

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL090825\  
 Data File : VL042900.D  
 Acq On : 08 Sep 2025 11:05  
 Operator : SY/MD  
 Sample : VSTDC0010  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VSTDC0010

Quant Time: Sep 09 00:52:45 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL081325AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
 QLast Update : Tue Sep 09 00:52:26 2025  
 Response via : Initial Calibration

| Compound                | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------|-------|------|----------|--------|-------|----------|
| -----                   |       |      |          |        |       |          |
| Internal Standards      |       |      |          |        |       |          |
| 1) Bromochloromethane   | 2.777 | 49   | 126678   | 10.000 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 3.943 | 114  | 333606   | 10.000 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 8.869 | 117  | 282770   | 10.000 | ppbv  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 68) 1-Bromo-4-Fluorobenzene | 10.364 | 95    | 222314   | 10.483   | ppbv | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 104.800% |

| Target Compounds              |       |     |        |        |        | Qvalue |
|-------------------------------|-------|-----|--------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.492 | 85  | 195136 | 10.511 | ppbv   | 100    |
| 3) Chlorodifluoromethane      | 1.470 | 51  | 223887 | 10.910 | ppbv   | 98     |
| 4) Chloromethane              | 1.528 | 50  | 74830  | 9.988  | ppbv   | 99     |
| 5) Vinyl Chloride             | 1.577 | 62  | 70899  | 9.609  | ppbv   | 99     |
| 6) Bromomethane               | 1.664 | 94  | 28498  | 9.659  | ppbv   | 99     |
| 7) Chloroethane               | 1.700 | 64  | 28496  | 9.889  | ppbv   | 89     |
| 8) Dichlorotetrafluoroethane  | 1.551 | 85  | 158303 | 10.420 | ppbv   | 96     |
| 9) Propene                    | 1.476 | 41  | 88702  | 10.009 | ppbv   | 99     |
| 10) Heptane                   | 4.959 | 43  | 234952 | 9.898  | ppbv   | 98     |
| 11) Trichlorofluoromethane    | 1.871 | 101 | 188309 | 10.280 | ppbv   | 98     |
| 12) 1,1,2-Trichlorotrifluo... | 2.133 | 101 | 147287 | 10.089 | ppbv   | 96     |
| 13) Ethanol                   | 1.716 | 45  | 6525   | 8.052  | ppbv   | 98     |
| 14) Bromoethene               | 1.777 | 108 | 53755  | 10.171 | ppbv   | 99     |
| 15) Acetone                   | 1.829 | 43  | 145289 | 8.670  | ppbv   | 98     |
| 16) 1,3-Butadiene             | 1.602 | 39  | 70713  | 9.308  | ppbv   | 100    |
| 17) tert-Butyl alcohol        | 2.033 | 59  | 170394 | 8.574  | ppbv   | 99     |
| 18) 1,1-Dichloroethene        | 2.026 | 96  | 63544  | 9.900  | ppbv   | 94     |
| 19) Isopropyl Alcohol         | 1.881 | 45  | 89009  | 8.893  | ppbv   | 95     |
| 20) Methylene Chloride        | 2.056 | 84  | 57698  | 8.219  | ppbv   | 93     |
| 21) Allyl Chloride            | 2.088 | 41  | 114332 | 9.658  | ppbv   | 94     |
| 22) trans-1,2-Dichloroethene  | 2.331 | 96  | 74045  | 9.971  | ppbv   | 93     |
| 23) Vinyl Acetate             | 2.454 | 43  | 228268 | 9.907  | ppbv # | 97     |
| 24) 1,1-Dichloroethane        | 2.402 | 63  | 152618 | 10.291 | ppbv   | 99     |
| 25) Ethyl Acetate             | 2.826 | 43  | 415386 | 10.242 | ppbv   | 99     |
| 26) Hexane                    | 2.816 | 57  | 187779 | 10.031 | ppbv   | 95     |
| 27) Carbon Disulfide          | 2.143 | 76  | 193262 | 10.608 | ppbv   | 98     |
| 28) Methyl tert-Butyl Ether   | 2.431 | 73  | 85774  | 8.986  | ppbv   | 93     |
| 29) Chloroform                | 2.839 | 83  | 281659 | 10.538 | ppbv   | 98     |
| 30) Cyclohexane               | 3.842 | 84  | 153066 | 9.326  | ppbv   | 96     |
| 31) cis-1,2-Dichloroethene    | 2.713 | 61  | 182592 | 9.765  | ppbv   | 99     |
| 32) 1,1,1-Trichloroethane     | 3.357 | 97  | 271429 | 9.609  | ppbv   | 96     |
| 34) 2-Butanone                | 2.548 | 43  | 272735 | 12.107 | ppbv   | 98     |
| 35) Carbon Tetrachloride      | 3.748 | 117 | 269097 | 11.700 | ppbv   | 99     |
| 36) Benzene                   | 3.645 | 78  | 366027 | 11.458 | ppbv   | 97     |
| 37) 1,2-Dichloroethane        | 3.208 | 62  | 211728 | 12.686 | ppbv   | 98     |
| 38) Trichloroethene           | 4.532 | 130 | 151915 | 10.413 | ppbv   | 95     |
| 39) 1,2-Dichloropropane       | 4.299 | 63  | 139657 | 11.970 | ppbv   | 96     |
| 40) 1,4-Dioxane               | 4.561 | 88  | 56013  | 10.096 | ppbv # | 88     |
| 41) Tetrahydrofuran           | 3.043 | 42  | 148990 | 11.863 | ppbv   | 96     |
| 42) Bromodichloromethane      | 4.473 | 83  | 301814 | 12.136 | ppbv   | 98     |
| 43) Methyl Methacrylate       | 4.859 | 69  | 141813 | 10.776 | ppbv   | 95     |
| 44) 2,2,4-Trimethylpentane    | 4.622 | 57  | 631245 | 11.642 | ppbv   | 99     |
| 45) t-1,3-Dichloropropene     | 6.393 | 75  | 154622 | 10.411 | ppbv   | 98     |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL090825\  
 Data File : VL042900.D  
 Acq On : 08 Sep 2025 11:05  
 Operator : SY/MD  
 Sample : VSTDCCC010  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

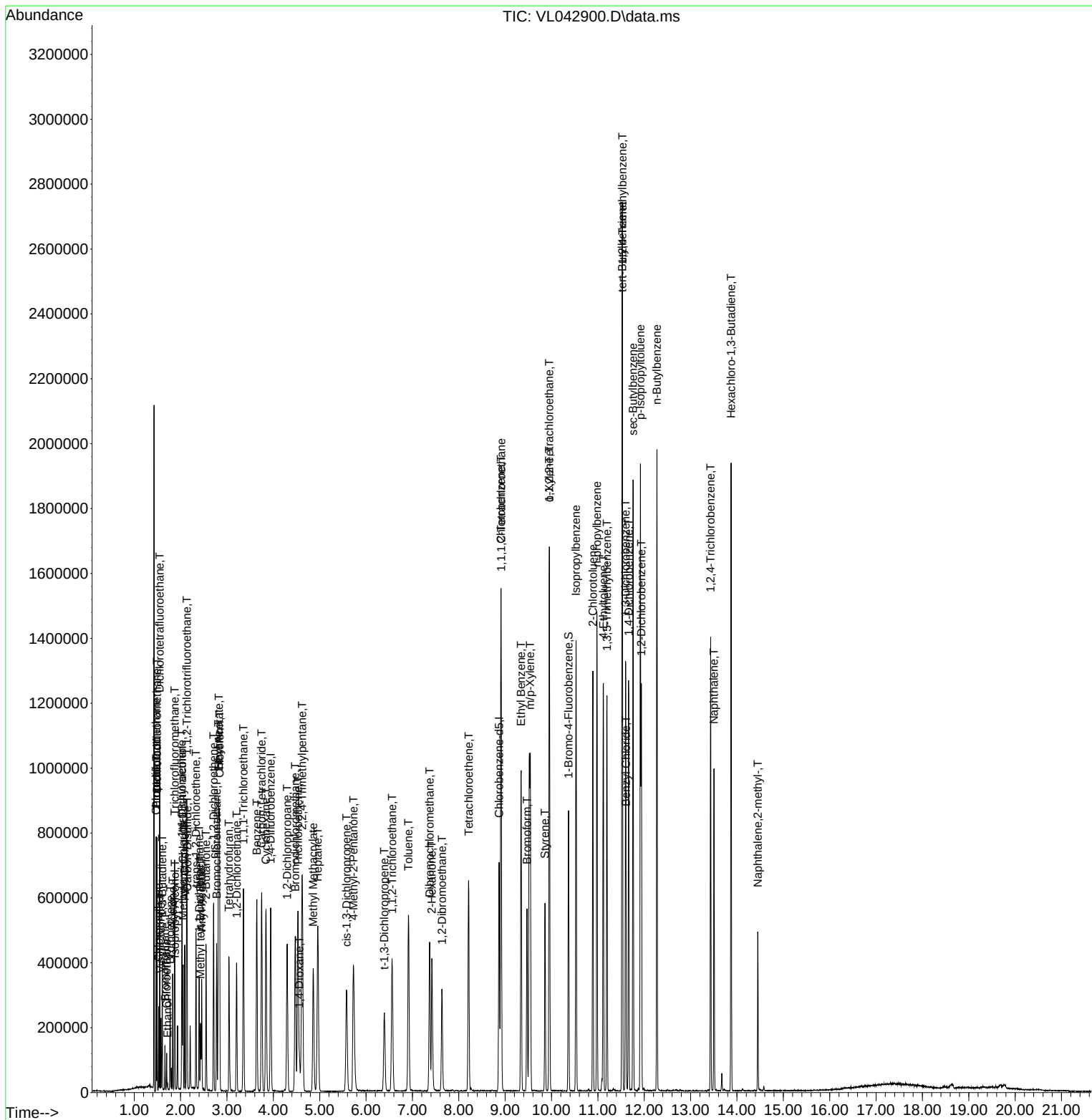
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VSTDCCC010

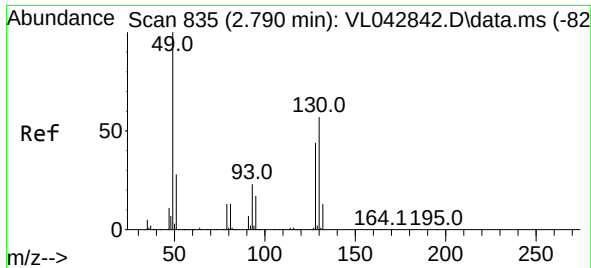
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 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
 QLast Update : Tue Sep 09 00:52:26 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 46) cis-1,3-Dichloropropene   | 5.580  | 75   | 200797   | 10.851 | ppbv   | 98       |
| 47) 1,1,2-Trichloroethane     | 6.561  | 97   | 144209   | 11.666 | ppbv   | 98       |
| 48) Dibromochloromethane      | 7.370  | 129  | 228649   | 11.430 | ppbv   | 100      |
| 49) Bromoform                 | 9.471  | 173  | 184068   | 11.158 | ppbv   | 98       |
| 50) 4-Methyl-2-Pentanone      | 5.729  | 43   | 359329   | 11.801 | ppbv   | 96       |
| 51) 2-Hexanone                | 7.419  | 43   | 284454   | 11.872 | ppbv # | 95       |
| 52) Tetrachloroethene         | 8.212  | 164  | 110334   | 9.547  | ppbv   | 98       |
| 53) Toluene                   | 6.914  | 91   | 402080   | 10.587 | ppbv   | 100      |
| 54) 1,2-Dibromoethane         | 7.636  | 107  | 204276   | 11.307 | ppbv   | 98       |
| 56) 1,1,1,2-Tetrachloroethane | 8.914  | 131  | 170319   | 11.648 | ppbv   | 99       |
| 57) Chlorobenzene             | 8.911  | 112  | 311373   | 11.581 | ppbv   | 97       |
| 58) Ethyl Benzene             | 9.345  | 91   | 558102   | 11.184 | ppbv   | 99       |
| 59) m/p-Xylene                | 9.539  | 91   | 468620   | 11.981 | ppbv # | 100      |
| 60) o-Xylene                  | 9.953  | 91   | 460968   | 11.716 | ppbv   | 100      |
| 61) Styrene                   | 9.859  | 104  | 195007   | 10.579 | ppbv   | 99       |
| 62) Isopropylbenzene          | 10.529 | 105  | 655164   | 11.394 | ppbv   | 98       |
| 63) 1,1,2,2-Tetrachloroethane | 9.953  | 83   | 266435   | 12.314 | ppbv   | 100      |
| 64) n-propylbenzene           | 10.979 | 120  | 164610   | 11.220 | ppbv   | 90       |
| 65) tert-Butylbenzene         | 11.523 | 119  | 561409   | 11.075 | ppbv   | 97       |
| 66) Benzyl Chloride           | 11.607 | 91   | 50803    | 7.895  | ppbv # | 98       |
| 67) sec-Butylbenzene          | 11.759 | 105  | 833114   | 11.709 | ppbv   | 98       |
| 69) p-Isopropyltoluene        | 11.918 | 119  | 667558   | 10.929 | ppbv   | 99       |
| 70) n-Butylbenzene            | 12.274 | 91   | 711012   | 11.736 | ppbv   | 98       |
| 71) 2-Chlorotoluene           | 10.892 | 91   | 498072   | 11.156 | ppbv   | 97       |
| 72) 4-Ethyltoluene            | 11.118 | 105  | 554411   | 11.624 | ppbv   | 98       |
| 73) 1,3,5-Trimethylbenzene    | 11.196 | 105  | 450409   | 11.105 | ppbv   | 98       |
| 74) 1,2,4-Trimethylbenzene    | 11.529 | 105  | 508605   | 11.424 | ppbv   | 95       |
| 75) 1,3-Dichlorobenzene       | 11.597 | 146  | 289650   | 11.445 | ppbv   | 99       |
| 76) 1,4-Dichlorobenzene       | 11.662 | 146  | 287352   | 11.226 | ppbv   | 99       |
| 77) 1,2-Dichlorobenzene       | 11.940 | 146  | 281307   | 11.351 | ppbv   | 99       |
| 78) Hexachloro-1,3-Butadiene  | 13.873 | 225  | 167893   | 8.266  | ppbv   | 99       |
| 79) Naphthalene               | 13.504 | 128  | 428355   | 10.613 | ppbv   | 99       |
| 80) Naphthalene,2-methyl-     | 14.449 | 142  | 127751   | 8.470  | ppbv   | 96       |
| 81) 1,2,4-Trichlorobenzene    | 13.432 | 180  | 207455   | 10.226 | ppbv   | 99       |

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

Quant Time: Sep 09 00:52:45 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL081325AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_LFri Aug 26 06:05:16 2022  
QLast Update : Tue Sep 09 00:52:26 2025  
Response via : Initial Calibration

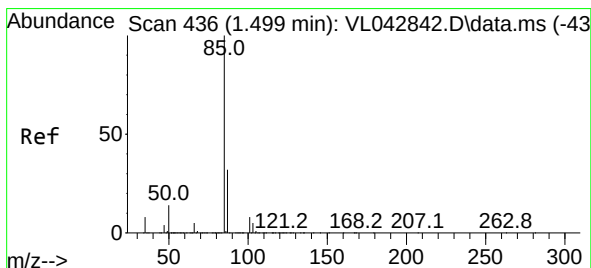
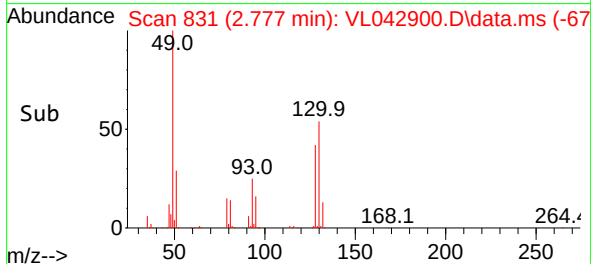
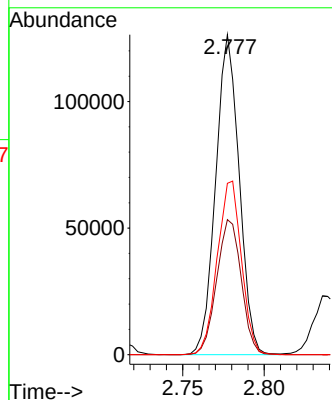
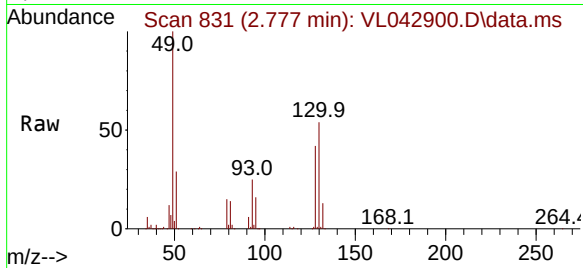




#1  
 Bromochloromethane  
 Concen: 10.000 ppbv  
 RT: 2.777 min Scan# 81  
 Delta R.T. 0.000 min  
 Lab File: VL042900.D  
 Acq: 08 Sep 2025 11:05

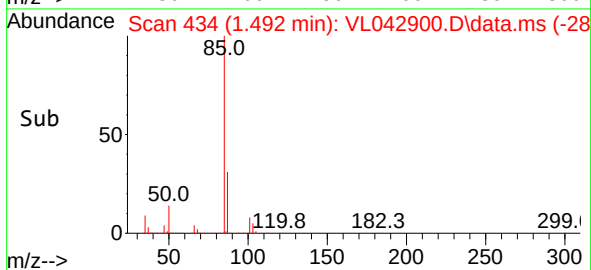
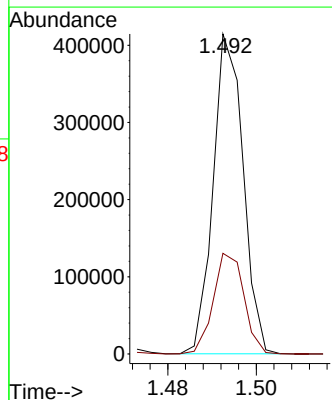
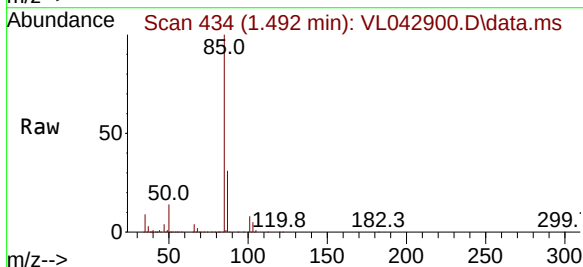
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VSTDCCC010

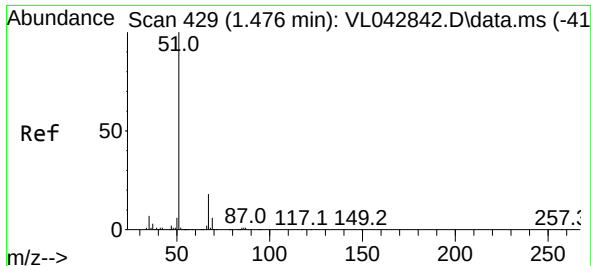
Tgt Ion: 49 Resp: 126678  
 Ion Ratio Lower Upper  
 49 100  
 128 44.1 23.7 71.1  
 130 55.7 30.6 91.6



#2  
 Dichlorodifluoromethane  
 Concen: 10.511 ppbv  
 RT: 1.492 min Scan# 434  
 Delta R.T. 0.000 min  
 Lab File: VL042900.D  
 Acq: 08 Sep 2025 11:05

Tgt Ion: 85 Resp: 195136  
 Ion Ratio Lower Upper  
 85 100  
 87 31.4 25.3 37.9

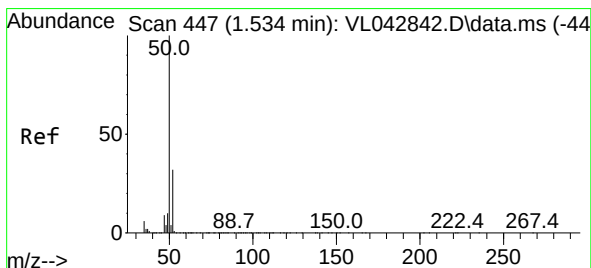
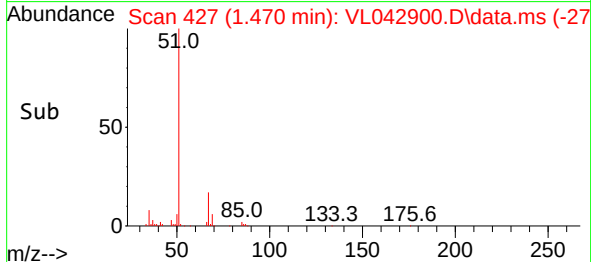
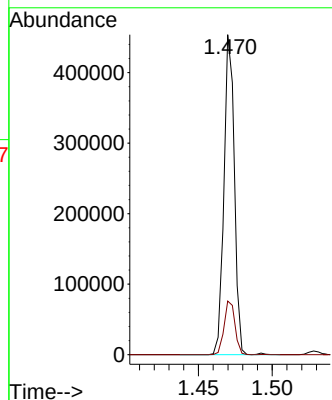
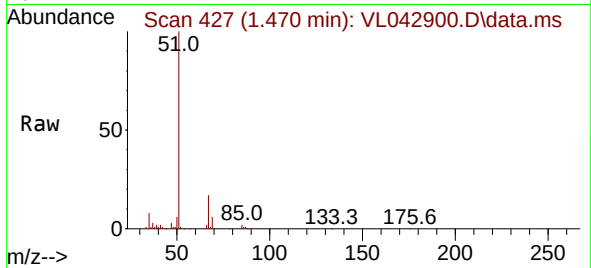




#3  
Chlorodifluoromethane  
Concen: 10.910 ppbv  
RT: 1.470 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VL042900.D  
Acq: 08 Sep 2025 11:05

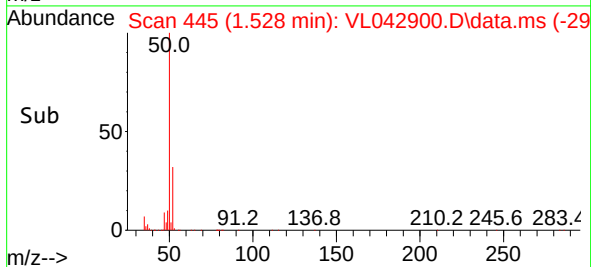
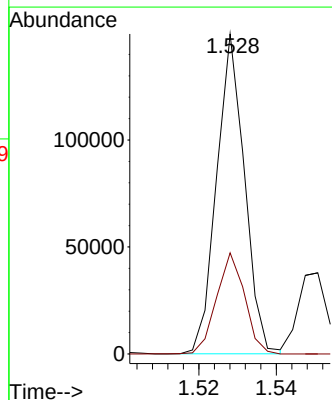
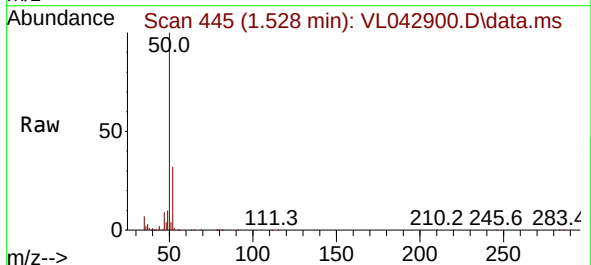
Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDCCC010

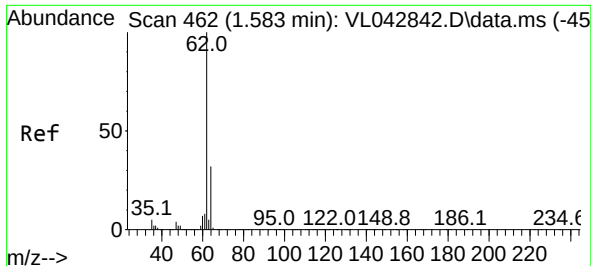
Tgt Ion: 51 Resp: 223887  
Ion Ratio Lower Upper  
51 100  
67 17.5 14.9 22.3



#4  
Chloromethane  
Concen: 9.988 ppbv  
RT: 1.528 min Scan# 445  
Delta R.T. 0.000 min  
Lab File: VL042900.D  
Acq: 08 Sep 2025 11:05

Tgt Ion: 50 Resp: 74830  
Ion Ratio Lower Upper  
50 100  
52 31.6 25.9 38.9

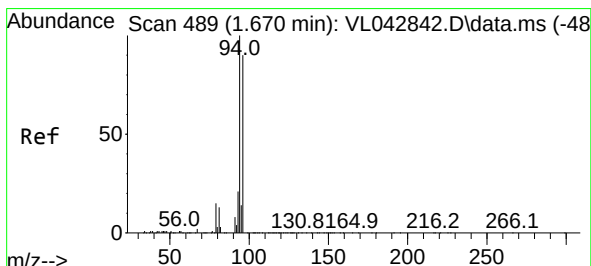
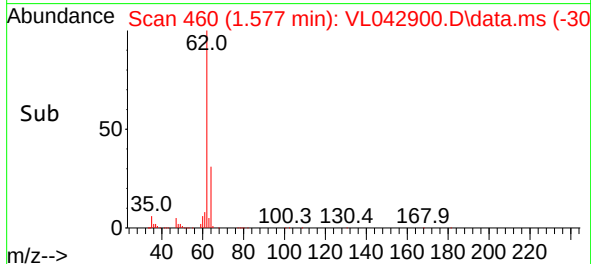
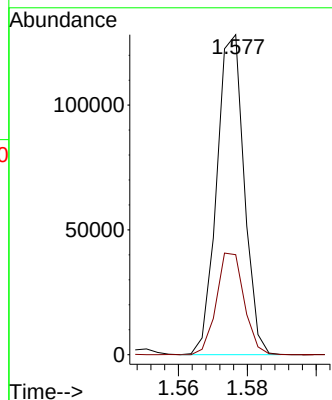
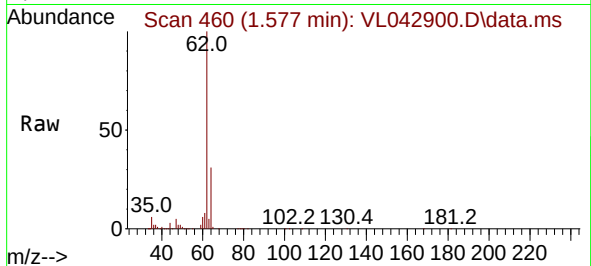




#5  
 Vinyl Chloride  
 Concen: 9.609 ppbv  
 RT: 1.577 min Scan# 460  
 Delta R.T. 0.000 min  
 Lab File: VL042900.D  
 Acq: 08 Sep 2025 11:05

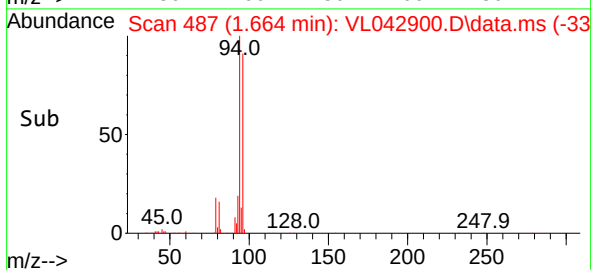
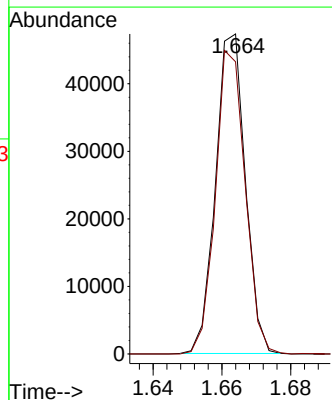
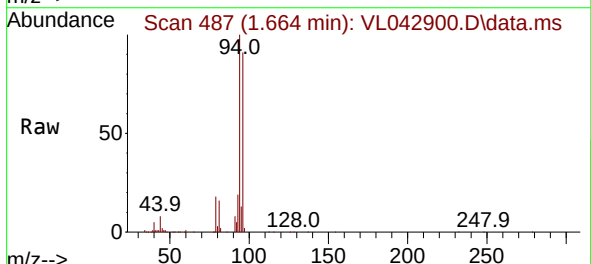
Instrument :  
 MSVOA\_1  
 ClientSampleId :  
 VSTDCCC010

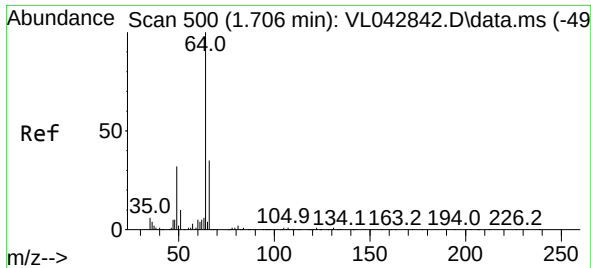
Tgt Ion: 62 Resp: 70899  
 Ion Ratio Lower Upper  
 62 100  
 64 31.3 25.4 38.2



#6  
 Bromomethane  
 Concen: 9.659 ppbv  
 RT: 1.664 min Scan# 487  
 Delta R.T. 0.000 min  
 Lab File: VL042900.D  
 Acq: 08 Sep 2025 11:05

Tgt Ion: 94 Resp: 28498  
 Ion Ratio Lower Upper  
 94 100  
 96 91.4 72.1 108.1

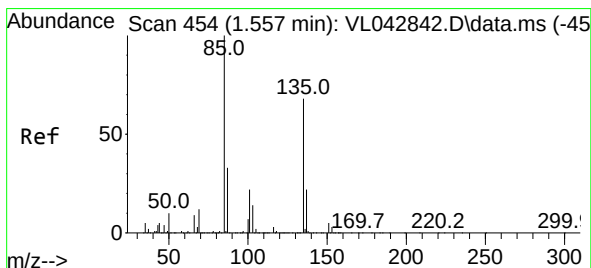
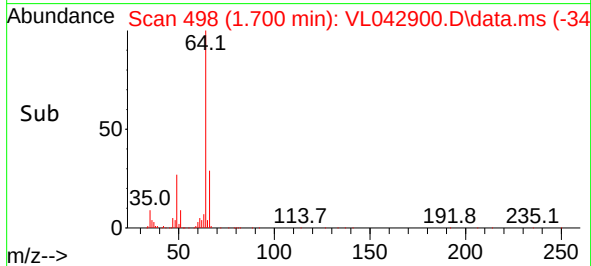
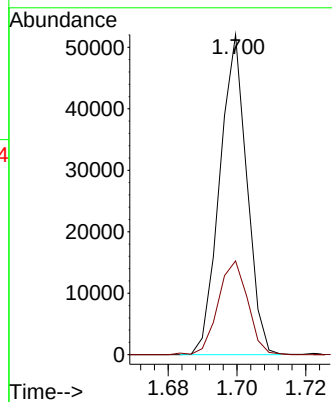
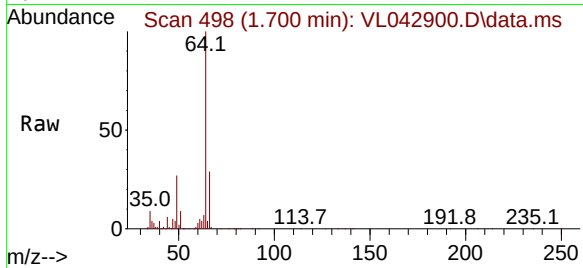




#7  
Chloroethane  
Concen: 9.889 ppbv  
RT: 1.700 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: VL042900.D  
Acq: 08 Sep 2025 11:05

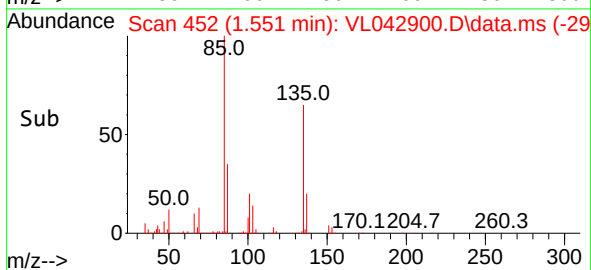
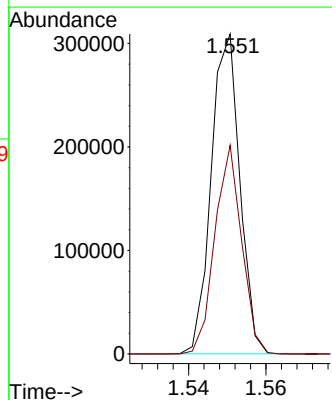
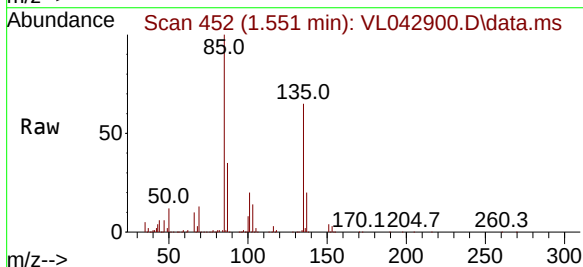
Instrument :  
MSVOA\_1  
ClientSampleId :  
VSTDCCC010

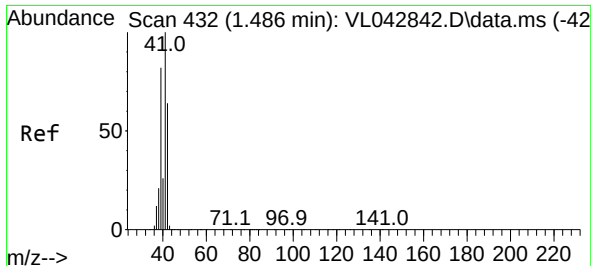
Tgt Ion: 64 Resp: 28496  
Ion Ratio Lower Upper  
64 100  
66 29.3 28.6 42.8



#8  
Dichlorotetrafluoroethane  
Concen: 10.420 ppbv  
RT: 1.551 min Scan# 452  
Delta R.T. 0.000 min  
Lab File: VL042900.D  
Acq: 08 Sep 2025 11:05

Tgt Ion: 85 Resp: 158303  
Ion Ratio Lower Upper  
85 100  
135 61.2 51.2 76.8

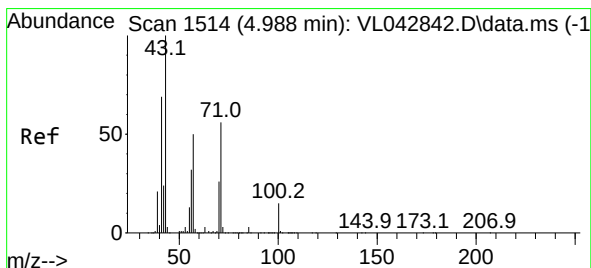
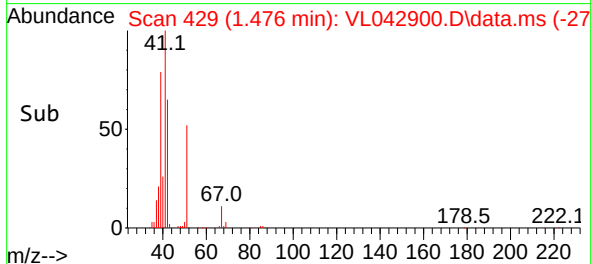
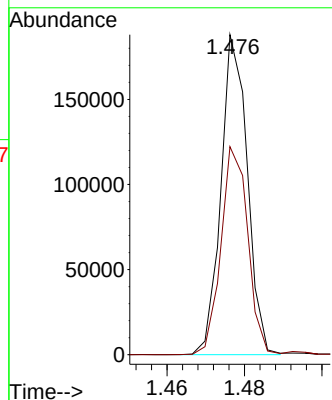
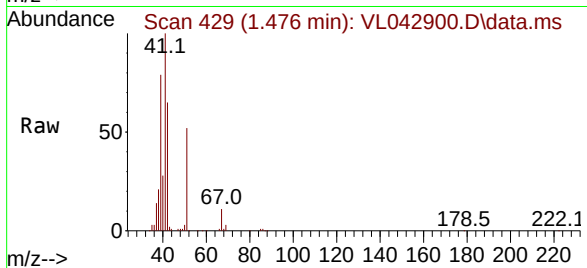




#9  
Propene  
Concen: 10.009 ppbv  
RT: 1.476 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VL042900.D  
Acq: 08 Sep 2025 11:05

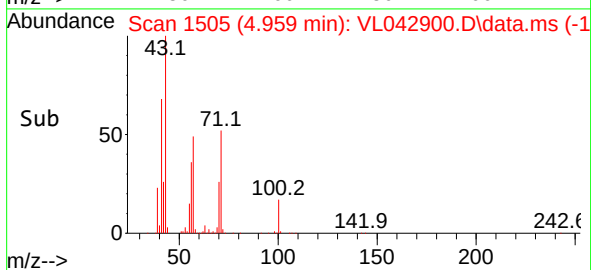
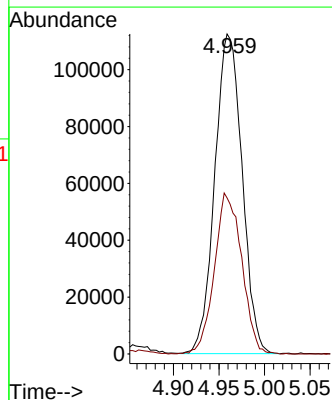
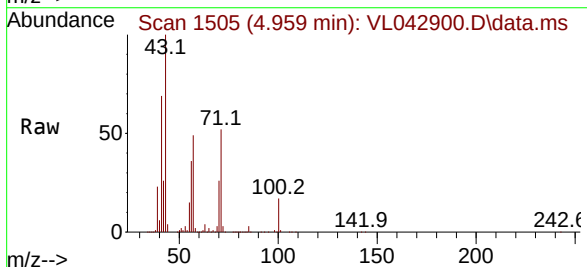
Instrument :  
MSVOA\_1  
ClientSampleId :  
VSTDCCC010

Tgt Ion: 41 Resp: 88702  
Ion Ratio Lower Upper  
41 100  
42 67.1 53.0 79.4

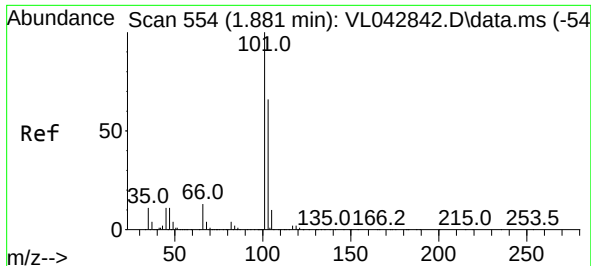


#10  
Heptane  
Concen: 9.898 ppbv  
RT: 4.959 min Scan# 1505  
Delta R.T. 0.000 min  
Lab File: VL042900.D  
Acq: 08 Sep 2025 11:05

Tgt Ion: 43 Resp: 234952  
Ion Ratio Lower Upper  
43 100  
57 50.2 41.4 62.0



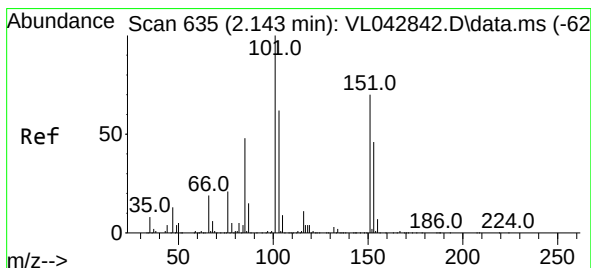
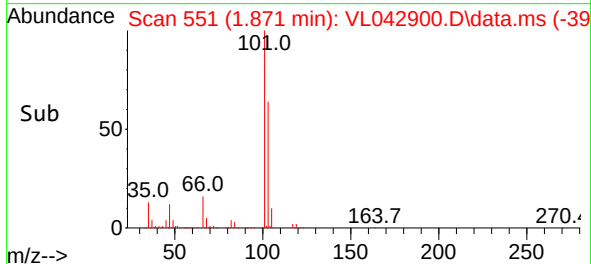
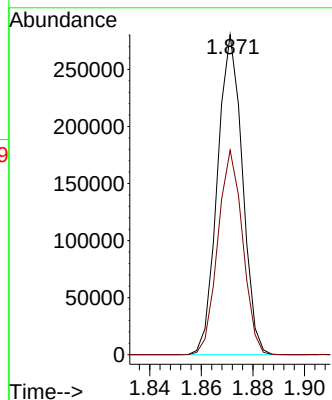
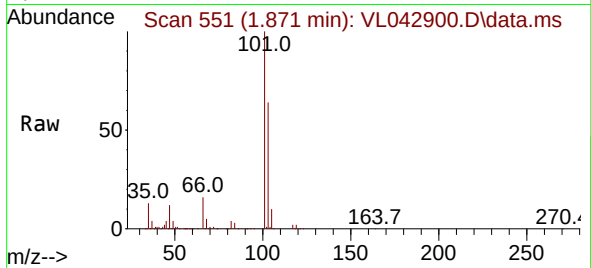




#11  
 Trichlorofluoromethane  
 Concen: 10.280 ppbv  
 RT: 1.871 min Scan# 51  
 Delta R.T. 0.000 min  
 Lab File: VL042900.D  
 Acq: 08 Sep 2025 11:05

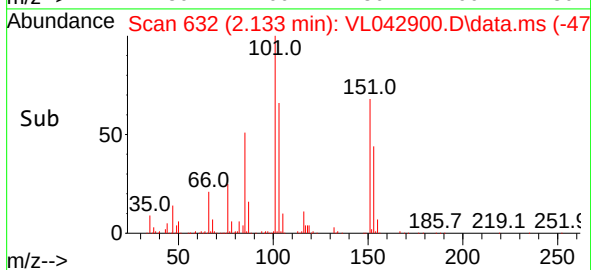
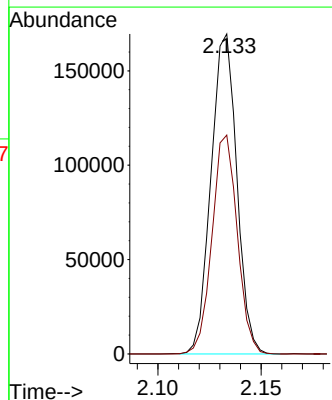
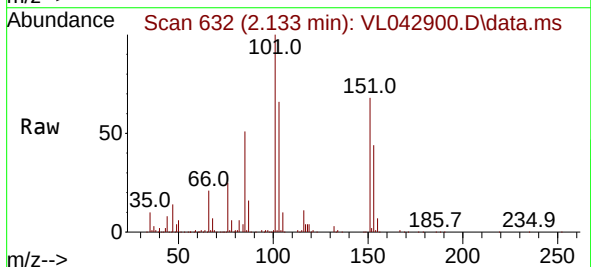
Instrument :  
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 ClientSampleId :  
 VSTDCCC010

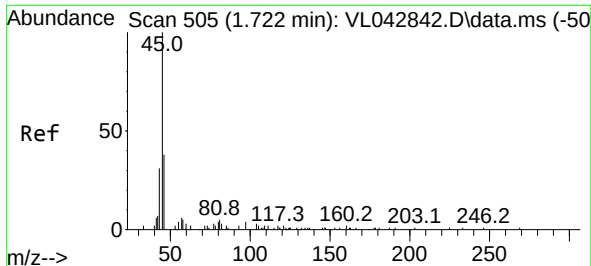
Tgt Ion:101 Resp: 188309  
 Ion Ratio Lower Upper  
 101 100  
 103 63.9 52.5 78.7



#12  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 10.089 ppbv  
 RT: 2.133 min Scan# 632  
 Delta R.T. 0.000 min  
 Lab File: VL042900.D  
 Acq: 08 Sep 2025 11:05

Tgt Ion:101 Resp: 147287  
 Ion Ratio Lower Upper  
 101 100  
 151 66.9 56.4 84.6

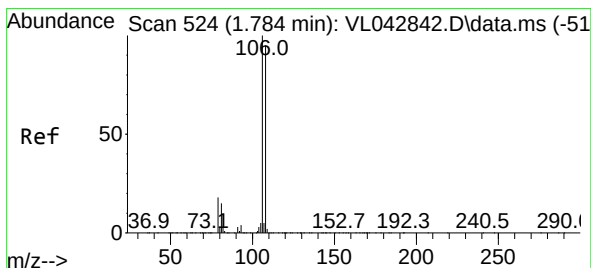
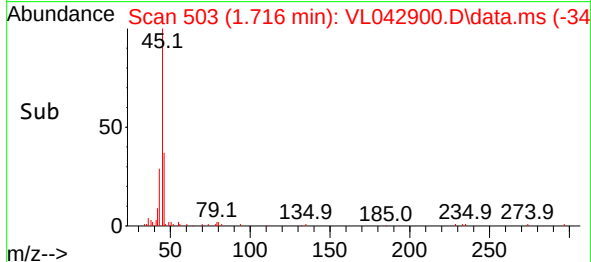
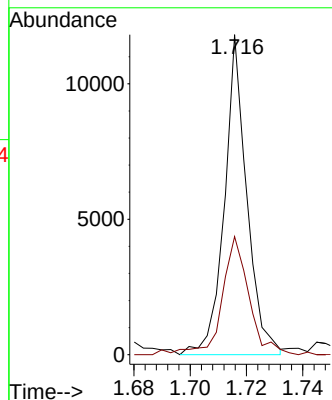
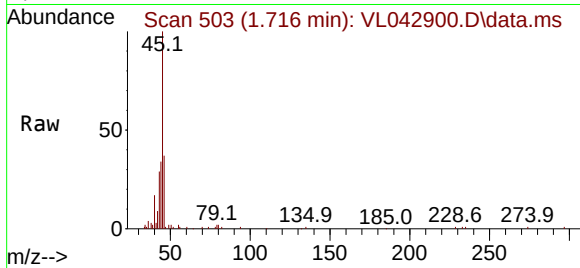




#13  
 Ethanol  
 Concen: 8.052 ppbv  
 RT: 1.716 min Scan# 505  
 Delta R.T. 0.000 min  
 Lab File: VL042900.D  
 Acq: 08 Sep 2025 11:05

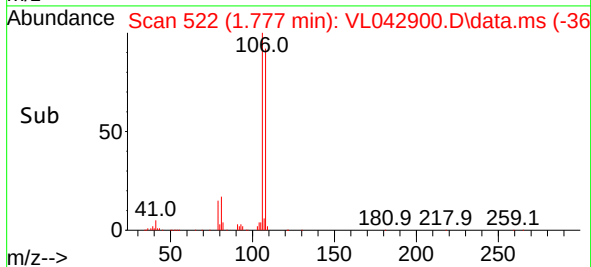
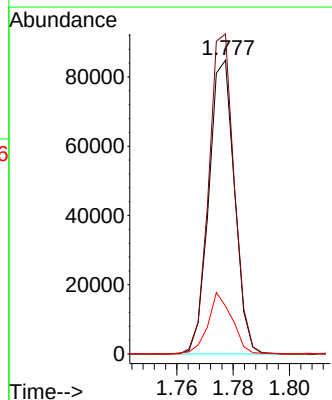
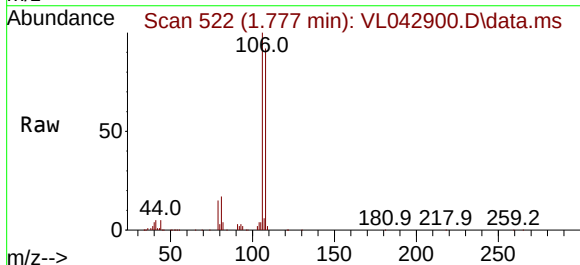
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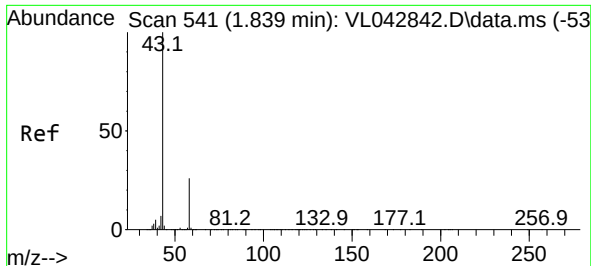
Tgt Ion: 45 Resp: 6525  
 Ion Ratio Lower Upper  
 45 100  
 46 44.8 17.5 69.9



#14  
 Bromoethene  
 Concen: 10.171 ppbv  
 RT: 1.777 min Scan# 522  
 Delta R.T. 0.000 min  
 Lab File: VL042900.D  
 Acq: 08 Sep 2025 11:05

Tgt Ion: 108 Resp: 53755  
 Ion Ratio Lower Upper  
 108 100  
 106 107.9 85.1 127.7  
 79 19.9 16.3 24.5

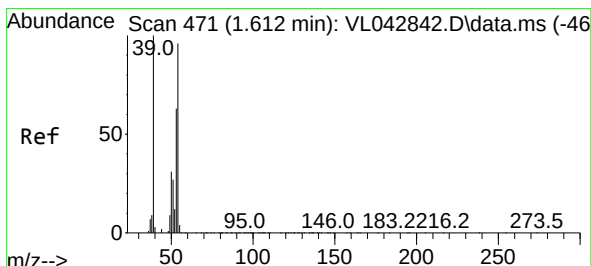
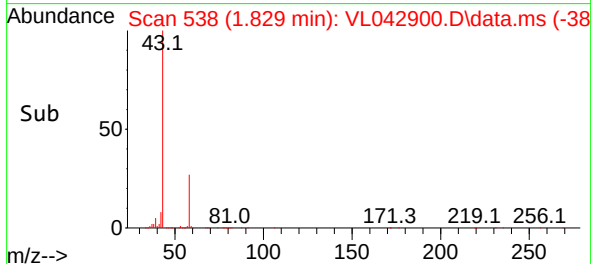
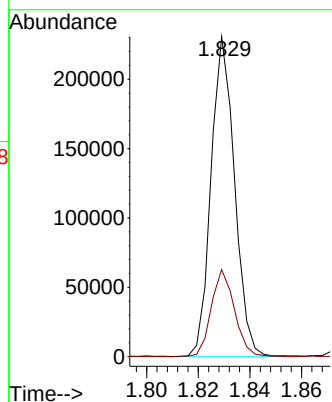
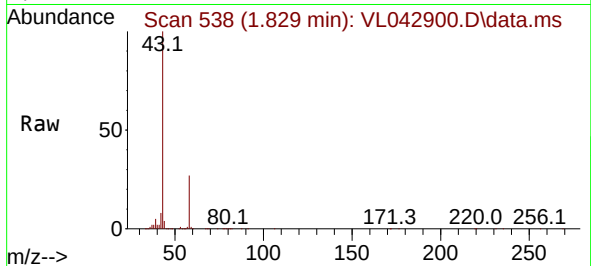




#15  
Acetone  
Concen: 8.670 ppbv  
RT: 1.829 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VL042900.D  
Acq: 08 Sep 2025 11:05

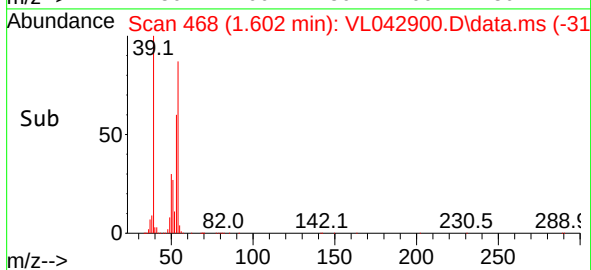
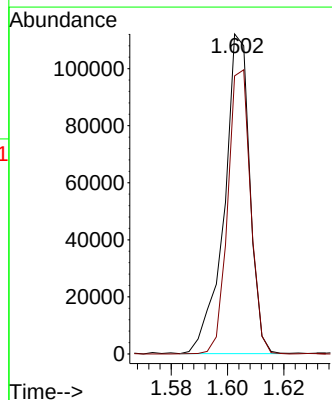
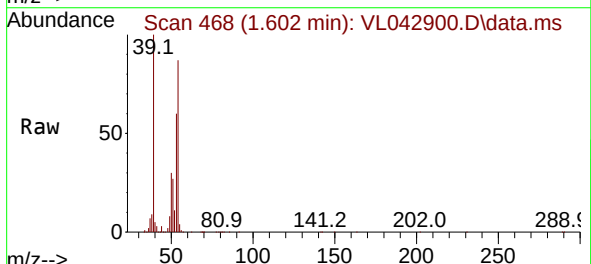
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MSVOA\_L  
ClientSampleId :  
VSTDCCC010

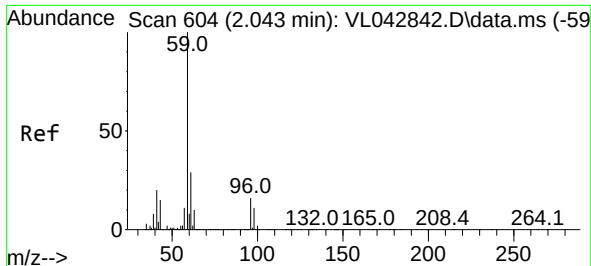
Tgt Ion: 43 Resp: 145289  
Ion Ratio Lower Upper  
43 100  
58 27.0 22.4 33.6



#16  
1,3-Butadiene  
Concen: 9.308 ppbv  
RT: 1.602 min Scan# 468  
Delta R.T. 0.000 min  
Lab File: VL042900.D  
Acq: 08 Sep 2025 11:05

Tgt Ion: 39 Resp: 70713  
Ion Ratio Lower Upper  
39 100  
54 79.5 63.6 95.4





#17

tert-Butyl alcohol

Concen: 8.574 ppbv

RT: 2.033 min Scan# 604

Delta R.T. 0.000 min

Lab File: VL042900.D

Acq: 08 Sep 2025 11:05

Instrument :

MSVOA\_1

ClientSampleId :

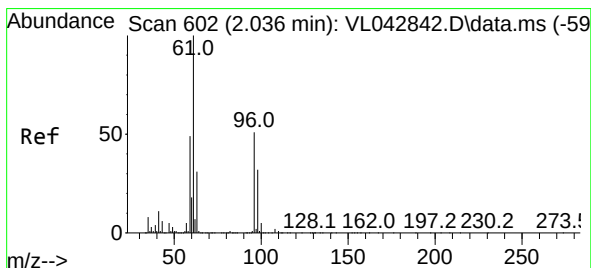
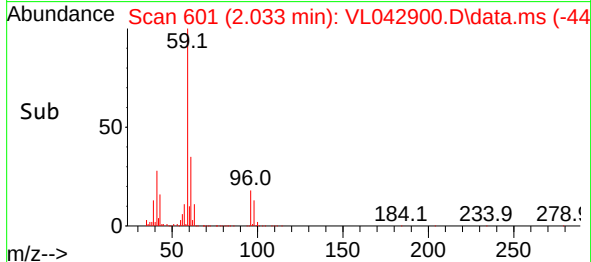
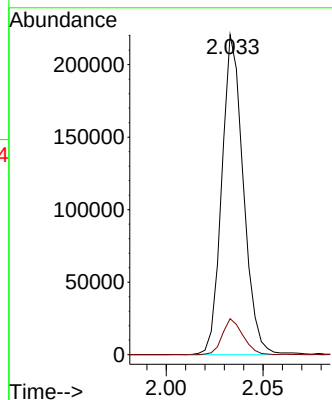
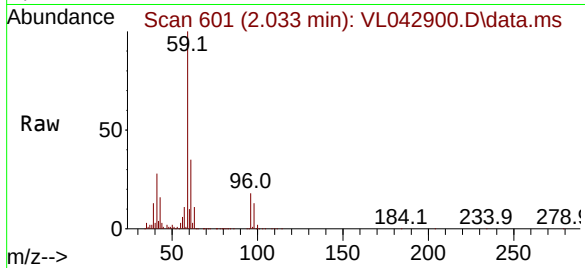
VSTDCCC010

Tgt Ion: 59 Resp: 170394

Ion Ratio Lower Upper

59 100

57 10.8 9.0 13.4



#18

1,1-Dichloroethene

Concen: 9.900 ppbv

RT: 2.026 min Scan# 599

Delta R.T. 0.000 min

Lab File: VL042900.D

Acq: 08 Sep 2025 11:05

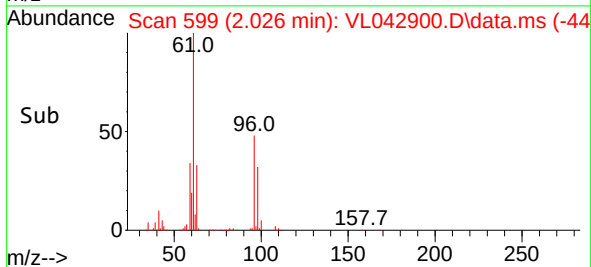
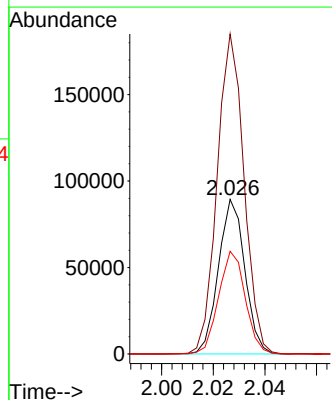
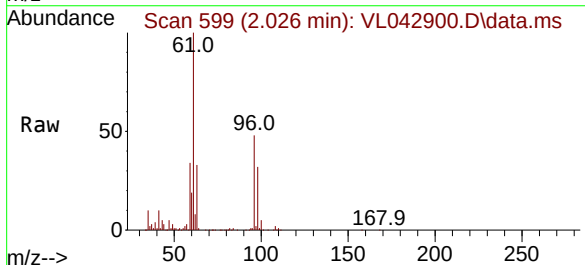
Tgt Ion: 96 Resp: 63544

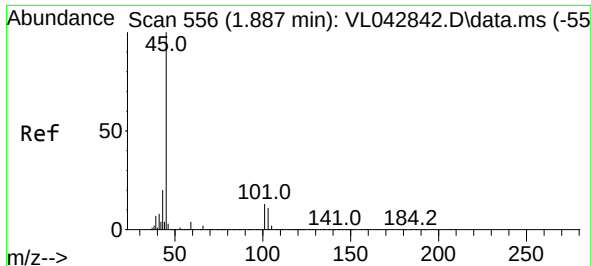
Ion Ratio Lower Upper

96 100

61 207.0 158.2 237.4

98 66.3 50.6 76.0

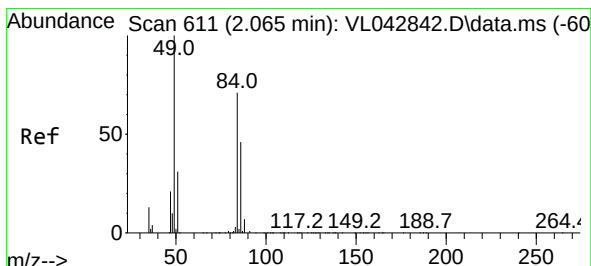
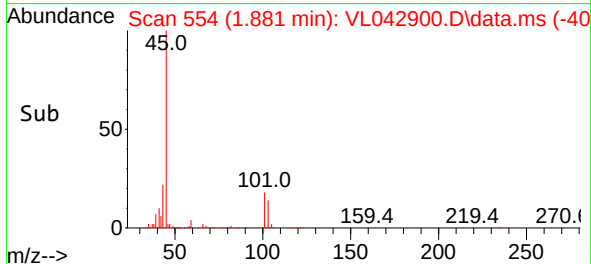
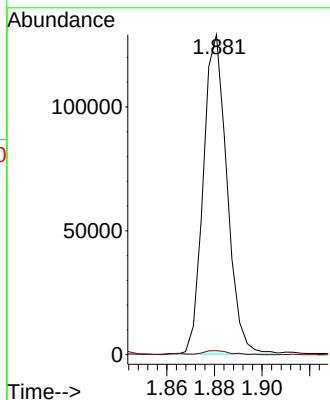
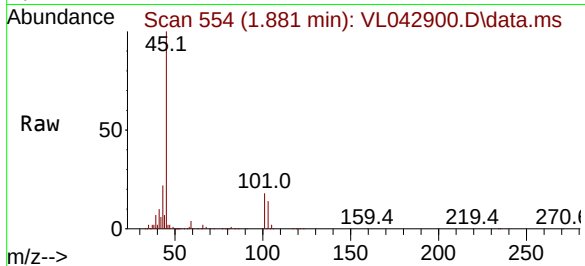




#19  
Isopropyl Alcohol  
Concen: 8.893 ppbv  
RT: 1.881 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VL042900.D  
Acq: 08 Sep 2025 11:05

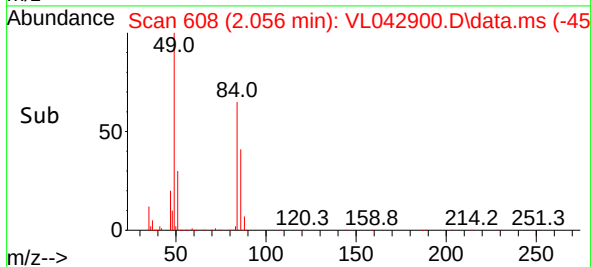
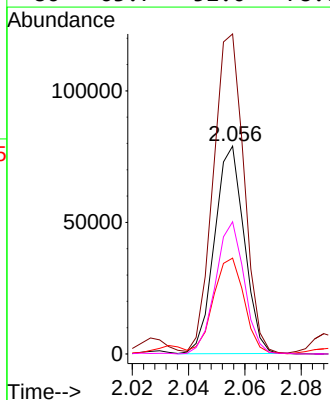
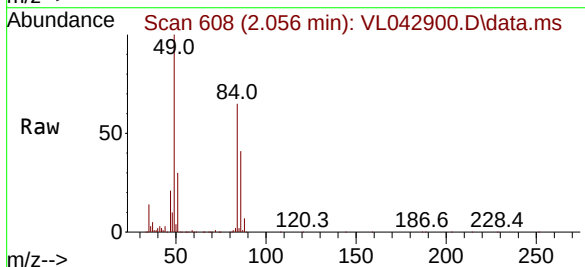
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ClientSampleId :  
VSTDCCC010

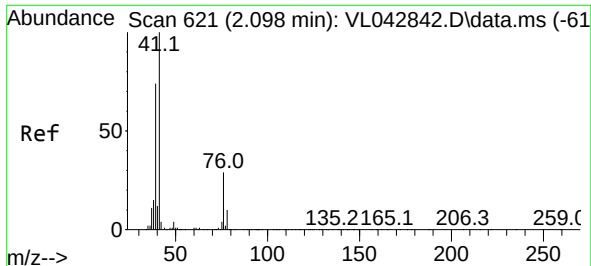
Tgt Ion: 45 Resp: 89009  
Ion Ratio Lower Upper  
45 100  
58 44.1 32.7 49.1



#20  
Methylene Chloride  
Concen: 8.219 ppbv  
RT: 2.056 min Scan# 608  
Delta R.T. 0.000 min  
Lab File: VL042900.D  
Acq: 08 Sep 2025 11:05

Tgt Ion: 84 Resp: 57698  
Ion Ratio Lower Upper  
84 100  
49 153.6 112.3 168.5  
51 45.6 36.0 54.0  
86 63.7 52.0 78.0

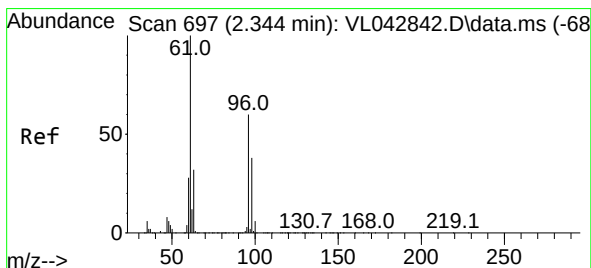
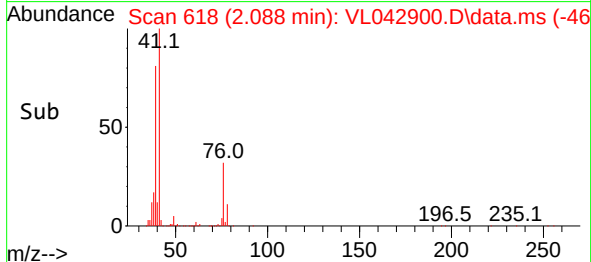
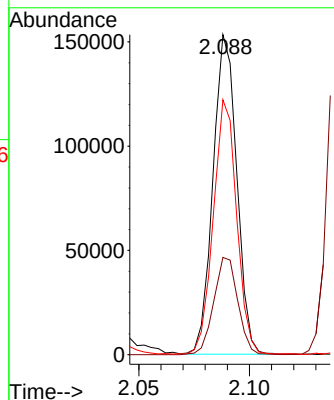
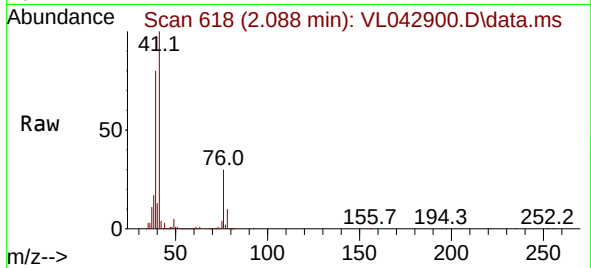




#21  
 Allyl Chloride  
 Concen: 9.658 ppbv  
 RT: 2.088 min Scan# 61  
 Delta R.T. 0.000 min  
 Lab File: VL042900.D  
 Acq: 08 Sep 2025 11:05

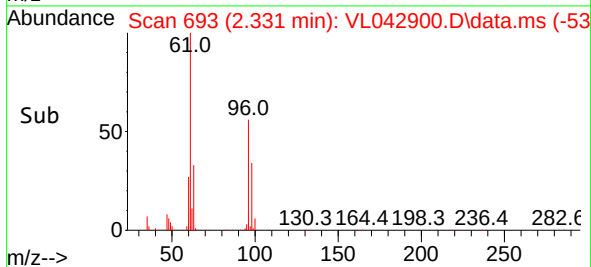
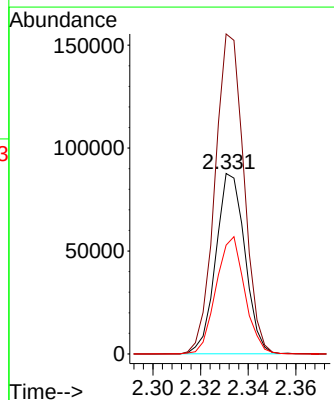
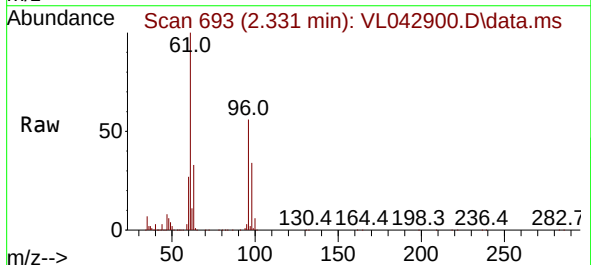
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 ClientSampleId :  
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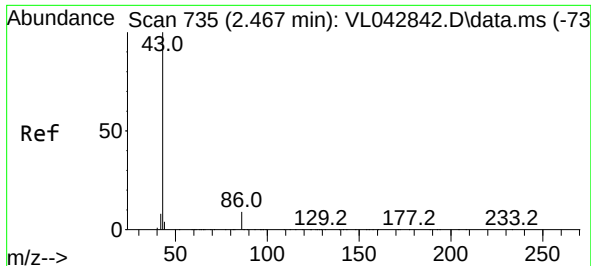
Tgt Ion: 41 Resp: 114332  
 Ion Ratio Lower Upper  
 41 100  
 76 30.9 23.9 35.9  
 39 78.4 57.8 86.6



#22  
 trans-1,2-Dichloroethene  
 Concen: 9.971 ppbv  
 RT: 2.331 min Scan# 693  
 Delta R.T. 0.000 min  
 Lab File: VL042900.D  
 Acq: 08 Sep 2025 11:05

Tgt Ion: 96 Resp: 74045  
 Ion Ratio Lower Upper  
 96 100  
 61 177.5 132.6 199.0  
 98 60.3 50.0 75.0



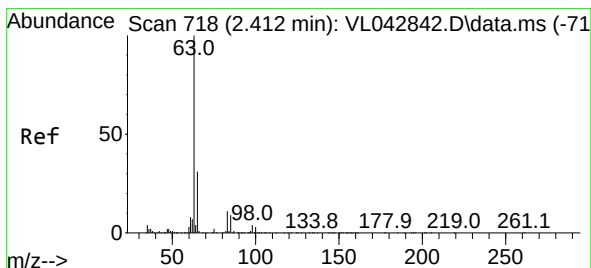
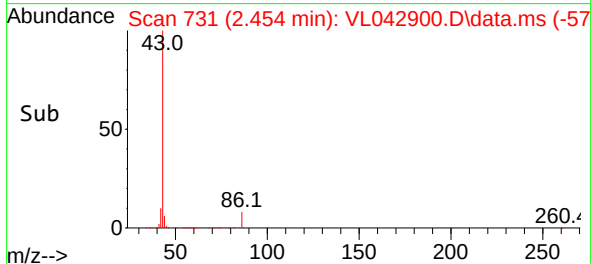
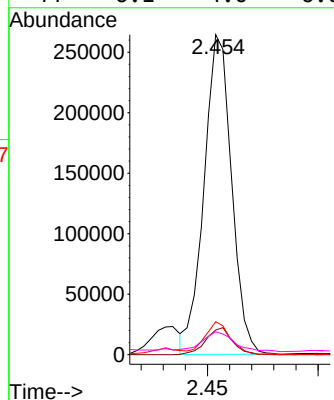
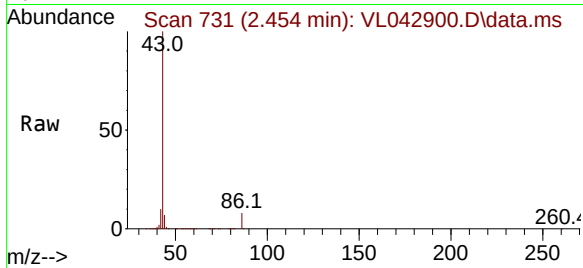


#23  
 Vinyl Acetate  
 Concen: 9.907 ppbv  
 RT: 2.454 min Scan# 715  
 Delta R.T. 0.000 min  
 Lab File: VL042900.D  
 Acq: 08 Sep 2025 11:05

Instrument :  
 MSVOA\_1  
 ClientSampleId :  
 VSTDCCC010

Tgt Ion: 43 Resp: 228268

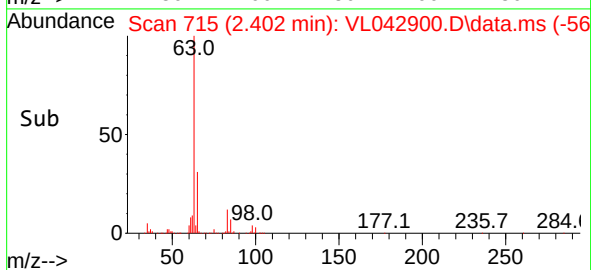
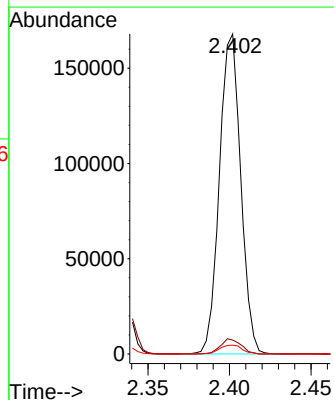
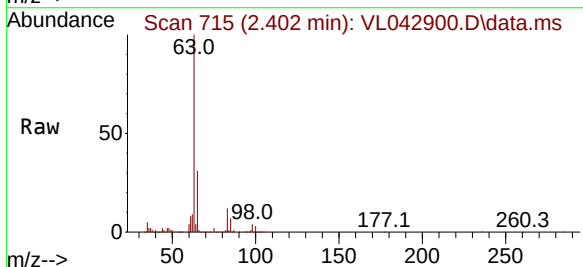
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 86  | 7.7   | 6.6   | 9.8   |
| 42  | 10.3  | 7.0   | 10.6  |
| 44  | 6.1   | 4.0   | 6.0   |

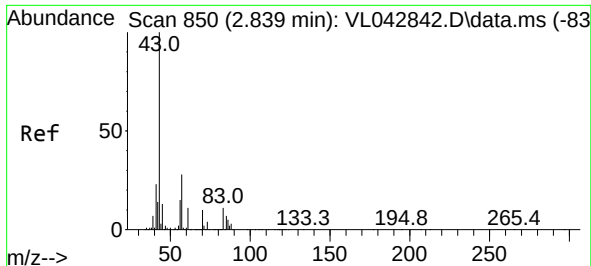


#24  
 1,1-Dichloroethane  
 Concen: 10.291 ppbv  
 RT: 2.402 min Scan# 715  
 Delta R.T. 0.000 min  
 Lab File: VL042900.D  
 Acq: 08 Sep 2025 11:05

Tgt Ion: 63 Resp: 152618

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 98  | 4.4   | 2.1   | 6.5   |
| 100 | 2.7   | 1.7   | 5.1   |

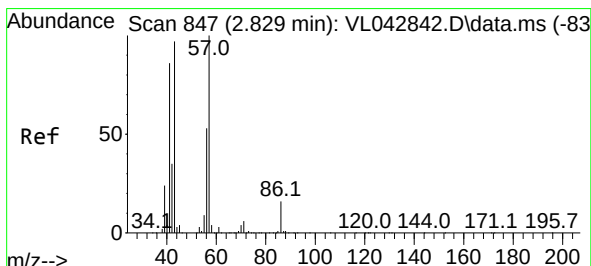
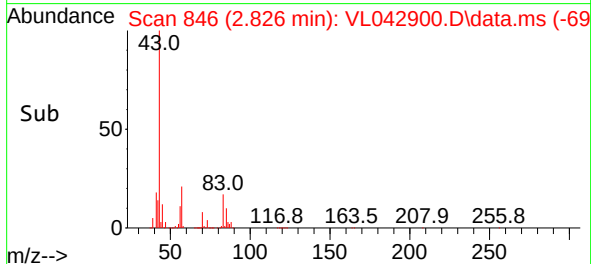
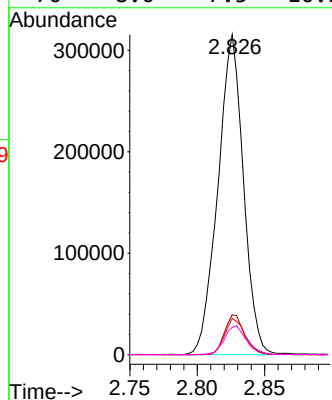
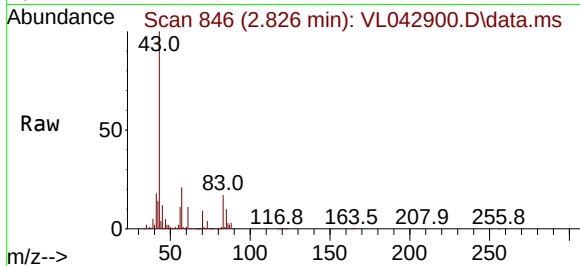




#25  
Ethyl Acetate  
Concen: 10.242 ppbv  
RT: 2.826 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VL042900.D  
Acq: 08 Sep 2025 11:05

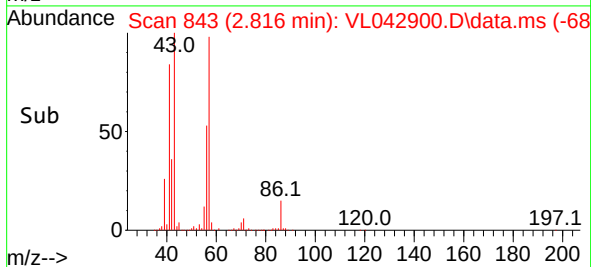
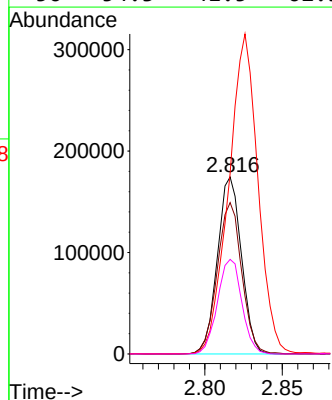
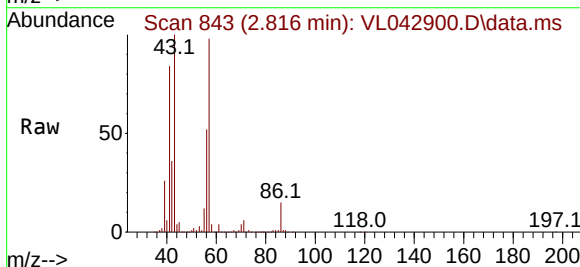
Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDCCC010

|             |              |
|-------------|--------------|
| Tgt Ion: 43 | Resp: 415386 |
| Ion Ratio   | Lower Upper  |
| 43 100      |              |
| 45 9.9      | 8.1 12.1     |
| 61 9.0      | 7.4 11.2     |
| 70 8.0      | 7.3 10.9     |

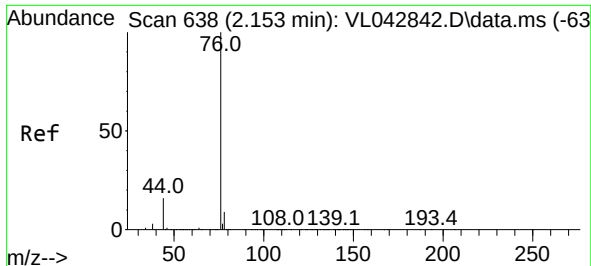


#26  
Hexane  
Concen: 10.031 ppbv  
RT: 2.816 min Scan# 843  
Delta R.T. 0.000 min  
Lab File: VL042900.D  
Acq: 08 Sep 2025 11:05

|             |              |
|-------------|--------------|
| Tgt Ion: 57 | Resp: 187779 |
| Ion Ratio   | Lower Upper  |
| 57 100      |              |
| 41 87.6     | 68.6 103.0   |
| 43 222.1    | 168.5 252.7  |
| 56 54.3     | 41.5 62.3    |



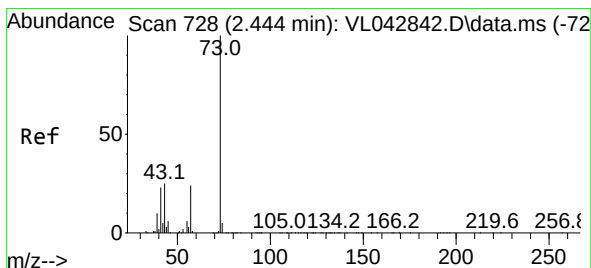
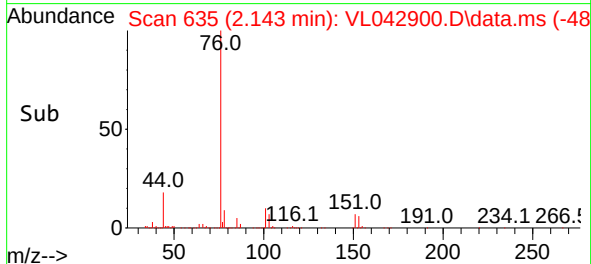
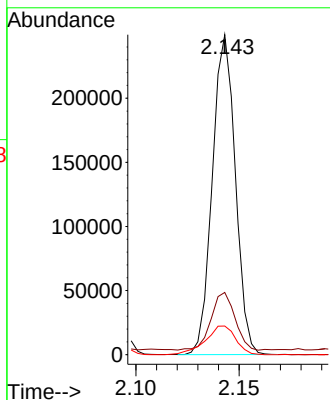
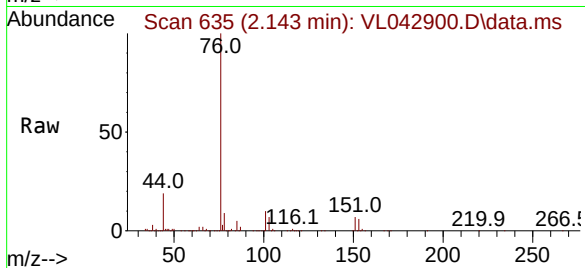




#27  
Carbon Disulfide  
Concen: 10.608 ppbv  
RT: 2.143 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VL042900.D  
Acq: 08 Sep 2025 11:05

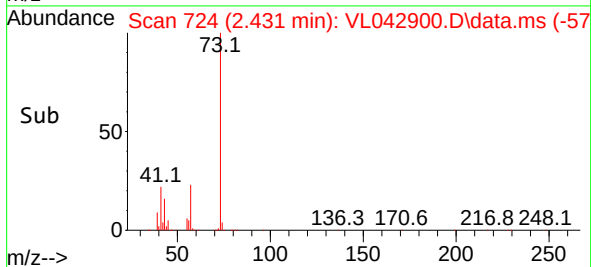
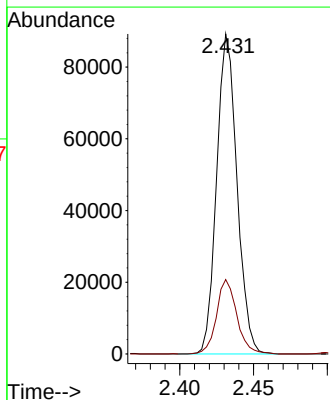
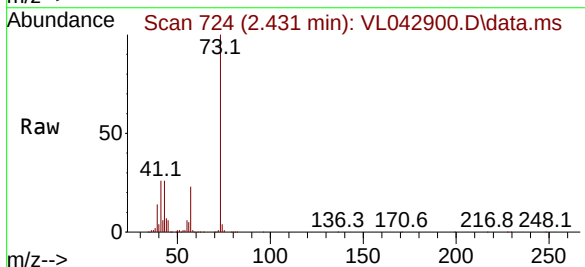
Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDCCC010

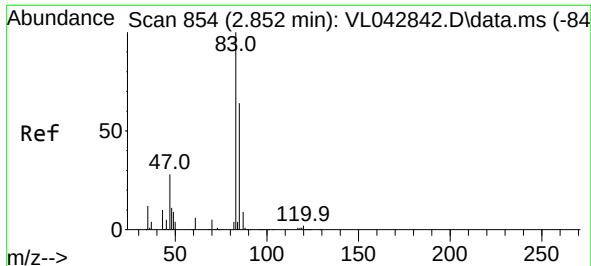
Tgt Ion: 76 Resp: 193262  
Ion Ratio Lower Upper  
76 100  
44 18.7 15.9 23.9  
78 11.8 9.5 14.3



#28  
Methyl tert-Butyl Ether  
Concen: 8.986 ppbv  
RT: 2.431 min Scan# 724  
Delta R.T. 0.000 min  
Lab File: VL042900.D  
Acq: 08 Sep 2025 11:05

Tgt Ion: 73 Resp: 85774  
Ion Ratio Lower Upper  
73 100  
57 23.3 21.6 32.4





#29

Chloroform

Concen: 10.538 ppbv

RT: 2.839 min Scan# 8

Delta R.T. 0.000 min

Lab File: VL042900.D

Acq: 08 Sep 2025 11:05

Instrument :

MSVOA\_L

ClientSampleId :

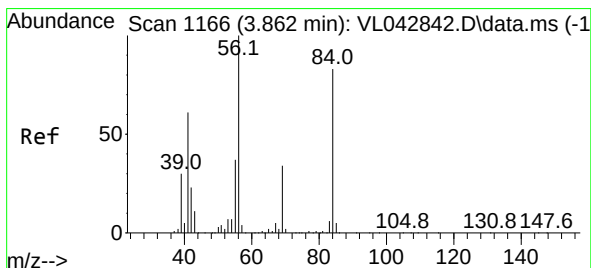
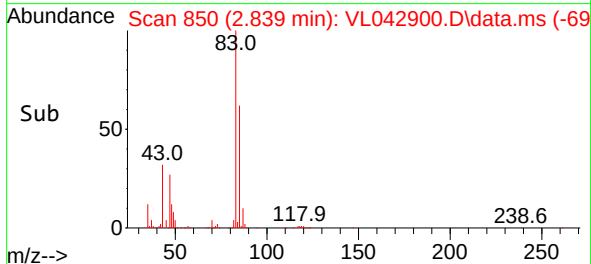
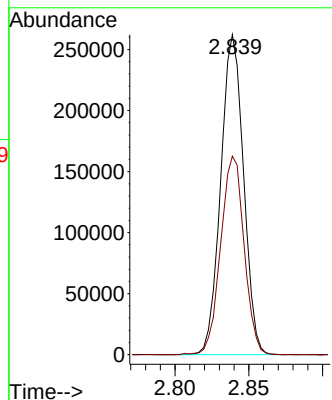
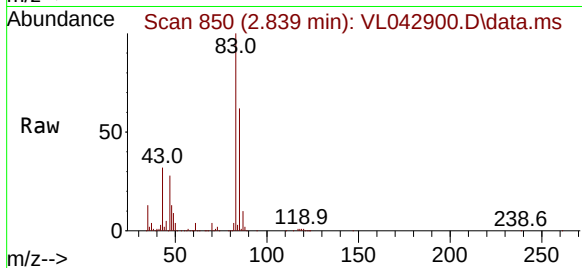
VSTDCCC010

Tgt Ion: 83 Resp: 281659

Ion Ratio Lower Upper

83 100

85 62.0 51.1 76.7



#30

Cyclohexane

Concen: 9.326 ppbv

RT: 3.842 min Scan# 1160

Delta R.T. 0.000 min

Lab File: VL042900.D

Acq: 08 Sep 2025 11:05

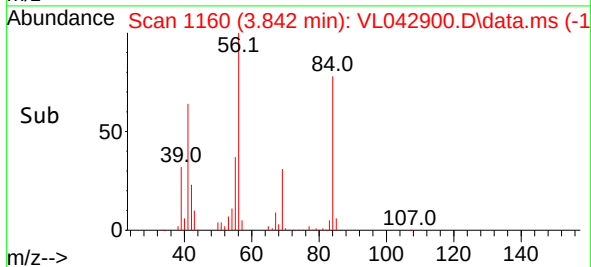
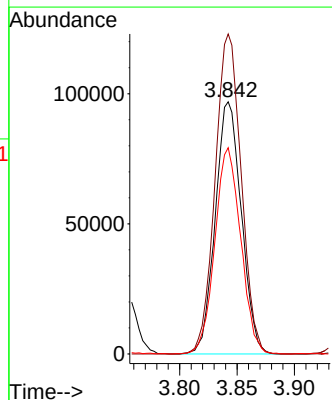
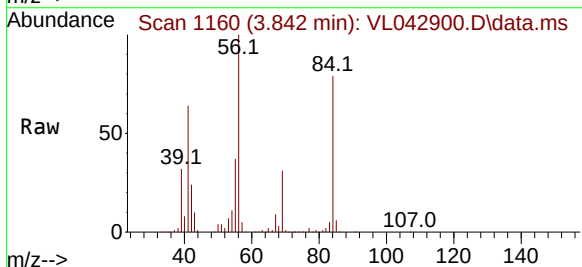
Tgt Ion: 84 Resp: 153066

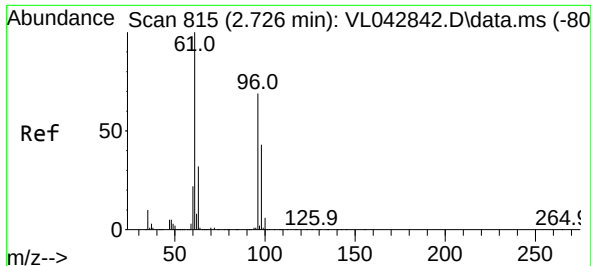
Ion Ratio Lower Upper

84 100

56 127.0 98.8 148.2

41 81.3 61.3 91.9

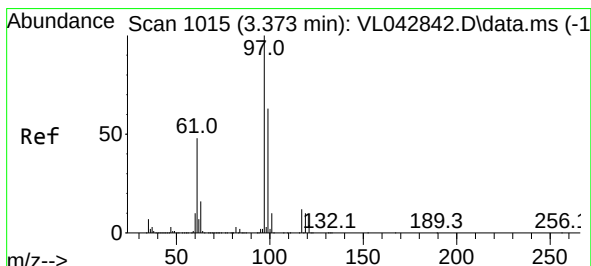
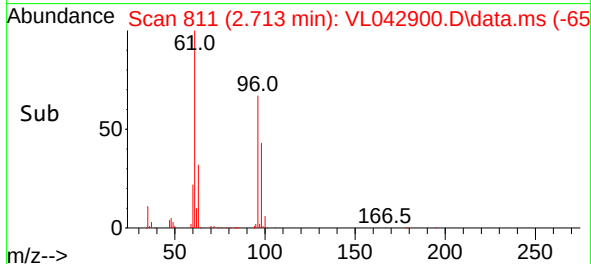
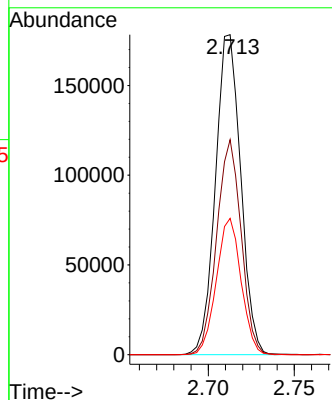
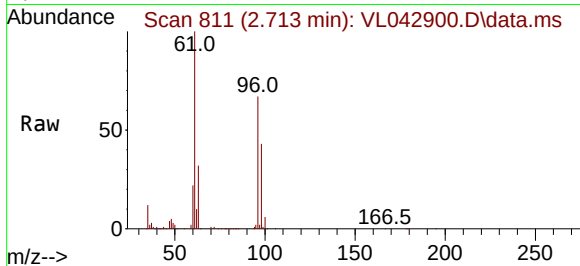




#31  
 cis-1,2-Dichloroethene  
 Concen: 9.765 ppbv  
 RT: 2.713 min Scan# 81  
 Delta R.T. 0.000 min  
 Lab File: VL042900.D  
 Acq: 08 Sep 2025 11:05

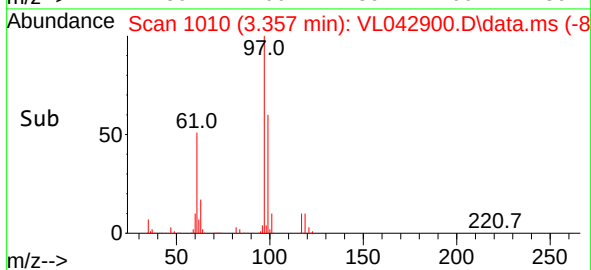
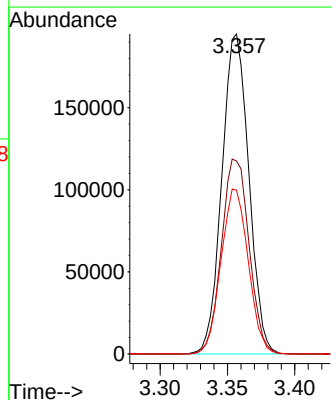
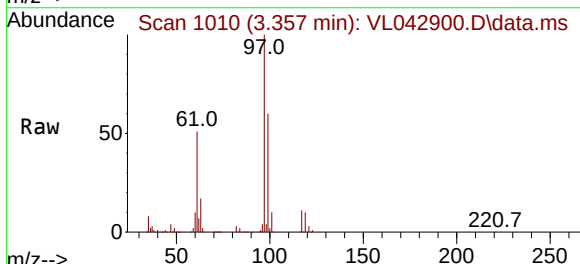
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VSTDCCC010

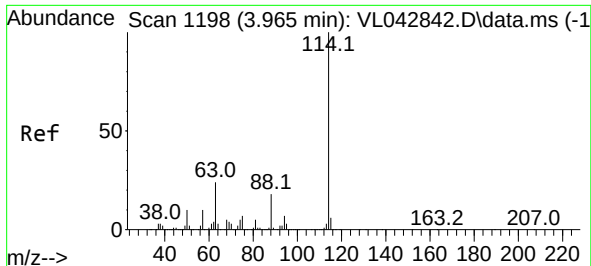
Tgt Ion: 61 Resp: 182592  
 Ion Ratio Lower Upper  
 61 100  
 96 67.1 55.0 82.6  
 98 42.6 34.3 51.5



#32  
 1,1,1-Trichloroethane  
 Concen: 9.609 ppbv  
 RT: 3.357 min Scan# 1010  
 Delta R.T. 0.000 min  
 Lab File: VL042900.D  
 Acq: 08 Sep 2025 11:05

Tgt Ion: 97 Resp: 271429  
 Ion Ratio Lower Upper  
 97 100  
 99 62.5 51.0 76.6  
 61 52.2 38.0 57.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.943 min Scan# 1198

Delta R.T. 0.000 min

Lab File: VL042900.D

Acq: 08 Sep 2025 11:05

Instrument :

MSVOA\_1

ClientSampleId :

VSTDCCC010

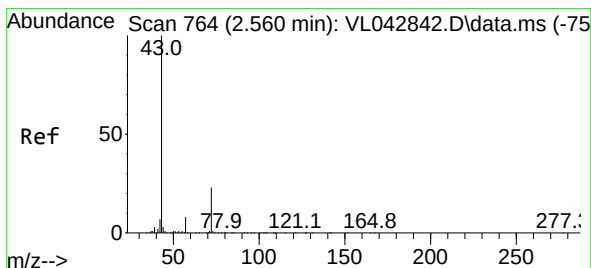
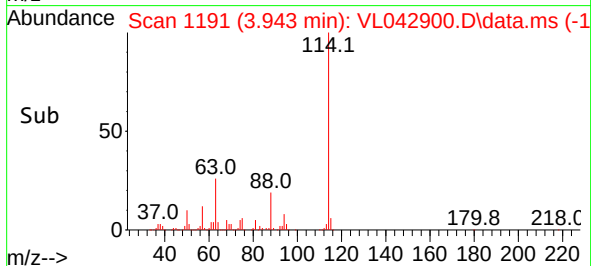
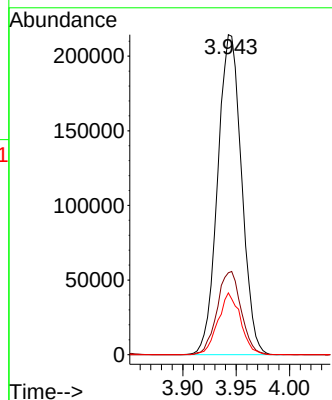
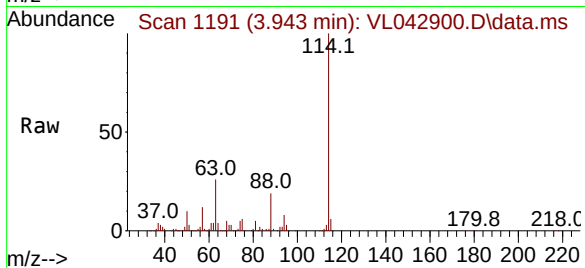
Tgt Ion:114 Resp: 333606

Ion Ratio Lower Upper

114 100

63 26.3 19.7 29.5

88 18.2 14.4 21.6



#34

2-Butanone

Concen: 12.107 ppbv

RT: 2.548 min Scan# 760

Delta R.T. 0.000 min

Lab File: VL042900.D

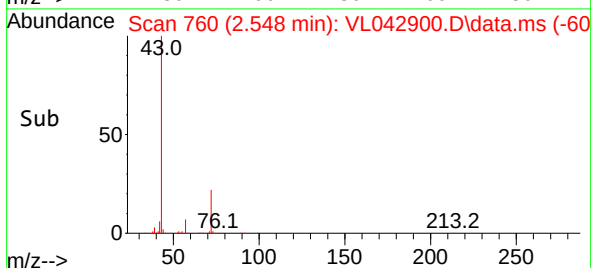
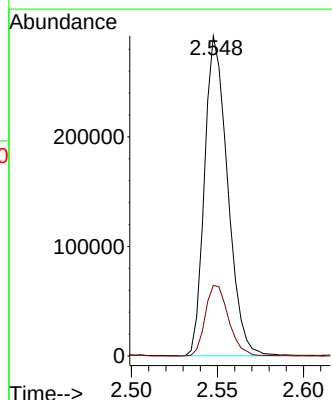
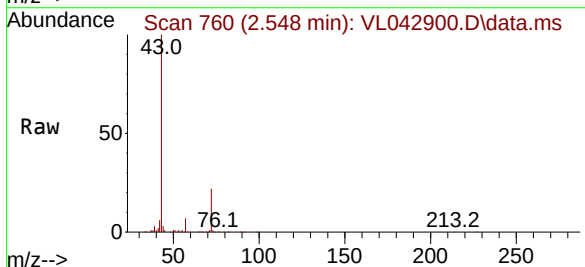
Acq: 08 Sep 2025 11:05

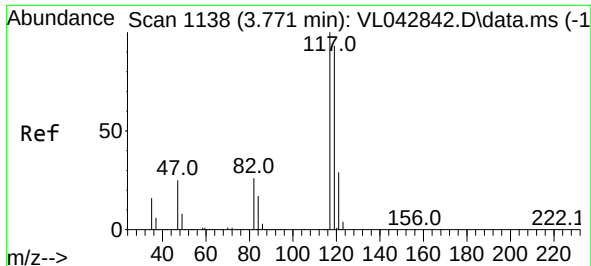
Tgt Ion: 43 Resp: 272735

Ion Ratio Lower Upper

43 100

72 22.4 18.6 28.0

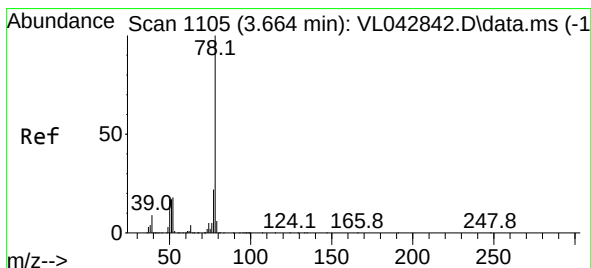
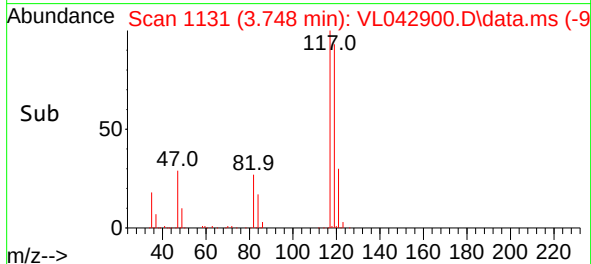
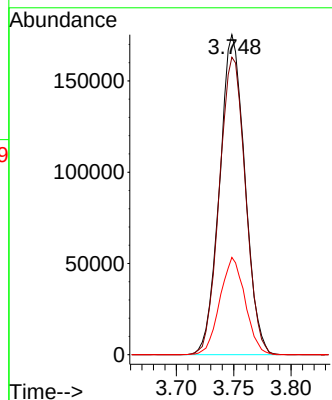
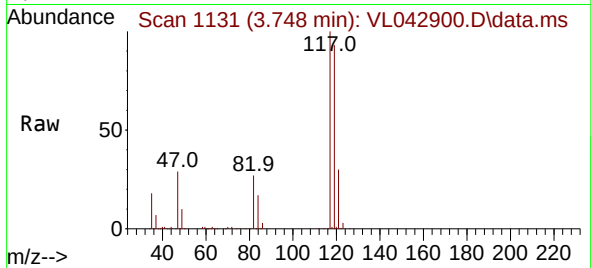




#35  
Carbon Tetrachloride  
Concen: 11.700 ppbv  
RT: 3.748 min Scan# 1131  
Delta R.T. 0.000 min  
Lab File: VL042900.D  
Acq: 08 Sep 2025 11:05

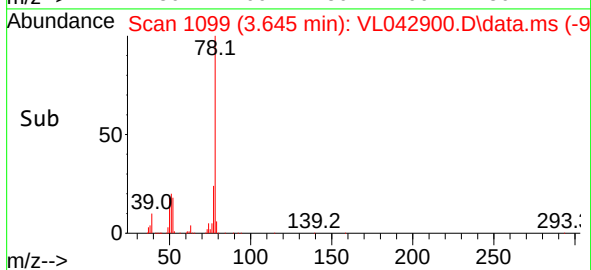
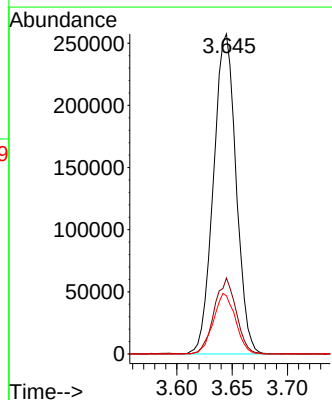
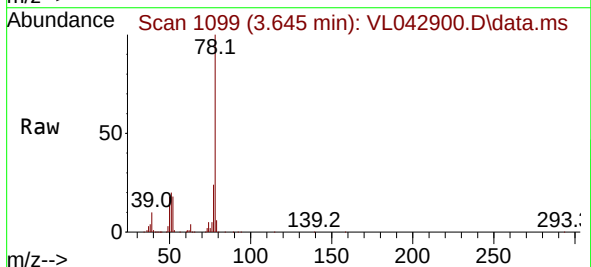
Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDCCC010

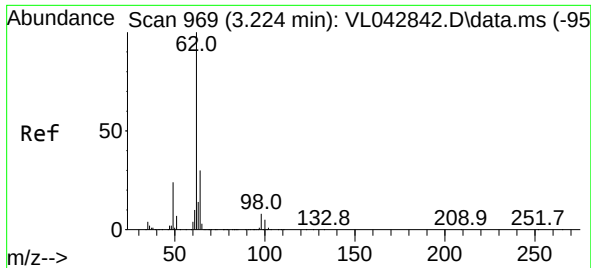
Tgt Ion:117 Resp: 269097  
Ion Ratio Lower Upper  
117 100  
119 93.0 74.7 112.1  
121 30.4 23.2 34.8



#36  
Benzene  
Concen: 11.458 ppbv  
RT: 3.645 min Scan# 1099  
Delta R.T. 0.000 min  
Lab File: VL042900.D  
Acq: 08 Sep 2025 11:05

Tgt Ion: 78 Resp: 366027  
Ion Ratio Lower Upper  
78 100  
77 23.7 17.7 26.5  
50 18.2 13.9 20.9





#37

1,2-Dichloroethane

Concen: 12.686 ppbv

RT: 3.208 min Scan# 9

Delta R.T. 0.000 min

Lab File: VL042900.D

Acq: 08 Sep 2025 11:05

Instrument :

MSVOA\_L

ClientSampleId :

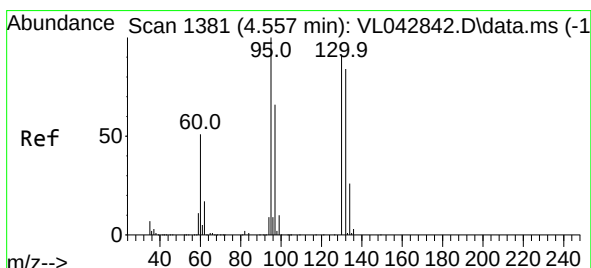
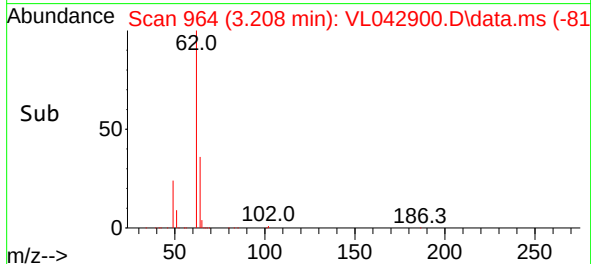
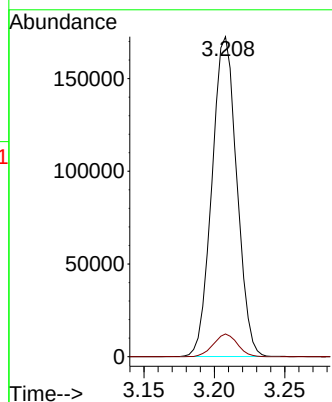
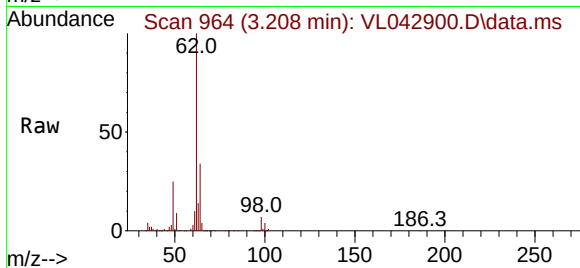
VSTDCCC010

Tgt Ion: 62 Resp: 211728

Ion Ratio Lower Upper

62 100

98 6.9 5.9 8.9



#38

Trichloroethene

Concen: 10.413 ppbv

RT: 4.532 min Scan# 1373

Delta R.T. 0.000 min

Lab File: VL042900.D

Acq: 08 Sep 2025 11:05

Tgt Ion:130 Resp: 151915

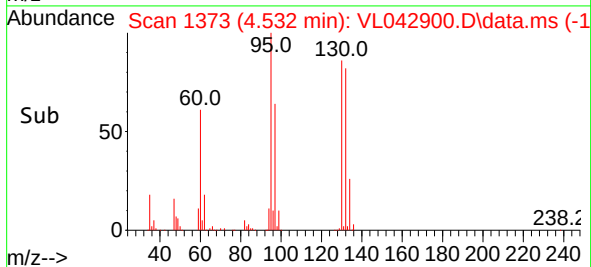
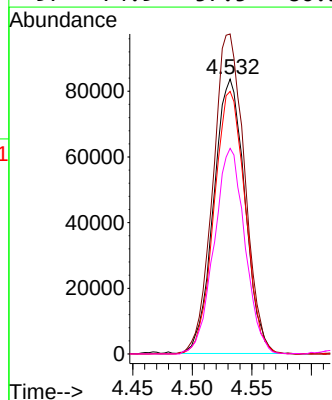
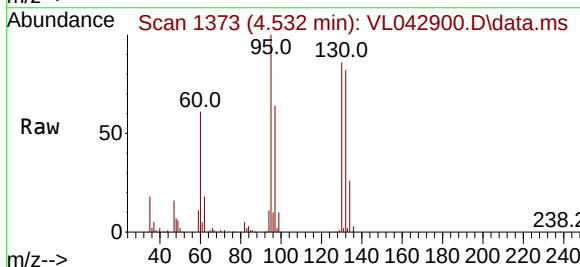
Ion Ratio Lower Upper

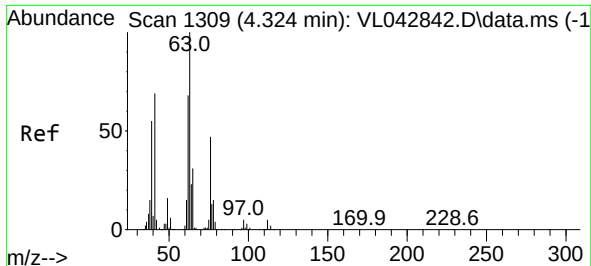
130 100

95 116.1 87.6 131.4

132 95.4 73.8 110.8

97 74.9 57.5 86.3





#39

1,2-Dichloropropane

Concen: 11.970 ppbv

RT: 4.299 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL042900.D

Acq: 08 Sep 2025 11:05

Instrument :

MSVOA\_L

ClientSampleId :

VSTDCCC010

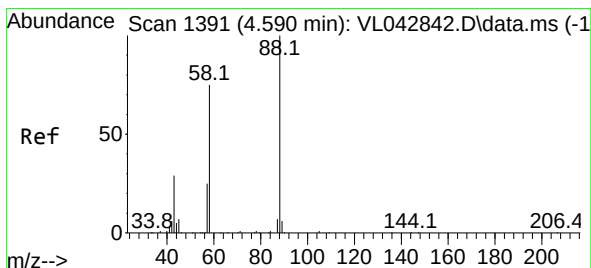
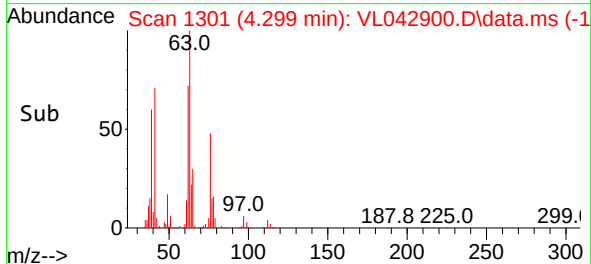
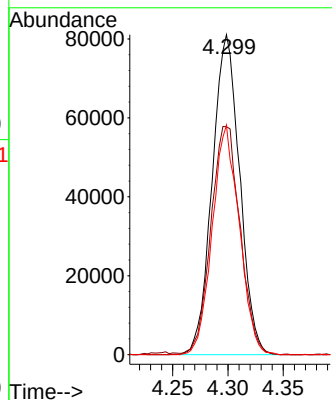
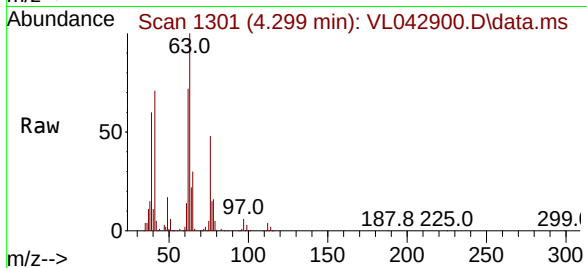
Tgt Ion: 63 Resp: 139657

Ion Ratio Lower Upper

63 100

41 71.2 55.0 82.4

62 71.8 54.4 81.6



#40

1,4-Dioxane

Concen: 10.096 ppbv

RT: 4.561 min Scan# 1382

Delta R.T. 0.000 min

Lab File: VL042900.D

Acq: 08 Sep 2025 11:05

Tgt Ion: 88 Resp: 56013

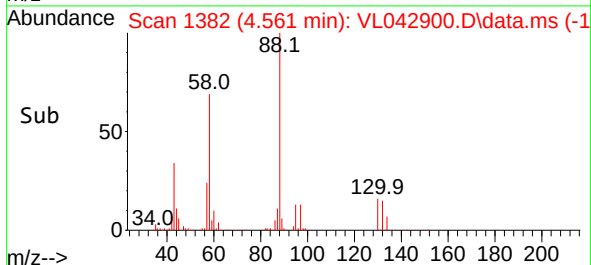
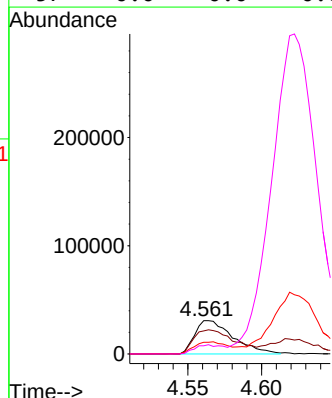
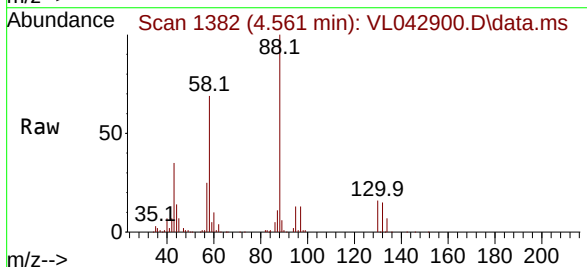
Ion Ratio Lower Upper

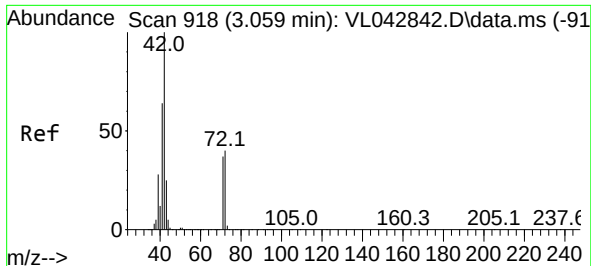
88 100

58 76.6 53.8 80.6

43 35.7 22.8 34.2#

57 0.0 0.0 0.0

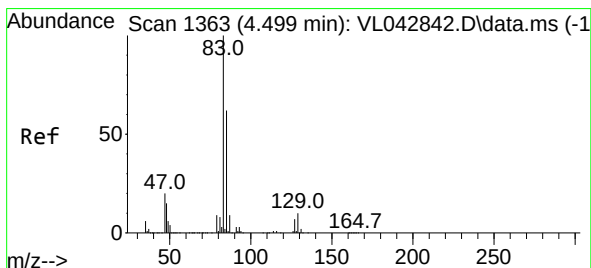
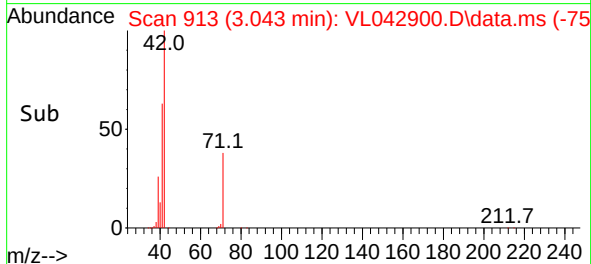
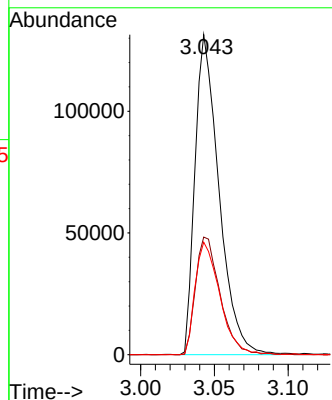
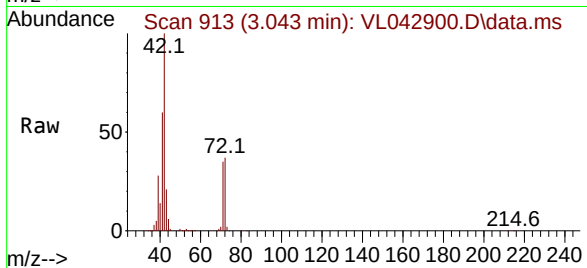




#41  
Tetrahydrofuran  
Concen: 11.863 ppbv  
RT: 3.043 min Scan# 918  
Delta R.T. 0.000 min  
Lab File: VL042900.D  
Acq: 08 Sep 2025 11:05

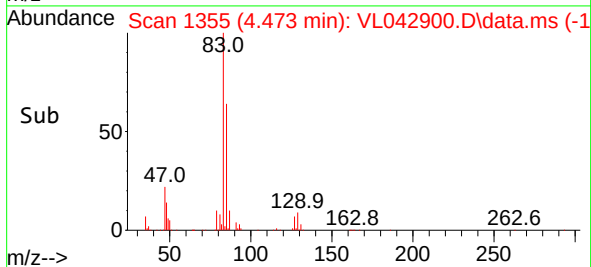
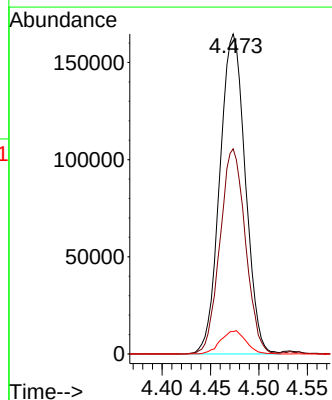
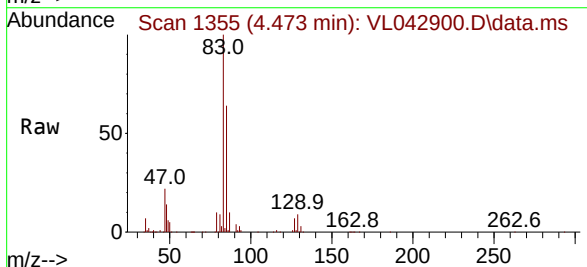
Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDCCC010

Tgt Ion: 42 Resp: 148990  
Ion Ratio Lower Upper  
42 100  
72 37.6 32.6 48.8  
71 36.3 30.0 45.0

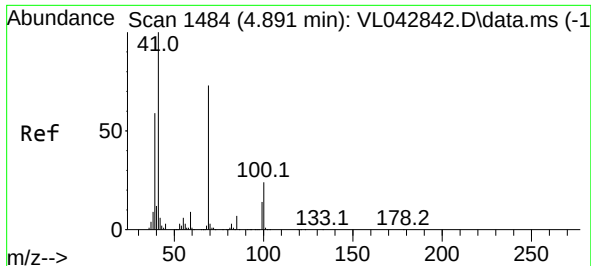


#42  
Bromodichloromethane  
Concen: 12.136 ppbv  
RT: 4.473 min Scan# 1355  
Delta R.T. 0.000 min  
Lab File: VL042900.D  
Acq: 08 Sep 2025 11:05

Tgt Ion: 83 Resp: 301814  
Ion Ratio Lower Upper  
83 100  
85 64.1 49.8 74.8  
127 7.0 5.8 8.6







#43

Methyl Methacrylate

Concen: 10.776 ppbv

RT: 4.859 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VL042900.D

Acq: 08 Sep 2025 11:05

Instrument :

MSVOA\_1

ClientSampleId :

VSTDCCC010

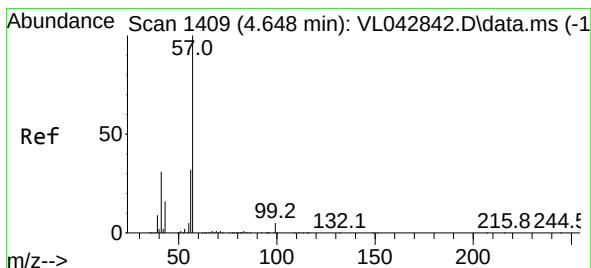
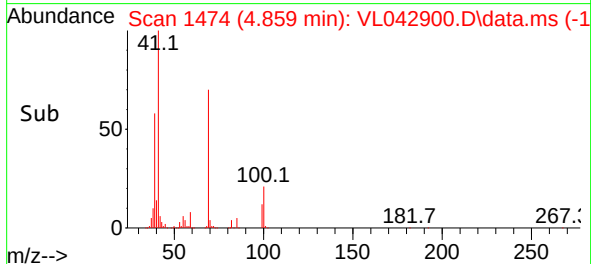
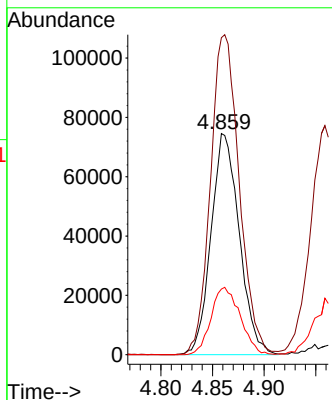
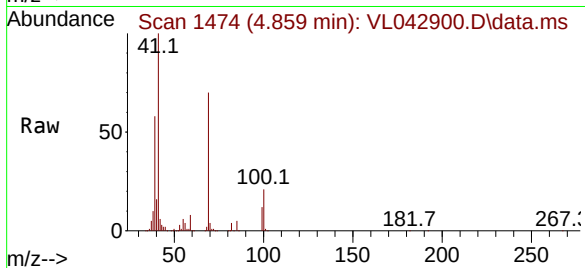
Tgt Ion: 69 Resp: 141813

Ion Ratio Lower Upper

69 100

41 147.4 114.6 172.0

100 31.5 30.2 45.4



#44

2,2,4-Trimethylpentane

Concen: 11.642 ppbv

RT: 4.622 min Scan# 1401

Delta R.T. 0.000 min

Lab File: VL042900.D

Acq: 08 Sep 2025 11:05

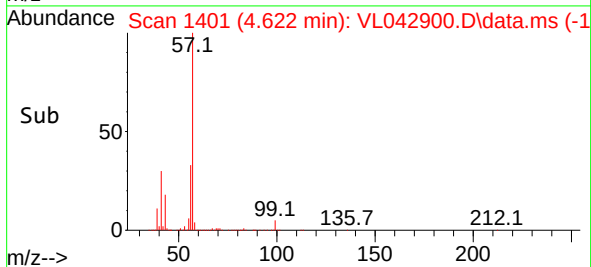
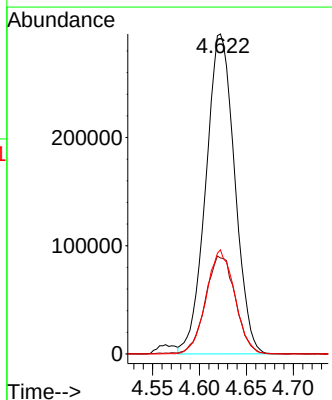
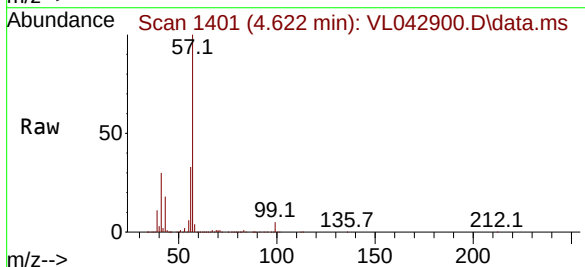
Tgt Ion: 57 Resp: 631245

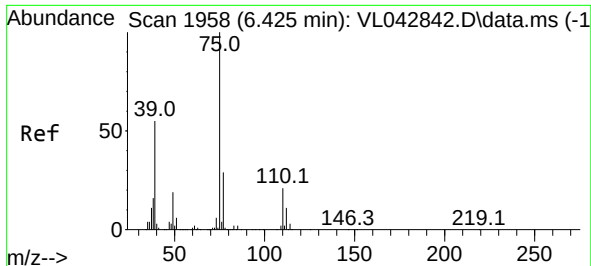
Ion Ratio Lower Upper

57 100

41 32.0 24.8 37.2

56 32.2 25.5 38.3





#45

t-1,3-Dichloropropene

Concen: 10.411 ppbv

RT: 6.393 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VL042900.D

Acq: 08 Sep 2025 11:05

Instrument :

MSVOA\_L

ClientSampleId :

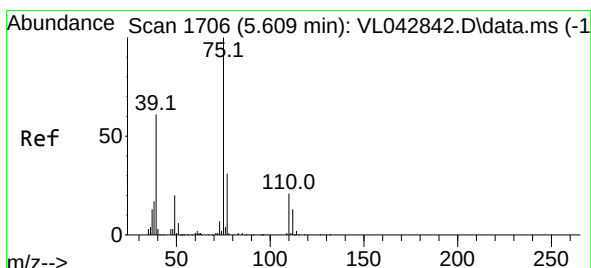
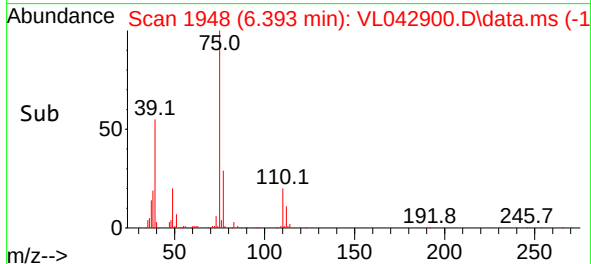
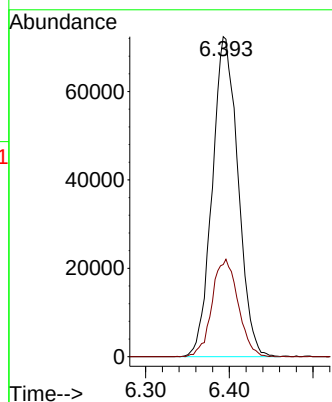
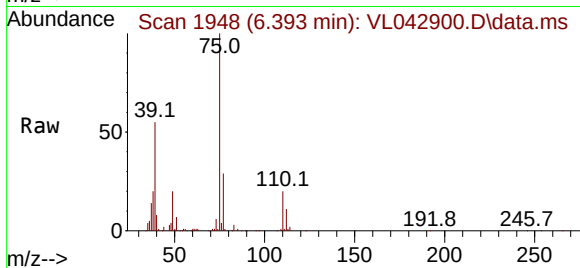
VSTDCCC010

Tgt Ion: 75 Resp: 154622

Ion Ratio Lower Upper

75 100

77 28.8 23.8 35.6



#46

cis-1,3-Dichloropropene

Concen: 10.851 ppbv

RT: 5.580 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VL042900.D

Acq: 08 Sep 2025 11:05

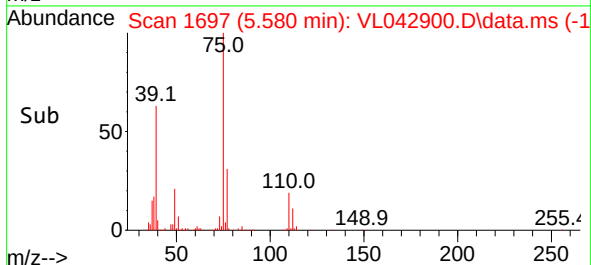
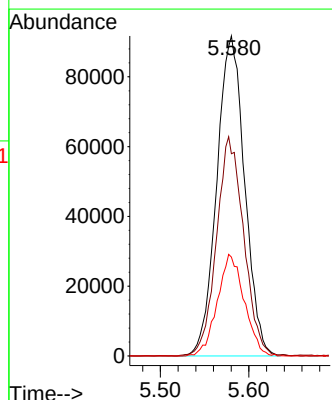
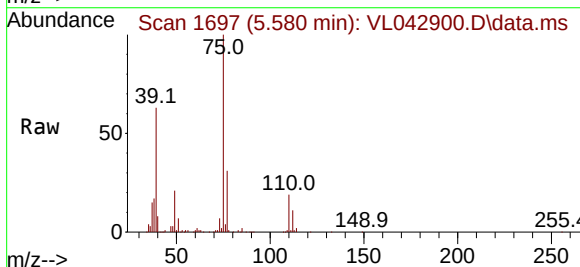
Tgt Ion: 75 Resp: 200797

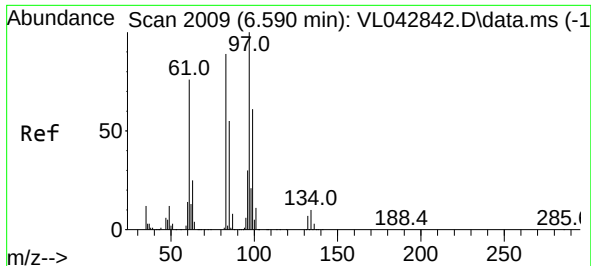
Ion Ratio Lower Upper

75 100

39 63.0 48.9 73.3

77 30.9 24.9 37.3

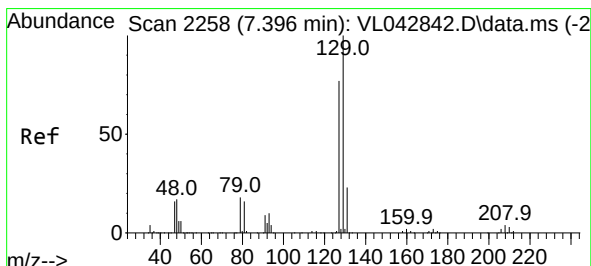
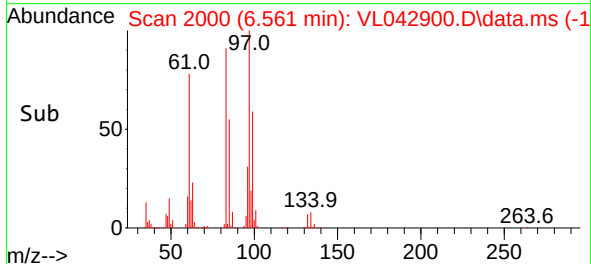
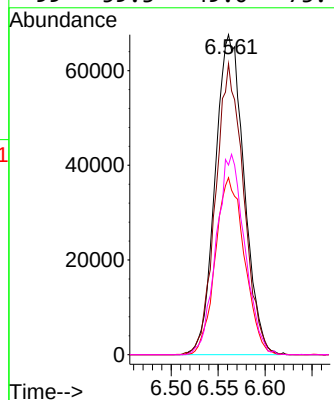
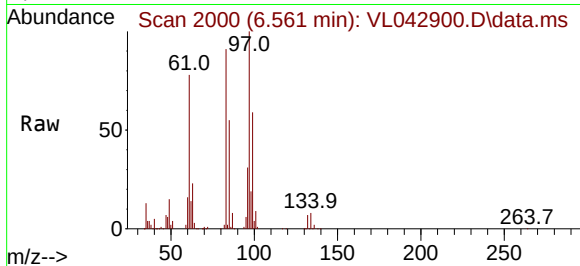




#47  
1,1,2-Trichloroethane  
Concen: 11.666 ppbv  
RT: 6.561 min Scan# 2009  
Delta R.T. 0.000 min  
Lab File: VL042900.D  
Acq: 08 Sep 2025 11:05

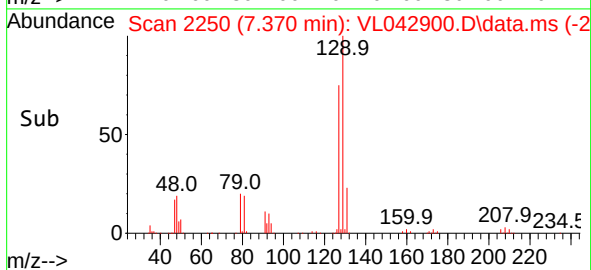
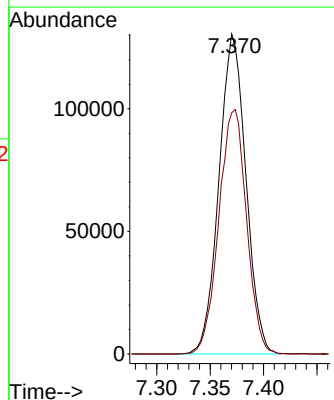
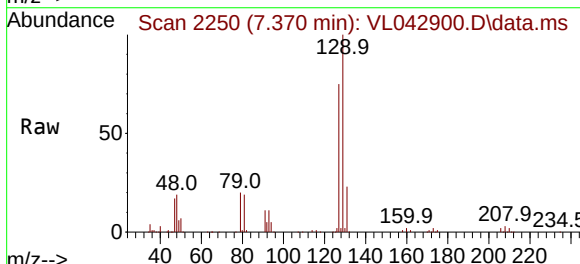
Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDCCC010

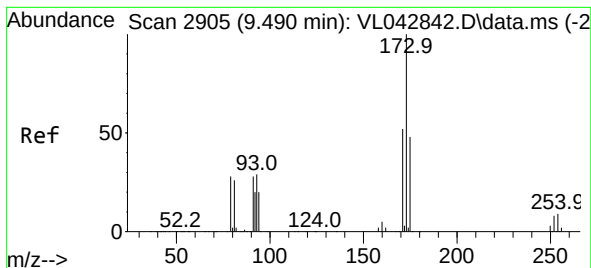
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 144209 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 90.9  | 71.0  | 106.4  |
| 85       | 55.2  | 43.6  | 65.4   |
| 99       | 59.3  | 49.0  | 73.4   |



#48  
Dibromochloromethane  
Concen: 11.430 ppbv  
RT: 7.370 min Scan# 2250  
Delta R.T. 0.000 min  
Lab File: VL042900.D  
Acq: 08 Sep 2025 11:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 129   | Resp: | 228649 |
| Ion      | Ratio | Lower | Upper  |
| 129      | 100   |       |        |
| 127      | 78.7  | 39.4  | 118.2  |





#49

Bromoform

Concen: 11.158 ppbv

RT: 9.471 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL042900.D

Acq: 08 Sep 2025 11:05

Instrument :

MSVOA\_L

ClientSampleId :

VSTDCCC010

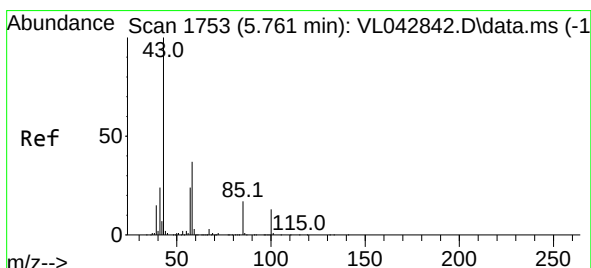
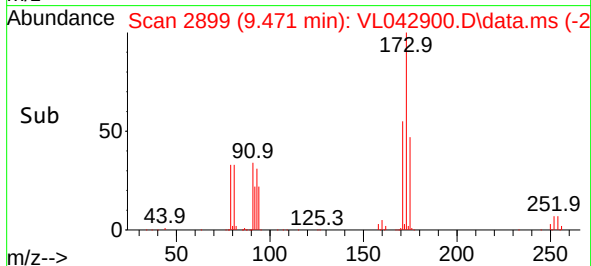
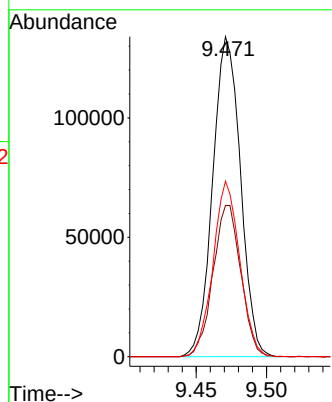
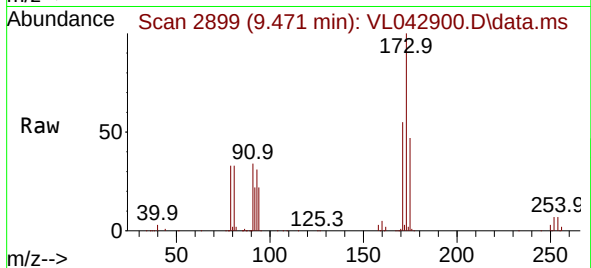
Tgt Ion:173 Resp: 184068

Ion Ratio Lower Upper

173 100

175 47.4 39.2 58.8

171 52.8 41.3 61.9



#50

4-Methyl-2-Pentanone

Concen: 11.801 ppbv

RT: 5.729 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VL042900.D

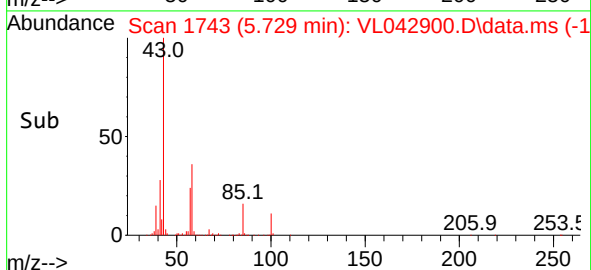
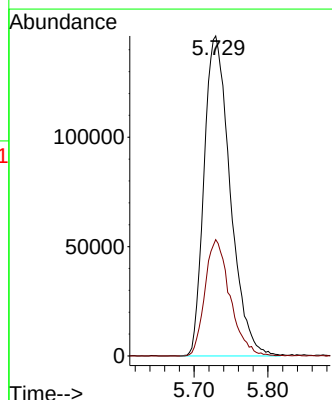
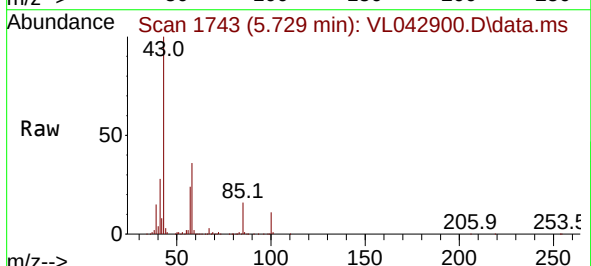
Acq: 08 Sep 2025 11:05

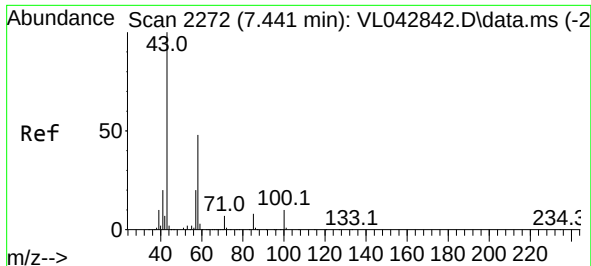
Tgt Ion: 43 Resp: 359329

Ion Ratio Lower Upper

43 100

58 35.0 29.8 44.8

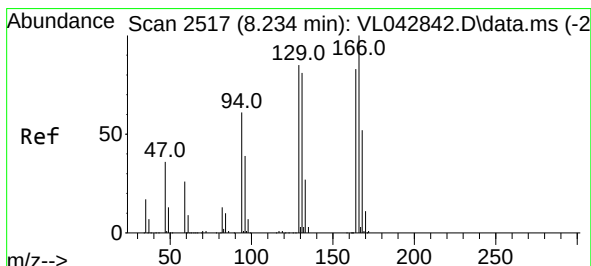
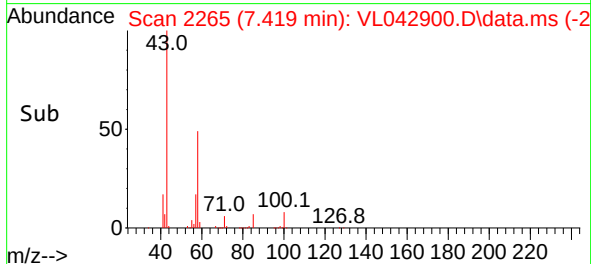
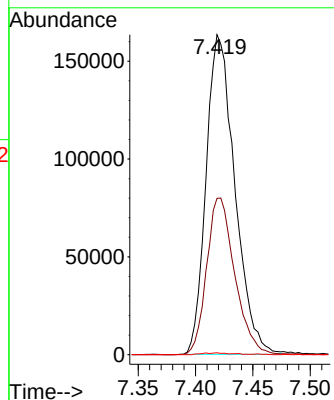
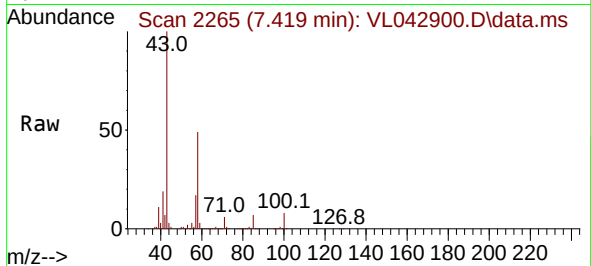




#51  
2-Hexanone  
Concen: 11.872 ppbv  
RT: 7.419 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VL042900.D  
Acq: 08 Sep 2025 11:05

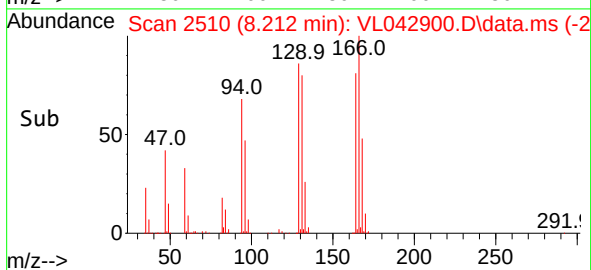
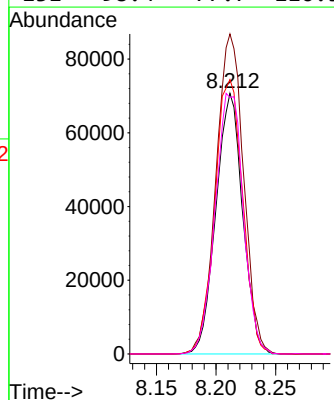
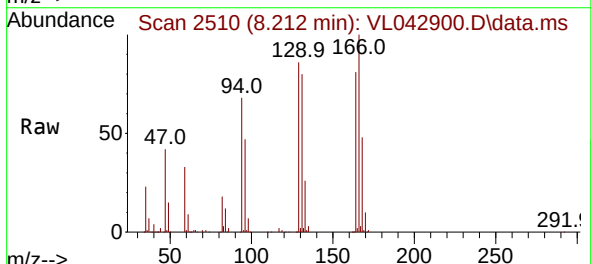
Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDCCC010

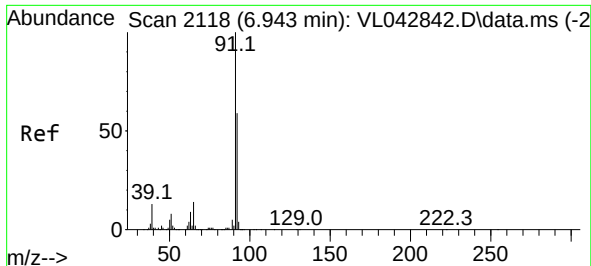
Tgt Ion: 43 Resp: 284454  
Ion Ratio Lower Upper  
43 100  
58 48.1 41.0 61.6  
98 0.7 0.1 0.1#



#52  
Tetrachloroethene  
Concen: 9.547 ppbv  
RT: 8.212 min Scan# 2510  
Delta R.T. 0.000 min  
Lab File: VL042900.D  
Acq: 08 Sep 2025 11:05

Tgt Ion:164 Resp: 110334  
Ion Ratio Lower Upper  
164 100  
166 122.8 96.5 144.7  
129 105.2 81.8 122.6  
131 98.4 77.7 116.5

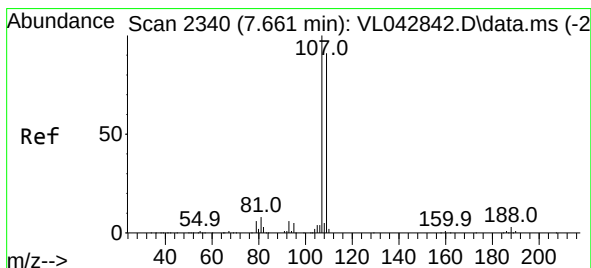
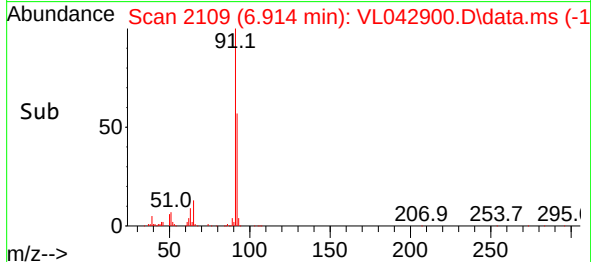
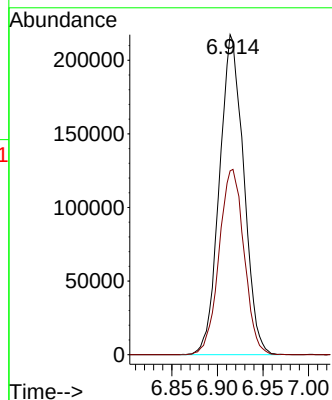
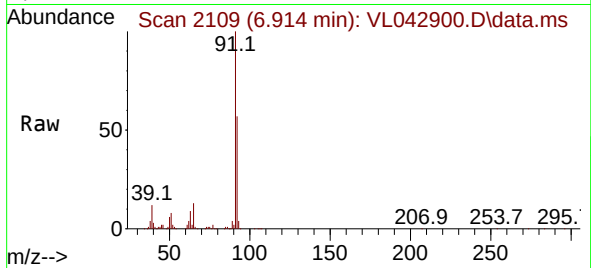




#53  
Toluene  
Concen: 10.587 ppbv  
RT: 6.914 min Scan# 2118  
Delta R.T. 0.000 min  
Lab File: VL042900.D  
Acq: 08 Sep 2025 11:05

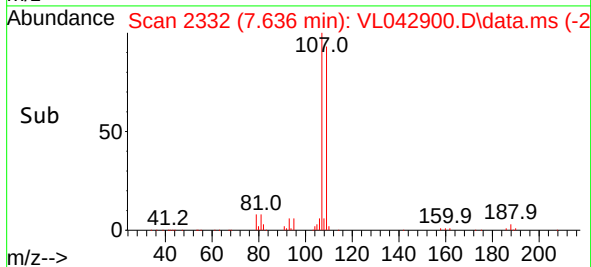
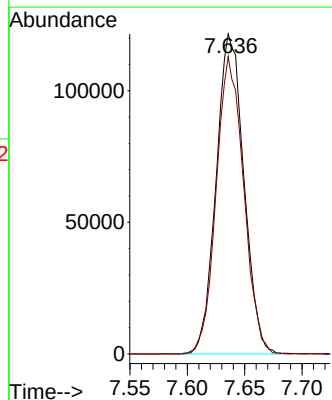
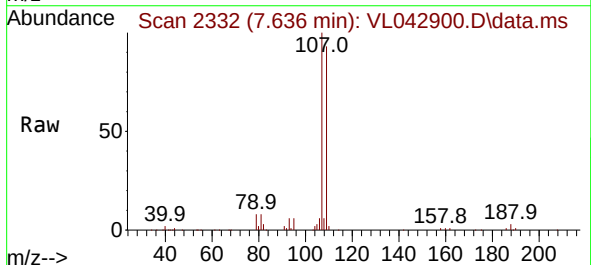
Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDCCC010

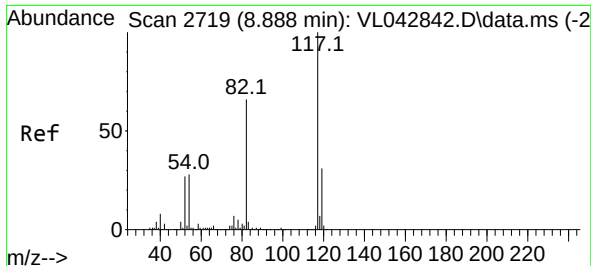
Tgt Ion: 91 Resp: 402080  
Ion Ratio Lower Upper  
91 100  
92 59.7 47.8 71.6



#54  
1,2-Dibromoethane  
Concen: 11.307 ppbv  
RT: 7.636 min Scan# 2332  
Delta R.T. 0.000 min  
Lab File: VL042900.D  
Acq: 08 Sep 2025 11:05

Tgt Ion: 107 Resp: 204276  
Ion Ratio Lower Upper  
107 100  
109 92.9 72.5 108.7

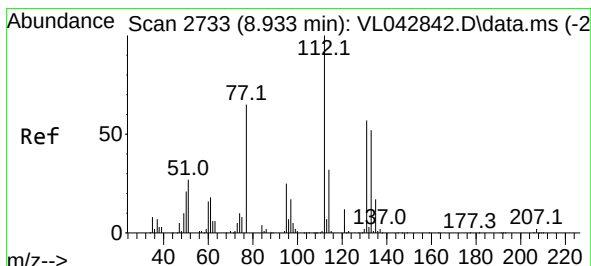
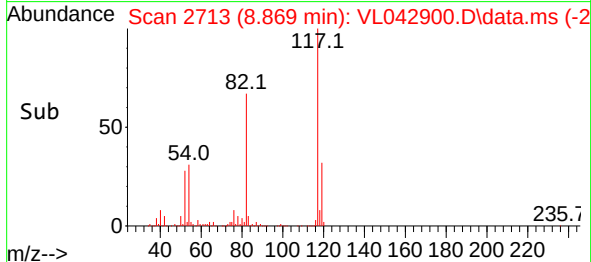
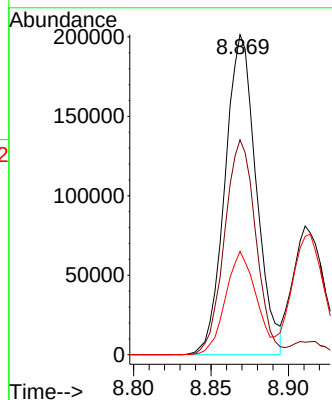
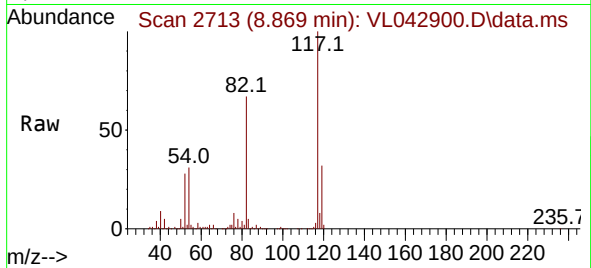




#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 8.869 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VL042900.D  
Acq: 08 Sep 2025 11:05

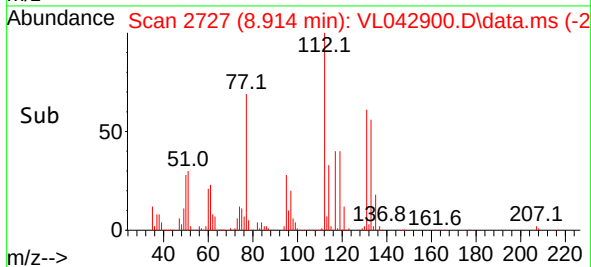
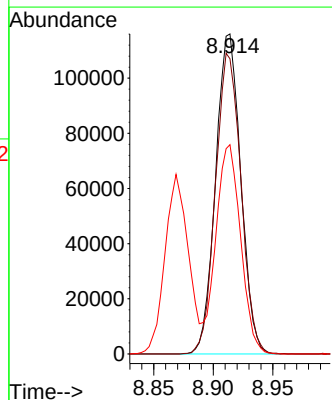
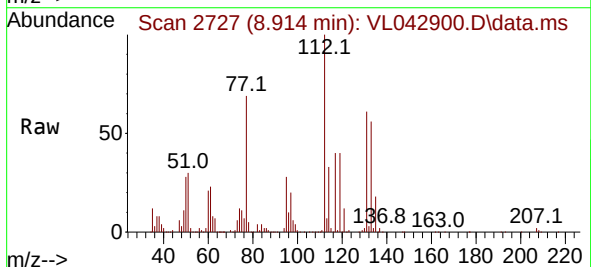
Instrument :  
MSVOA\_1  
ClientSampleId :  
VSTDCCC010

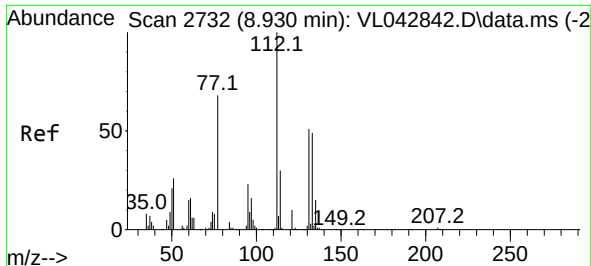
Tgt Ion:117 Resp: 282770  
Ion Ratio Lower Upper  
117 100  
82 71.7 54.6 81.8  
119 33.1 25.9 38.9



#56  
1,1,1,2-Tetrachloroethane  
Concen: 11.648 ppbv  
RT: 8.914 min Scan# 2727  
Delta R.T. 0.000 min  
Lab File: VL042900.D  
Acq: 08 Sep 2025 11:05

Tgt Ion:131 Resp: 170319  
Ion Ratio Lower Upper  
131 100  
133 95.2 77.4 116.0  
119 63.9 51.2 76.8

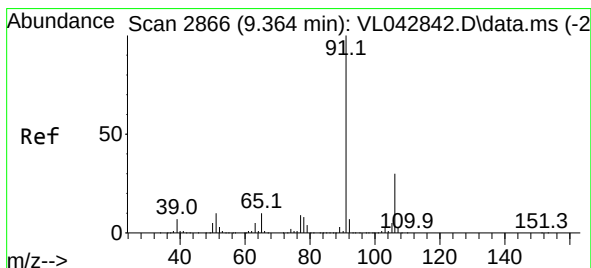
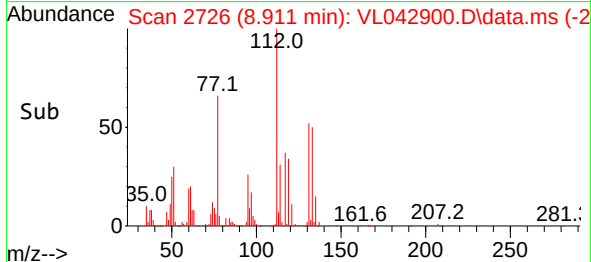
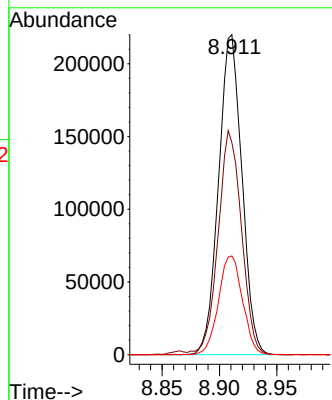
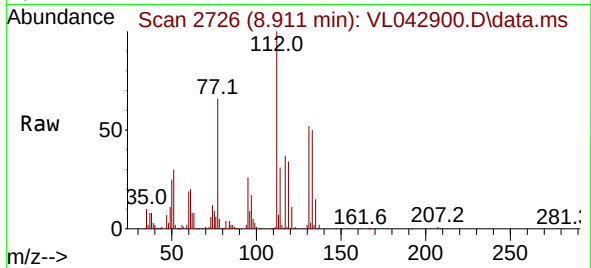




#57  
Chlorobenzene  
Concen: 11.581 ppbv  
RT: 8.911 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VL042900.D  
Acq: 08 Sep 2025 11:05

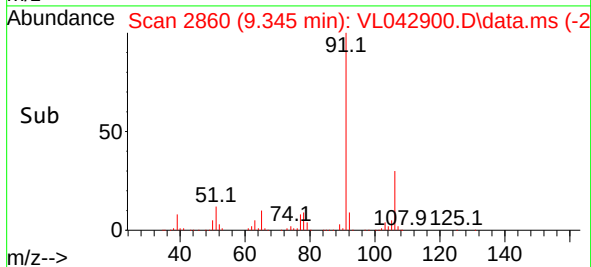
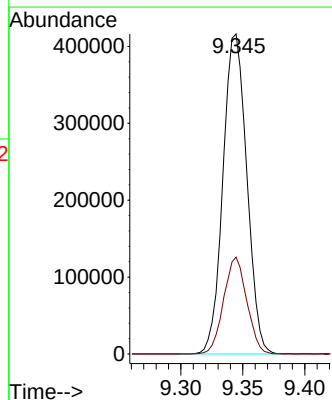
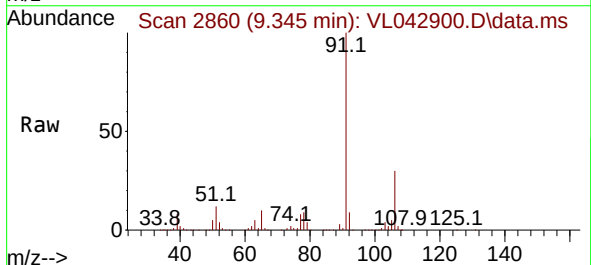
Instrument :  
MSVOA\_1  
ClientSampleId :  
VSTDCCC010

Tgt Ion:112 Resp: 311373  
Ion Ratio Lower Upper  
112 100  
77 66.1 55.5 83.3  
114 30.8 27.2 33.2

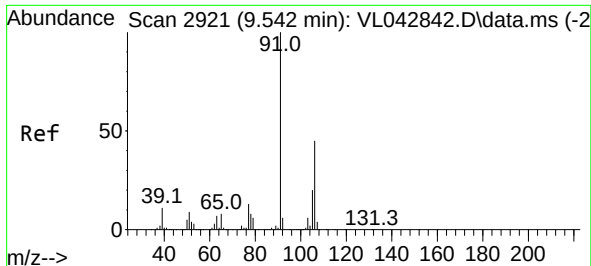


#58  
Ethyl Benzene  
Concen: 11.184 ppbv  
RT: 9.345 min Scan# 2860  
Delta R.T. 0.000 min  
Lab File: VL042900.D  
Acq: 08 Sep 2025 11:05

Tgt Ion: 91 Resp: 558102  
Ion Ratio Lower Upper  
91 100  
106 30.3 23.9 35.9







#59

m/p-Xylene

Concen: 11.981 ppbv

RT: 9.539 min Scan# 2921

Delta R.T. 0.000 min

Lab File: VL042900.D

Acq: 08 Sep 2025 11:05

Instrument :

MSVOA\_L

ClientSampleId :

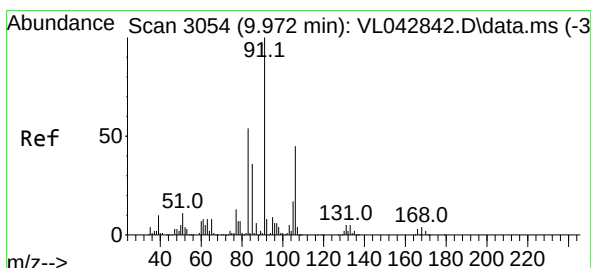
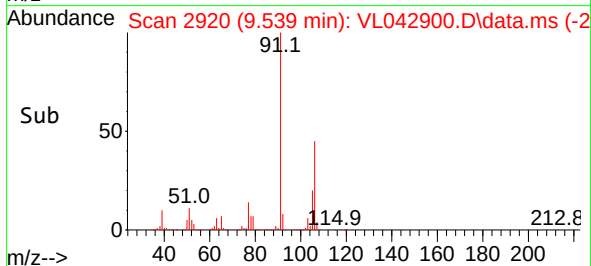
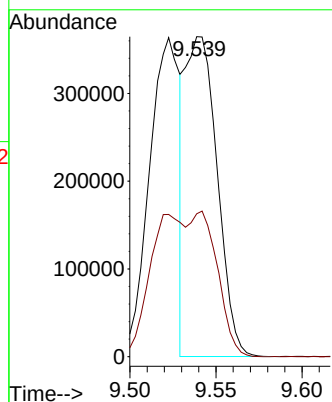
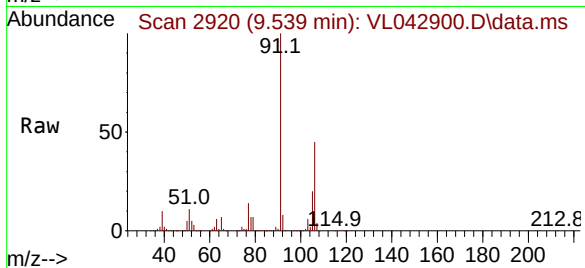
VSTDCCC010

Tgt Ion: 91 Resp: 468620

Ion Ratio Lower Upper

91 100

106 89.4 0.0 0.0#



#60

o-Xylene

Concen: 11.716 ppbv

RT: 9.953 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VL042900.D

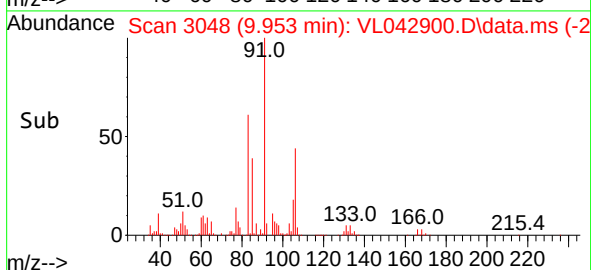
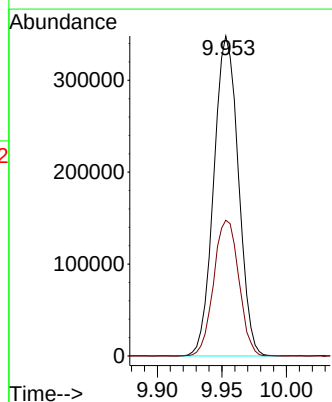
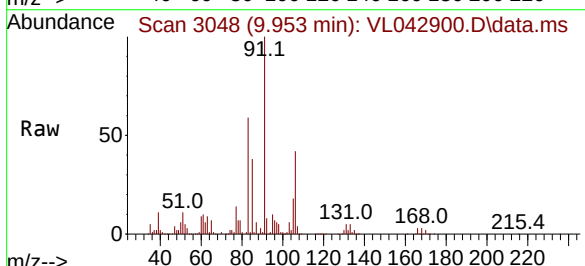
Acq: 08 Sep 2025 11:05

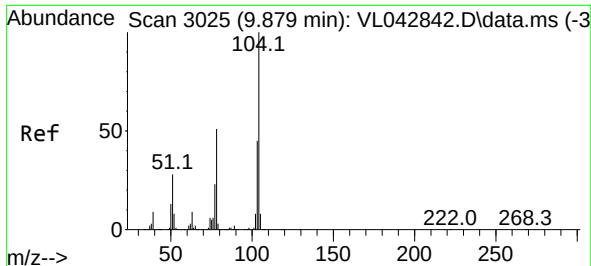
Tgt Ion: 91 Resp: 460968

Ion Ratio Lower Upper

91 100

106 43.4 21.8 65.4

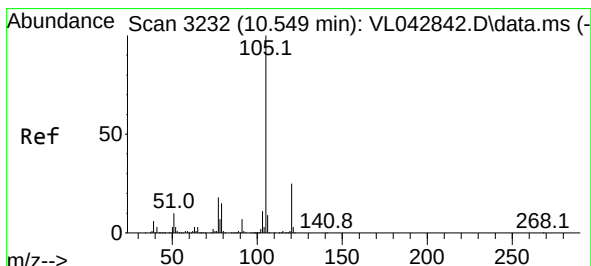
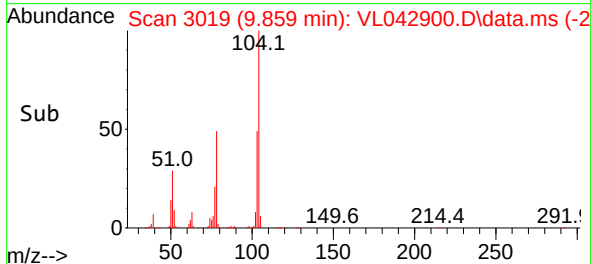
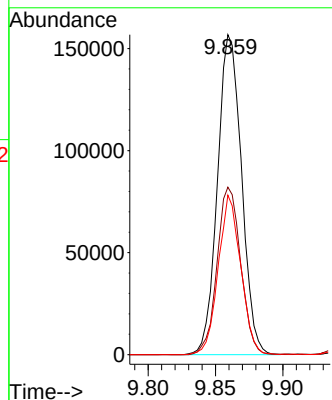
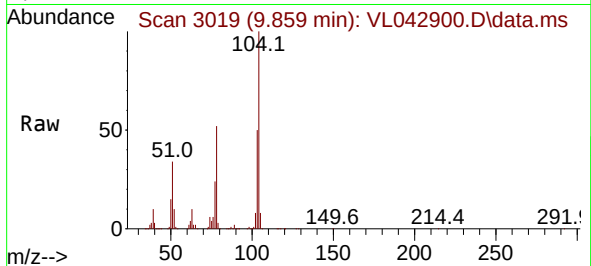




#61  
Styrene  
Concen: 10.579 ppbv  
RT: 9.859 min Scan# 3025  
Delta R.T. 0.000 min  
Lab File: VL042900.D  
Acq: 08 Sep 2025 11:05

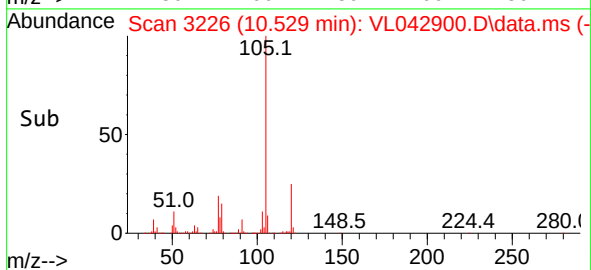
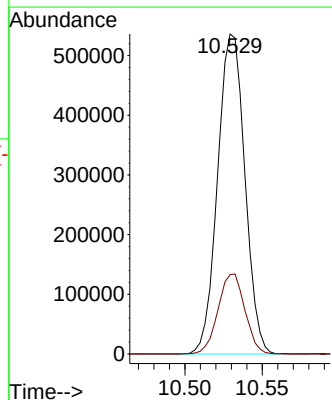
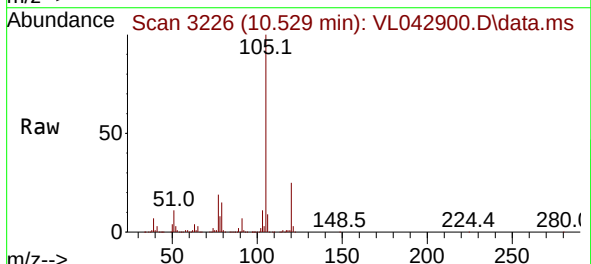
Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDCCC010

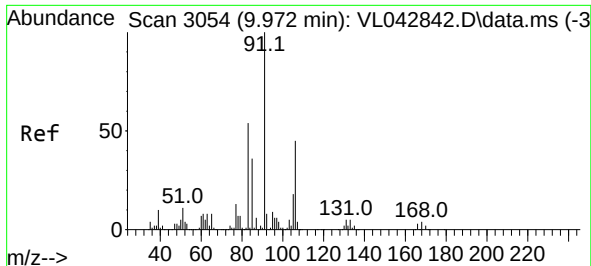
Tgt Ion:104 Resp: 195007  
Ion Ratio Lower Upper  
104 100  
78 51.3 40.6 61.0  
103 46.6 37.7 56.5



#62  
Isopropylbenzene  
Concen: 11.394 ppbv  
RT: 10.529 min Scan# 3226  
Delta R.T. 0.000 min  
Lab File: VL042900.D  
Acq: 08 Sep 2025 11:05

Tgt Ion:105 Resp: 655164  
Ion Ratio Lower Upper  
105 100  
120 24.5 20.6 30.8

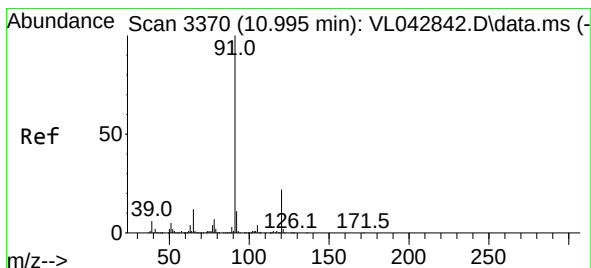
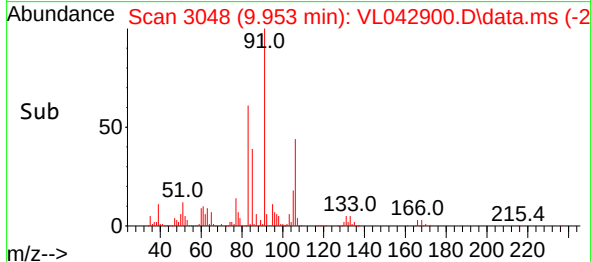
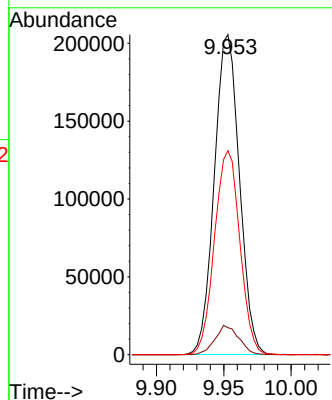
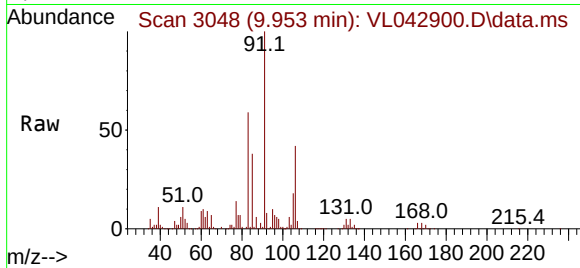




#63  
1,1,2,2-Tetrachloroethane  
Concen: 12.314 ppbv  
RT: 9.953 min Scan# 3054  
Delta R.T. 0.000 min  
Lab File: VL042900.D  
Acq: 08 Sep 2025 11:05

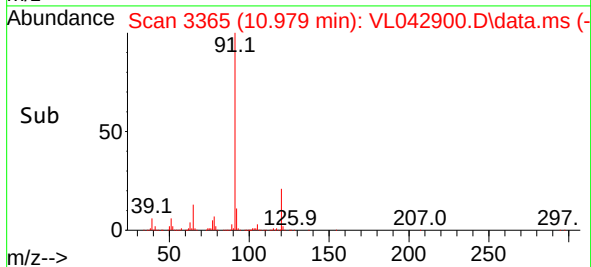
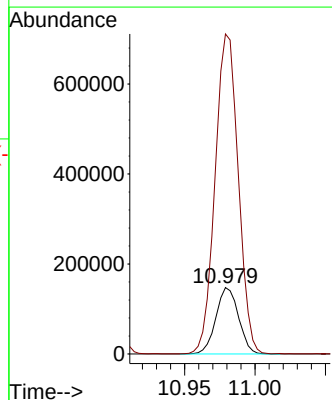
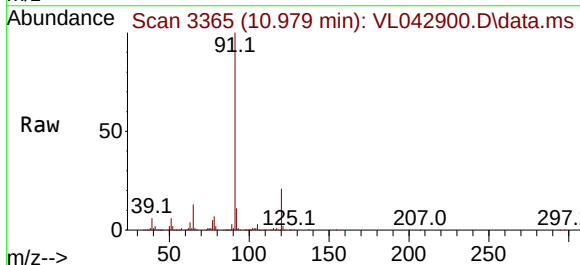
Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDCCC010

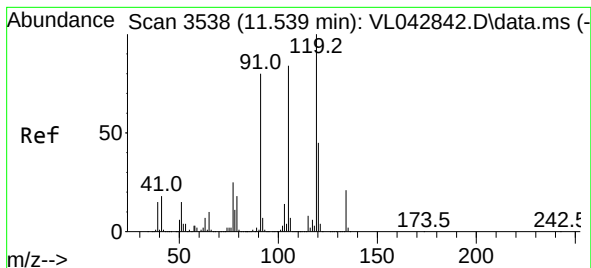
Tgt Ion: 83 Resp: 266435  
Ion Ratio Lower Upper  
83 100  
131 8.7 4.8 14.3  
85 64.5 32.3 96.8



#64  
n-propylbenzene  
Concen: 11.220 ppbv  
RT: 10.979 min Scan# 3365  
Delta R.T. 0.000 min  
Lab File: VL042900.D  
Acq: 08 Sep 2025 11:05

Tgt Ion:120 Resp: 164610  
Ion Ratio Lower Upper  
120 100  
91 495.9 375.8 563.6

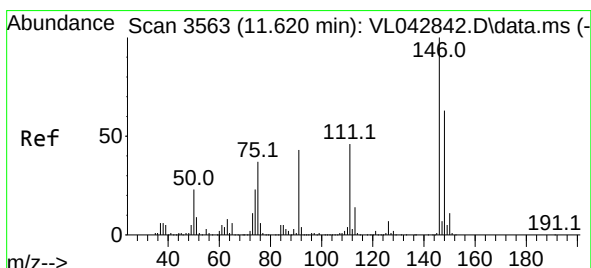
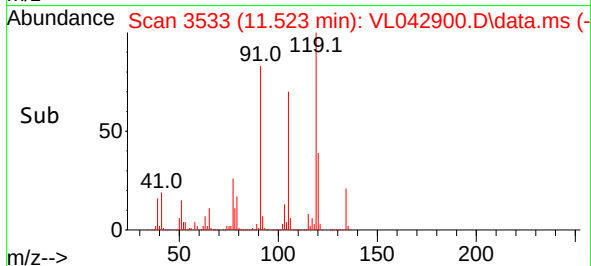
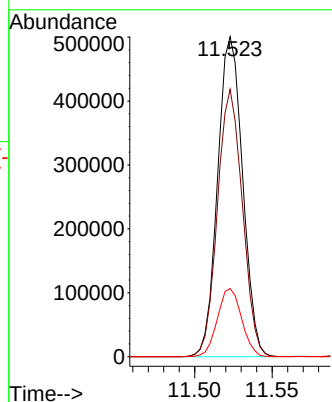
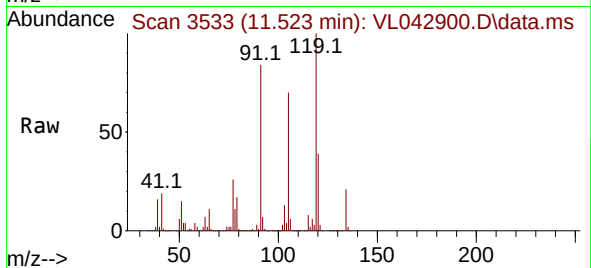




#65  
tert-Butylbenzene  
Concen: 11.075 ppbv  
RT: 11.523 min Scan# 3533  
Delta R.T. 0.000 min  
Lab File: VL042900.D  
Acq: 08 Sep 2025 11:05

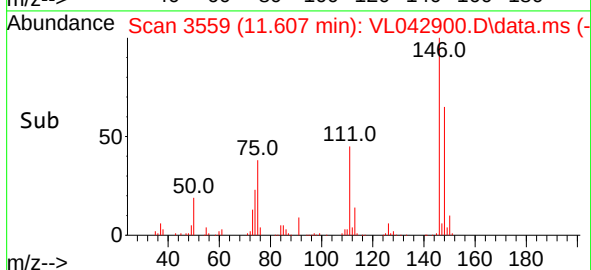
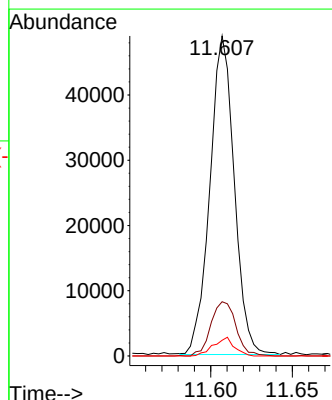
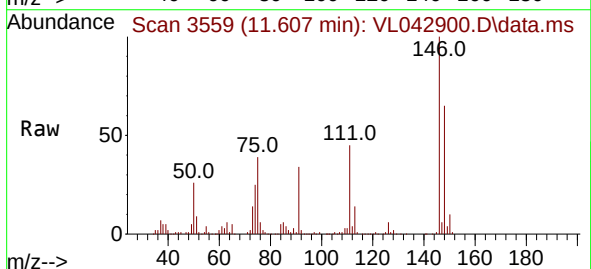
Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDCCC010

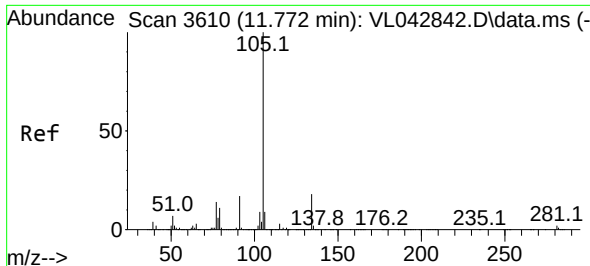
Tgt Ion:119 Resp: 561409  
Ion Ratio Lower Upper  
119 100  
91 83.4 63.9 95.9  
134 20.6 17.0 25.4



#66  
Benzyl Chloride  
Concen: 7.895 ppbv  
RT: 11.607 min Scan# 3559  
Delta R.T. 0.000 min  
Lab File: VL042900.D  
Acq: 08 Sep 2025 11:05

Tgt Ion: 91 Resp: 50803  
Ion Ratio Lower Upper  
91 100  
126 17.5 14.2 21.4  
128 5.0 5.0 7.6#

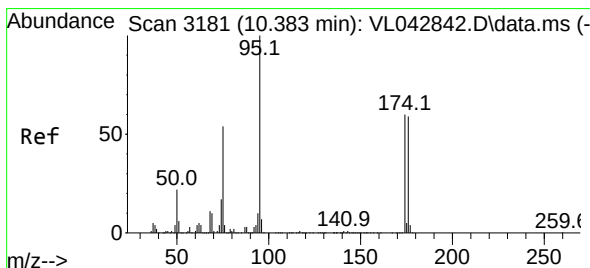
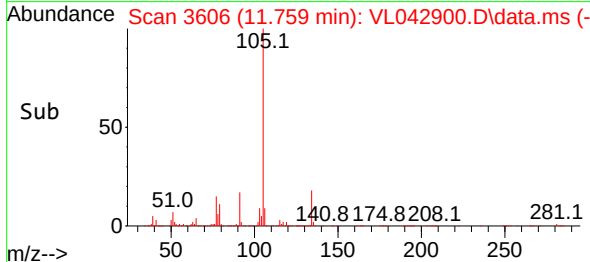
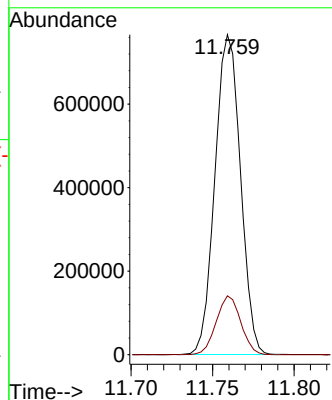
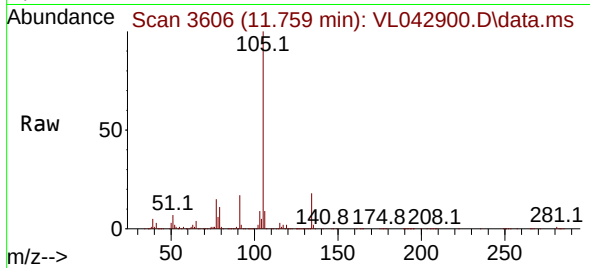




#67  
 sec-Butylbenzene  
 Concen: 11.709 ppbv  
 RT: 11.759 min Scan# 3606  
 Delta R.T. 0.000 min  
 Lab File: VL042900.D  
 Acq: 08 Sep 2025 11:05

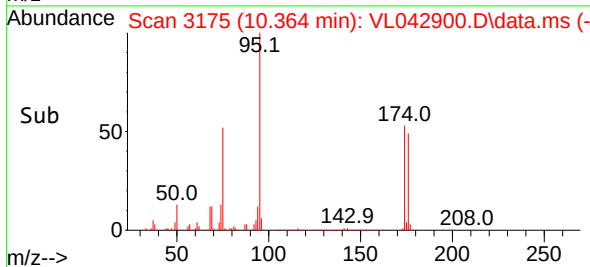
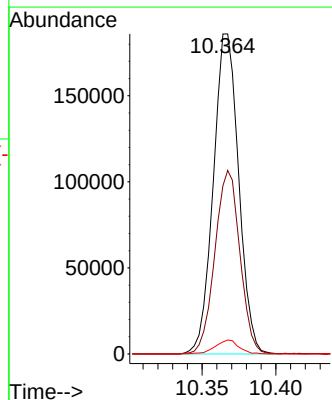
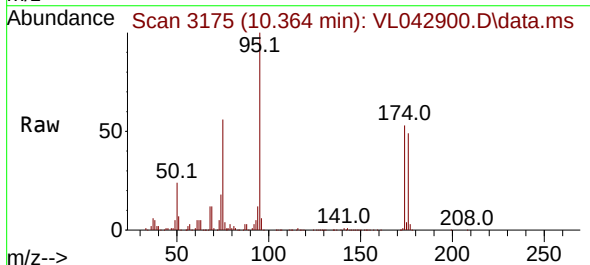
Instrument :  
 MSVOA\_1  
 ClientSampleId :  
 VSTDCCC010

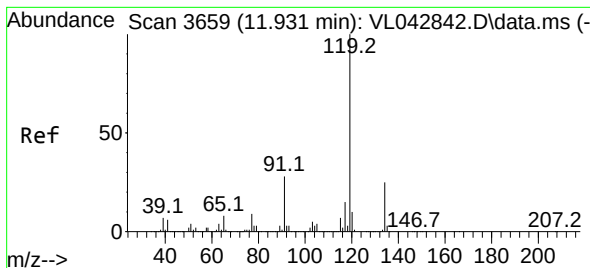
Tgt Ion:105 Resp: 833114  
 Ion Ratio Lower Upper  
 105 100  
 134 17.7 14.9 22.3



#68  
 1-Bromo-4-Fluorobenzene  
 Concen: 10.483 ppbv  
 RT: 10.364 min Scan# 3175  
 Delta R.T. 0.000 min  
 Lab File: VL042900.D  
 Acq: 08 Sep 2025 11:05

Tgt Ion: 95 Resp: 222314  
 Ion Ratio Lower Upper  
 95 100  
 174 56.8 48.4 72.6  
 175 4.1 3.8 5.8

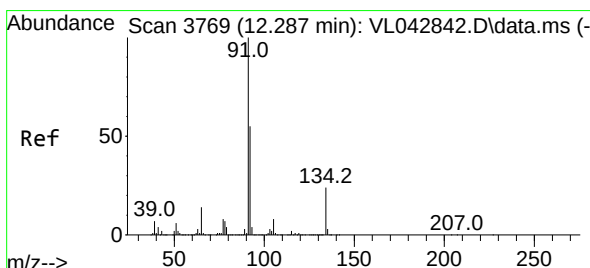
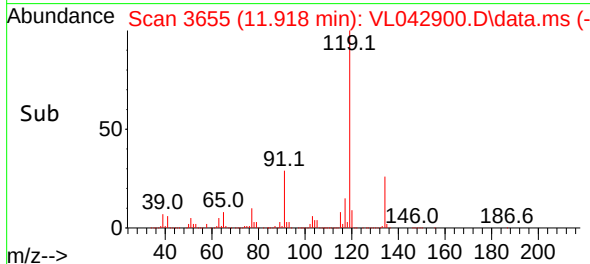
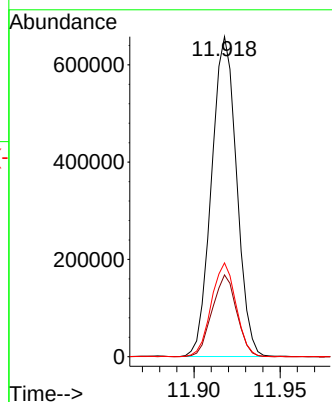
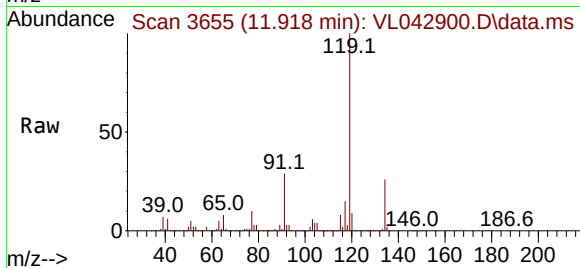




#69  
 p-Isopropyltoluene  
 Concen: 10.929 ppbv  
 RT: 11.918 min Scan# 30  
 Delta R.T. 0.000 min  
 Lab File: VL042900.D  
 Acq: 08 Sep 2025 11:05

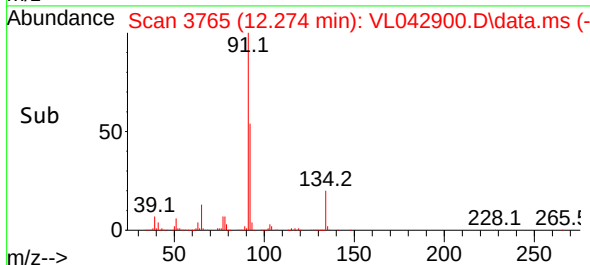
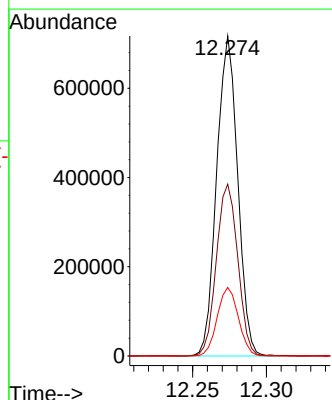
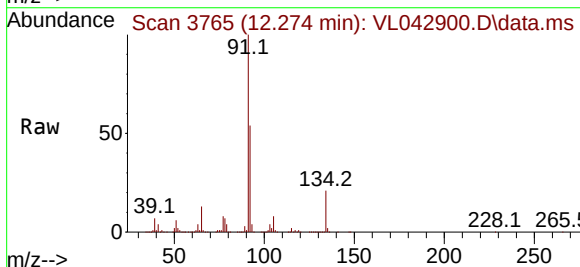
Instrument :  
 MSVOA\_1  
 ClientSampleId :  
 VSTDCCC010

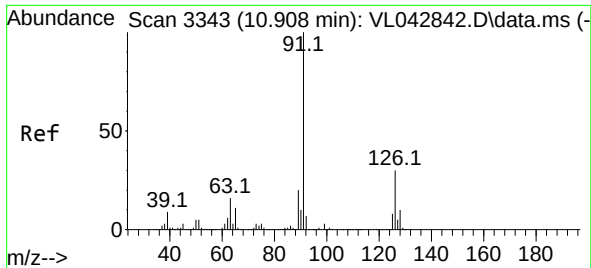
Tgt Ion:119 Resp: 667558  
 Ion Ratio Lower Upper  
 119 100  
 134 25.1 20.6 30.8  
 91 29.0 22.6 34.0



#70  
 n-Butylbenzene  
 Concen: 11.736 ppbv  
 RT: 12.274 min Scan# 3765  
 Delta R.T. 0.000 min  
 Lab File: VL042900.D  
 Acq: 08 Sep 2025 11:05

Tgt Ion: 91 Resp: 711012  
 Ion Ratio Lower Upper  
 91 100  
 92 54.7 44.6 66.8  
 134 21.6 19.0 28.4

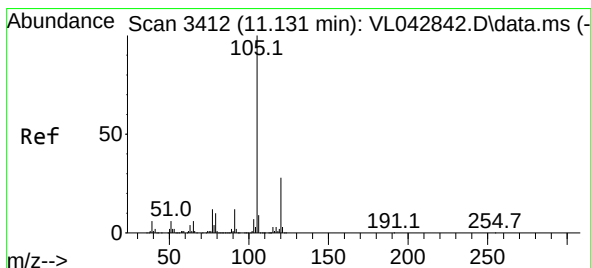
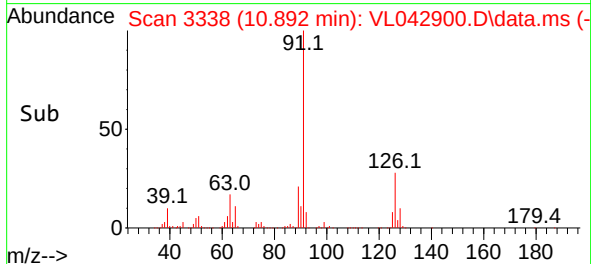
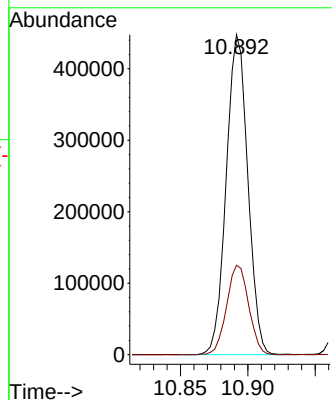
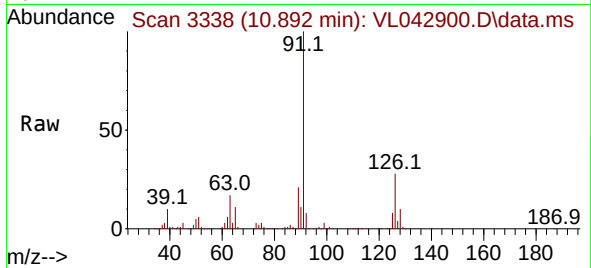




#71  
2-Chlorotoluene  
Concen: 11.156 ppbv  
RT: 10.892 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VL042900.D  
Acq: 08 Sep 2025 11:05

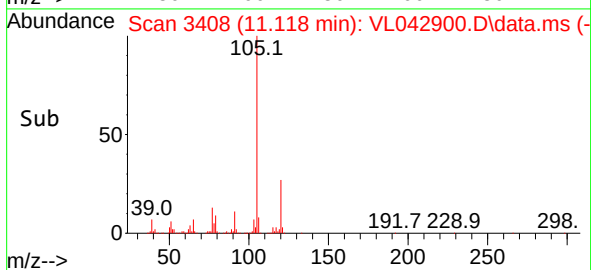
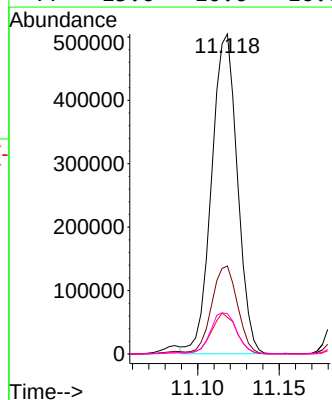
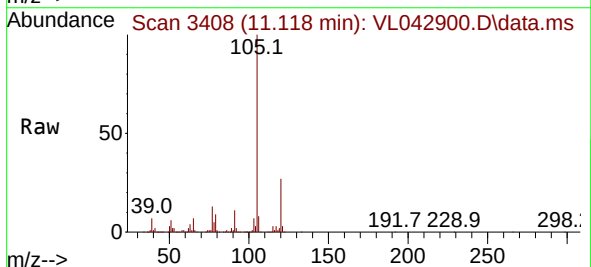
Instrument :  
MSVOA\_1  
ClientSampleId :  
VSTDCCC010

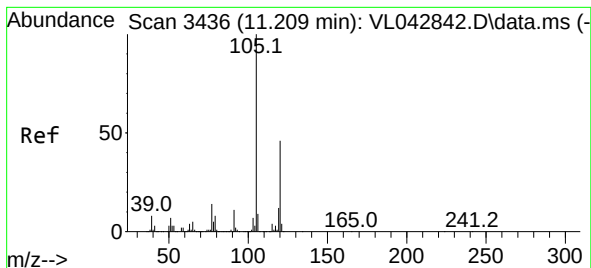
Tgt Ion: 91 Resp: 498072  
Ion Ratio Lower Upper  
91 100  
126 28.5 12.0 47.8



#72  
4-Ethyltoluene  
Concen: 11.624 ppbv  
RT: 11.118 min Scan# 3408  
Delta R.T. 0.000 min  
Lab File: VL042900.D  
Acq: 08 Sep 2025 11:05

Tgt Ion: 105 Resp: 554411  
Ion Ratio Lower Upper  
105 100  
120 28.3 23.4 35.2  
91 12.9 9.8 14.6  
77 13.6 10.6 16.0





#73

1,3,5-Trimethylbenzene

Concen: 11.105 ppbv

RT: 11.196 min Scan# 34

Delta R.T. 0.000 min

Lab File: VL042900.D

Acq: 08 Sep 2025 11:05

Instrument :

MSVOA\_L

ClientSampleId :

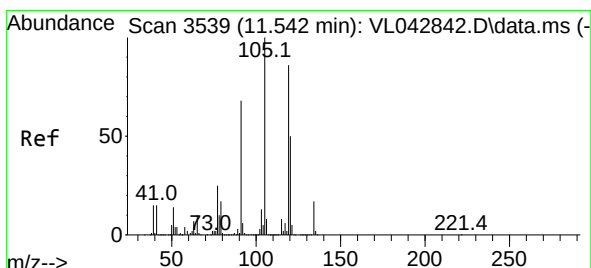
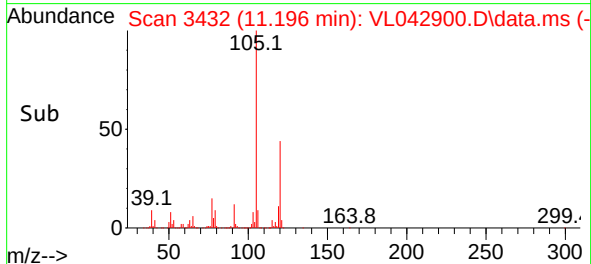
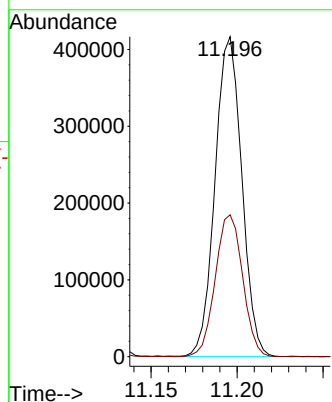
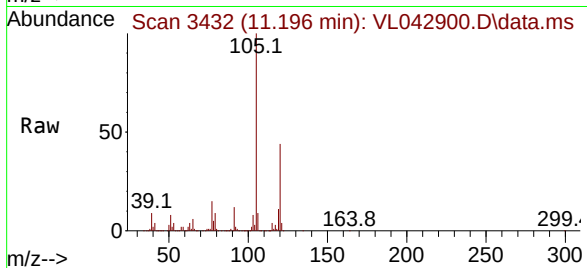
VSTDCCC010

Tgt Ion:105 Resp: 450409

Ion Ratio Lower Upper

105 100

120 44.3 36.6 54.8



#74

1,2,4-Trimethylbenzene

Concen: 11.424 ppbv

RT: 11.529 min Scan# 3535

Delta R.T. 0.000 min

Lab File: VL042900.D

Acq: 08 Sep 2025 11:05

Tgt Ion:105 Resp: 508605

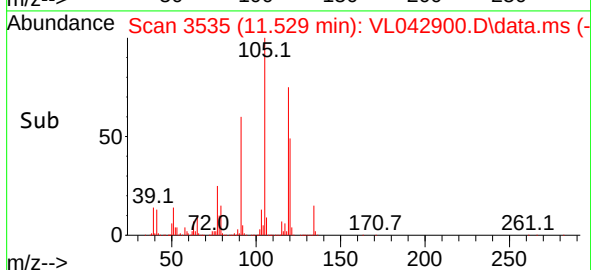
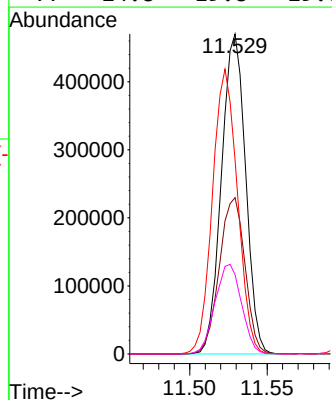
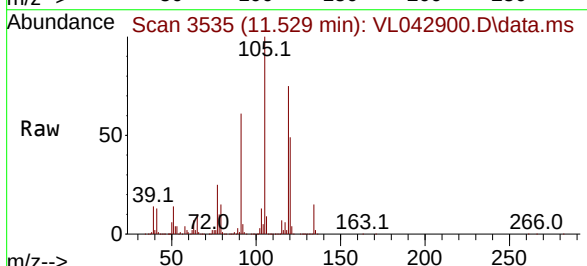
Ion Ratio Lower Upper

105 100

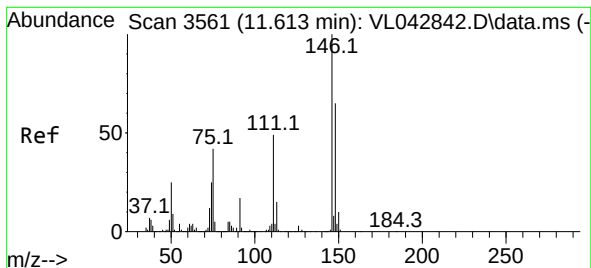
120 48.8 39.8 59.6

91 60.5 54.2 81.4

77 24.8 19.8 29.6







#75

1,3-Dichlorobenzene

Concen: 11.445 ppbv

RT: 11.597 min Scan# 3556

Delta R.T. 0.000 min

Lab File: VL042900.D

Acq: 08 Sep 2025 11:05

Instrument :

MSVOA\_L

ClientSampleId :

VSTDCCC010

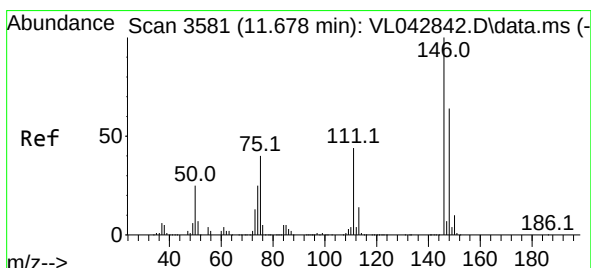
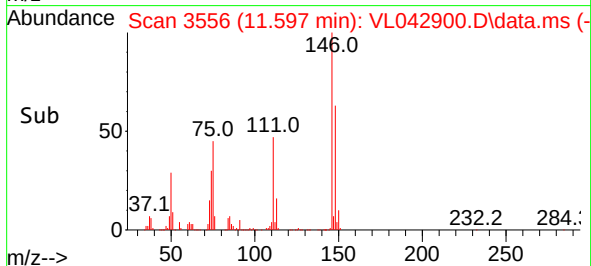
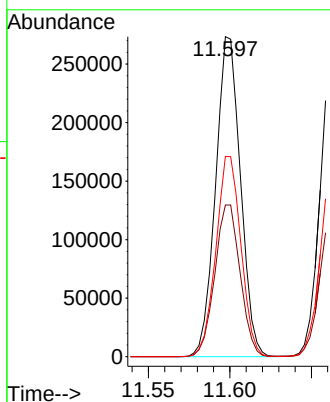
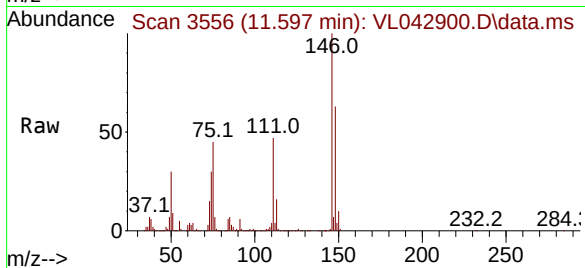
Tgt Ion:146 Resp: 289650

Ion Ratio Lower Upper

146 100

111 48.4 23.9 71.7

148 63.1 31.4 94.0



#76

1,4-Dichlorobenzene

Concen: 11.226 ppbv

RT: 11.662 min Scan# 3576

Delta R.T. 0.000 min

Lab File: VL042900.D

Acq: 08 Sep 2025 11:05

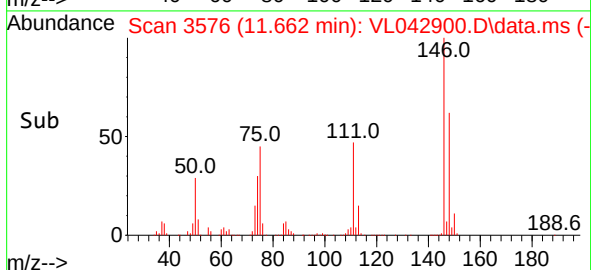
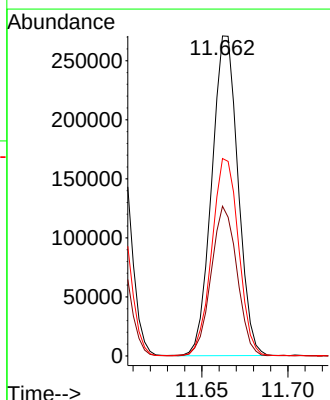
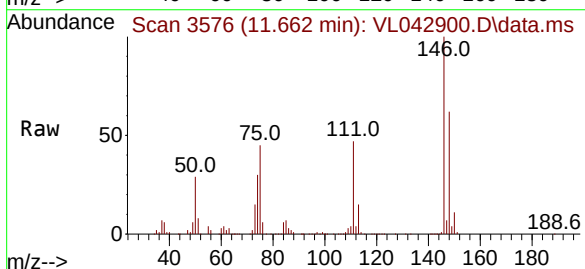
Tgt Ion:146 Resp: 287352

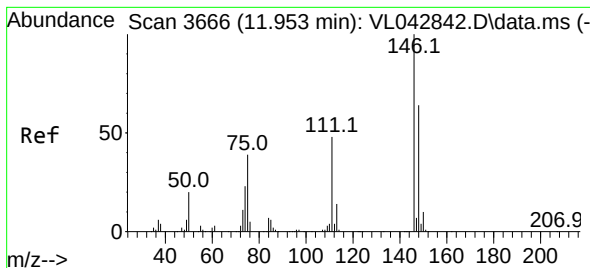
Ion Ratio Lower Upper

146 100

111 46.3 22.7 68.1

148 63.2 31.8 95.3





#77

1,2-Dichlorobenzene

Concen: 11.351 ppbv

RT: 11.940 min Scan# 3

Delta R.T. 0.000 min

Lab File: VL042900.D

Acq: 08 Sep 2025 11:05

Instrument :

MSVOA\_L

ClientSampleId :

VSTDCCC010

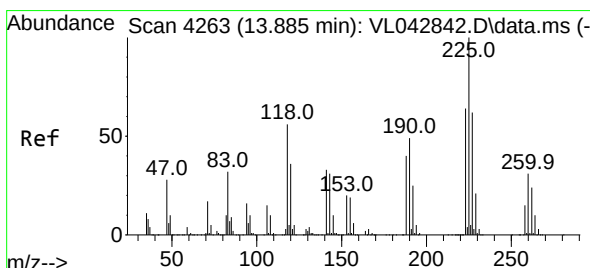
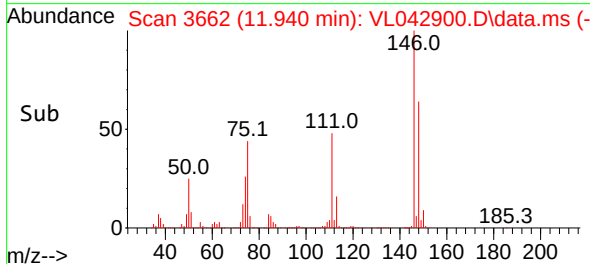
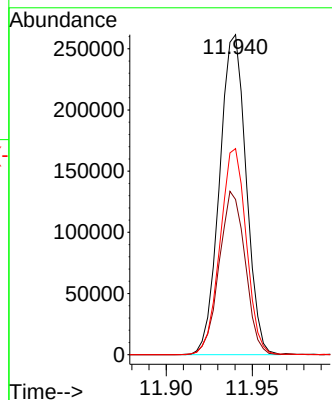
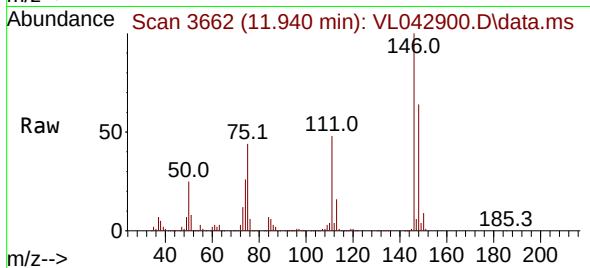
Tgt Ion:146 Resp: 281307

Ion Ratio Lower Upper

146 100

111 50.0 24.6 74.0

148 63.5 32.0 96.0



#78

Hexachloro-1,3-Butadiene

Concen: 8.266 ppbv

RT: 13.873 min Scan# 4259

Delta R.T. 0.000 min

Lab File: VL042900.D

Acq: 08 Sep 2025 11:05

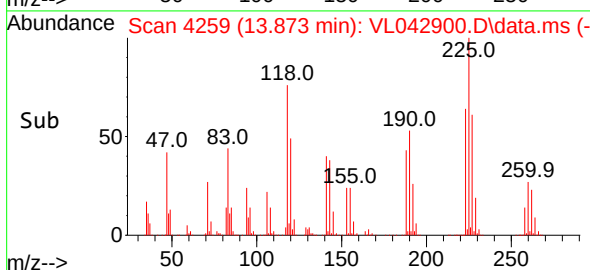
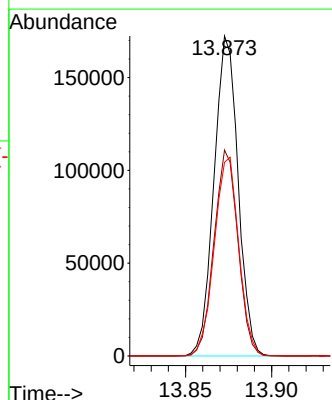
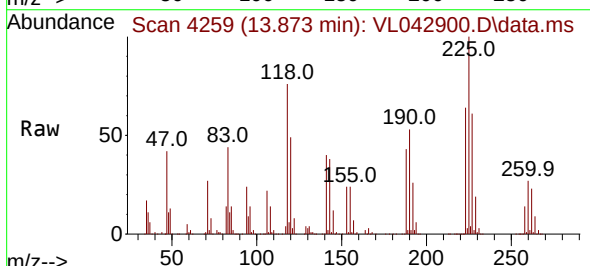
Tgt Ion:225 Resp: 167893

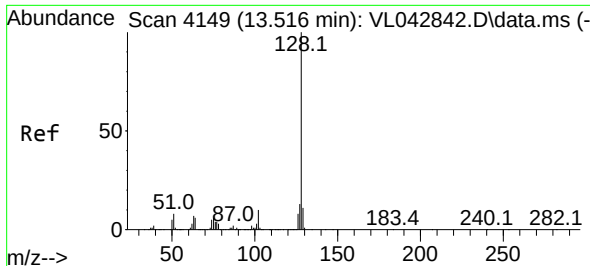
Ion Ratio Lower Upper

225 100

223 63.8 51.4 77.2

227 63.3 51.9 77.9

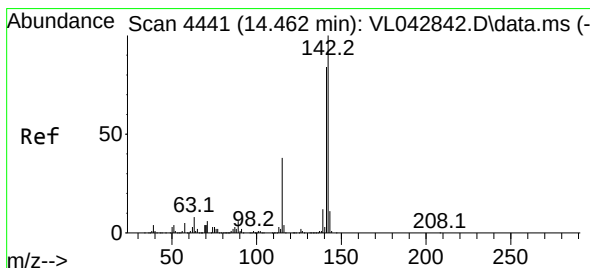
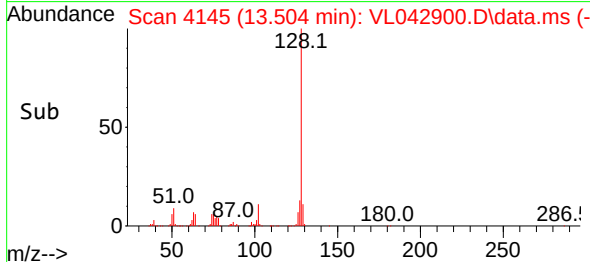
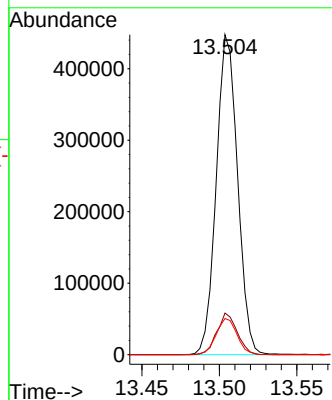
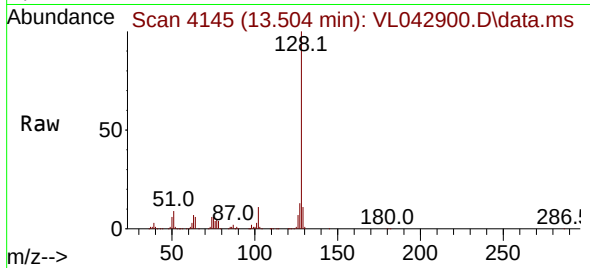




#79  
Naphthalene  
Concen: 10.613 ppbv  
RT: 13.504 min Scan# 4149  
Delta R.T. 0.000 min  
Lab File: VL042900.D  
Acq: 08 Sep 2025 11:05

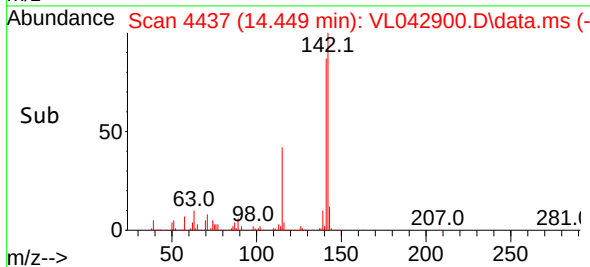
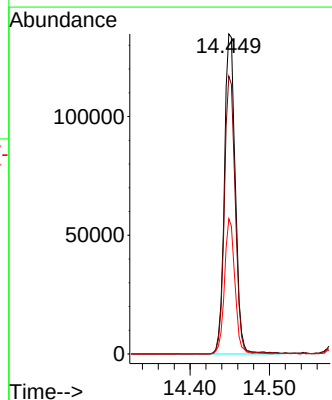
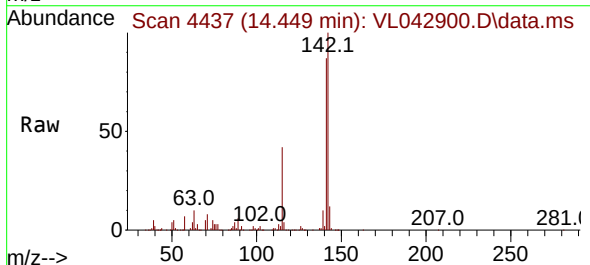
Instrument :  
MSVOA\_1  
ClientSampleId :  
VSTDCCC010

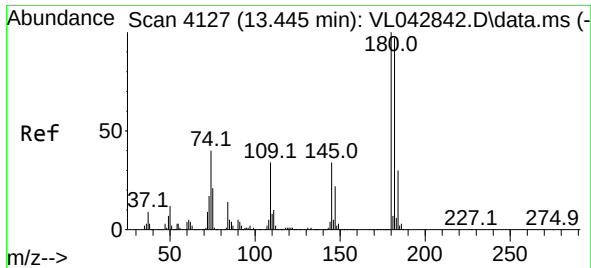
Tgt Ion:128 Resp: 428355  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.6 16.0  
129 11.3 8.9 13.3



#80  
Naphthalene,2-methyl-  
Concen: 8.470 ppbv  
RT: 14.449 min Scan# 4437  
Delta R.T. 0.000 min  
Lab File: VL042900.D  
Acq: 08 Sep 2025 11:05

Tgt Ion:142 Resp: 127751  
Ion Ratio Lower Upper  
142 100  
141 87.4 67.0 100.6  
115 40.4 30.9 46.3





#81  
 1,2,4-Trichlorobenzene  
 Concen: 10.226 ppbv  
 RT: 13.432 min Scan# 41  
 Delta R.T. 0.000 min  
 Lab File: VL042900.D  
 Acq: 08 Sep 2025 11:05

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VSTDCCC010

Tgt Ion:180 Resp: 207455  
 Ion Ratio Lower Upper  
 180 100  
 182 95.4 76.9 115.3  
 184 30.0 24.5 36.7

