

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL051225\  
 Data File : VL042525.D  
 Acq On : 12 May 2025 08:57  
 Operator : SY/MD  
 Sample : VSTDICCC010  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VSTDICCC010

Quant Time: May 12 23:45:09 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL051225AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
 QLast Update : Mon May 12 23:42:45 2025  
 Response via : Initial Calibration

| Compound                | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------|-------|------|----------|--------|-------|----------|
| -----                   |       |      |          |        |       |          |
| Internal Standards      |       |      |          |        |       |          |
| 1) Bromochloromethane   | 2.777 | 49   | 115823   | 10.000 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 3.946 | 114  | 341715   | 10.000 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 8.869 | 117  | 299786   | 10.000 | ppbv  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 68) 1-Bromo-4-Fluorobenzene | 10.364 | 95    | 261594   | 10.029   | ppbv | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 100.300% |

| Target Compounds              |       |     |        |        |        | Qvalue |
|-------------------------------|-------|-----|--------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.492 | 85  | 169160 | 8.994  | ppbv   | 100    |
| 3) Chlorodifluoromethane      | 1.470 | 51  | 178822 | 9.329  | ppbv   | 100    |
| 4) Chloromethane              | 1.528 | 50  | 67750  | 8.826  | ppbv   | 100    |
| 5) Vinyl Chloride             | 1.573 | 62  | 64115  | 8.163  | ppbv   | 100    |
| 6) Bromomethane               | 1.661 | 94  | 33766  | 9.053  | ppbv   | 100    |
| 7) Chloroethane               | 1.700 | 64  | 25777  | 8.338  | ppbv   | 100    |
| 8) Dichlorotetrafluoroethane  | 1.548 | 85  | 142870 | 8.828  | ppbv   | 100    |
| 9) Propene                    | 1.476 | 41  | 10300  | 2.474  | ppbv # | 1      |
| 10) Heptane                   | 4.959 | 43  | 171443 | 10.802 | ppbv   | 100    |
| 11) Trichlorofluoromethane    | 1.871 | 101 | 161561 | 8.930  | ppbv   | 100    |
| 12) 1,1,2-Trichlorotrifluo... | 2.130 | 101 | 127743 | 8.791  | ppbv   | 100    |
| 13) Ethanol                   | 1.716 | 45  | 7854   | 6.912  | ppbv   | 100    |
| 14) Bromoethene               | 1.774 | 108 | 47318  | 8.932  | ppbv   | 100    |
| 15) Acetone                   | 1.829 | 43  | 140078 | 7.569  | ppbv   | 100    |
| 16) 1,3-Butadiene             | 1.603 | 39  | 74449  | 8.946  | ppbv   | 100    |
| 17) tert-Butyl alcohol        | 2.033 | 59  | 159013 | 9.298  | ppbv   | 100    |
| 18) 1,1-Dichloroethene        | 2.027 | 96  | 57005  | 8.952  | ppbv   | 100    |
| 19) Isopropyl Alcohol         | 1.881 | 45  | 90090  | 8.961  | ppbv # | 1      |
| 20) Methylene Chloride        | 2.052 | 84  | 49582  | 7.693  | ppbv   | 100    |
| 21) Allyl Chloride            | 2.088 | 41  | 114157 | 9.316  | ppbv   | 100    |
| 22) trans-1,2-Dichloroethene  | 2.331 | 96  | 65183  | 8.750  | ppbv   | 100    |
| 23) Vinyl Acetate             | 2.454 | 43  | 186900 | 9.646  | ppbv   | 100    |
| 24) 1,1-Dichloroethane        | 2.399 | 63  | 131534 | 9.126  | ppbv   | 100    |
| 25) Ethyl Acetate             | 2.826 | 43  | 330659 | 10.175 | ppbv   | 100    |
| 26) Hexane                    | 2.816 | 57  | 140065 | 10.498 | ppbv   | 100    |
| 27) Carbon Disulfide          | 2.143 | 76  | 163053 | 9.467  | ppbv   | 99     |
| 28) Methyl tert-Butyl Ether   | 2.431 | 73  | 69971  | 9.440  | ppbv   | 100    |
| 29) Chloroform                | 2.839 | 83  | 246790 | 8.919  | ppbv   | 100    |
| 30) Cyclohexane               | 3.842 | 84  | 118162 | 10.787 | ppbv   | 100    |
| 31) cis-1,2-Dichloroethene    | 2.709 | 61  | 147467 | 9.788  | ppbv   | 100    |
| 32) 1,1,1-Trichloroethane     | 3.357 | 97  | 260477 | 9.331  | ppbv   | 100    |
| 34) 2-Butanone                | 2.548 | 43  | 204394 | 9.075  | ppbv   | 100    |
| 35) Carbon Tetrachloride      | 3.748 | 117 | 275147 | 8.956  | ppbv   | 100    |
| 36) Benzene                   | 3.642 | 78  | 288357 | 9.522  | ppbv   | 100    |
| 37) 1,2-Dichloroethane        | 3.208 | 62  | 194477 | 9.003  | ppbv   | 100    |
| 38) Trichloroethene           | 4.528 | 130 | 123174 | 9.520  | ppbv   | 100    |
| 39) 1,2-Dichloropropane       | 4.299 | 63  | 105313 | 9.342  | ppbv   | 100    |
| 40) 1,4-Dioxane               | 4.564 | 88  | 46049  | 10.246 | ppbv # | 96     |
| 41) Tetrahydrofuran           | 3.046 | 42  | 105158 | 10.824 | ppbv   | 100    |
| 42) Bromodichloromethane      | 4.473 | 83  | 267225 | 9.286  | ppbv   | 100    |
| 43) Methyl Methacrylate       | 4.862 | 69  | 110028 | 10.879 | ppbv   | 100    |
| 44) 2,2,4-Trimethylpentane    | 4.622 | 57  | 486999 | 10.240 | ppbv   | 100    |
| 45) t-1,3-Dichloropropene     | 6.393 | 75  | 137698 | 10.664 | ppbv   | 100    |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL051225\  
 Data File : VL042525.D  
 Acq On : 12 May 2025 08:57  
 Operator : SY/MD  
 Sample : VSTDICCC010  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VSTDICCC010

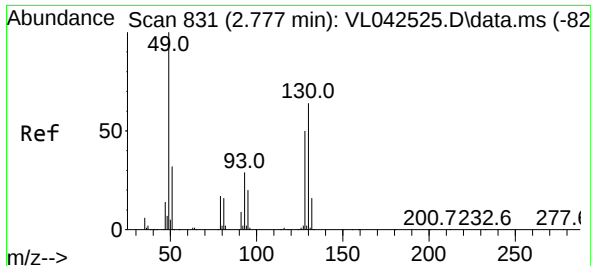
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL051225AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
 QLast Update : Mon May 12 23:42:45 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 46) cis-1,3-Dichloropropene   | 5.580  | 75   | 166227   | 10.673 | ppbv   | 100      |
| 47) 1,1,2-Trichloroethane     | 6.561  | 97   | 119791   | 9.025  | ppbv   | 100      |
| 48) Dibromochloromethane      | 7.373  | 129  | 211079   | 9.517  | ppbv   | 100      |
| 49) Bromoform                 | 9.474  | 173  | 178401   | 9.802  | ppbv   | 100      |
| 50) 4-Methyl-2-Pentanone      | 5.736  | 43   | 136273   | 5.159  | ppbv # | 34       |
| 51) 2-Hexanone                | 7.419  | 43   | 226227   | 11.522 | ppbv   | 100      |
| 52) Tetrachloroethene         | 8.212  | 164  | 107438   | 9.209  | ppbv   | 100      |
| 53) Toluene                   | 6.914  | 91   | 325568   | 10.955 | ppbv   | 100      |
| 54) 1,2-Dibromoethane         | 7.636  | 107  | 182336   | 9.400  | ppbv   | 100      |
| 56) 1,1,1,2-Tetrachloroethane | 8.914  | 131  | 165589   | 8.909  | ppbv   | 99       |
| 57) Chlorobenzene             | 8.911  | 112  | 273225   | 9.077  | ppbv   | 100      |
| 58) Ethyl Benzene             | 9.345  | 91   | 468520   | 11.466 | ppbv   | 100      |
| 59) m/p-Xylene                | 9.539  | 91   | 406543   | 11.184 | ppbv # | 100      |
| 60) o-Xylene                  | 9.953  | 91   | 399046   | 11.266 | ppbv   | 100      |
| 61) Styrene                   | 9.859  | 104  | 152478   | 11.686 | ppbv   | 100      |
| 62) Isopropylbenzene          | 10.529 | 105  | 579443   | 10.856 | ppbv   | 100      |
| 63) 1,1,2,2-Tetrachloroethane | 9.953  | 83   | 246197   | 8.666  | ppbv   | 100      |
| 64) n-propylbenzene           | 10.979 | 120  | 151897   | 11.231 | ppbv   | 100      |
| 65) tert-Butylbenzene         | 11.523 | 119  | 533457   | 10.884 | ppbv   | 100      |
| 66) Benzyl Chloride           | 11.607 | 91   | 66999    | 10.331 | ppbv   | 100      |
| 67) sec-Butylbenzene          | 11.759 | 105  | 743905   | 10.586 | ppbv   | 100      |
| 69) p-Isopropyltoluene        | 11.918 | 119  | 644903   | 11.163 | ppbv   | 100      |
| 70) n-Butylbenzene            | 12.274 | 91   | 640472   | 11.219 | ppbv   | 100      |
| 71) 2-Chlorotoluene           | 10.892 | 91   | 446467   | 11.047 | ppbv   | 100      |
| 72) 4-Ethyltoluene            | 11.118 | 105  | 496120   | 11.285 | ppbv   | 100      |
| 73) 1,3,5-Trimethylbenzene    | 11.196 | 105  | 424133   | 11.076 | ppbv   | 100      |
| 74) 1,2,4-Trimethylbenzene    | 11.529 | 105  | 485862   | 10.313 | ppbv   | 100      |
| 75) 1,3-Dichlorobenzene       | 11.601 | 146  | 285664   | 9.681  | ppbv   | 100      |
| 76) 1,4-Dichlorobenzene       | 11.662 | 146  | 278935   | 9.936  | ppbv   | 100      |
| 77) 1,2-Dichlorobenzene       | 11.940 | 146  | 273570   | 8.976  | ppbv   | 100      |
| 78) Hexachloro-1,3-Butadiene  | 13.876 | 225  | 219741   | 8.408  | ppbv   | 100      |
| 79) Naphthalene               | 13.507 | 128  | 411831   | 12.661 | ppbv   | 100      |
| 80) Naphthalene,2-methyl-     | 14.452 | 142  | 232576   | 12.289 | ppbv   | 100      |
| 81) 1,2,4-Trichlorobenzene    | 13.432 | 180  | 217565   | 10.955 | ppbv   | 100      |

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

Quant Time: May 12 23:45:09 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL051225AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_LFri Aug 26 06:05:16 2022  
QLast Update : Mon May 12 23:42:45 2025  
Response via : Initial Calibration

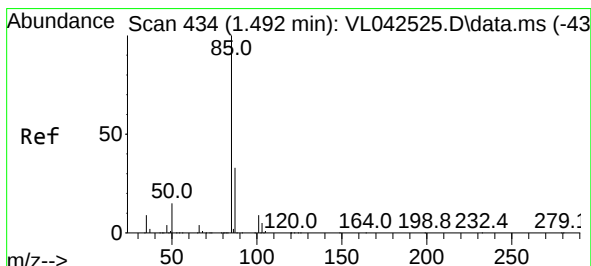
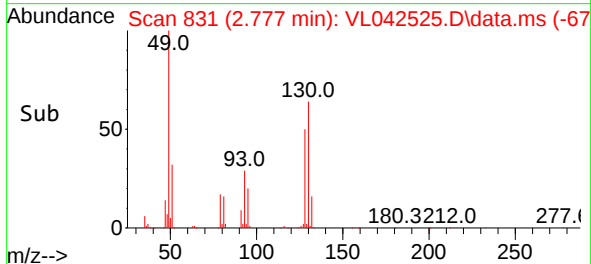
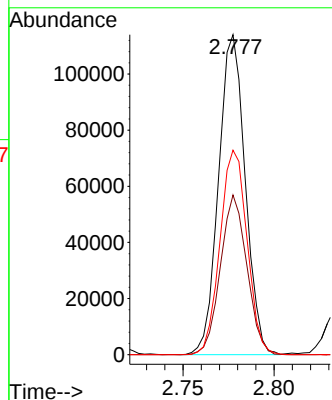
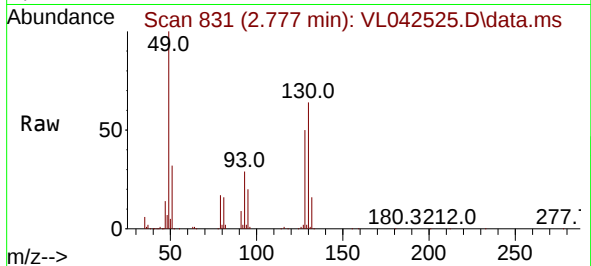




#1  
Bromochloromethane  
Concen: 10.000 ppbv  
RT: 2.777 min Scan# 831  
Delta R.T. 0.000 min  
Lab File: VL042525.D  
Acq: 12 May 2025 08:57

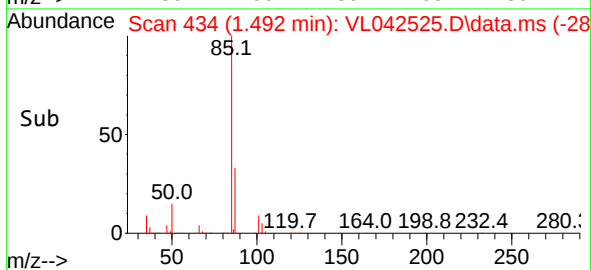
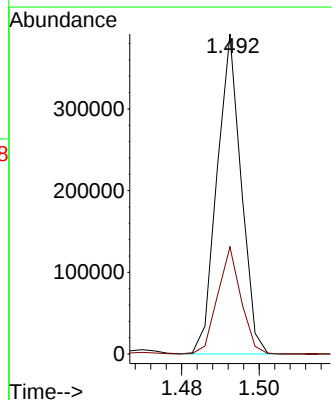
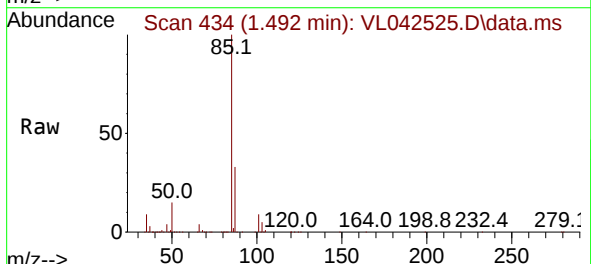
Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDICCC010

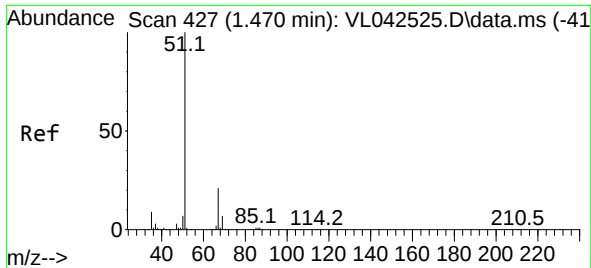
Tgt Ion: 49 Resp: 115823  
Ion Ratio Lower Upper  
49 100  
128 49.7 24.9 74.6  
130 65.0 32.5 97.5



#2  
Dichlorodifluoromethane  
Concen: 8.994 ppbv  
RT: 1.492 min Scan# 434  
Delta R.T. 0.000 min  
Lab File: VL042525.D  
Acq: 12 May 2025 08:57

Tgt Ion: 85 Resp: 169160  
Ion Ratio Lower Upper  
85 100  
87 33.5 26.8 40.2

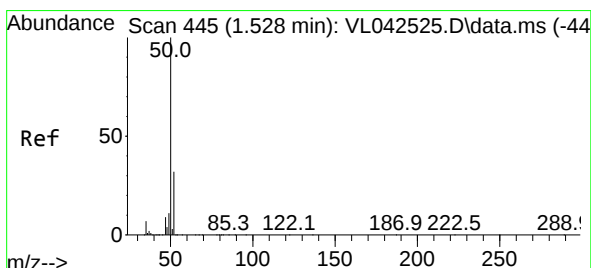
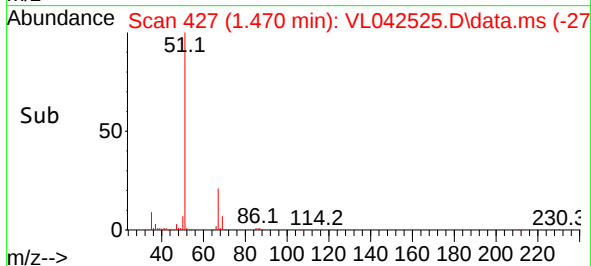
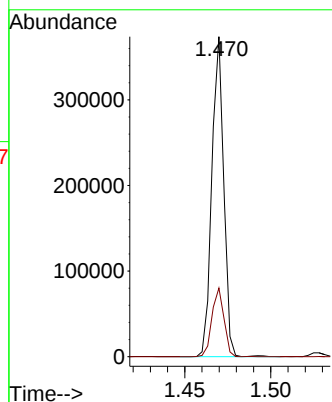
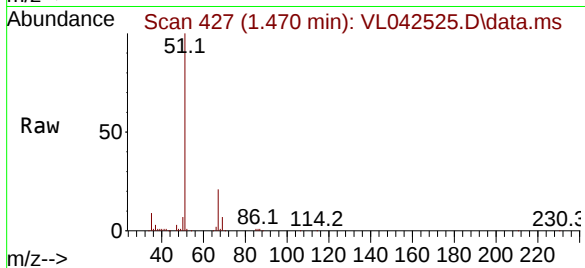




#3  
Chlorodifluoromethane  
Concen: 9.329 ppbv  
RT: 1.470 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VL042525.D  
Acq: 12 May 2025 08:57

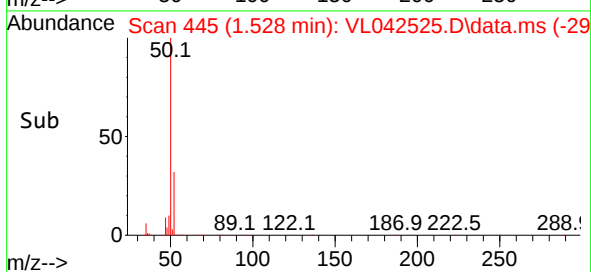
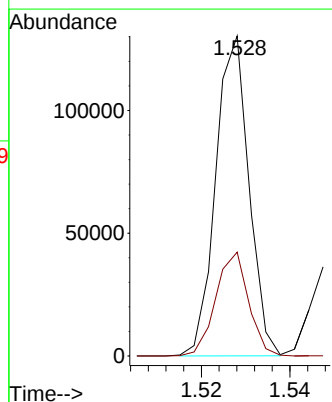
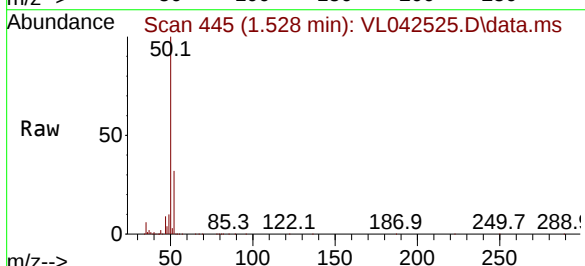
Instrument :  
MSVOA\_1  
ClientSampleId :  
VSTDICCC010

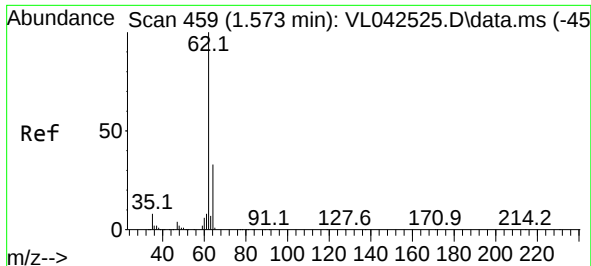
Tgt Ion: 51 Resp: 178822  
Ion Ratio Lower Upper  
51 100  
67 21.7 17.4 26.0



#4  
Chloromethane  
Concen: 8.826 ppbv  
RT: 1.528 min Scan# 445  
Delta R.T. 0.000 min  
Lab File: VL042525.D  
Acq: 12 May 2025 08:57

Tgt Ion: 50 Resp: 67750  
Ion Ratio Lower Upper  
50 100  
52 32.4 25.9 38.9

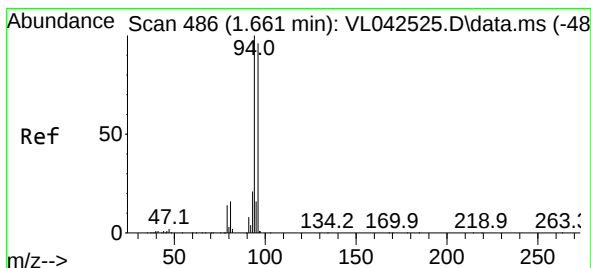
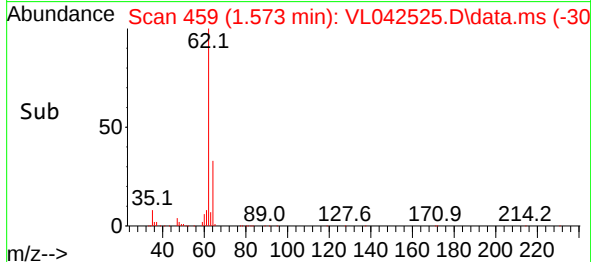
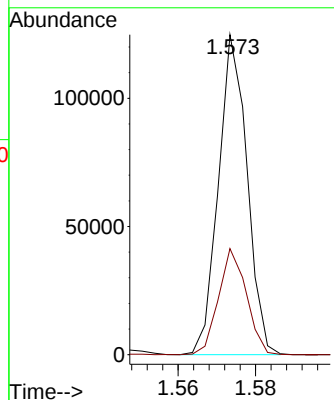
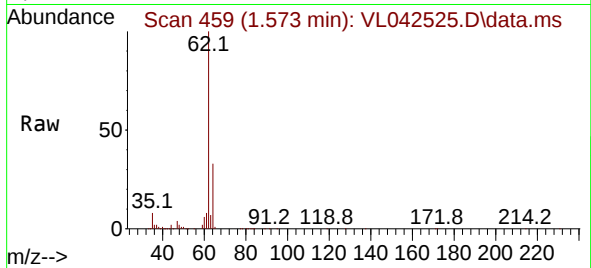




#5  
 Vinyl Chloride  
 Concen: 8.163 ppbv  
 RT: 1.573 min Scan# 459  
 Delta R.T. 0.000 min  
 Lab File: VL042525.D  
 Acq: 12 May 2025 08:57

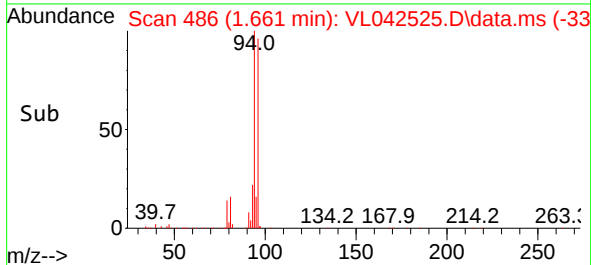
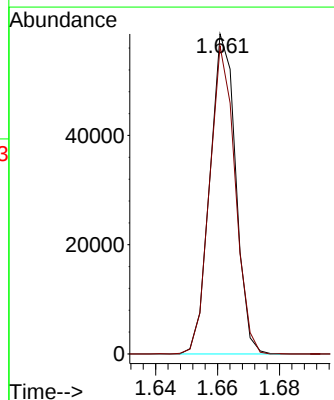
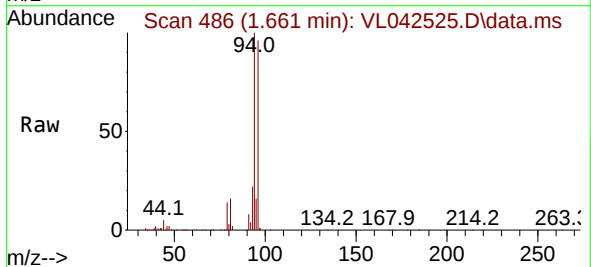
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VSTDICCC010

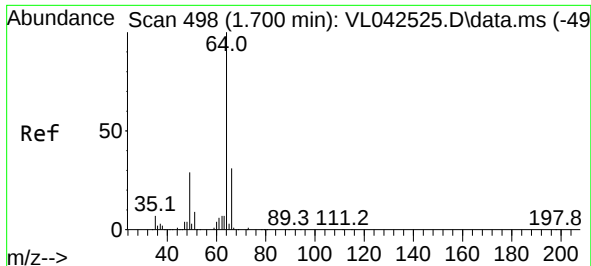
Tgt Ion: 62 Resp: 64115  
 Ion Ratio Lower Upper  
 62 100  
 64 33.1 26.5 39.7



#6  
 Bromomethane  
 Concen: 9.053 ppbv  
 RT: 1.661 min Scan# 486  
 Delta R.T. 0.000 min  
 Lab File: VL042525.D  
 Acq: 12 May 2025 08:57

Tgt Ion: 94 Resp: 33766  
 Ion Ratio Lower Upper  
 94 100  
 96 96.1 76.9 115.3

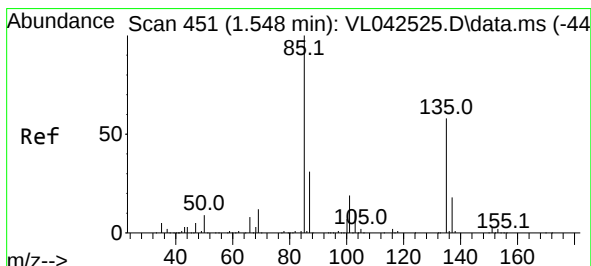
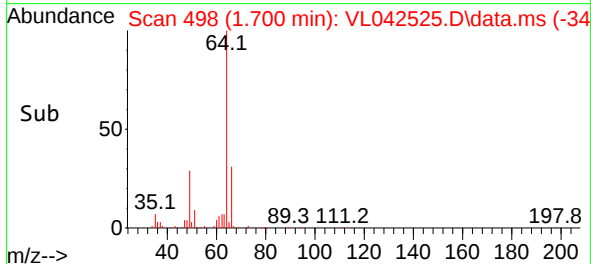
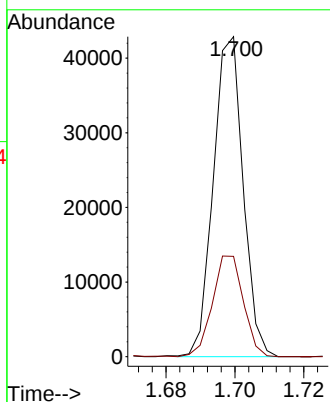
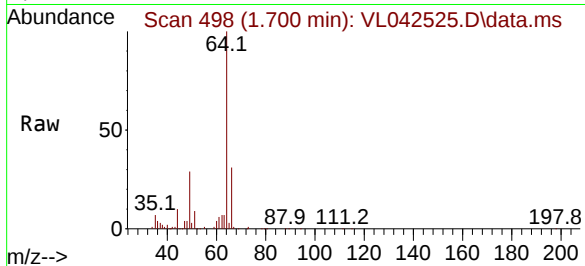




#7  
Chloroethane  
Concen: 8.338 ppbv  
RT: 1.700 min Scan# 498  
Delta R.T. 0.000 min  
Lab File: VL042525.D  
Acq: 12 May 2025 08:57

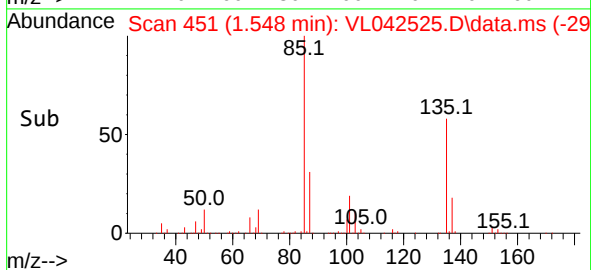
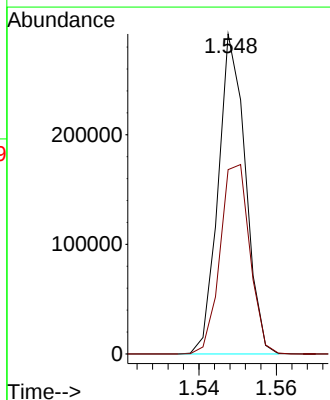
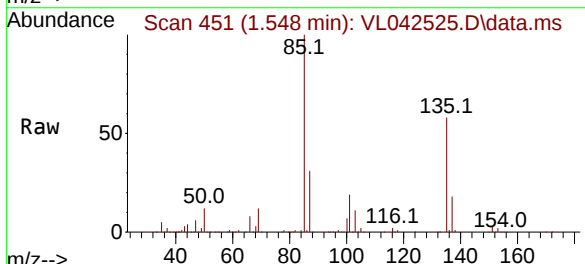
Instrument :  
MSVOA\_1  
ClientSampleId :  
VSTDICCC010

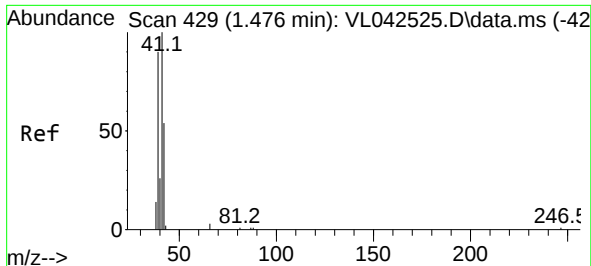
Tgt Ion: 64 Resp: 25777  
Ion Ratio Lower Upper  
64 100  
66 31.4 25.1 37.7



#8  
Dichlorotetrafluoroethane  
Concen: 8.828 ppbv  
RT: 1.548 min Scan# 451  
Delta R.T. 0.000 min  
Lab File: VL042525.D  
Acq: 12 May 2025 08:57

Tgt Ion: 85 Resp: 142870  
Ion Ratio Lower Upper  
85 100  
135 64.8 51.8 77.8





#9

Propene

Concen: 2.474 ppbv

RT: 1.476 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042525.D

Acq: 12 May 2025 08:57

Instrument :

MSVOA\_L

ClientSampleId :

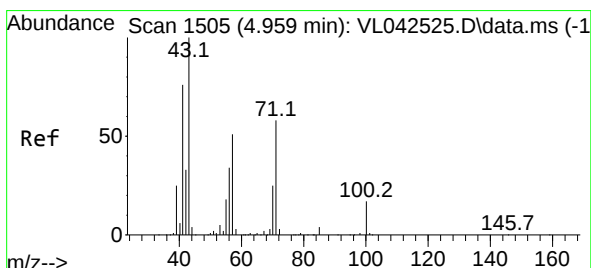
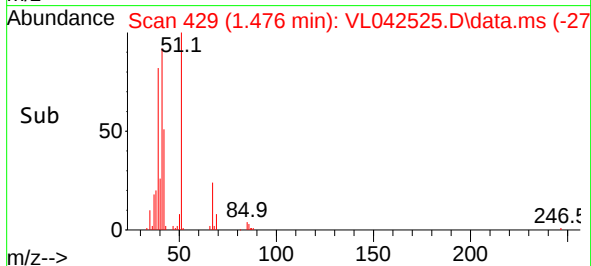
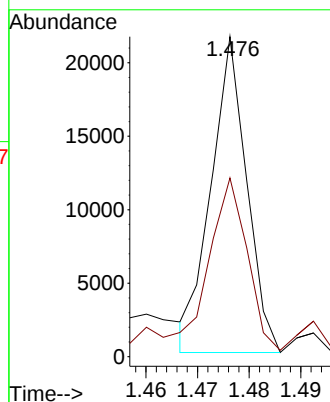
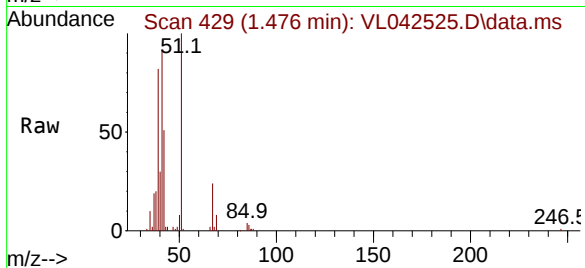
VSTDICCC010

Tgt Ion: 41 Resp: 10300

Ion Ratio Lower Upper

41 100

42 81.7 4.1 6.1#



#10

Heptane

Concen: 10.802 ppbv

RT: 4.959 min Scan# 1505

Delta R.T. 0.000 min

Lab File: VL042525.D

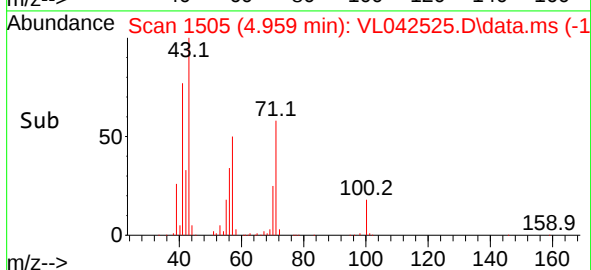
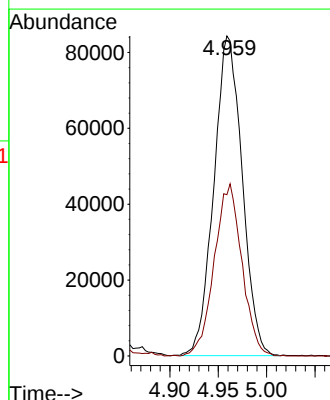
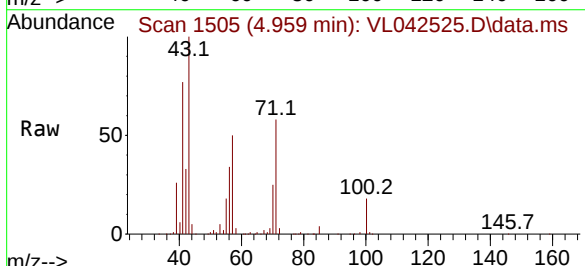
Acq: 12 May 2025 08:57

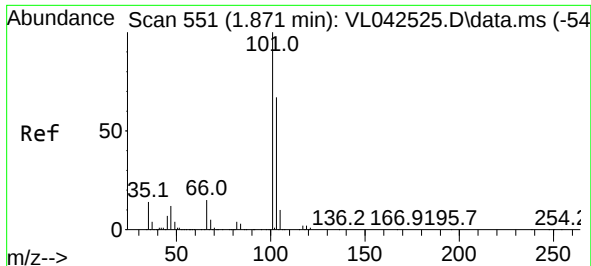
Tgt Ion: 43 Resp: 171443

Ion Ratio Lower Upper

43 100

57 52.6 42.1 63.1

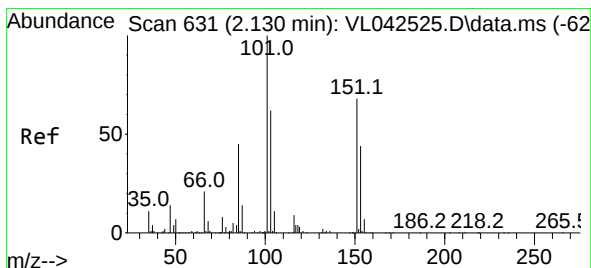
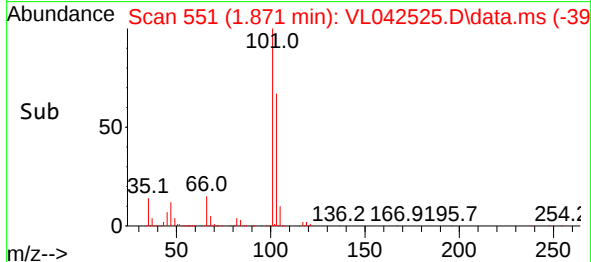
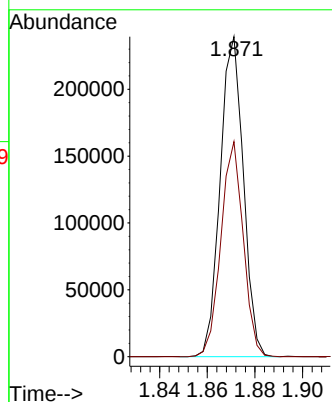
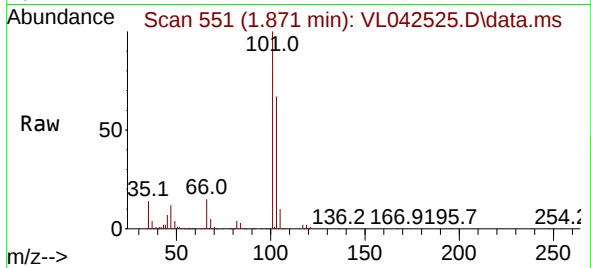




#11  
Trichlorofluoromethane  
Concen: 8.930 ppbv  
RT: 1.871 min Scan# 551  
Delta R.T. 0.000 min  
Lab File: VL042525.D  
Acq: 12 May 2025 08:57

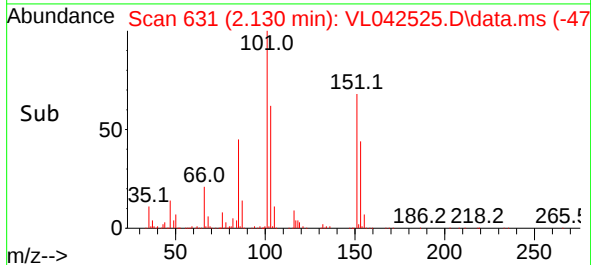
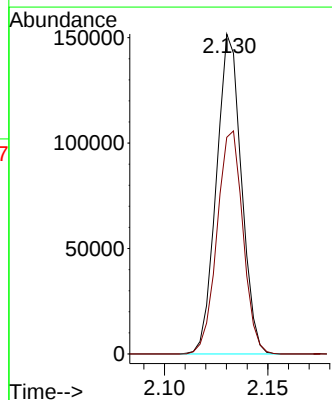
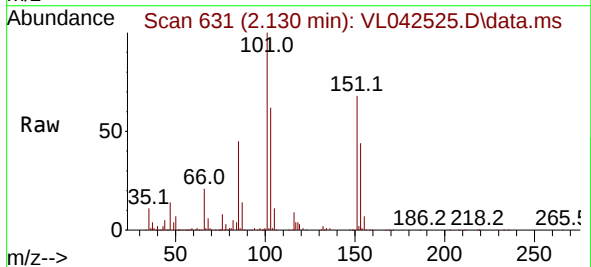
Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDICCC010

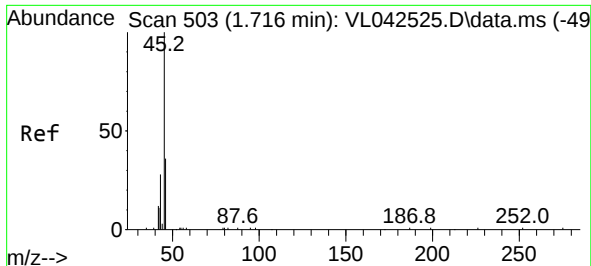
Tgt Ion:101 Resp: 161561  
Ion Ratio Lower Upper  
101 100  
103 67.2 53.8 80.6



#12  
1,1,2-Trichlorotrifluoroethane  
Concen: 8.791 ppbv  
RT: 2.130 min Scan# 631  
Delta R.T. 0.000 min  
Lab File: VL042525.D  
Acq: 12 May 2025 08:57

Tgt Ion:101 Resp: 127743  
Ion Ratio Lower Upper  
101 100  
151 72.3 57.8 86.8

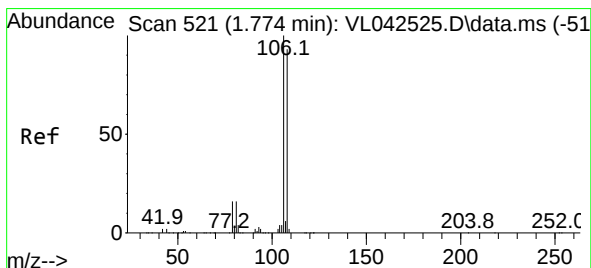
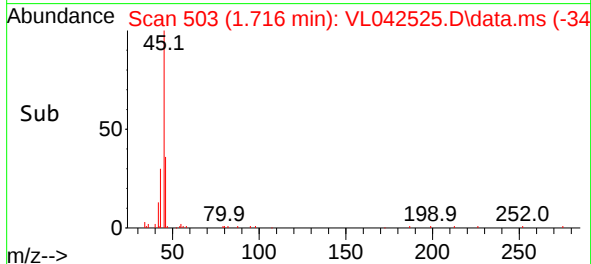
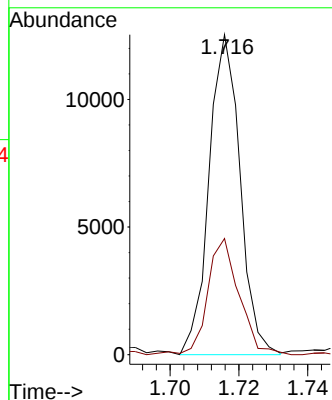
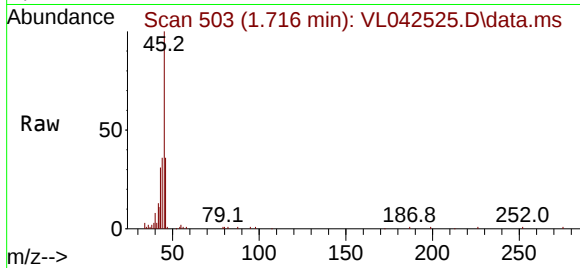




#13  
 Ethanol  
 Concen: 6.912 ppbv  
 RT: 1.716 min Scan# 503  
 Delta R.T. 0.000 min  
 Lab File: VL042525.D  
 Acq: 12 May 2025 08:57

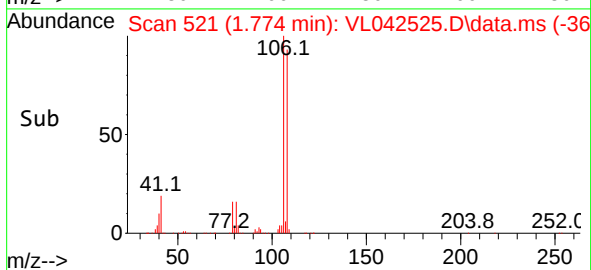
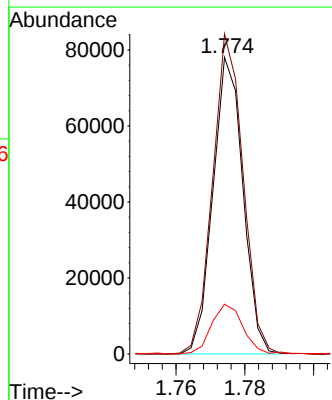
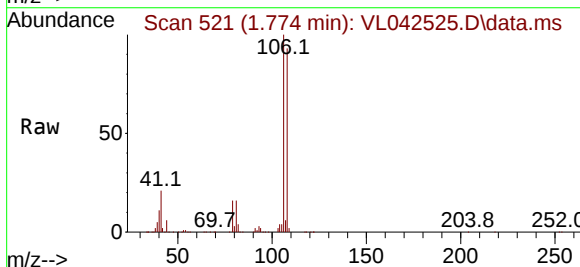
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VSTDICCC010

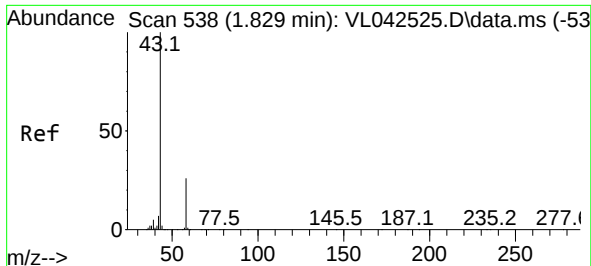
Tgt Ion: 45 Resp: 7854  
 Ion Ratio Lower Upper  
 45 100  
 46 37.1 14.8 59.4



#14  
 Bromoethene  
 Concen: 8.932 ppbv  
 RT: 1.774 min Scan# 521  
 Delta R.T. 0.000 min  
 Lab File: VL042525.D  
 Acq: 12 May 2025 08:57

Tgt Ion: 108 Resp: 47318  
 Ion Ratio Lower Upper  
 108 100  
 106 109.3 87.4 131.2  
 79 17.5 15.1 22.7

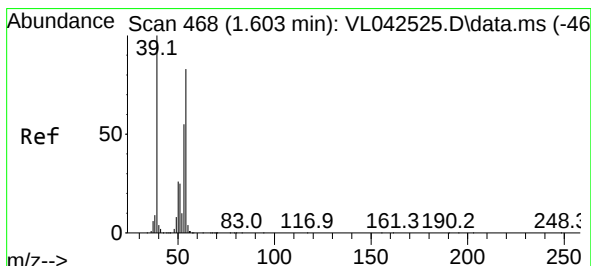
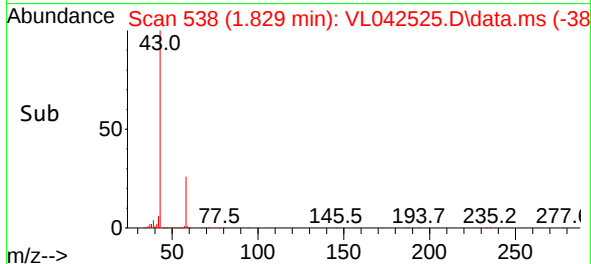
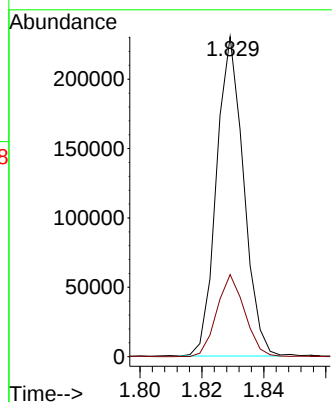
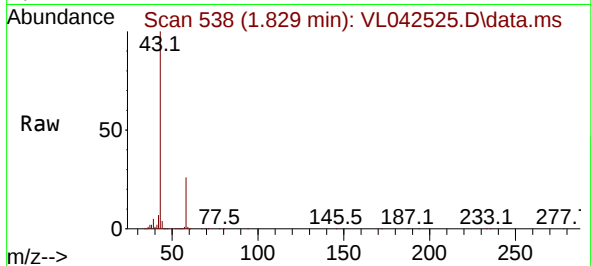




#15  
Acetone  
Concen: 7.569 ppbv  
RT: 1.829 min Scan# 538  
Delta R.T. 0.000 min  
Lab File: VL042525.D  
Acq: 12 May 2025 08:57

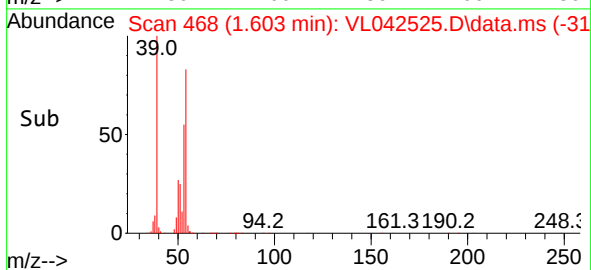
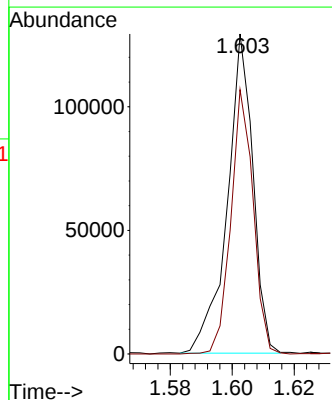
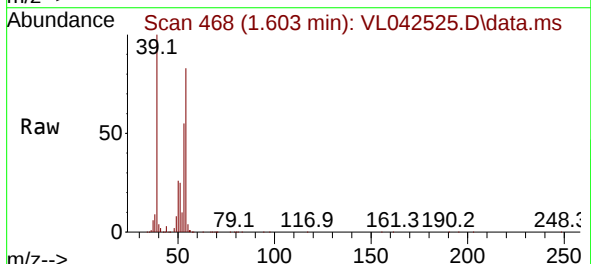
Instrument :  
MSVOA\_1  
ClientSampleId :  
VSTDICCC010

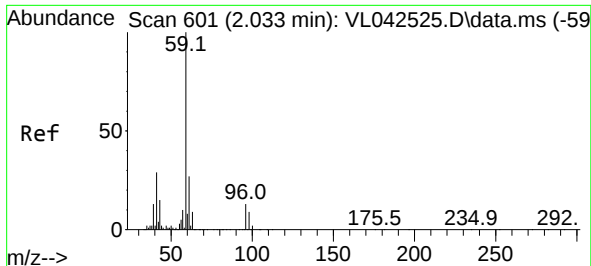
Tgt Ion: 43 Resp: 140078  
Ion Ratio Lower Upper  
43 100  
58 26.6 21.3 31.9



#16  
1,3-Butadiene  
Concen: 8.946 ppbv  
RT: 1.603 min Scan# 468  
Delta R.T. 0.000 min  
Lab File: VL042525.D  
Acq: 12 May 2025 08:57

Tgt Ion: 39 Resp: 74449  
Ion Ratio Lower Upper  
39 100  
54 72.1 57.8 86.6





#17

tert-Butyl alcohol

Concen: 9.298 ppbv

RT: 2.033 min Scan# 601

Delta R.T. 0.000 min

Lab File: VL042525.D

Acq: 12 May 2025 08:57

Instrument :

MSVOA\_L

ClientSampleId :

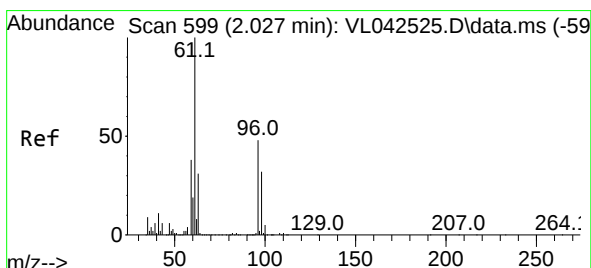
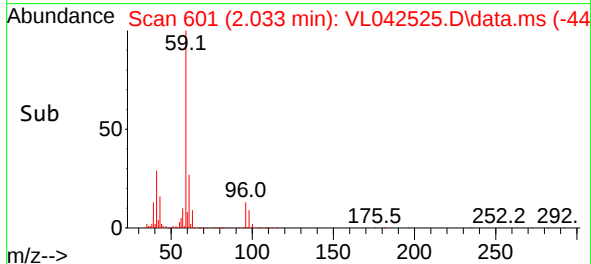
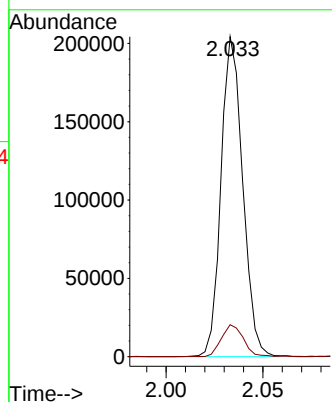
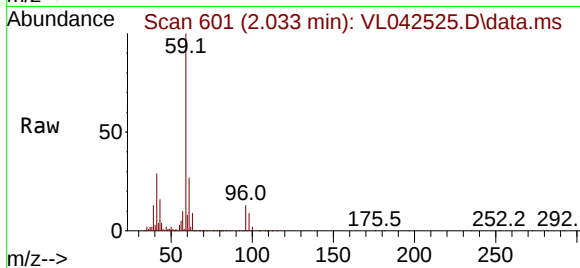
VSTDICCC010

Tgt Ion: 59 Resp: 159013

Ion Ratio Lower Upper

59 100

57 10.3 8.2 12.4



#18

1,1-Dichloroethene

Concen: 8.952 ppbv

RT: 2.027 min Scan# 599

Delta R.T. 0.000 min

Lab File: VL042525.D

Acq: 12 May 2025 08:57

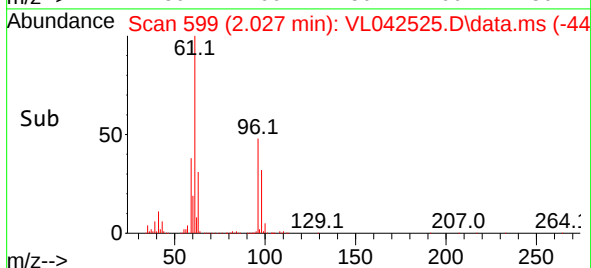
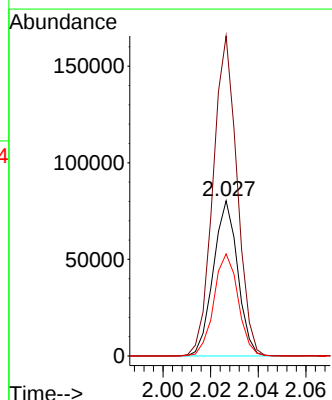
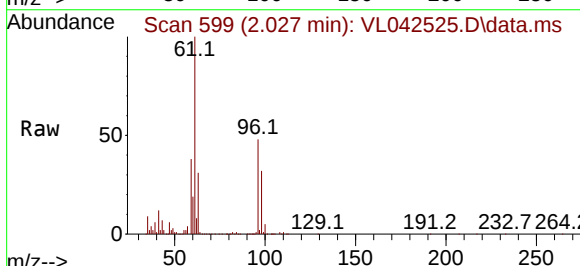
Tgt Ion: 96 Resp: 57005

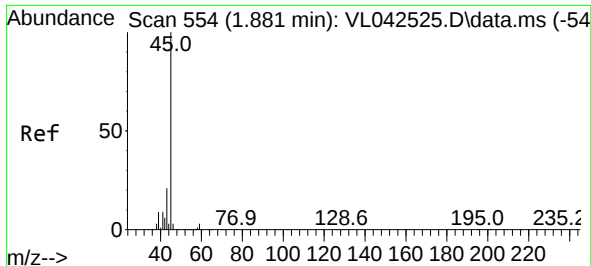
Ion Ratio Lower Upper

96 100

61 206.2 165.0 247.4

98 65.8 52.6 79.0

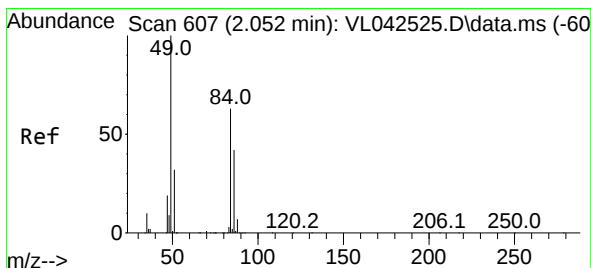
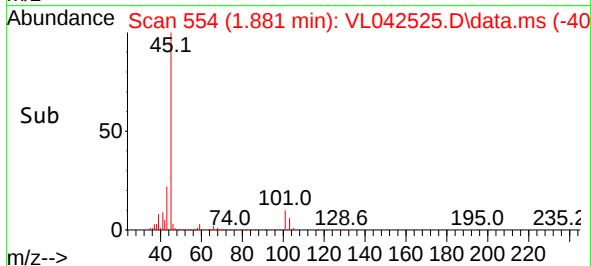
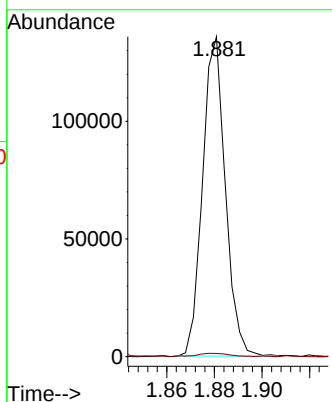
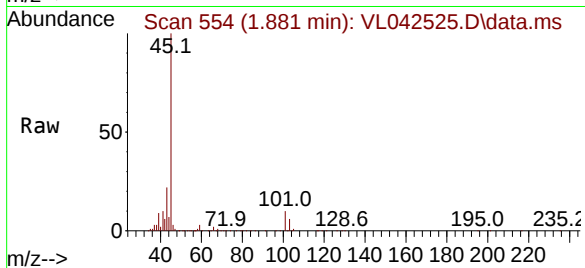




#19  
Isopropyl Alcohol  
Concen: 8.961 ppbv  
RT: 1.881 min Scan# 554  
Delta R.T. 0.000 min  
Lab File: VL042525.D  
Acq: 12 May 2025 08:57

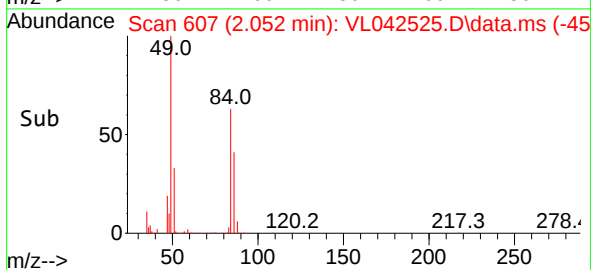
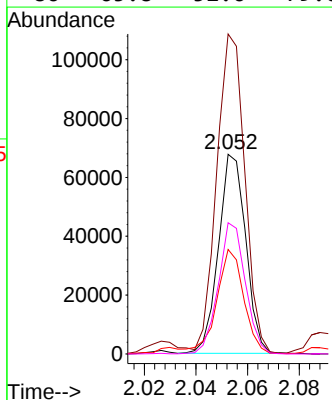
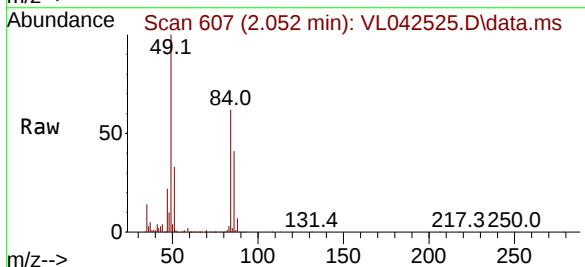
Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDICCC010

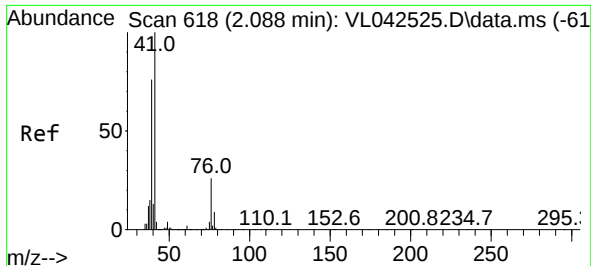
Tgt Ion: 45 Resp: 90090  
Ion Ratio Lower Upper  
45 100  
58 41.4 1.5 2.3#



#20  
Methylene Chloride  
Concen: 7.693 ppbv  
RT: 2.052 min Scan# 607  
Delta R.T. 0.000 min  
Lab File: VL042525.D  
Acq: 12 May 2025 08:57

Tgt Ion: 84 Resp: 49582  
Ion Ratio Lower Upper  
84 100  
49 160.3 128.2 192.4  
51 52.1 41.7 62.5  
86 65.8 52.6 79.0





#21

Allyl Chloride

Concen: 9.316 ppbv

RT: 2.088 min Scan# 618

Delta R.T. 0.000 min

Lab File: VL042525.D

Acq: 12 May 2025 08:57

Instrument :

MSVOA\_L

ClientSampleId :

VSTDICCC010

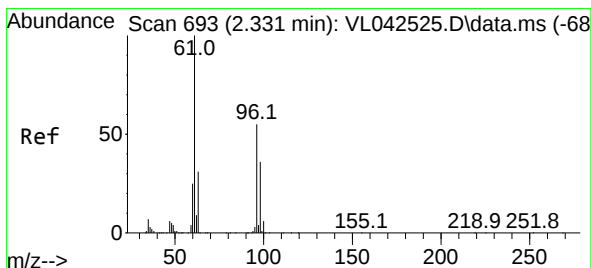
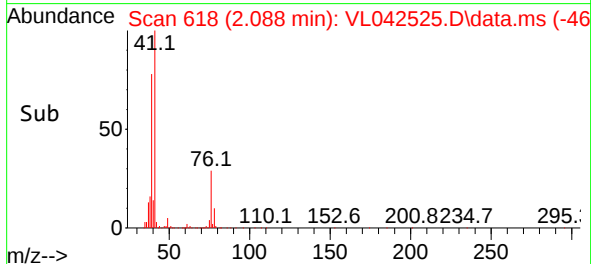
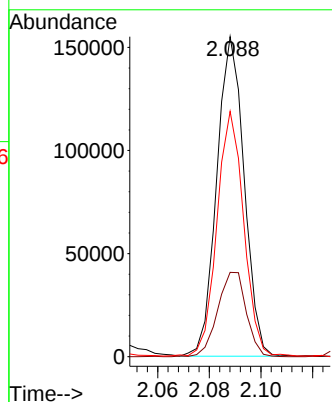
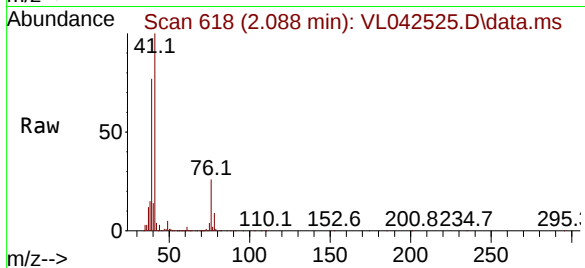
Tgt Ion: 41 Resp: 114157

Ion Ratio Lower Upper

41 100

76 27.5 22.0 33.0

39 74.4 59.5 89.3



#22

trans-1,2-Dichloroethene

Concen: 8.750 ppbv

RT: 2.331 min Scan# 693

Delta R.T. 0.000 min

Lab File: VL042525.D

Acq: 12 May 2025 08:57

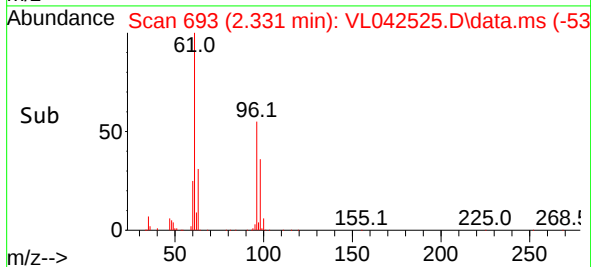
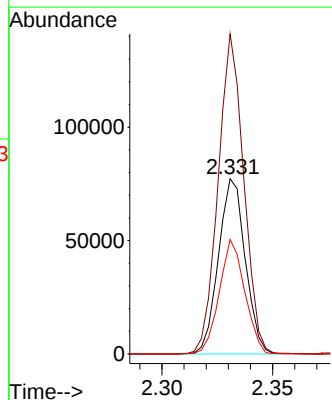
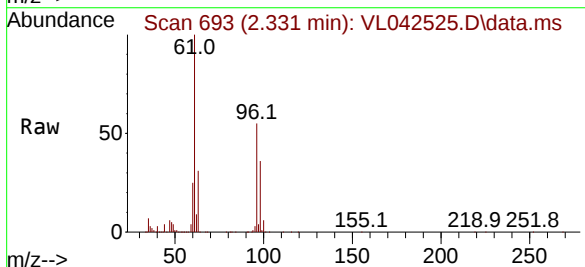
Tgt Ion: 96 Resp: 65183

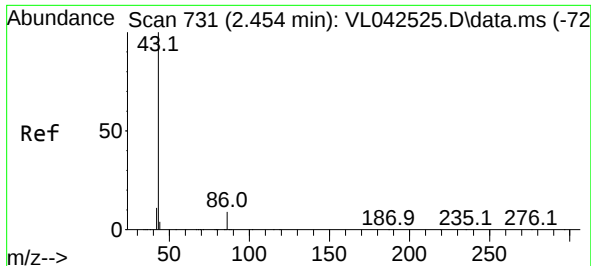
Ion Ratio Lower Upper

96 100

61 182.4 145.9 218.9

98 65.3 52.2 78.4



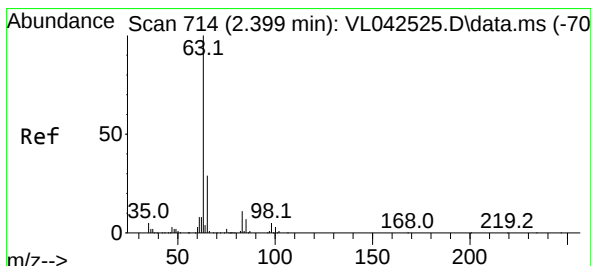
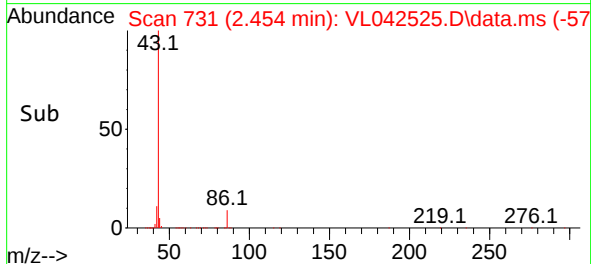
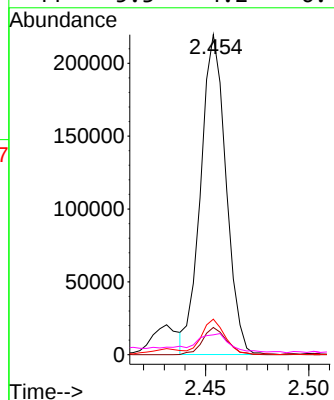
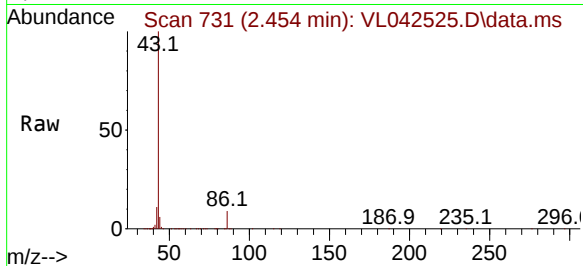


#23  
 Vinyl Acetate  
 Concen: 9.646 ppbv  
 RT: 2.454 min Scan# 714  
 Delta R.T. 0.000 min  
 Lab File: VL042525.D  
 Acq: 12 May 2025 08:57

Instrument :  
 MSVOA\_1  
 ClientSampleId :  
 VSTDICCC010

Tgt Ion: 43 Resp: 186900

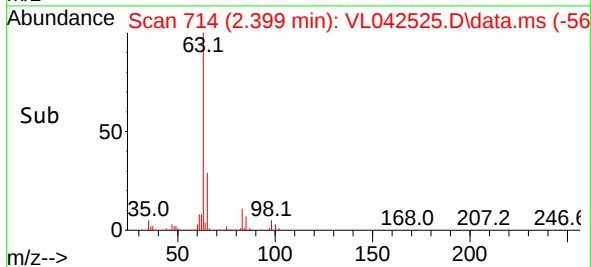
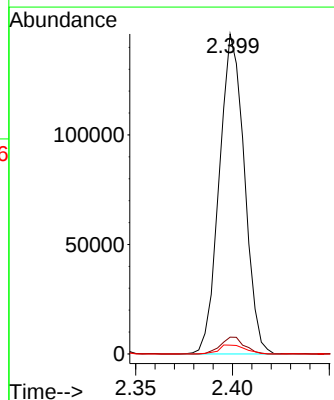
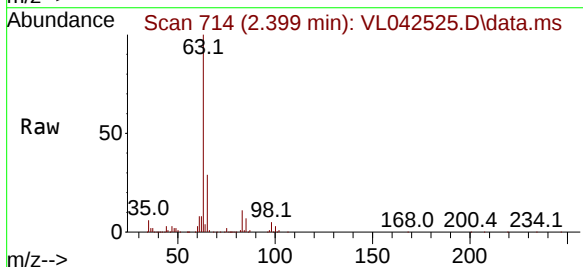
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 86  | 8.5   | 6.8   | 10.2  |
| 42  | 11.0  | 8.8   | 13.2  |
| 44  | 5.3   | 4.2   | 6.4   |

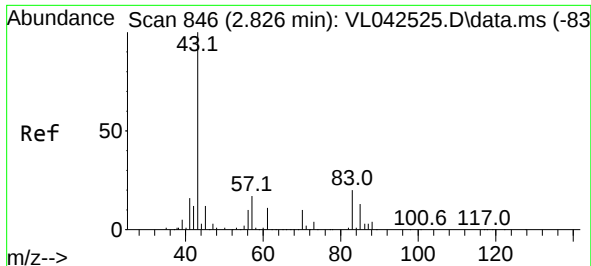


#24  
 1,1-Dichloroethane  
 Concen: 9.126 ppbv  
 RT: 2.399 min Scan# 714  
 Delta R.T. 0.000 min  
 Lab File: VL042525.D  
 Acq: 12 May 2025 08:57

Tgt Ion: 63 Resp: 131534

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 98  | 5.3   | 2.6   | 8.0   |
| 100 | 2.8   | 1.4   | 4.2   |



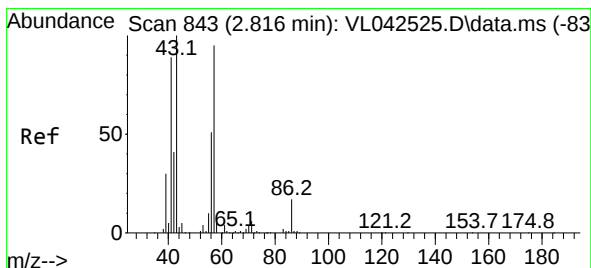
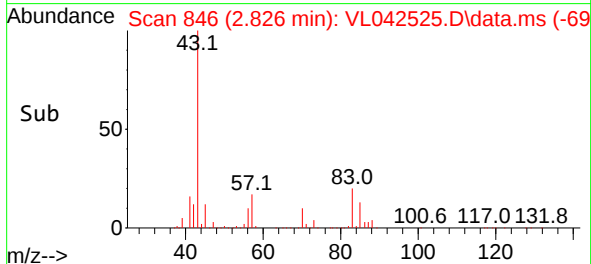
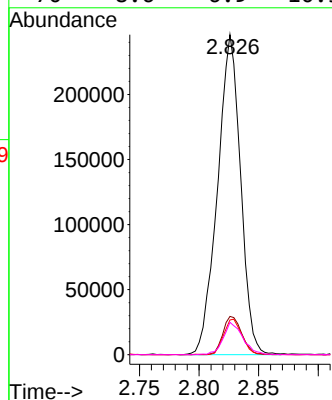
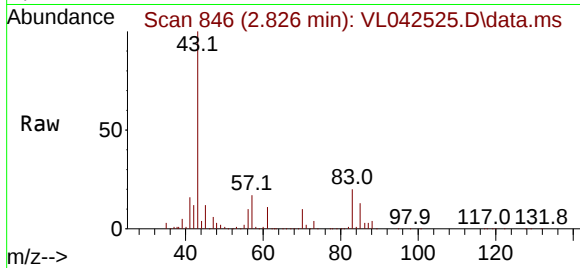


#25  
Ethyl Acetate  
Concen: 10.175 ppbv  
RT: 2.826 min Scan# 846  
Delta R.T. 0.000 min  
Lab File: VL042525.D  
Acq: 12 May 2025 08:57

Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDICCC010

Tgt Ion: 43 Resp: 330659

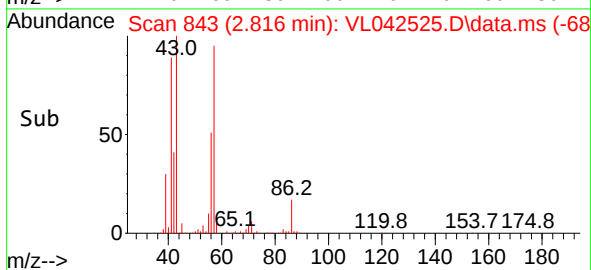
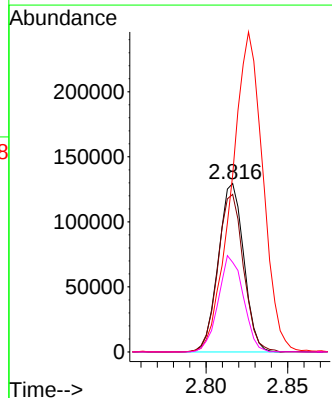
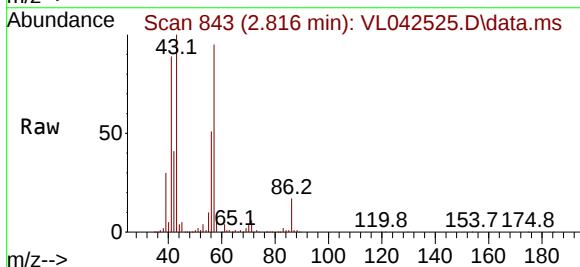
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 45  | 9.8   | 7.9   | 11.9  |
| 61  | 8.9   | 7.1   | 10.7  |
| 70  | 8.6   | 6.9   | 10.3  |

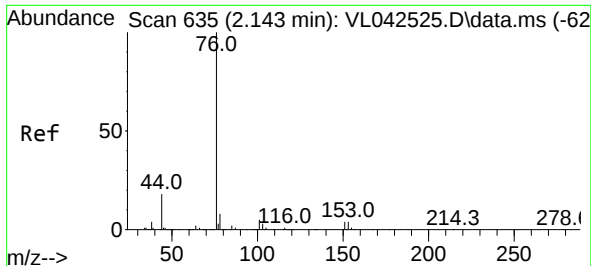


#26  
Hexane  
Concen: 10.498 ppbv  
RT: 2.816 min Scan# 843  
Delta R.T. 0.000 min  
Lab File: VL042525.D  
Acq: 12 May 2025 08:57

Tgt Ion: 57 Resp: 140065

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 57  | 100   |       |       |
| 41  | 95.1  | 76.1  | 114.1 |
| 43  | 236.5 | 188.9 | 283.3 |
| 56  | 56.5  | 45.2  | 67.8  |

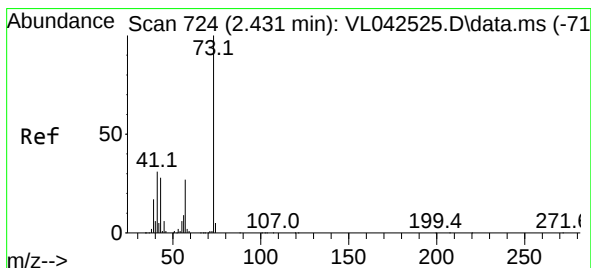
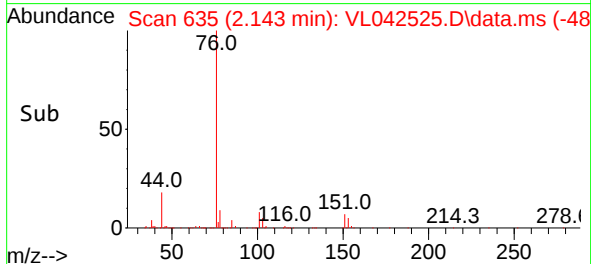
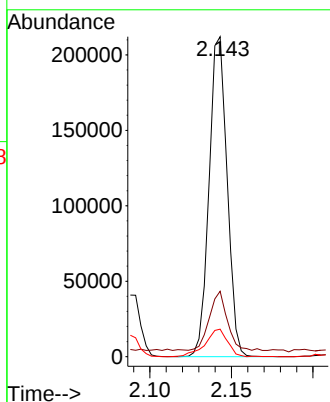
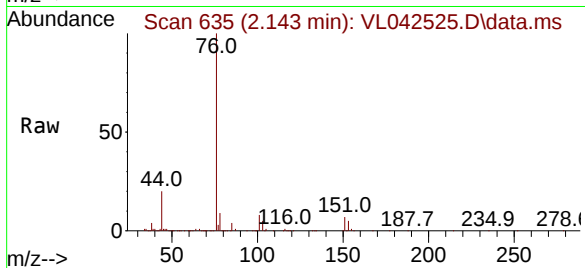




#27  
Carbon Disulfide  
Concen: 9.467 ppbv  
RT: 2.143 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VL042525.D  
Acq: 12 May 2025 08:57

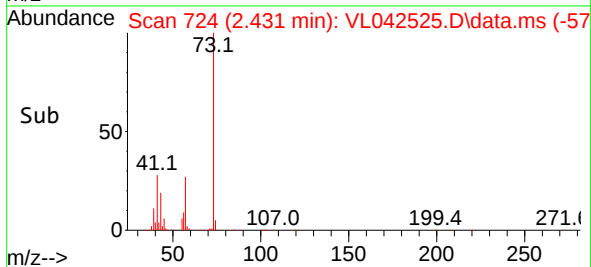
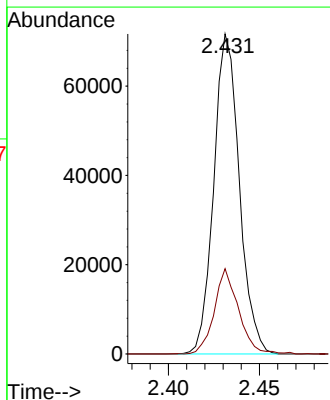
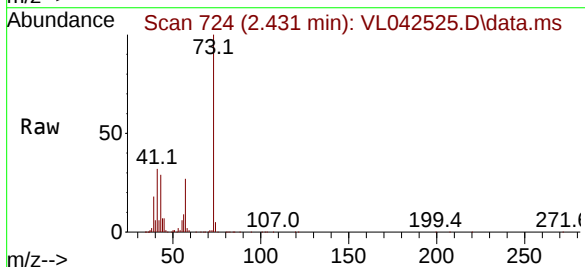
Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDICCC010

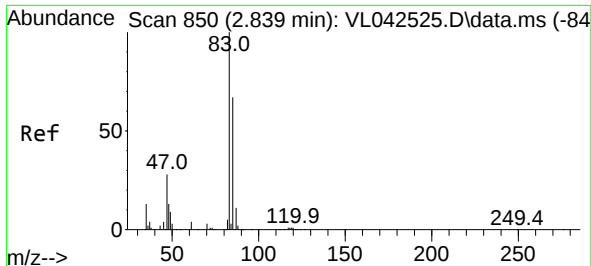
Tgt Ion: 76 Resp: 163053  
Ion Ratio Lower Upper  
76 100  
44 21.0 17.1 25.7  
78 10.7 8.6 12.8



#28  
Methyl tert-Butyl Ether  
Concen: 9.440 ppbv  
RT: 2.431 min Scan# 724  
Delta R.T. 0.000 min  
Lab File: VL042525.D  
Acq: 12 May 2025 08:57

Tgt Ion: 73 Resp: 69971  
Ion Ratio Lower Upper  
73 100  
57 25.4 20.3 30.5





#29

Chloroform

Concen: 8.919 ppbv

RT: 2.839 min Scan# 850

Delta R.T. 0.000 min

Lab File: VL042525.D

Acq: 12 May 2025 08:57

Instrument :

MSVOA\_L

ClientSampleId :

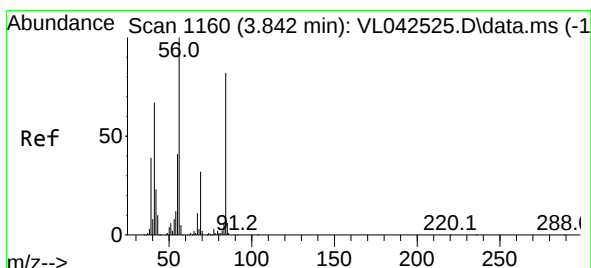
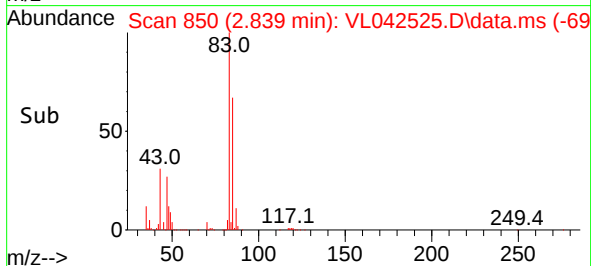
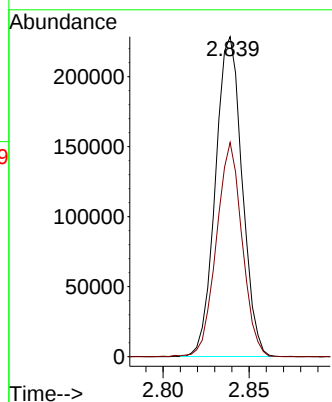
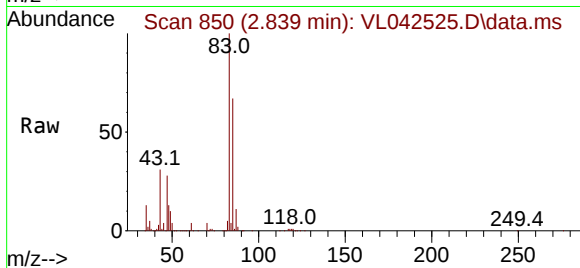
VSTDICCC010

Tgt Ion: 83 Resp: 246790

Ion Ratio Lower Upper

83 100

85 66.9 53.5 80.3



#30

Cyclohexane

Concen: 10.787 ppbv

RT: 3.842 min Scan# 1160

Delta R.T. 0.000 min

Lab File: VL042525.D

Acq: 12 May 2025 08:57

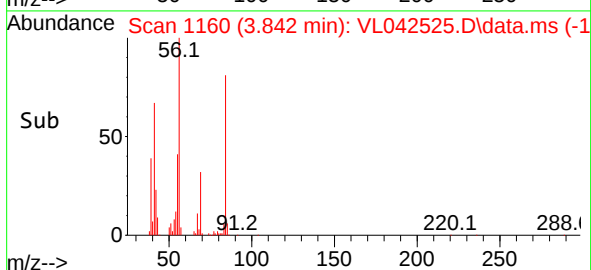
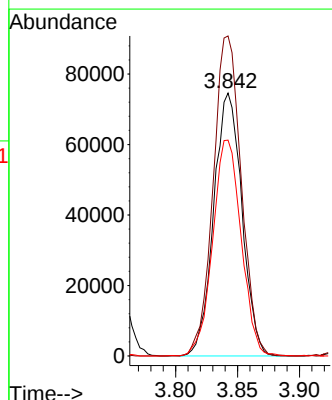
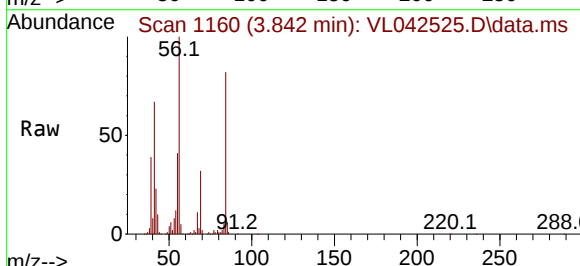
Tgt Ion: 84 Resp: 118162

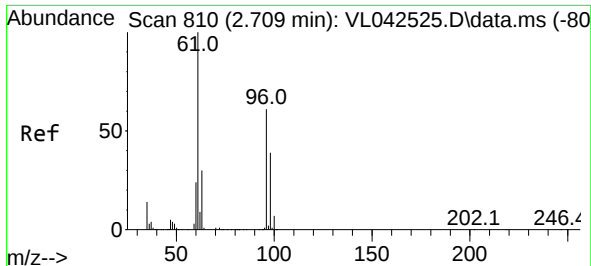
Ion Ratio Lower Upper

84 100

56 121.4 97.1 145.7

41 83.1 66.6 99.8

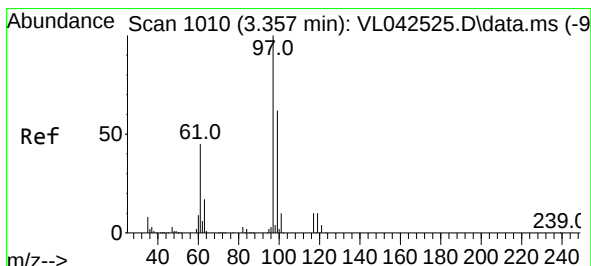
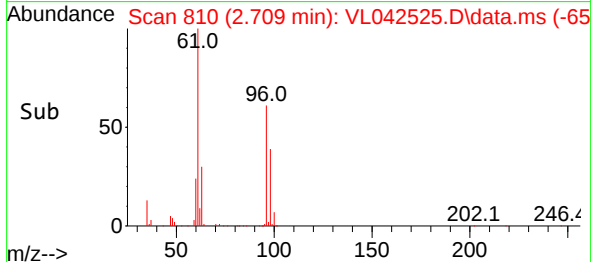
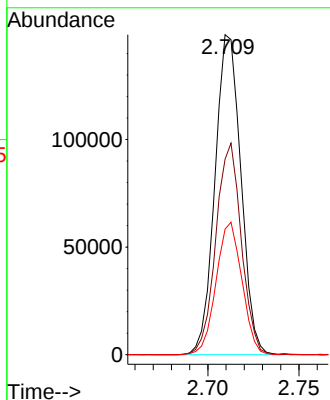
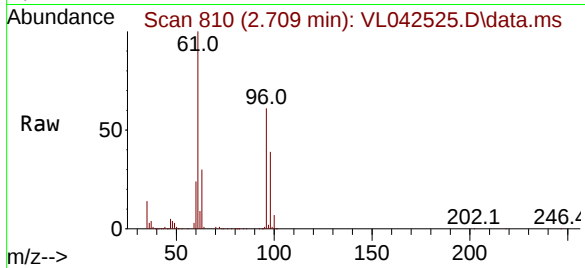




#31  
 cis-1,2-Dichloroethene  
 Concen: 9.788 ppbv  
 RT: 2.709 min Scan# 810  
 Delta R.T. 0.000 min  
 Lab File: VL042525.D  
 Acq: 12 May 2025 08:57

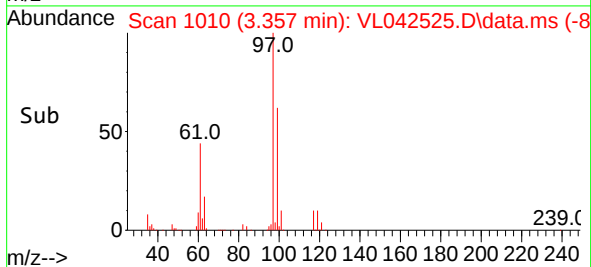
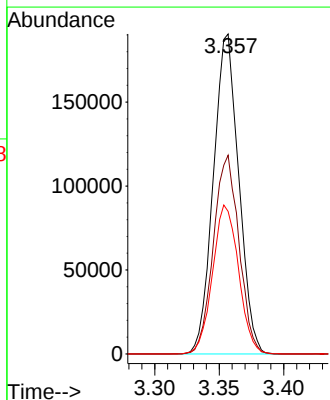
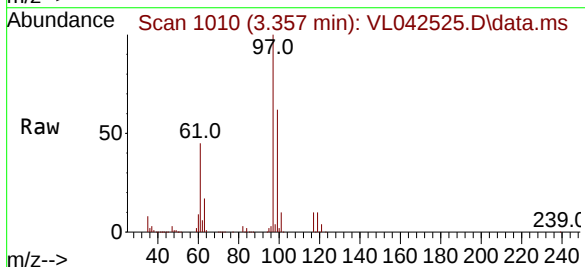
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VSTDICCC010

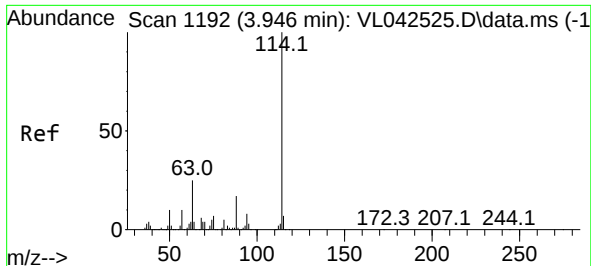
Tgt Ion: 61 Resp: 147467  
 Ion Ratio Lower Upper  
 61 100  
 96 61.1 48.9 73.3  
 98 39.3 31.4 47.2



#32  
 1,1,1-Trichloroethane  
 Concen: 9.331 ppbv  
 RT: 3.357 min Scan# 1010  
 Delta R.T. 0.000 min  
 Lab File: VL042525.D  
 Acq: 12 May 2025 08:57

Tgt Ion: 97 Resp: 260477  
 Ion Ratio Lower Upper  
 97 100  
 99 62.6 50.1 75.1  
 61 47.7 38.2 57.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.946 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VL042525.D

Acq: 12 May 2025 08:57

Instrument :

MSVOA\_L

ClientSampleId :

VSTDICCC010

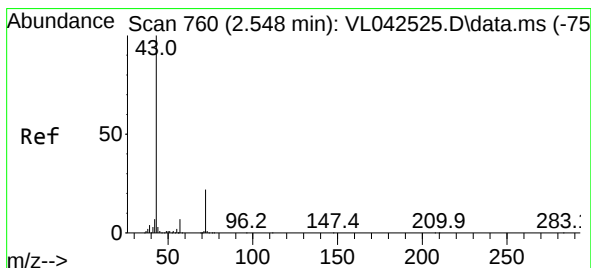
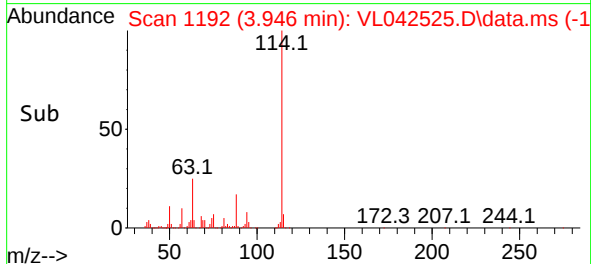
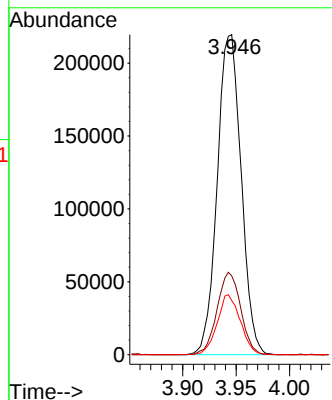
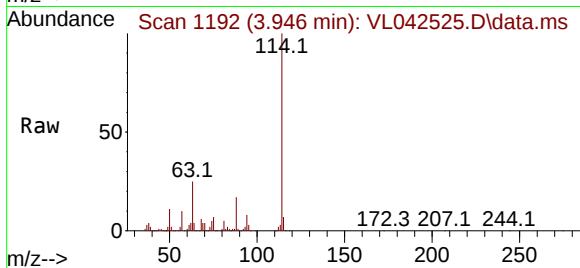
Tgt Ion:114 Resp: 341715

Ion Ratio Lower Upper

114 100

63 25.5 20.4 30.6

88 18.1 14.5 21.7



#34

2-Butanone

Concen: 9.075 ppbv

RT: 2.548 min Scan# 760

Delta R.T. 0.000 min

Lab File: VL042525.D

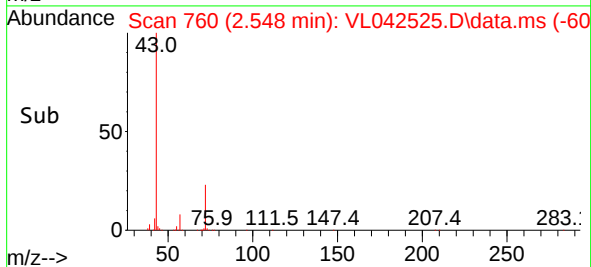
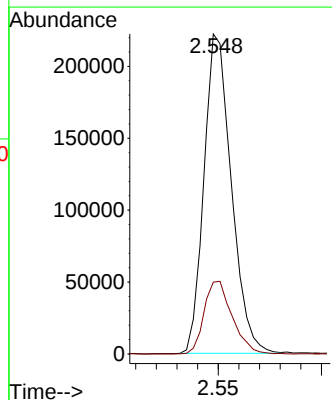
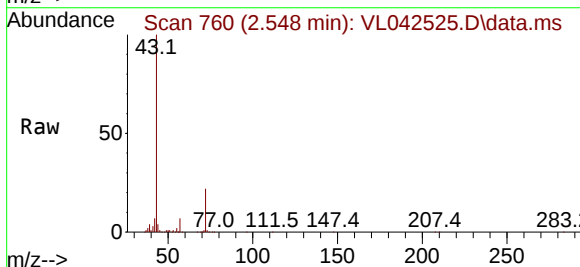
Acq: 12 May 2025 08:57

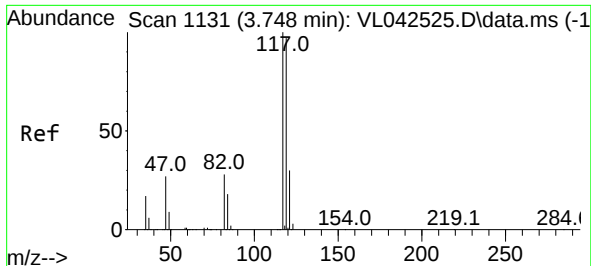
Tgt Ion: 43 Resp: 204394

Ion Ratio Lower Upper

43 100

72 23.4 18.7 28.1

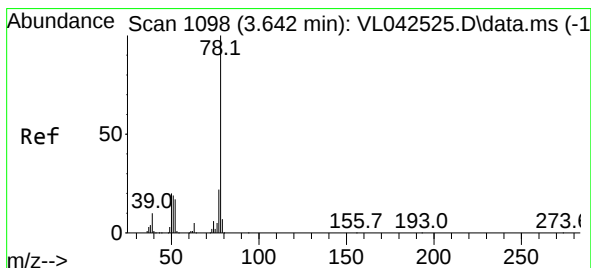
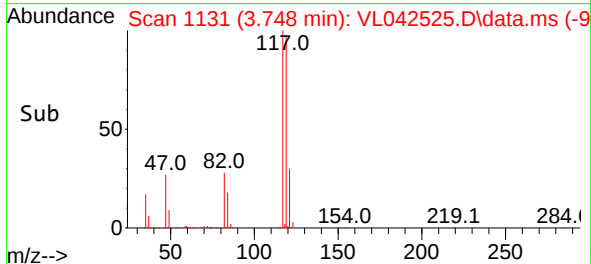
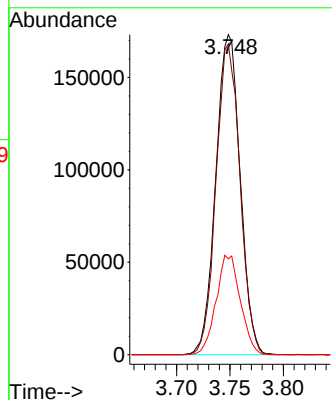
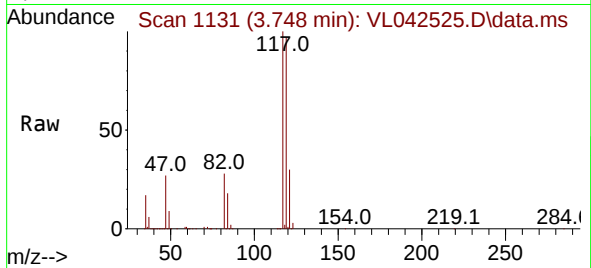




#35  
Carbon Tetrachloride  
Concen: 8.956 ppbv  
RT: 3.748 min Scan# 1131  
Delta R.T. 0.000 min  
Lab File: VL042525.D  
Acq: 12 May 2025 08:57

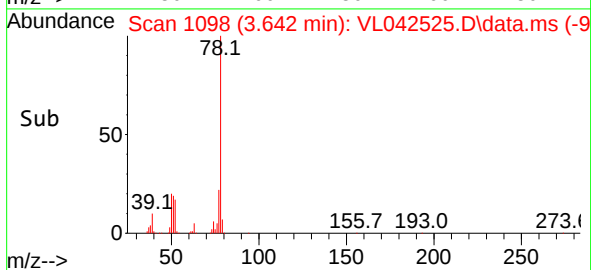
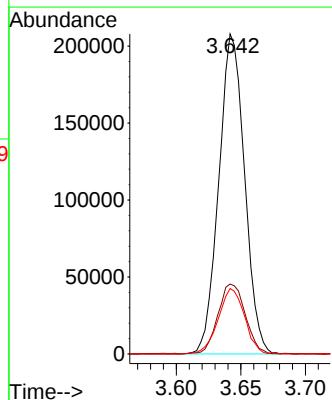
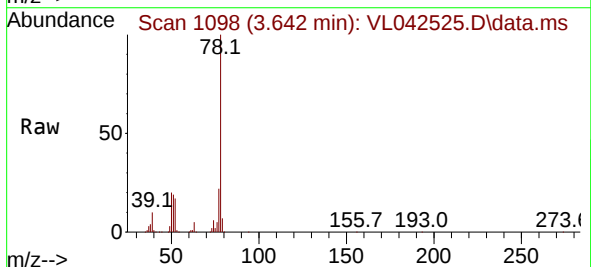
Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDICCC010

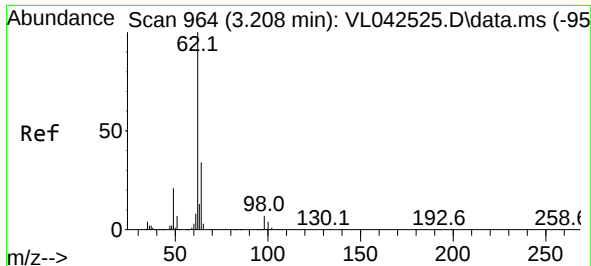
Tgt Ion:117 Resp: 275147  
Ion Ratio Lower Upper  
117 100  
119 97.1 77.7 116.5  
121 30.0 24.0 36.0



#36  
Benzene  
Concen: 9.522 ppbv  
RT: 3.642 min Scan# 1098  
Delta R.T. 0.000 min  
Lab File: VL042525.D  
Acq: 12 May 2025 08:57

Tgt Ion: 78 Resp: 288357  
Ion Ratio Lower Upper  
78 100  
77 21.8 17.4 26.2  
50 20.4 16.3 24.5





#37

1,2-Dichloroethane

Concen: 9.003 ppbv

RT: 3.208 min Scan# 964

Delta R.T. 0.000 min

Lab File: VL042525.D

Acq: 12 May 2025 08:57

Instrument :

MSVOA\_1

ClientSampleId :

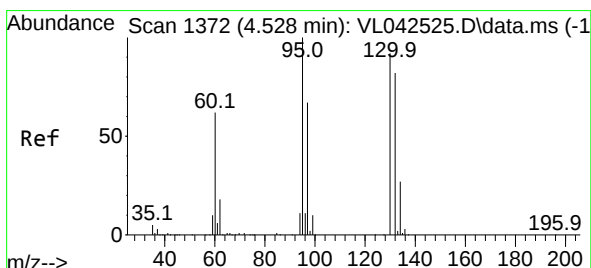
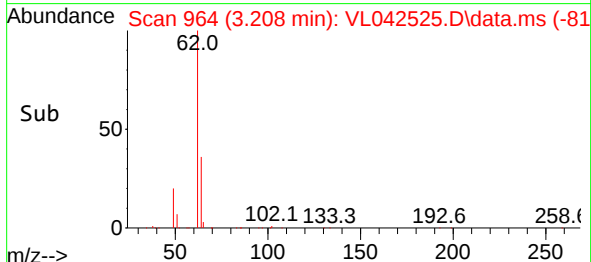
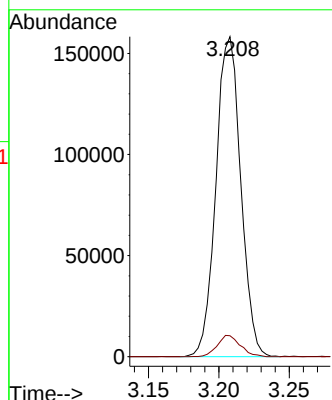
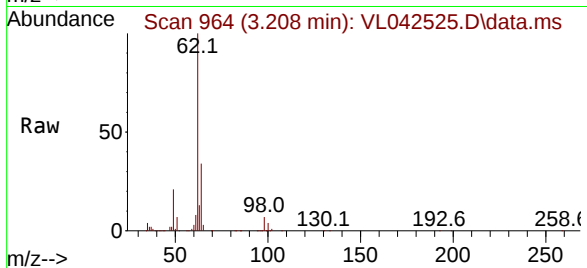
VSTDICCC010

Tgt Ion: 62 Resp: 194477

Ion Ratio Lower Upper

62 100

98 6.2 5.0 7.4



#38

Trichloroethene

Concen: 9.520 ppbv

RT: 4.528 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VL042525.D

Acq: 12 May 2025 08:57

Tgt Ion: 130 Resp: 123174

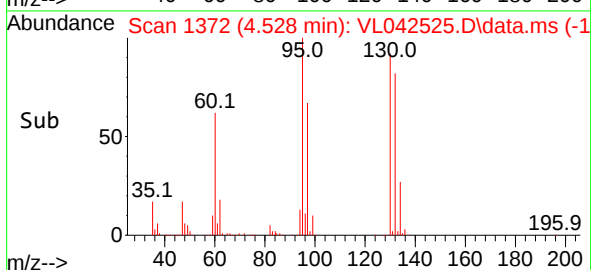
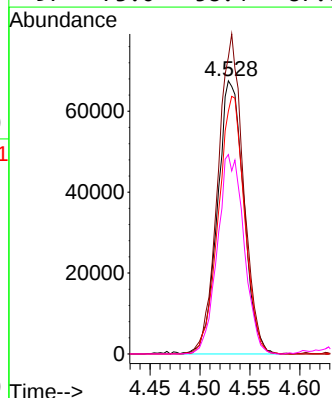
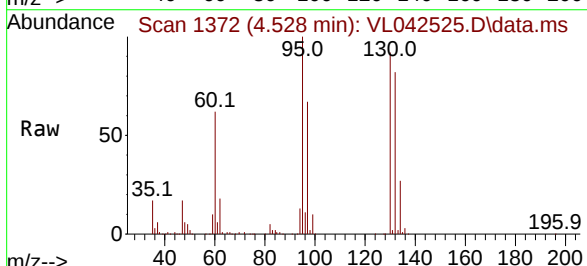
Ion Ratio Lower Upper

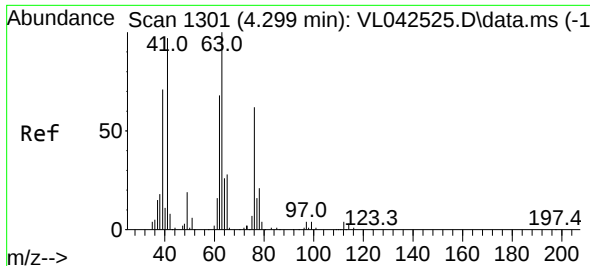
130 100

95 108.7 87.0 130.4

132 88.9 71.1 106.7

97 73.0 58.4 87.6





#39

1,2-Dichloropropane

Concen: 9.342 ppbv

RT: 4.299 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VL042525.D

Acq: 12 May 2025 08:57

Instrument :

MSVOA\_L

ClientSampleId :

VSTDICCC010

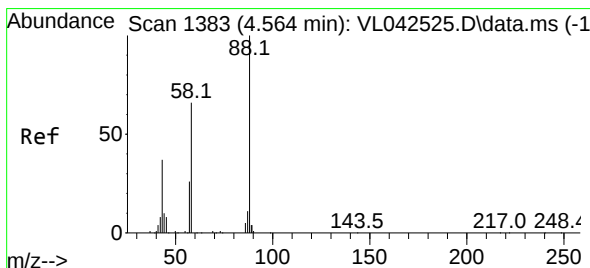
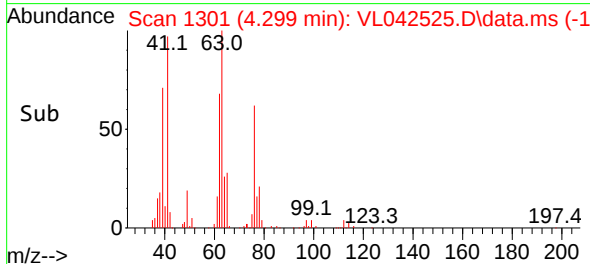
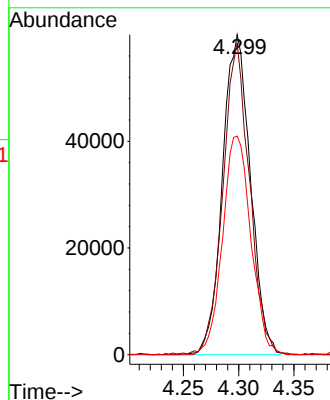
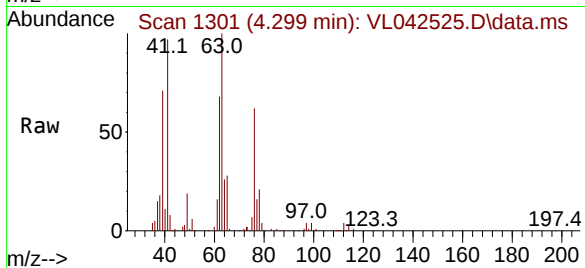
Tgt Ion: 63 Resp: 105313

Ion Ratio Lower Upper

63 100

41 96.9 77.5 116.3

62 68.3 54.6 82.0



#40

1,4-Dioxane

Concen: 10.246 ppbv

RT: 4.564 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VL042525.D

Acq: 12 May 2025 08:57

Tgt Ion: 88 Resp: 46049

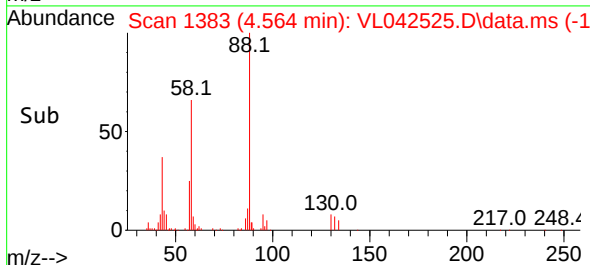
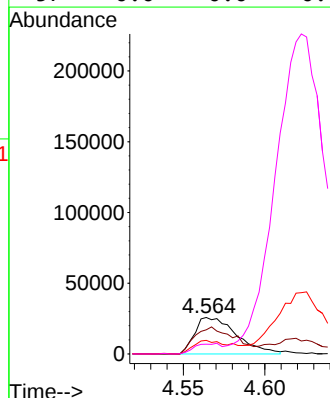
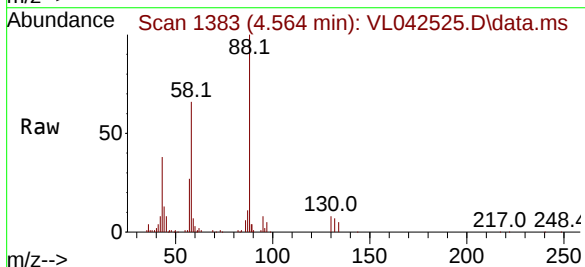
Ion Ratio Lower Upper

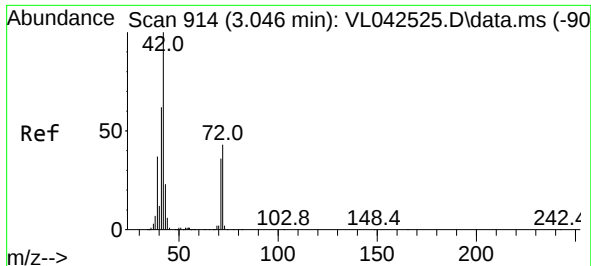
88 100

58 75.5 58.2 87.2

43 37.5 27.9 41.9

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 10.824 ppbv

RT: 3.046 min Scan# 914

Delta R.T. 0.000 min

Lab File: VL042525.D

Acq: 12 May 2025 08:57

Instrument :

MSVOA\_L

ClientSampleId :

VSTDICCC010

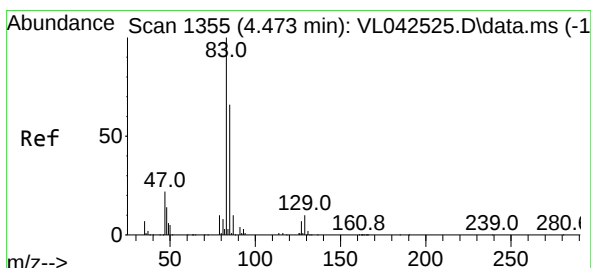
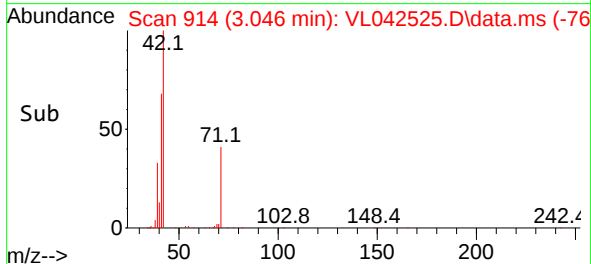
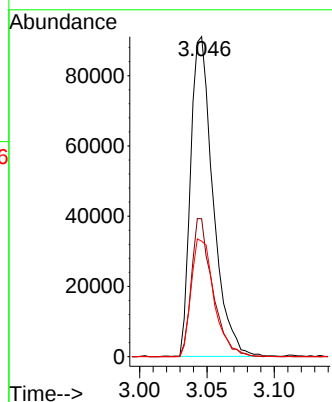
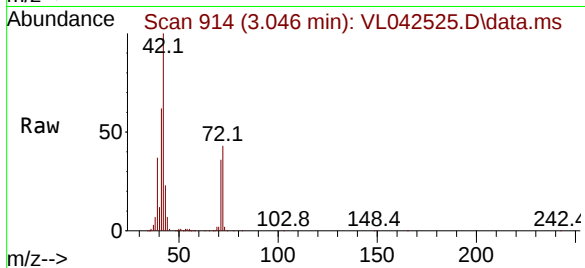
Tgt Ion: 42 Resp: 105158

Ion Ratio Lower Upper

42 100

72 40.9 32.7 49.1

71 38.0 30.4 45.6



#42

Bromodichloromethane

Concen: 9.286 ppbv

RT: 4.473 min Scan# 1355

Delta R.T. 0.000 min

Lab File: VL042525.D

Acq: 12 May 2025 08:57

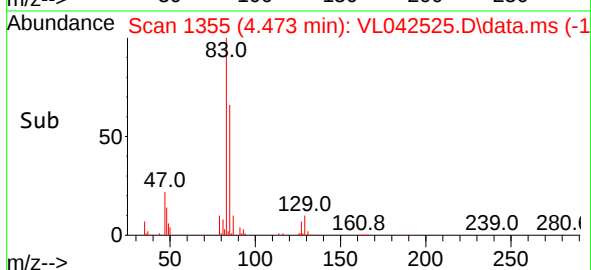
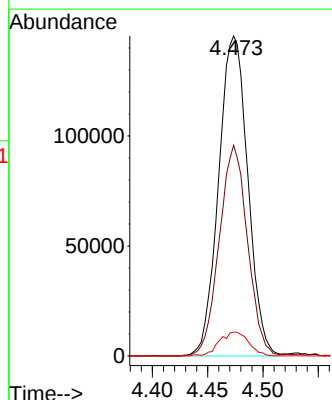
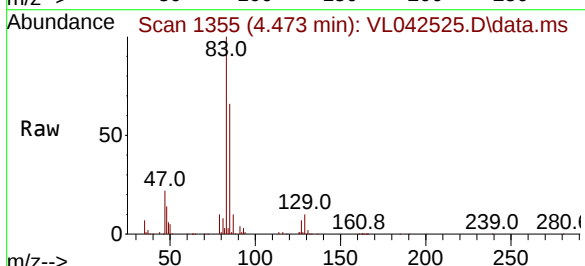
Tgt Ion: 83 Resp: 267225

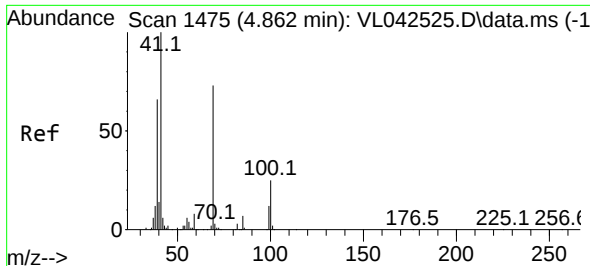
Ion Ratio Lower Upper

83 100

85 65.8 52.6 79.0

127 7.5 6.0 9.0

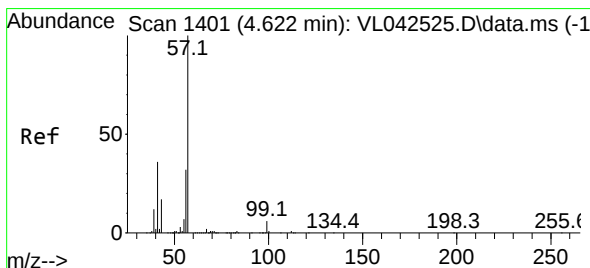
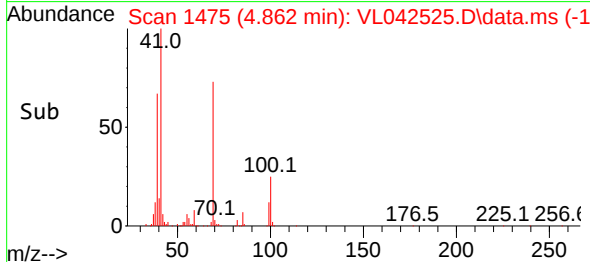
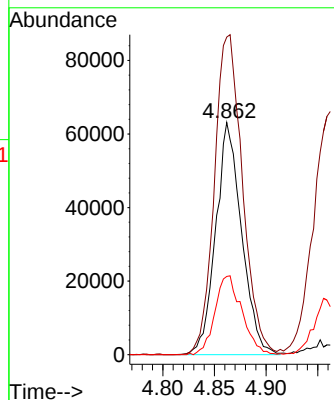
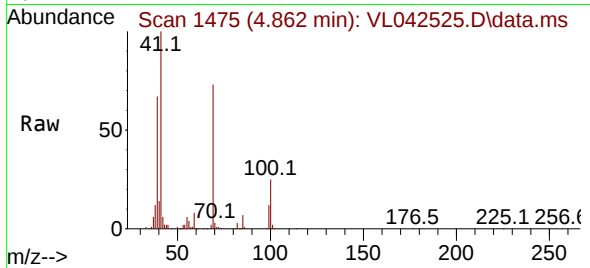




#43  
Methyl Methacrylate  
Concen: 10.879 ppbv  
RT: 4.862 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VL042525.D  
Acq: 12 May 2025 08:57

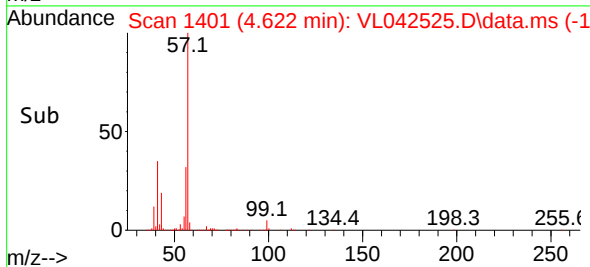
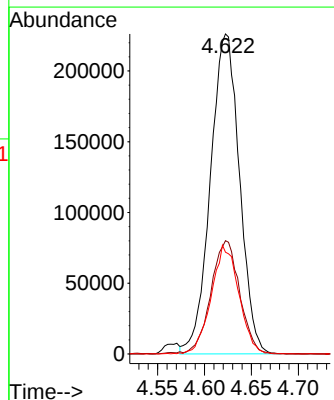
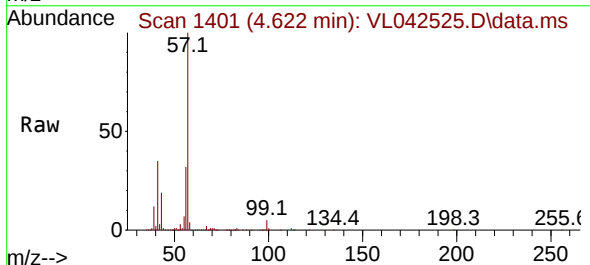
Instrument :  
MSVOA\_1  
ClientSampleId :  
VSTDICCC010

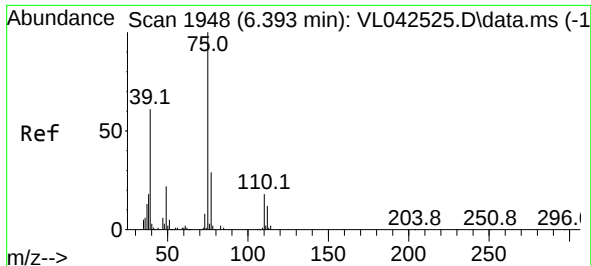
Tgt Ion: 69 Resp: 110028  
Ion Ratio Lower Upper  
69 100  
41 150.0 119.9 179.9  
100 35.5 28.4 42.6



#44  
2,2,4-Trimethylpentane  
Concen: 10.240 ppbv  
RT: 4.622 min Scan# 1401  
Delta R.T. 0.000 min  
Lab File: VL042525.D  
Acq: 12 May 2025 08:57

Tgt Ion: 57 Resp: 486999  
Ion Ratio Lower Upper  
57 100  
41 35.4 28.3 42.5  
56 32.4 25.9 38.9

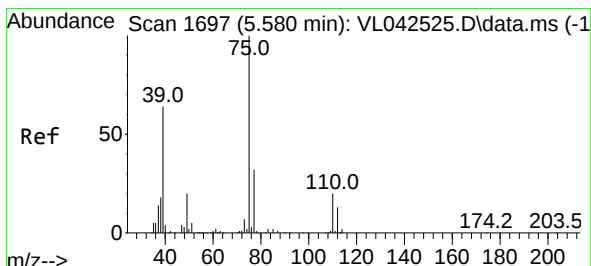
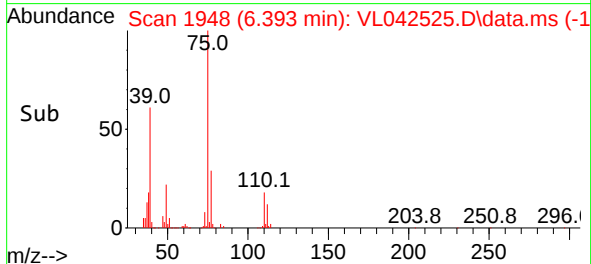
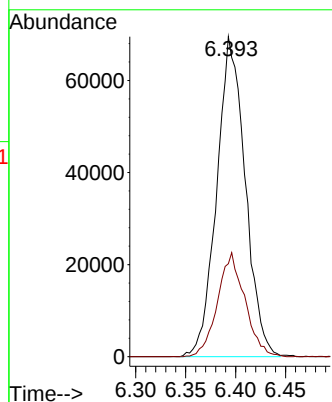
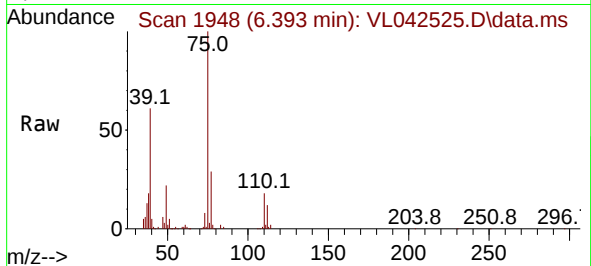




#45  
 t-1,3-Dichloropropene  
 Concen: 10.664 ppbv  
 RT: 6.393 min Scan# 1948  
 Delta R.T. 0.000 min  
 Lab File: VL042525.D  
 Acq: 12 May 2025 08:57

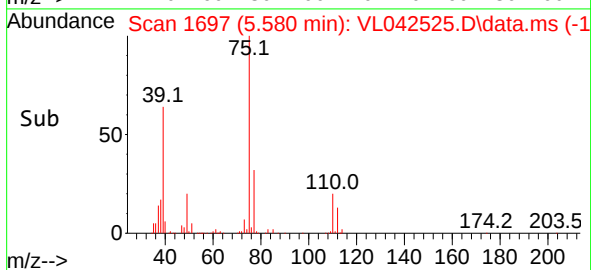
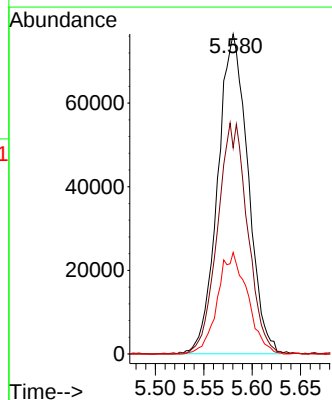
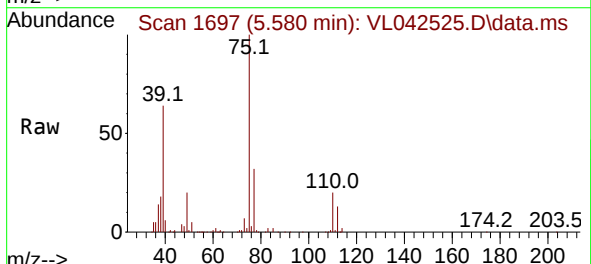
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VSTDICCC010

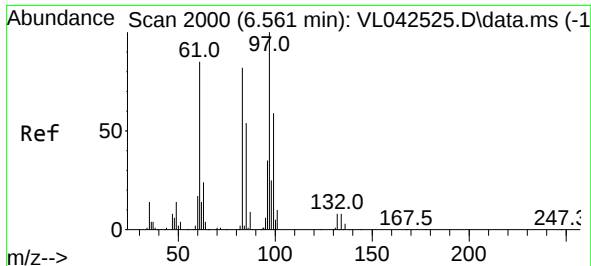
Tgt Ion: 75 Resp: 137698  
 Ion Ratio Lower Upper  
 75 100  
 77 29.1 23.3 34.9



#46  
 cis-1,3-Dichloropropene  
 Concen: 10.673 ppbv  
 RT: 5.580 min Scan# 1697  
 Delta R.T. 0.000 min  
 Lab File: VL042525.D  
 Acq: 12 May 2025 08:57

Tgt Ion: 75 Resp: 166227  
 Ion Ratio Lower Upper  
 75 100  
 39 64.0 51.2 76.8  
 77 31.7 25.4 38.0

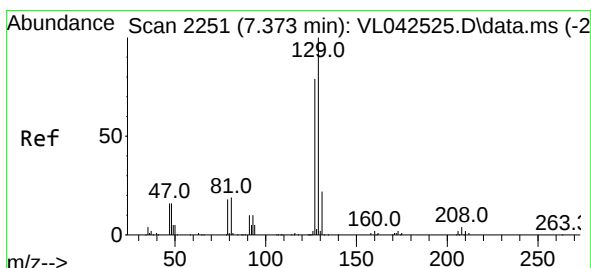
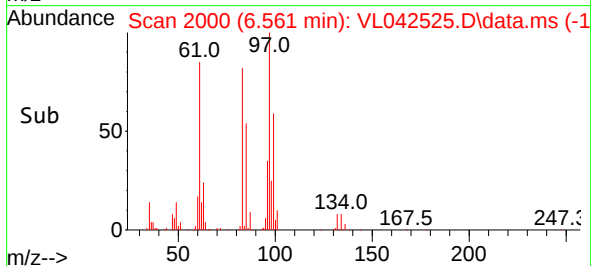
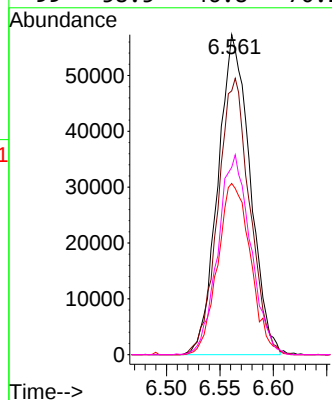
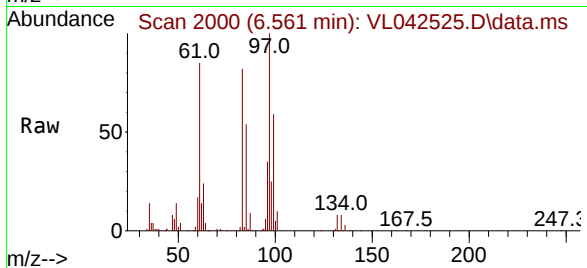




#47  
 1,1,2-Trichloroethane  
 Concen: 9.025 ppbv  
 RT: 6.561 min Scan# 2000  
 Delta R.T. 0.000 min  
 Lab File: VL042525.D  
 Acq: 12 May 2025 08:57

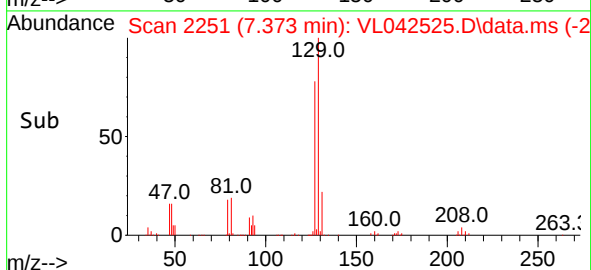
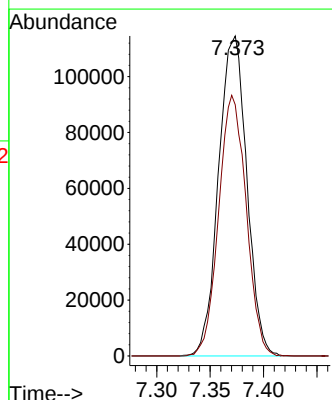
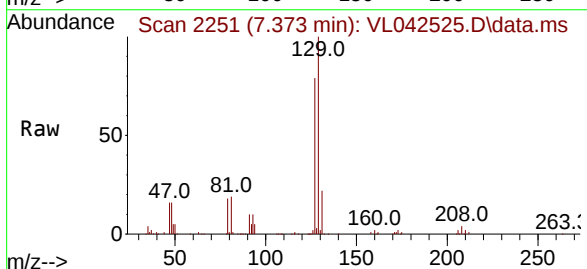
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VSTDICCC010

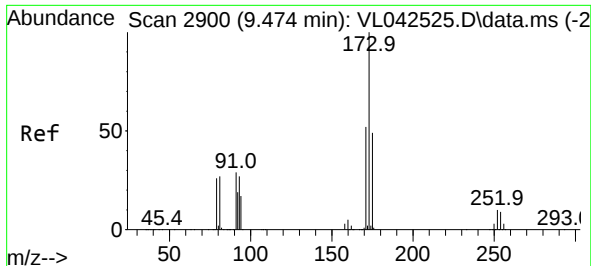
| Tgt Ion: | 97    | Resp: | 119791 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 82.5  | 66.0  | 99.0   |
| 85       | 53.5  | 42.8  | 64.2   |
| 99       | 58.5  | 46.8  | 70.2   |



#48  
 Dibromochloromethane  
 Concen: 9.517 ppbv  
 RT: 7.373 min Scan# 2251  
 Delta R.T. 0.000 min  
 Lab File: VL042525.D  
 Acq: 12 May 2025 08:57

| Tgt Ion: | 129   | Resp: | 211079 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 129      | 100   |       |        |
| 127      | 79.2  | 39.6  | 118.8  |

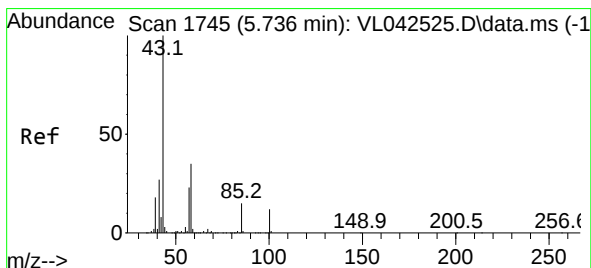
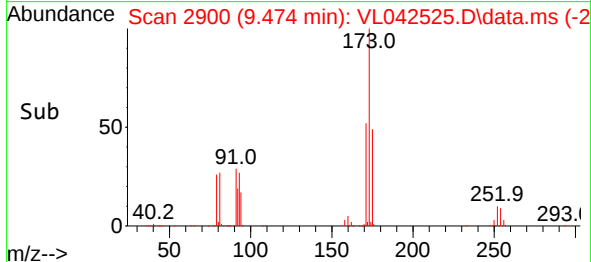
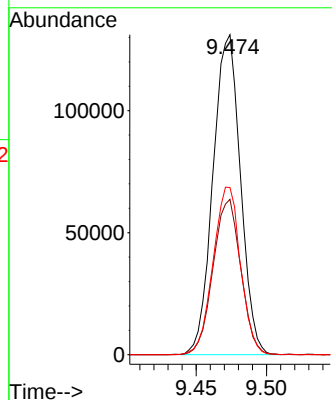
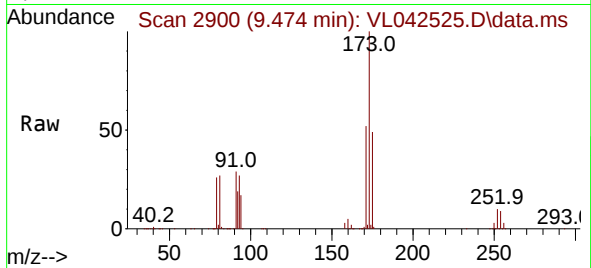




#49  
Bromoform  
Concen: 9.802 ppbv  
RT: 9.474 min Scan# 2900  
Delta R.T. 0.000 min  
Lab File: VL042525.D  
Acq: 12 May 2025 08:57

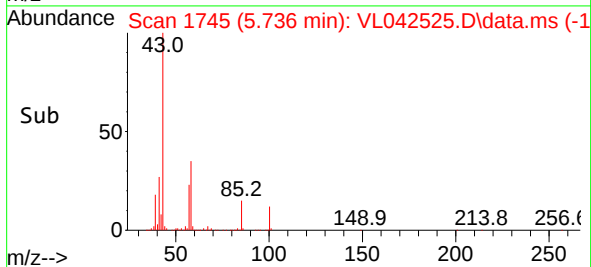
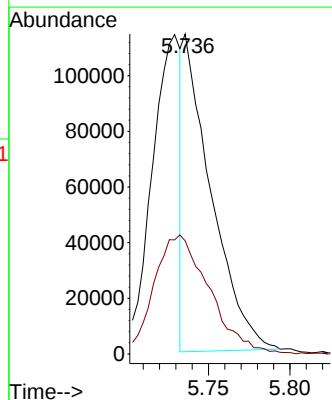
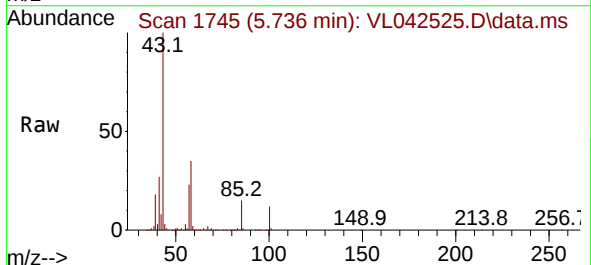
Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDICCC010

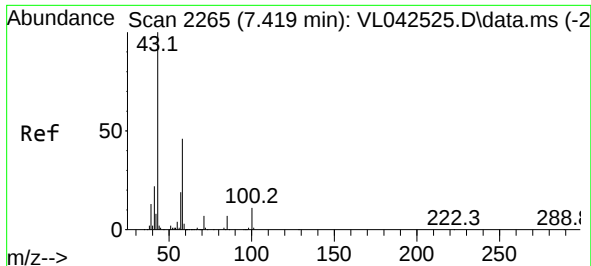
Tgt Ion:173 Resp: 178401  
Ion Ratio Lower Upper  
173 100  
175 48.9 39.1 58.7  
171 52.3 41.8 62.8



#50  
4-Methyl-2-Pentanone  
Concen: 5.159 ppbv  
RT: 5.736 min Scan# 1745  
Delta R.T. 0.000 min  
Lab File: VL042525.D  
Acq: 12 May 2025 08:57

Tgt Ion: 43 Resp: 136273  
Ion Ratio Lower Upper  
43 100  
58 74.1 28.6 42.8#

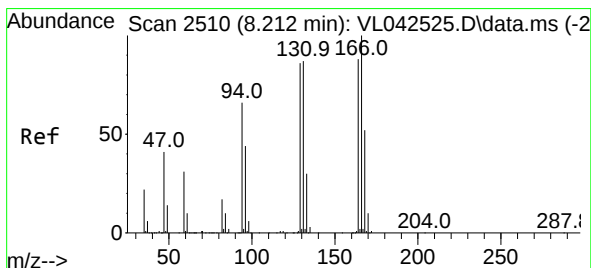
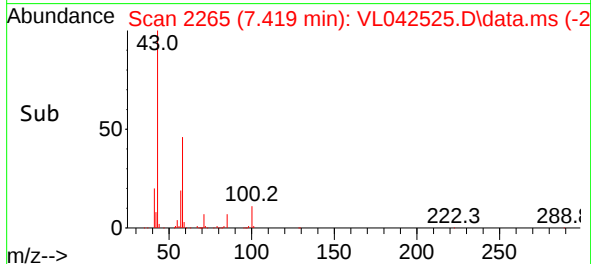
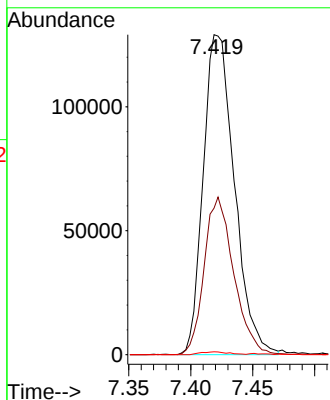
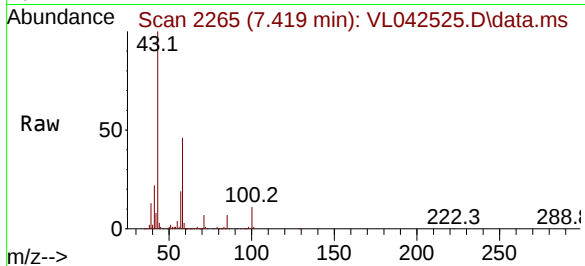




#51  
2-Hexanone  
Concen: 11.522 ppbv  
RT: 7.419 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VL042525.D  
Acq: 12 May 2025 08:57

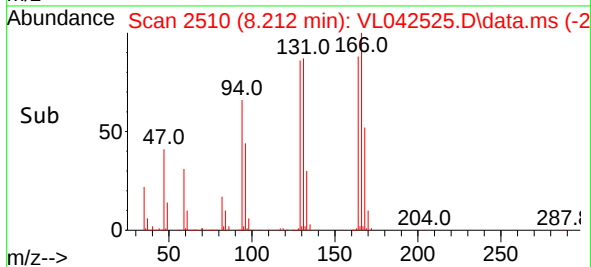
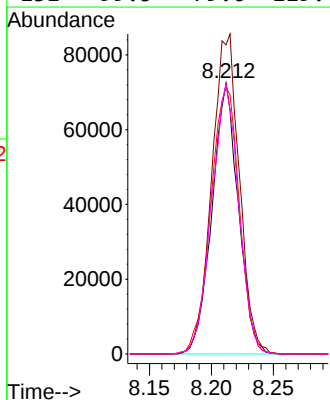
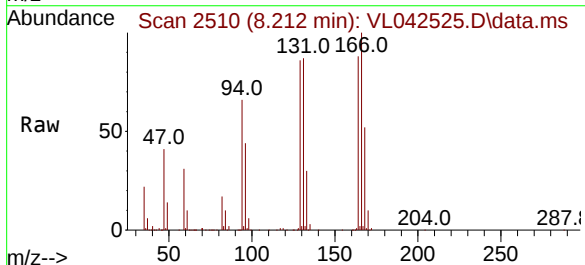
Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDICCC010

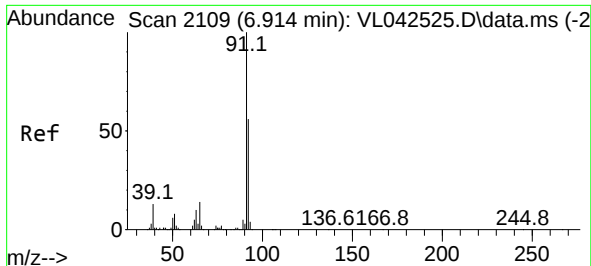
Tgt Ion: 43 Resp: 226227  
Ion Ratio Lower Upper  
43 100  
58 46.8 37.5 56.3  
98 1.1 0.9 1.3



#52  
Tetrachloroethene  
Concen: 9.209 ppbv  
RT: 8.212 min Scan# 2510  
Delta R.T. 0.000 min  
Lab File: VL042525.D  
Acq: 12 May 2025 08:57

Tgt Ion: 164 Resp: 107438  
Ion Ratio Lower Upper  
164 100  
166 114.1 91.3 136.9  
129 98.6 78.9 118.3  
131 99.5 79.6 119.4

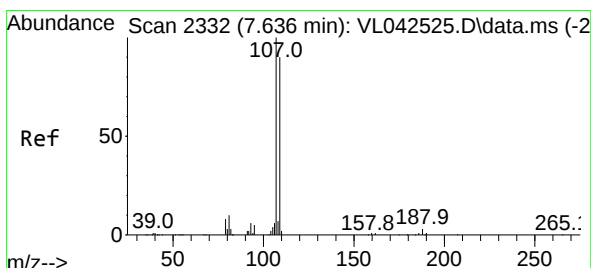
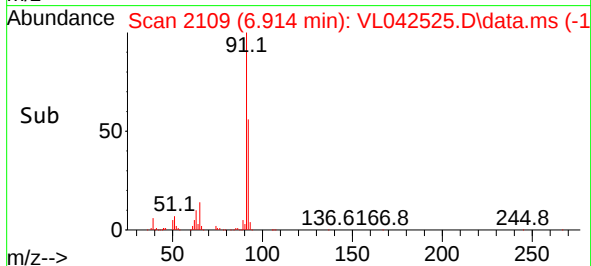
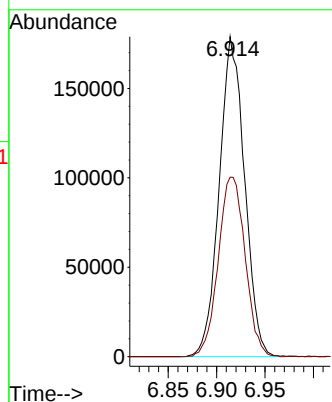
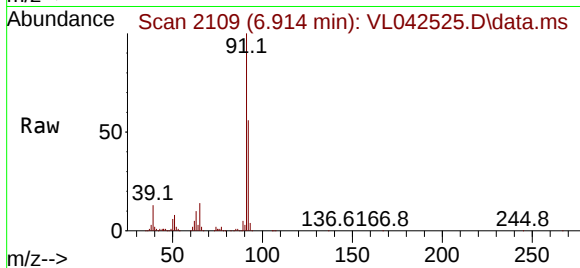




#53  
Toluene  
Concen: 10.955 ppbv  
RT: 6.914 min Scan# 2109  
Delta R.T. 0.000 min  
Lab File: VL042525.D  
Acq: 12 May 2025 08:57

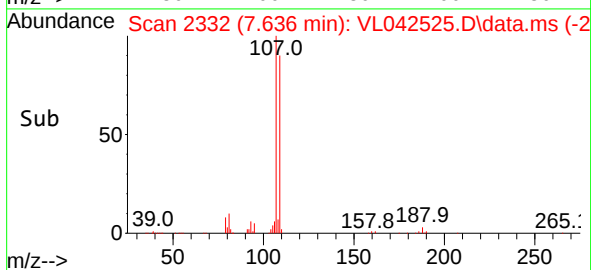
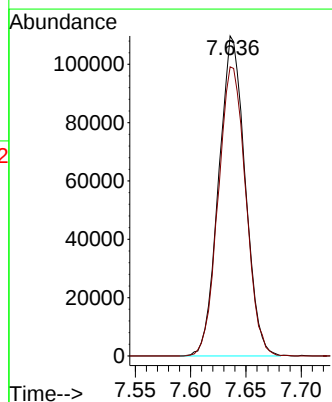
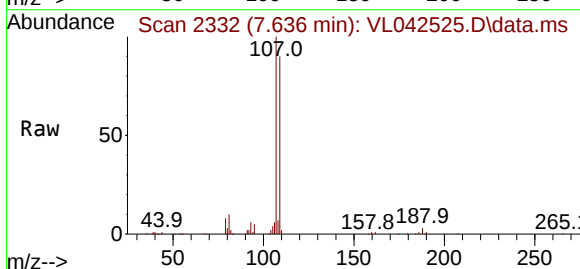
Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDICCC010

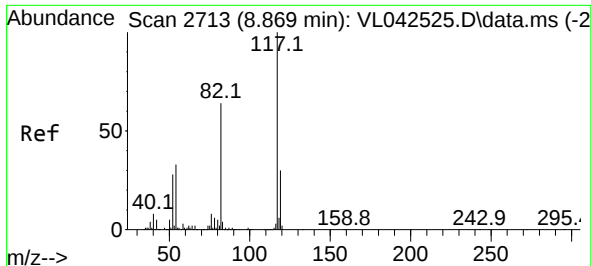
Tgt Ion: 91 Resp: 325568  
Ion Ratio Lower Upper  
91 100  
92 59.7 47.8 71.6



#54  
1,2-Dibromoethane  
Concen: 9.400 ppbv  
RT: 7.636 min Scan# 2332  
Delta R.T. 0.000 min  
Lab File: VL042525.D  
Acq: 12 May 2025 08:57

Tgt Ion: 107 Resp: 182336  
Ion Ratio Lower Upper  
107 100  
109 90.3 72.2 108.4

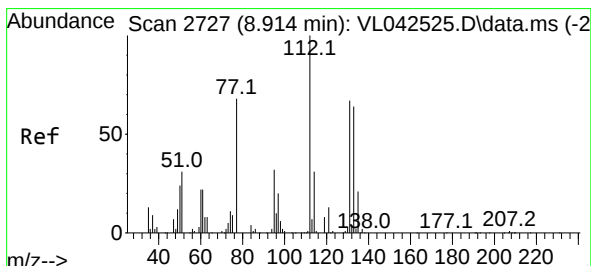
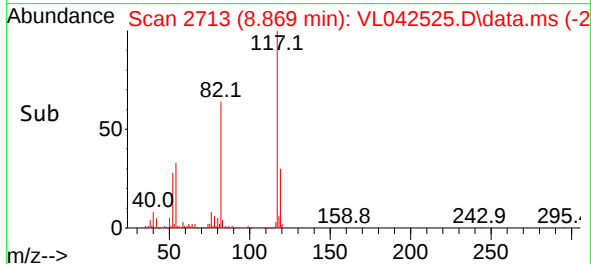
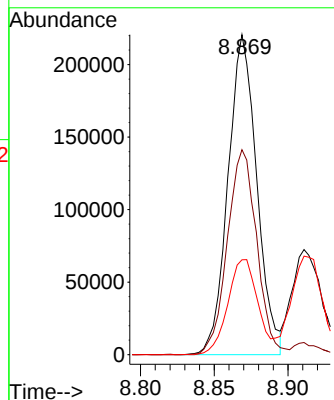
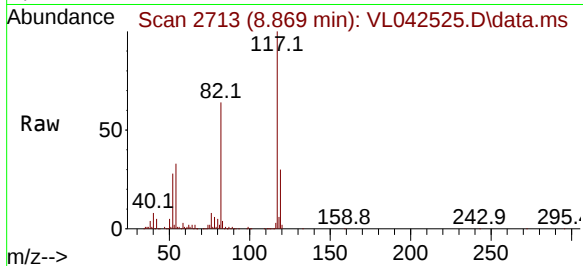




#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 8.869 min Scan# 2713  
Delta R.T. 0.000 min  
Lab File: VL042525.D  
Acq: 12 May 2025 08:57

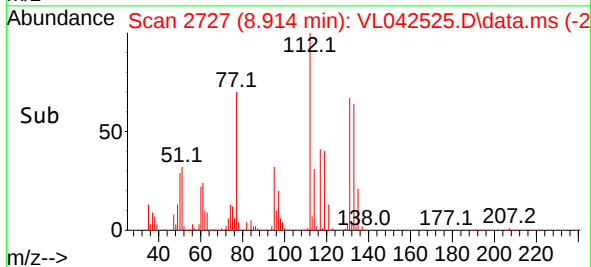
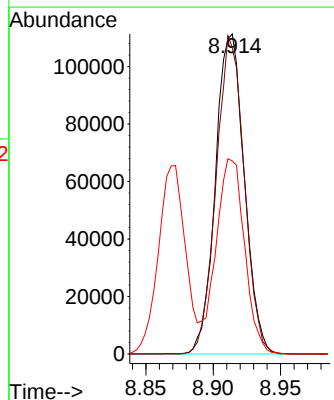
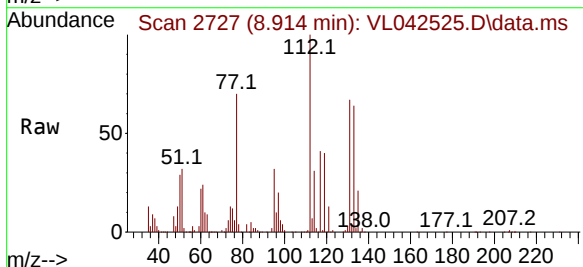
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MSVOA\_L  
ClientSampleId :  
VSTDICCC010

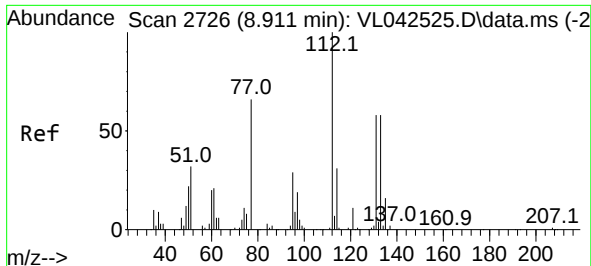
Tgt Ion:117 Resp: 299786  
Ion Ratio Lower Upper  
117 100  
82 68.7 55.0 82.4  
119 32.2 25.8 38.6



#56  
1,1,1,2-Tetrachloroethane  
Concen: 8.909 ppbv  
RT: 8.914 min Scan# 2727  
Delta R.T. 0.000 min  
Lab File: VL042525.D  
Acq: 12 May 2025 08:57

Tgt Ion:131 Resp: 165589  
Ion Ratio Lower Upper  
131 100  
133 96.8 77.4 116.2  
119 59.8 49.0 73.4

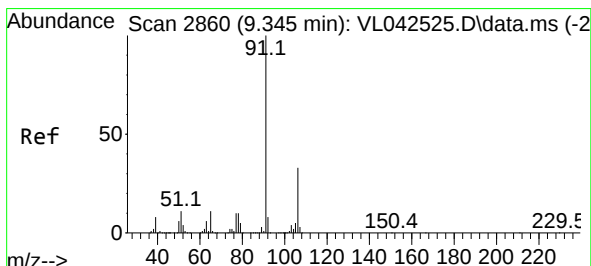
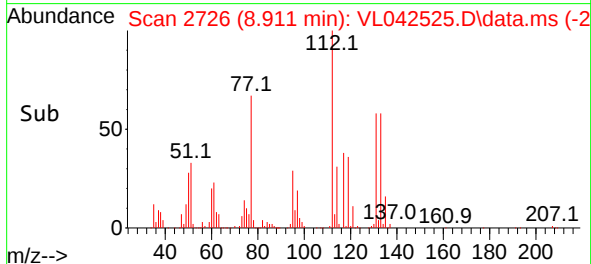
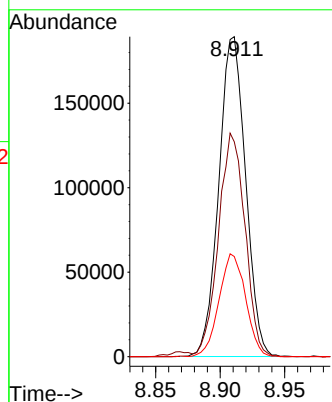
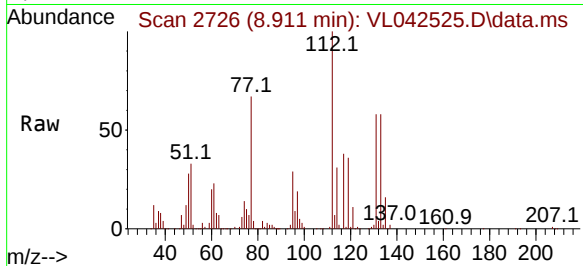




#57  
Chlorobenzene  
Concen: 9.077 ppbv  
RT: 8.911 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VL042525.D  
Acq: 12 May 2025 08:57

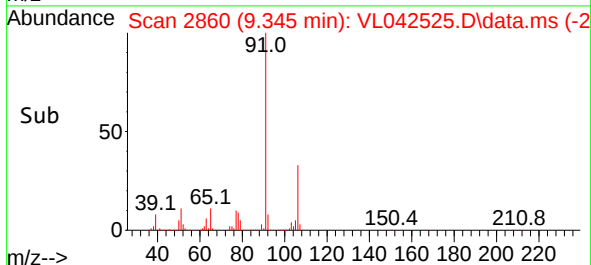
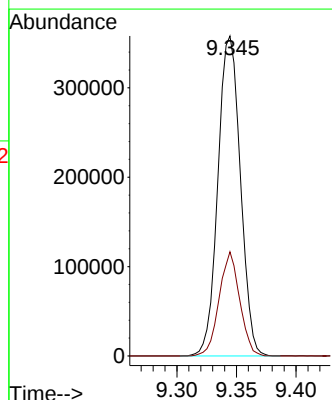
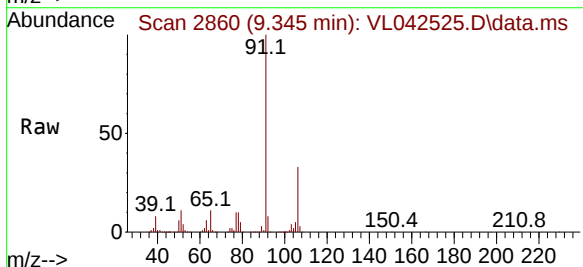
Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDICCC010

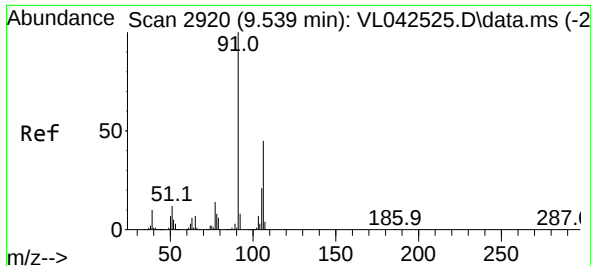
Tgt Ion:112 Resp: 273225  
Ion Ratio Lower Upper  
112 100  
77 67.0 53.6 80.4  
114 31.3 28.2 34.4



#58  
Ethyl Benzene  
Concen: 11.466 ppbv  
RT: 9.345 min Scan# 2860  
Delta R.T. 0.000 min  
Lab File: VL042525.D  
Acq: 12 May 2025 08:57

Tgt Ion: 91 Resp: 468520  
Ion Ratio Lower Upper  
91 100  
106 32.5 26.0 39.0





#59

m/p-Xylene

Concen: 11.184 ppbv

RT: 9.539 min Scan# 2920

Delta R.T. 0.000 min

Lab File: VL042525.D

Acq: 12 May 2025 08:57

Instrument :

MSVOA\_L

ClientSampleId :

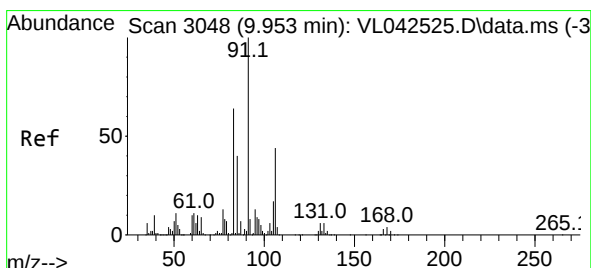
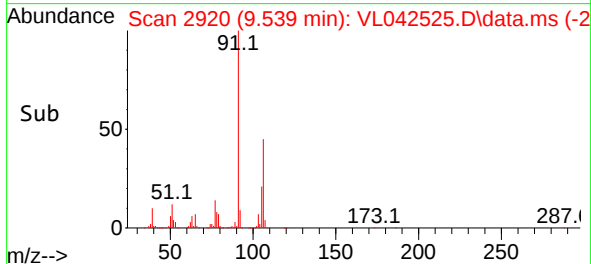
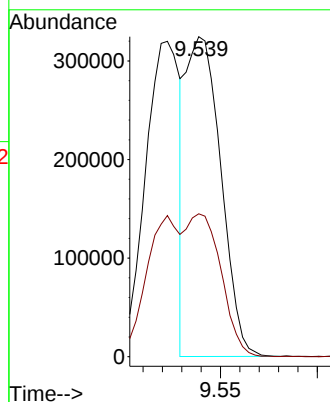
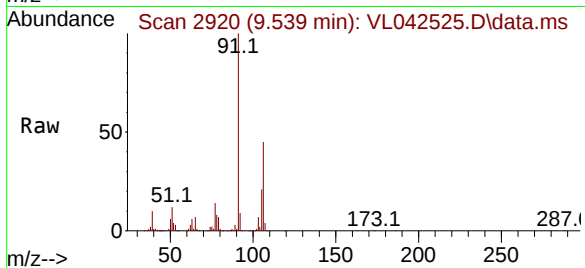
VSTDICCC010

Tgt Ion: 91 Resp: 406543

Ion Ratio Lower Upper

91 100

106 87.7 0.0 0.0#



#60

o-Xylene

Concen: 11.266 ppbv

RT: 9.953 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VL042525.D

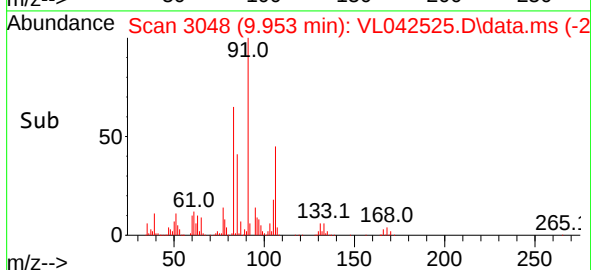
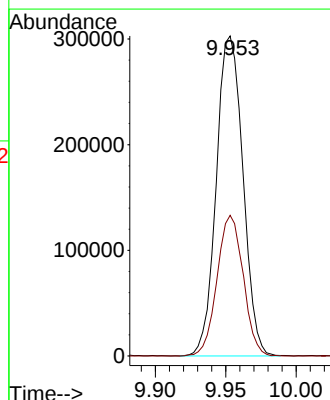
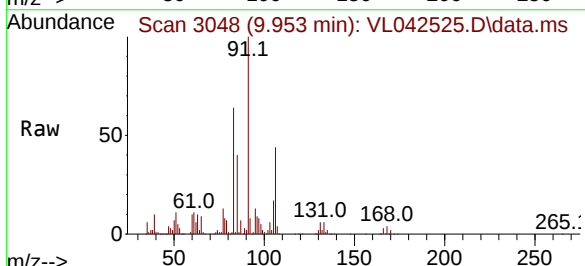
Acq: 12 May 2025 08:57

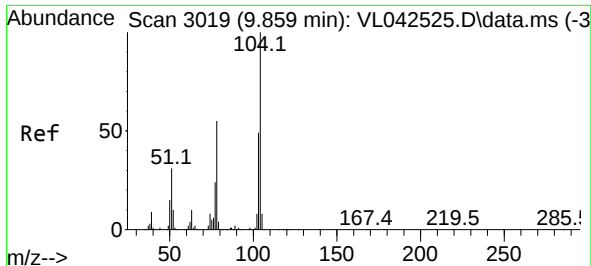
Tgt Ion: 91 Resp: 399046

Ion Ratio Lower Upper

91 100

106 43.1 21.6 64.6

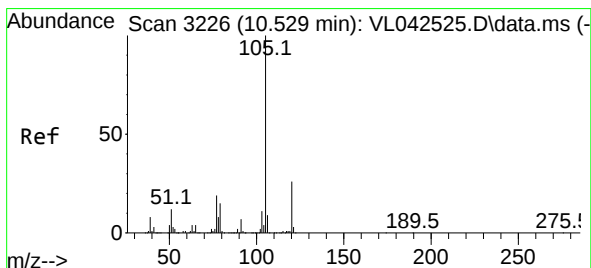
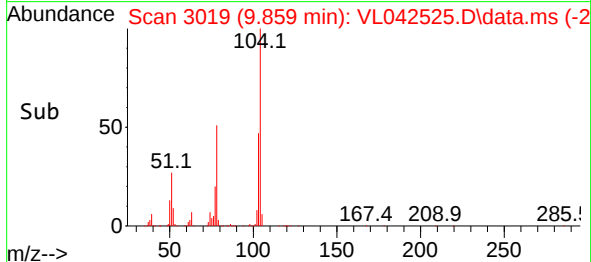
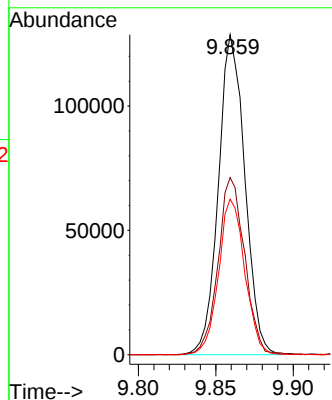
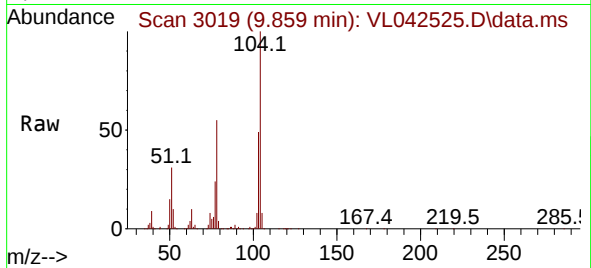




#61  
Styrene  
Concen: 11.686 ppbv  
RT: 9.859 min Scan# 3019  
Delta R.T. 0.000 min  
Lab File: VL042525.D  
Acq: 12 May 2025 08:57

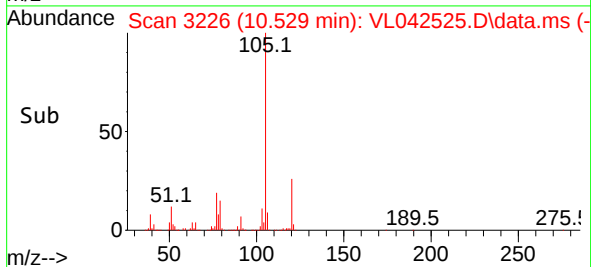
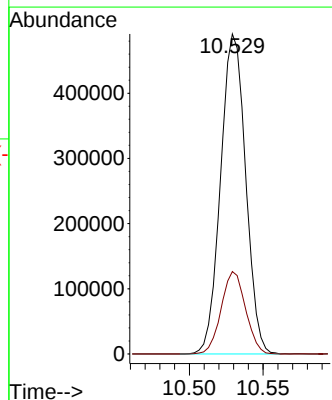
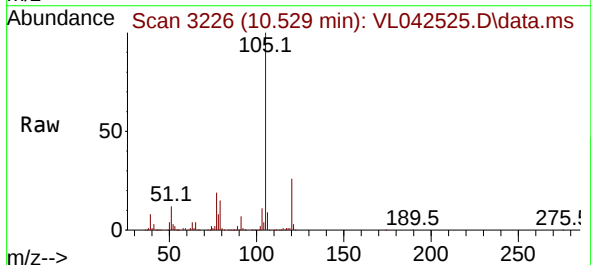
Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDICCC010

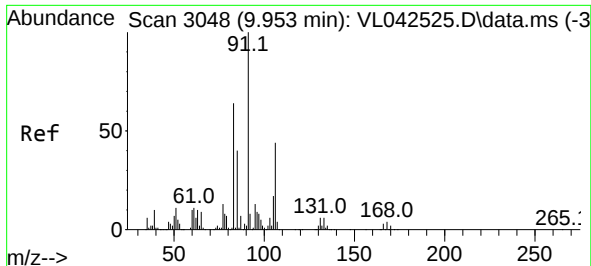
Tgt Ion:104 Resp: 152478  
Ion Ratio Lower Upper  
104 100  
78 55.8 44.7 67.1  
103 48.3 38.6 58.0



#62  
Isopropylbenzene  
Concen: 10.856 ppbv  
RT: 10.529 min Scan# 3226  
Delta R.T. 0.000 min  
Lab File: VL042525.D  
Acq: 12 May 2025 08:57

Tgt Ion:105 Resp: 579443  
Ion Ratio Lower Upper  
105 100  
120 25.1 20.1 30.1

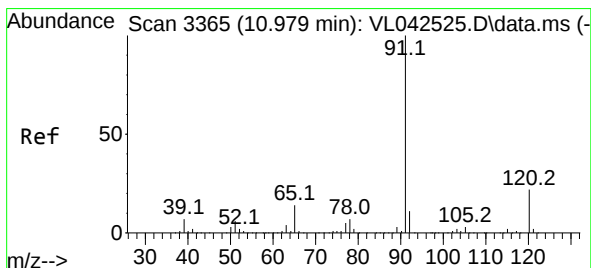
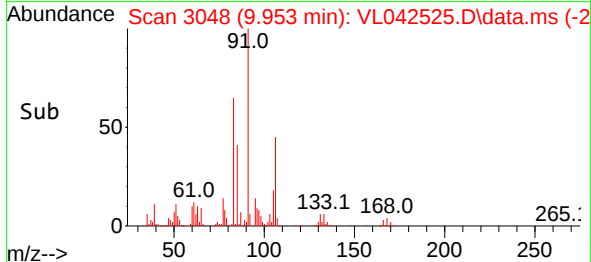
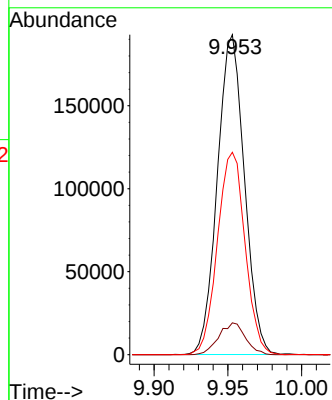
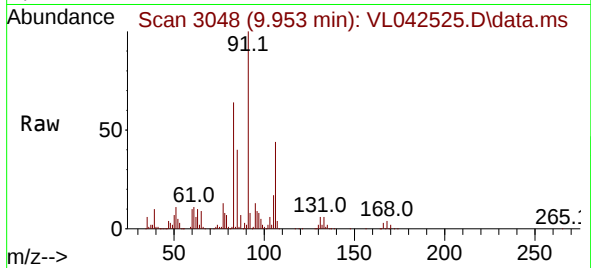




#63  
1,1,2,2-Tetrachloroethane  
Concen: 8.666 ppbv  
RT: 9.953 min Scan# 3048  
Delta R.T. 0.000 min  
Lab File: VL042525.D  
Acq: 12 May 2025 08:57

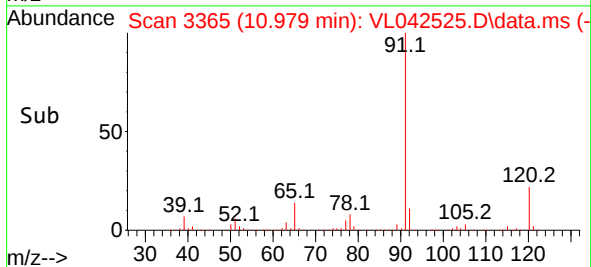
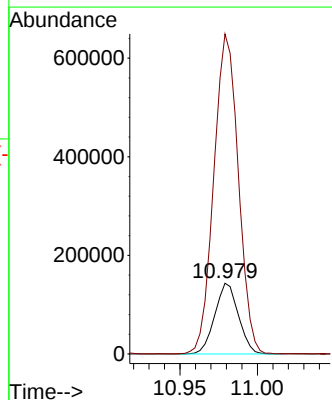
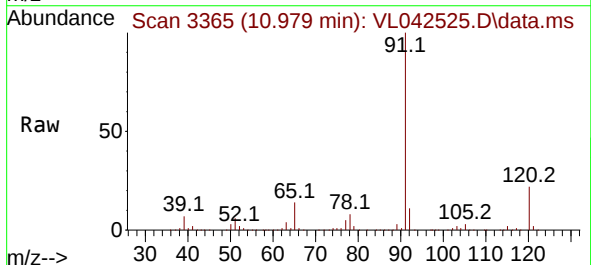
Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDICCC010

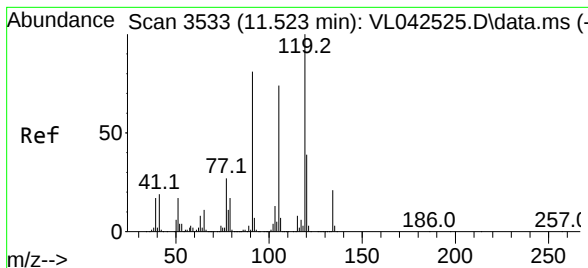
Tgt Ion: 83 Resp: 246197  
Ion Ratio Lower Upper  
83 100  
131 9.8 4.9 14.7  
85 64.5 32.3 96.8



#64  
n-propylbenzene  
Concen: 11.231 ppbv  
RT: 10.979 min Scan# 3365  
Delta R.T. 0.000 min  
Lab File: VL042525.D  
Acq: 12 May 2025 08:57

Tgt Ion: 120 Resp: 151897  
Ion Ratio Lower Upper  
120 100  
91 472.0 377.7 566.5

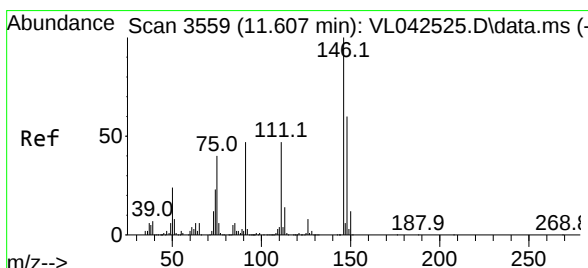
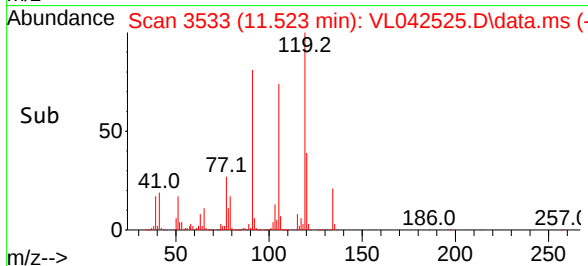
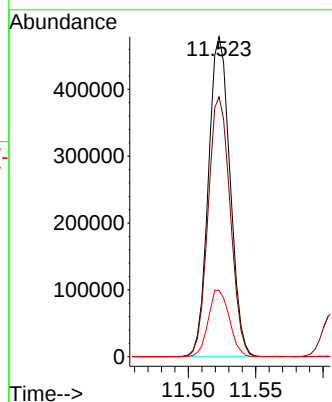
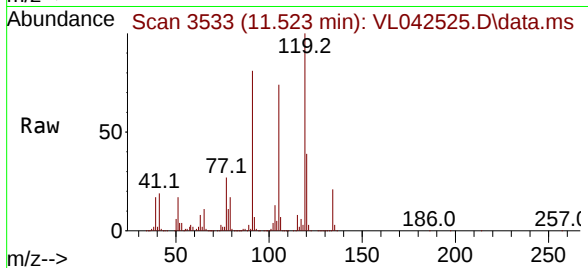




#65  
 tert-Butylbenzene  
 Concen: 10.884 ppbv  
 RT: 11.523 min Scan# 3533  
 Delta R.T. 0.000 min  
 Lab File: VL042525.D  
 Acq: 12 May 2025 08:57

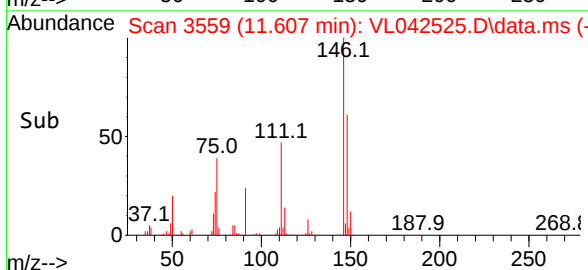
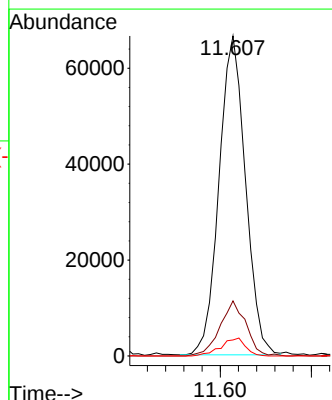
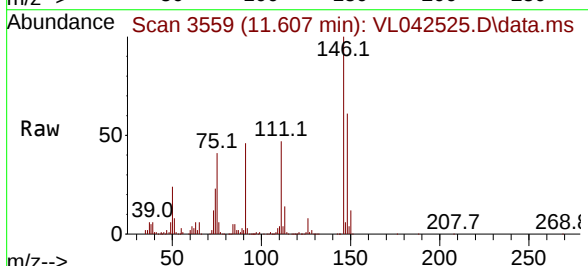
Instrument :  
 MSVOA\_1  
 ClientSampleId :  
 VSTDICCC010

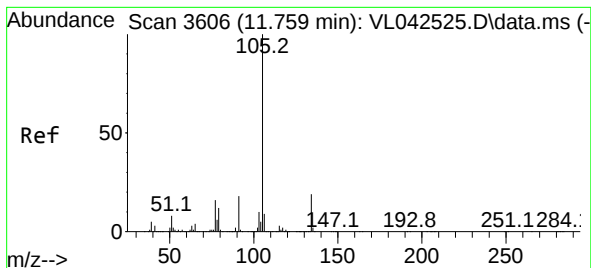
Tgt Ion:119 Resp: 533457  
 Ion Ratio Lower Upper  
 119 100  
 91 83.2 66.6 99.8  
 134 20.4 16.3 24.5



#66  
 Benzyl Chloride  
 Concen: 10.331 ppbv  
 RT: 11.607 min Scan# 3559  
 Delta R.T. 0.000 min  
 Lab File: VL042525.D  
 Acq: 12 May 2025 08:57

Tgt Ion: 91 Resp: 66999  
 Ion Ratio Lower Upper  
 91 100  
 126 17.1 13.7 20.5  
 128 5.2 4.2 6.2





#67

sec-Butylbenzene

Concen: 10.586 ppbv

RT: 11.759 min Scan# 3606

Delta R.T. 0.000 min

Lab File: VL042525.D

Acq: 12 May 2025 08:57

Instrument :

MSVOA\_1

ClientSampleId :

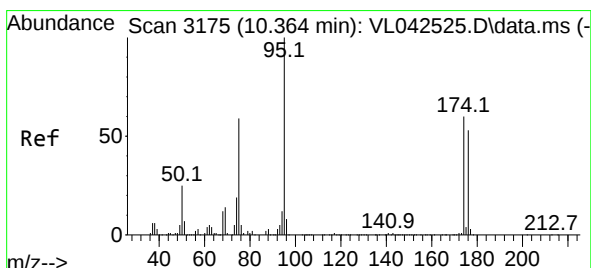
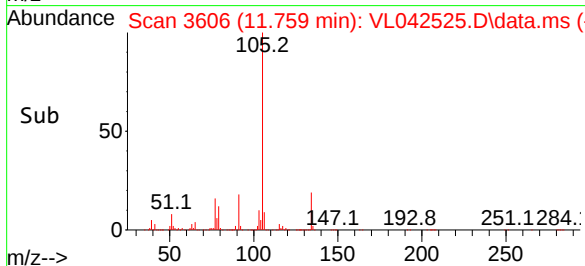
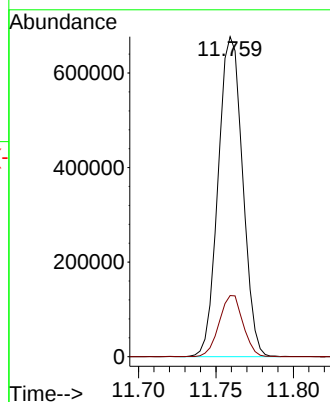
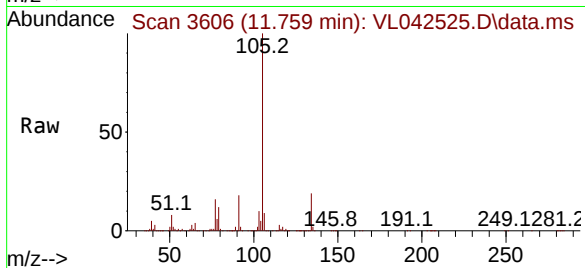
VSTDICCC010

Tgt Ion:105 Resp: 743905

Ion Ratio Lower Upper

105 100

134 18.6 14.9 22.3



#68

1-Bromo-4-Fluorobenzene

Concen: 10.029 ppbv

RT: 10.364 min Scan# 3175

Delta R.T. 0.000 min

Lab File: VL042525.D

Acq: 12 May 2025 08:57

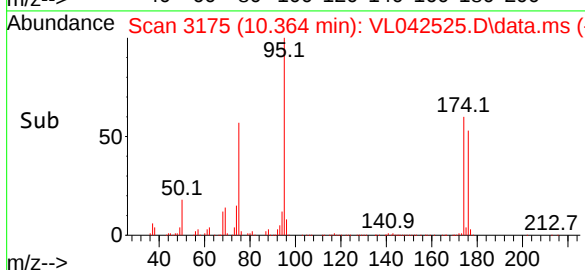
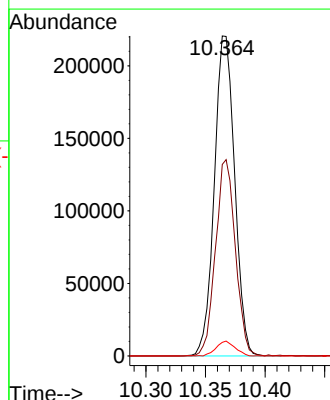
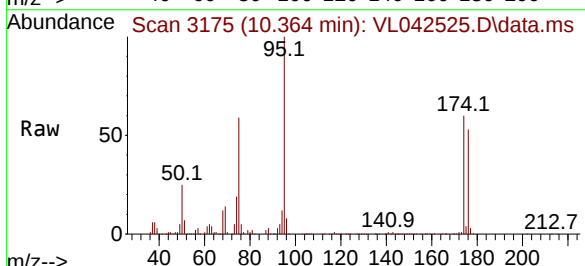
Tgt Ion: 95 Resp: 261594

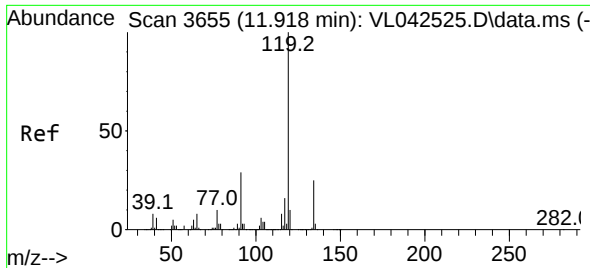
Ion Ratio Lower Upper

95 100

174 60.1 48.0 72.0

175 4.4 3.5 5.3

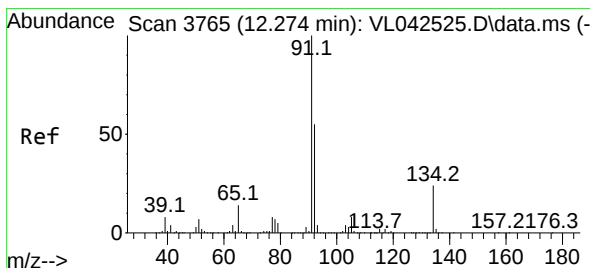
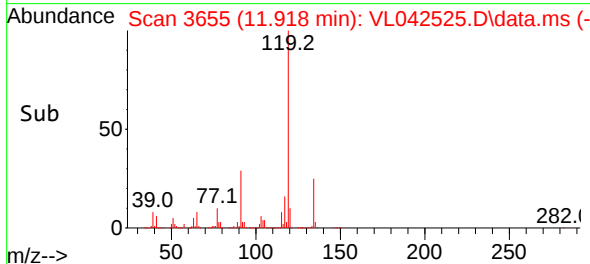
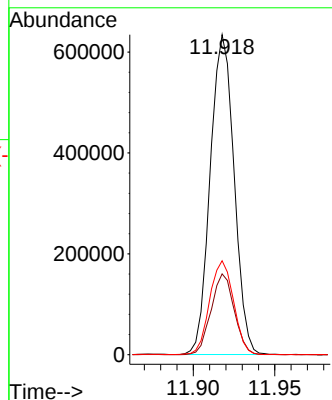
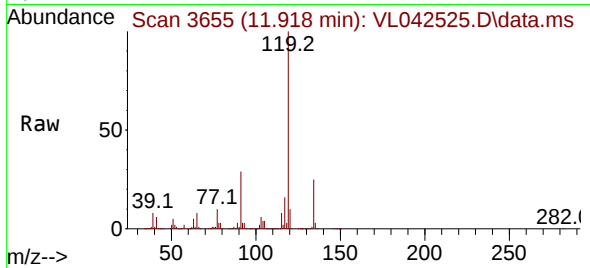




#69  
 p-Isopropyltoluene  
 Concen: 11.163 ppbv  
 RT: 11.918 min Scan# 3655  
 Delta R.T. 0.000 min  
 Lab File: VL042525.D  
 Acq: 12 May 2025 08:57

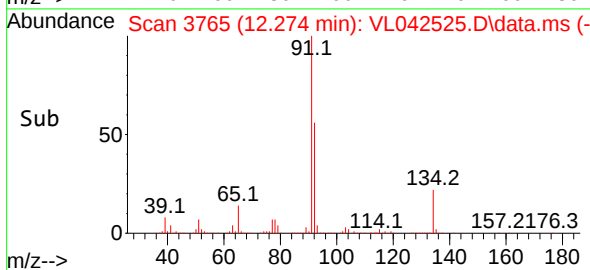
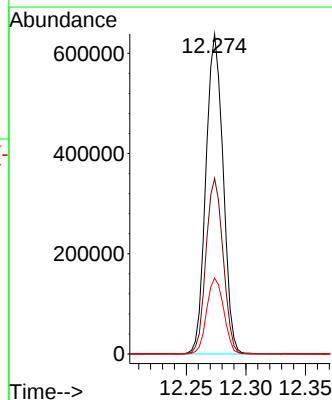
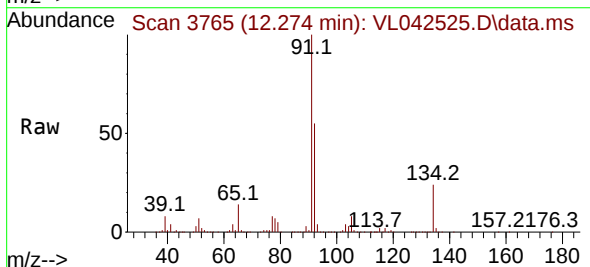
Instrument :  
 MSVOA\_1  
 ClientSampleId :  
 VSTDICCC010

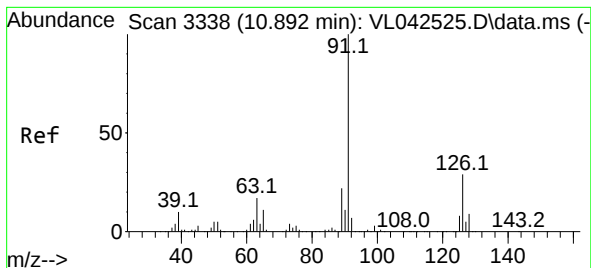
Tgt Ion:119 Resp: 644903  
 Ion Ratio Lower Upper  
 119 100  
 134 24.7 19.8 29.6  
 91 29.5 23.6 35.4



#70  
 n-Butylbenzene  
 Concen: 11.219 ppbv  
 RT: 12.274 min Scan# 3765  
 Delta R.T. 0.000 min  
 Lab File: VL042525.D  
 Acq: 12 May 2025 08:57

Tgt Ion: 91 Resp: 640472  
 Ion Ratio Lower Upper  
 91 100  
 92 54.6 43.7 65.5  
 134 23.6 18.9 28.3

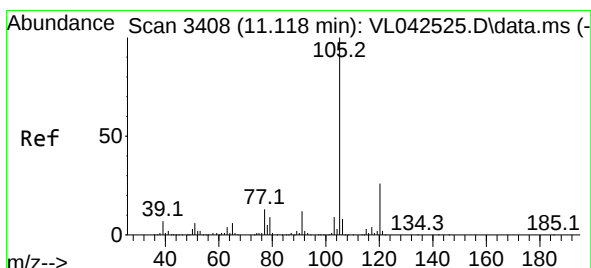
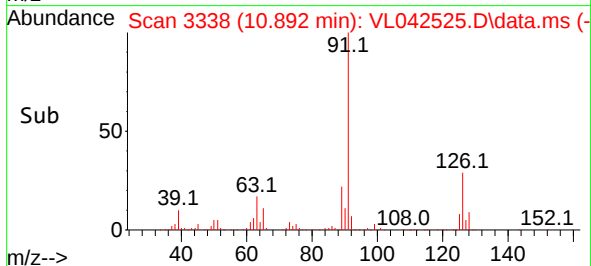
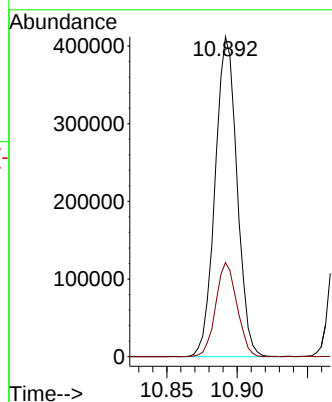
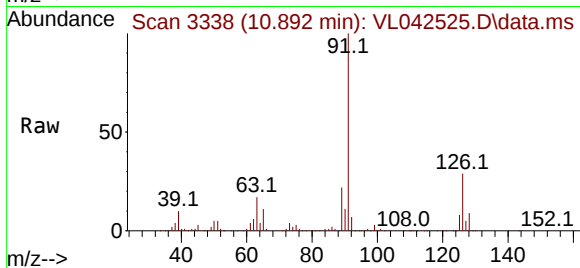




#71  
2-Chlorotoluene  
Concen: 11.047 ppbv  
RT: 10.892 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VL042525.D  
Acq: 12 May 2025 08:57

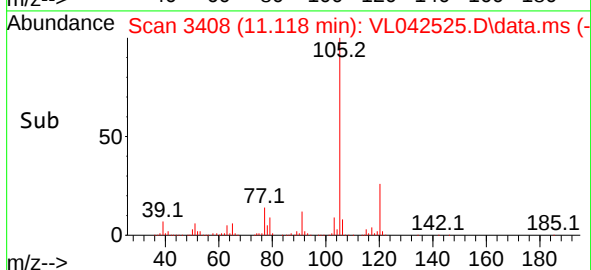
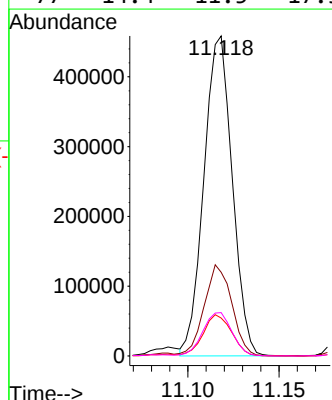
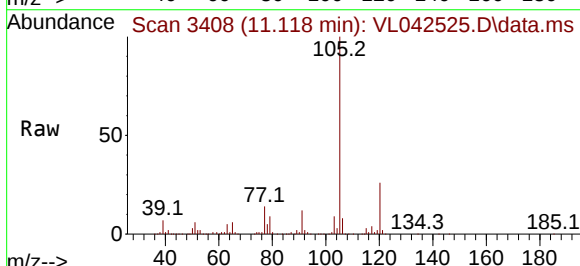
Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDICCC010

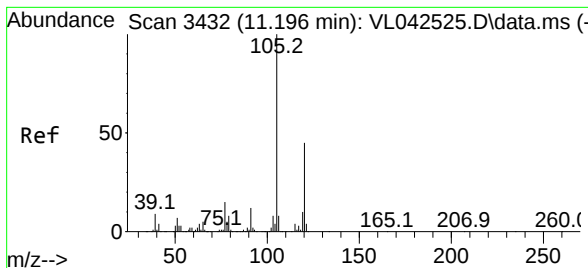
Tgt Ion: 91 Resp: 446467  
Ion Ratio Lower Upper  
91 100  
126 28.5 11.4 45.6



#72  
4-Ethyltoluene  
Concen: 11.285 ppbv  
RT: 11.118 min Scan# 3408  
Delta R.T. 0.000 min  
Lab File: VL042525.D  
Acq: 12 May 2025 08:57

Tgt Ion: 105 Resp: 496120  
Ion Ratio Lower Upper  
105 100  
120 28.6 22.9 34.3  
91 13.6 10.9 16.3  
77 14.4 11.5 17.3





#73

1,3,5-Trimethylbenzene

Concen: 11.076 ppbv

RT: 11.196 min Scan# 3432

Delta R.T. 0.000 min

Lab File: VL042525.D

Acq: 12 May 2025 08:57

Instrument :

MSVOA\_1

ClientSampleId :

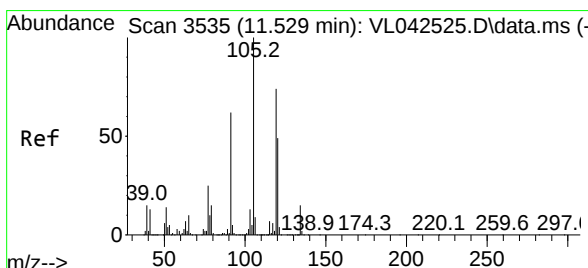
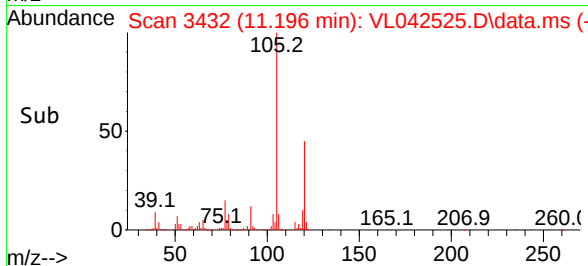
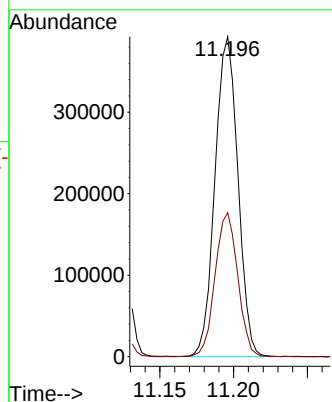
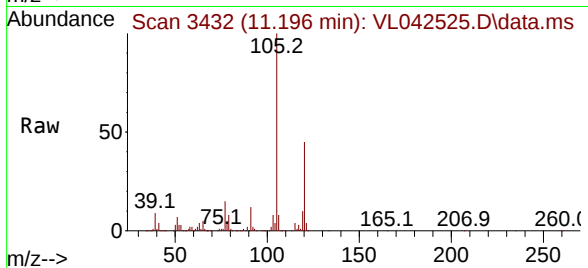
VSTDICCC010

Tgt Ion:105 Resp: 424133

Ion Ratio Lower Upper

105 100

120 45.0 36.0 54.0



#74

1,2,4-Trimethylbenzene

Concen: 10.313 ppbv

RT: 11.529 min Scan# 3535

Delta R.T. 0.000 min

Lab File: VL042525.D

Acq: 12 May 2025 08:57

Tgt Ion:105 Resp: 485862

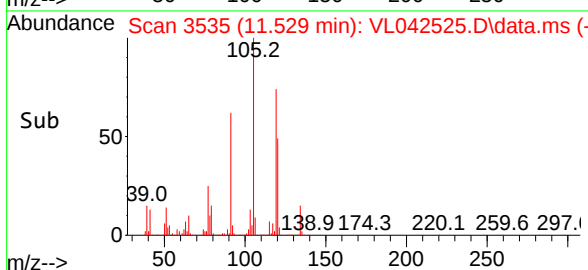
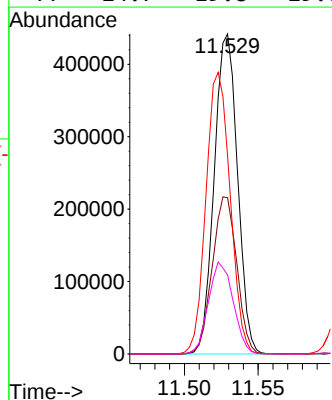
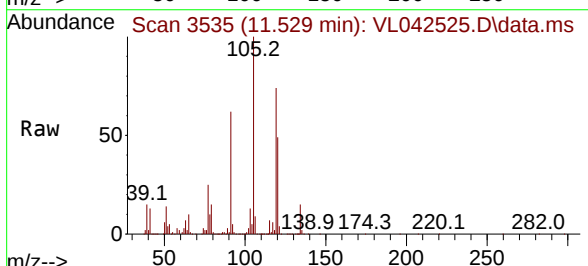
Ion Ratio Lower Upper

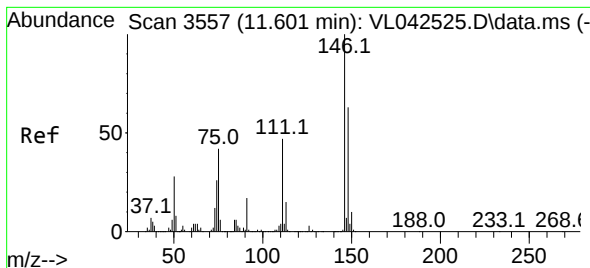
105 100

120 48.8 39.0 58.6

91 61.8 49.4 74.2

77 24.7 19.8 29.6





#75

1,3-Dichlorobenzene

Concen: 9.681 ppbv

RT: 11.601 min Scan# 3557

Delta R.T. 0.000 min

Lab File: VL042525.D

Acq: 12 May 2025 08:57

Instrument :

MSVOA\_1

ClientSampleId :

VSTDICCC010

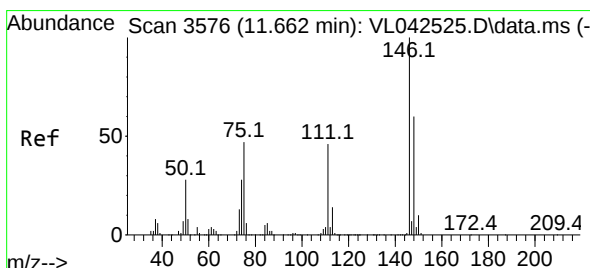
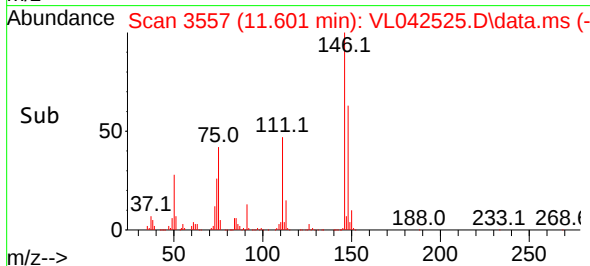
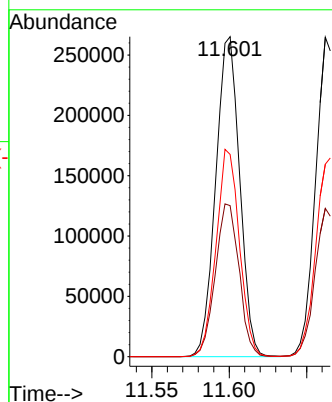
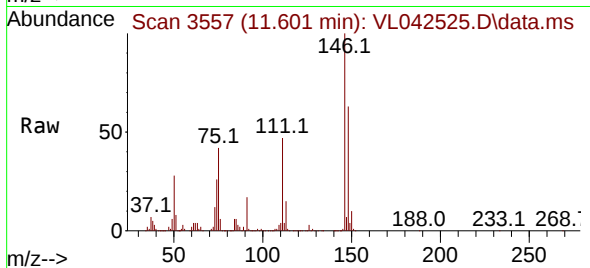
Tgt Ion:146 Resp: 285664

Ion Ratio Lower Upper

146 100

111 47.3 23.6 71.0

148 63.2 31.6 94.8



#76

1,4-Dichlorobenzene

Concen: 9.936 ppbv

RT: 11.662 min Scan# 3576

Delta R.T. 0.000 min

Lab File: VL042525.D

Acq: 12 May 2025 08:57

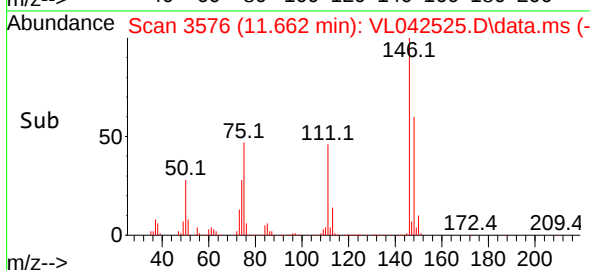
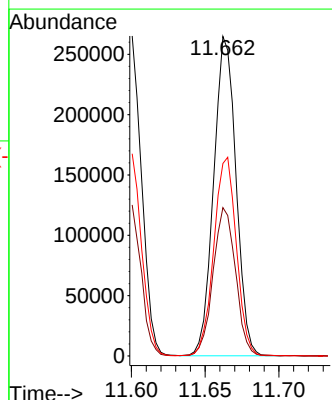
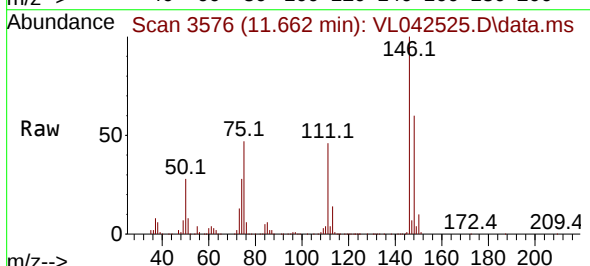
Tgt Ion:146 Resp: 278935

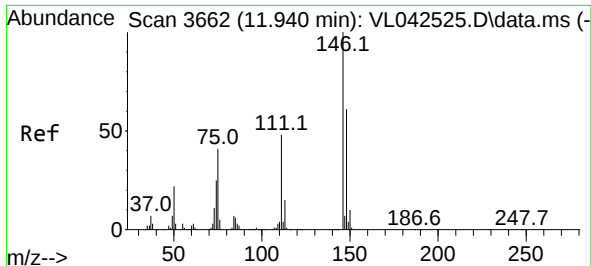
Ion Ratio Lower Upper

146 100

111 46.9 23.4 70.3

148 63.1 31.6 94.7

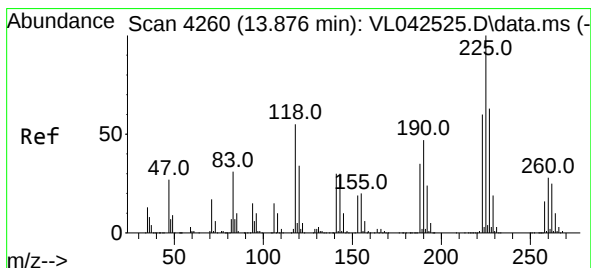
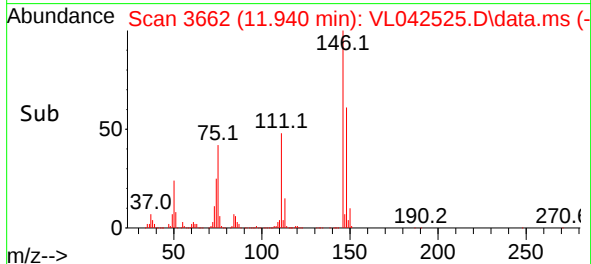
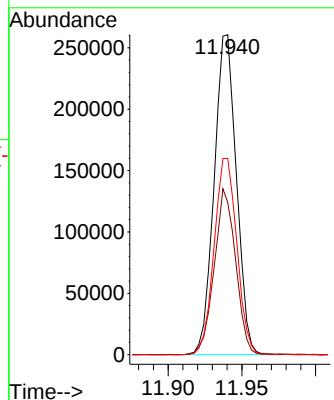
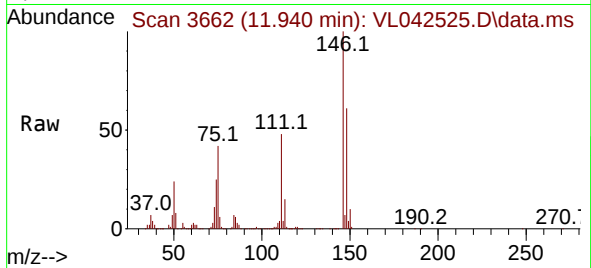




#77  
1,2-Dichlorobenzene  
Concen: 8.976 ppbv  
RT: 11.940 min Scan# 3662  
Delta R.T. 0.000 min  
Lab File: VL042525.D  
Acq: 12 May 2025 08:57

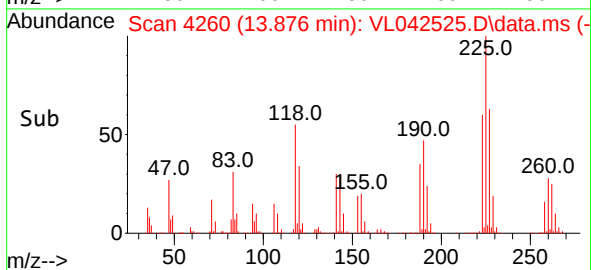
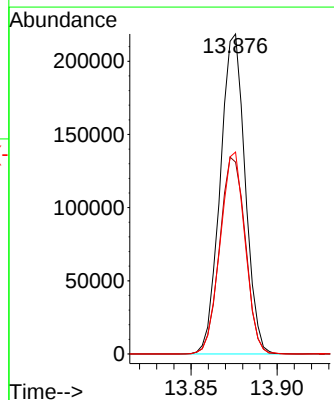
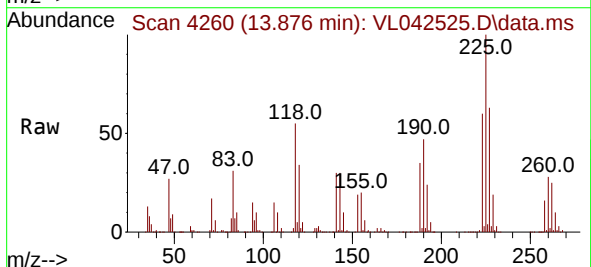
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MSVOA\_1  
ClientSampleId :  
VSTDICCC010

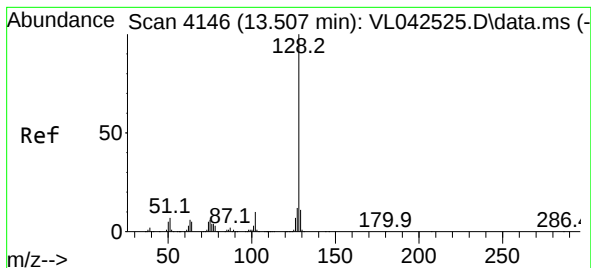
Tgt Ion:146 Resp: 273570  
Ion Ratio Lower Upper  
146 100  
111 49.8 24.9 74.8  
148 62.8 31.4 94.2



#78  
Hexachloro-1,3-Butadiene  
Concen: 8.408 ppbv  
RT: 13.876 min Scan# 4260  
Delta R.T. 0.000 min  
Lab File: VL042525.D  
Acq: 12 May 2025 08:57

Tgt Ion:225 Resp: 219741  
Ion Ratio Lower Upper  
225 100  
223 63.5 50.8 76.2  
227 63.1 50.5 75.7





#79

Naphthalene

Concen: 12.661 ppbv

RT: 13.507 min Scan# 4146

Delta R.T. 0.000 min

Lab File: VL042525.D

Acq: 12 May 2025 08:57

Instrument :

MSVOA\_L

ClientSampleId :

VSTDICCC010

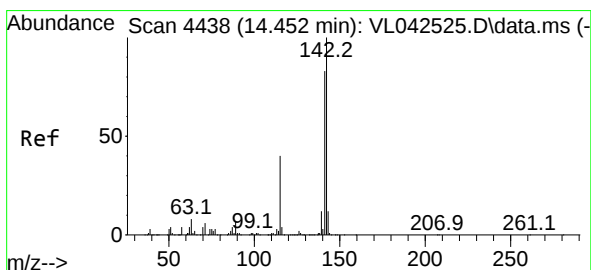
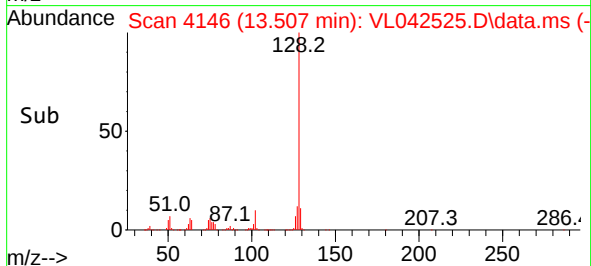
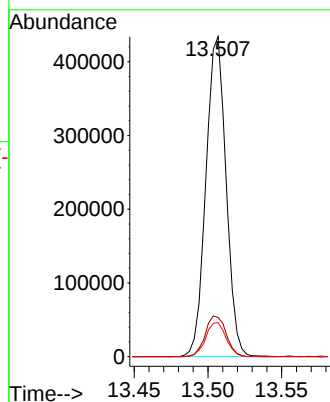
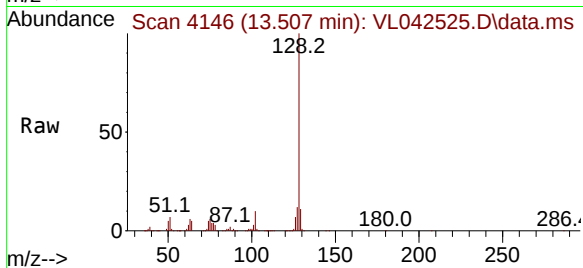
Tgt Ion:128 Resp: 411831

Ion Ratio Lower Upper

128 100

127 12.3 9.8 14.8

129 10.7 8.6 12.8



#80

Naphthalene,2-methyl-

Concen: 12.289 ppbv

RT: 14.452 min Scan# 4438

Delta R.T. 0.000 min

Lab File: VL042525.D

Acq: 12 May 2025 08:57

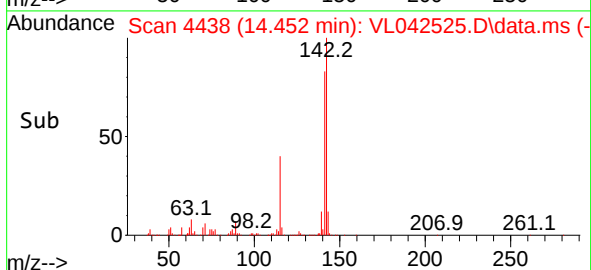
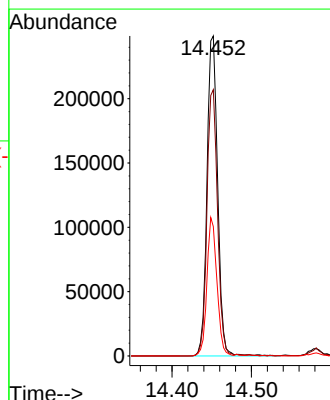
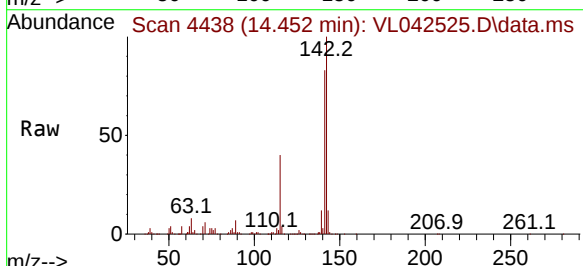
Tgt Ion:142 Resp: 232576

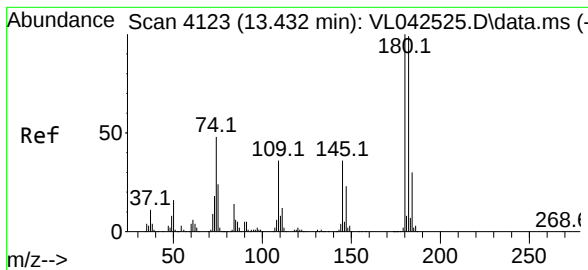
Ion Ratio Lower Upper

142 100

141 83.5 66.8 100.2

115 40.9 33.0 49.6





#81  
 1,2,4-Trichlorobenzene  
 Concen: 10.955 ppbv  
 RT: 13.432 min Scan# 41  
 Delta R.T. 0.000 min  
 Lab File: VL042525.D  
 Acq: 12 May 2025 08:57

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VSTDICCC010

Tgt Ion:180 Resp: 217565  
 Ion Ratio Lower Upper  
 180 100  
 182 95.9 76.6 114.8  
 184 30.7 24.6 36.8

