.657    | ppbv # | 24       |
| 41) Tetrahydrofuran           | 5.513  | 42    | 1571537  | 18.757   | ppbv   | 98       |
| 44) 2,2,4-Trimethylpentane    | 7.288  | 57    | 24270    | 0.067    | ppbv # | 11       |
| 50) 4-Methyl-2-Pentanone      | 8.150  | 43    | 9490     | 0.044    | ppbv # | 40       |
| 53) Toluene                   | 9.182  | 91    | 208463   | 0.890    | ppbv # | 10       |
| 58) Ethyl Benzene             | 12.047 | 91    | 20080    | 0.069    | ppbv   | 95       |
| 59) m/p-Xylene                | 12.330 | 91    | 22554    | 0.088    | ppbv # | 32       |
| 60) o-Xylene                  | 13.008 | 91    | 16589    | 0.068    | ppbv # | 11       |
| 74) 1,2,4-Trimethylbenzene    | 16.060 | 105   | 10066    | 0.037    | ppbv # | 31       |
| 80) Naphthalene,2-methyl-     | 24.374 | 142   | 2240     | 0.081    | ppbv # | 49       |
| -----                         |        |       |          |          |        |          |

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

Quant Time: Jan 24 01:00:47 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL012324AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_LFri Aug 26 06:05:16 2022  
QLast Update : Wed Jan 24 00:50:15 2024  
Response via : Initial Calibration

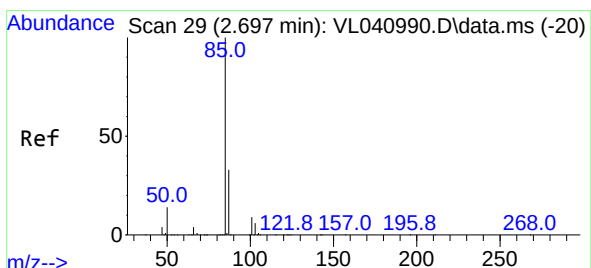
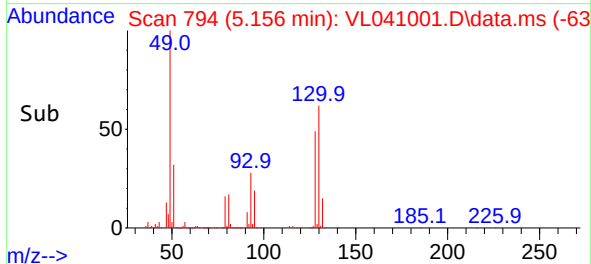
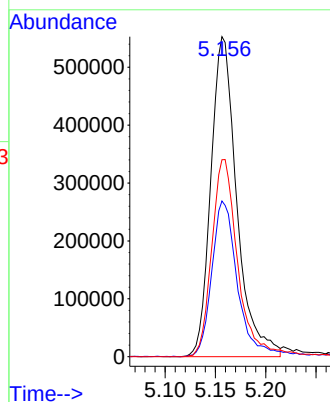
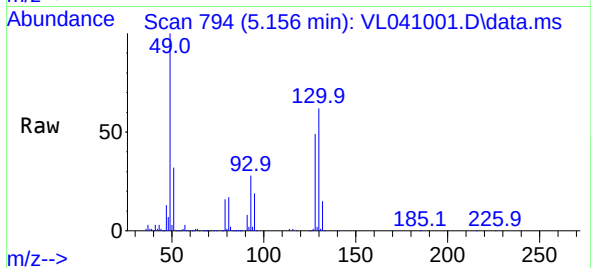




#1  
Bromochloromethane  
Concen: 10.000 ppbv  
RT: 5.156 min Scan# 794  
Delta R.T. 0.000 min  
Lab File: VL041001.D  
Acq: 23 Jan 2024 18:07

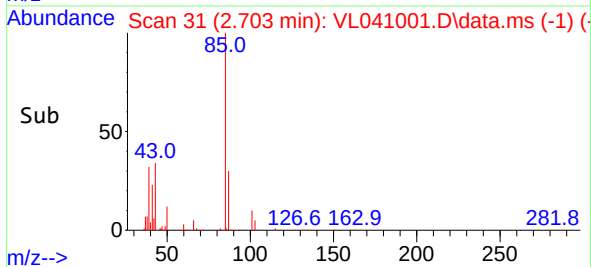
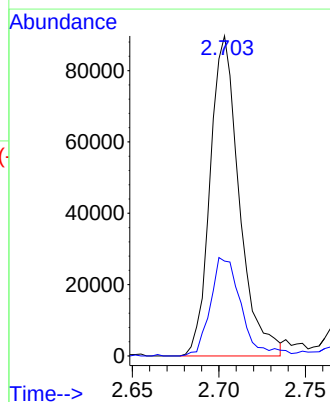
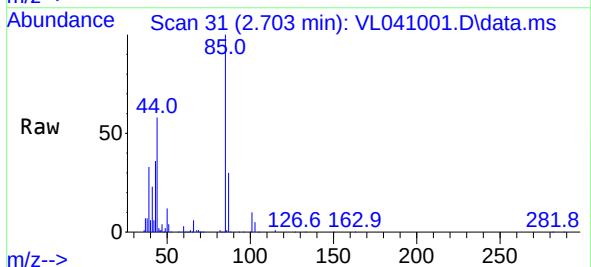
Instrument :  
MSVOA\_1  
ClientSampleId :  
IA1DUP

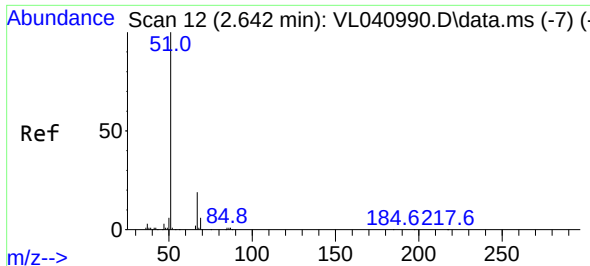
Tgt Ion: 49 Resp: 992346  
Ion Ratio Lower Upper  
49 100  
128 49.4 23.9 71.7  
130 63.3 31.1 93.5



#2  
Dichlorodifluoromethane  
Concen: 0.480 ppbv  
RT: 2.703 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VL041001.D  
Acq: 23 Jan 2024 18:07

Tgt Ion: 85 Resp: 105237  
Ion Ratio Lower Upper  
85 100  
87 29.7 26.3 39.5

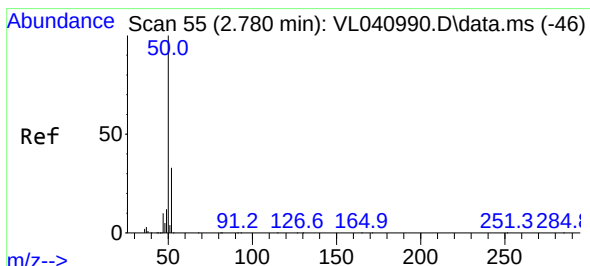
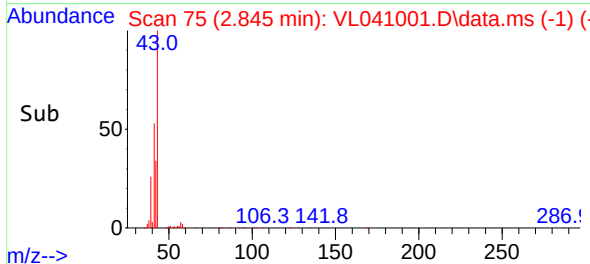
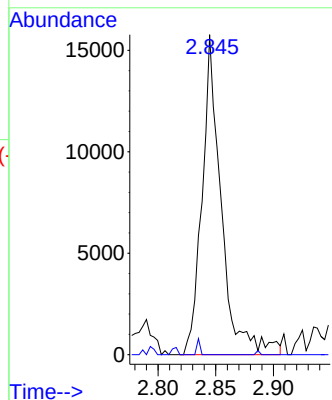
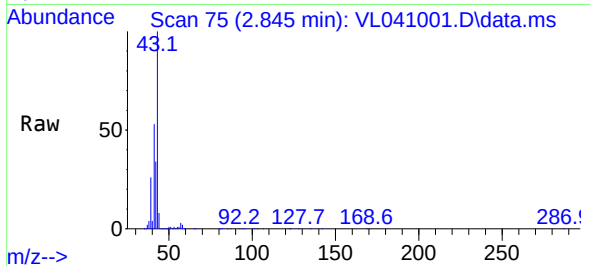




#3  
Chlorodifluoromethane  
Concen: 0.109 ppbv  
RT: 2.845 min Scan# 71  
Delta R.T. 0.203 min  
Lab File: VL041001.D  
Acq: 23 Jan 2024 18:07

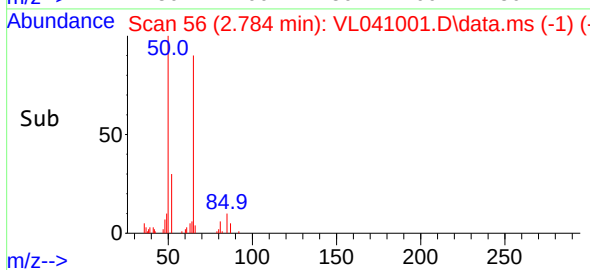
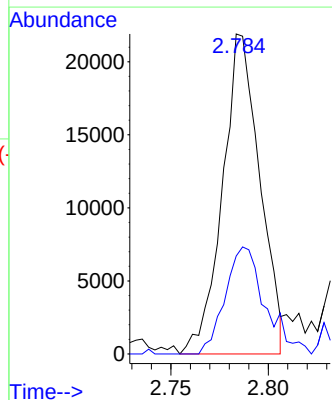
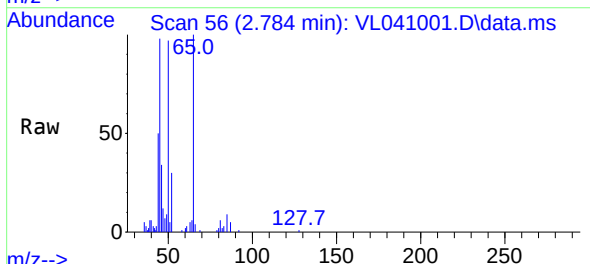
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA1DUP

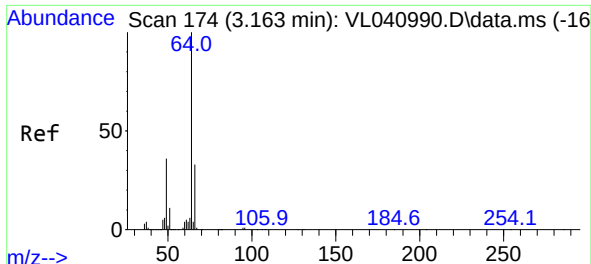
Tgt Ion: 51 Resp: 18256  
Ion Ratio Lower Upper  
51 100  
67 2.2 14.8 22.2#



#4  
Chloromethane  
Concen: 0.467 ppbv  
RT: 2.784 min Scan# 56  
Delta R.T. 0.003 min  
Lab File: VL041001.D  
Acq: 23 Jan 2024 18:07

Tgt Ion: 50 Resp: 29213  
Ion Ratio Lower Upper  
50 100  
52 30.3 26.2 39.4

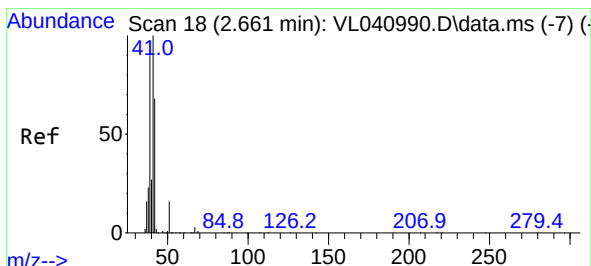
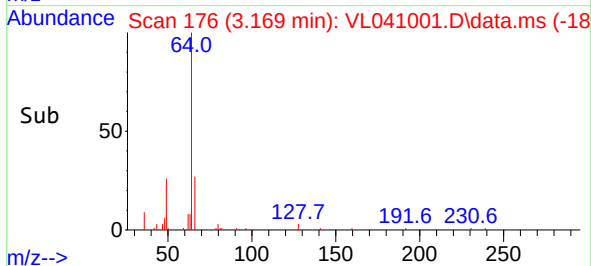
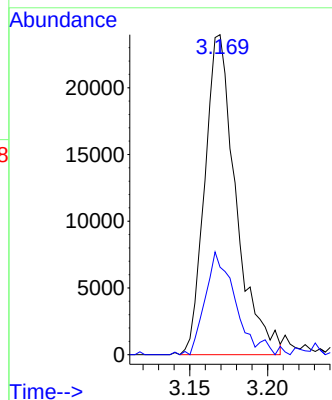
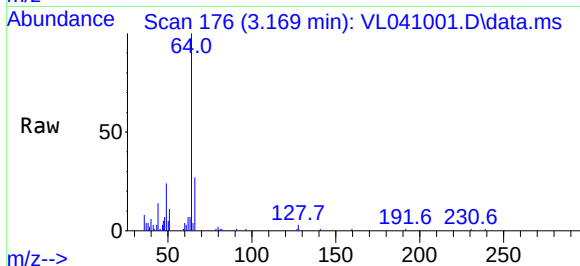




#7  
Chloroethane  
Concen: 1.510 ppbv  
RT: 3.169 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VL041001.D  
Acq: 23 Jan 2024 18:07

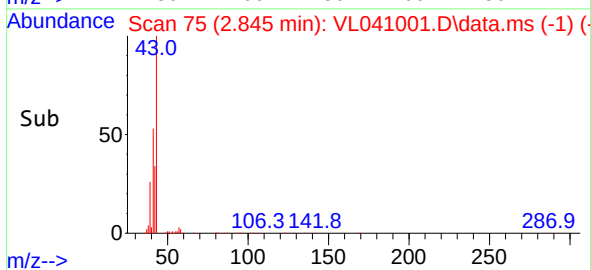
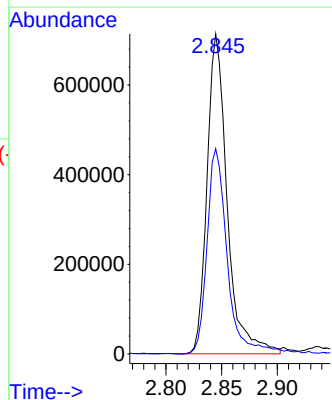
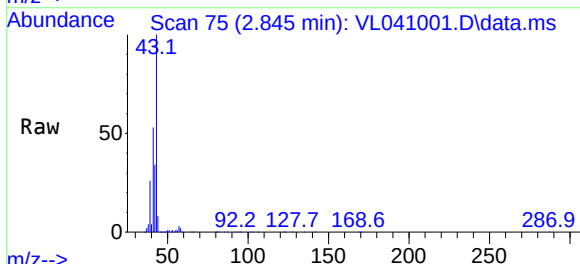
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA1DUP

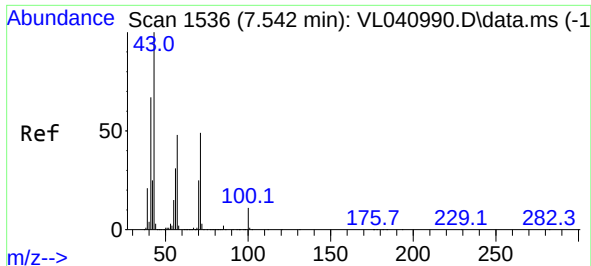
Tgt Ion: 64 Resp: 33345  
Ion Ratio Lower Upper  
64 100  
66 27.3 26.0 39.0



#9  
Propene  
Concen: 16.392 ppbv  
RT: 2.845 min Scan# 75  
Delta R.T. 0.183 min  
Lab File: VL041001.D  
Acq: 23 Jan 2024 18:07

Tgt Ion: 41 Resp: 897446  
Ion Ratio Lower Upper  
41 100  
42 65.2 59.0 88.4





#10

Heptane

Concen: 0.388 ppbv

RT: 7.539 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL041001.D

Acq: 23 Jan 2024 18:07

Instrument :

MSVOA\_L

ClientSampleId :

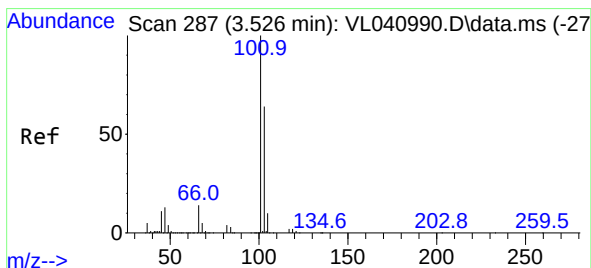
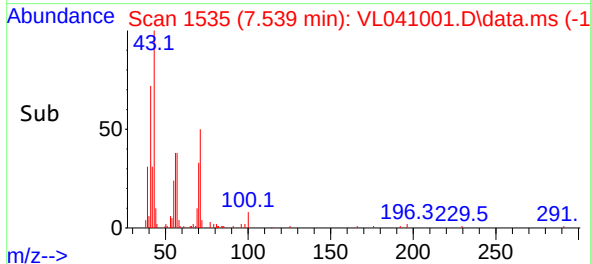
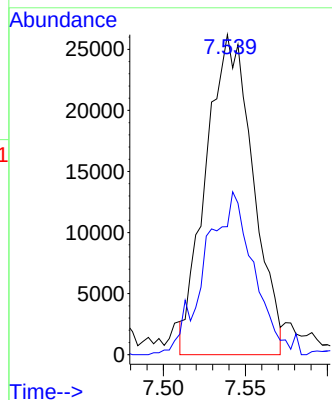
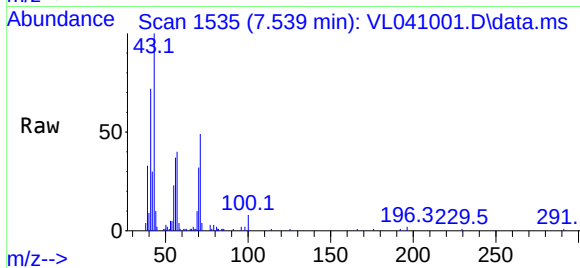
IA1DUP

Tgt Ion: 43 Resp: 52243

Ion Ratio Lower Upper

43 100

57 52.7 39.4 59.2



#11

Trichlorofluoromethane

Concen: 0.228 ppbv

RT: 3.533 min Scan# 289

Delta R.T. 0.006 min

Lab File: VL041001.D

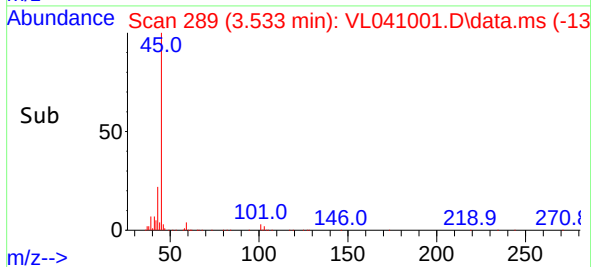
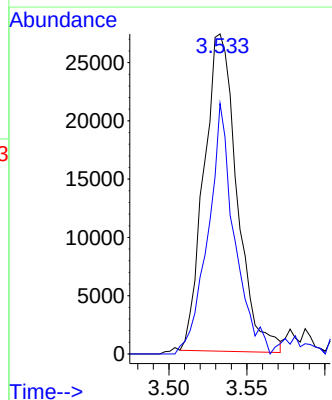
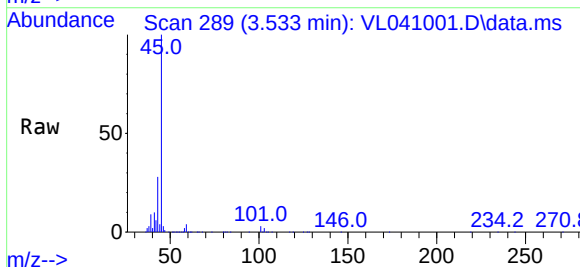
Acq: 23 Jan 2024 18:07

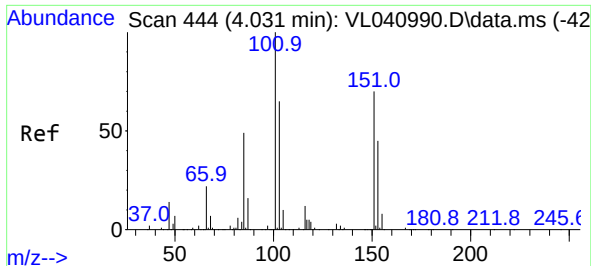
Tgt Ion:101 Resp: 40293

Ion Ratio Lower Upper

101 100

103 76.7 51.4 77.2

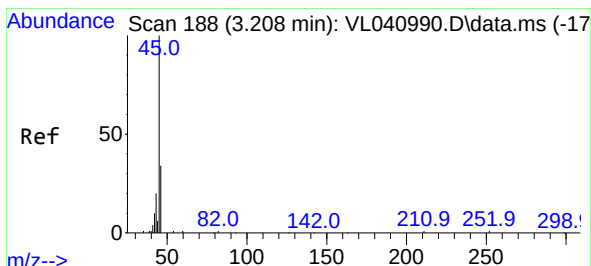
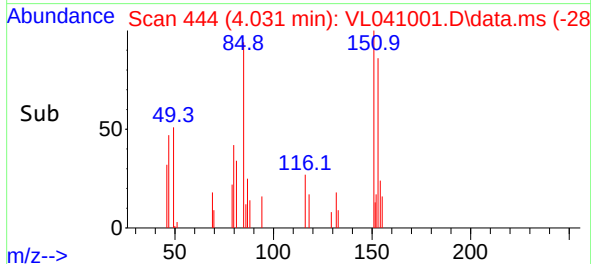
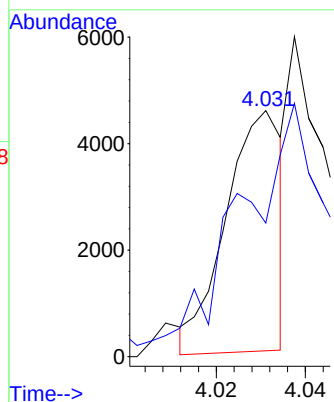
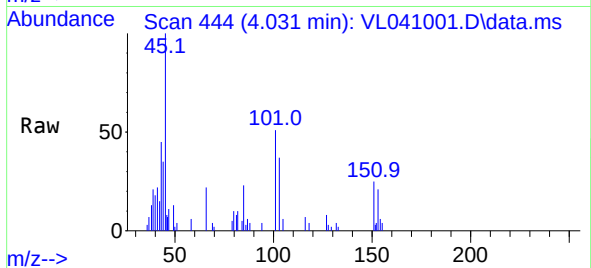




#12  
1,1,2-Trichlorotrifluoroethane  
Concen: 0.031 ppbv  
RT: 4.031 min Scan# 444  
Delta R.T. 0.000 min  
Lab File: VL041001.D  
Acq: 23 Jan 2024 18:07

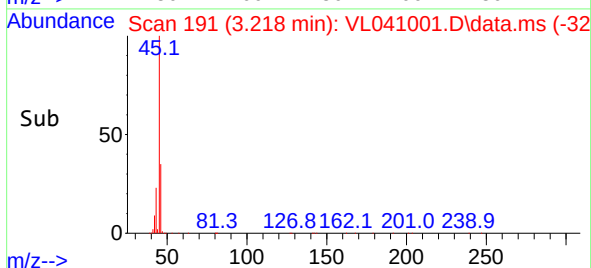
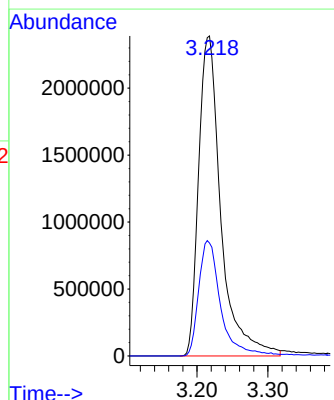
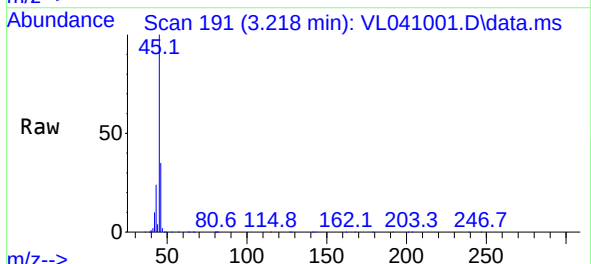
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA1DUP

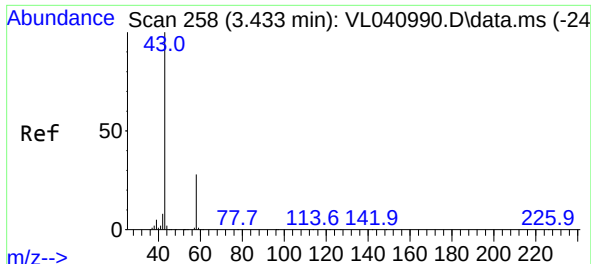
Tgt Ion:101 Resp: 3958  
Ion Ratio Lower Upper  
101 100  
151 0.0 56.6 85.0#



#13  
Ethanol  
Concen: 399.068 ppbv  
RT: 3.218 min Scan# 191  
Delta R.T. 0.010 min  
Lab File: VL041001.D  
Acq: 23 Jan 2024 18:07

Tgt Ion: 45 Resp: 5206942  
Ion Ratio Lower Upper  
45 100  
46 36.4 16.2 64.8

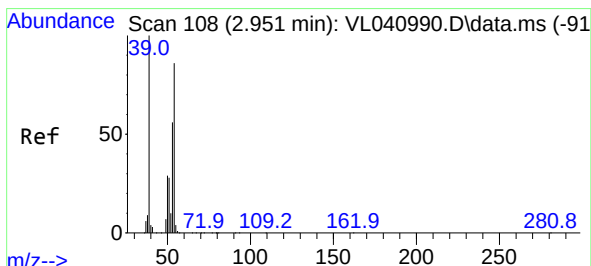
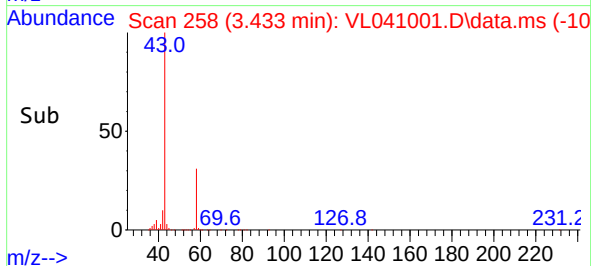
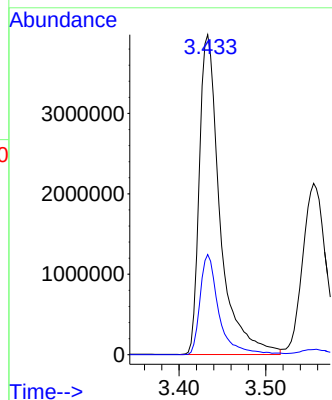
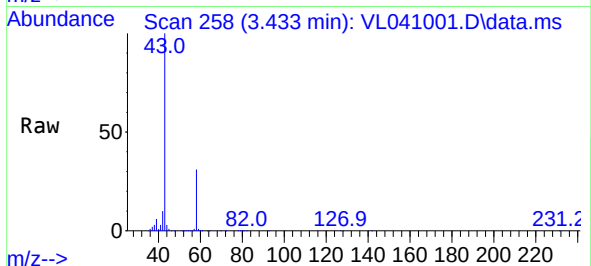




#15  
Acetone  
Concen: 51.932 ppbv  
RT: 3.433 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VL041001.D  
Acq: 23 Jan 2024 18:07

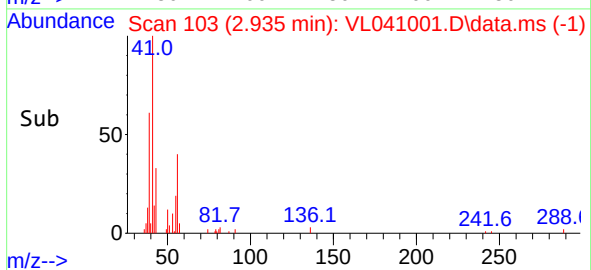
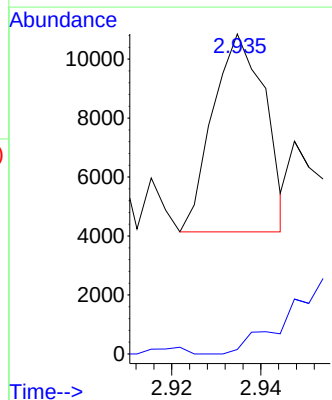
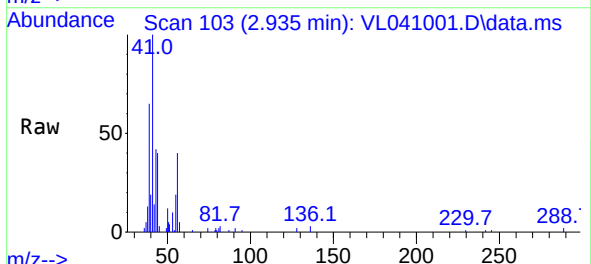
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA1DUP

Tgt Ion: 43 Resp: 6590198  
Ion Ratio Lower Upper  
43 100  
58 28.7 22.2 33.2

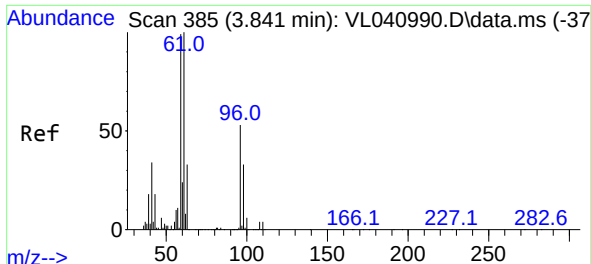


#16  
1,3-Butadiene  
Concen: 0.090 ppbv  
RT: 2.935 min Scan# 103  
Delta R.T. -0.016 min  
Lab File: VL041001.D  
Acq: 23 Jan 2024 18:07

Tgt Ion: 39 Resp: 5461  
Ion Ratio Lower Upper  
39 100  
54 0.0 62.7 94.1#



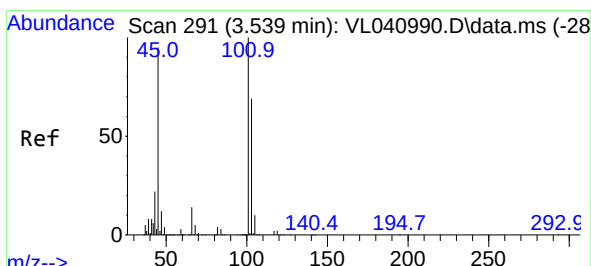
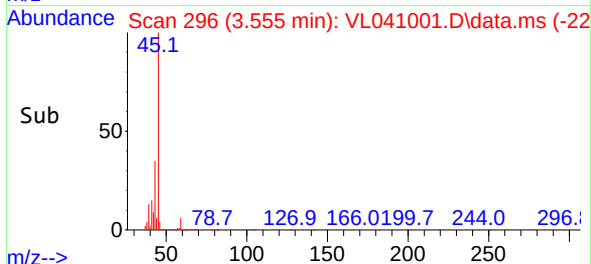
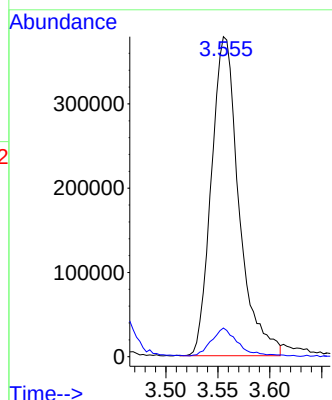
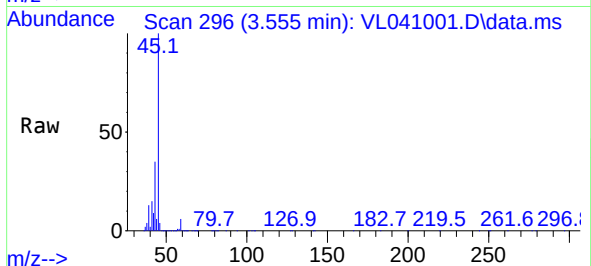




#17  
tert-Butyl alcohol  
Concen: 6.717 ppbv  
RT: 3.555 min Scan# 296  
Delta R.T. -0.286 min  
Lab File: VL041001.D  
Acq: 23 Jan 2024 18:07

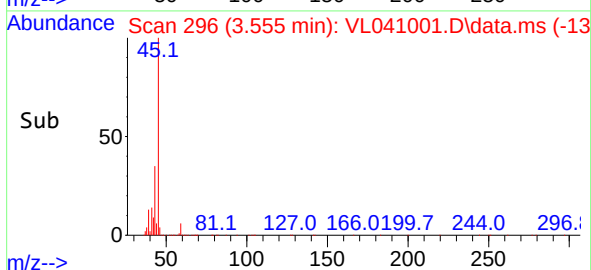
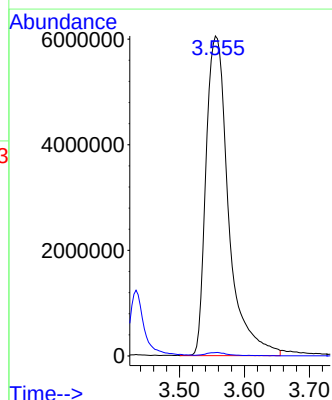
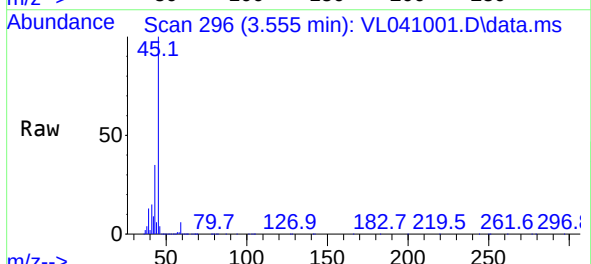
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA1DUP

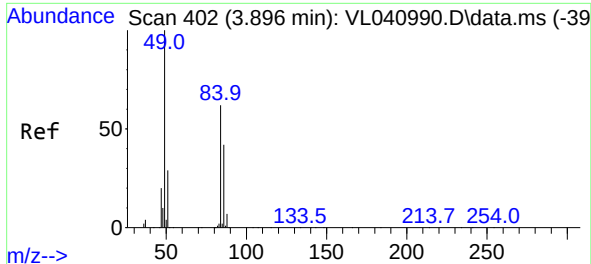
Tgt Ion: 59 Resp: 699116  
Ion Ratio Lower Upper  
59 100  
57 9.4 8.7 13.1



#19  
Isopropyl Alcohol  
Concen: 199.017 ppbv  
RT: 3.555 min Scan# 296  
Delta R.T. 0.016 min  
Lab File: VL041001.D  
Acq: 23 Jan 2024 18:07

Tgt Ion: 45 Resp: 14619318  
Ion Ratio Lower Upper  
45 100  
58 1.2 2.2 3.4#





#20

Methylene Chloride

Concen: 3.218 ppbv

RT: 3.906 min Scan# 40

Delta R.T. 0.010 min

Lab File: VL041001.D

Acq: 23 Jan 2024 18:07

Instrument :

MSVOA\_L

ClientSampleId :

IA1DUP

Tgt Ion: 84 Resp: 157163

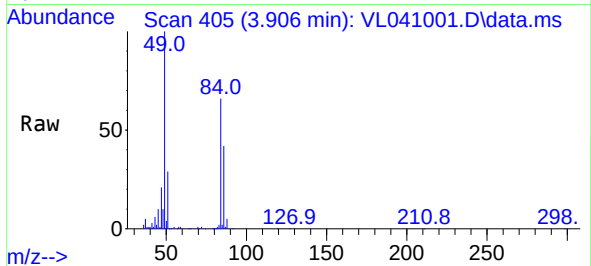
Ion Ratio Lower Upper

84 100

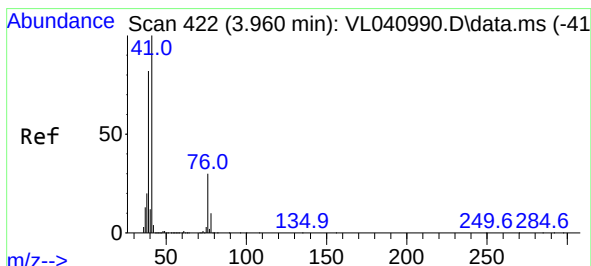
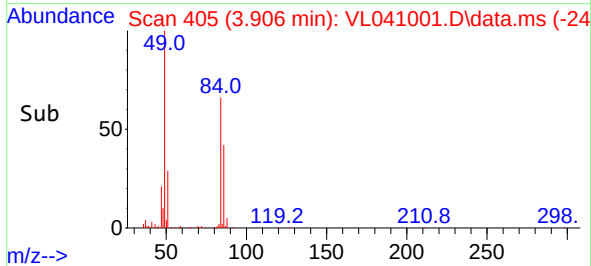
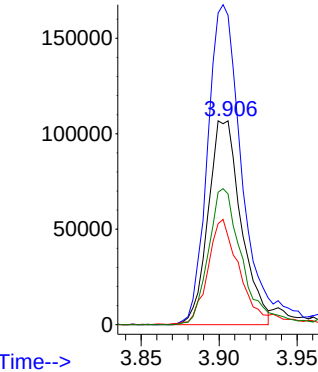
49 151.8 128.1 192.1

51 43.1 36.5 54.7

86 64.1 54.1 81.1



Abundance



#21

Allyl Chloride

Concen: 0.614 ppbv

RT: 3.703 min Scan# 342

Delta R.T. -0.257 min

Lab File: VL041001.D

Acq: 23 Jan 2024 18:07

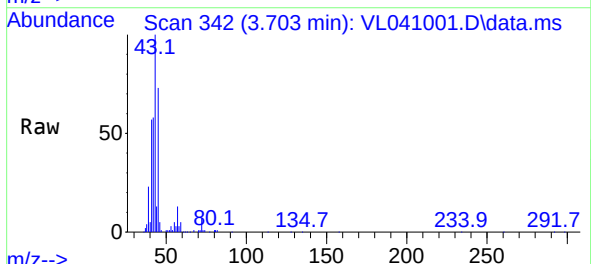
Tgt Ion: 41 Resp: 47364

Ion Ratio Lower Upper

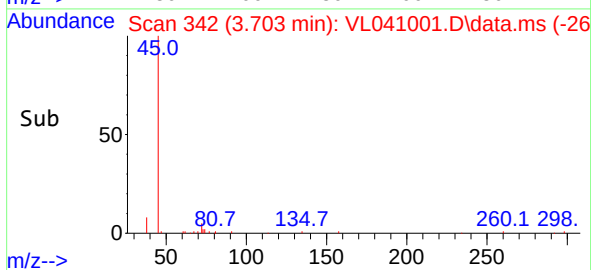
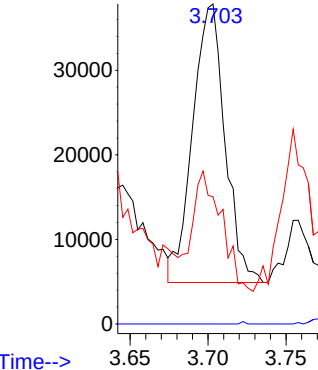
41 100

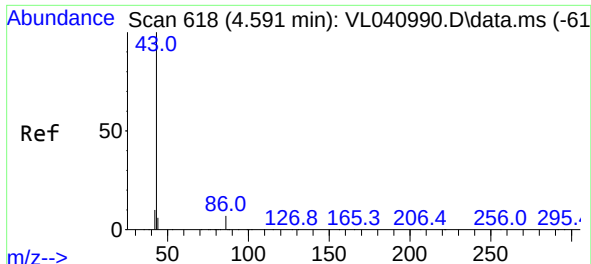
76 1.2 25.0 37.4#

39 0.0 67.0 100.6#



Abundance





#23

Vinyl Acetate

Concen: 0.209 ppbv

RT: 4.581 min Scan# 61

Delta R.T. -0.010 min

Lab File: VL041001.D

Acq: 23 Jan 2024 18:07

Instrument :

MSVOA\_L

ClientSampleId :

IA1DUP

Tgt Ion: 43 Resp: 27341

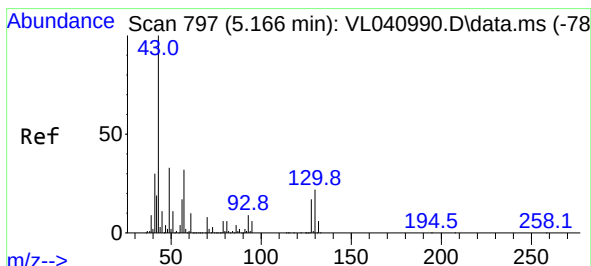
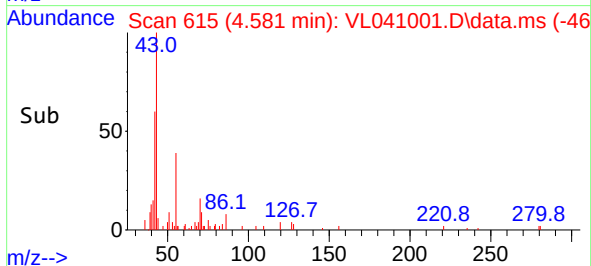
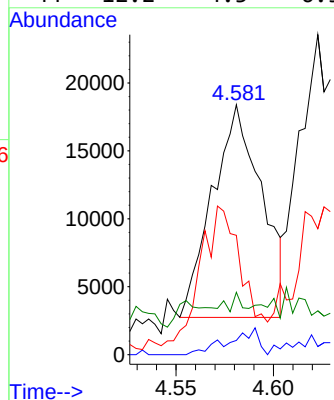
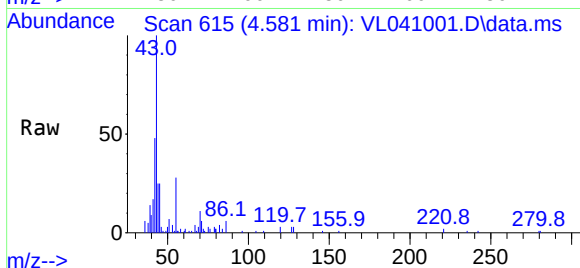
Ion Ratio Lower Upper

43 100

86 6.7 5.4 8.0

42 44.7 8.6 13.0#

44 12.2 4.3 6.5#



#25

Ethyl Acetate

Concen: 0.619 ppbv

RT: 5.179 min Scan# 801

Delta R.T. 0.013 min

Lab File: VL041001.D

Acq: 23 Jan 2024 18:07

Tgt Ion: 43 Resp: 142474

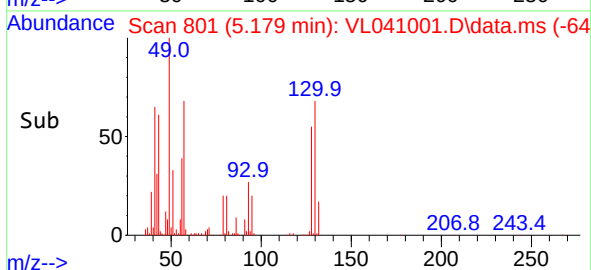
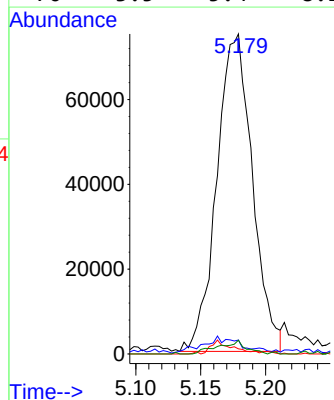
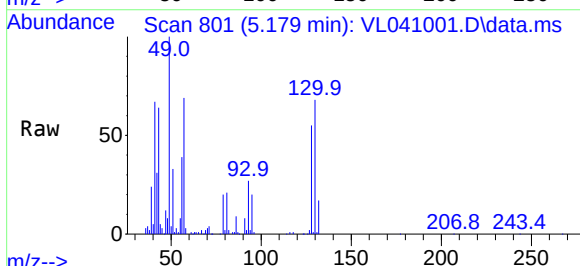
Ion Ratio Lower Upper

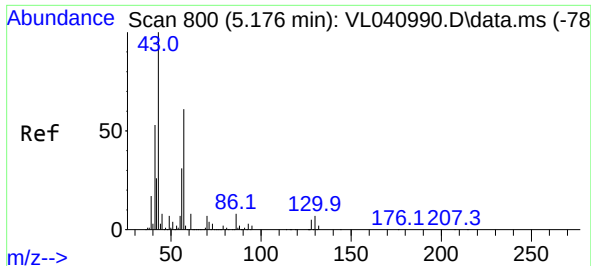
43 100

45 6.4 8.2 12.4#

61 2.9 7.9 11.9#

70 3.5 5.4 8.2#

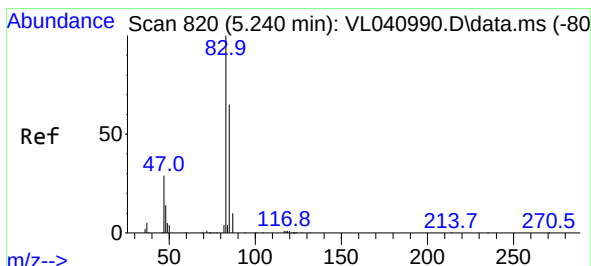
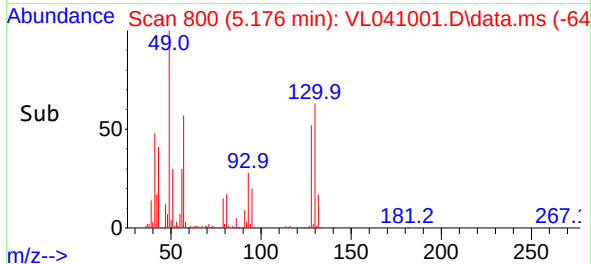
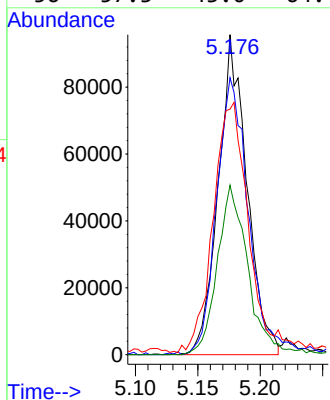
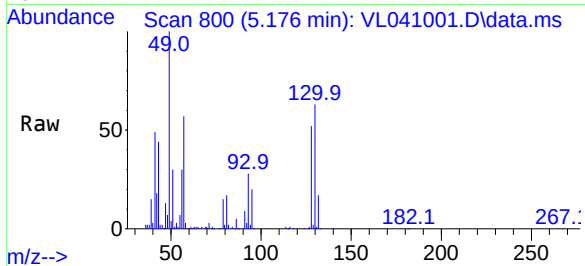




#26  
Hexane  
Concen: 1.560 ppbv  
RT: 5.176 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VL041001.D  
Acq: 23 Jan 2024 18:07

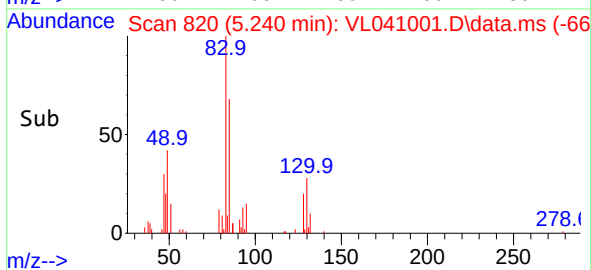
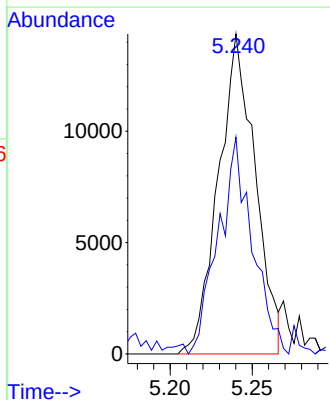
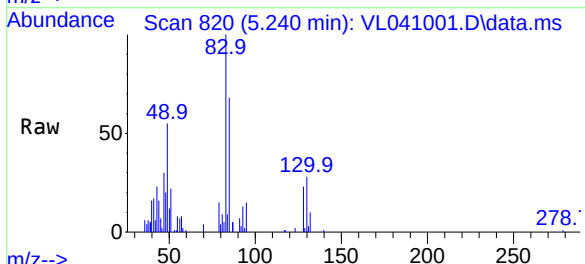
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA1DUP

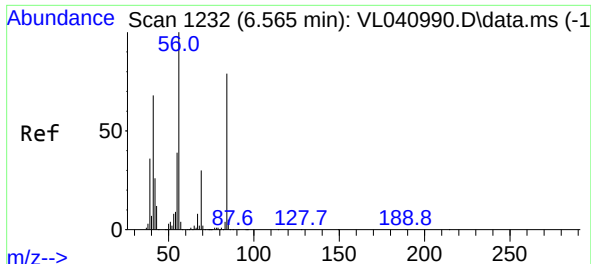
Tgt Ion: 57 Resp: 152995  
Ion Ratio Lower Upper  
57 100  
41 98.5 74.4 111.6  
43 101.3 190.6 285.8#  
56 57.3 43.0 64.4



#29  
Chloroform  
Concen: 0.128 ppbv  
RT: 5.240 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VL041001.D  
Acq: 23 Jan 2024 18:07

Tgt Ion: 83 Resp: 22335  
Ion Ratio Lower Upper  
83 100  
85 65.2 51.6 77.4

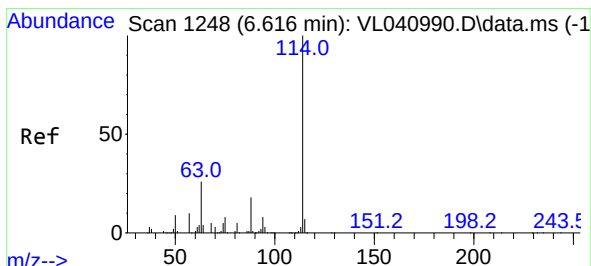
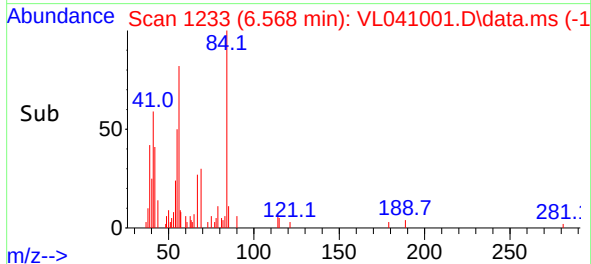
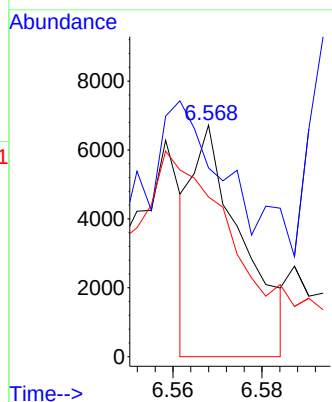
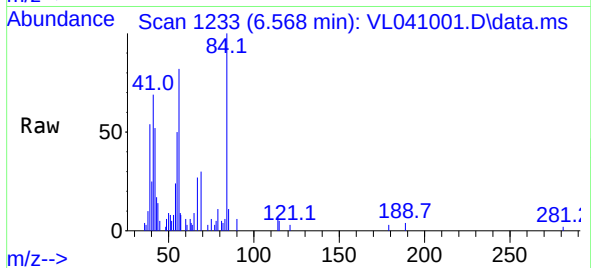




#30  
Cyclohexane  
Concen: 0.064 ppbv  
RT: 6.568 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VL041001.D  
Acq: 23 Jan 2024 18:07

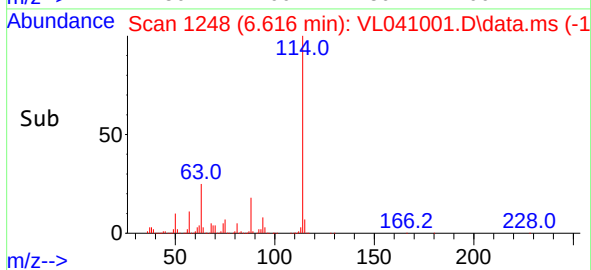
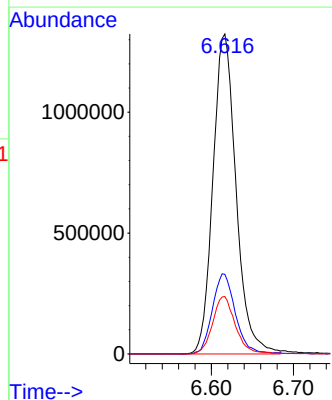
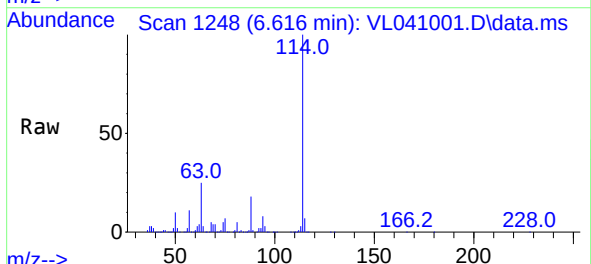
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA1DUP

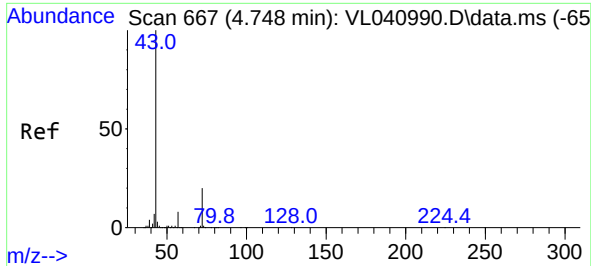
Tgt Ion: 84 Resp: 5243  
Ion Ratio Lower Upper  
84 100  
56 0.0 111.7 167.5#  
41 0.0 71.0 106.6#



#33  
1,4-Difluorobenzene  
Concen: 10.000 ppbv  
RT: 6.616 min Scan# 1248  
Delta R.T. 0.000 min  
Lab File: VL041001.D  
Acq: 23 Jan 2024 18:07

Tgt Ion: 114 Resp: 2590053  
Ion Ratio Lower Upper  
114 100  
63 25.1 20.8 31.2  
88 17.8 14.3 21.5

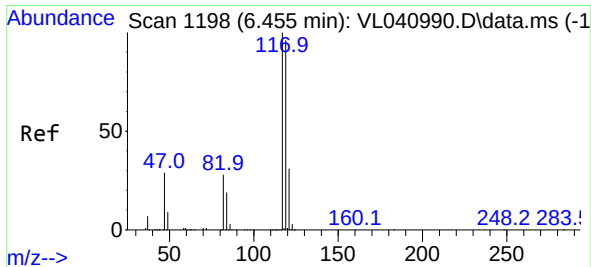
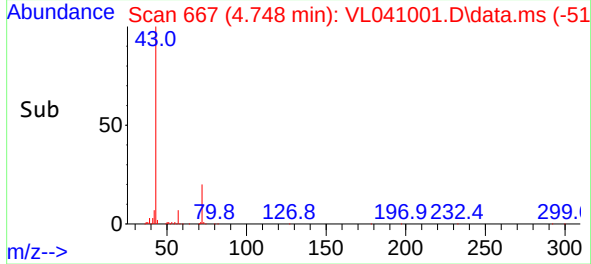
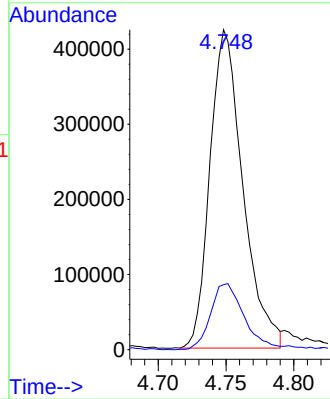
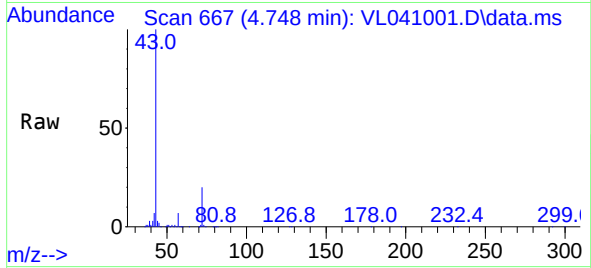




#34  
2-Butanone  
Concen: 5.803 ppbv  
RT: 4.748 min Scan# 60  
Delta R.T. 0.000 min  
Lab File: VL041001.D  
Acq: 23 Jan 2024 18:07

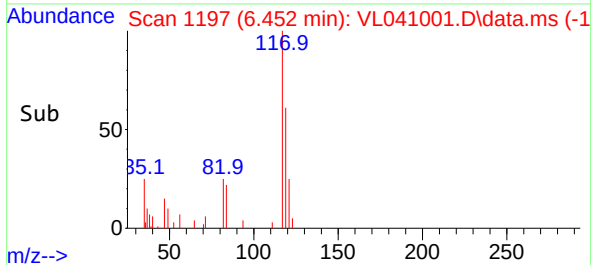
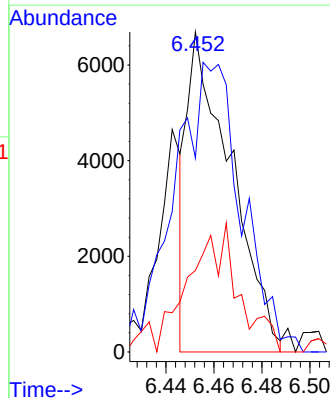
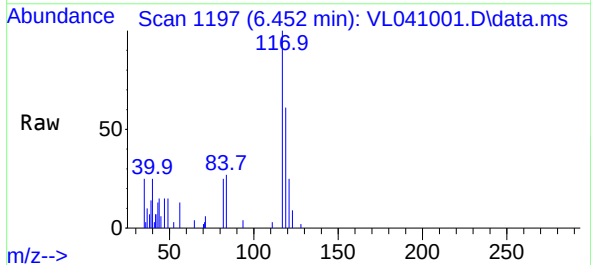
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA1DUP

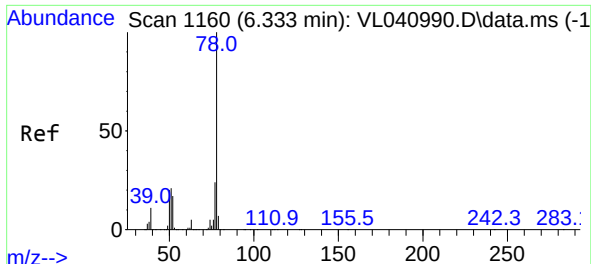
Tgt Ion: 43 Resp: 716069  
Ion Ratio Lower Upper  
43 100  
72 21.9 17.5 26.3



#35  
Carbon Tetrachloride  
Concen: 0.049 ppbv  
RT: 6.452 min Scan# 1197  
Delta R.T. -0.003 min  
Lab File: VL041001.D  
Acq: 23 Jan 2024 18:07

Tgt Ion: 117 Resp: 8426  
Ion Ratio Lower Upper  
117 100  
119 58.7 76.9 115.3#  
121 26.4 24.7 37.1

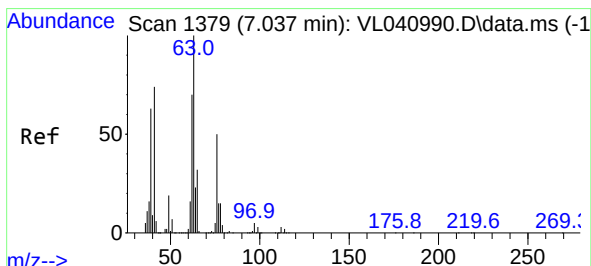
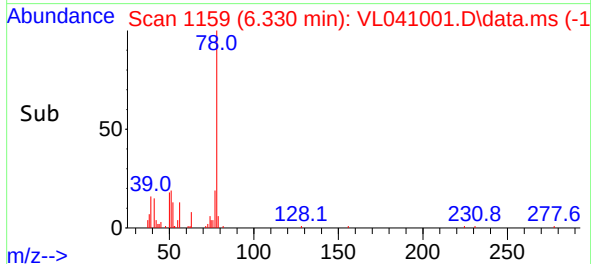
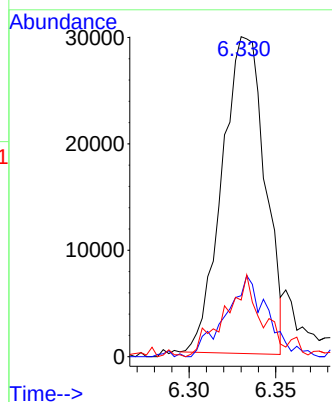
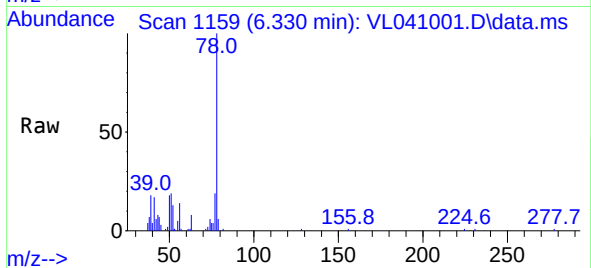




#36  
Benzene  
Concen: 0.240 ppbv  
RT: 6.330 min Scan# 1160  
Delta R.T. -0.003 min  
Lab File: VL041001.D  
Acq: 23 Jan 2024 18:07

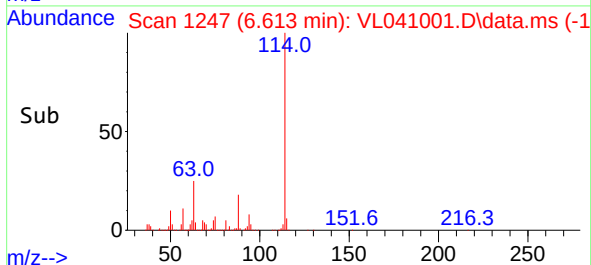
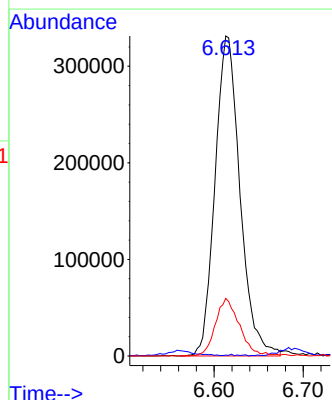
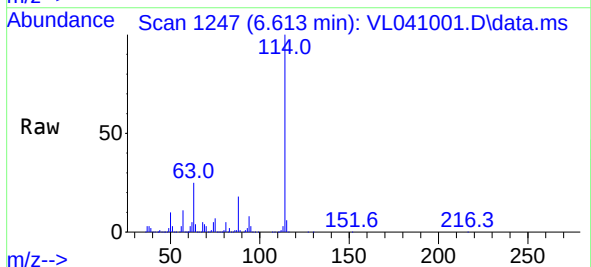
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA1DUP

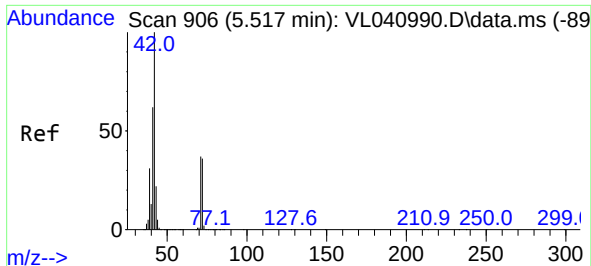
Tgt Ion: 78 Resp: 51311  
Ion Ratio Lower Upper  
78 100  
77 18.6 19.0 28.4#  
50 17.6 15.8 23.6



#39  
1,2-Dichloropropane  
Concen: 7.657 ppbv  
RT: 6.613 min Scan# 1247  
Delta R.T. -0.424 min  
Lab File: VL041001.D  
Acq: 23 Jan 2024 18:07

Tgt Ion: 63 Resp: 645205  
Ion Ratio Lower Upper  
63 100  
41 0.0 59.6 89.4#  
62 17.9 55.6 83.4#

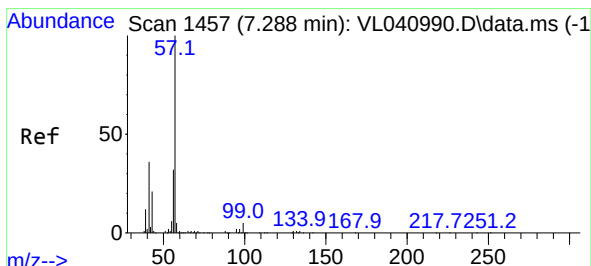
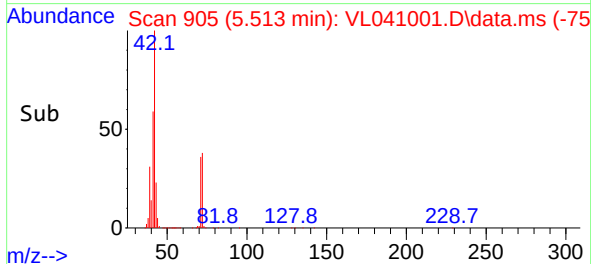
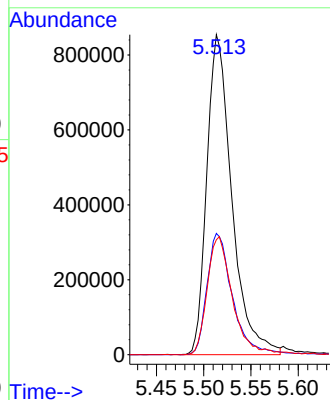
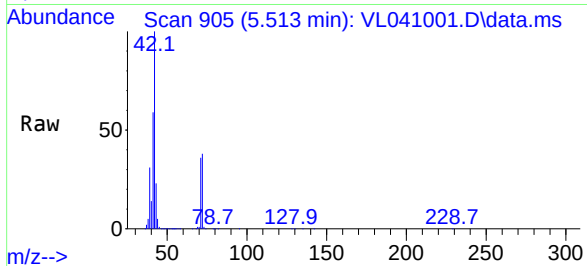




#41  
Tetrahydrofuran  
Concen: 18.757 ppbv  
RT: 5.513 min Scan# 906  
Delta R.T. -0.003 min  
Lab File: VL041001.D  
Acq: 23 Jan 2024 18:07

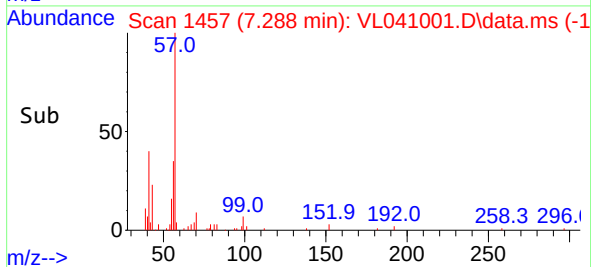
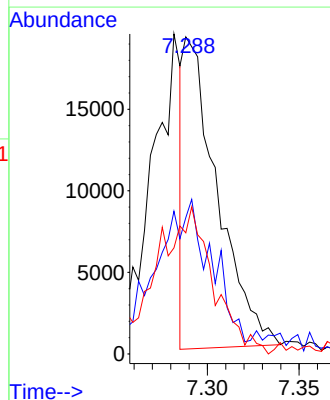
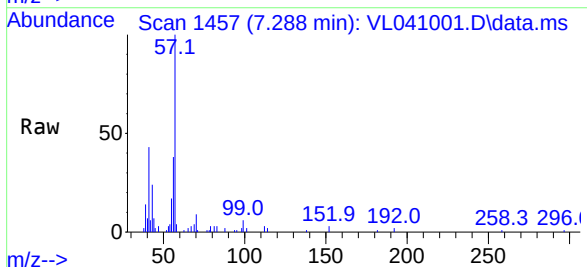
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA1DUP

Tgt Ion: 42 Resp: 1571537  
Ion Ratio Lower Upper  
42 100  
72 39.0 30.0 45.0  
71 37.7 29.5 44.3

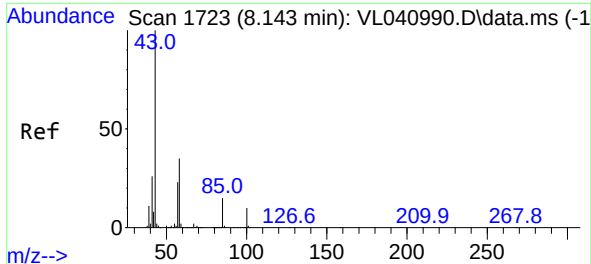


#44  
2,2,4-Trimethylpentane  
Concen: 0.067 ppbv  
RT: 7.288 min Scan# 1457  
Delta R.T. 0.000 min  
Lab File: VL041001.D  
Acq: 23 Jan 2024 18:07

Tgt Ion: 57 Resp: 24270  
Ion Ratio Lower Upper  
57 100  
41 87.5 28.6 43.0#  
56 81.2 25.2 37.8#



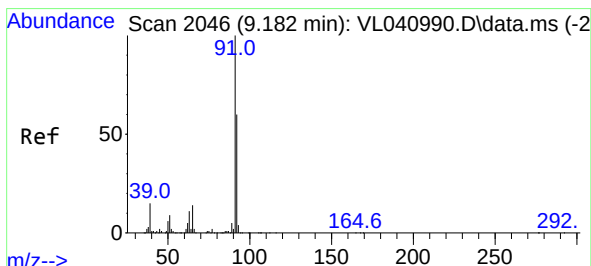
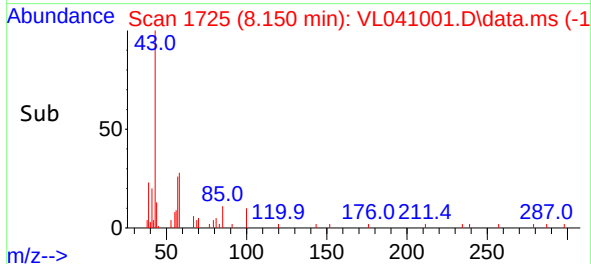
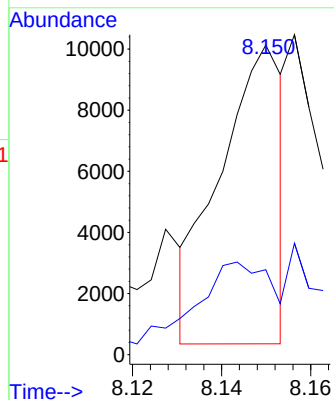
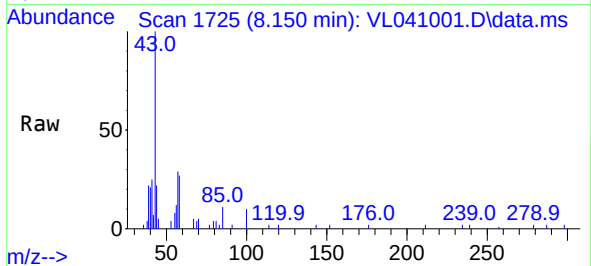




#50  
4-Methyl-2-Pentanone  
Concen: 0.044 ppbv  
RT: 8.150 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VL041001.D  
Acq: 23 Jan 2024 18:07

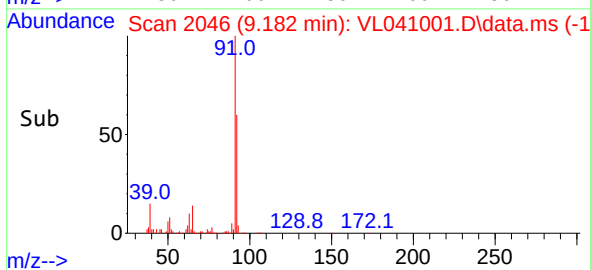
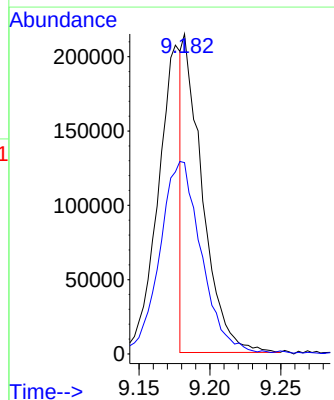
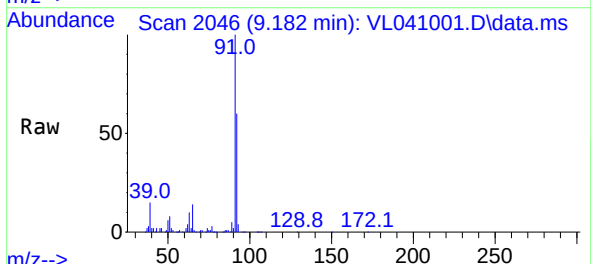
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA1DUP

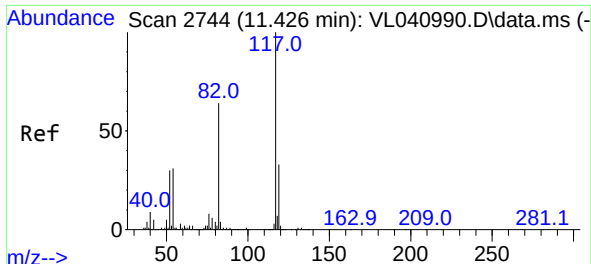
Tgt Ion: 43 Resp: 9490  
Ion Ratio Lower Upper  
43 100  
58 0.0 27.8 41.8#



#53  
Toluene  
Concen: 0.890 ppbv  
RT: 9.182 min Scan# 2046  
Delta R.T. 0.000 min  
Lab File: VL041001.D  
Acq: 23 Jan 2024 18:07

Tgt Ion: 91 Resp: 208463  
Ion Ratio Lower Upper  
91 100  
92 129.1 48.6 72.8#

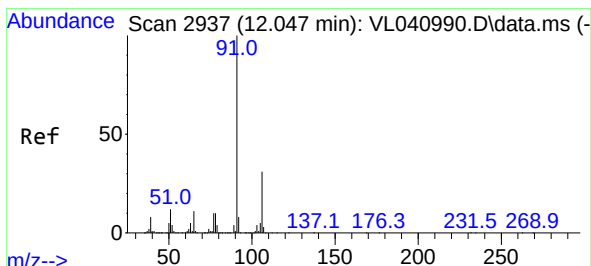
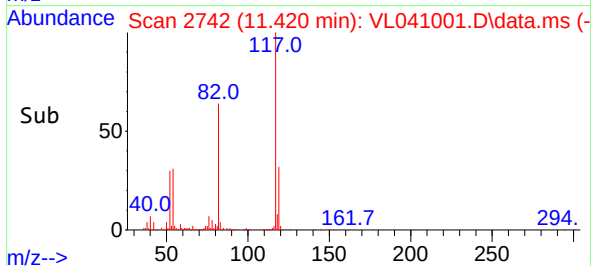
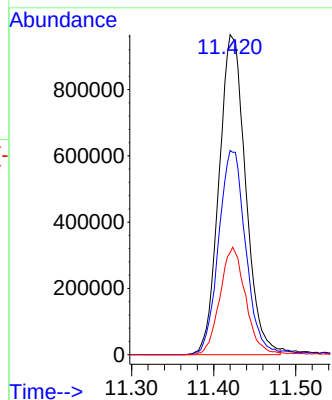
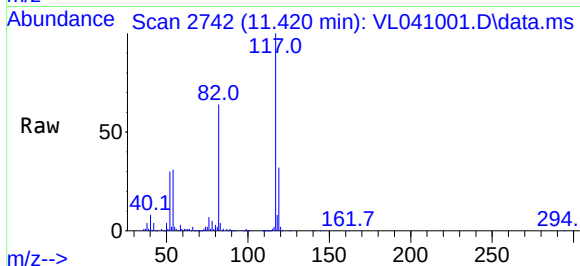




#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 11.420 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VL041001.D  
Acq: 23 Jan 2024 18:07

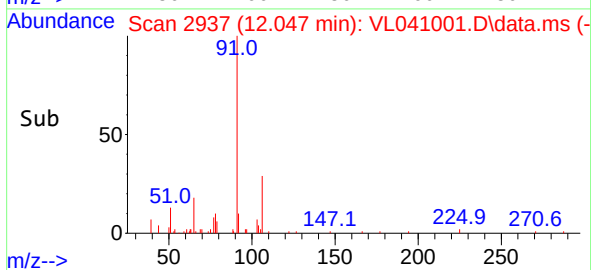
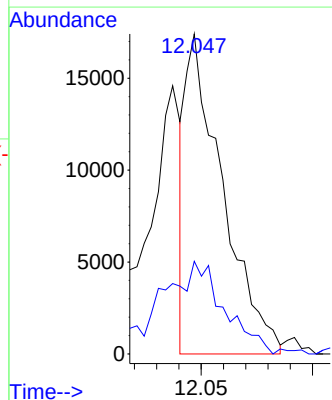
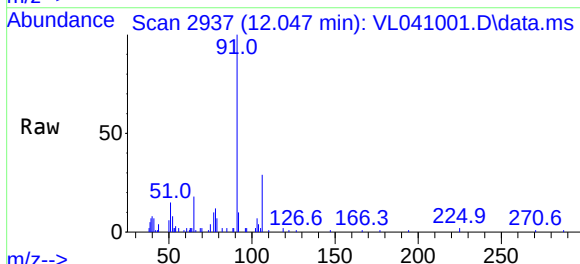
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA1DUP

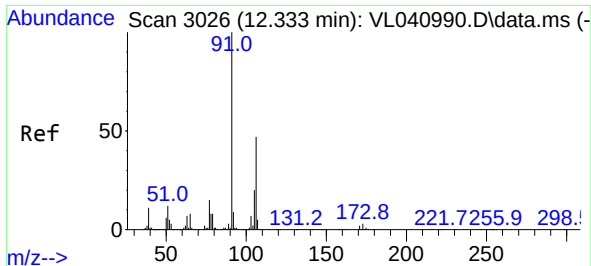
Tgt Ion:117 Resp: 2178547  
Ion Ratio Lower Upper  
117 100  
82 66.5 51.7 77.5  
119 32.8 23.8 35.6



#58  
Ethyl Benzene  
Concen: 0.069 ppbv  
RT: 12.047 min Scan# 2937  
Delta R.T. 0.000 min  
Lab File: VL041001.D  
Acq: 23 Jan 2024 18:07

Tgt Ion: 91 Resp: 20080  
Ion Ratio Lower Upper  
91 100  
106 28.2 24.8 37.2





#59

m/p-Xylene

Concen: 0.088 ppbv

RT: 12.330 min Scan# 3026

Delta R.T. -0.003 min

Lab File: VL041001.D

Acq: 23 Jan 2024 18:07

Instrument :

MSVOA\_L

ClientSampleId :

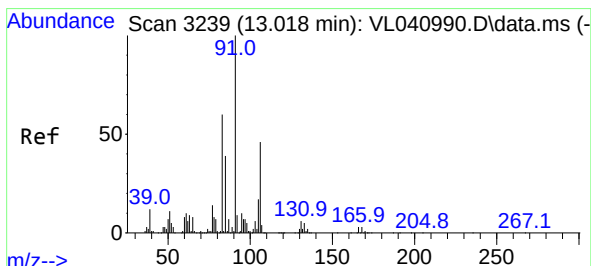
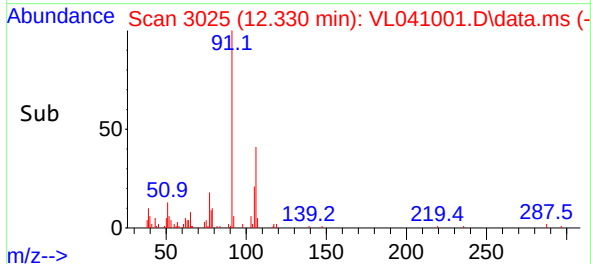
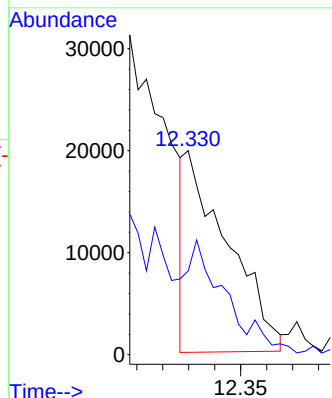
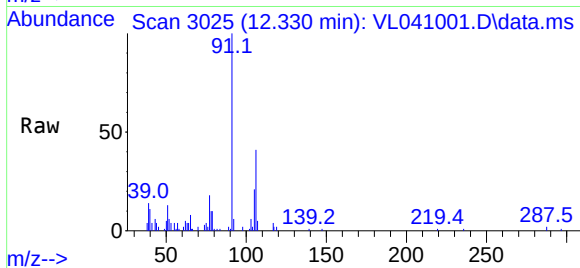
IA1DUP

Tgt Ion: 91 Resp: 22554

Ion Ratio Lower Upper

91 100

106 0.0 34.9 52.3#



#60

o-Xylene

Concen: 0.068 ppbv

RT: 13.008 min Scan# 3236

Delta R.T. -0.010 min

Lab File: VL041001.D

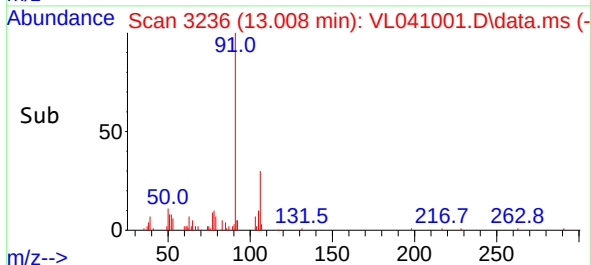
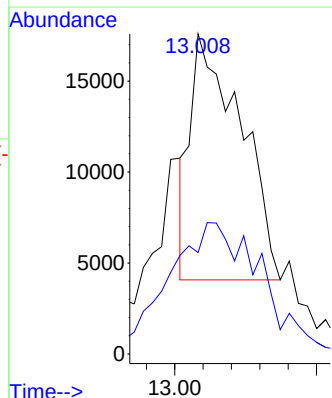
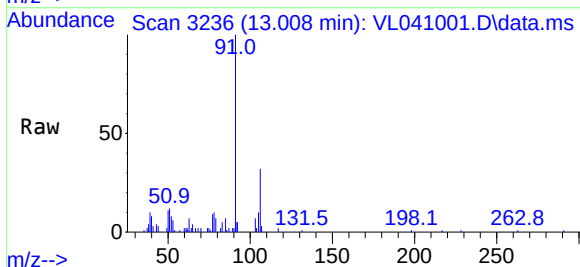
Acq: 23 Jan 2024 18:07

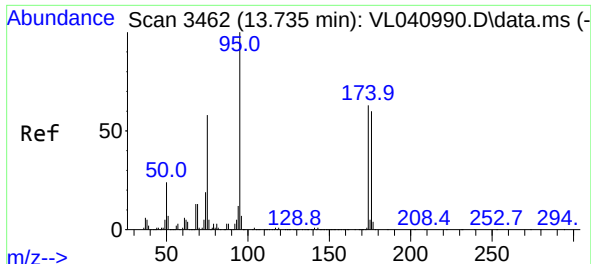
Tgt Ion: 91 Resp: 16589

Ion Ratio Lower Upper

91 100

106 103.0 22.6 67.7#

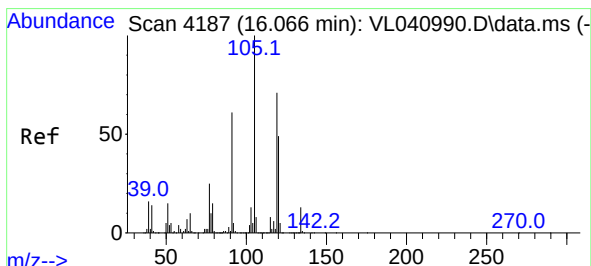
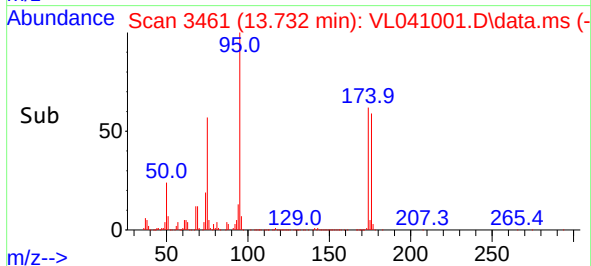
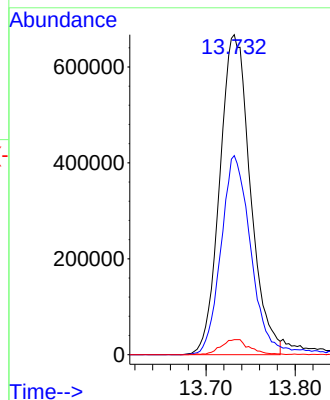
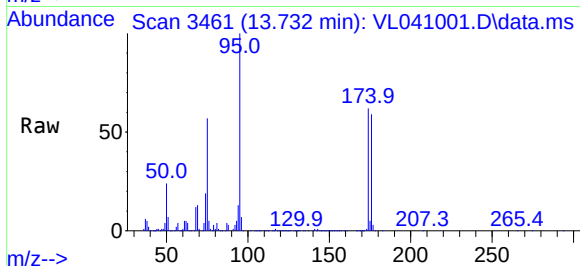




#68  
1-Bromo-4-Fluorobenzene  
Concen: 9.659 ppbv  
RT: 13.732 min Scan# 3461  
Delta R.T. -0.003 min  
Lab File: VL041001.D  
Acq: 23 Jan 2024 18:07

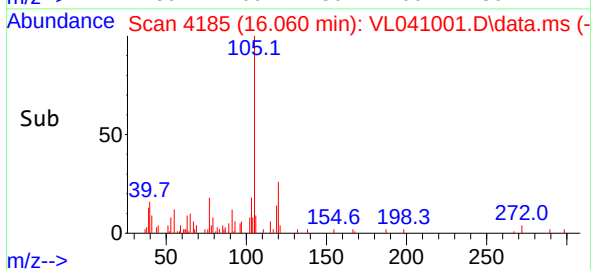
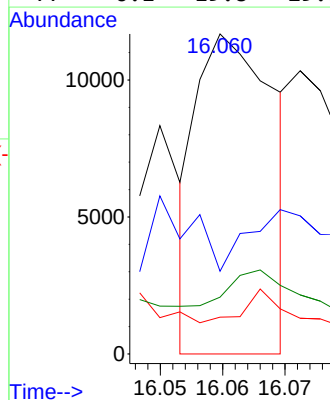
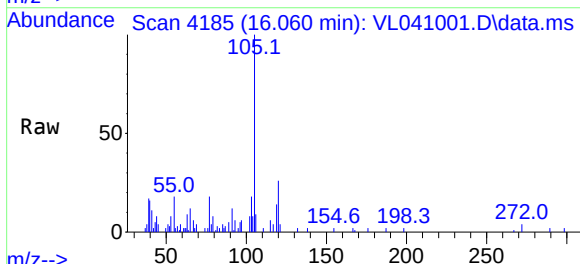
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA1DUP

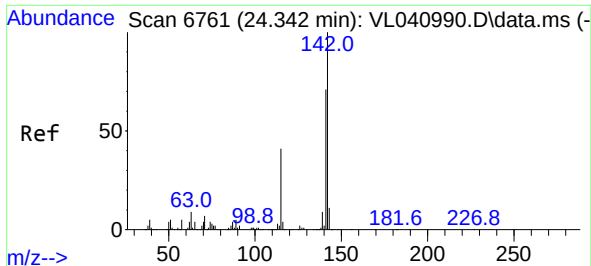
Tgt Ion: 95 Resp: 1589402  
Ion Ratio Lower Upper  
95 100  
174 63.0 49.1 73.7  
175 4.6 3.7 5.5



#74  
1,2,4-Trimethylbenzene  
Concen: 0.037 ppbv  
RT: 16.060 min Scan# 4185  
Delta R.T. -0.006 min  
Lab File: VL041001.D  
Acq: 23 Jan 2024 18:07

Tgt Ion: 105 Resp: 10066  
Ion Ratio Lower Upper  
105 100  
120 0.0 39.3 58.9#  
91 0.0 48.7 73.1#  
77 6.1 19.8 29.8#





#80  
Naphthalene, 2-methyl-  
Concen: 0.081 ppbv  
RT: 24.374 min Scan# 61  
Delta R.T. 0.032 min  
Lab File: VL041001.D  
Acq: 23 Jan 2024 18:07

Instrument :  
MSVOA\_L  
ClientSampleId :  
IA1DUP

Tgt Ion:142 Resp: 2240  
Ion Ratio Lower Upper  
142 100  
141 23.9 62.7 94.1#  
115 23.0 34.0 51.0#

