

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL092225\  
 Data File : VL042972.D  
 Acq On : 23 Sep 2025 00:00  
 Operator : SY/MD  
 Sample : Q3130-01  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 131-1A-1

Quant Time: Sep 23 02:58:33 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL092225AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
 QLast Update : Tue Sep 23 02:39:16 2025  
 Response via : Initial Calibration

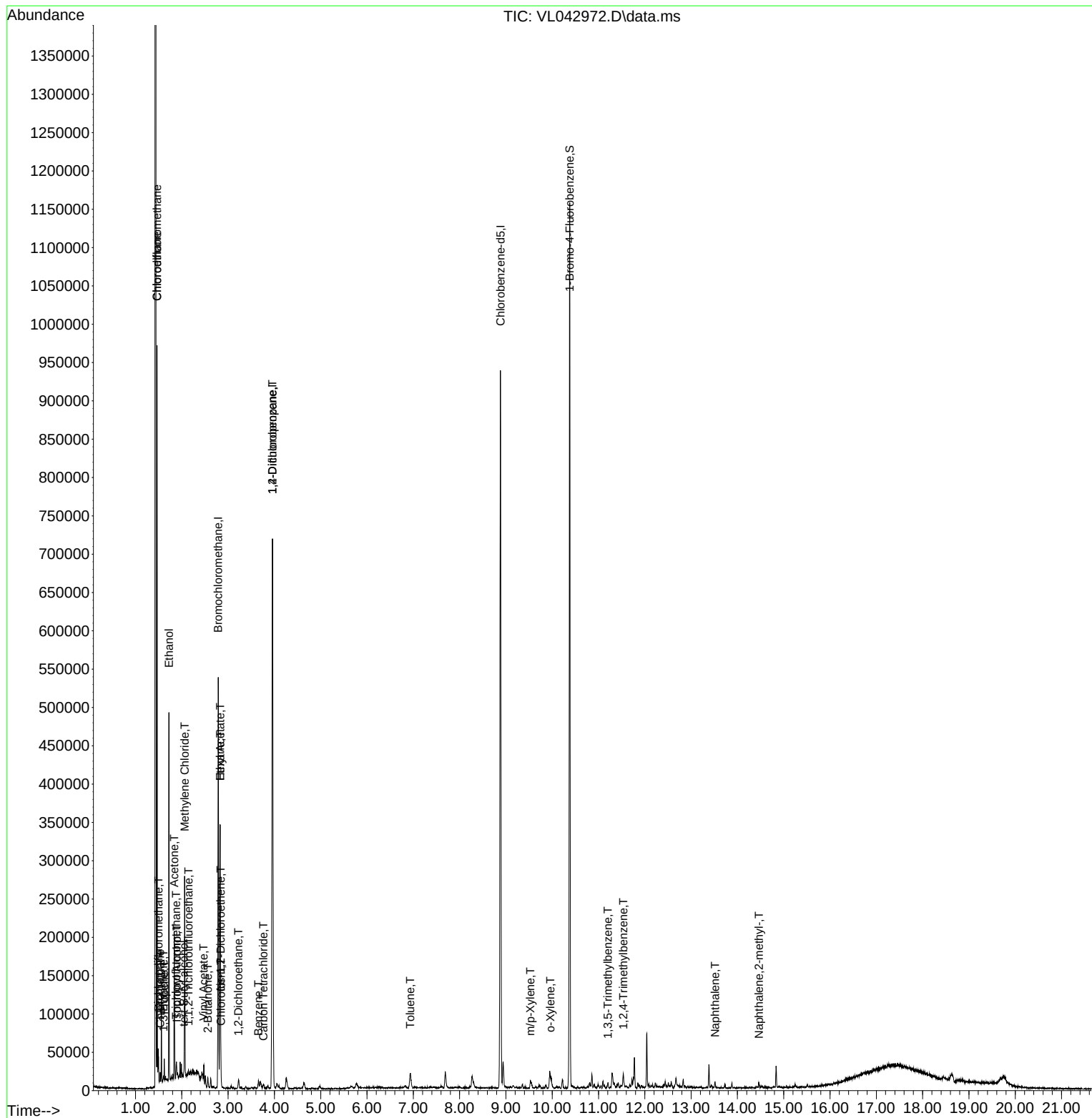
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) Bromochloromethane         | 2.787  | 49    | 145953   | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene       | 3.959  | 114   | 431842   | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5          | 8.882  | 117   | 383750   | 10.000   | ppbv   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene   | 10.377 | 95    | 292508   | 10.211   | ppbv   | 0.00     |
| Spiked Amount                 | 10.000 | Range | 65 - 135 | Recovery | =      | 102.100% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.499  | 85    | 8120     | 0.414    | ppbv   | 97       |
| 3) Chlorodifluoromethane      | 1.467  | 51    | 211851   | 8.659    | ppbv # | 62       |
| 4) Chloromethane              | 1.531  | 50    | 3356     | 0.378    | ppbv   | 96       |
| 7) Chloroethane               | 1.467  | 64    | 9617     | 3.083    | ppbv   | 100      |
| 9) Propene                    | 1.622  | 41    | 2604     | 0.245    | ppbv   | 99       |
| 11) Trichlorofluoromethane    | 1.878  | 101   | 4596     | 0.243    | ppbv   | 85       |
| 12) 1,1,2-Trichlorotrifluo... | 2.143  | 101   | 1044     | 0.068    | ppbv   | 85       |
| 13) Ethanol                   | 1.722  | 45    | 162942   | 157.804  | ppbv   | 96       |
| 15) Acetone                   | 1.836  | 43    | 81435    | 4.284    | ppbv   | 99       |
| 16) 1,3-Butadiene             | 1.603  | 39    | 1048     | 0.117    | ppbv # | 11       |
| 17) tert-Butyl alcohol        | 2.046  | 59    | 2316     | 0.111    | ppbv # | 69       |
| 19) Isopropyl Alcohol         | 1.891  | 45    | 6519     | 0.570    | ppbv # | 1        |
| 20) Methylene Chloride        | 2.062  | 84    | 37760    | 6.423    | ppbv   | 97       |
| 23) Vinyl Acetate             | 2.473  | 43    | 7420     | 0.273    | ppbv # | 53       |
| 25) Ethyl Acetate             | 2.829  | 43    | 73739    | 1.535    | ppbv # | 84       |
| 26) Hexane                    | 2.829  | 57    | 84491    | 3.858    | ppbv # | 47       |
| 29) Chloroform                | 2.849  | 83    | 1984     | 0.069    | ppbv # | 82       |
| 31) cis-1,2-Dichloroethene    | 2.842  | 61    | 2172     | 0.106    | ppbv # | 24       |
| 34) 2-Butanone                | 2.561  | 43    | 7799     | 0.258    | ppbv   | 91       |
| 35) Carbon Tetrachloride      | 3.761  | 117   | 1636     | 0.058    | ppbv # | 83       |
| 36) Benzene                   | 3.655  | 78    | 5706     | 0.141    | ppbv # | 92       |
| 37) 1,2-Dichloroethane        | 3.221  | 62    | 2796     | 0.131    | ppbv # | 94       |
| 39) 1,2-Dichloropropane       | 3.959  | 63    | 109077   | 7.368    | ppbv # | 25       |
| 53) Toluene                   | 6.937  | 91    | 6800     | 0.142    | ppbv # | 20       |
| 59) m/p-Xylene                | 9.529  | 91    | 4389     | 0.088    | ppbv # | 100      |
| 60) o-Xylene                  | 9.963  | 91    | 2816     | 0.057    | ppbv   | 98       |
| 73) 1,3,5-Trimethylbenzene    | 11.203 | 105   | 1628     | 0.032    | ppbv   | 98       |
| 74) 1,2,4-Trimethylbenzene    | 11.536 | 105   | 4776     | 0.086    | ppbv # | 63       |
| 79) Naphthalene               | 13.517 | 128   | 3962     | 0.080    | ppbv # | 89       |
| 80) Naphthalene,2-methyl-     | 14.465 | 142   | 2880     | 0.189    | ppbv # | 91       |
| -----                         |        |       |          |          |        |          |

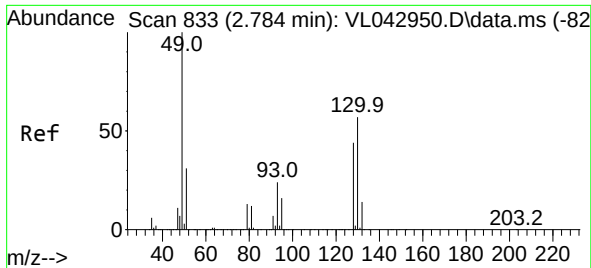
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL092225\  
Data File : VL042972.D  
Acq On : 23 Sep 2025 00:00  
Operator : SY/MD  
Sample : Q3130-01  
Misc : 400mL/MSVOA\_L  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_L  
ClientSampleId :  
131-1A-1

Quant Time: Sep 23 02:58:33 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL092225AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
QLast Update : Tue Sep 23 02:39:16 2025  
Response via : Initial Calibration

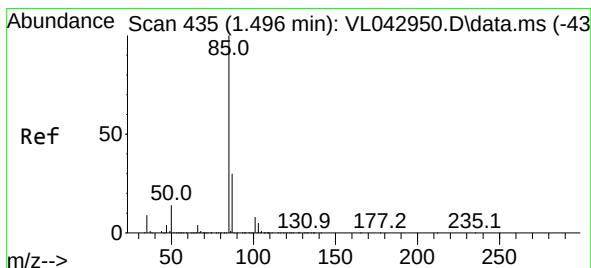
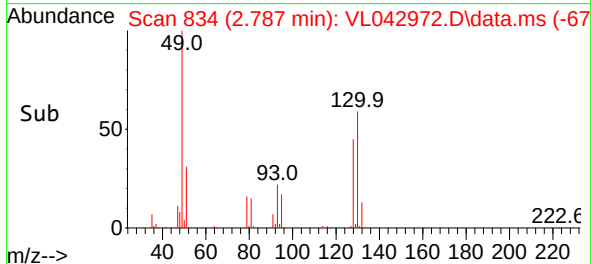
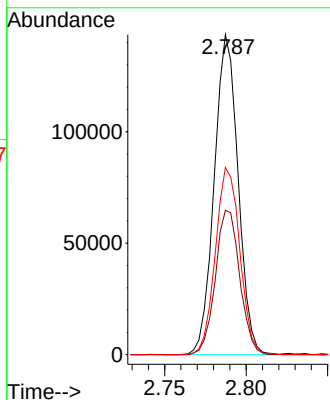
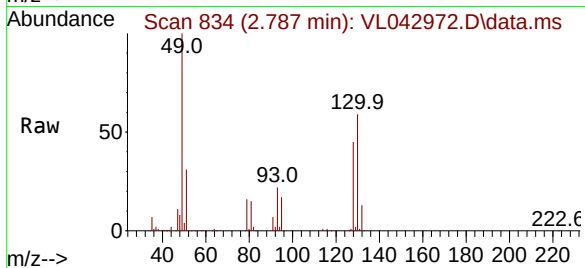




#1  
Bromochloromethane  
Concen: 10.000 ppbv  
RT: 2.787 min Scan# 81  
Delta R.T. 0.003 min  
Lab File: VL042972.D  
Acq: 23 Sep 2025 00:00

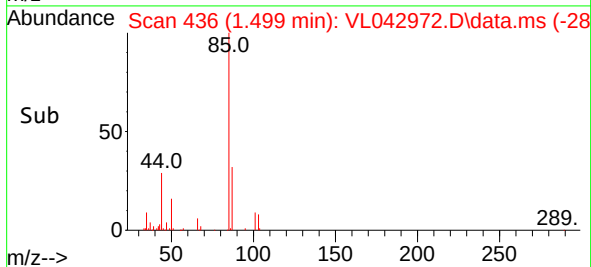
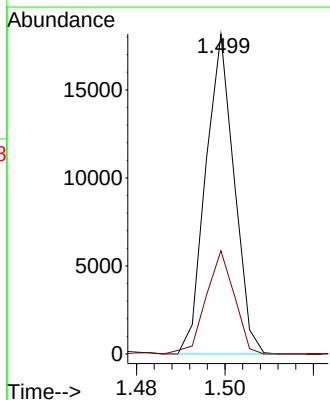
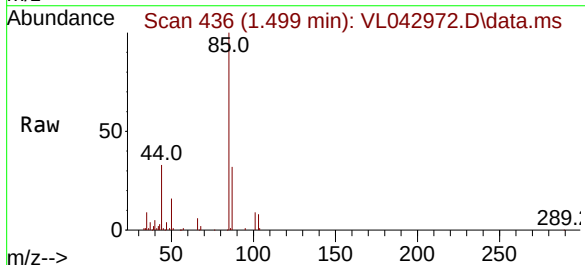
Instrument :  
MSVOA\_L  
ClientSampleId :  
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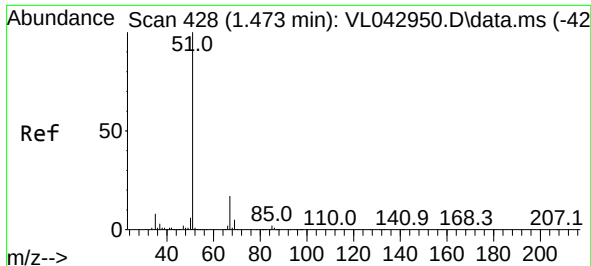
Tgt Ion: 49 Resp: 145953  
Ion Ratio Lower Upper  
49 100  
128 46.0 22.9 68.8  
130 59.8 29.1 87.3



#2  
Dichlorodifluoromethane  
Concen: 0.414 ppbv  
RT: 1.499 min Scan# 436  
Delta R.T. 0.003 min  
Lab File: VL042972.D  
Acq: 23 Sep 2025 00:00

Tgt Ion: 85 Resp: 8120  
Ion Ratio Lower Upper  
85 100  
87 32.2 24.3 36.5

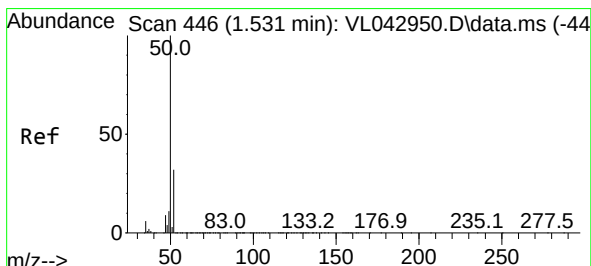
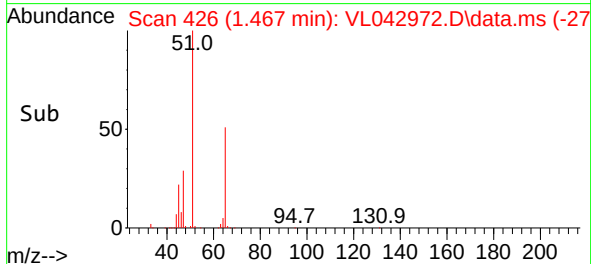
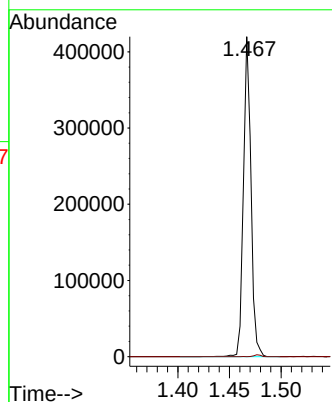
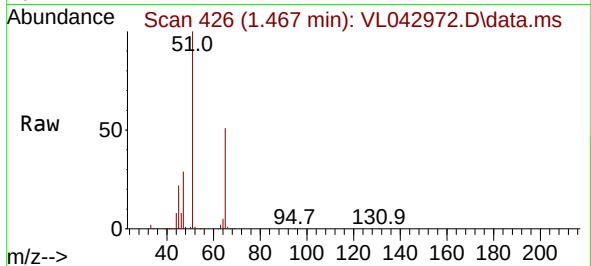




#3  
Chlorodifluoromethane  
Concen: 8.659 ppbv  
RT: 1.467 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VL042972.D  
Acq: 23 Sep 2025 00:00

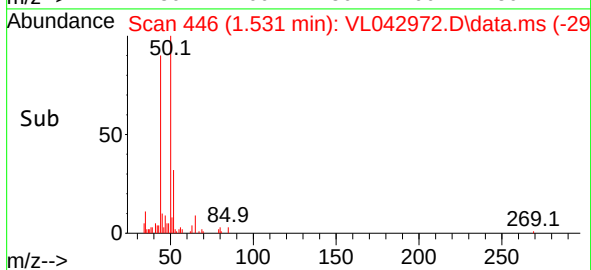
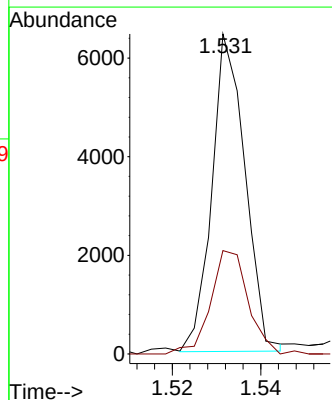
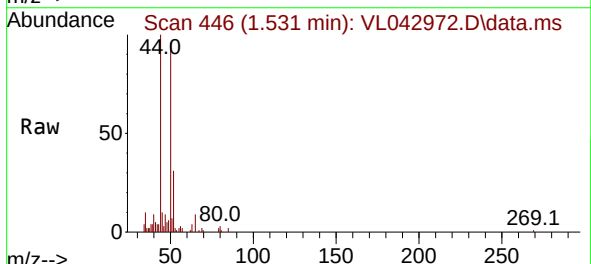
Instrument :  
MSVOA\_1  
ClientSampleId :  
131-1A-1

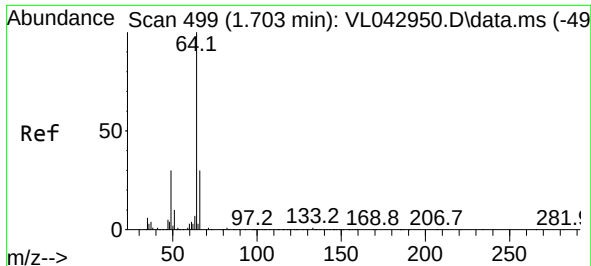
Tgt Ion: 51 Resp: 211851  
Ion Ratio Lower Upper  
51 100  
67 0.6 13.8 20.8#



#4  
Chloromethane  
Concen: 0.378 ppbv  
RT: 1.531 min Scan# 446  
Delta R.T. 0.000 min  
Lab File: VL042972.D  
Acq: 23 Sep 2025 00:00

Tgt Ion: 50 Resp: 3356  
Ion Ratio Lower Upper  
50 100  
52 34.4 25.9 38.9

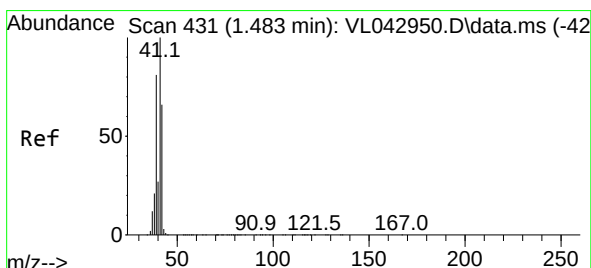
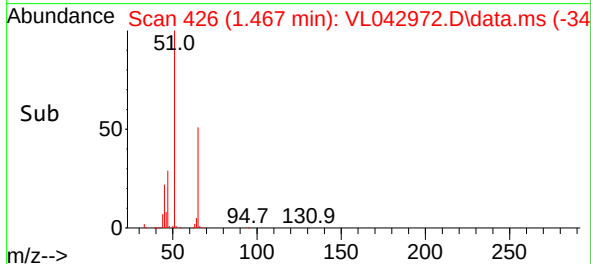
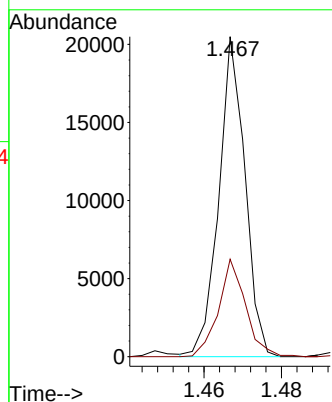
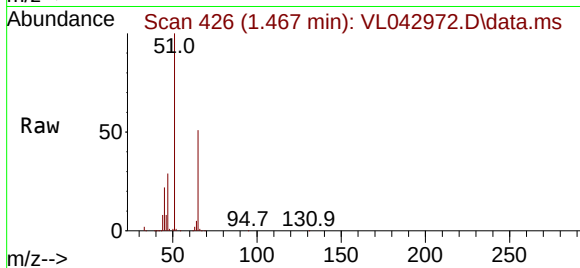




#7  
Chloroethane  
Concen: 3.083 ppbv  
RT: 1.467 min Scan# 41  
Delta R.T. -0.236 min  
Lab File: VL042972.D  
Acq: 23 Sep 2025 00:00

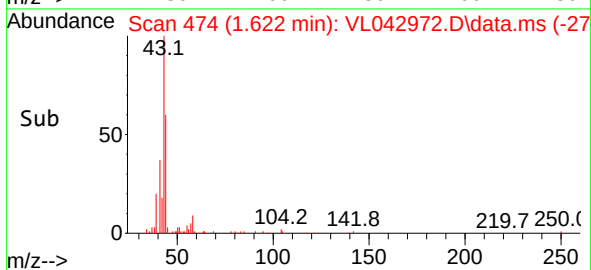
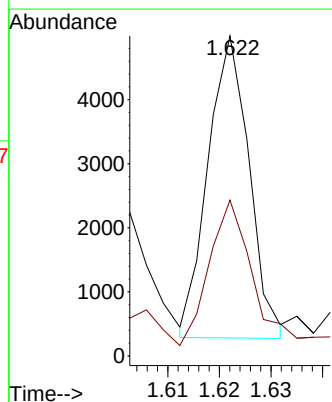
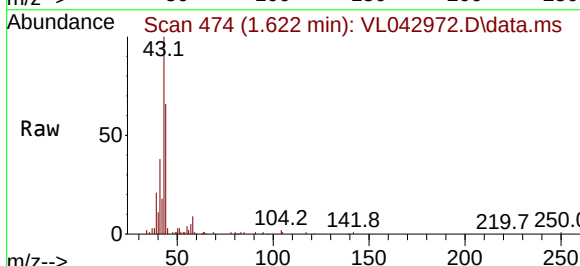
Instrument :  
MSVOA\_1  
ClientSampleId :  
131-1A-1

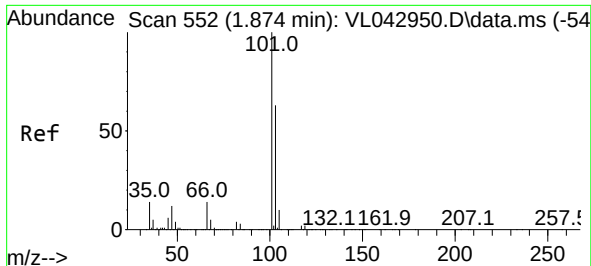
Tgt Ion: 64 Resp: 9617  
Ion Ratio Lower Upper  
64 100  
66 30.4 24.6 36.8



#9  
Propene  
Concen: 0.245 ppbv  
RT: 1.622 min Scan# 474  
Delta R.T. 0.139 min  
Lab File: VL042972.D  
Acq: 23 Sep 2025 00:00

Tgt Ion: 41 Resp: 2604  
Ion Ratio Lower Upper  
41 100  
42 73.0 57.4 86.2

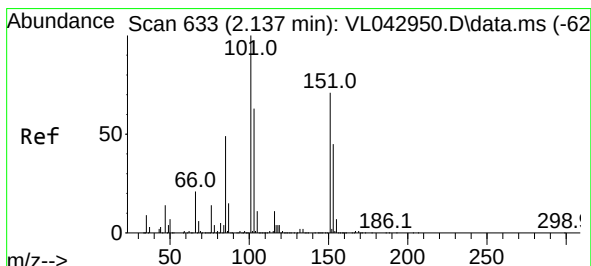
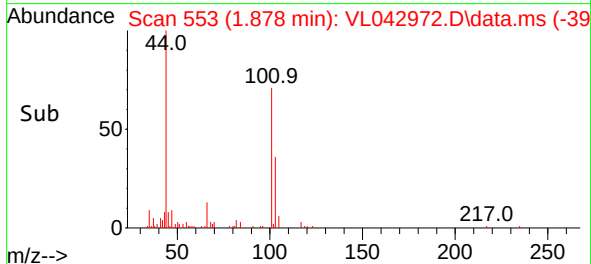
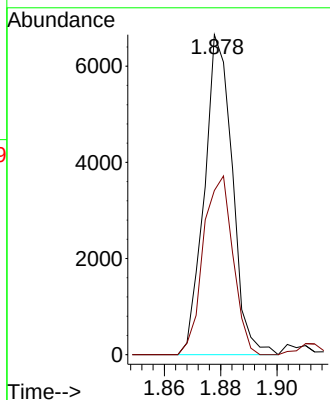
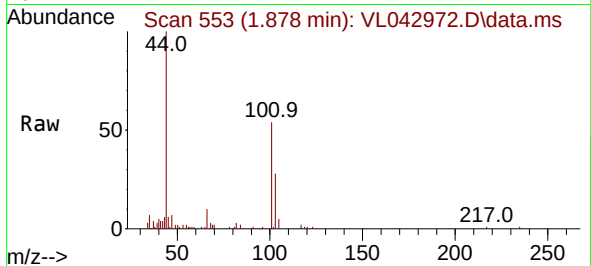




#11  
 Trichlorofluoromethane  
 Concen: 0.243 ppbv  
 RT: 1.878 min Scan# 51  
 Delta R.T. 0.003 min  
 Lab File: VL042972.D  
 Acq: 23 Sep 2025 00:00

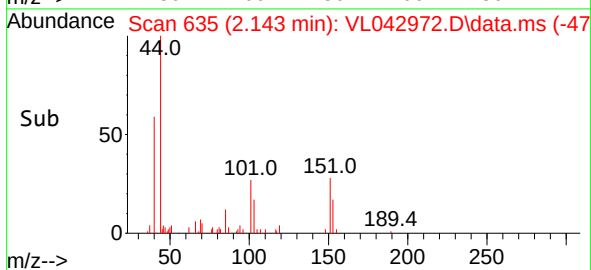
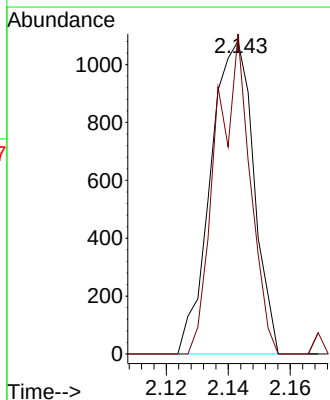
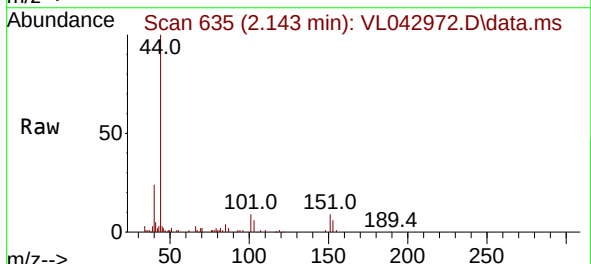
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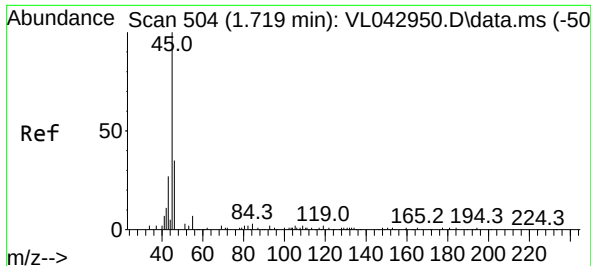
Tgt Ion:101 Resp: 4596  
 Ion Ratio Lower Upper  
 101 100  
 103 51.3 50.1 75.1



#12  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 0.068 ppbv  
 RT: 2.143 min Scan# 635  
 Delta R.T. 0.007 min  
 Lab File: VL042972.D  
 Acq: 23 Sep 2025 00:00

Tgt Ion:101 Resp: 1044  
 Ion Ratio Lower Upper  
 101 100  
 151 82.1 55.7 83.5

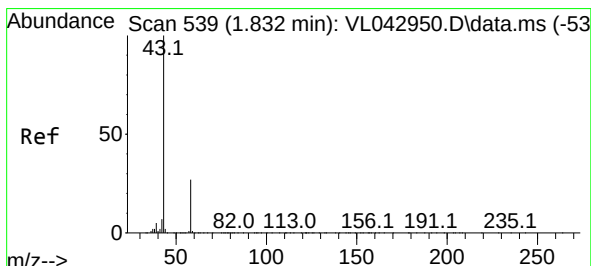
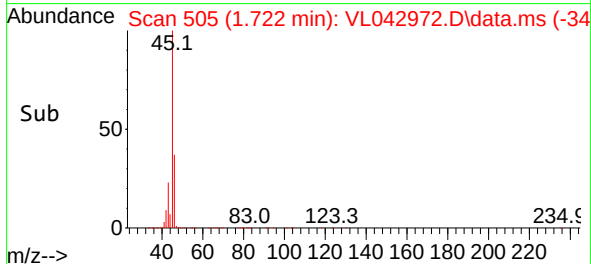
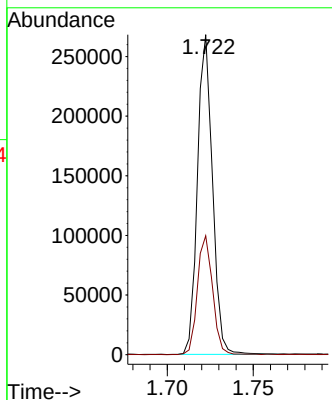
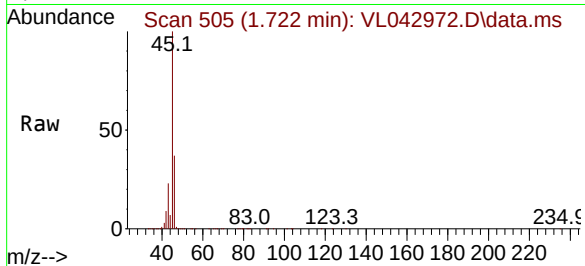




#13  
 Ethanol  
 Concen: 157.804 ppbv  
 RT: 1.722 min Scan# 50  
 Delta R.T. 0.003 min  
 Lab File: VL042972.D  
 Acq: 23 Sep 2025 00:00

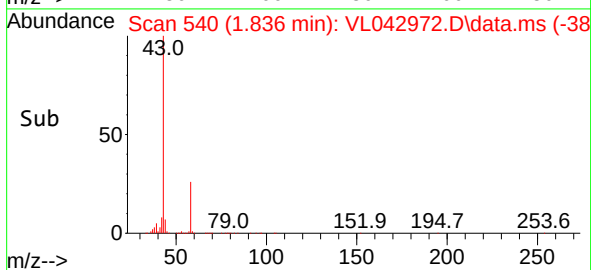
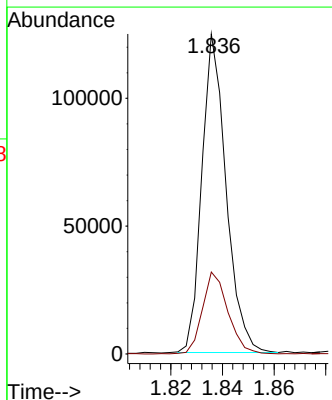
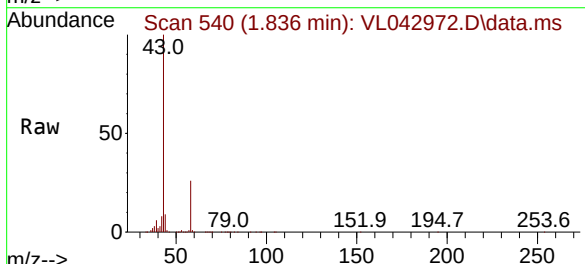
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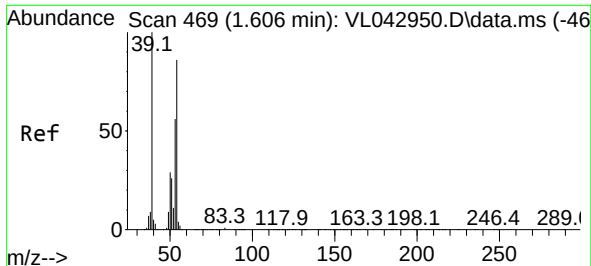
Tgt Ion: 45 Resp: 162942  
 Ion Ratio Lower Upper  
 45 100  
 46 38.1 16.2 64.6



#15  
 Acetone  
 Concen: 4.284 ppbv  
 RT: 1.836 min Scan# 540  
 Delta R.T. 0.003 min  
 Lab File: VL042972.D  
 Acq: 23 Sep 2025 00:00

Tgt Ion: 43 Resp: 81435  
 Ion Ratio Lower Upper  
 43 100  
 58 27.1 22.3 33.5

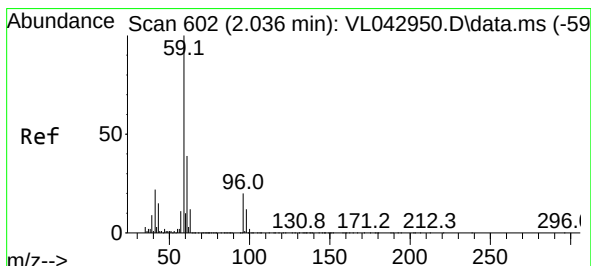
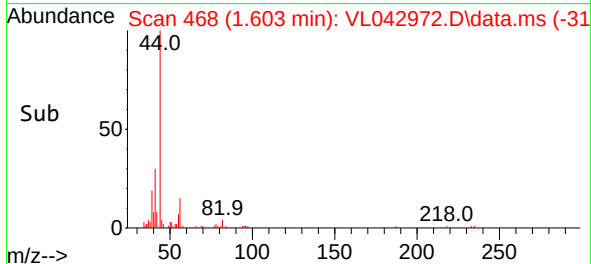
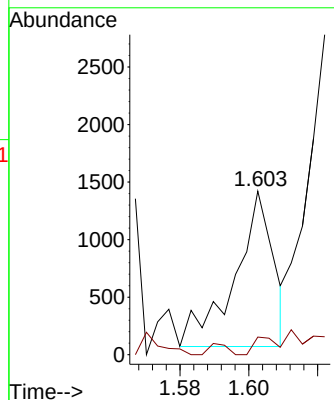
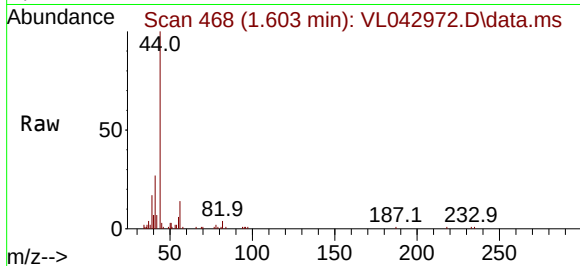




#16  
1,3-Butadiene  
Concen: 0.117 ppbv  
RT: 1.603 min Scan# 41  
Delta R.T. -0.003 min  
Lab File: VL042972.D  
Acq: 23 Sep 2025 00:00

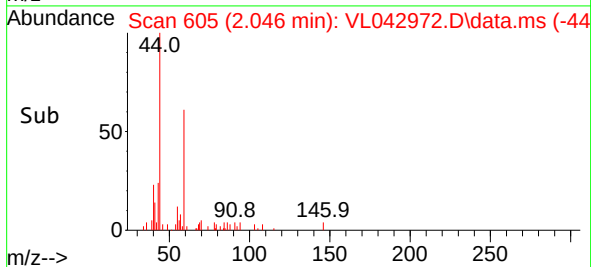
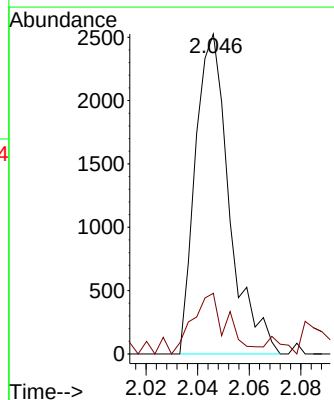
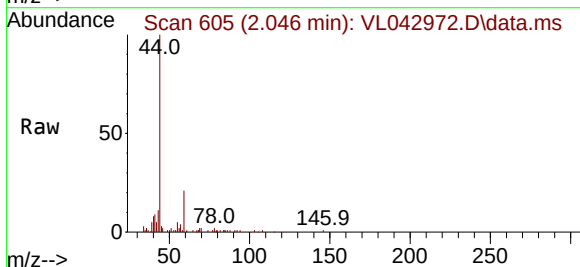
Instrument :  
MSVOA\_L  
ClientSampleId :  
131-1A-1

Tgt Ion: 39 Resp: 1048  
Ion Ratio Lower Upper  
39 100  
54 0.0 60.8 91.2#

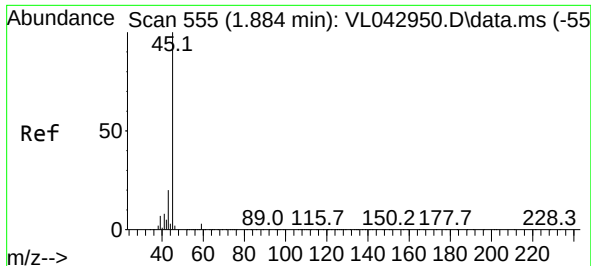


#17  
tert-Butyl alcohol  
Concen: 0.111 ppbv  
RT: 2.046 min Scan# 605  
Delta R.T. 0.010 min  
Lab File: VL042972.D  
Acq: 23 Sep 2025 00:00

Tgt Ion: 59 Resp: 2316  
Ion Ratio Lower Upper  
59 100  
57 22.3 8.6 12.8#



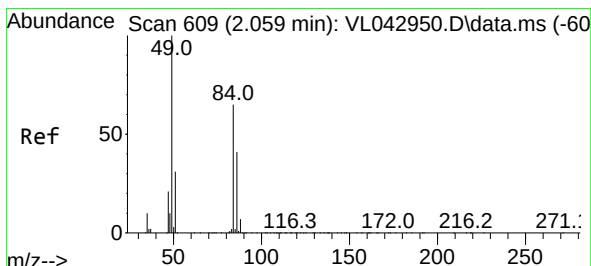
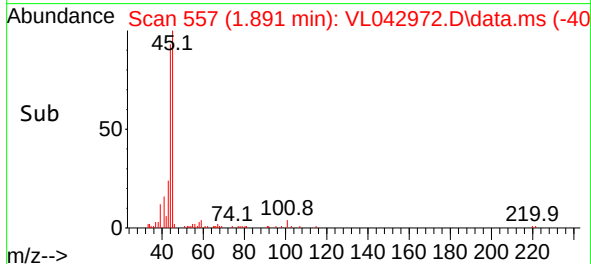
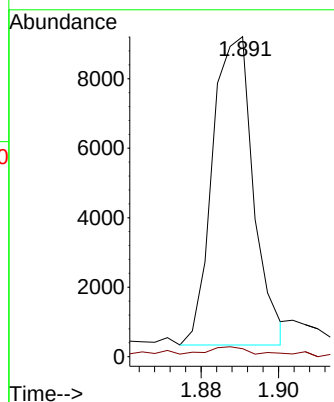
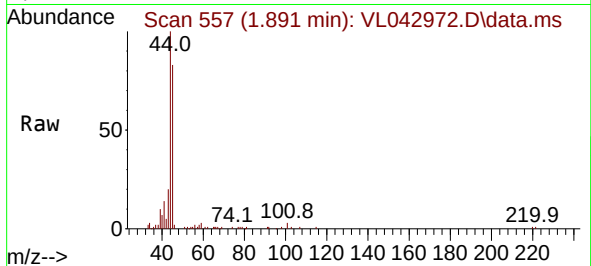




#19  
Isopropyl Alcohol  
Concen: 0.570 ppbv  
RT: 1.891 min Scan# 51  
Delta R.T. 0.007 min  
Lab File: VL042972.D  
Acq: 23 Sep 2025 00:00

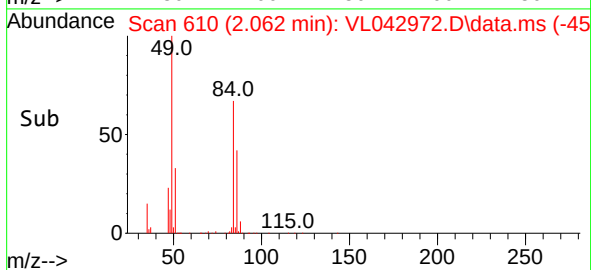
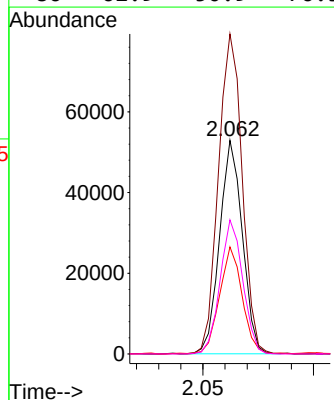
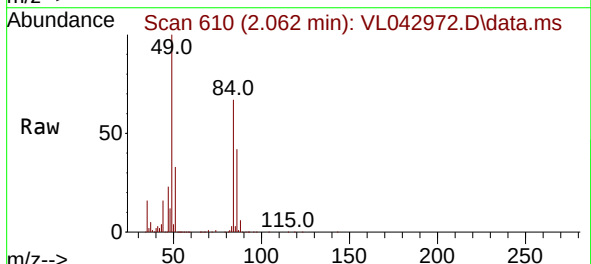
Instrument :  
MSVOA\_L  
ClientSampleId :  
131-1A-1

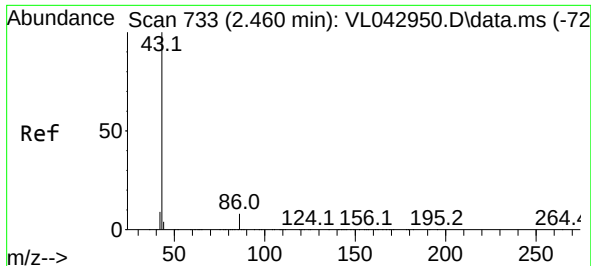
Tgt Ion: 45 Resp: 6519  
Ion Ratio Lower Upper  
45 100  
58 341.3 31.0 46.6#



#20  
Methylene Chloride  
Concen: 6.423 ppbv  
RT: 2.062 min Scan# 610  
Delta R.T. 0.003 min  
Lab File: VL042972.D  
Acq: 23 Sep 2025 00:00

Tgt Ion: 84 Resp: 37760  
Ion Ratio Lower Upper  
84 100  
49 150.0 124.1 186.1  
51 49.8 39.8 59.8  
86 62.9 50.9 76.3

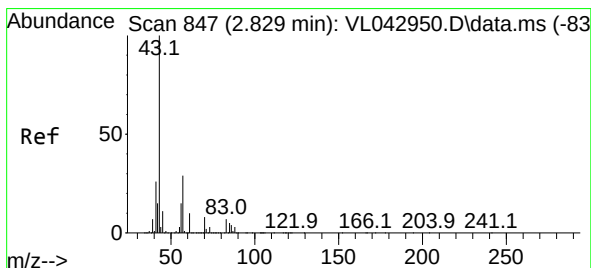
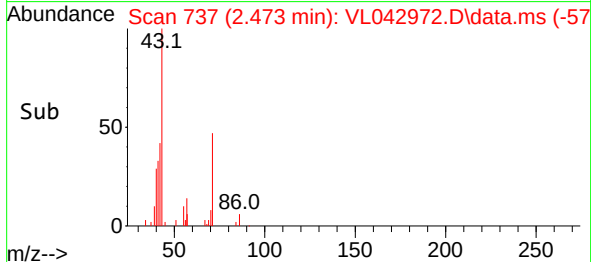
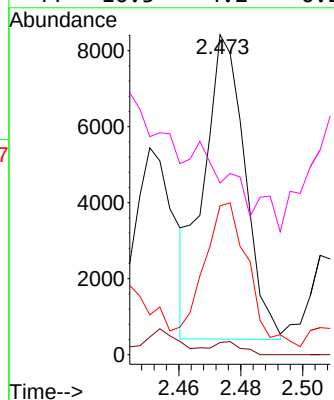
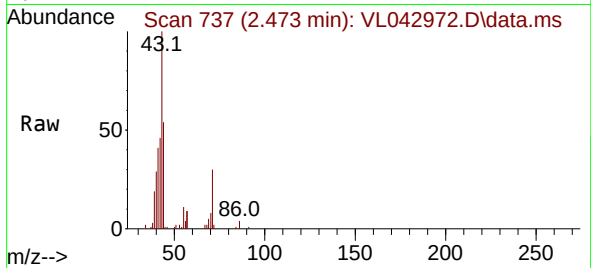




#23  
 Vinyl Acetate  
 Concen: 0.273 ppbv  
 RT: 2.473 min Scan# 71  
 Delta R.T. 0.013 min  
 Lab File: VL042972.D  
 Acq: 23 Sep 2025 00:00

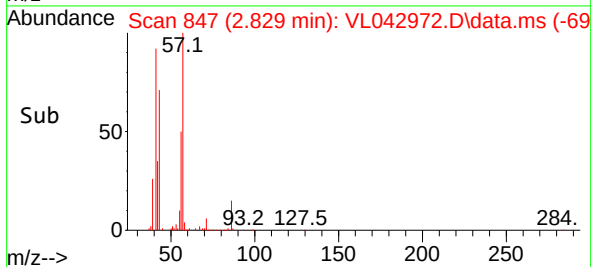
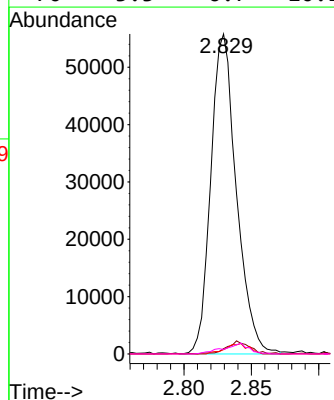
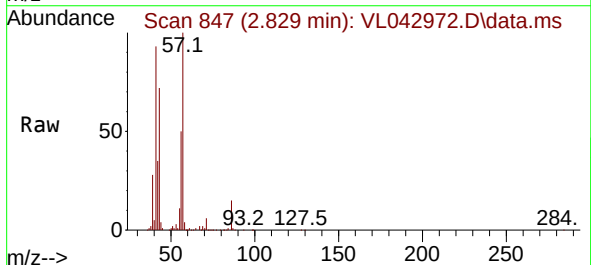
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 ClientSampleId :  
 131-1A-1

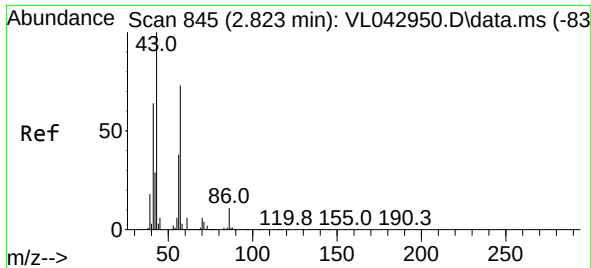
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 7420  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 86       | 4.0   | 6.2   | 9.2#  |
| 42       | 40.5  | 7.4   | 11.0# |
| 44       | 16.3  | 4.2   | 6.2#  |



#25  
 Ethyl Acetate  
 Concen: 1.535 ppbv  
 RT: 2.829 min Scan# 847  
 Delta R.T. 0.000 min  
 Lab File: VL042972.D  
 Acq: 23 Sep 2025 00:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 73739 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 45       | 3.8   | 7.7   | 11.5# |
| 61       | 2.9   | 7.1   | 10.7# |
| 70       | 3.3   | 6.7   | 10.1# |

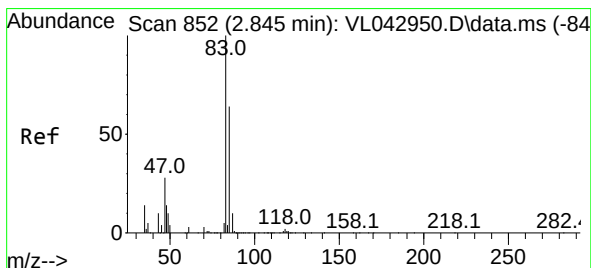
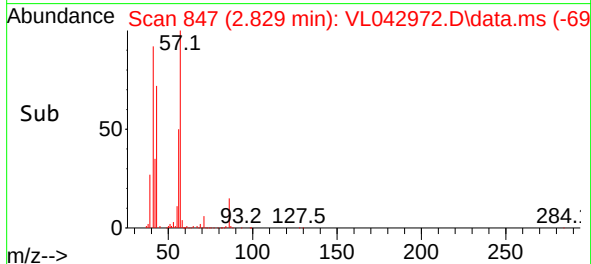
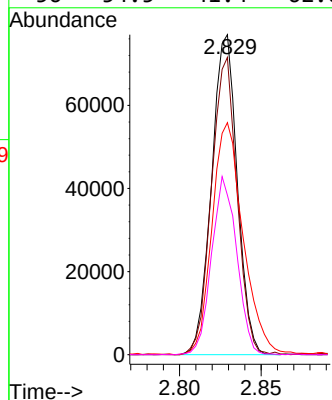
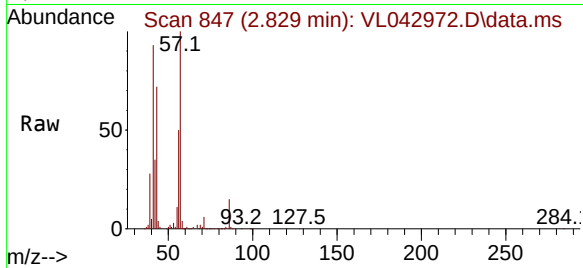




#26  
Hexane  
Concen: 3.858 ppbv  
RT: 2.829 min Scan# 84  
Delta R.T. 0.007 min  
Lab File: VL042972.D  
Acq: 23 Sep 2025 00:00

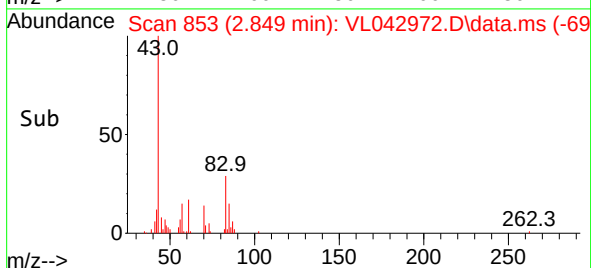
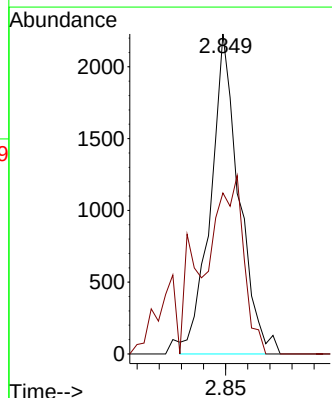
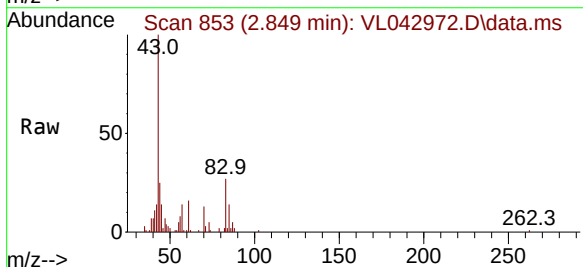
Instrument :  
MSVOA\_L  
ClientSampleId :  
131-1A-1

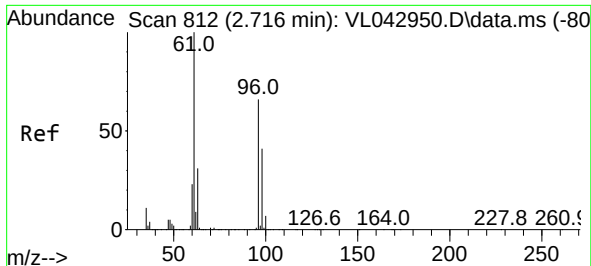
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 57    | Resp: | 84491  |
| Ion      | Ratio | Lower | Upper  |
| 57       | 100   |       |        |
| 41       | 92.5  | 71.7  | 107.5  |
| 43       | 87.5  | 180.8 | 271.2# |
| 56       | 54.5  | 41.4  | 62.0   |



#29  
Chloroform  
Concen: 0.069 ppbv  
RT: 2.849 min Scan# 853  
Delta R.T. 0.003 min  
Lab File: VL042972.D  
Acq: 23 Sep 2025 00:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 1984  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 50.3  | 51.2  | 76.8# |

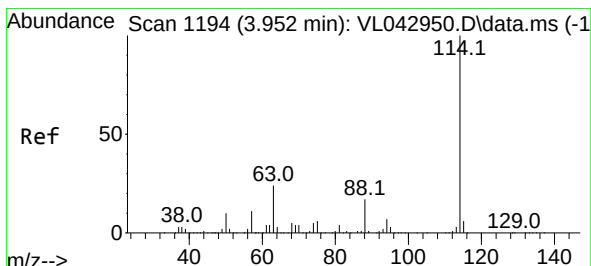
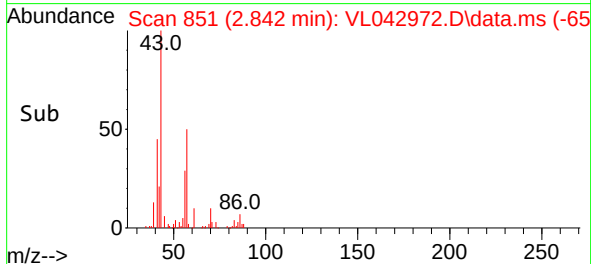
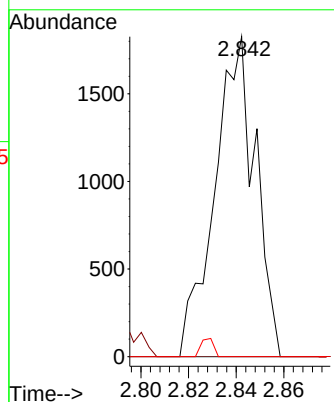
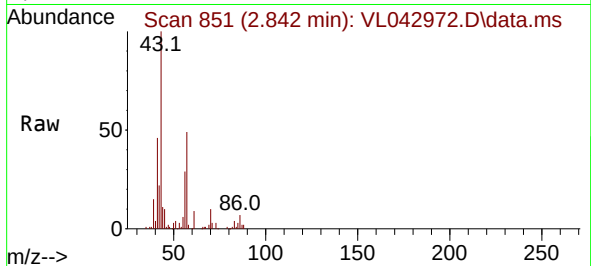




#31  
 cis-1,2-Dichloroethene  
 Concen: 0.106 ppbv  
 RT: 2.842 min Scan# 812  
 Delta R.T. 0.126 min  
 Lab File: VL042972.D  
 Acq: 23 Sep 2025 00:00

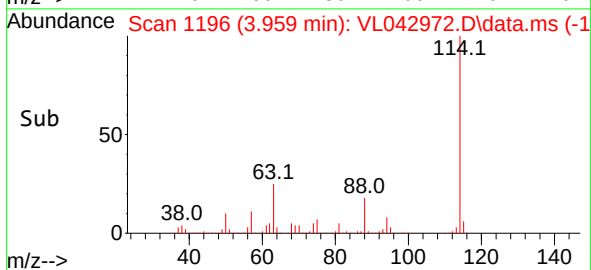
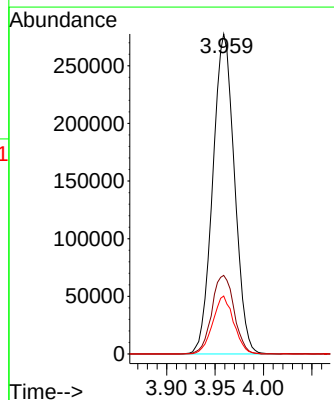
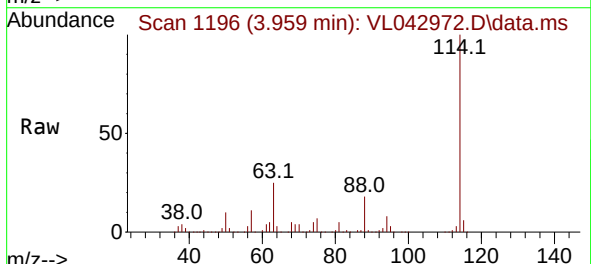
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 131-1A-1

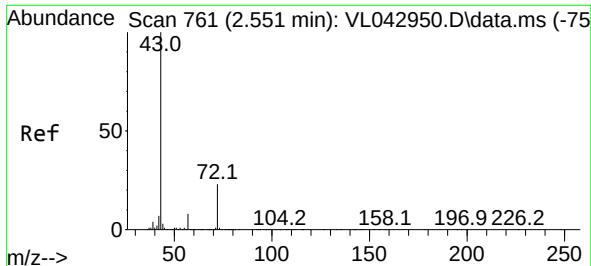
Tgt Ion: 61 Resp: 2172  
 Ion Ratio Lower Upper  
 61 100  
 96 0.0 53.0 79.6#  
 98 0.0 32.9 49.3#



#33  
 1,4-Difluorobenzene  
 Concen: 10.000 ppbv  
 RT: 3.959 min Scan# 1196  
 Delta R.T. 0.007 min  
 Lab File: VL042972.D  
 Acq: 23 Sep 2025 00:00

Tgt Ion: 114 Resp: 431842  
 Ion Ratio Lower Upper  
 114 100  
 63 25.3 19.4 29.2  
 88 17.6 14.2 21.2

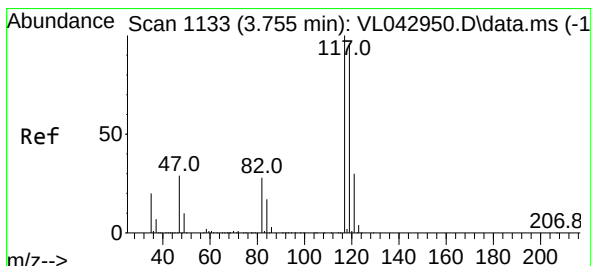
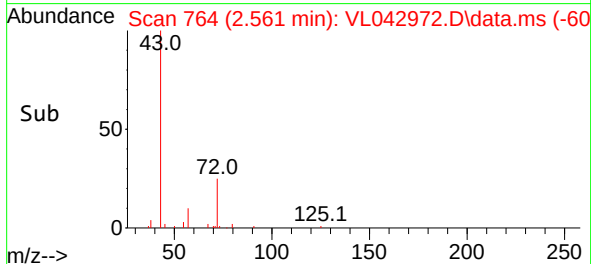
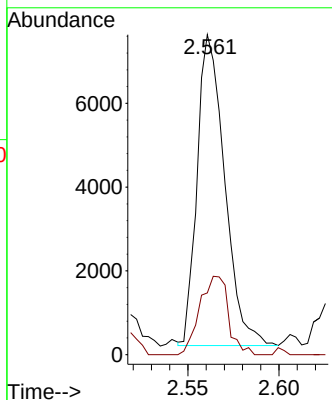
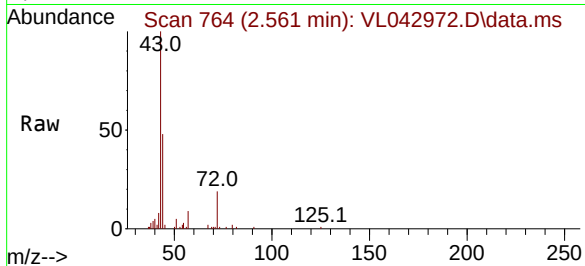




#34  
2-Butanone  
Concen: 0.258 ppbv  
RT: 2.561 min Scan# 71  
Delta R.T. 0.010 min  
Lab File: VL042972.D  
Acq: 23 Sep 2025 00:00

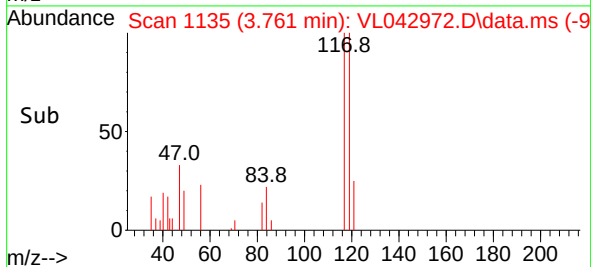
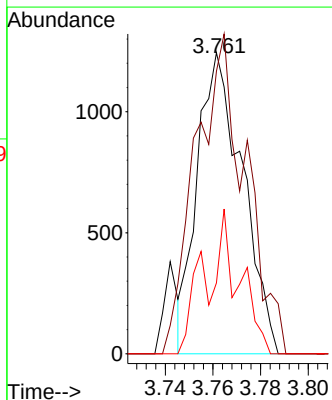
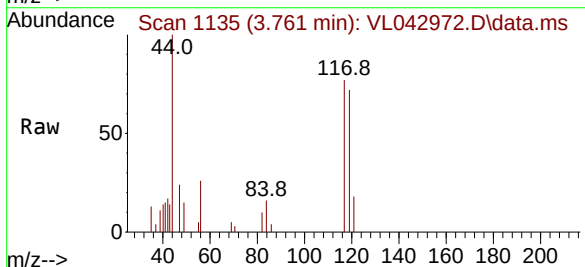
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MSVOA\_1  
ClientSampleId :  
131-1A-1

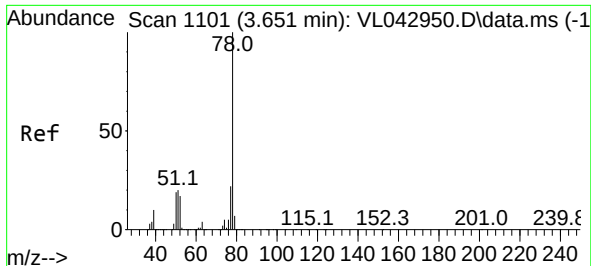
Tgt Ion: 43 Resp: 7799  
Ion Ratio Lower Upper  
43 100  
72 26.2 17.7 26.5



#35  
Carbon Tetrachloride  
Concen: 0.058 ppbv  
RT: 3.761 min Scan# 1135  
Delta R.T. 0.007 min  
Lab File: VL042972.D  
Acq: 23 Sep 2025 00:00

Tgt Ion: 117 Resp: 1636  
Ion Ratio Lower Upper  
117 100  
119 77.2 76.9 115.3  
121 23.6 23.7 35.5#

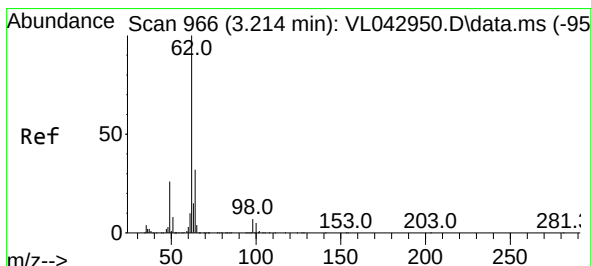
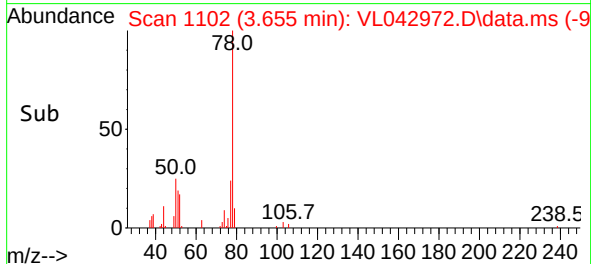
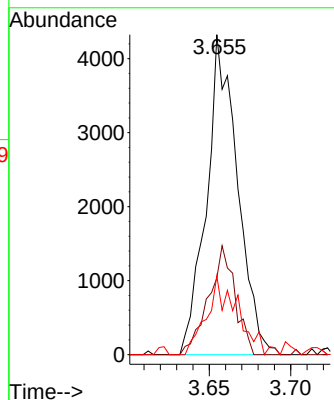
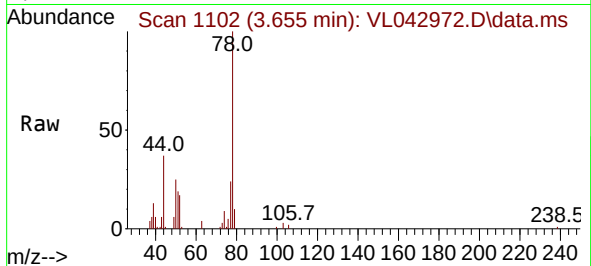




#36  
Benzene  
Concen: 0.141 ppbv  
RT: 3.655 min Scan# 1101  
Delta R.T. 0.003 min  
Lab File: VL042972.D  
Acq: 23 Sep 2025 00:00

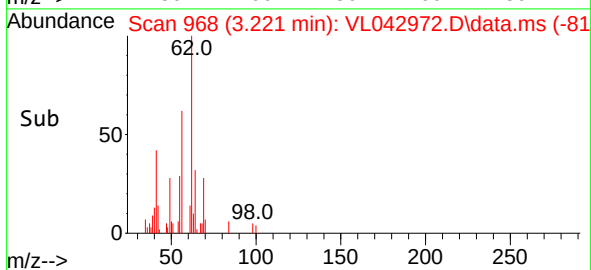
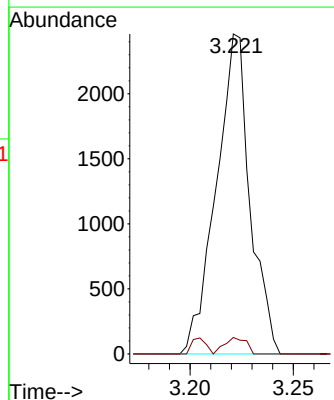
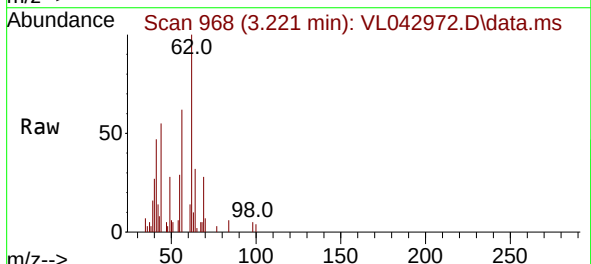
Instrument :  
MSVOA\_L  
ClientSampleId :  
131-1A-1

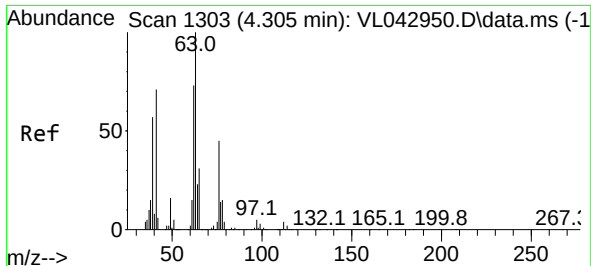
Tgt Ion: 78 Resp: 5706  
Ion Ratio Lower Upper  
78 100  
77 24.0 17.8 26.6  
50 24.6 15.0 22.4#



#37  
1,2-Dichloroethane  
Concen: 0.131 ppbv  
RT: 3.221 min Scan# 968  
Delta R.T. 0.007 min  
Lab File: VL042972.D  
Acq: 23 Sep 2025 00:00

Tgt Ion: 62 Resp: 2796  
Ion Ratio Lower Upper  
62 100  
98 5.4 5.9 8.9#





#39

1,2-Dichloropropane

Concen: 7.368 ppbv

RT: 3.959 min Scan# 1196

Delta R.T. -0.346 min

Lab File: VL042972.D

Acq: 23 Sep 2025 00:00

Instrument :

MSVOA\_L

ClientSampleId :

131-1A-1

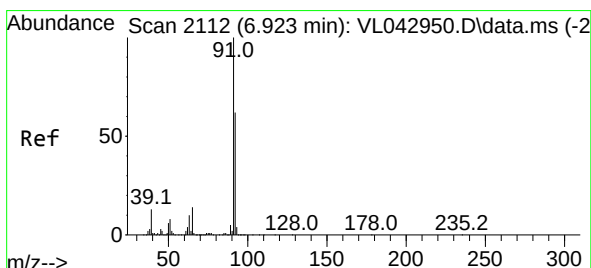
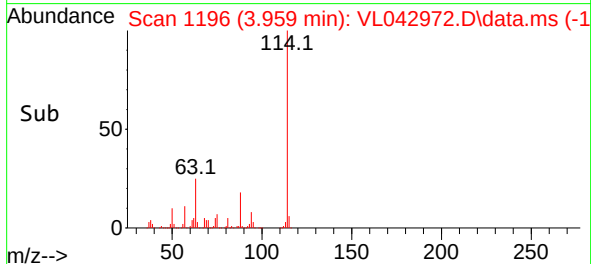
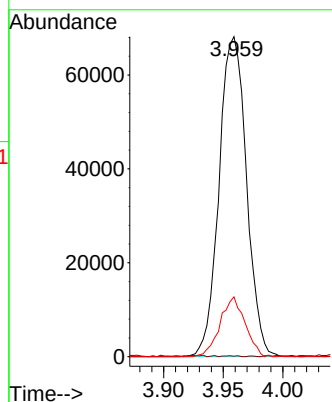
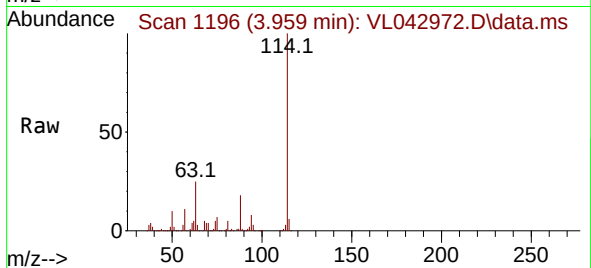
Tgt Ion: 63 Resp: 109077

Ion Ratio Lower Upper

63 100

41 0.0 57.5 86.3#

62 18.7 58.5 87.7#



#53

Toluene

Concen: 0.142 ppbv

RT: 6.937 min Scan# 2116

Delta R.T. 0.013 min

Lab File: VL042972.D

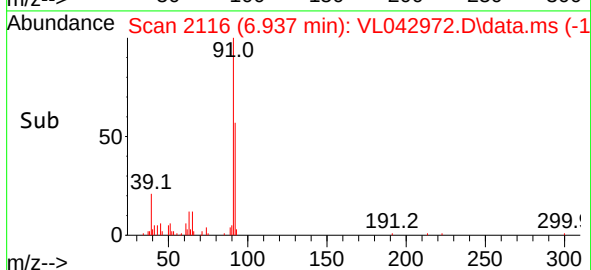
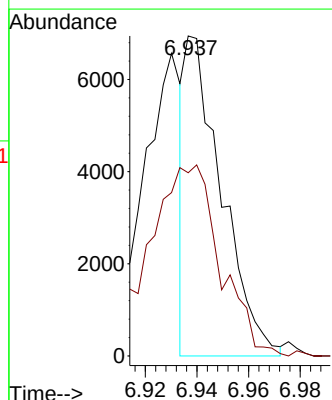
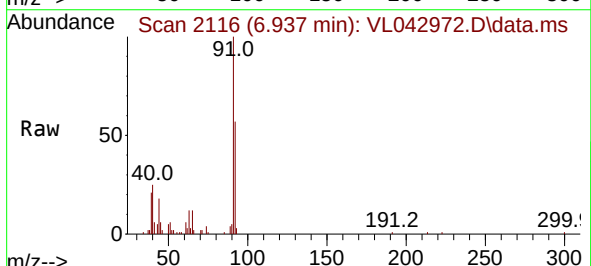
Acq: 23 Sep 2025 00:00

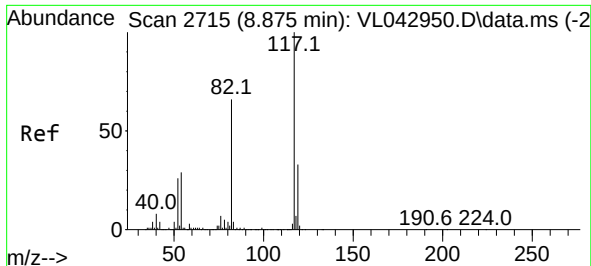
Tgt Ion: 91 Resp: 6800

Ion Ratio Lower Upper

91 100

92 120.5 48.2 72.2#

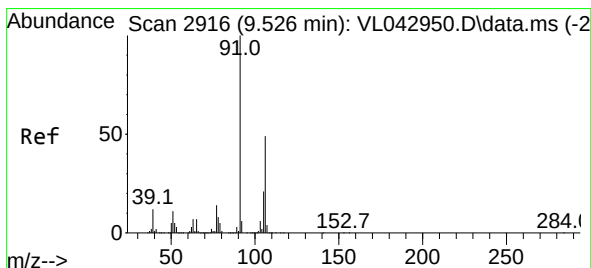
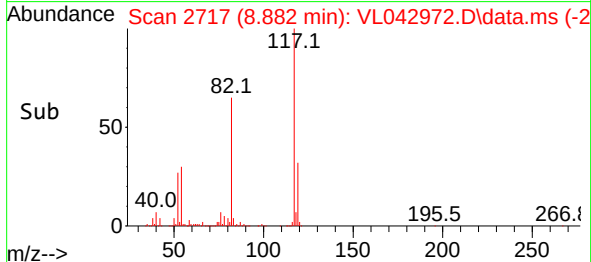
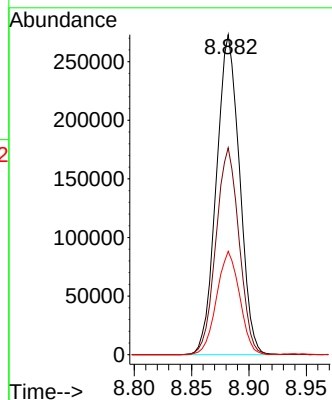
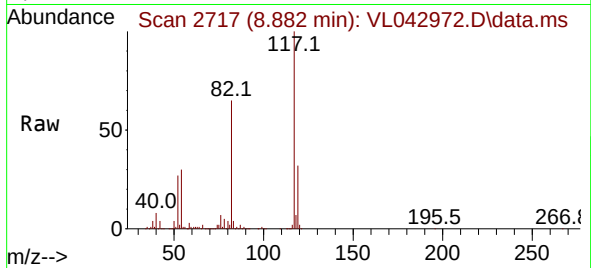




#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 8.882 min Scan# 217  
Delta R.T. 0.007 min  
Lab File: VL042972.D  
Acq: 23 Sep 2025 00:00

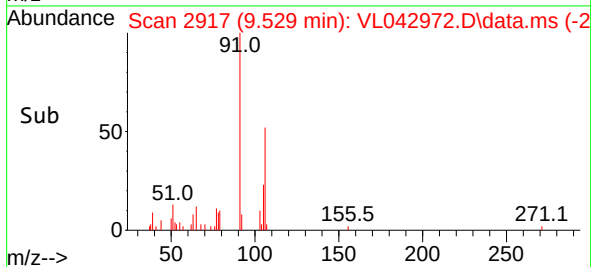
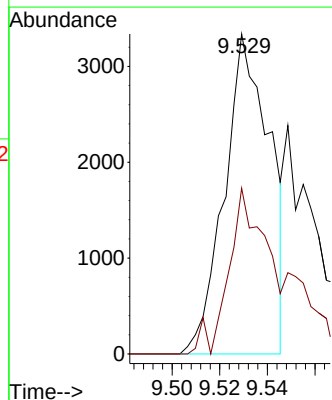
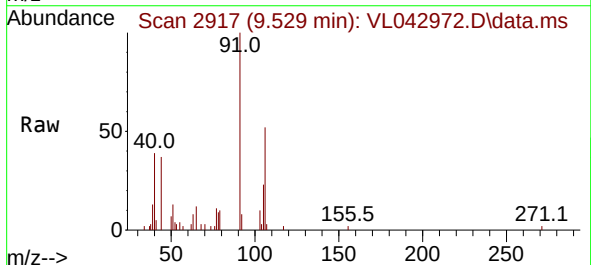
Instrument :  
MSVOA\_L  
ClientSampleId :  
131-1A-1

Tgt Ion:117 Resp: 383750  
Ion Ratio Lower Upper  
117 100  
82 64.6 52.8 79.2  
119 32.2 26.5 39.7

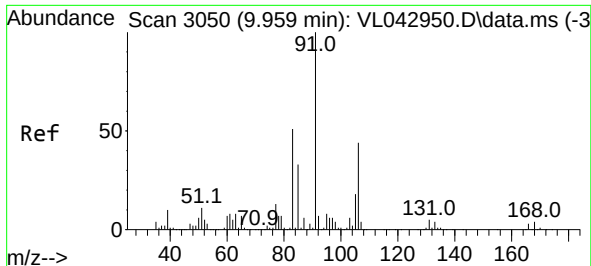


#59  
m/p-Xylene  
Concen: 0.088 ppbv  
RT: 9.529 min Scan# 2917  
Delta R.T. 0.003 min  
Lab File: VL042972.D  
Acq: 23 Sep 2025 00:00

Tgt Ion: 91 Resp: 4389  
Ion Ratio Lower Upper  
91 100  
106 60.4 0.0 0.0#



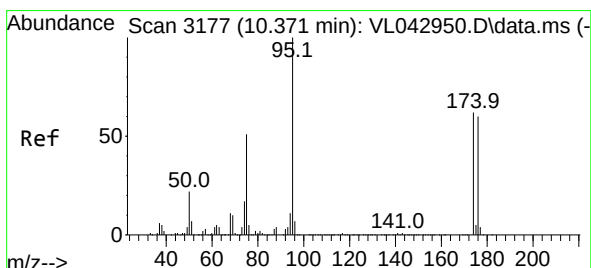
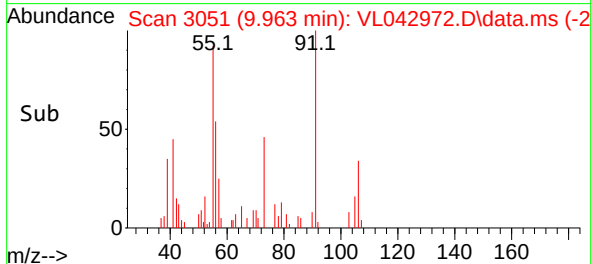
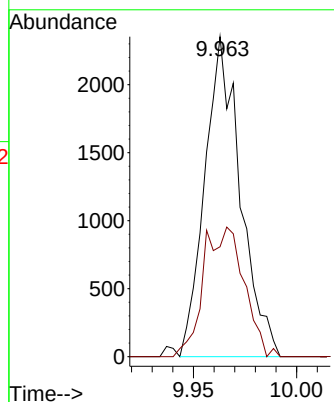
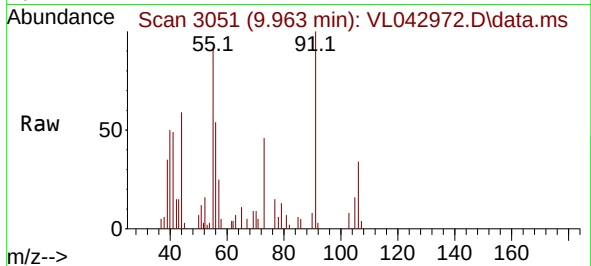




#60  
o-Xylene  
Concen: 0.057 ppbv  
RT: 9.963 min Scan# 3050  
Delta R.T. 0.003 min  
Lab File: VL042972.D  
Acq: 23 Sep 2025 00:00

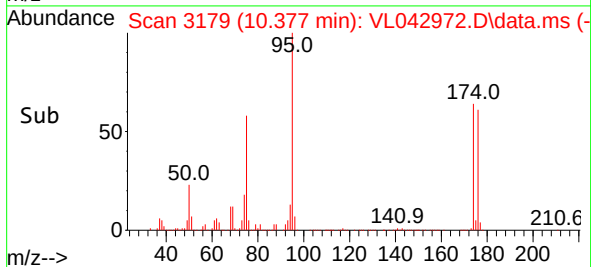
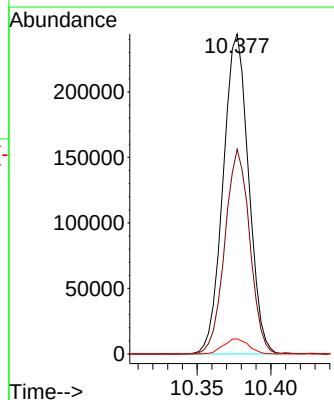
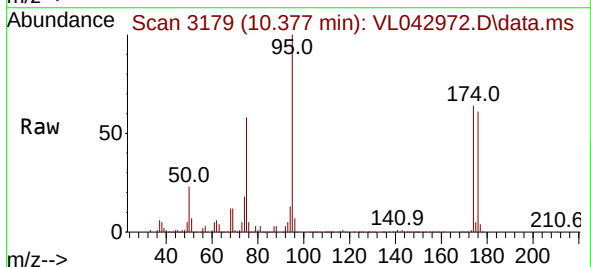
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MSVOA\_L  
ClientSampleId :  
131-1A-1

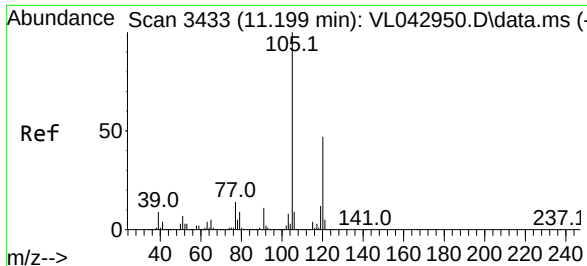
Tgt Ion: 91 Resp: 2816  
Ion Ratio Lower Upper  
91 100  
106 46.2 22.4 67.0



#68  
1-Bromo-4-Fluorobenzene  
Concen: 10.211 ppbv  
RT: 10.377 min Scan# 3179  
Delta R.T. 0.007 min  
Lab File: VL042972.D  
Acq: 23 Sep 2025 00:00

Tgt Ion: 95 Resp: 292508  
Ion Ratio Lower Upper  
95 100  
174 62.6 51.4 77.2  
175 4.7 4.0 6.0

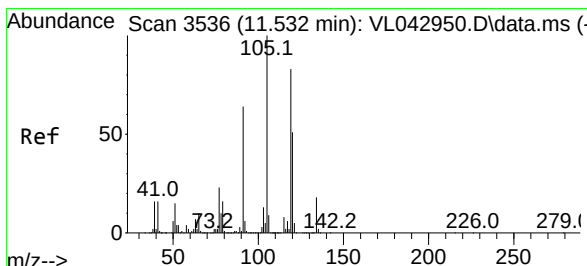
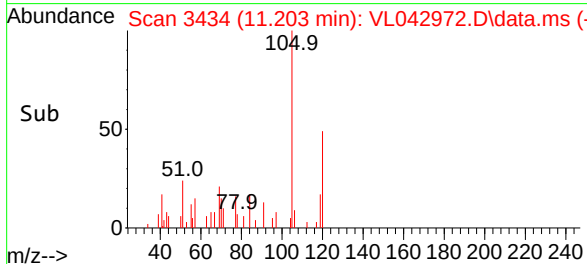
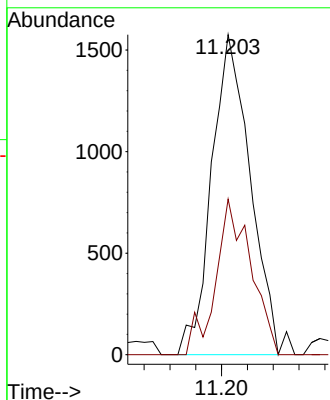
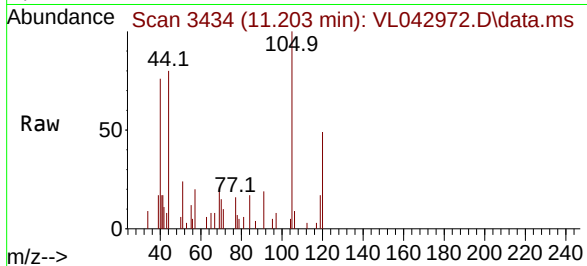




#73  
 1,3,5-Trimethylbenzene  
 Concen: 0.032 ppbv  
 RT: 11.203 min Scan# 3434  
 Delta R.T. 0.003 min  
 Lab File: VL042972.D  
 Acq: 23 Sep 2025 00:00

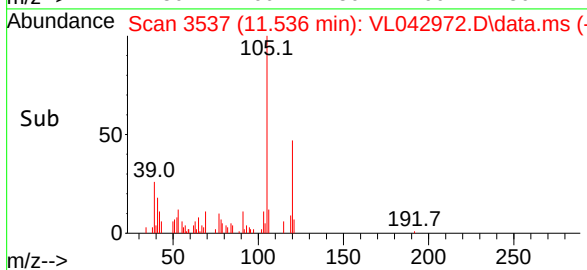
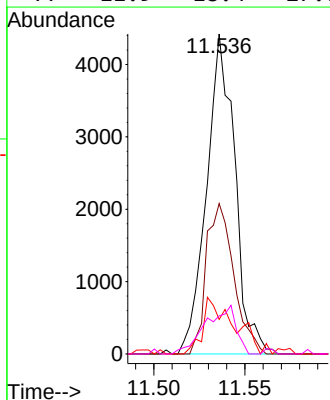
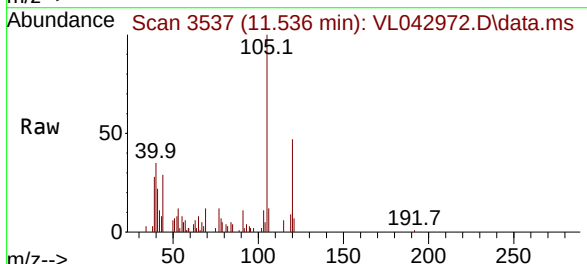
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 131-1A-1

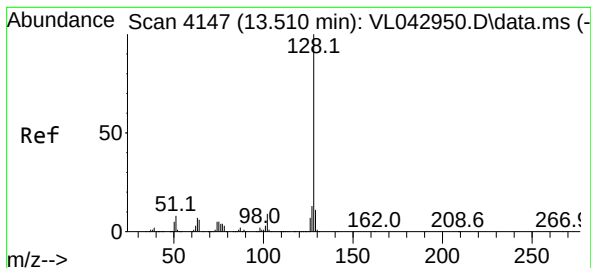
Tgt Ion:105 Resp: 1628  
 Ion Ratio Lower Upper  
 105 100  
 120 48.6 38.0 57.0



#74  
 1,2,4-Trimethylbenzene  
 Concen: 0.086 ppbv  
 RT: 11.536 min Scan# 3537  
 Delta R.T. 0.003 min  
 Lab File: VL042972.D  
 Acq: 23 Sep 2025 00:00

Tgt Ion:105 Resp: 4776  
 Ion Ratio Lower Upper  
 105 100  
 120 47.0 40.9 61.3  
 91 12.4 51.2 76.8#  
 77 11.9 18.4 27.6#





#79

Naphthalene

Concen: 0.080 ppbv

RT: 13.517 min Scan# 4147

Delta R.T. 0.007 min

Lab File: VL042972.D

Acq: 23 Sep 2025 00:00

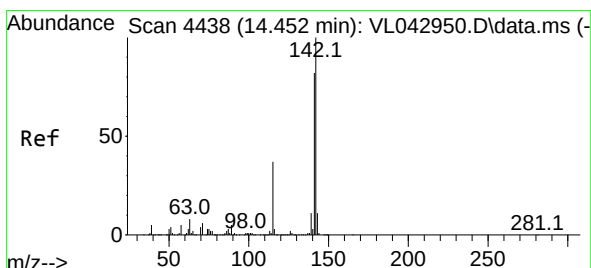
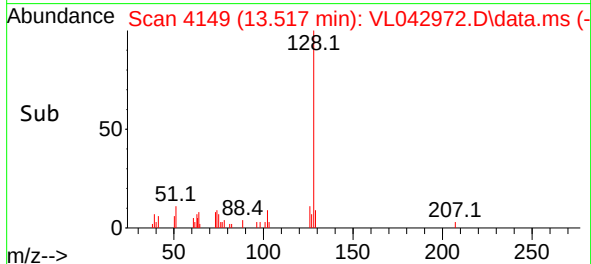
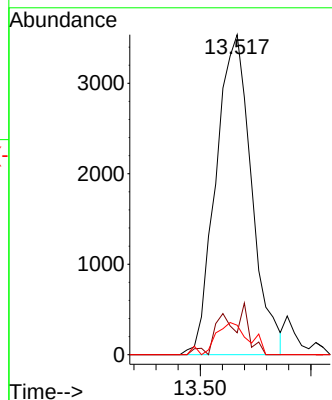
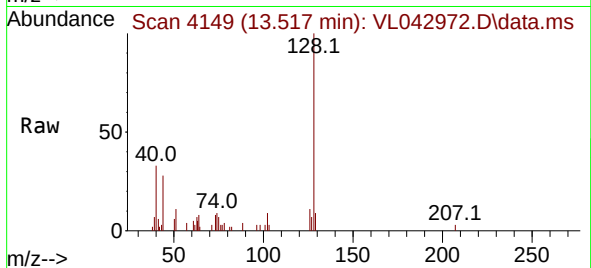
Instrument :

MSVOA\_1

ClientSampleId :

131-1A-1

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 3962  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 6.9   | 10.6  | 15.8# |
| 129      | 9.2   | 9.0   | 13.6  |



#80

Naphthalene, 2-methyl-

Concen: 0.189 ppbv

RT: 14.465 min Scan# 4442

Delta R.T. 0.013 min

Lab File: VL042972.D

Acq: 23 Sep 2025 00:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 2880  |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 141      | 76.3  | 65.1  | 97.7  |
| 115      | 46.7  | 28.9  | 43.3# |

