

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL041125\  
 Data File : VL042318.D  
 Acq On : 11 Apr 2025 13:52  
 Operator : SY/MD  
 Sample : Q1665-03DUP  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 IA-B10-2-3242025DUP

Quant Time: Apr 11 22:59:57 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL032725AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
 QLast Update : Fri Mar 28 02:00:52 2025  
 Response via : Initial Calibration

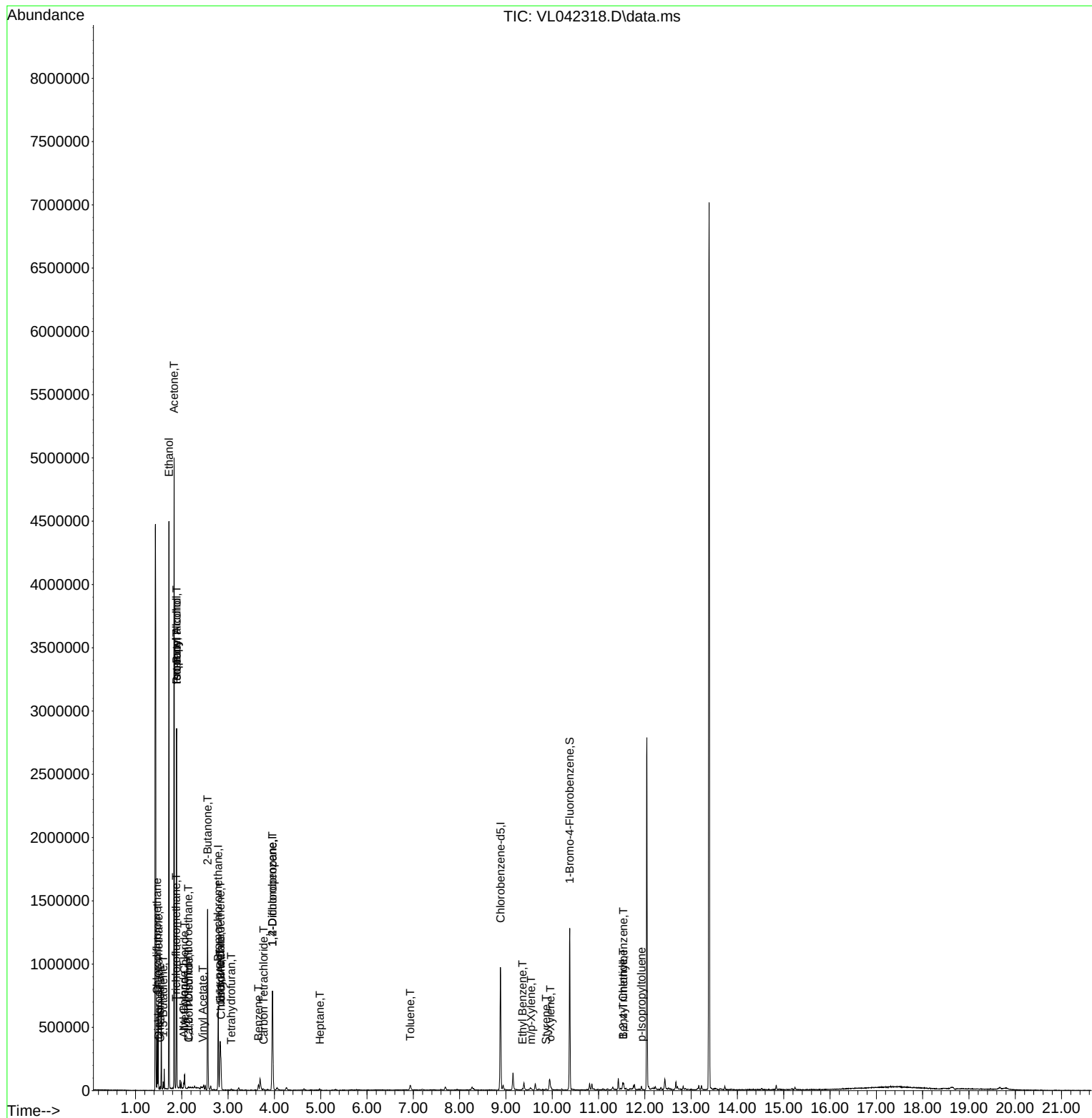
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) Bromochloromethane         | 2.787  | 49    | 183054   | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene       | 3.958  | 114   | 442590   | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5          | 8.881  | 117   | 380933   | 10.000   | ppbv   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene   | 10.377 | 95    | 304733   | 9.741    | ppbv   | 0.00     |
| Spiked Amount                 | 10.000 | Range | 65 - 135 | Recovery | =      | 97.400%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.499  | 85    | 11308    | 0.418    | ppbv   | 97       |
| 3) Chlorodifluoromethane      | 1.466  | 51    | 98497    | 3.567    | ppbv # | 62       |
| 4) Chloromethane              | 1.531  | 50    | 6464     | 0.585    | ppbv # | 84       |
| 9) Propene                    | 1.887  | 41    | 122482   | 9.678    | ppbv   | 88       |
| 10) Heptane                   | 4.981  | 43    | 4536     | 0.135    | ppbv # | 71       |
| 11) Trichlorofluoromethane    | 1.877  | 101   | 5756     | 0.219    | ppbv   | 90       |
| 12) 1,1,2-Trichlorotrifluo... | 2.140  | 101   | 1475     | 0.068    | ppbv   | 88       |
| 13) Ethanol                   | 1.722  | 45    | 1578950  | 1319.793 | ppbv   | 94       |
| 15) Acetone                   | 1.832  | 43    | 2101760  | 82.096   | ppbv # | 77       |
| 16) 1,3-Butadiene             | 1.599  | 39    | 7285     | 0.583    | ppbv # | 34       |
| 17) tert-Butyl alcohol        | 1.887  | 59    | 49370    | 1.548    | ppbv   | 95       |
| 19) Isopropyl Alcohol         | 1.887  | 45    | 1201240  | 83.161   | ppbv # | 60       |
| 20) Methylene Chloride        | 2.059  | 84    | 15544    | 1.630    | ppbv   | 90       |
| 21) Allyl Chloride            | 2.042  | 41    | 5085     | 0.282    | ppbv # | 22       |
| 23) Vinyl Acetate             | 2.453  | 43    | 8887     | 0.802    | ppbv # | 79       |
| 25) Ethyl Acetate             | 2.835  | 43    | 171845   | 2.586    | ppbv   | 98       |
| 26) Hexane                    | 2.826  | 57    | 69684    | 2.715    | ppbv   | 93       |
| 27) Carbon Disulfide          | 2.149  | 76    | 1389     | 0.050    | ppbv # | 39       |
| 29) Chloroform                | 2.848  | 83    | 51580    | 1.373    | ppbv   | 99       |
| 31) cis-1,2-Dichloroethene    | 2.839  | 61    | 15128    | 0.581    | ppbv # | 25       |
| 34) 2-Butanone                | 2.557  | 43    | 853001   | 26.579   | ppbv   | 99       |
| 35) Carbon Tetrachloride      | 3.768  | 117   | 2172     | 0.063    | ppbv # | 55       |
| 36) Benzene                   | 3.654  | 78    | 26349    | 0.601    | ppbv   | 94       |
| 39) 1,2-Dichloropropane       | 3.958  | 63    | 115306   | 7.216    | ppbv # | 23       |
| 41) Tetrahydrofuran           | 3.065  | 42    | 2536     | 0.137    | ppbv # | 58       |
| 53) Toluene                   | 6.936  | 91    | 13995    | 0.269    | ppbv # | 33       |
| 58) Ethyl Benzene             | 9.357  | 91    | 3973     | 0.059    | ppbv   | 91       |
| 59) m/p-Xylene                | 9.545  | 91    | 3275     | 0.061    | ppbv # | 31       |
| 60) o-Xylene                  | 9.962  | 91    | 4830     | 0.089    | ppbv   | 76       |
| 61) Styrene                   | 9.869  | 104   | 2313     | 0.086    | ppbv # | 90       |
| 66) Benzyl Chloride           | 11.532 | 91    | 1364     | 0.172    | ppbv # | 69       |
| 69) p-Isopropyltoluene        | 11.927 | 119   | 8784     | 0.098    | ppbv # | 65       |
| 74) 1,2,4-Trimethylbenzene    | 11.535 | 105   | 8971     | 0.132    | ppbv # | 75       |
| -----                         |        |       |          |          |        |          |

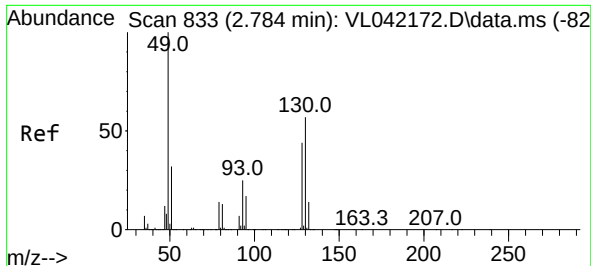
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL041125\  
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Sample : Q1665-03DUP  
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ALS Vial : 1 Sample Multiplier: 1

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IA-B10-2-3242025DUP

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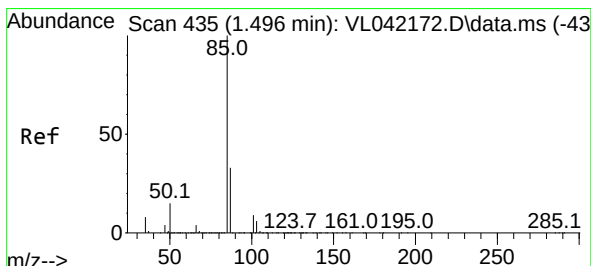
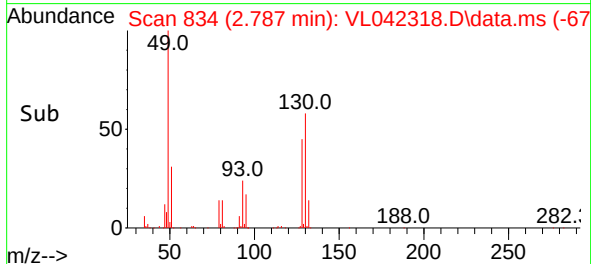
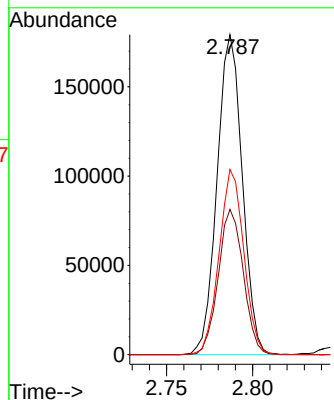
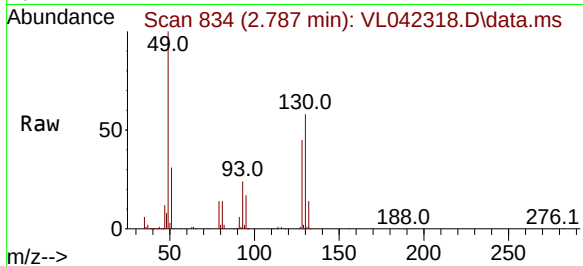




#1  
 Bromochloromethane  
 Concen: 10.000 ppbv  
 RT: 2.787 min Scan# 81  
 Delta R.T. 0.003 min  
 Lab File: VL042318.D  
 Acq: 11 Apr 2025 13:52

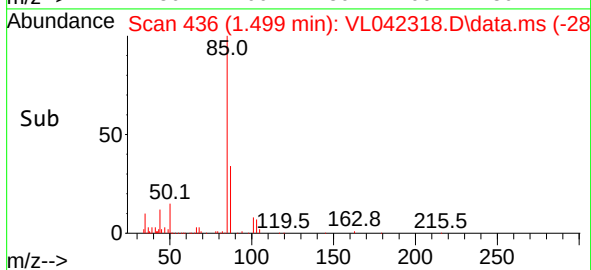
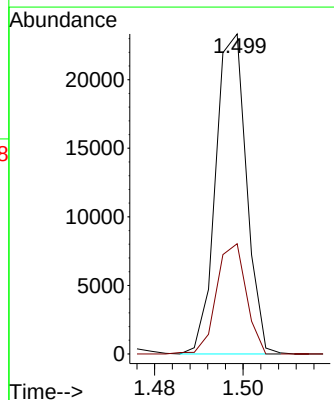
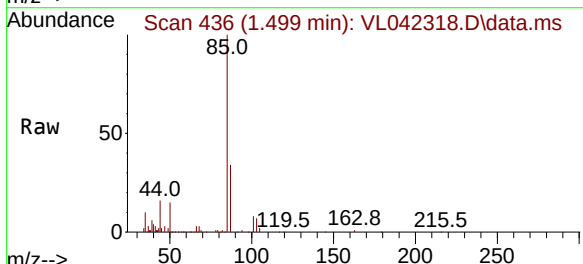
Instrument :  
 MSVOA\_L  
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 IA-B10-2-3242025DUP

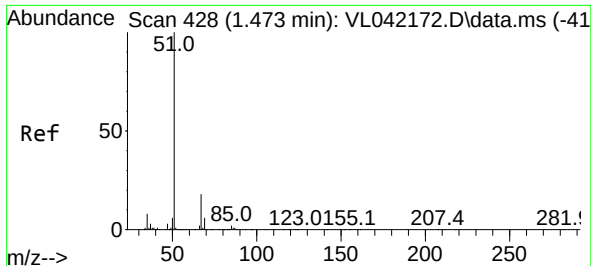
Tgt Ion: 49 Resp: 183054  
 Ion Ratio Lower Upper  
 49 100  
 128 45.1 22.9 68.5  
 130 56.7 28.8 86.4



#2  
 Dichlorodifluoromethane  
 Concen: 0.418 ppbv  
 RT: 1.499 min Scan# 436  
 Delta R.T. 0.003 min  
 Lab File: VL042318.D  
 Acq: 11 Apr 2025 13:52

Tgt Ion: 85 Resp: 11308  
 Ion Ratio Lower Upper  
 85 100  
 87 34.5 26.1 39.1

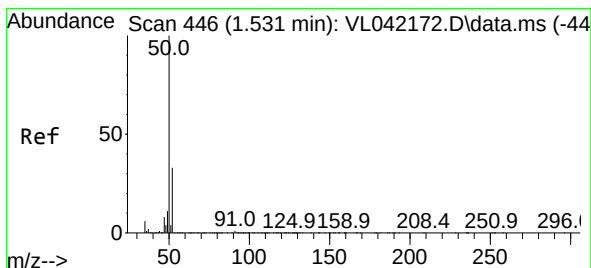
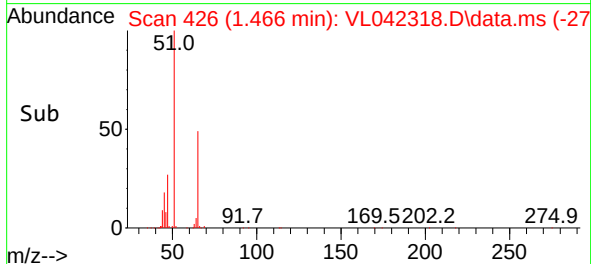
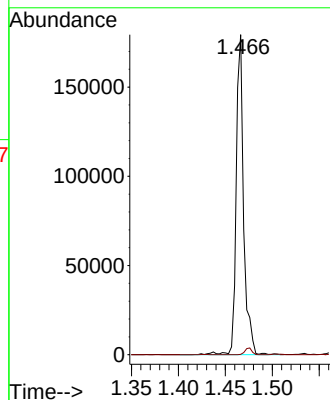
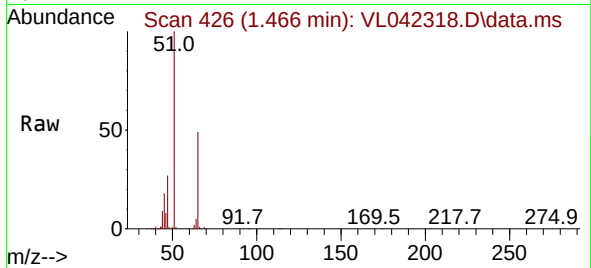




#3  
Chlorodifluoromethane  
Concen: 3.567 ppbv  
RT: 1.466 min Scan# 41  
Delta R.T. -0.007 min  
Lab File: VL042318.D  
Acq: 11 Apr 2025 13:52

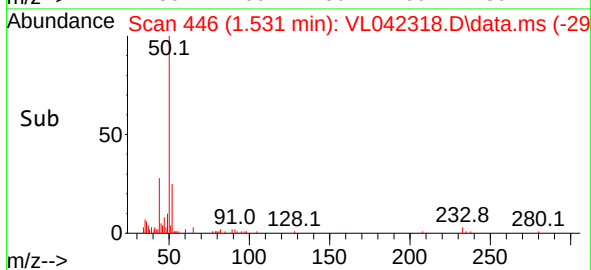
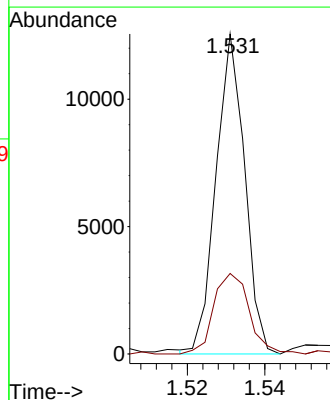
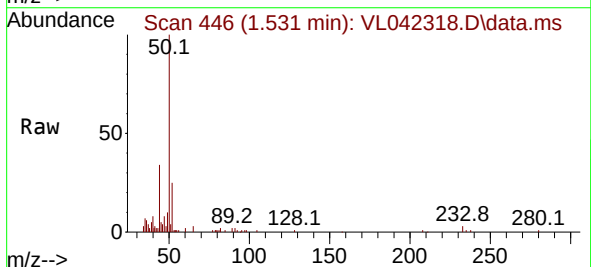
Instrument :  
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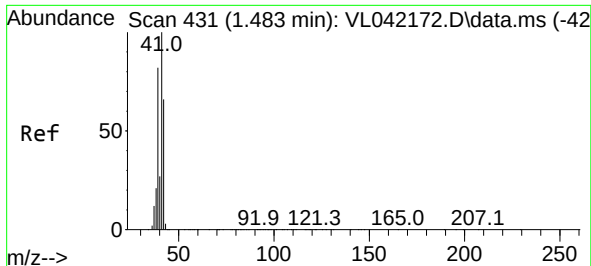
Tgt Ion: 51 Resp: 98497  
Ion Ratio Lower Upper  
51 100  
67 1.9 15.0 22.6#



#4  
Chloromethane  
Concen: 0.585 ppbv  
RT: 1.531 min Scan# 446  
Delta R.T. -0.000 min  
Lab File: VL042318.D  
Acq: 11 Apr 2025 13:52

Tgt Ion: 50 Resp: 6464  
Ion Ratio Lower Upper  
50 100  
52 23.7 26.1 39.1#





#9

Propene

Concen: 9.678 ppbv

RT: 1.887 min Scan# 51

Delta R.T. 0.404 min

Lab File: VL042318.D

Acq: 11 Apr 2025 13:52

Instrument :

MSVOA\_L

ClientSampleId :

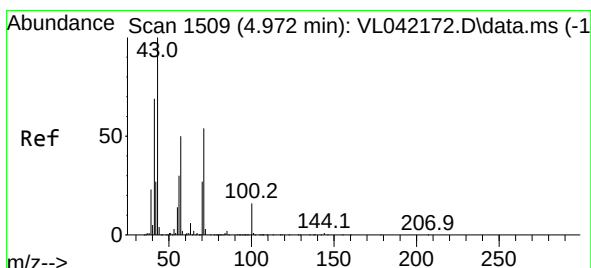
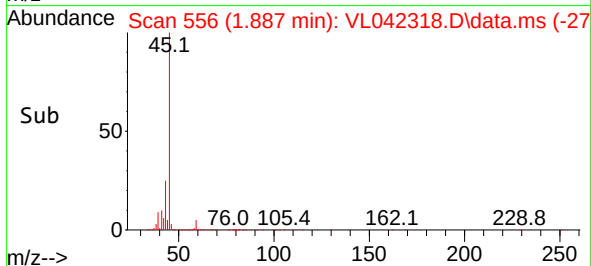
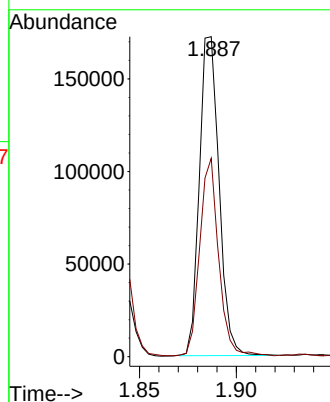
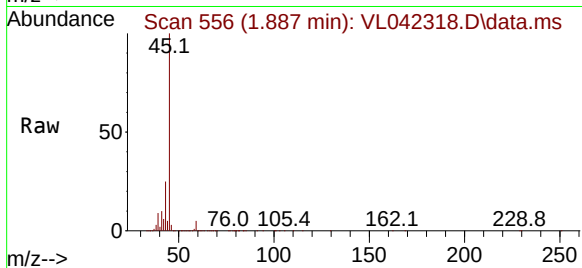
IA-B10-2-3242025DUP

Tgt Ion: 41 Resp: 122482

Ion Ratio Lower Upper

41 100

42 59.2 55.4 83.2



#10

Heptane

Concen: 0.135 ppbv

RT: 4.981 min Scan# 1512

Delta R.T. 0.009 min

Lab File: VL042318.D

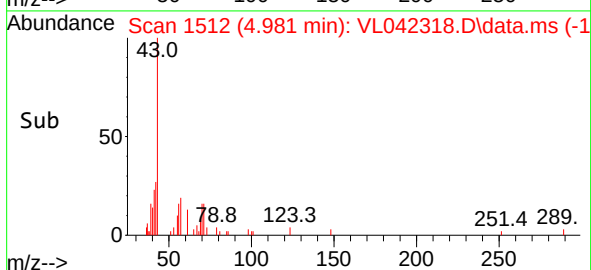
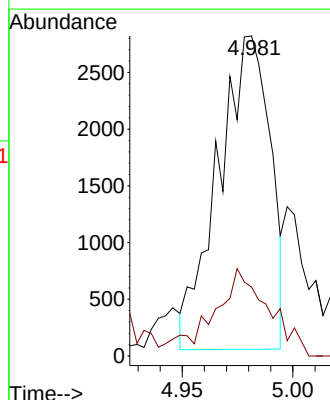
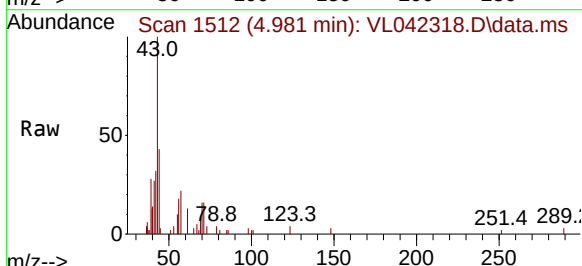
Acq: 11 Apr 2025 13:52

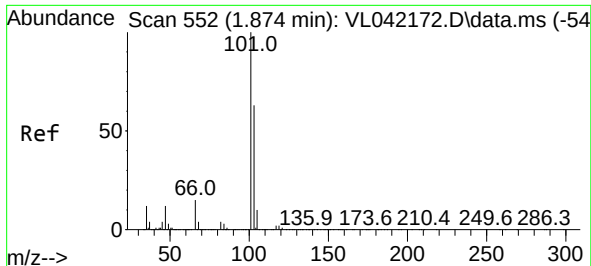
Tgt Ion: 43 Resp: 4536

Ion Ratio Lower Upper

43 100

57 29.3 39.4 59.2#

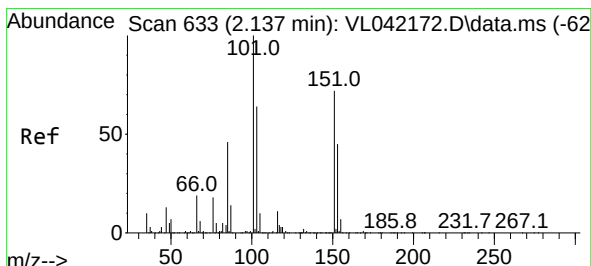
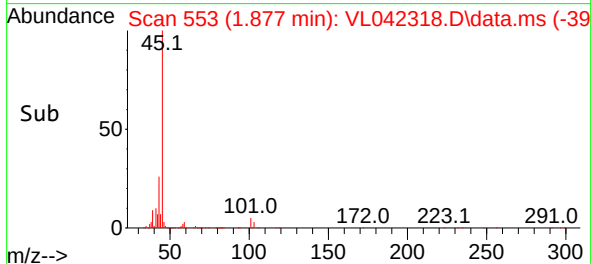
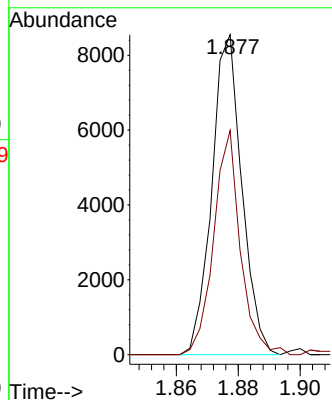
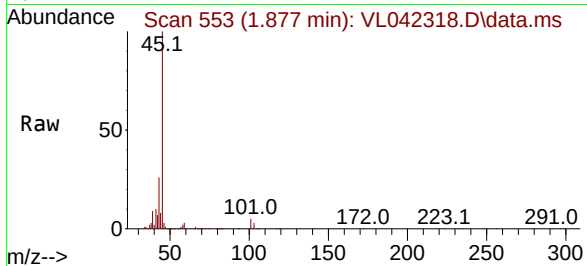




#11  
 Trichlorofluoromethane  
 Concen: 0.219 ppbv  
 RT: 1.877 min Scan# 511  
 Delta R.T. 0.003 min  
 Lab File: VL042318.D  
 Acq: 11 Apr 2025 13:52

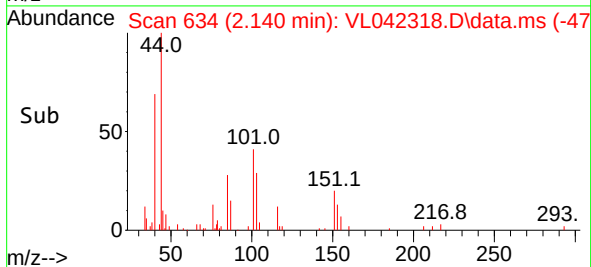
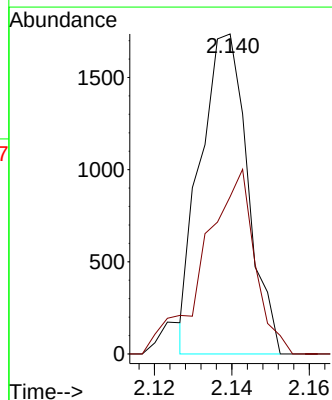
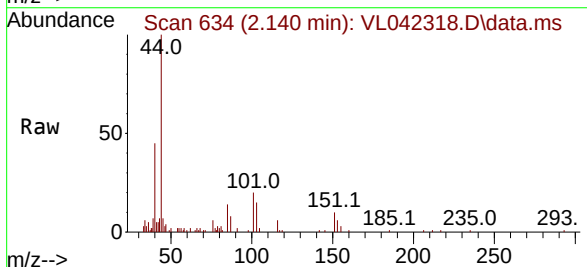
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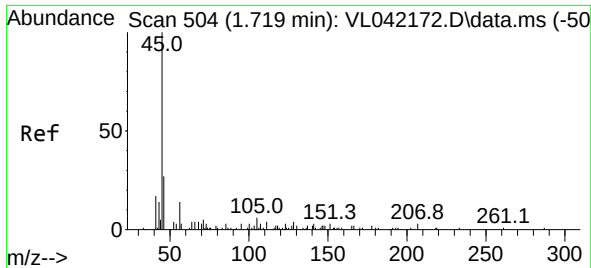
Tgt Ion:101 Resp: 5756  
 Ion Ratio Lower Upper  
 101 100  
 103 70.1 50.2 75.2



#12  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 0.068 ppbv  
 RT: 2.140 min Scan# 634  
 Delta R.T. 0.003 min  
 Lab File: VL042318.D  
 Acq: 11 Apr 2025 13:52

Tgt Ion:101 Resp: 1475  
 Ion Ratio Lower Upper  
 101 100  
 151 61.8 57.1 85.7

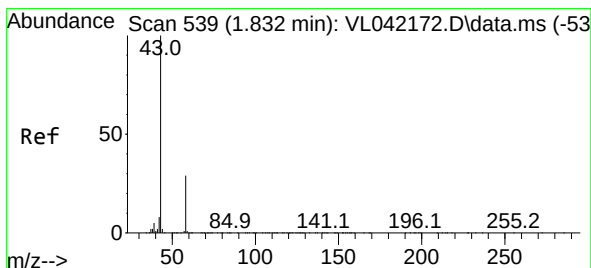
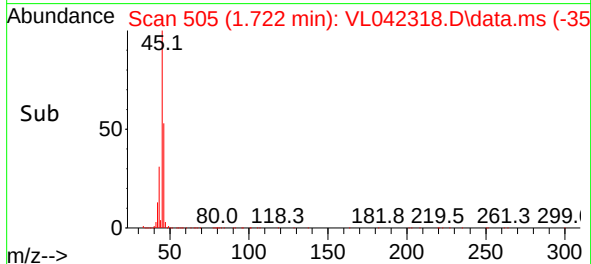
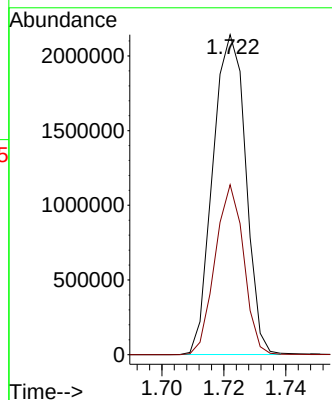
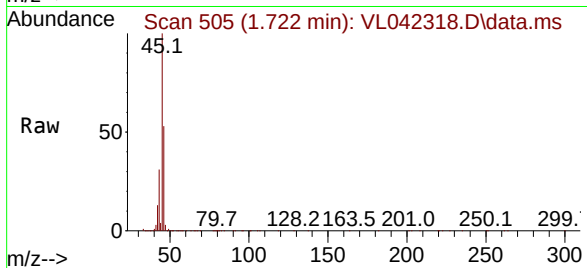




#13  
Ethanol  
Concen: 1319.793 ppbv  
RT: 1.722 min Scan# 504  
Delta R.T. 0.003 min  
Lab File: VL042318.D  
Acq: 11 Apr 2025 13:52

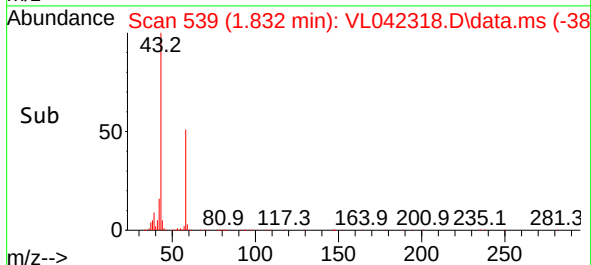
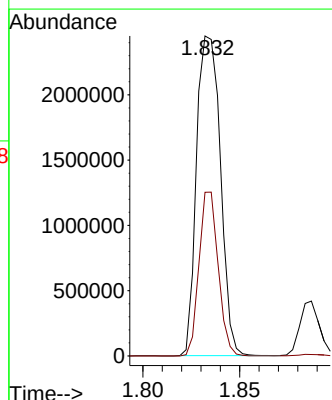
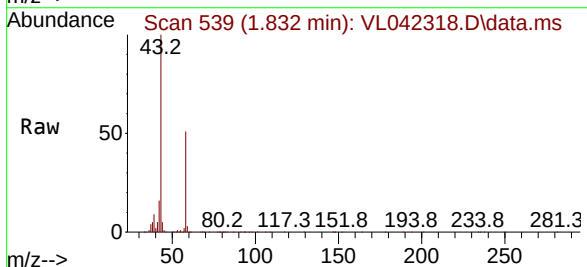
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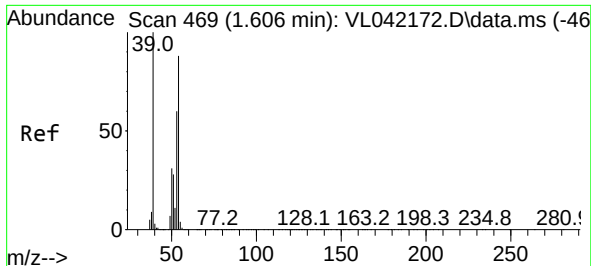
Tgt Ion: 45 Resp: 1578950  
Ion Ratio Lower Upper  
45 100  
46 46.4 20.2 80.8



#15  
Acetone  
Concen: 82.096 ppbv  
RT: 1.832 min Scan# 539  
Delta R.T. -0.000 min  
Lab File: VL042318.D  
Acq: 11 Apr 2025 13:52

Tgt Ion: 43 Resp: 2101760  
Ion Ratio Lower Upper  
43 100  
58 41.3 23.2 34.8#

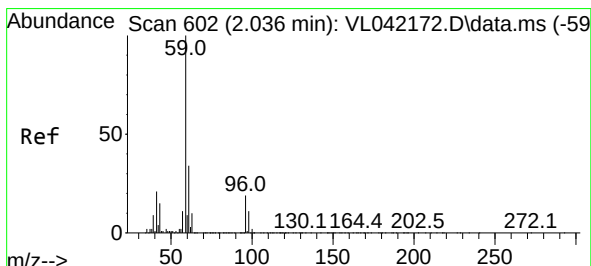
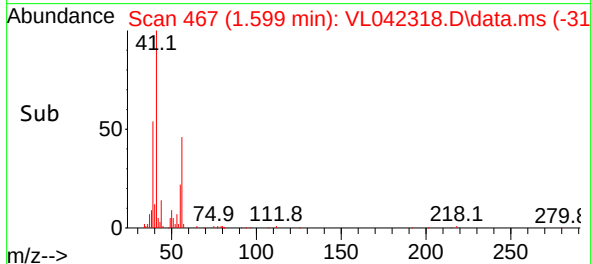
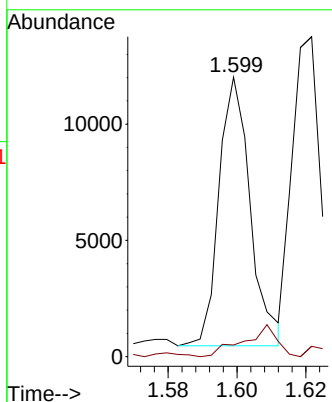
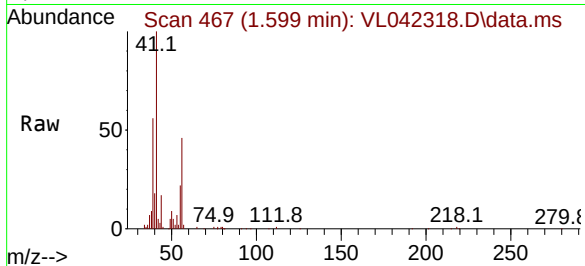




#16  
1,3-Butadiene  
Concen: 0.583 ppbv  
RT: 1.599 min Scan# 467  
Delta R.T. -0.007 min  
Lab File: VL042318.D  
Acq: 11 Apr 2025 13:52

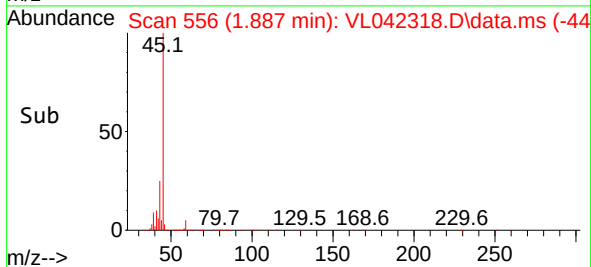
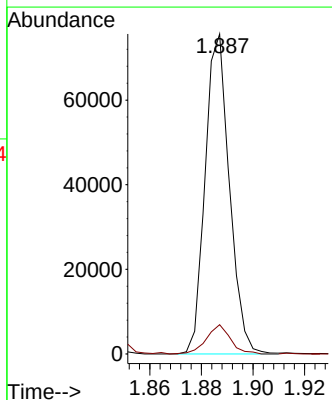
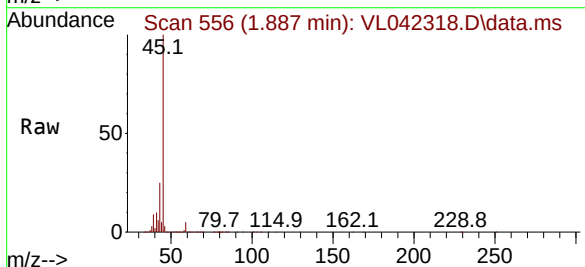
Instrument :  
MSVOA\_L  
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IA-B10-2-3242025DUP

Tgt Ion: 39 Resp: 7285  
Ion Ratio Lower Upper  
39 100  
54 19.4 60.7 91.1#

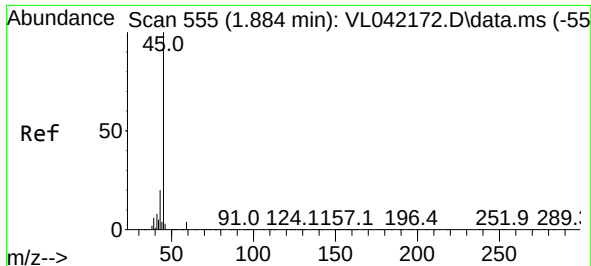


#17  
tert-Butyl alcohol  
Concen: 1.548 ppbv  
RT: 1.887 min Scan# 556  
Delta R.T. -0.149 min  
Lab File: VL042318.D  
Acq: 11 Apr 2025 13:52

Tgt Ion: 59 Resp: 49370  
Ion Ratio Lower Upper  
59 100  
57 9.1 8.9 13.3



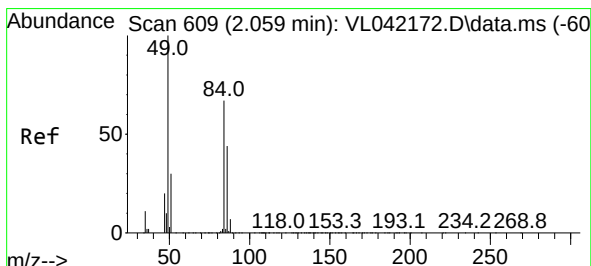
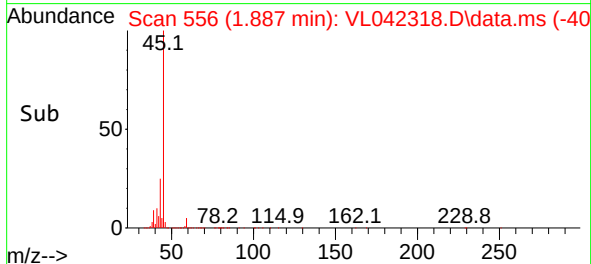
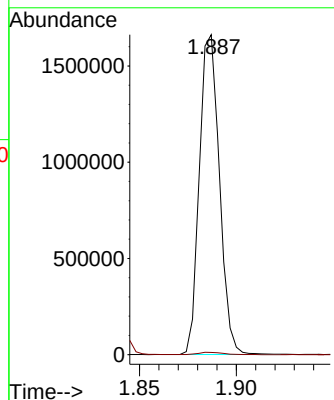
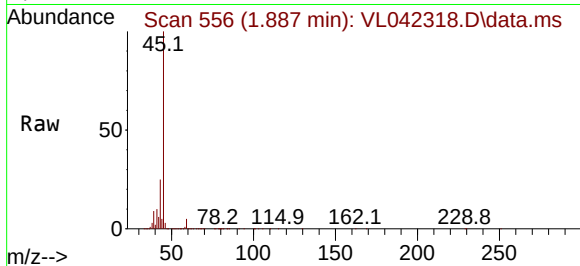




#19  
Isopropyl Alcohol  
Concen: 83.161 ppbv  
RT: 1.887 min Scan# 511  
Delta R.T. 0.003 min  
Lab File: VL042318.D  
Acq: 11 Apr 2025 13:52

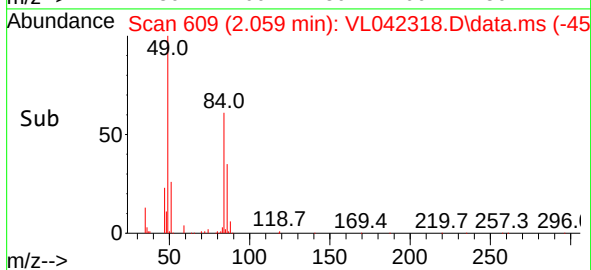
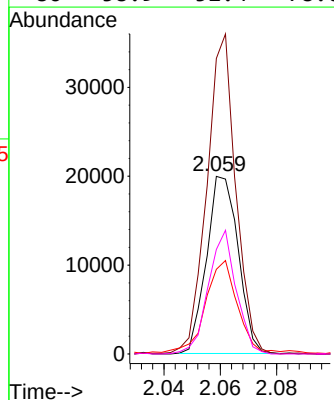
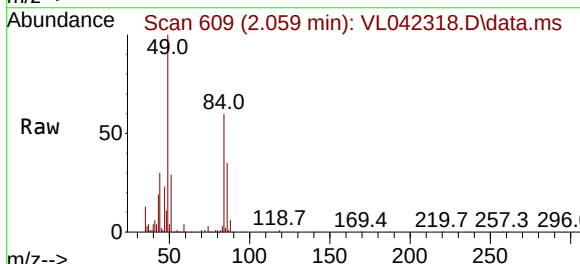
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA-B10-2-3242025DUP

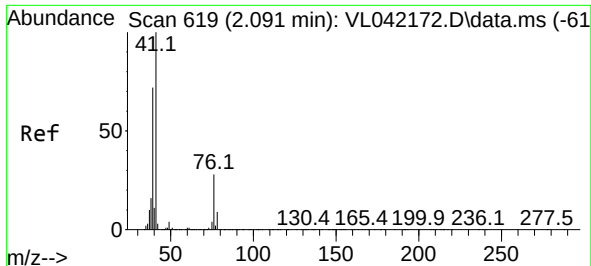
Tgt Ion: 45 Resp: 1201240  
Ion Ratio Lower Upper  
45 100  
58 72.3 36.9 55.3#



#20  
Methylene Chloride  
Concen: 1.630 ppbv  
RT: 2.059 min Scan# 609  
Delta R.T. -0.000 min  
Lab File: VL042318.D  
Acq: 11 Apr 2025 13:52

Tgt Ion: 84 Resp: 15544  
Ion Ratio Lower Upper  
84 100  
49 166.8 120.2 180.4  
51 46.4 37.4 56.0  
86 58.9 52.4 78.6

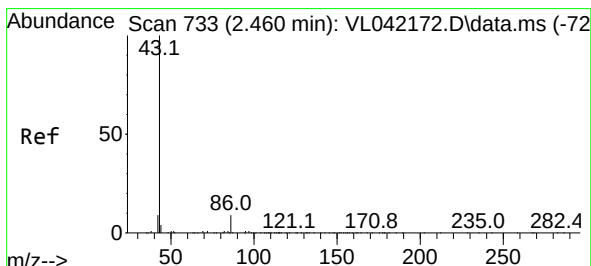
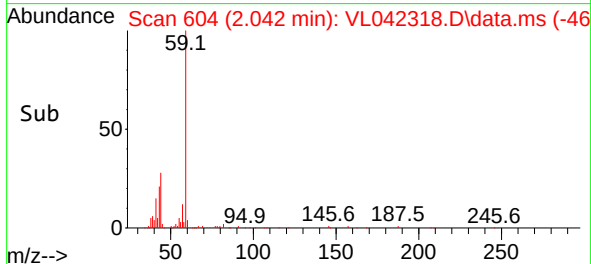
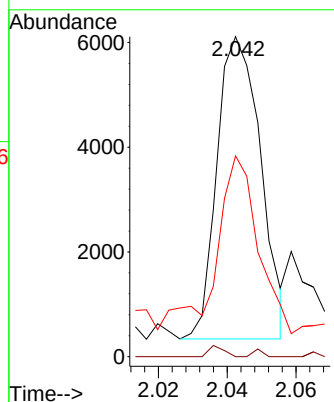
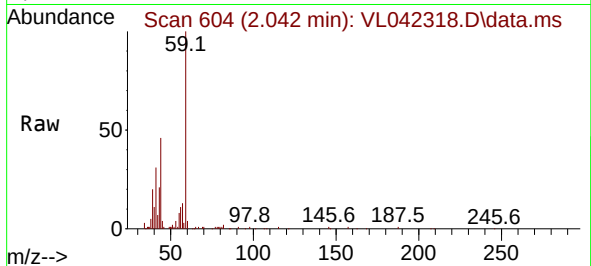




#21  
 Allyl Chloride  
 Concen: 0.282 ppbv  
 RT: 2.042 min Scan# 619  
 Delta R.T. -0.049 min  
 Lab File: VL042318.D  
 Acq: 11 Apr 2025 13:52

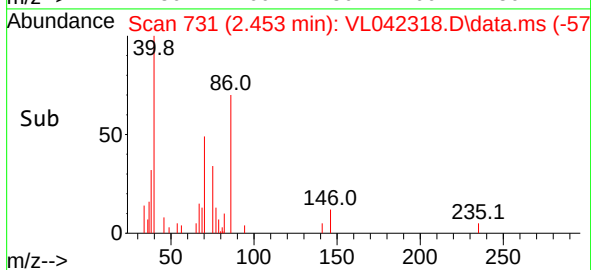
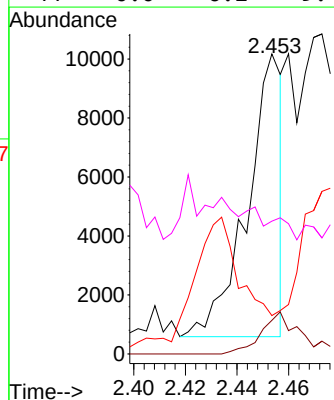
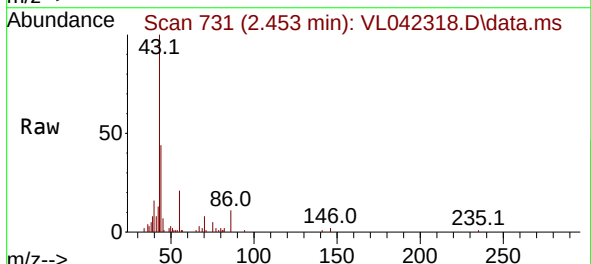
Instrument :  
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 IA-B10-2-3242025DUP

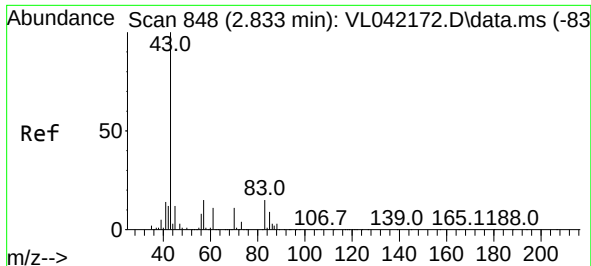
Tgt Ion: 41 Resp: 5085  
 Ion Ratio Lower Upper  
 41 100  
 76 1.8 24.1 36.1#  
 39 0.0 61.1 91.7#



#23  
 Vinyl Acetate  
 Concen: 0.802 ppbv  
 RT: 2.453 min Scan# 731  
 Delta R.T. -0.007 min  
 Lab File: VL042318.D  
 Acq: 11 Apr 2025 13:52

Tgt Ion: 43 Resp: 8887  
 Ion Ratio Lower Upper  
 43 100  
 86 11.0 5.5 8.3#  
 42 1.3 8.6 13.0#  
 44 0.0 6.2 9.4#

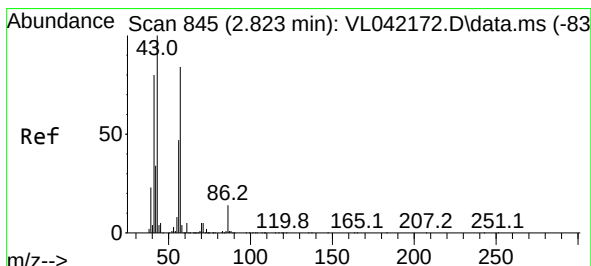
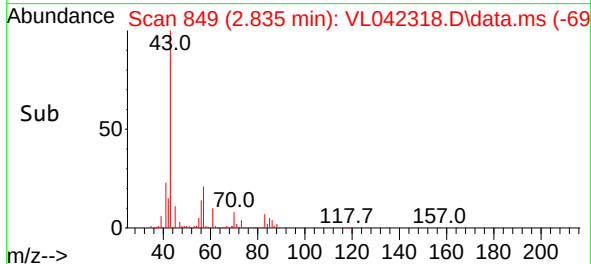
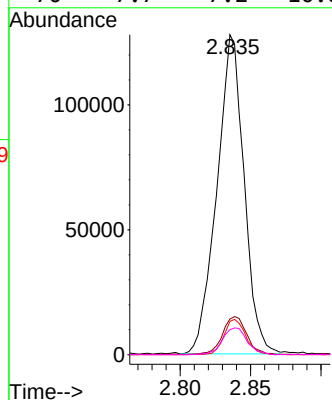
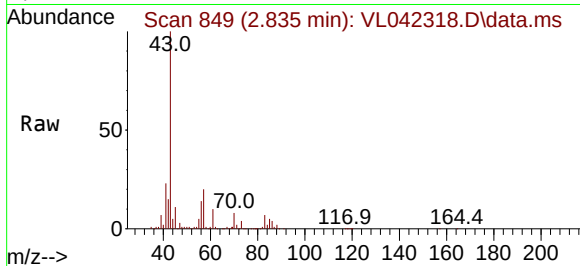




#25  
Ethyl Acetate  
Concen: 2.586 ppbv  
RT: 2.835 min Scan# 84  
Delta R.T. 0.003 min  
Lab File: VL042318.D  
Acq: 11 Apr 2025 13:52

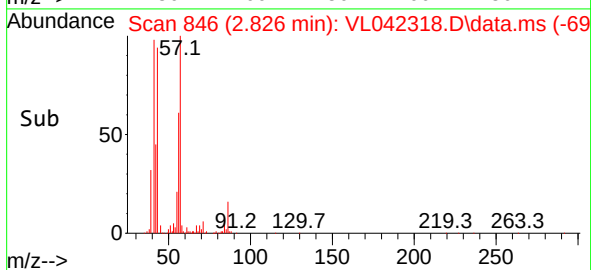
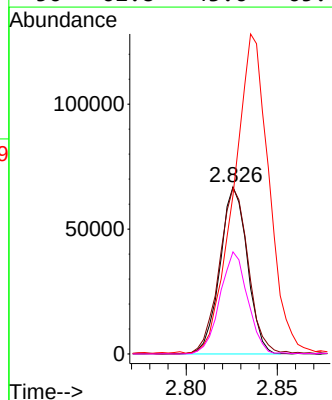
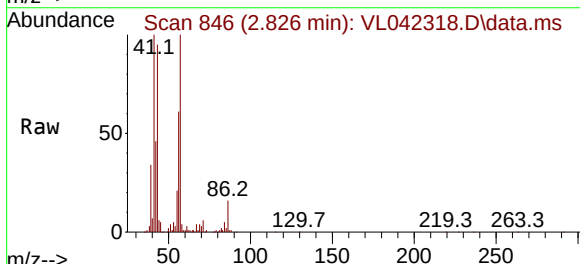
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA-B10-2-3242025DUP

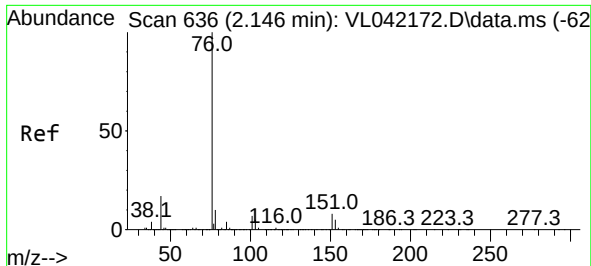
|             |              |
|-------------|--------------|
| Tgt Ion: 43 | Resp: 171845 |
| Ion Ratio   | Lower Upper  |
| 43 100      |              |
| 45 11.0     | 8.2 12.2     |
| 61 8.9      | 7.3 10.9     |
| 70 7.7      | 7.2 10.8     |



#26  
Hexane  
Concen: 2.715 ppbv  
RT: 2.826 min Scan# 846  
Delta R.T. 0.003 min  
Lab File: VL042318.D  
Acq: 11 Apr 2025 13:52

|             |             |       |       |
|-------------|-------------|-------|-------|
| Tgt Ion: 57 | Resp: 69684 |       |       |
| Ion         | Ratio       | Lower | Upper |
| 57          | 100         |       |       |
| 41          | 105.3       | 76.6  | 114.8 |
| 43          | 249.9       | 207.8 | 311.8 |
| 56          | 62.8        | 43.6  | 65.4  |

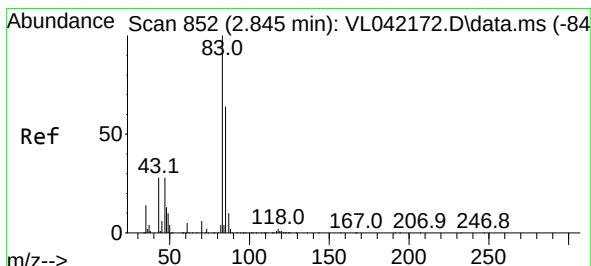
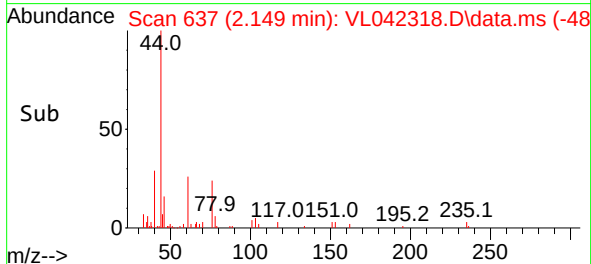
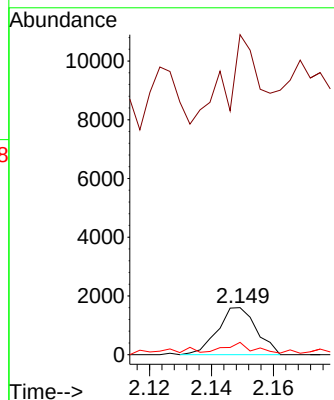
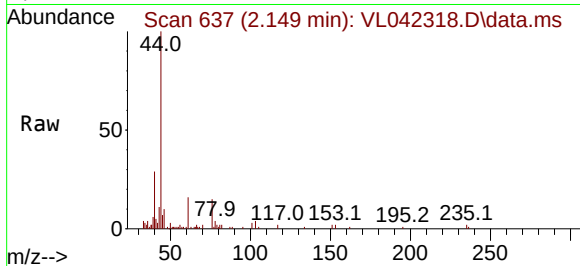




#27  
Carbon Disulfide  
Concen: 0.050 ppbv  
RT: 2.149 min Scan# 613  
Delta R.T. 0.003 min  
Lab File: VL042318.D  
Acq: 11 Apr 2025 13:52

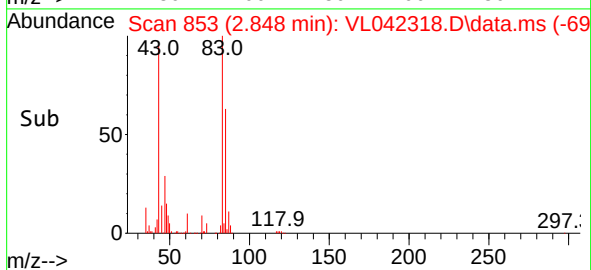
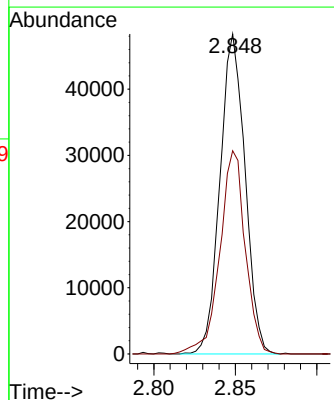
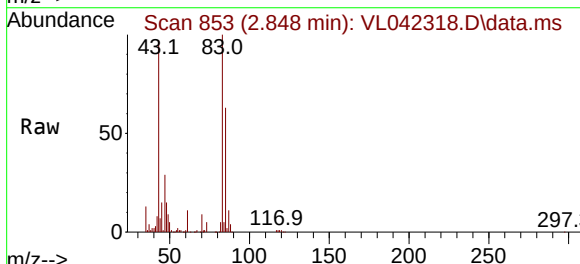
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA-B10-2-3242025DUP

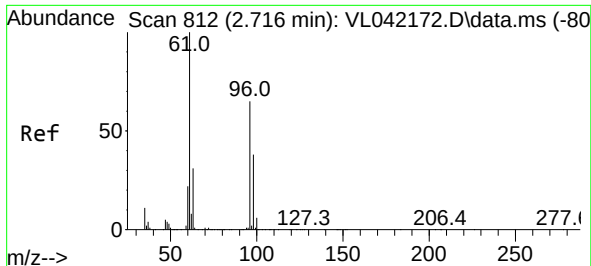
Tgt Ion: 76 Resp: 1389  
Ion Ratio Lower Upper  
76 100  
44 0.0 14.7 22.1#  
78 46.8 9.3 13.9#



#29  
Chloroform  
Concen: 1.373 ppbv  
RT: 2.848 min Scan# 853  
Delta R.T. 0.003 min  
Lab File: VL042318.D  
Acq: 11 Apr 2025 13:52

Tgt Ion: 83 Resp: 51580  
Ion Ratio Lower Upper  
83 100  
85 63.5 51.4 77.2

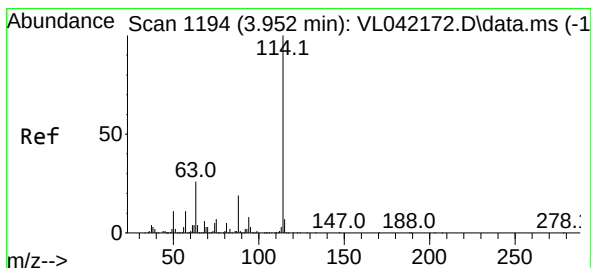
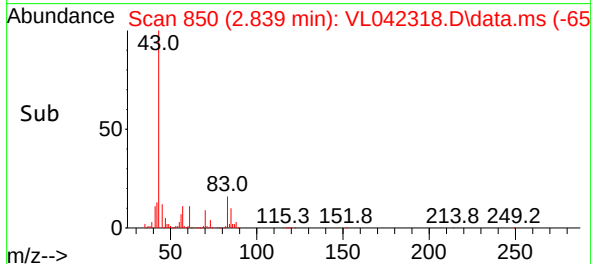
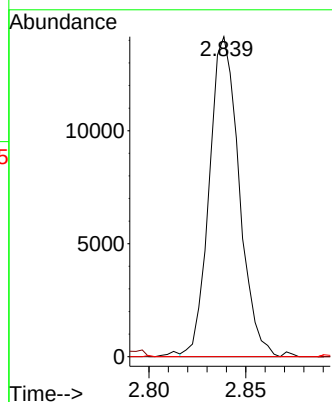
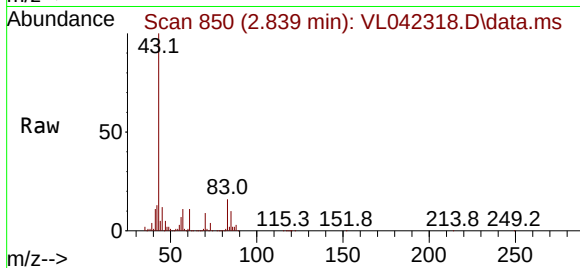




#31  
 cis-1,2-Dichloroethene  
 Concen: 0.581 ppbv  
 RT: 2.839 min Scan# 812  
 Delta R.T. 0.123 min  
 Lab File: VL042318.D  
 Acq: 11 Apr 2025 13:52

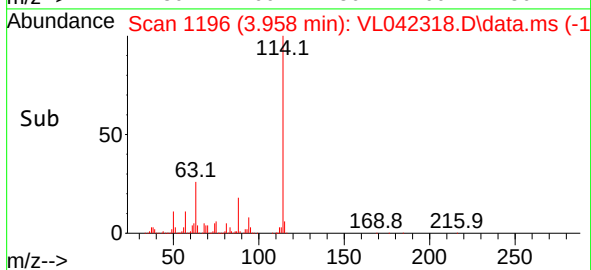
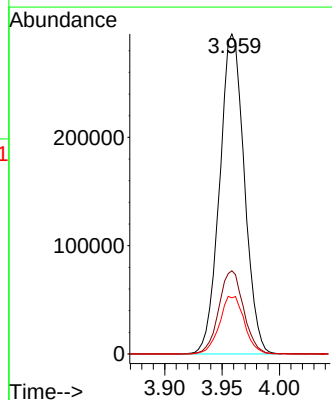
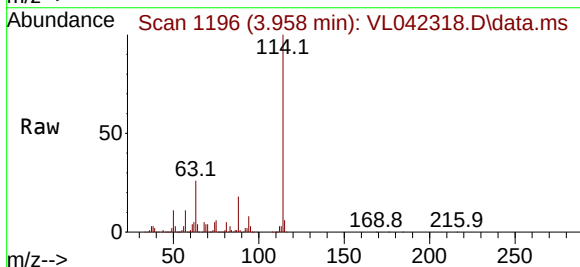
Instrument :  
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 ClientSampleId :  
 IA-B10-2-3242025DUP

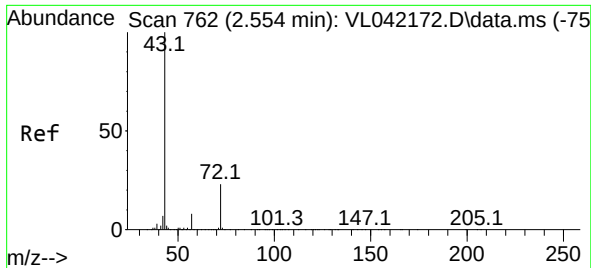
Tgt Ion: 61 Resp: 15128  
 Ion Ratio Lower Upper  
 61 100  
 96 0.0 51.8 77.8#  
 98 0.0 30.6 46.0#



#33  
 1,4-Difluorobenzene  
 Concen: 10.000 ppbv  
 RT: 3.958 min Scan# 1196  
 Delta R.T. 0.006 min  
 Lab File: VL042318.D  
 Acq: 11 Apr 2025 13:52

Tgt Ion: 114 Resp: 442590  
 Ion Ratio Lower Upper  
 114 100  
 63 26.1 20.7 31.1  
 88 18.2 15.0 22.4

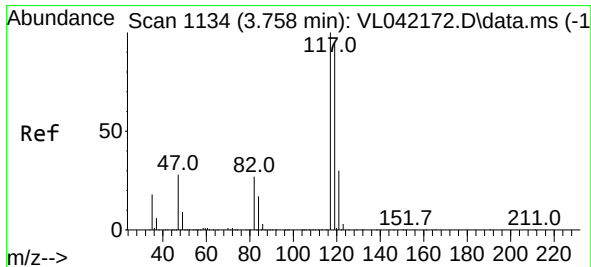
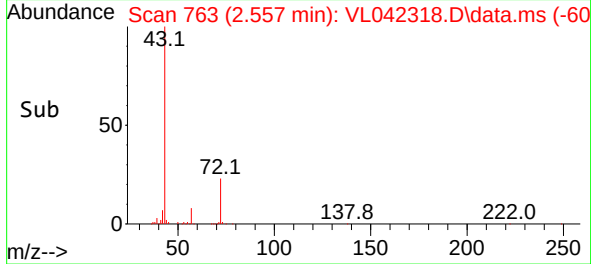
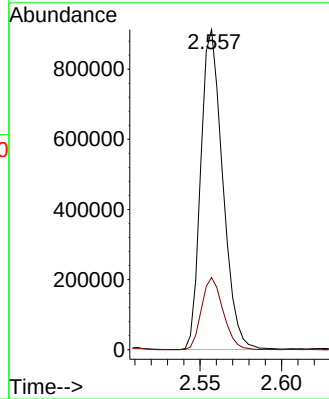
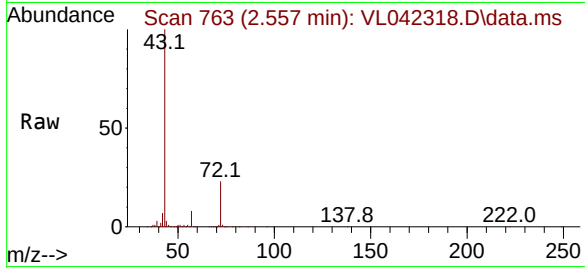




#34  
2-Butanone  
Concen: 26.579 ppbv  
RT: 2.557 min Scan# 71  
Delta R.T. 0.003 min  
Lab File: VL042318.D  
Acq: 11 Apr 2025 13:52

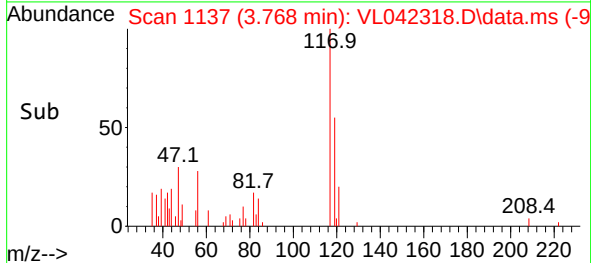
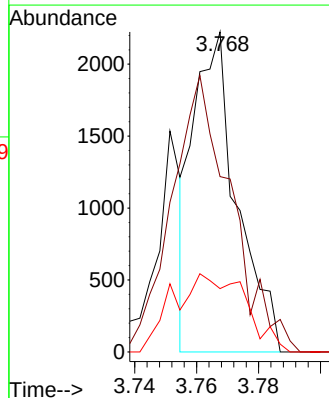
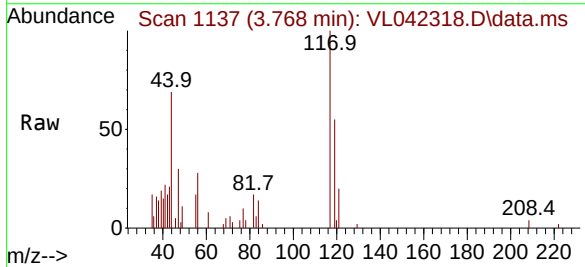
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA-B10-2-3242025DUP

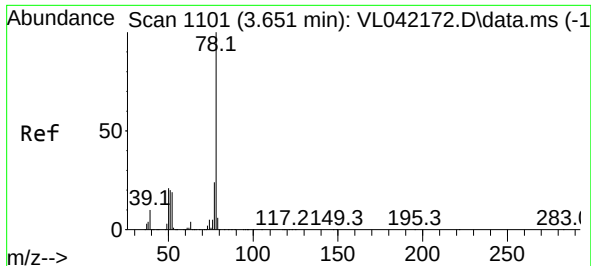
Tgt Ion: 43 Resp: 853001  
Ion Ratio Lower Upper  
43 100  
72 22.3 18.2 27.2



#35  
Carbon Tetrachloride  
Concen: 0.063 ppbv  
RT: 3.768 min Scan# 1137  
Delta R.T. 0.009 min  
Lab File: VL042318.D  
Acq: 11 Apr 2025 13:52

Tgt Ion: 117 Resp: 2172  
Ion Ratio Lower Upper  
117 100  
119 44.7 76.2 114.2#  
121 17.4 24.2 36.4#

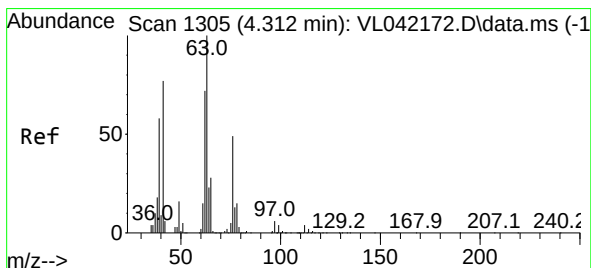
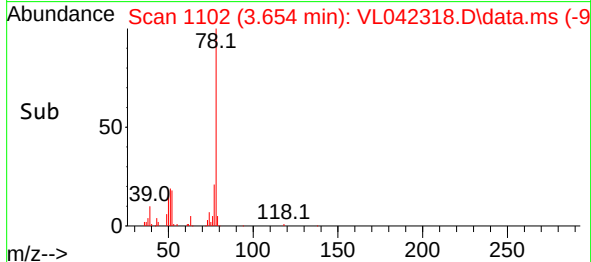
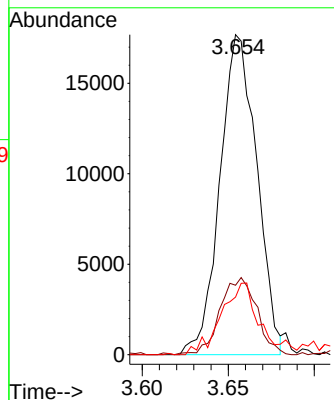
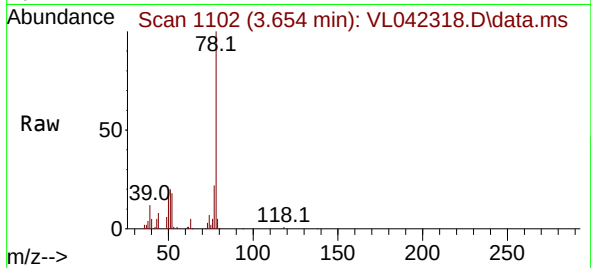




#36  
Benzene  
Concen: 0.601 ppbv  
RT: 3.654 min Scan# 1101  
Delta R.T. 0.003 min  
Lab File: VL042318.D  
Acq: 11 Apr 2025 13:52

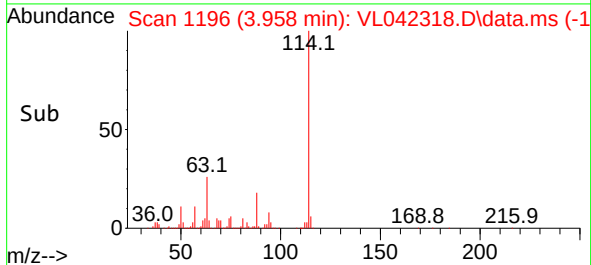
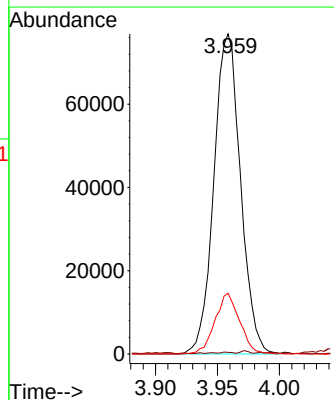
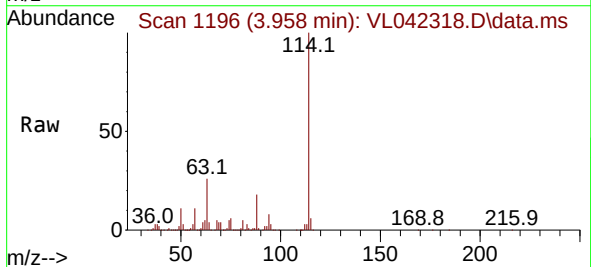
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ClientSampleId :  
IA-B10-2-3242025DUP

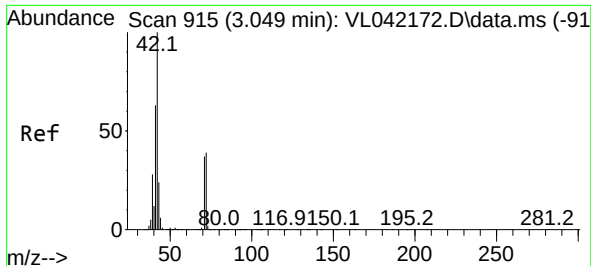
Tgt Ion: 78 Resp: 26349  
Ion Ratio Lower Upper  
78 100  
77 21.2 19.1 28.7  
50 18.0 16.6 24.8



#39  
1,2-Dichloropropane  
Concen: 7.216 ppbv  
RT: 3.958 min Scan# 1196  
Delta R.T. -0.353 min  
Lab File: VL042318.D  
Acq: 11 Apr 2025 13:52

Tgt Ion: 63 Resp: 115306  
Ion Ratio Lower Upper  
63 100  
41 0.4 61.7 92.5#  
62 18.9 57.6 86.4#

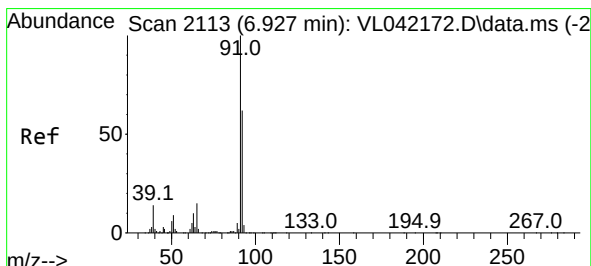
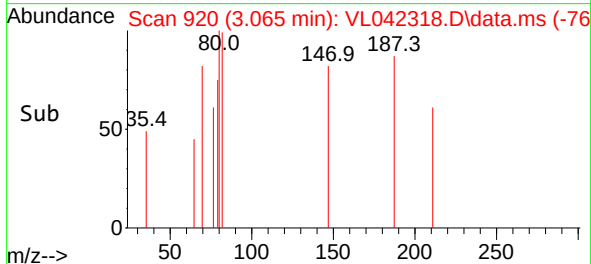
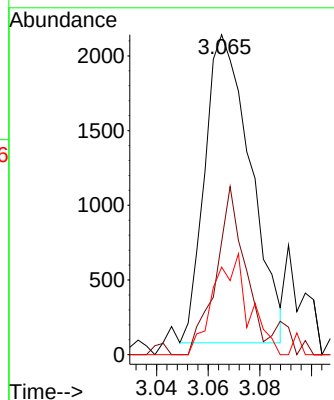
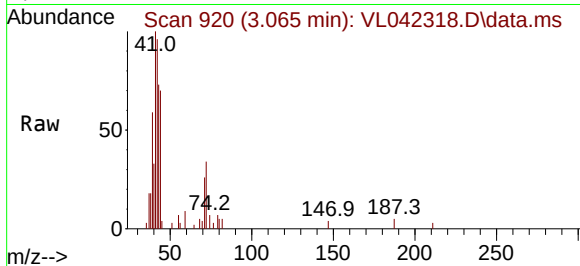




#41  
Tetrahydrofuran  
Concen: 0.137 ppbv  
RT: 3.065 min Scan# 91  
Delta R.T. 0.016 min  
Lab File: VL042318.D  
Acq: 11 Apr 2025 13:52

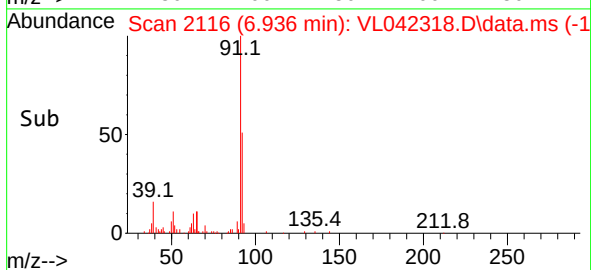
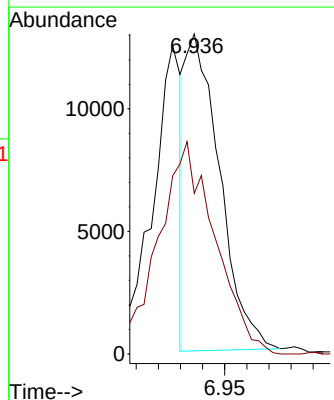
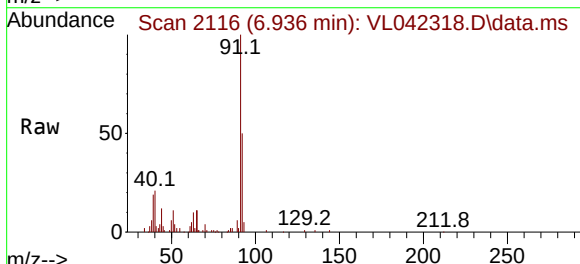
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA-B10-2-3242025DUP

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 2536  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 0.0   | 31.4  | 47.0# |
| 71       | 26.5  | 30.2  | 45.4# |

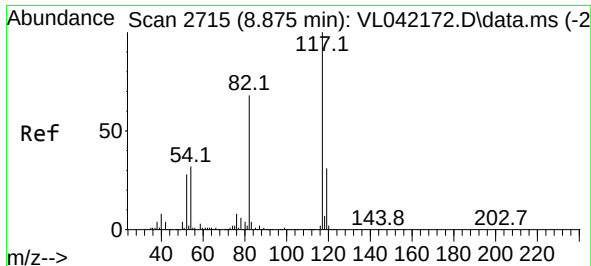


#53  
Toluene  
Concen: 0.269 ppbv  
RT: 6.936 min Scan# 2116  
Delta R.T. 0.009 min  
Lab File: VL042318.D  
Acq: 11 Apr 2025 13:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 13995 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 111.0 | 48.4  | 72.6# |



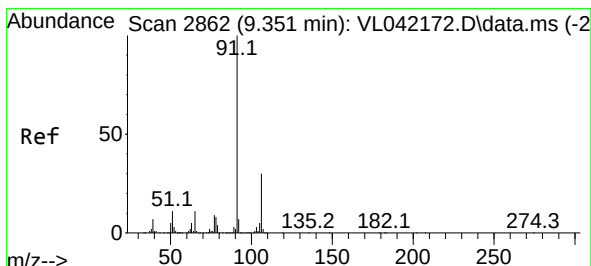
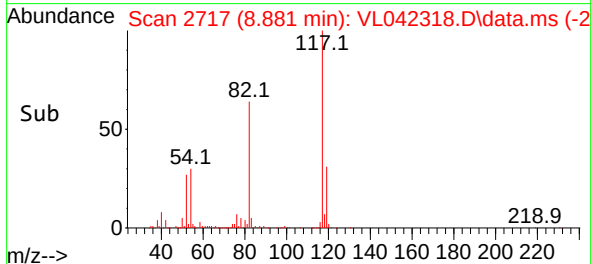
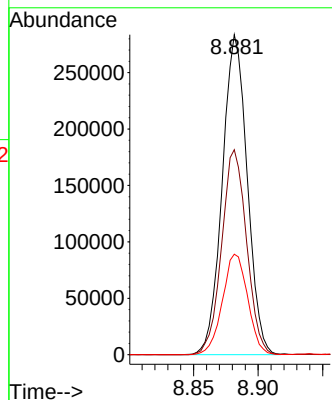
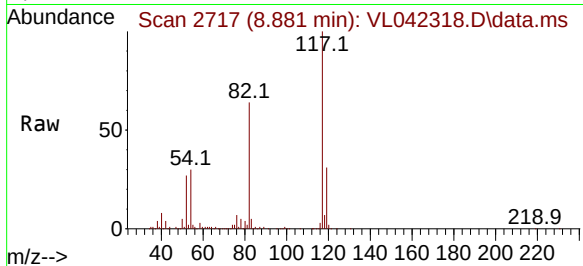




#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 8.881 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VL042318.D  
Acq: 11 Apr 2025 13:52

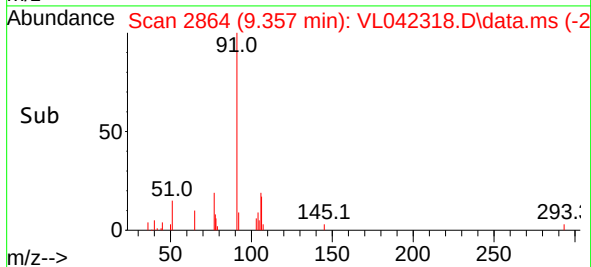
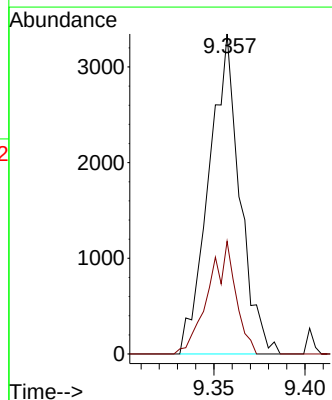
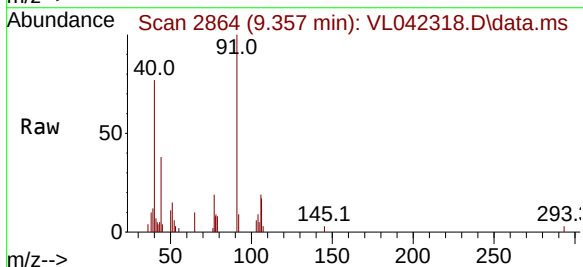
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MSVOA\_L  
ClientSampleId :  
IA-B10-2-3242025DUP

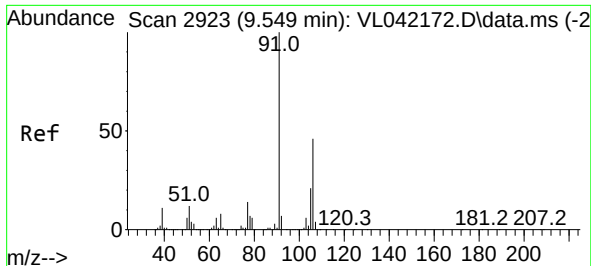
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 380933 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 64.2  | 55.8  | 83.6   |
| 119      | 31.9  | 25.5  | 38.3   |



#58  
Ethyl Benzene  
Concen: 0.059 ppbv  
RT: 9.357 min Scan# 2864  
Delta R.T. 0.006 min  
Lab File: VL042318.D  
Acq: 11 Apr 2025 13:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 3973  |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 106      | 35.2  | 24.2  | 36.2  |





#59

m/p-Xylene

Concen: 0.061 ppbv

RT: 9.545 min Scan# 2923

Delta R.T. -0.004 min

Lab File: VL042318.D

Acq: 11 Apr 2025 13:52

Instrument :

MSVOA\_1

ClientSampleId :

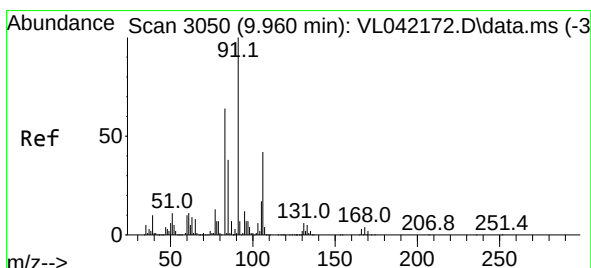
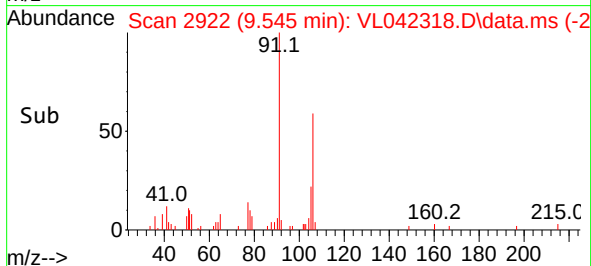
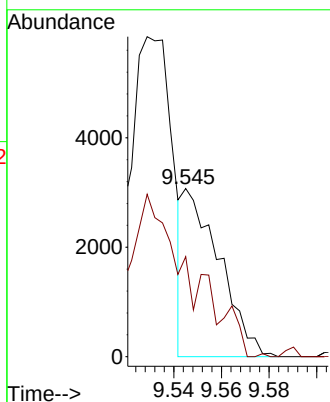
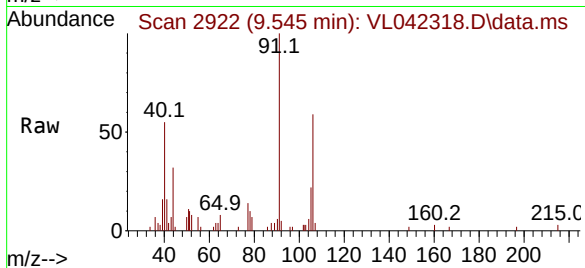
LA-B10-2-3242025DUP

Tgt Ion: 91 Resp: 3275

Ion Ratio Lower Upper

91 100

106 0.0 36.4 54.6#



#60

o-Xylene

Concen: 0.089 ppbv

RT: 9.962 min Scan# 3051

Delta R.T. 0.003 min

Lab File: VL042318.D

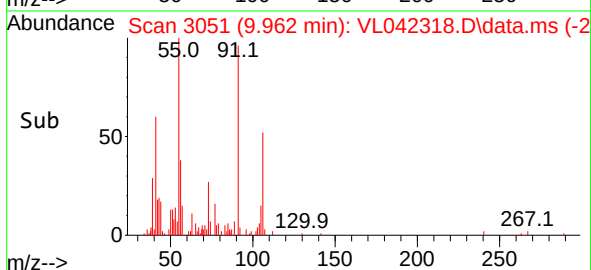
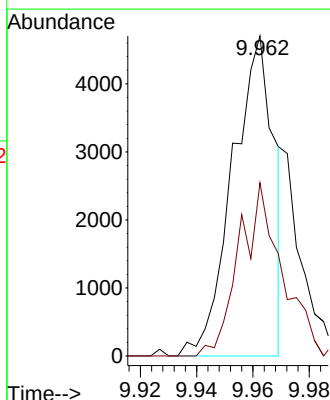
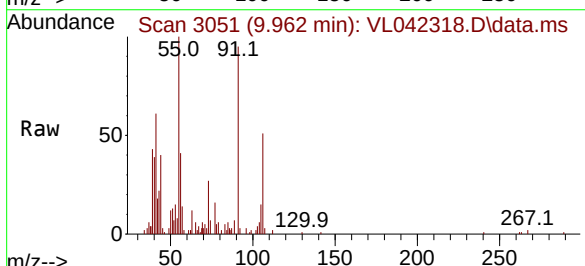
Acq: 11 Apr 2025 13:52

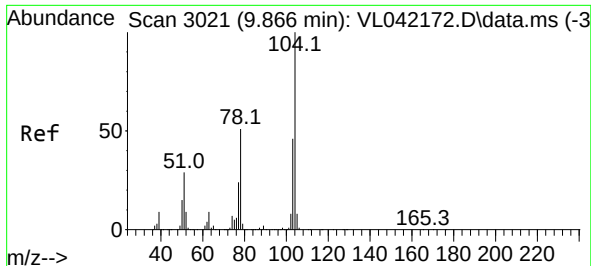
Tgt Ion: 91 Resp: 4830

Ion Ratio Lower Upper

91 100

106 56.9 20.8 62.5





#61

Styrene

Concen: 0.086 ppbv

RT: 9.869 min Scan# 3021

Delta R.T. 0.003 min

Lab File: VL042318.D

Acq: 11 Apr 2025 13:52

Instrument :

MSVOA\_L

ClientSampleId :

IA-B10-2-3242025DUP

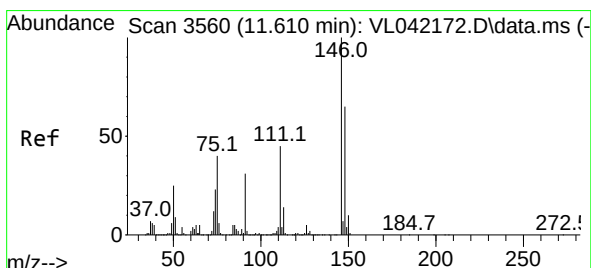
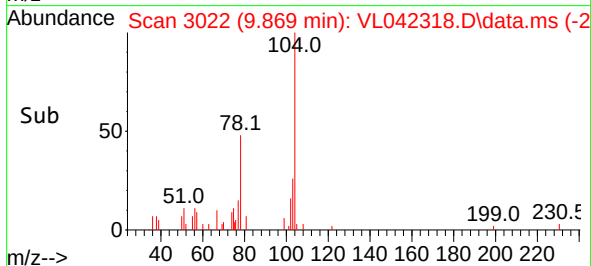
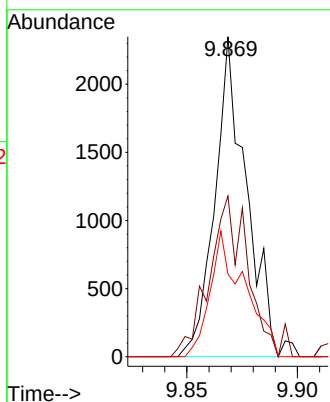
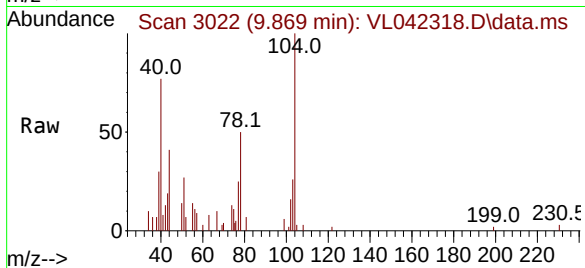
Tgt Ion:104 Resp: 2313

Ion Ratio Lower Upper

104 100

78 62.7 41.8 62.6#

103 43.0 37.0 55.4



#66

Benzyl Chloride

Concen: 0.172 ppbv

RT: 11.532 min Scan# 3536

Delta R.T. -0.078 min

Lab File: VL042318.D

Acq: 11 Apr 2025 13:52

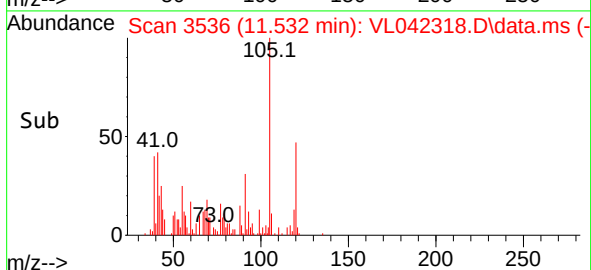
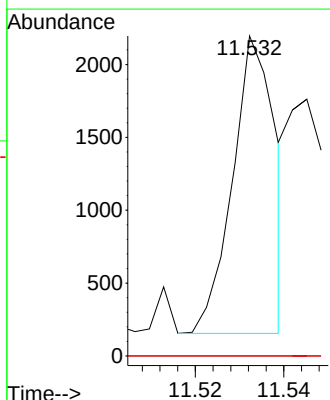
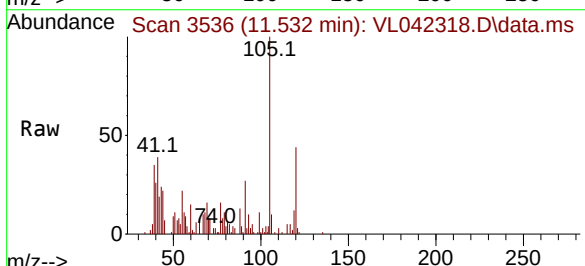
Tgt Ion: 91 Resp: 1364

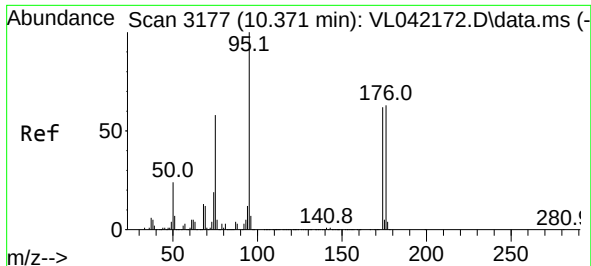
Ion Ratio Lower Upper

91 100

126 0.0 13.8 20.6#

128 3.6 4.5 6.7#

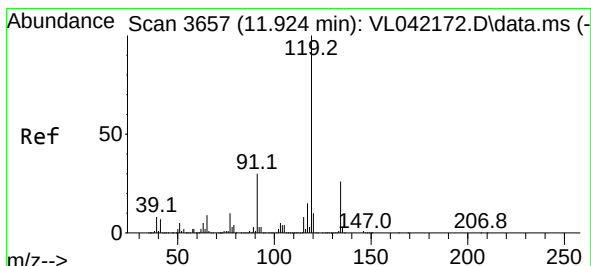
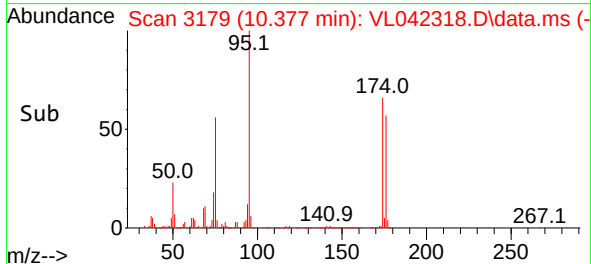
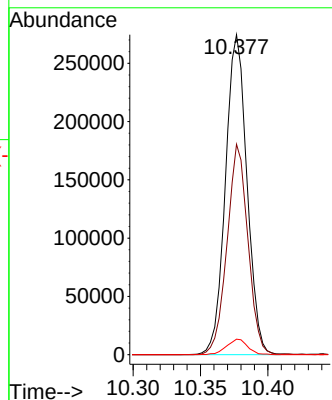
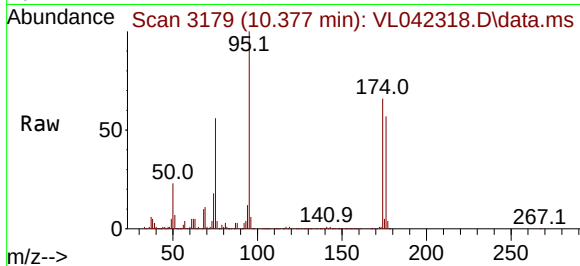




#68  
1-Bromo-4-Fluorobenzene  
Concen: 9.741 ppbv  
RT: 10.377 min Scan# 3177  
Delta R.T. 0.006 min  
Lab File: VL042318.D  
Acq: 11 Apr 2025 13:52

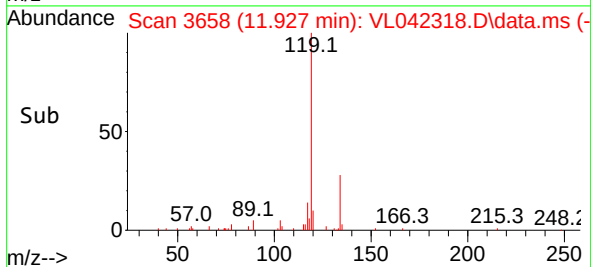
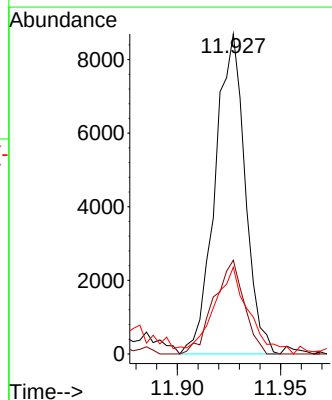
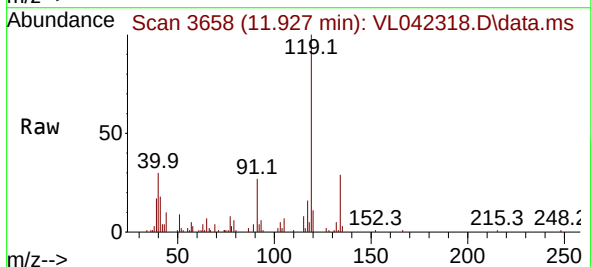
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA-B10-2-3242025DUP

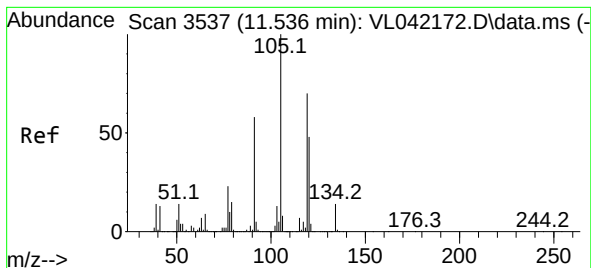
Tgt Ion: 95 Resp: 304733  
Ion Ratio Lower Upper  
95 100  
174 63.9 50.6 76.0  
175 4.8 3.8 5.6



#69  
p-Isopropyltoluene  
Concen: 0.098 ppbv  
RT: 11.927 min Scan# 3658  
Delta R.T. 0.003 min  
Lab File: VL042318.D  
Acq: 11 Apr 2025 13:52

Tgt Ion: 119 Resp: 8784  
Ion Ratio Lower Upper  
119 100  
134 31.1 20.4 30.6#  
91 0.0 23.7 35.5#





#74

1,2,4-Trimethylbenzene

Concen: 0.132 ppbv

RT: 11.535 min Scan# 31

Delta R.T. -0.000 min

Lab File: VL042318.D

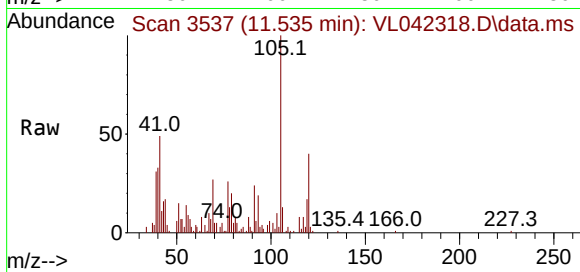
Acq: 11 Apr 2025 13:52

Instrument :

MSVOA\_L

ClientSampleId :

IA-B10-2-3242025DUP



Tgt Ion:105 Resp: 8971

Ion Ratio Lower Upper

105 100

120 43.4 38.6 58.0

91 21.9 46.2 69.2#

77 25.2 18.6 27.8

