

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL093025\  
 Data File : VL043018.D  
 Acq On : 30 Sep 2025 09:04  
 Operator : SY/MD  
 Sample : VSTDICCC010  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :

Quant Time: Sep 30 23:55:34 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL093025AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
 QLast Update : Tue Sep 30 23:54:02 2025  
 Response via : Initial Calibration

| Compound                | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------|-------|------|----------|--------|-------|----------|
| -----                   |       |      |          |        |       |          |
| Internal Standards      |       |      |          |        |       |          |
| 1) Bromochloromethane   | 2.787 | 49   | 152530   | 10.000 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 3.959 | 114  | 481572   | 10.000 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 8.882 | 117  | 435527   | 10.000 | ppbv  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 68) 1-Bromo-4-Fluorobenzene | 10.377 | 95    | 335426   | 10.167   | ppbv | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 101.700% |

| Target Compounds              |       |     |        |        |        | Qvalue |
|-------------------------------|-------|-----|--------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.502 | 85  | 245752 | 9.310  | ppbv   | 100    |
| 3) Chlorodifluoromethane      | 1.476 | 51  | 262204 | 9.329  | ppbv   | 100    |
| 4) Chloromethane              | 1.534 | 50  | 92804  | 9.263  | ppbv   | 100    |
| 5) Vinyl Chloride             | 1.583 | 62  | 84772  | 8.723  | ppbv   | 100    |
| 6) Bromomethane               | 1.670 | 94  | 33291  | 9.479  | ppbv   | 100    |
| 7) Chloroethane               | 1.706 | 64  | 35300  | 9.099  | ppbv   | 100    |
| 8) Dichlorotetrafluoroethane  | 1.557 | 85  | 204699 | 9.513  | ppbv   | 100    |
| 9) Propene                    | 1.486 | 41  | 105165 | 9.619  | ppbv   | 100    |
| 10) Heptane                   | 4.981 | 43  | 287980 | 10.213 | ppbv   | 100    |
| 11) Trichlorofluoromethane    | 1.881 | 101 | 249489 | 9.379  | ppbv   | 100    |
| 12) 1,1,2-Trichlorotrifluo... | 2.140 | 101 | 199476 | 9.462  | ppbv   | 100    |
| 13) Ethanol                   | 1.722 | 45  | 8581   | 9.734  | ppbv   | 94     |
| 14) Bromoethene               | 1.784 | 108 | 74341  | 9.462  | ppbv   | 100    |
| 15) Acetone                   | 1.835 | 43  | 173073 | 7.958  | ppbv   | 100    |
| 16) 1,3-Butadiene             | 1.612 | 39  | 80901  | 8.787  | ppbv   | 100    |
| 17) tert-Butyl alcohol        | 2.039 | 59  | 226585 | 9.324  | ppbv   | 100    |
| 18) 1,1-Dichloroethene        | 2.036 | 96  | 88534  | 9.338  | ppbv   | 100    |
| 19) Isopropyl Alcohol         | 1.887 | 45  | 116152 | 9.081  | ppbv   | 100    |
| 20) Methylene Chloride        | 2.062 | 84  | 79529  | 9.205  | ppbv   | 100    |
| 21) Allyl Chloride            | 2.098 | 41  | 140789 | 9.568  | ppbv   | 100    |
| 22) trans-1,2-Dichloroethene  | 2.344 | 96  | 101892 | 9.493  | ppbv   | 100    |
| 23) Vinyl Acetate             | 2.463 | 43  | 288833 | 9.613  | ppbv   | 100    |
| 24) 1,1-Dichloroethane        | 2.412 | 63  | 190347 | 9.423  | ppbv   | 100    |
| 25) Ethyl Acetate             | 2.836 | 43  | 508936 | 9.174  | ppbv   | 100    |
| 26) Hexane                    | 2.829 | 57  | 237594 | 8.234  | ppbv   | 100    |
| 27) Carbon Disulfide          | 2.153 | 76  | 241656 | 9.522  | ppbv   | 100    |
| 28) Methyl tert-Butyl Ether   | 2.441 | 73  | 147599 | 10.450 | ppbv   | 100    |
| 29) Chloroform                | 2.848 | 83  | 340691 | 9.489  | ppbv   | 100    |
| 30) Cyclohexane               | 3.858 | 84  | 200066 | 10.067 | ppbv   | 100    |
| 31) cis-1,2-Dichloroethene    | 2.722 | 61  | 228440 | 9.751  | ppbv   | 100    |
| 32) 1,1,1-Trichloroethane     | 3.370 | 97  | 347995 | 9.568  | ppbv   | 100    |
| 34) 2-Butanone                | 2.557 | 43  | 323504 | 9.541  | ppbv   | 100    |
| 35) Carbon Tetrachloride      | 3.764 | 117 | 352910 | 9.030  | ppbv   | 100    |
| 36) Benzene                   | 3.658 | 78  | 467720 | 9.690  | ppbv   | 100    |
| 37) 1,2-Dichloroethane        | 3.221 | 62  | 260052 | 9.429  | ppbv   | 100    |
| 38) Trichloroethene           | 4.551 | 130 | 230117 | 9.304  | ppbv   | 100    |
| 39) 1,2-Dichloropropane       | 4.315 | 63  | 167757 | 9.466  | ppbv   | 100    |
| 40) 1,4-Dioxane               | 4.583 | 88  | 75431  | 10.035 | ppbv # | 100    |
| 41) Tetrahydrofuran           | 3.052 | 42  | 182673 | 10.116 | ppbv   | 100    |
| 42) Bromodichloromethane      | 4.489 | 83  | 369811 | 9.653  | ppbv   | 100    |
| 43) Methyl Methacrylate       | 4.881 | 69  | 178713 | 10.538 | ppbv   | 100    |
| 44) 2,2,4-Trimethylpentane    | 4.642 | 57  | 768864 | 9.683  | ppbv   | 100    |
| 45) t-1,3-Dichloropropene     | 6.415 | 75  | 201168 | 10.433 | ppbv   | 100    |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL093025\  
 Data File : VL043018.D  
 Acq On : 30 Sep 2025 09:04  
 Operator : SY/MD  
 Sample : VSTDICCC010  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

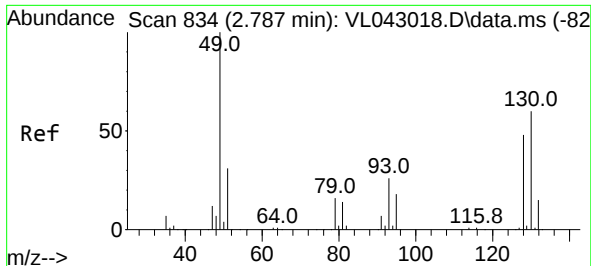
Instrument :  
 MSVOA\_L  
 ClientSampleId :

Quant Time: Sep 30 23:55:34 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL093025AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
 QLast Update : Tue Sep 30 23:54:02 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 46) cis-1,3-Dichloropropene   | 5.603  | 75   | 257695   | 10.245 | ppbv   | 100      |
| 47) 1,1,2-Trichloroethane     | 6.584  | 97   | 181117   | 9.634  | ppbv   | 100      |
| 48) Dibromochloromethane      | 7.389  | 129  | 318763   | 9.836  | ppbv   | 100      |
| 49) Bromoform                 | 9.484  | 173  | 279935   | 10.180 | ppbv   | 100      |
| 50) 4-Methyl-2-Pentanone      | 5.745  | 43   | 437662   | 10.115 | ppbv   | 100      |
| 51) 2-Hexanone                | 7.435  | 43   | 350573   | 10.995 | ppbv   | 100      |
| 52) Tetrachloroethene         | 8.228  | 164  | 173739   | 9.030  | ppbv   | 100      |
| 53) Toluene                   | 6.936  | 91   | 541908   | 10.068 | ppbv   | 100      |
| 54) 1,2-Dibromoethane         | 7.655  | 107  | 258052   | 9.836  | ppbv   | 100      |
| 56) 1,1,1,2-Tetrachloroethane | 8.927  | 131  | 234673   | 9.509  | ppbv   | 100      |
| 57) Chlorobenzene             | 8.924  | 112  | 422421   | 9.409  | ppbv   | 100      |
| 58) Ethyl Benzene             | 9.357  | 91   | 743277   | 10.068 | ppbv   | 100      |
| 59) m/p-Xylene                | 9.552  | 91   | 606061   | 10.203 | ppbv # | 33       |
| 60) o-Xylene                  | 9.966  | 91   | 592630   | 10.039 | ppbv   | 100      |
| 61) Styrene                   | 9.872  | 104  | 271562   | 10.868 | ppbv   | 100      |
| 62) Isopropylbenzene          | 10.542 | 105  | 871327   | 9.913  | ppbv   | 100      |
| 63) 1,1,2,2-Tetrachloroethane | 9.966  | 83   | 293025   | 9.248  | ppbv   | 100      |
| 64) n-propylbenzene           | 10.989 | 120  | 226471   | 9.886  | ppbv   | 100      |
| 65) tert-Butylbenzene         | 11.532 | 119  | 776480   | 9.755  | ppbv   | 100      |
| 66) Benzyl Chloride           | 11.617 | 91   | 69902    | 11.008 | ppbv   | 100      |
| 67) sec-Butylbenzene          | 11.769 | 105  | 1059591  | 9.546  | ppbv   | 100      |
| 69) p-Isopropyltoluene        | 11.927 | 119  | 912492   | 9.871  | ppbv   | 100      |
| 70) n-Butylbenzene            | 12.283 | 91   | 899952   | 10.076 | ppbv   | 100      |
| 71) 2-Chlorotoluene           | 10.901 | 91   | 651840   | 9.943  | ppbv   | 100      |
| 72) 4-Ethyltoluene            | 11.128 | 105  | 736218   | 10.137 | ppbv   | 100      |
| 73) 1,3,5-Trimethylbenzene    | 11.205 | 105  | 606727   | 9.908  | ppbv   | 100      |
| 74) 1,2,4-Trimethylbenzene    | 11.539 | 105  | 666377   | 9.641  | ppbv   | 100      |
| 75) 1,3-Dichlorobenzene       | 11.610 | 146  | 419914   | 9.510  | ppbv   | 100      |
| 76) 1,4-Dichlorobenzene       | 11.672 | 146  | 417361   | 9.672  | ppbv   | 100      |
| 77) 1,2-Dichlorobenzene       | 11.947 | 146  | 399469   | 9.265  | ppbv   | 100      |
| 78) Hexachloro-1,3-Butadiene  | 13.882 | 225  | 304210   | 8.822  | ppbv   | 100      |
| 79) Naphthalene               | 13.513 | 128  | 644643   | 11.821 | ppbv   | 100      |
| 80) Naphthalene,2-methyl-     | 14.458 | 142  | 163081   | 11.559 | ppbv   | 100      |
| 81) 1,2,4-Trichlorobenzene    | 13.442 | 180  | 351051   | 10.616 | ppbv   | 100      |

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

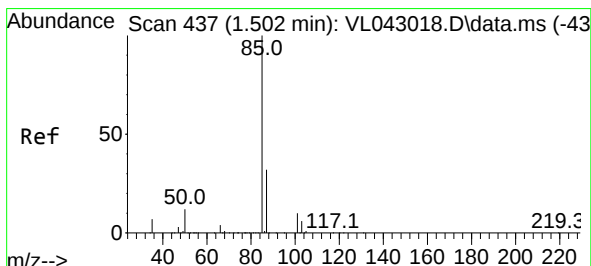
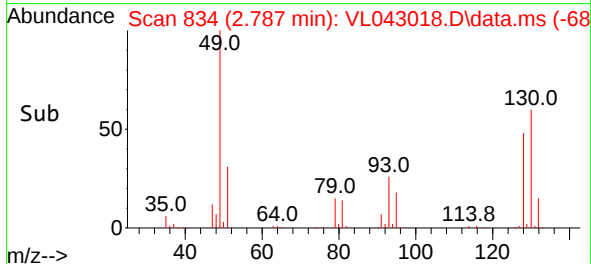
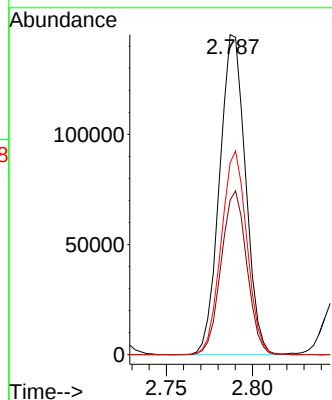
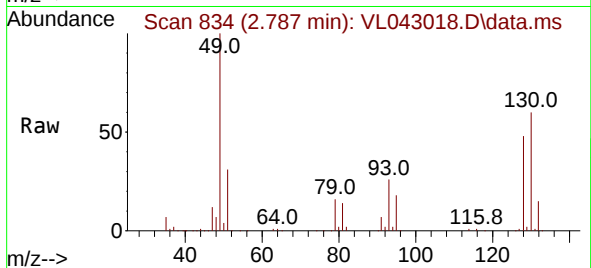




#1  
Bromochloromethane  
Concen: 10.000 ppbv  
RT: 2.787 min Scan# 834  
Delta R.T. -0.000 min  
Lab File: VL043018.D  
Acq: 30 Sep 2025 09:04

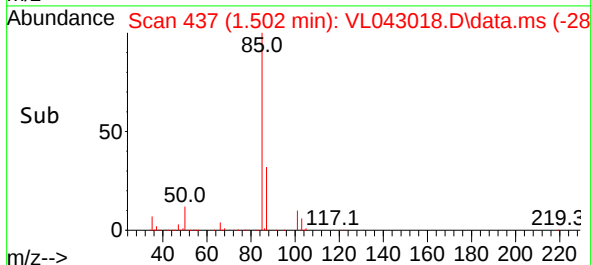
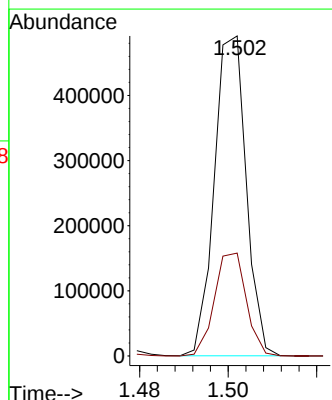
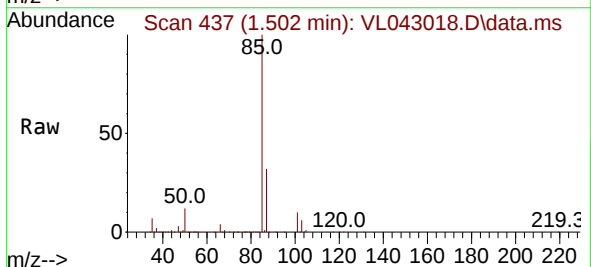
Instrument :  
MSVOA\_L  
ClientSampleId :

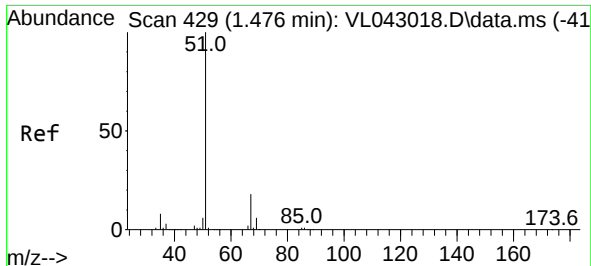
Tgt Ion: 49 Resp: 152530  
Ion Ratio Lower Upper  
49 100  
128 50.4 25.2 75.6  
130 63.1 31.6 94.7



#2  
Dichlorodifluoromethane  
Concen: 9.310 ppbv  
RT: 1.502 min Scan# 437  
Delta R.T. 0.000 min  
Lab File: VL043018.D  
Acq: 30 Sep 2025 09:04

Tgt Ion: 85 Resp: 245752  
Ion Ratio Lower Upper  
85 100  
87 32.2 25.8 38.6

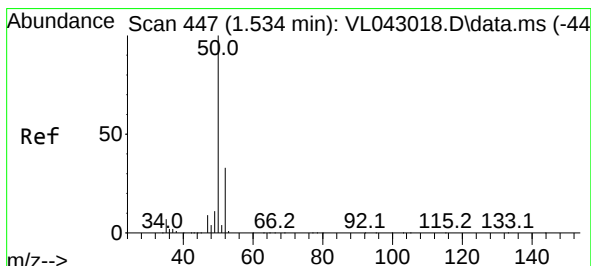
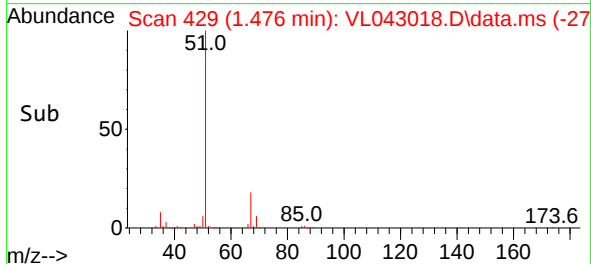
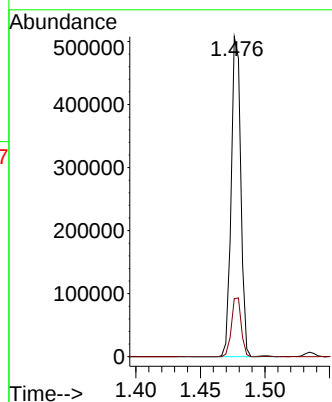
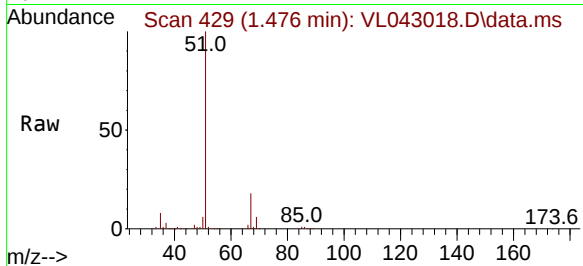




#3  
Chlorodifluoromethane  
Concen: 9.329 ppbv  
RT: 1.476 min Scan# 429  
Delta R.T. 0.000 min  
Lab File: VL043018.D  
Acq: 30 Sep 2025 09:04

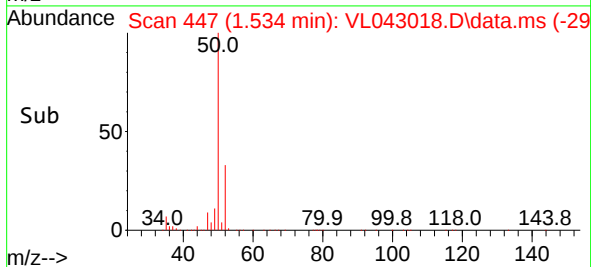
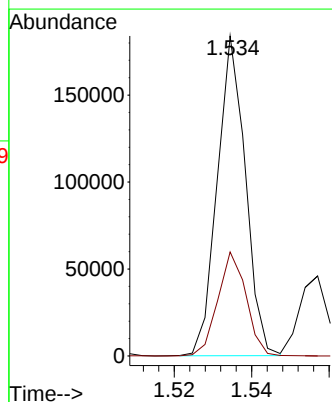
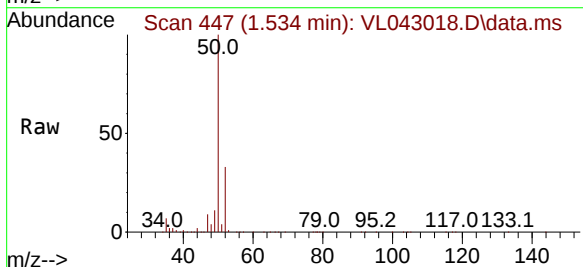
Instrument :  
MSVOA\_L  
ClientSampleId :

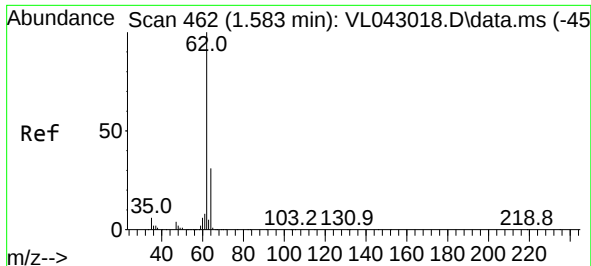
Tgt Ion: 51 Resp: 262204  
Ion Ratio Lower Upper  
51 100  
67 18.9 15.1 22.7



#4  
Chloromethane  
Concen: 9.263 ppbv  
RT: 1.534 min Scan# 447  
Delta R.T. 0.000 min  
Lab File: VL043018.D  
Acq: 30 Sep 2025 09:04

Tgt Ion: 50 Resp: 92804  
Ion Ratio Lower Upper  
50 100  
52 32.5 26.0 39.0

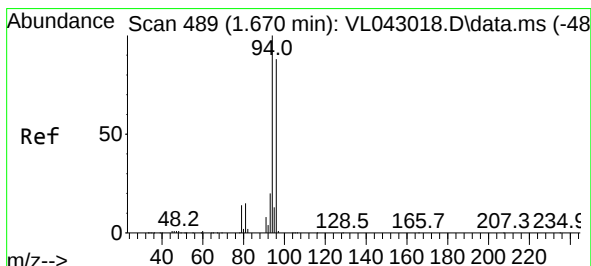
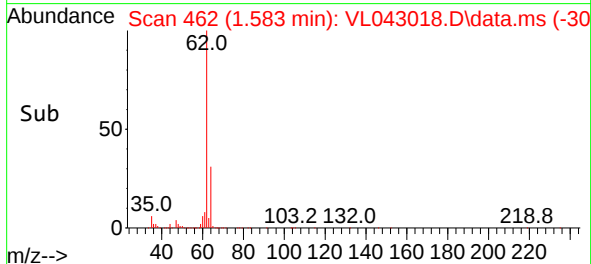
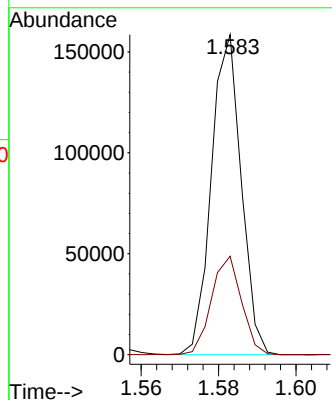
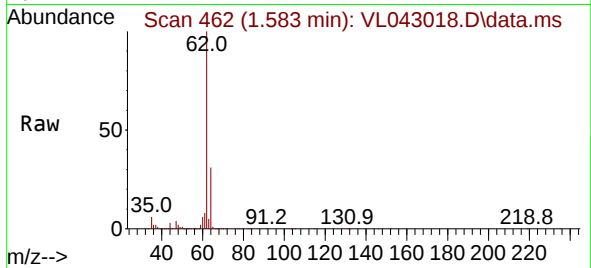




#5  
 Vinyl Chloride  
 Concen: 8.723 ppbv  
 RT: 1.583 min Scan# 462  
 Delta R.T. 0.000 min  
 Lab File: VL043018.D  
 Acq: 30 Sep 2025 09:04

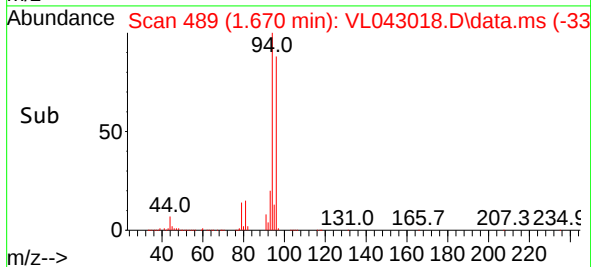
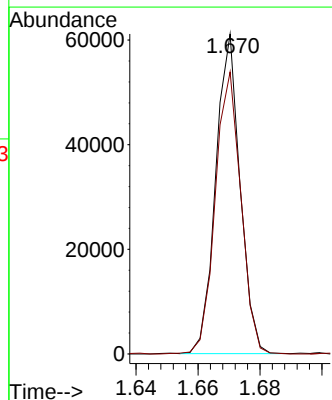
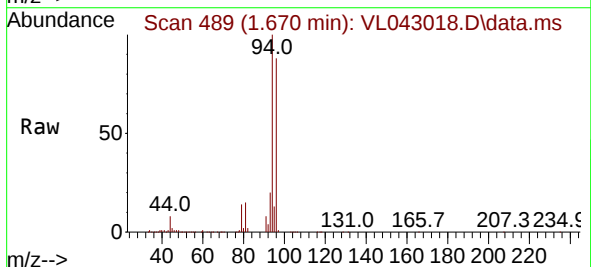
Instrument :  
 MSVOA\_L  
 ClientSampleId :

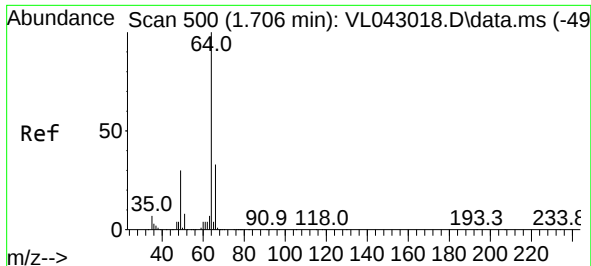
Tgt Ion: 62 Resp: 84772  
 Ion Ratio Lower Upper  
 62 100  
 64 30.8 24.6 37.0



#6  
 Bromomethane  
 Concen: 9.479 ppbv  
 RT: 1.670 min Scan# 489  
 Delta R.T. 0.000 min  
 Lab File: VL043018.D  
 Acq: 30 Sep 2025 09:04

Tgt Ion: 94 Resp: 33291  
 Ion Ratio Lower Upper  
 94 100  
 96 88.1 70.5 105.7

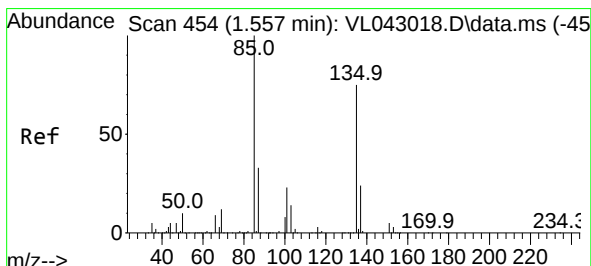
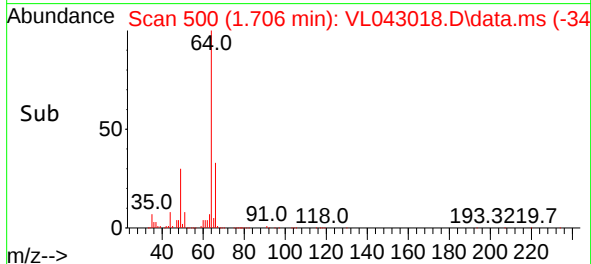
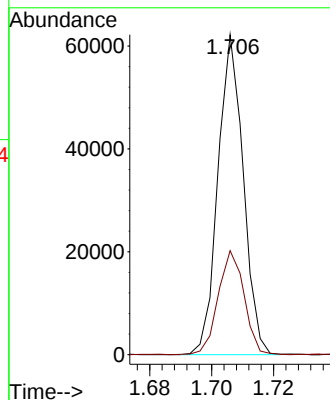
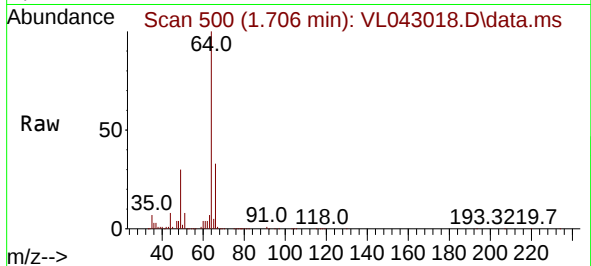




#7  
Chloroethane  
Concen: 9.099 ppbv  
RT: 1.706 min Scan# 500  
Delta R.T. 0.000 min  
Lab File: VL043018.D  
Acq: 30 Sep 2025 09:04

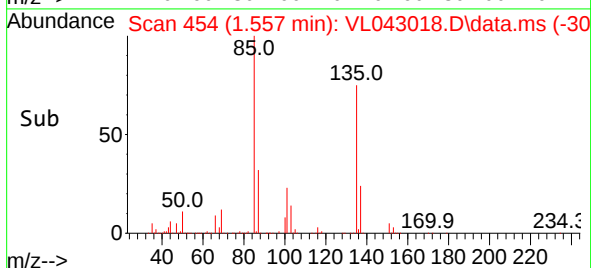
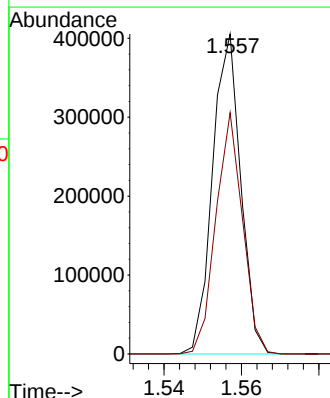
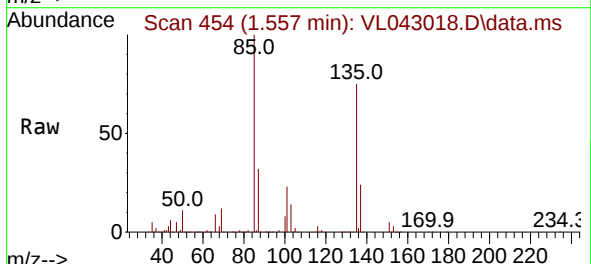
Instrument :  
MSVOA\_L  
ClientSampleId :

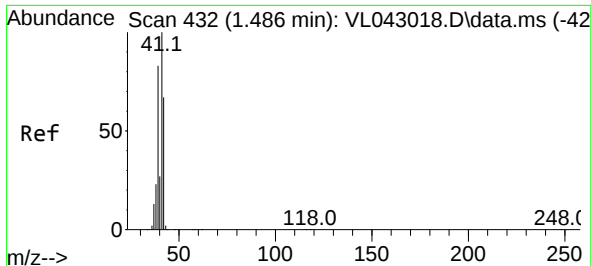
Tgt Ion: 64 Resp: 35300  
Ion Ratio Lower Upper  
64 100  
66 32.5 26.0 39.0



#8  
Dichlorotetrafluoroethane  
Concen: 9.513 ppbv  
RT: 1.557 min Scan# 454  
Delta R.T. 0.000 min  
Lab File: VL043018.D  
Acq: 30 Sep 2025 09:04

Tgt Ion: 85 Resp: 204699  
Ion Ratio Lower Upper  
85 100  
135 71.7 57.4 86.0





#9

Propene

Concen: 9.619 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL043018.D

Acq: 30 Sep 2025 09:04

Instrument :

MSVOA\_L

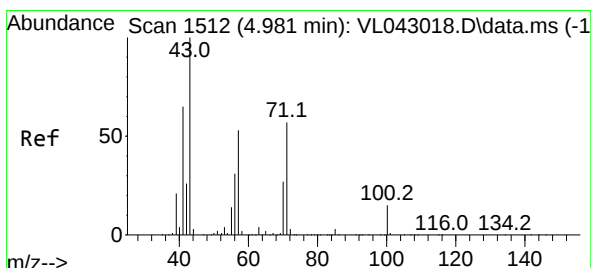
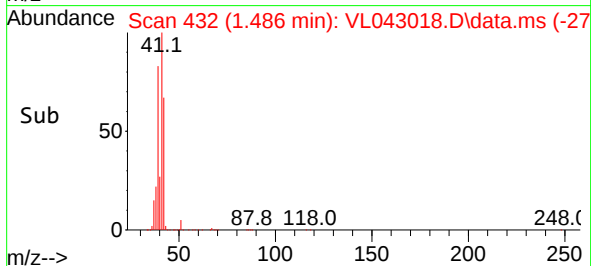
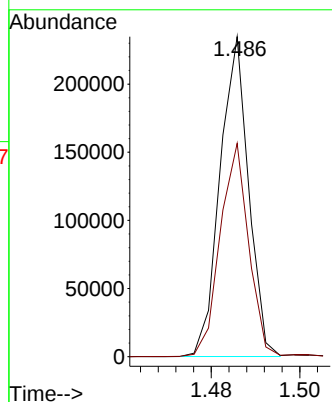
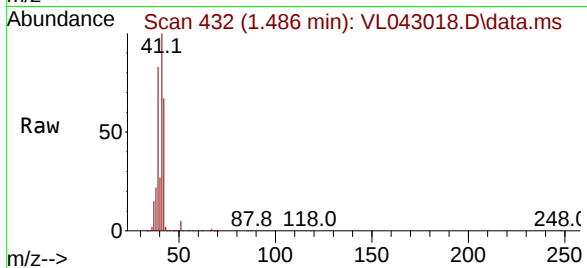
ClientSampleId :

Tgt Ion: 41 Resp: 105165

Ion Ratio Lower Upper

41 100

42 67.7 54.2 81.2



#10

Heptane

Concen: 10.213 ppbv

RT: 4.981 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VL043018.D

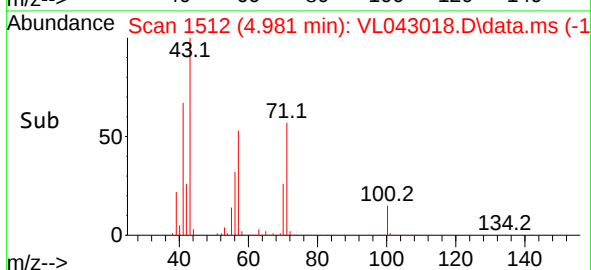
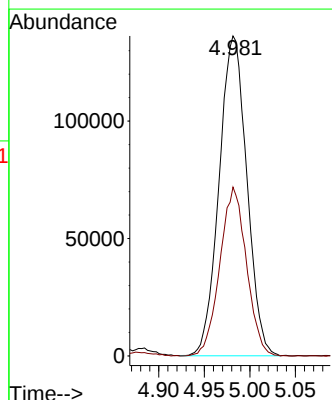
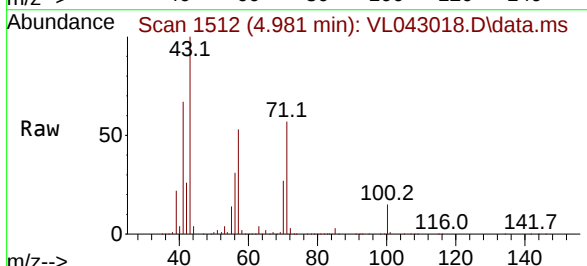
Acq: 30 Sep 2025 09:04

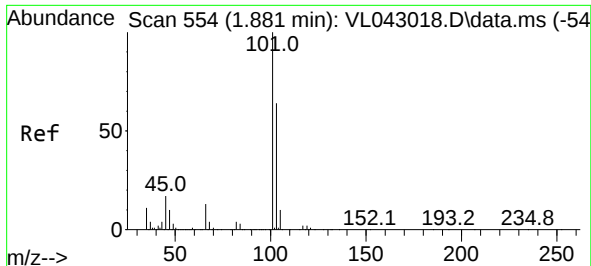
Tgt Ion: 43 Resp: 287980

Ion Ratio Lower Upper

43 100

57 50.6 40.5 60.7

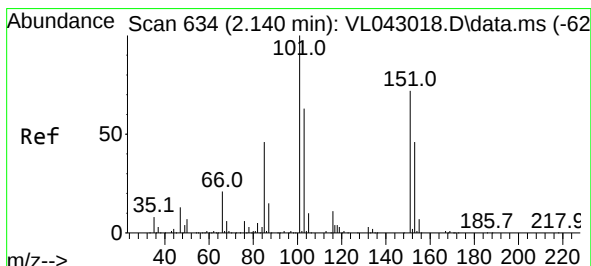
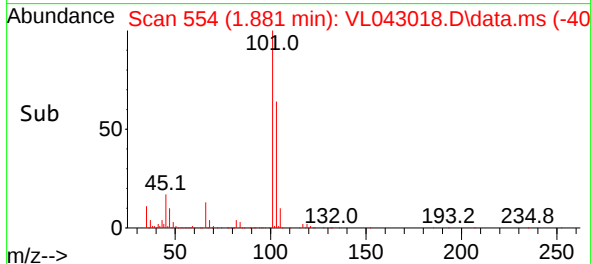
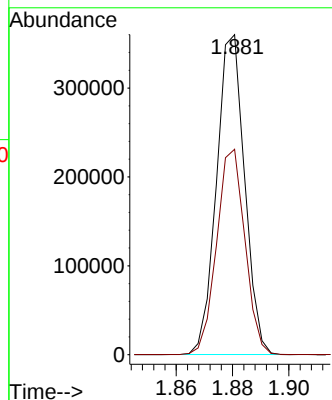
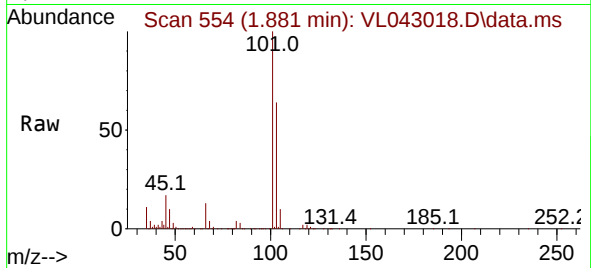




#11  
 Trichlorofluoromethane  
 Concen: 9.379 ppbv  
 RT: 1.881 min Scan# 511  
 Delta R.T. 0.000 min  
 Lab File: VL043018.D  
 Acq: 30 Sep 2025 09:04

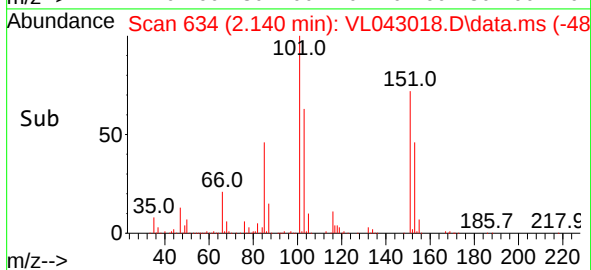
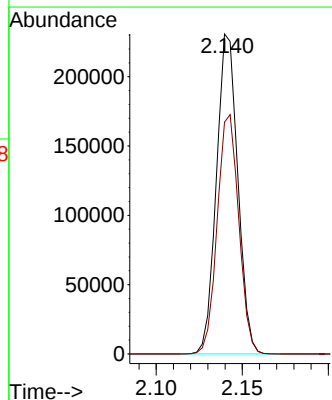
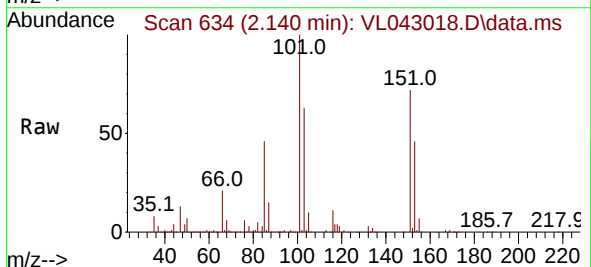
Instrument :  
 MSVOA\_L  
 ClientSampleId :

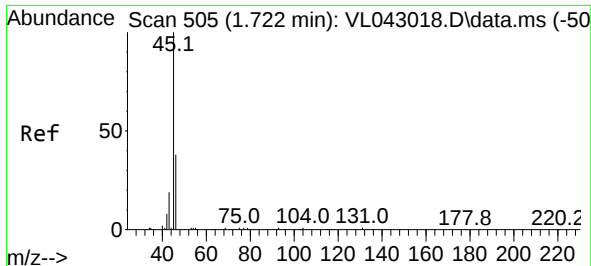
Tgt Ion:101 Resp: 249489  
 Ion Ratio Lower Upper  
 101 100  
 103 64.2 51.4 77.0



#12  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 9.462 ppbv  
 RT: 2.140 min Scan# 634  
 Delta R.T. 0.000 min  
 Lab File: VL043018.D  
 Acq: 30 Sep 2025 09:04

Tgt Ion:101 Resp: 199476  
 Ion Ratio Lower Upper  
 101 100  
 151 75.3 60.2 90.4

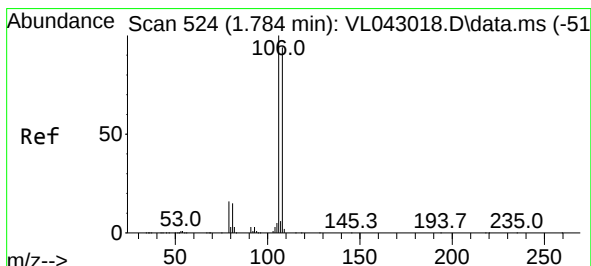
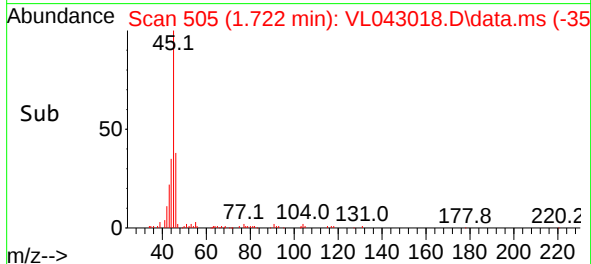
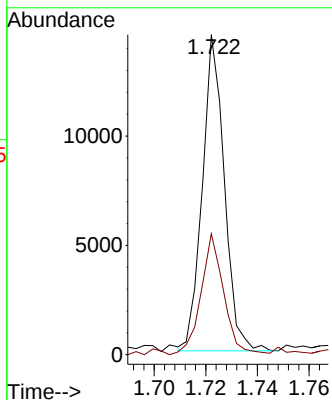
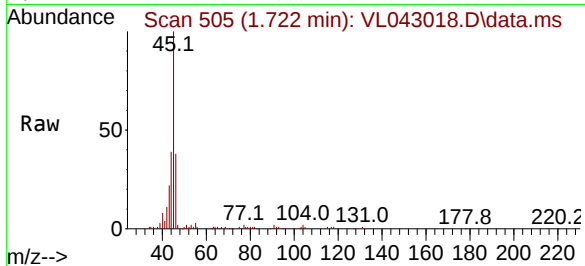




#13  
Ethanol  
Concen: 9.734 ppbv  
RT: 1.722 min Scan# 505  
Delta R.T. 0.000 min  
Lab File: VL043018.D  
Acq: 30 Sep 2025 09:04

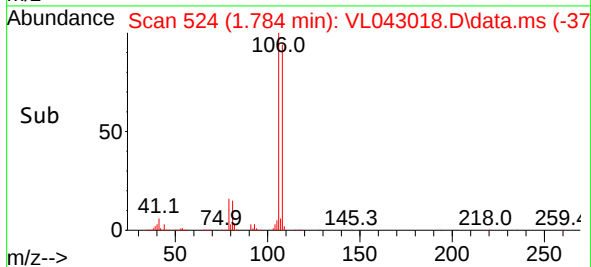
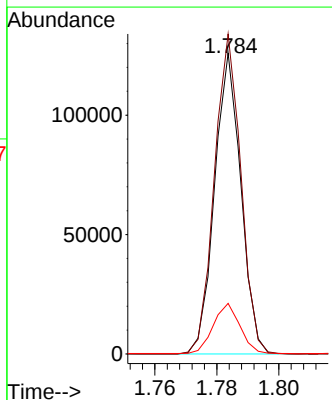
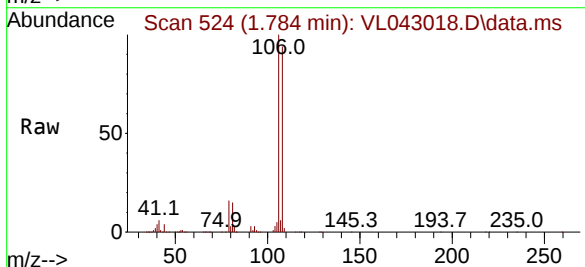
Instrument :  
MSVOA\_L  
ClientSampleId :

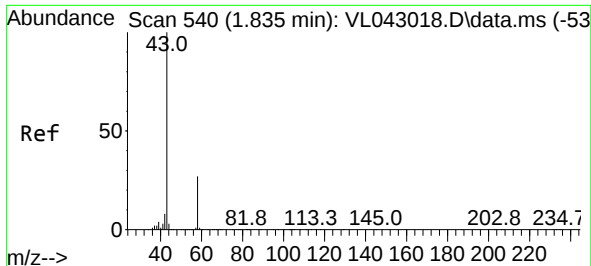
Tgt Ion: 45 Resp: 8581  
Ion Ratio Lower Upper  
45 100  
46 44.3 16.2 64.8



#14  
Bromoethene  
Concen: 9.462 ppbv  
RT: 1.784 min Scan# 524  
Delta R.T. 0.000 min  
Lab File: VL043018.D  
Acq: 30 Sep 2025 09:04

Tgt Ion: 108 Resp: 74341  
Ion Ratio Lower Upper  
108 100  
106 106.7 85.4 128.0  
79 17.3 13.8 20.8

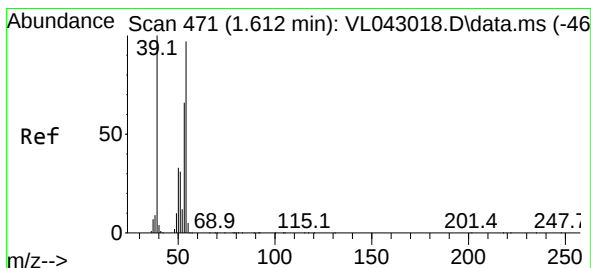
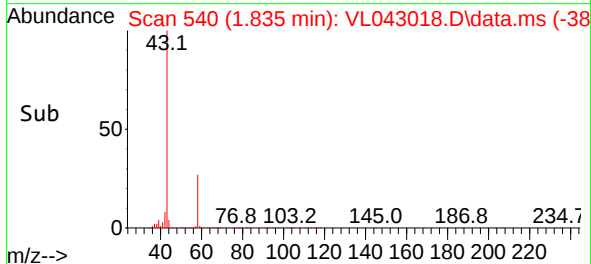
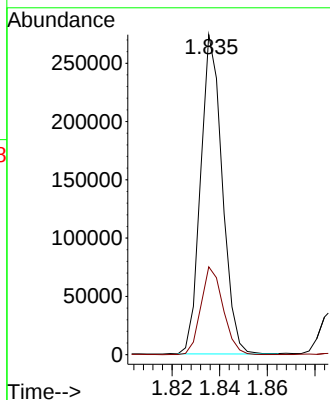
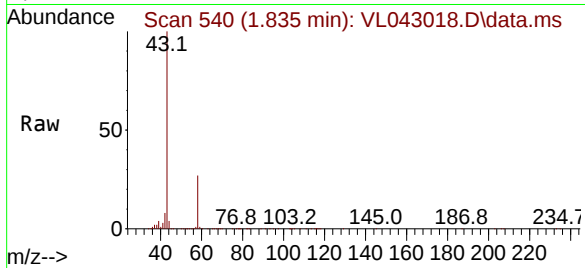




#15  
Acetone  
Concen: 7.958 ppbv  
RT: 1.835 min Scan# 540  
Delta R.T. 0.000 min  
Lab File: VL043018.D  
Acq: 30 Sep 2025 09:04

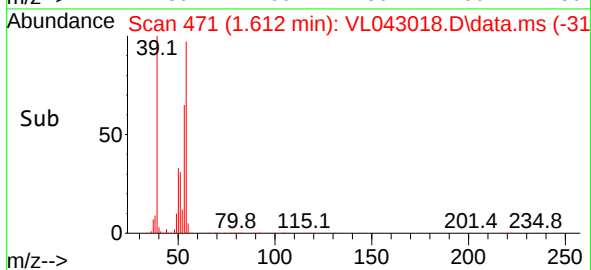
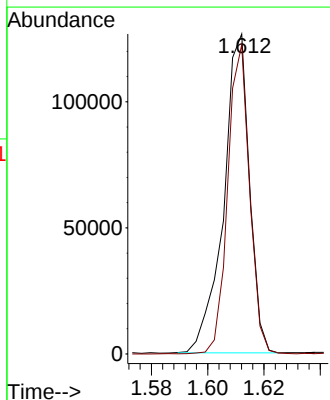
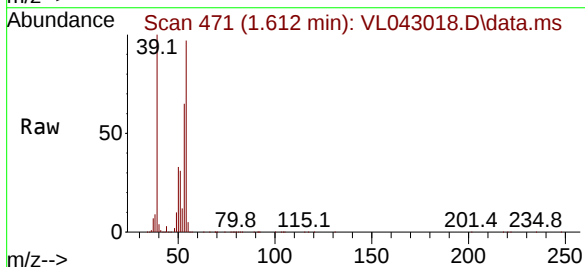
Instrument :  
MSVOA\_L  
ClientSampleId :

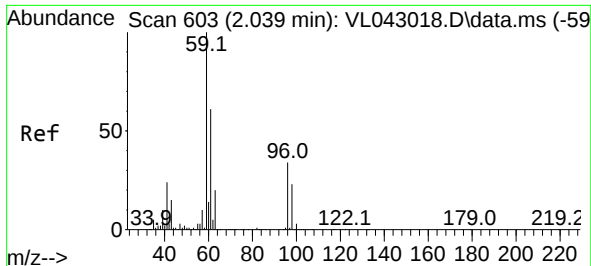
Tgt Ion: 43 Resp: 173073  
Ion Ratio Lower Upper  
43 100  
58 28.5 22.8 34.2



#16  
1,3-Butadiene  
Concen: 8.787 ppbv  
RT: 1.612 min Scan# 471  
Delta R.T. 0.000 min  
Lab File: VL043018.D  
Acq: 30 Sep 2025 09:04

Tgt Ion: 39 Resp: 80901  
Ion Ratio Lower Upper  
39 100  
54 81.8 65.4 98.2





#17

tert-Butyl alcohol

Concen: 9.324 ppbv

RT: 2.039 min Scan# 603

Delta R.T. 0.000 min

Lab File: VL043018.D

Acq: 30 Sep 2025 09:04

Instrument :

MSVOA\_L

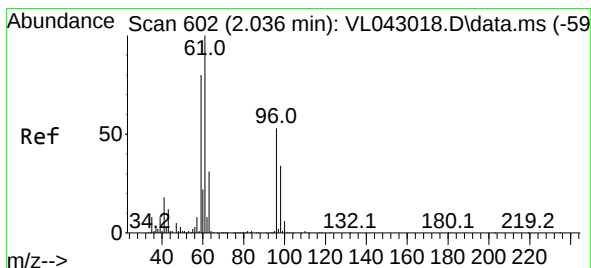
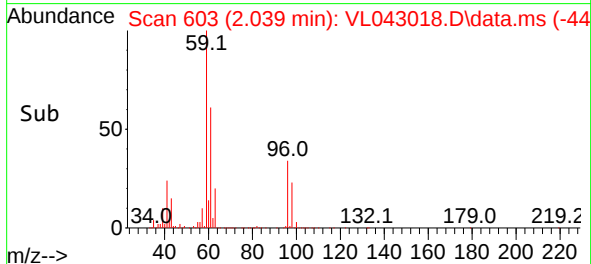
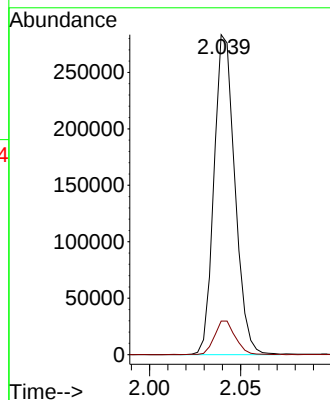
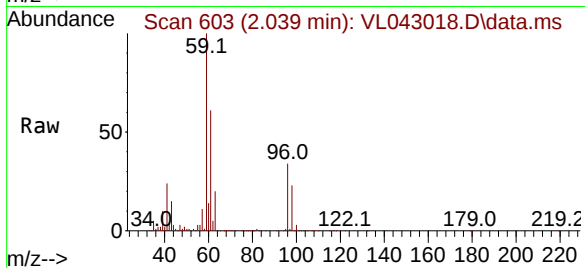
ClientSampleId :

Tgt Ion: 59 Resp: 226585

Ion Ratio Lower Upper

59 100

57 10.5 8.4 12.6



#18

1,1-Dichloroethene

Concen: 9.338 ppbv

RT: 2.036 min Scan# 602

Delta R.T. 0.000 min

Lab File: VL043018.D

Acq: 30 Sep 2025 09:04

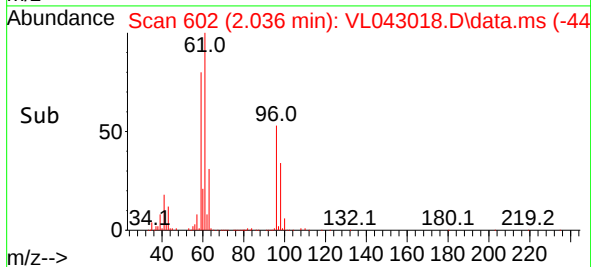
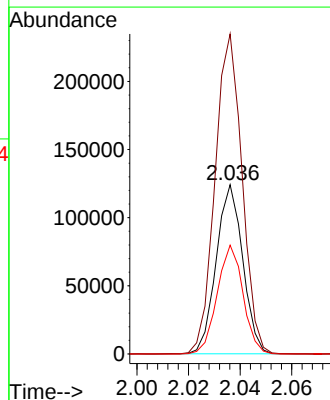
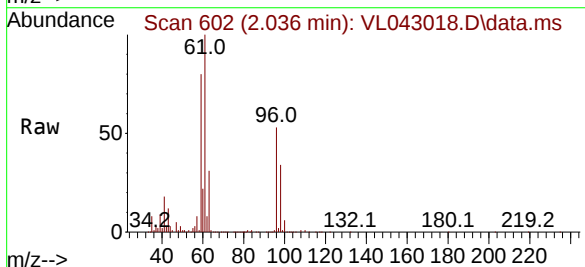
Tgt Ion: 96 Resp: 88534

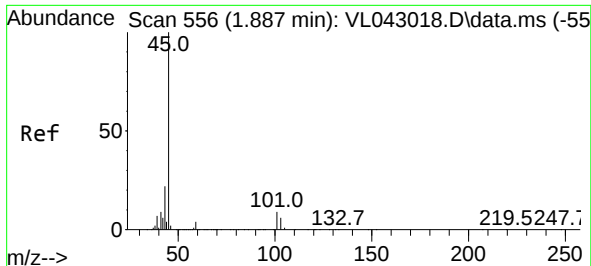
Ion Ratio Lower Upper

96 100

61 189.2 151.4 227.0

98 64.4 51.5 77.3





#19

Isopropyl Alcohol

Concen: 9.081 ppbv

RT: 1.887 min Scan# 556

Delta R.T. 0.000 min

Lab File: VL043018.D

Acq: 30 Sep 2025 09:04

Instrument :

MSVOA\_L

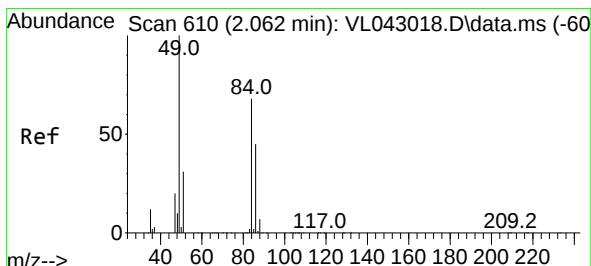
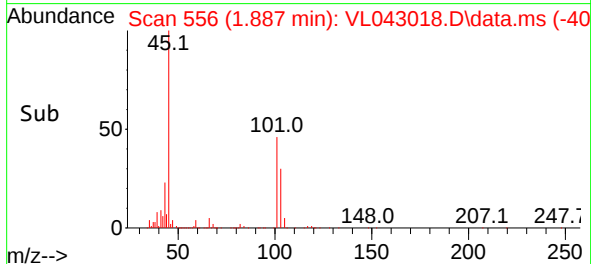
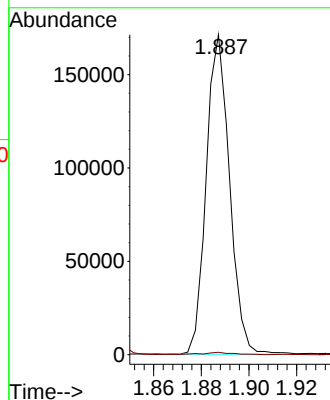
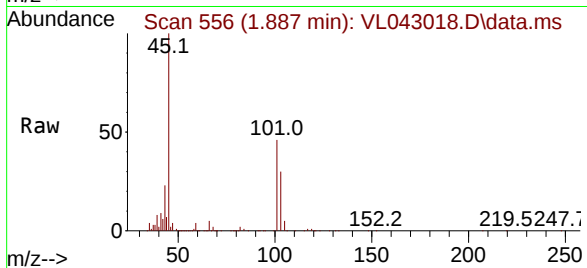
ClientSampleId :

Tgt Ion: 45 Resp: 116152

Ion Ratio Lower Upper

45 100

58 42.4 33.9 50.9



#20

Methylene Chloride

Concen: 9.205 ppbv

RT: 2.062 min Scan# 610

Delta R.T. 0.000 min

Lab File: VL043018.D

Acq: 30 Sep 2025 09:04

Tgt Ion: 84 Resp: 79529

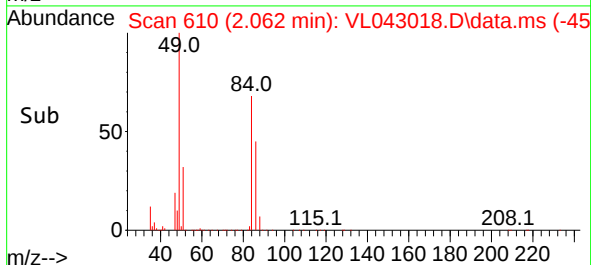
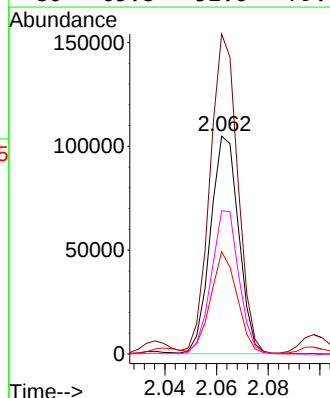
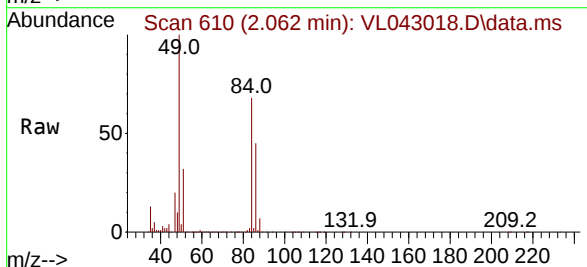
Ion Ratio Lower Upper

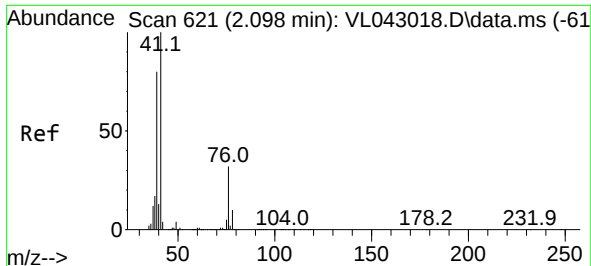
84 100

49 146.8 117.4 176.2

51 46.7 37.4 56.0

86 65.8 52.6 79.0

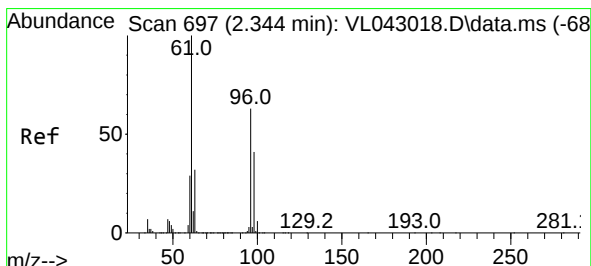
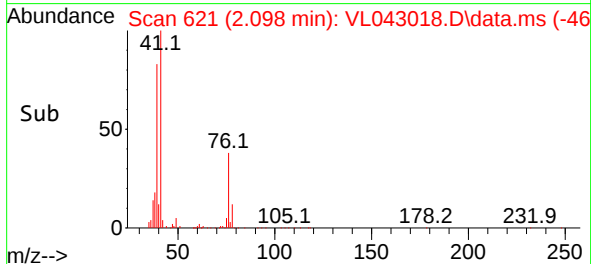
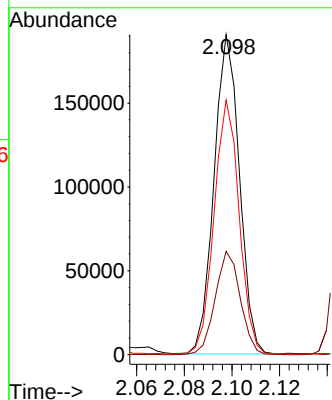
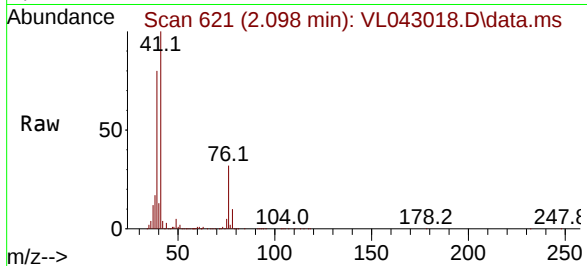




#21  
 Allyl Chloride  
 Concen: 9.568 ppbv  
 RT: 2.098 min Scan# 61  
 Delta R.T. 0.000 min  
 Lab File: VL043018.D  
 Acq: 30 Sep 2025 09:04

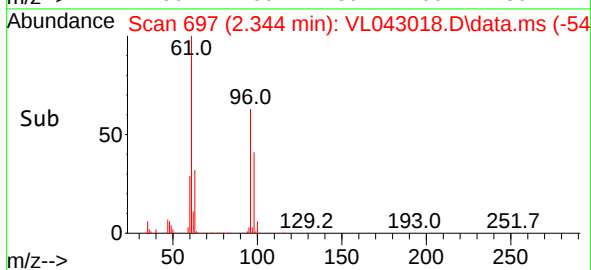
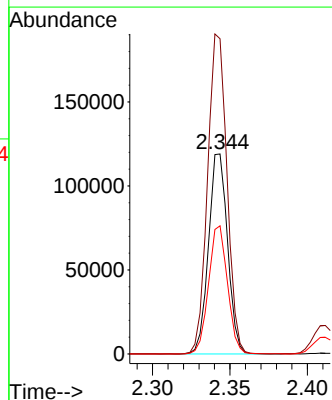
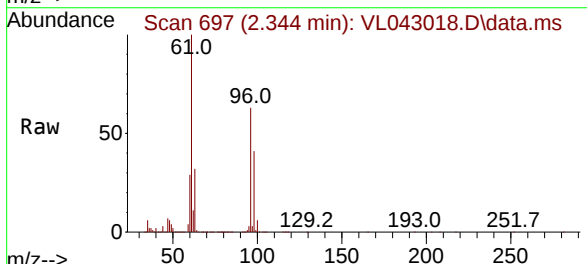
Instrument :  
 MSVOA\_L  
 ClientSampleId :

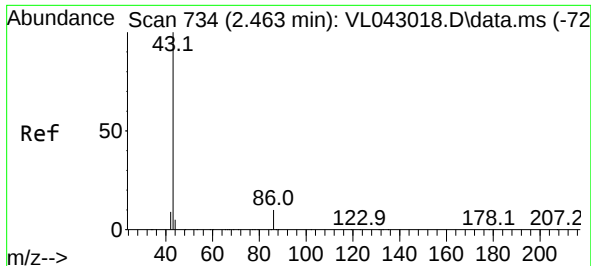
Tgt Ion: 41 Resp: 140789  
 Ion Ratio Lower Upper  
 41 100  
 76 32.0 25.6 38.4  
 39 78.3 62.6 94.0



#22  
 trans-1,2-Dichloroethene  
 Concen: 9.493 ppbv  
 RT: 2.344 min Scan# 697  
 Delta R.T. 0.000 min  
 Lab File: VL043018.D  
 Acq: 30 Sep 2025 09:04

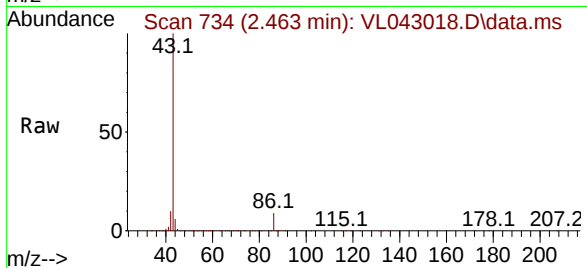
Tgt Ion: 96 Resp: 101892  
 Ion Ratio Lower Upper  
 96 100  
 61 157.6 126.1 189.1  
 98 64.1 51.3 76.9





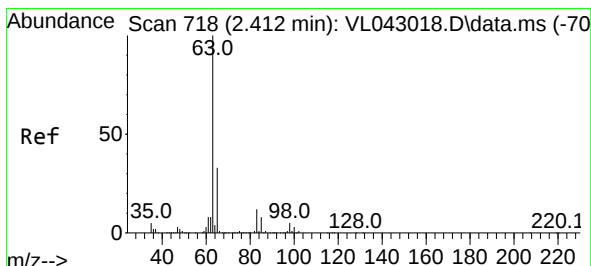
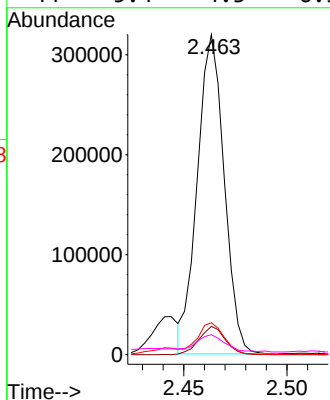
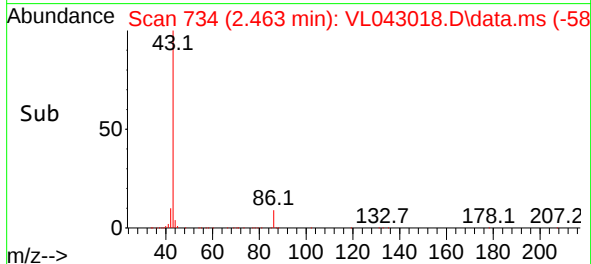
#23  
 Vinyl Acetate  
 Concen: 9.613 ppbv  
 RT: 2.463 min Scan# 718  
 Delta R.T. 0.000 min  
 Lab File: VL043018.D  
 Acq: 30 Sep 2025 09:04

Instrument :  
 MSVOA\_1  
 ClientSampleId :

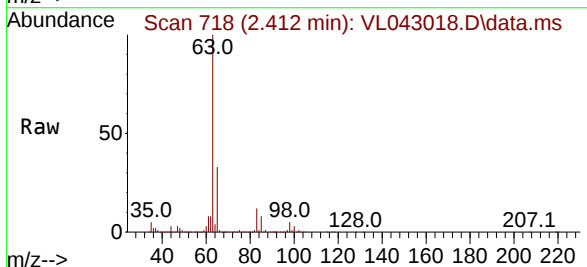


Tgt Ion: 43 Resp: 288833

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 86  | 8.9   | 7.1   | 10.7  |
| 42  | 9.9   | 7.9   | 11.9  |
| 44  | 5.4   | 4.3   | 6.5   |

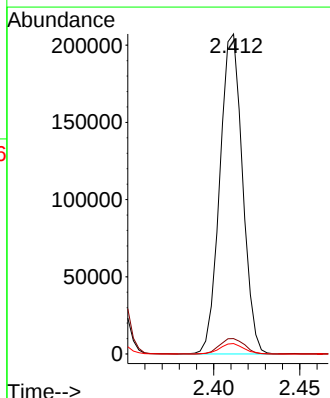
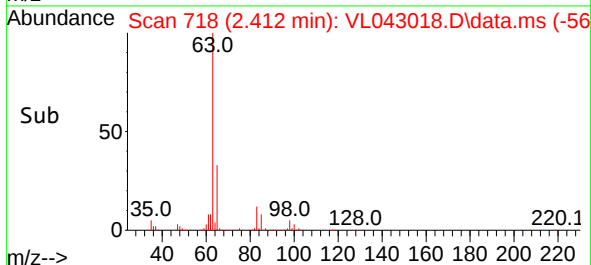


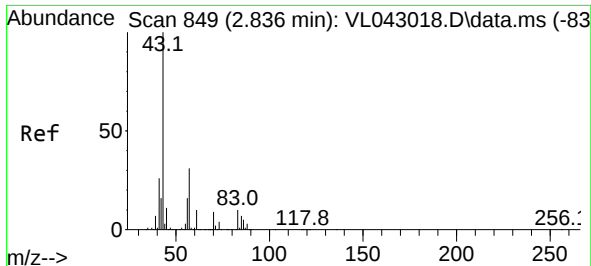
#24  
 1,1-Dichloroethane  
 Concen: 9.423 ppbv  
 RT: 2.412 min Scan# 718  
 Delta R.T. 0.000 min  
 Lab File: VL043018.D  
 Acq: 30 Sep 2025 09:04



Tgt Ion: 63 Resp: 190347

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 98  | 4.8   | 2.4   | 7.2   |
| 100 | 3.2   | 1.6   | 4.8   |

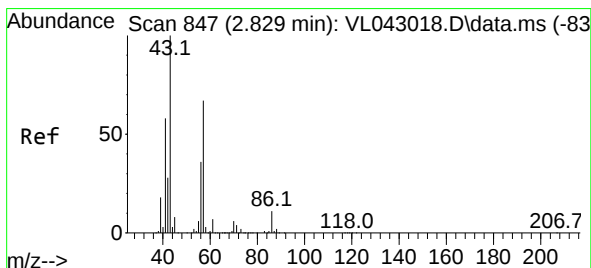
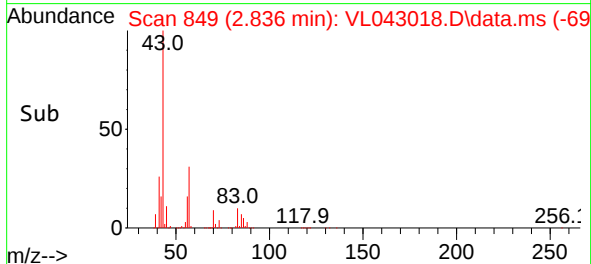
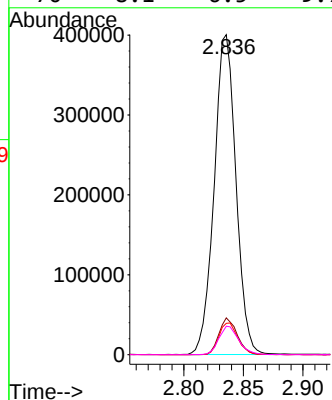
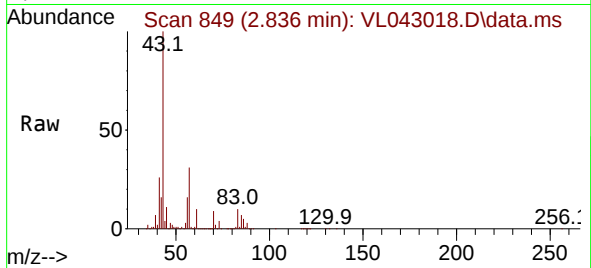




#25  
Ethyl Acetate  
Concen: 9.174 ppbv  
RT: 2.836 min Scan# 849  
Delta R.T. 0.000 min  
Lab File: VL043018.D  
Acq: 30 Sep 2025 09:04

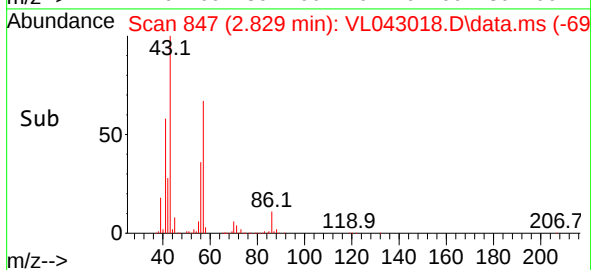
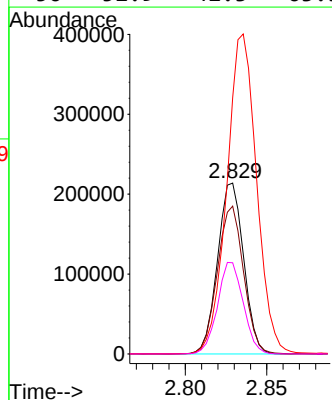
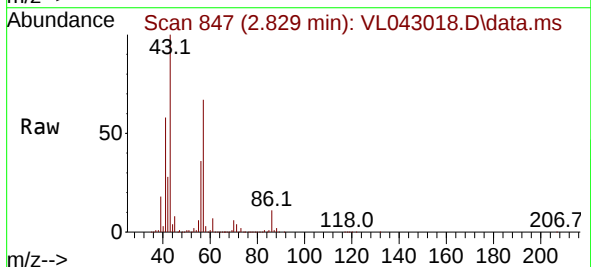
Instrument :  
MSVOA\_L  
ClientSampleId :

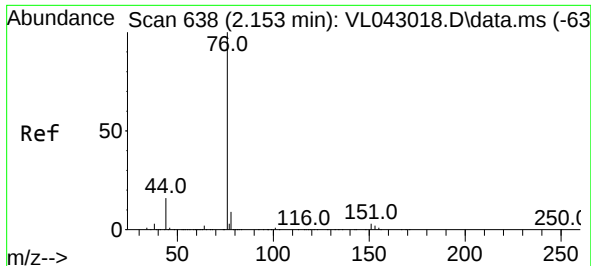
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 508936 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 45       | 9.7   | 7.8   | 11.6   |
| 61       | 8.7   | 7.0   | 10.4   |
| 70       | 8.1   | 6.5   | 9.7    |



#26  
Hexane  
Concen: 8.234 ppbv  
RT: 2.829 min Scan# 847  
Delta R.T. 0.000 min  
Lab File: VL043018.D  
Acq: 30 Sep 2025 09:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 57    | Resp: | 237594 |
| Ion      | Ratio | Lower | Upper  |
| 57       | 100   |       |        |
| 41       | 87.9  | 70.3  | 105.5  |
| 43       | 215.1 | 172.1 | 258.1  |
| 56       | 52.9  | 42.3  | 63.5   |

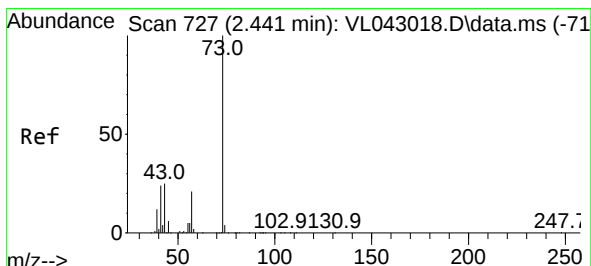
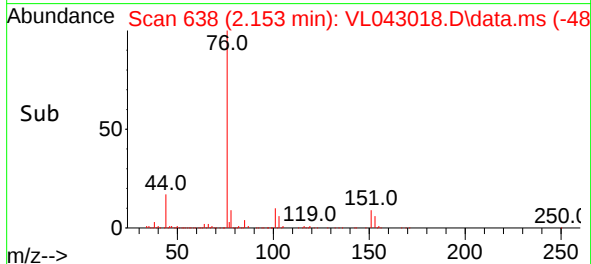
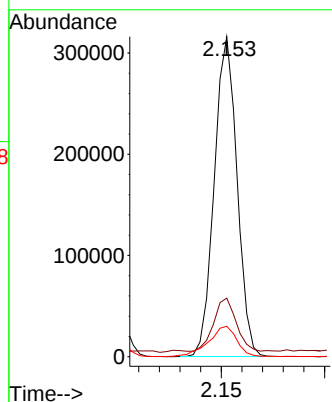
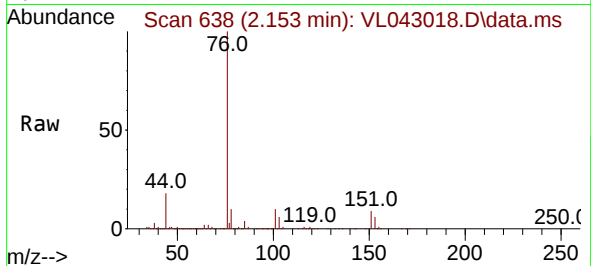




#27  
Carbon Disulfide  
Concen: 9.522 ppbv  
RT: 2.153 min Scan# 638  
Delta R.T. 0.000 min  
Lab File: VL043018.D  
Acq: 30 Sep 2025 09:04

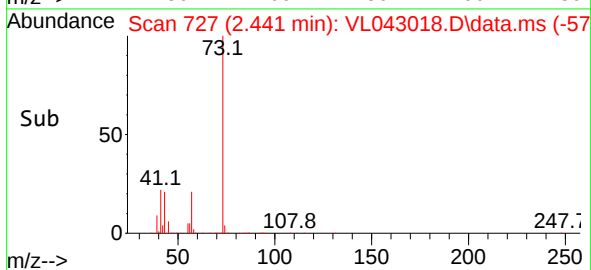
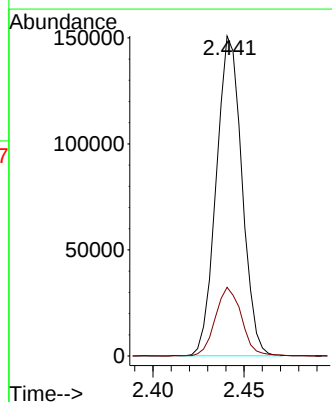
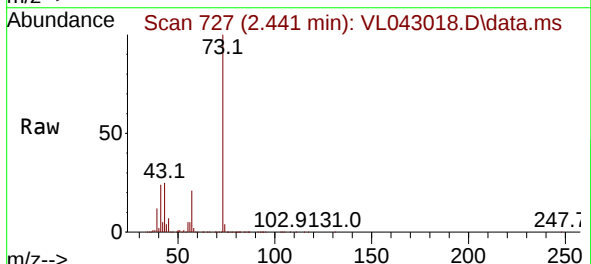
Instrument :  
MSVOA\_L  
ClientSampleId :

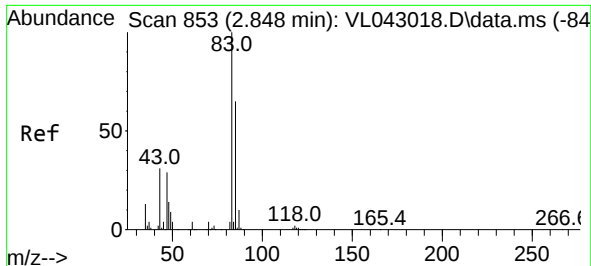
Tgt Ion: 76 Resp: 241656  
Ion Ratio Lower Upper  
76 100  
44 18.2 14.6 21.8  
78 11.8 9.4 14.2



#28  
Methyl tert-Butyl Ether  
Concen: 10.450 ppbv  
RT: 2.441 min Scan# 727  
Delta R.T. 0.000 min  
Lab File: VL043018.D  
Acq: 30 Sep 2025 09:04

Tgt Ion: 73 Resp: 147599  
Ion Ratio Lower Upper  
73 100  
57 22.1 17.7 26.5





#29

Chloroform

Concen: 9.489 ppbv

RT: 2.848 min Scan# 853

Delta R.T. 0.000 min

Lab File: VL043018.D

Acq: 30 Sep 2025 09:04

Instrument :

MSVOA\_L

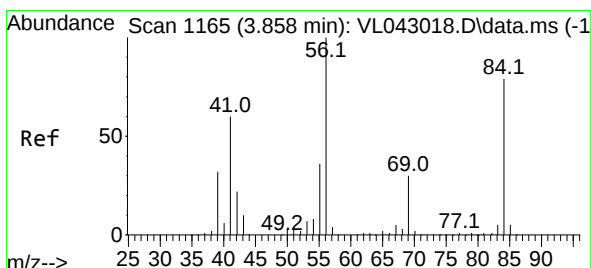
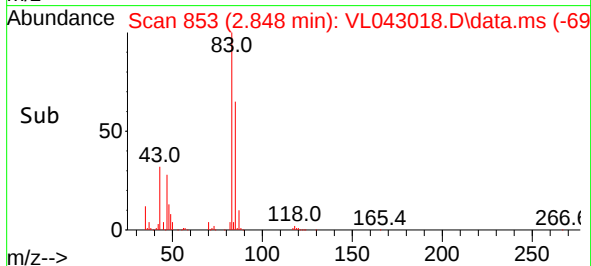
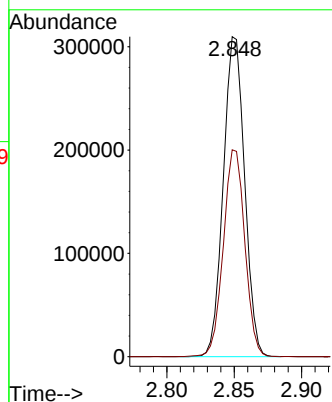
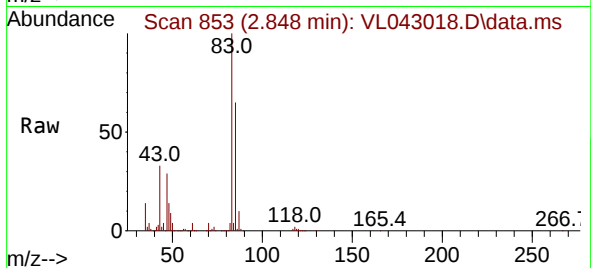
ClientSampleId :

Tgt Ion: 83 Resp: 340691

Ion Ratio Lower Upper

83 100

85 64.6 51.7 77.5



#30

Cyclohexane

Concen: 10.067 ppbv

RT: 3.858 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VL043018.D

Acq: 30 Sep 2025 09:04

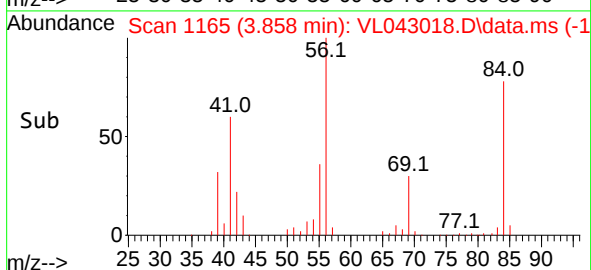
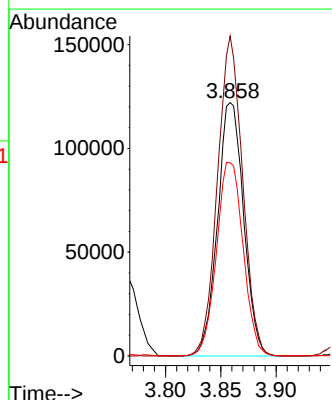
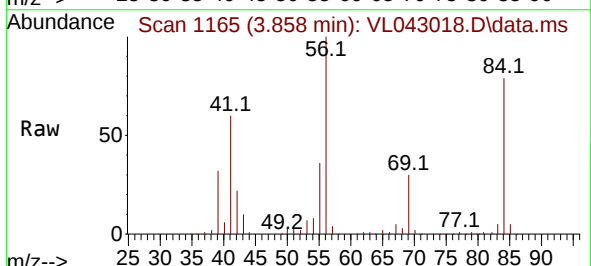
Tgt Ion: 84 Resp: 200066

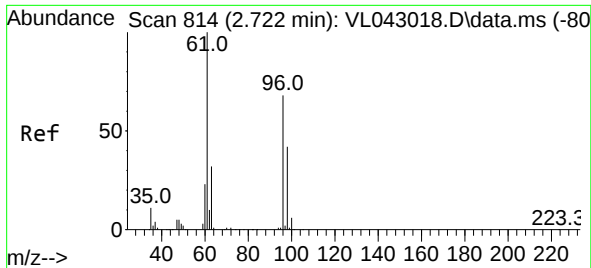
Ion Ratio Lower Upper

84 100

56 121.6 97.3 145.9

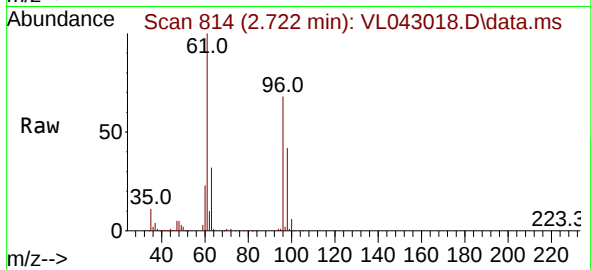
41 78.2 62.6 93.8



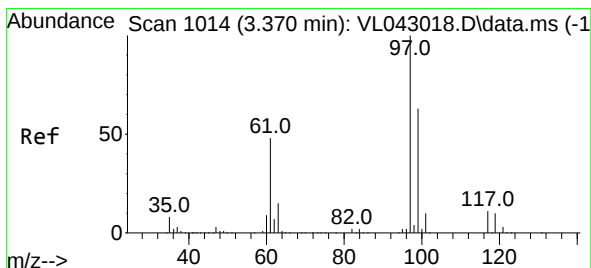
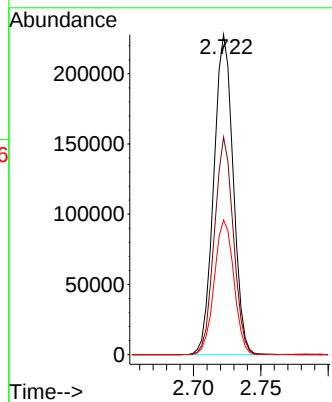
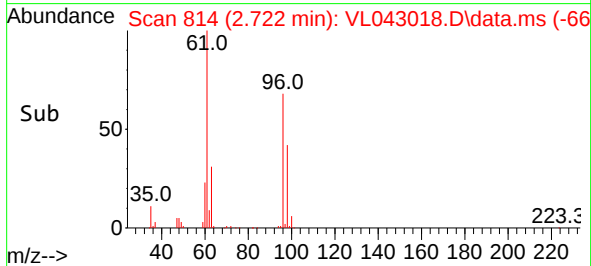


#31  
 cis-1,2-Dichloroethene  
 Concen: 9.751 ppbv  
 RT: 2.722 min Scan# 814  
 Delta R.T. 0.000 min  
 Lab File: VL043018.D  
 Acq: 30 Sep 2025 09:04

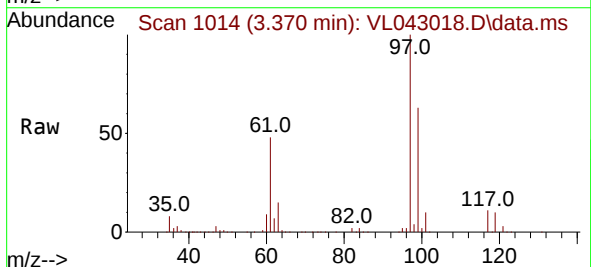
Instrument :  
 MSVOA\_L  
 ClientSampleId :



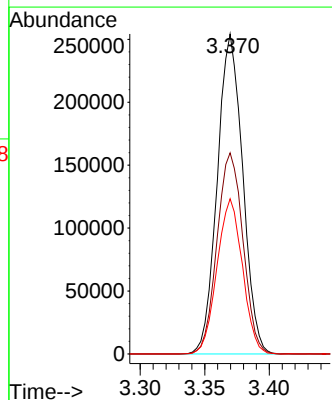
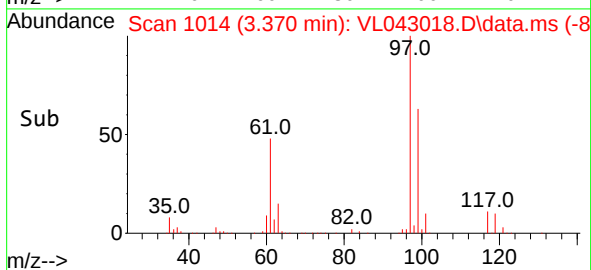
Tgt Ion: 61 Resp: 228440  
 Ion Ratio Lower Upper  
 61 100  
 96 68.0 54.4 81.6  
 98 42.1 33.7 50.5

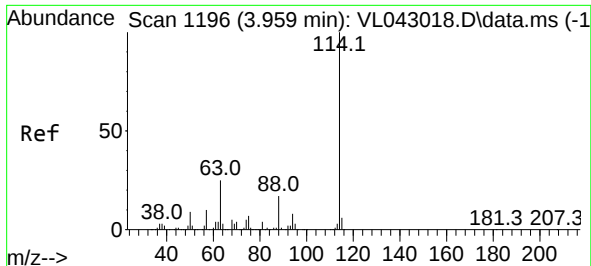


#32  
 1,1,1-Trichloroethane  
 Concen: 9.568 ppbv  
 RT: 3.370 min Scan# 1014  
 Delta R.T. 0.000 min  
 Lab File: VL043018.D  
 Acq: 30 Sep 2025 09:04



Tgt Ion: 97 Resp: 347995  
 Ion Ratio Lower Upper  
 97 100  
 99 64.2 51.4 77.0  
 61 48.5 38.8 58.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.959 min Scan# 1196

Delta R.T. 0.000 min

Lab File: VL043018.D

Acq: 30 Sep 2025 09:04

Instrument :

MSVOA\_L

ClientSampleId :

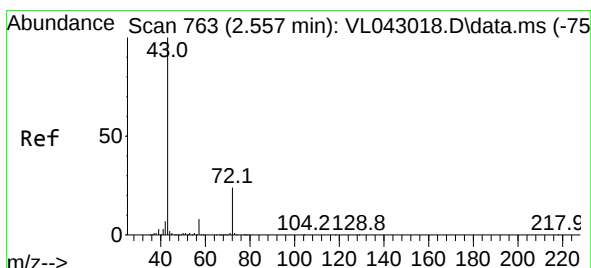
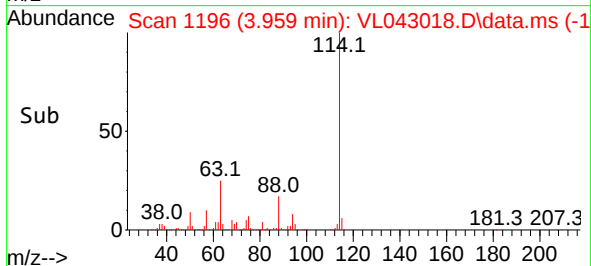
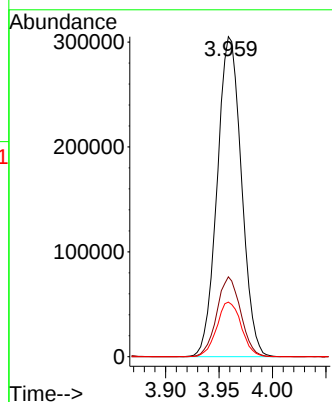
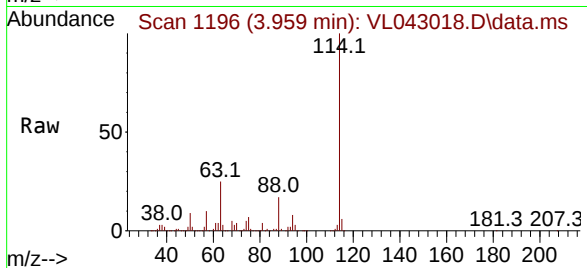
Tgt Ion:114 Resp: 481572

Ion Ratio Lower Upper

114 100

63 24.6 19.7 29.5

88 17.2 13.8 20.6



#34

2-Butanone

Concen: 9.541 ppbv

RT: 2.557 min Scan# 763

Delta R.T. 0.000 min

Lab File: VL043018.D

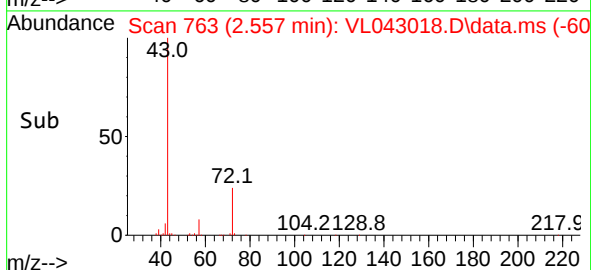
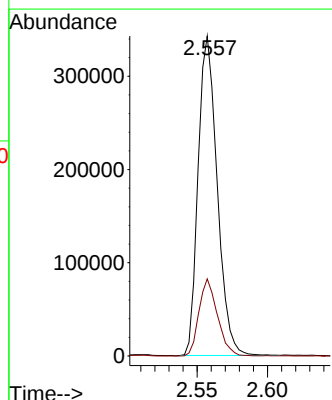
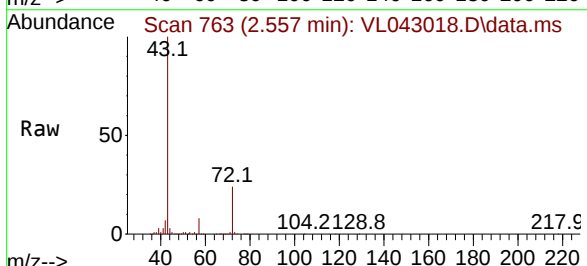
Acq: 30 Sep 2025 09:04

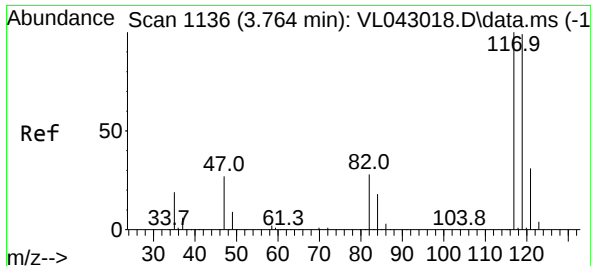
Tgt Ion: 43 Resp: 323504

Ion Ratio Lower Upper

43 100

72 23.4 18.7 28.1

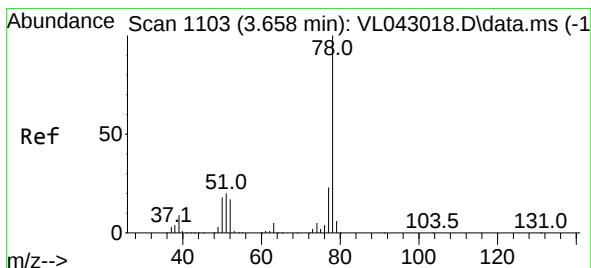
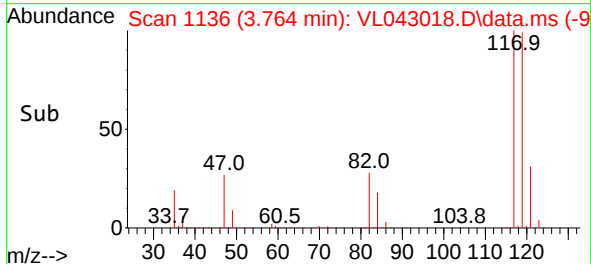
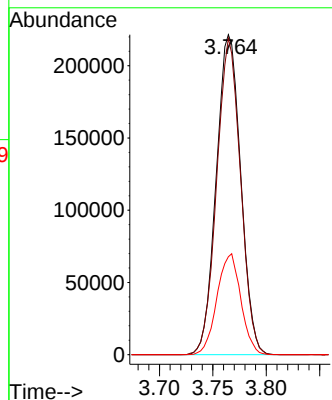
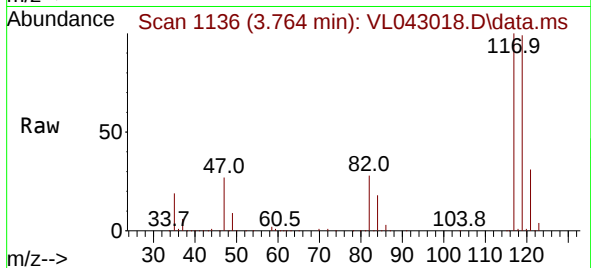




#35  
Carbon Tetrachloride  
Concen: 9.030 ppbv  
RT: 3.764 min Scan# 1136  
Delta R.T. 0.000 min  
Lab File: VL043018.D  
Acq: 30 Sep 2025 09:04

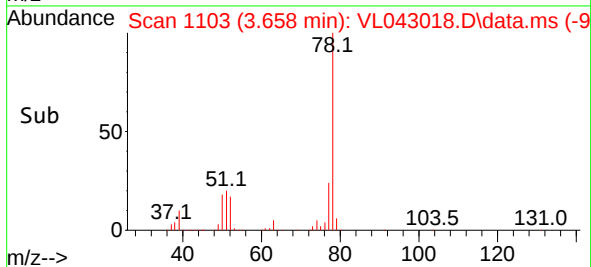
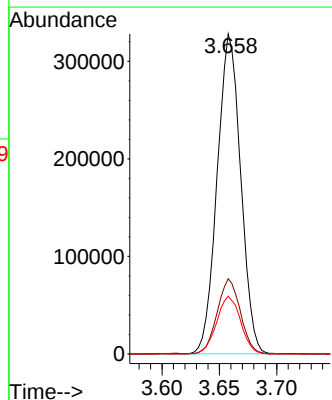
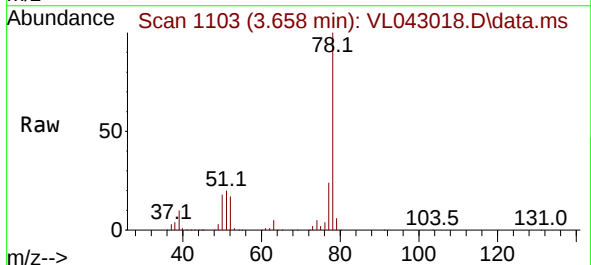
Instrument :  
MSVOA\_L  
ClientSampleId :

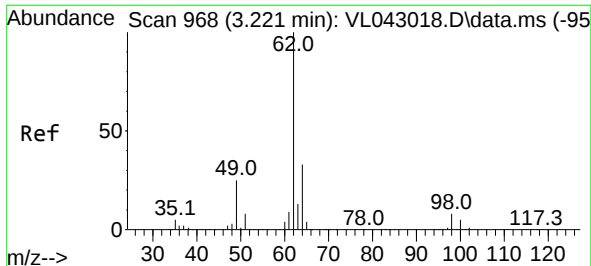
Tgt Ion:117 Resp: 352910  
Ion Ratio Lower Upper  
117 100  
119 98.9 79.1 118.7  
121 30.6 24.5 36.7



#36  
Benzene  
Concen: 9.690 ppbv  
RT: 3.658 min Scan# 1103  
Delta R.T. 0.000 min  
Lab File: VL043018.D  
Acq: 30 Sep 2025 09:04

Tgt Ion: 78 Resp: 467720  
Ion Ratio Lower Upper  
78 100  
77 23.5 18.8 28.2  
50 18.1 14.5 21.7

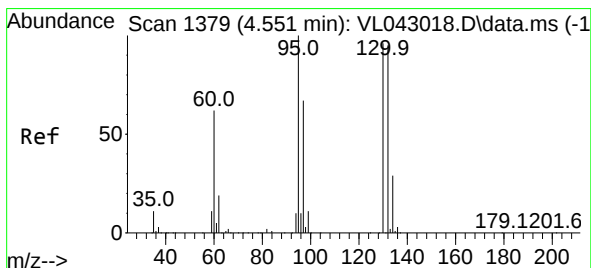
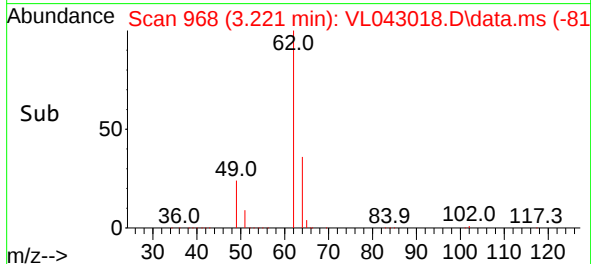
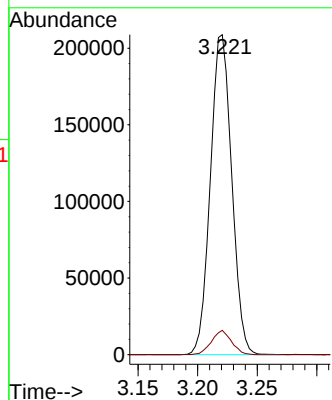
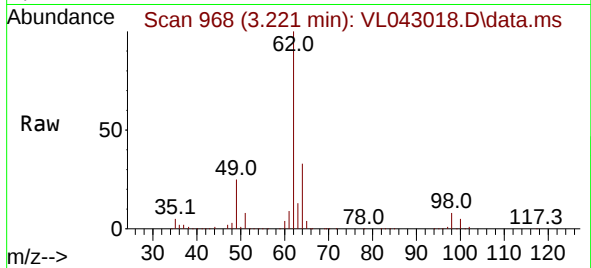




#37  
1,2-Dichloroethane  
Concen: 9.429 ppbv  
RT: 3.221 min Scan# 968  
Delta R.T. 0.000 min  
Lab File: VL043018.D  
Acq: 30 Sep 2025 09:04

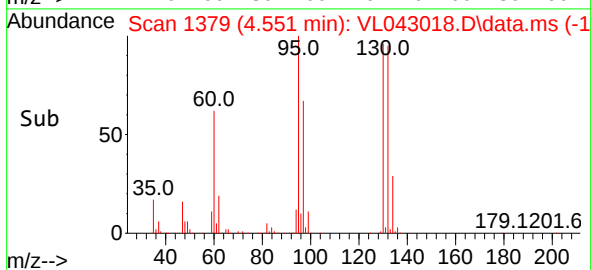
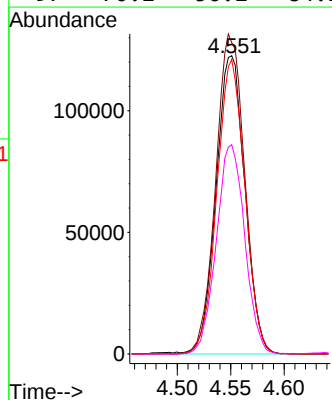
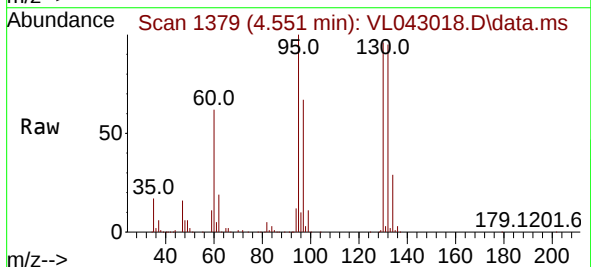
Instrument :  
MSVOA\_L  
ClientSampleId :

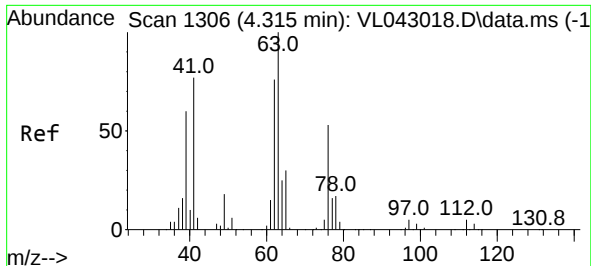
Tgt Ion: 62 Resp: 260052  
Ion Ratio Lower Upper  
62 100  
98 7.1 5.7 8.5



#38  
Trichloroethene  
Concen: 9.304 ppbv  
RT: 4.551 min Scan# 1379  
Delta R.T. 0.000 min  
Lab File: VL043018.D  
Acq: 30 Sep 2025 09:04

Tgt Ion:130 Resp: 230117  
Ion Ratio Lower Upper  
130 100  
95 104.2 83.4 125.0  
132 98.7 79.0 118.4  
97 70.2 56.2 84.2





#39

1,2-Dichloropropane

Concen: 9.466 ppbv

RT: 4.315 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VL043018.D

Acq: 30 Sep 2025 09:04

Instrument :

MSVOA\_L

ClientSampleId :

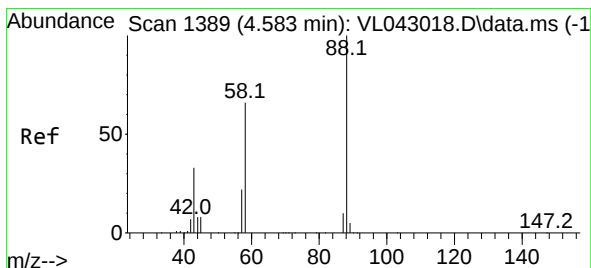
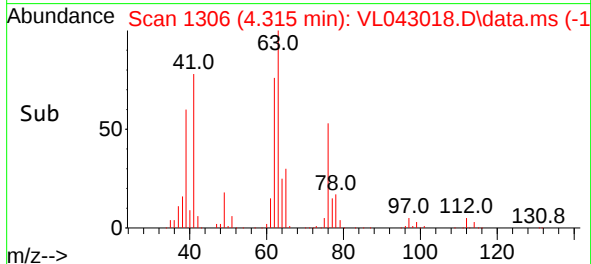
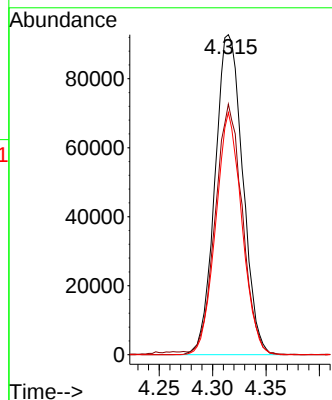
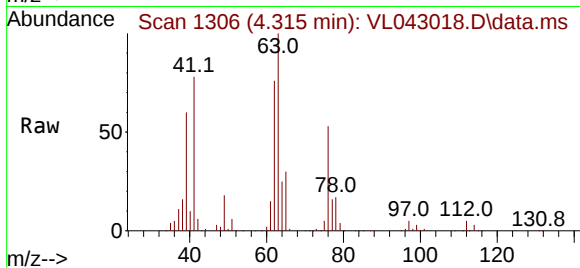
Tgt Ion: 63 Resp: 167757

Ion Ratio Lower Upper

63 100

41 77.9 62.3 93.5

62 75.6 60.5 90.7



#40

1,4-Dioxane

Concen: 10.035 ppbv

RT: 4.583 min Scan# 1389

Delta R.T. 0.000 min

Lab File: VL043018.D

Acq: 30 Sep 2025 09:04

Tgt Ion: 88 Resp: 75431

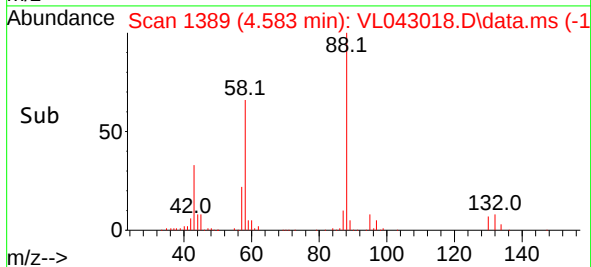
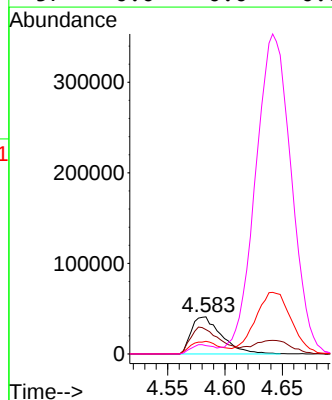
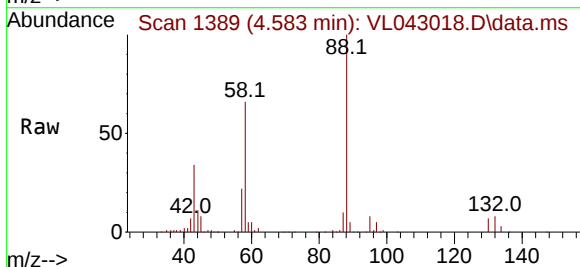
Ion Ratio Lower Upper

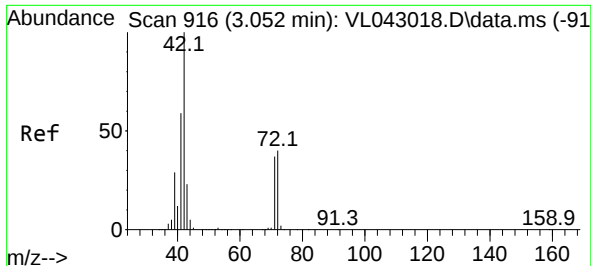
88 100

58 74.1 59.3 88.9

43 30.4 24.3 36.5

57 0.0 0.0 0.0

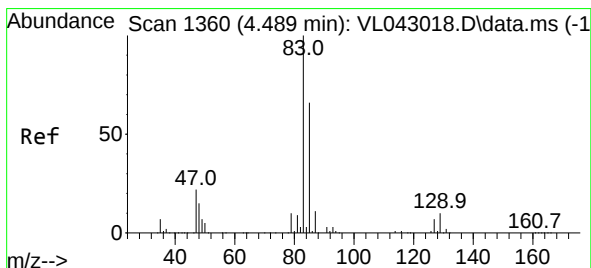
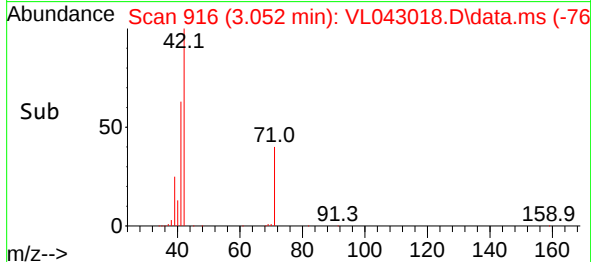
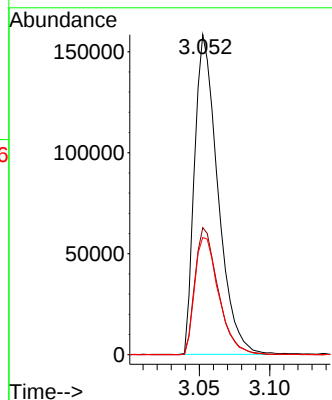
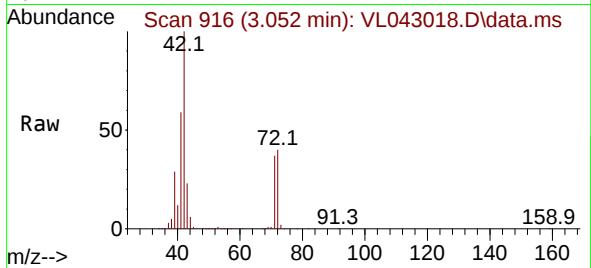




#41  
Tetrahydrofuran  
Concen: 10.116 ppbv  
RT: 3.052 min Scan# 916  
Delta R.T. 0.000 min  
Lab File: VL043018.D  
Acq: 30 Sep 2025 09:04

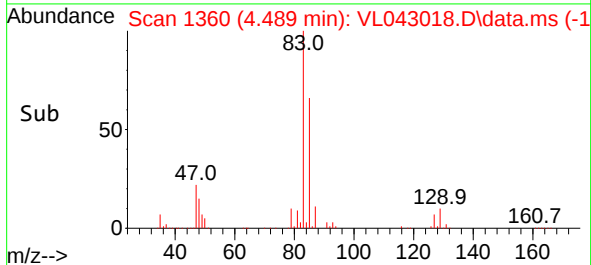
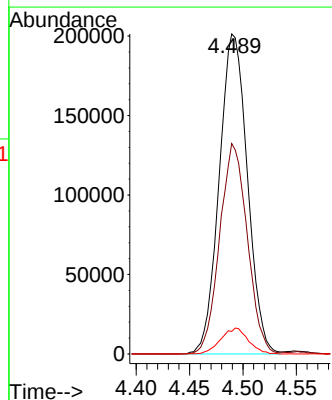
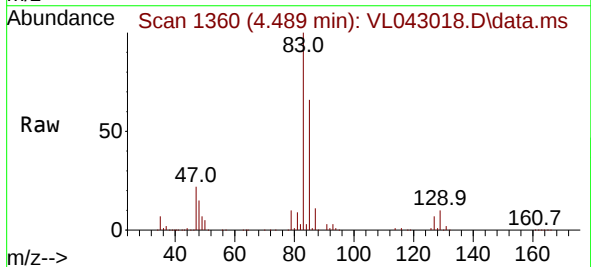
Instrument :  
MSVOA\_L  
ClientSampleId :

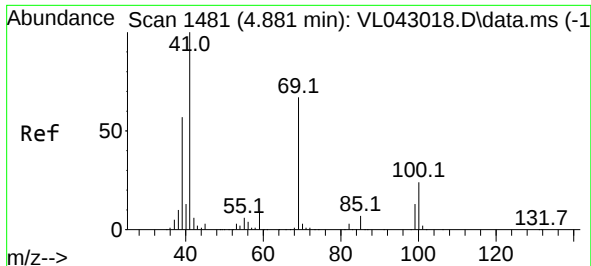
Tgt Ion: 42 Resp: 182673  
Ion Ratio Lower Upper  
42 100  
72 39.5 31.6 47.4  
71 38.0 30.4 45.6



#42  
Bromodichloromethane  
Concen: 9.653 ppbv  
RT: 4.489 min Scan# 1360  
Delta R.T. 0.000 min  
Lab File: VL043018.D  
Acq: 30 Sep 2025 09:04

Tgt Ion: 83 Resp: 369811  
Ion Ratio Lower Upper  
83 100  
85 65.7 52.6 78.8  
127 7.1 5.7 8.5

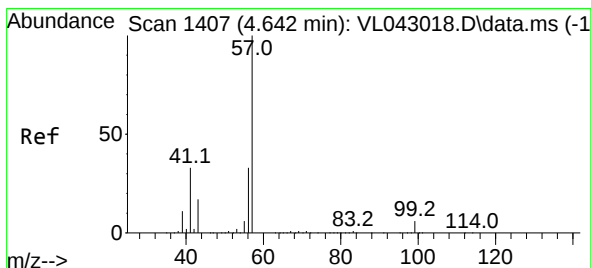
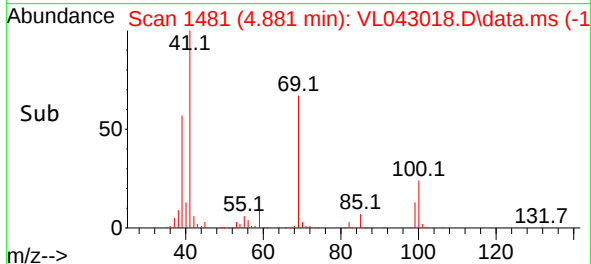
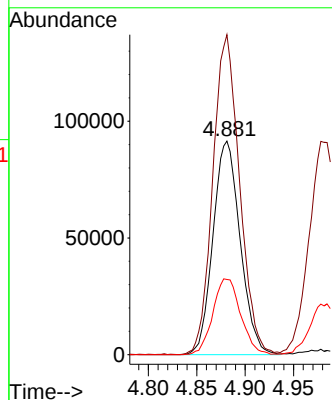
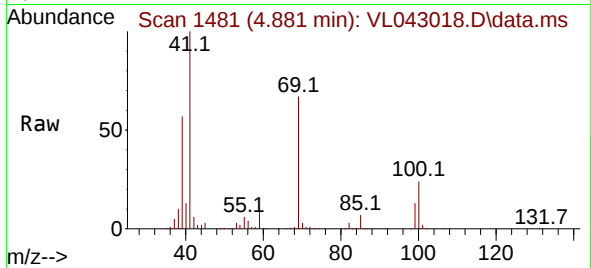




#43  
Methyl Methacrylate  
Concen: 10.538 ppbv  
RT: 4.881 min Scan# 1481  
Delta R.T. 0.000 min  
Lab File: VL043018.D  
Acq: 30 Sep 2025 09:04

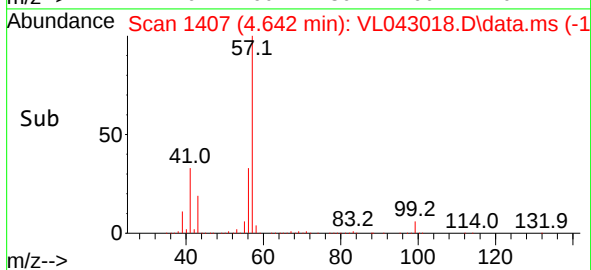
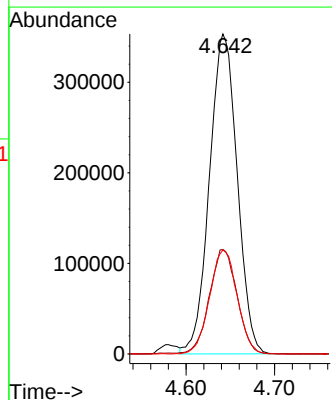
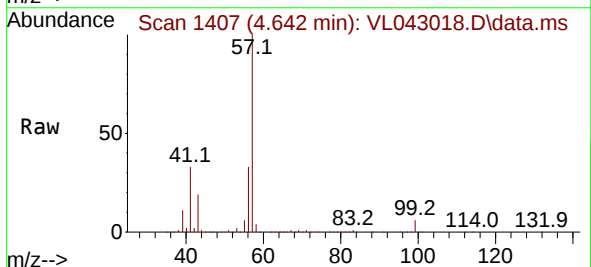
Instrument :  
MSVOA\_L  
ClientSampleId :

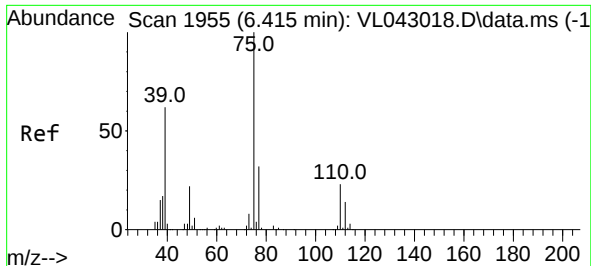
Tgt Ion: 69 Resp: 178713  
Ion Ratio Lower Upper  
69 100  
41 147.0 117.6 176.4  
100 36.3 29.0 43.6



#44  
2,2,4-Trimethylpentane  
Concen: 9.683 ppbv  
RT: 4.642 min Scan# 1407  
Delta R.T. 0.000 min  
Lab File: VL043018.D  
Acq: 30 Sep 2025 09:04

Tgt Ion: 57 Resp: 768864  
Ion Ratio Lower Upper  
57 100  
41 32.7 26.2 39.2  
56 32.4 25.9 38.9





#45

t-1,3-Dichloropropene

Concen: 10.433 ppbv

RT: 6.415 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VL043018.D

Acq: 30 Sep 2025 09:04

Instrument :

MSVOA\_L

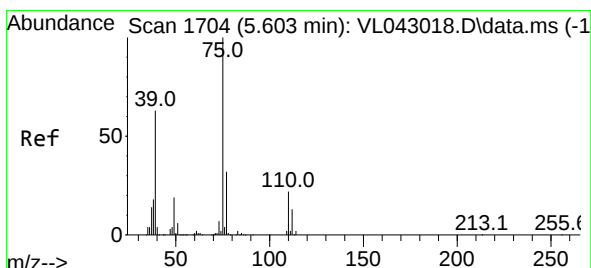
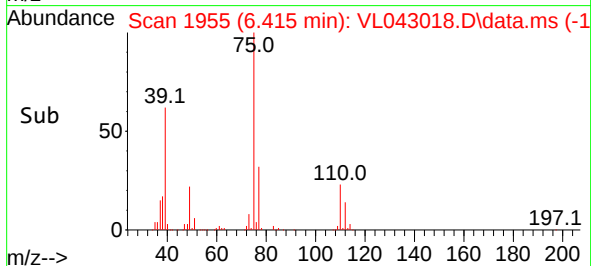
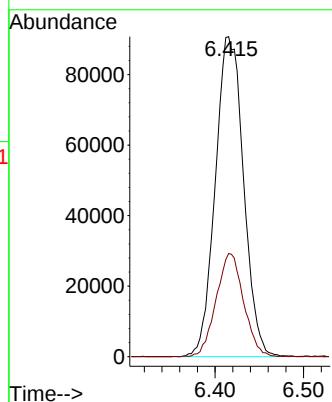
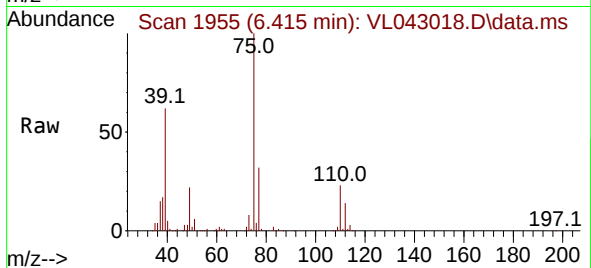
ClientSampleId :

Tgt Ion: 75 Resp: 201168

Ion Ratio Lower Upper

75 100

77 32.2 25.8 38.6



#46

cis-1,3-Dichloropropene

Concen: 10.245 ppbv

RT: 5.603 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VL043018.D

Acq: 30 Sep 2025 09:04

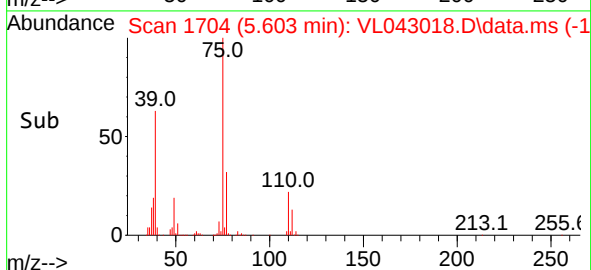
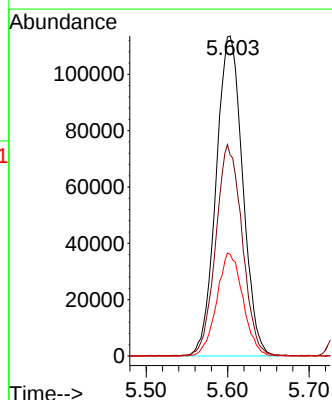
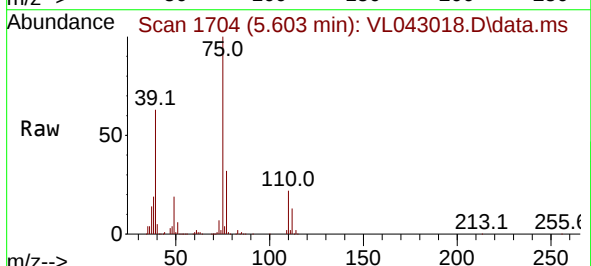
Tgt Ion: 75 Resp: 257695

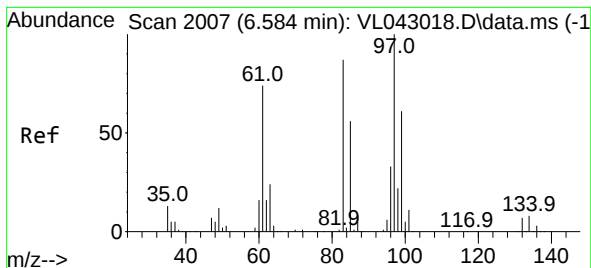
Ion Ratio Lower Upper

75 100

39 62.7 50.2 75.2

77 31.7 25.4 38.0





#47

1,1,2-Trichloroethane

Concen: 9.634 ppbv

RT: 6.584 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VL043018.D

Acq: 30 Sep 2025 09:04

Instrument :

MSVOA\_L

ClientSampleId :

Tgt Ion: 97 Resp: 181117

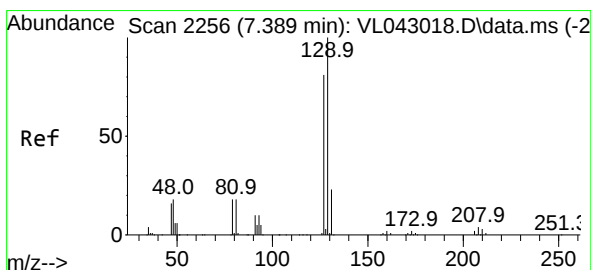
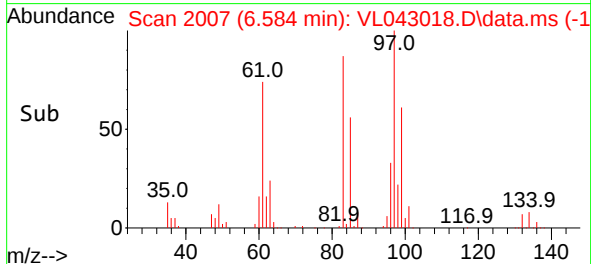
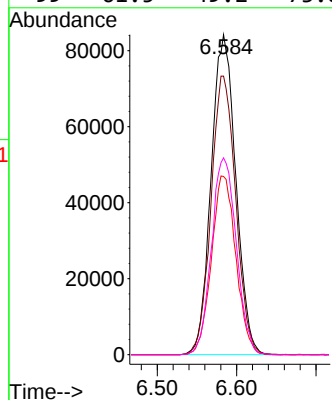
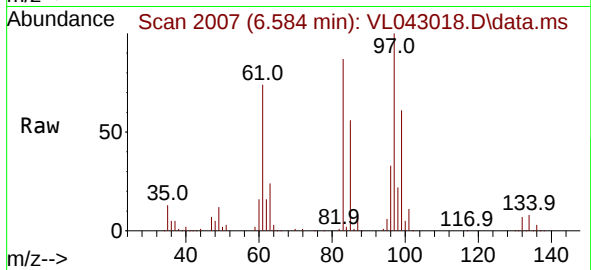
Ion Ratio Lower Upper

97 100

83 87.0 69.6 104.4

85 55.7 44.6 66.8

99 61.5 49.2 73.8



#48

Dibromochloromethane

Concen: 9.836 ppbv

RT: 7.389 min Scan# 2256

Delta R.T. 0.000 min

Lab File: VL043018.D

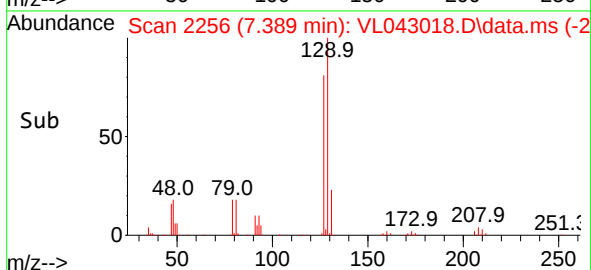
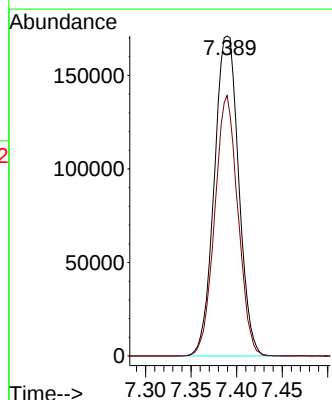
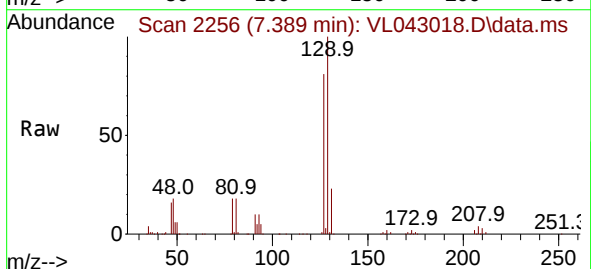
Acq: 30 Sep 2025 09:04

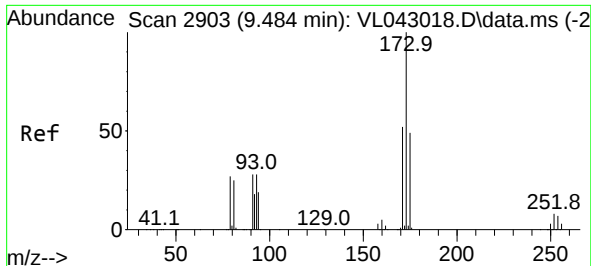
Tgt Ion: 129 Resp: 318763

Ion Ratio Lower Upper

129 100

127 77.3 38.6 116.0

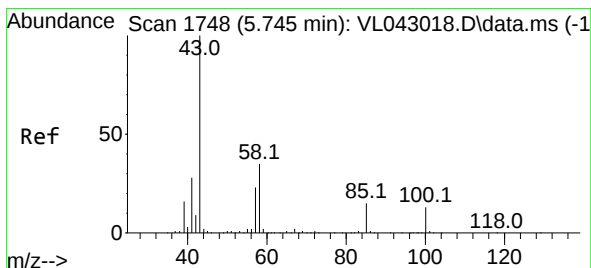
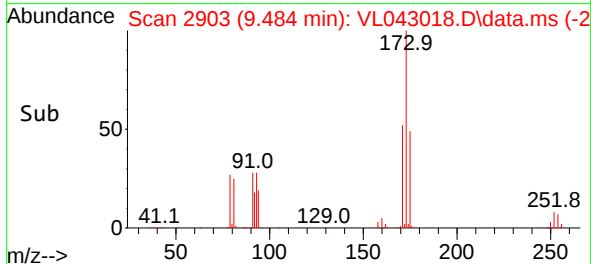
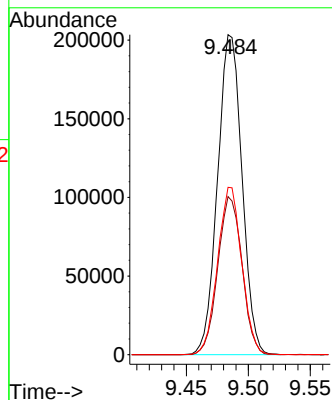
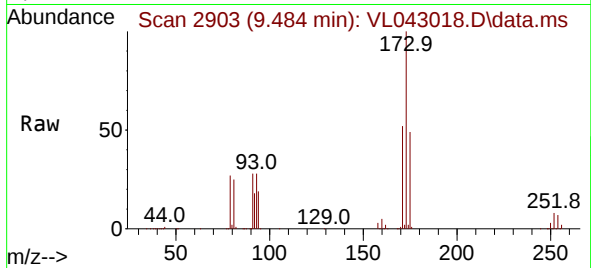




#49  
Bromoform  
Concen: 10.180 ppbv  
RT: 9.484 min Scan# 2903  
Delta R.T. 0.000 min  
Lab File: VL043018.D  
Acq: 30 Sep 2025 09:04

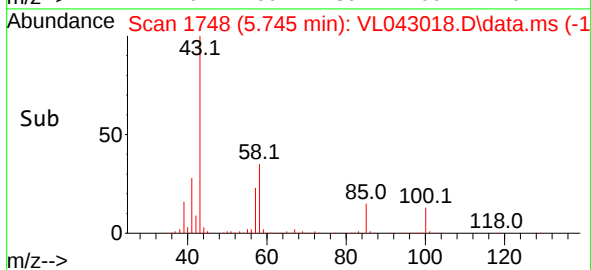
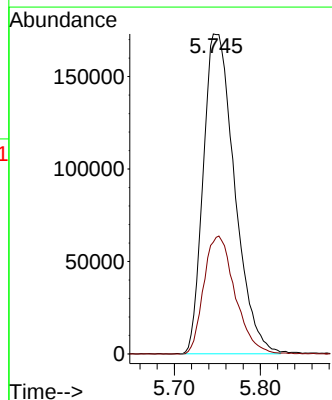
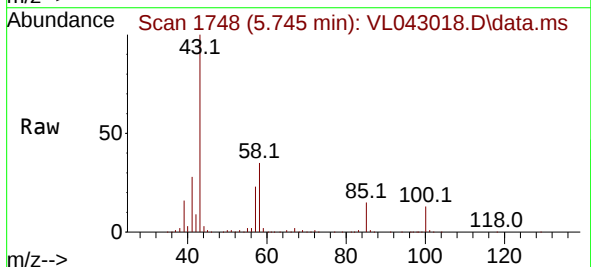
Instrument :  
MSVOA\_L  
ClientSampleId :

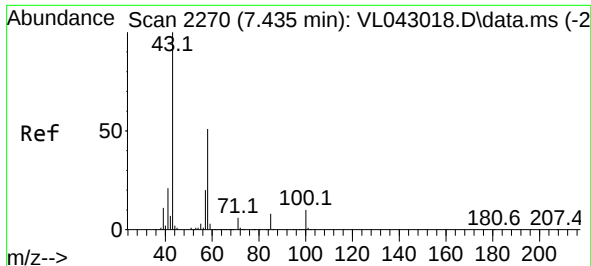
Tgt Ion:173 Resp: 279935  
Ion Ratio Lower Upper  
173 100  
175 48.9 39.1 58.7  
171 51.7 41.4 62.0



#50  
4-Methyl-2-Pentanone  
Concen: 10.115 ppbv  
RT: 5.745 min Scan# 1748  
Delta R.T. 0.000 min  
Lab File: VL043018.D  
Acq: 30 Sep 2025 09:04

Tgt Ion: 43 Resp: 437662  
Ion Ratio Lower Upper  
43 100  
58 36.8 29.4 44.2

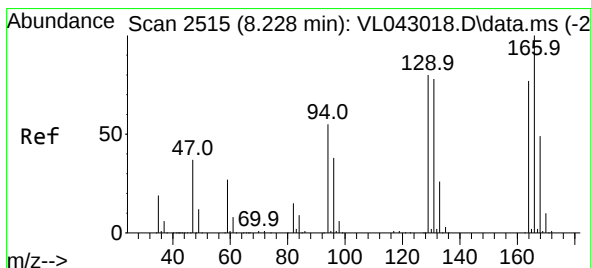
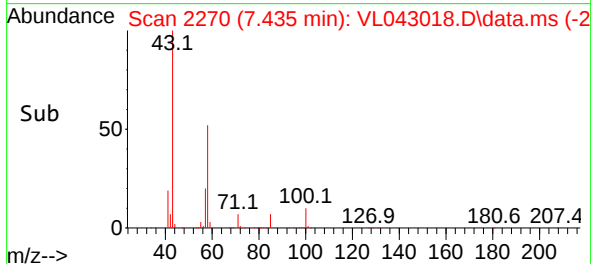
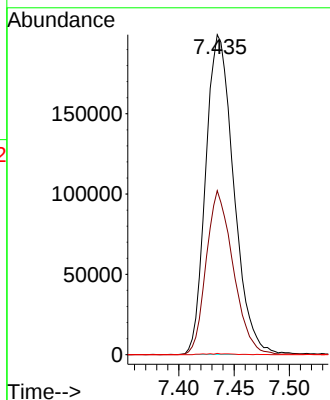
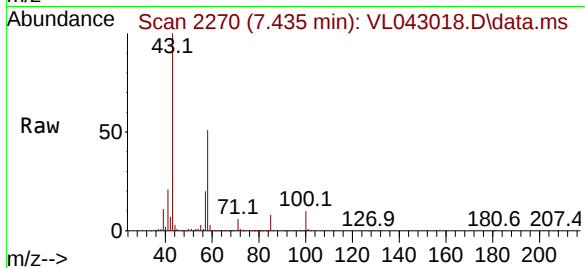




#51  
2-Hexanone  
Concen: 10.995 ppbv  
RT: 7.435 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VL043018.D  
Acq: 30 Sep 2025 09:04

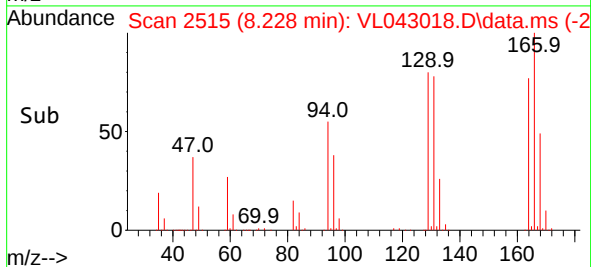
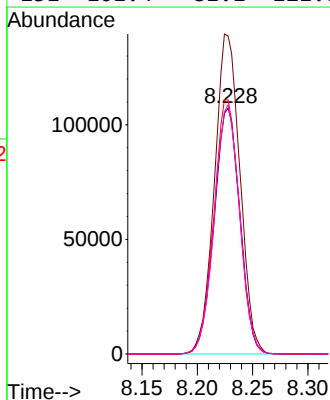
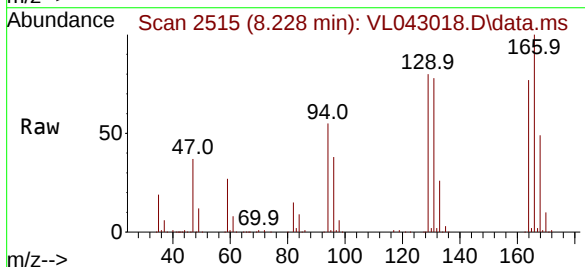
Instrument :  
MSVOA\_L  
ClientSampleId :

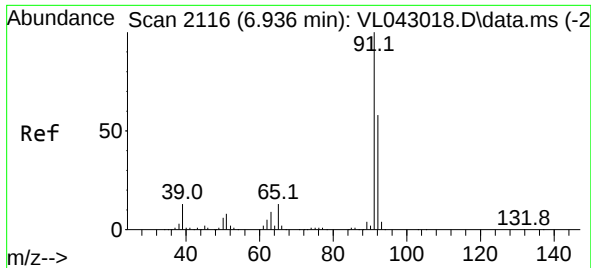
Tgt Ion: 43 Resp: 350573  
Ion Ratio Lower Upper  
43 100  
58 49.6 39.7 59.5  
98 0.3 0.2 0.4



#52  
Tetrachloroethene  
Concen: 9.030 ppbv  
RT: 8.228 min Scan# 2515  
Delta R.T. 0.000 min  
Lab File: VL043018.D  
Acq: 30 Sep 2025 09:04

Tgt Ion:164 Resp: 173739  
Ion Ratio Lower Upper  
164 100  
166 129.4 103.5 155.3  
129 103.3 82.6 124.0  
131 101.4 81.1 121.7

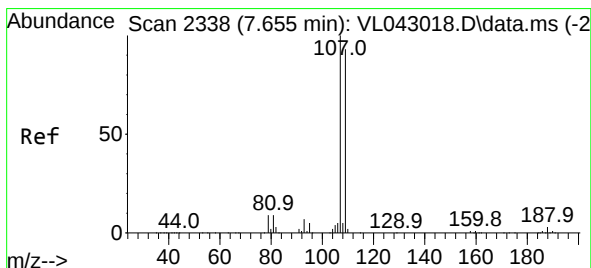
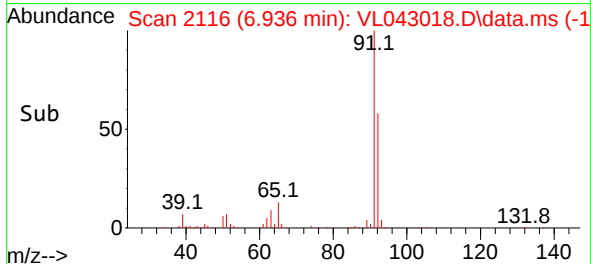
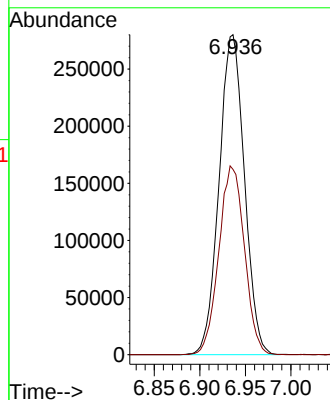
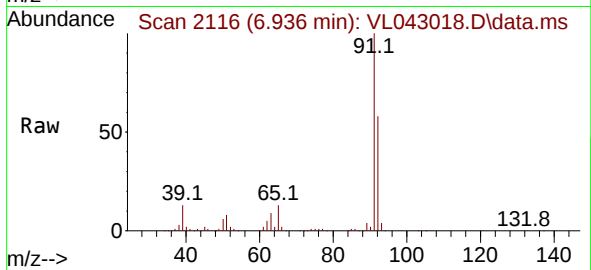




#53  
Toluene  
Concen: 10.068 ppbv  
RT: 6.936 min Scan# 2116  
Delta R.T. 0.000 min  
Lab File: VL043018.D  
Acq: 30 Sep 2025 09:04

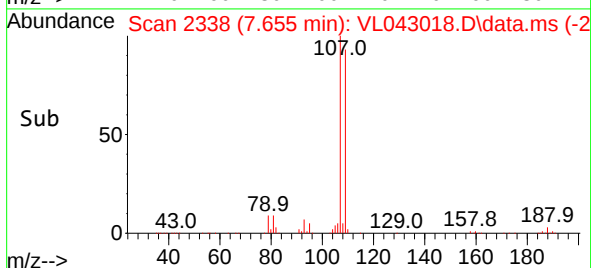
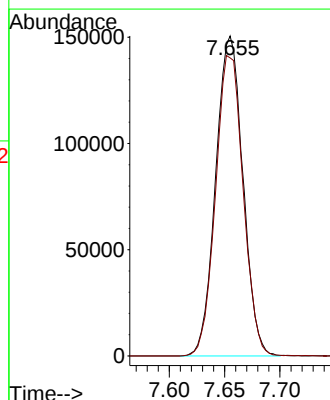
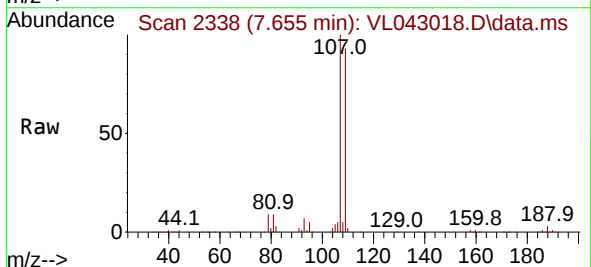
Instrument :  
MSVOA\_L  
ClientSampleId :

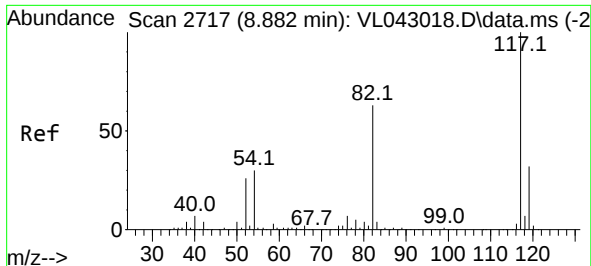
Tgt Ion: 91 Resp: 541908  
Ion Ratio Lower Upper  
91 100  
92 59.6 47.7 71.5



#54  
1,2-Dibromoethane  
Concen: 9.836 ppbv  
RT: 7.655 min Scan# 2338  
Delta R.T. 0.000 min  
Lab File: VL043018.D  
Acq: 30 Sep 2025 09:04

Tgt Ion: 107 Resp: 258052  
Ion Ratio Lower Upper  
107 100  
109 93.2 74.6 111.8

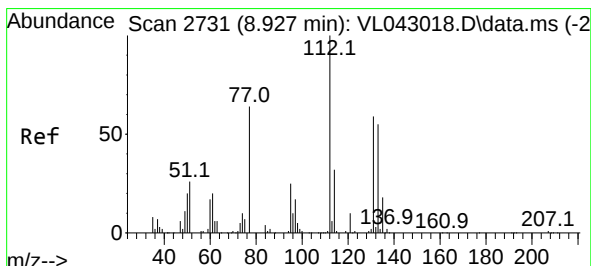
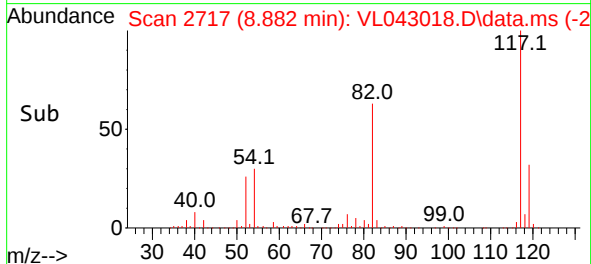
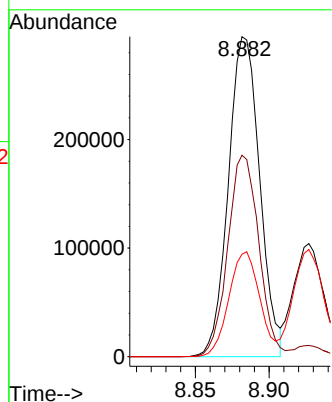
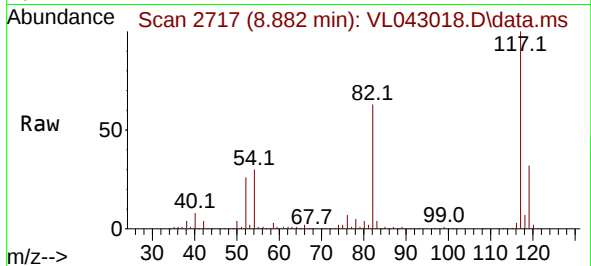




#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 8.882 min Scan# 2717  
Delta R.T. 0.000 min  
Lab File: VL043018.D  
Acq: 30 Sep 2025 09:04

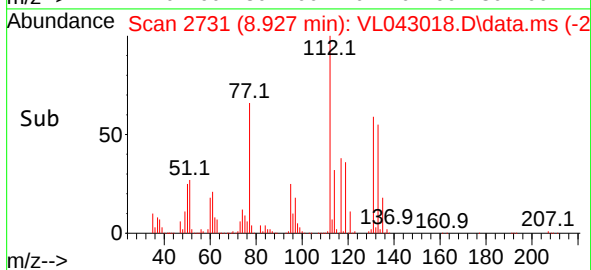
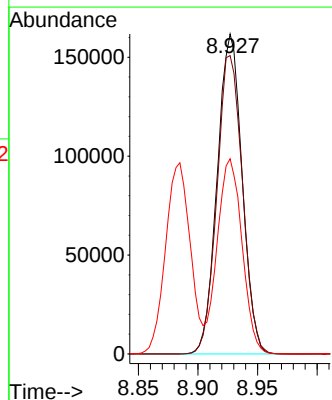
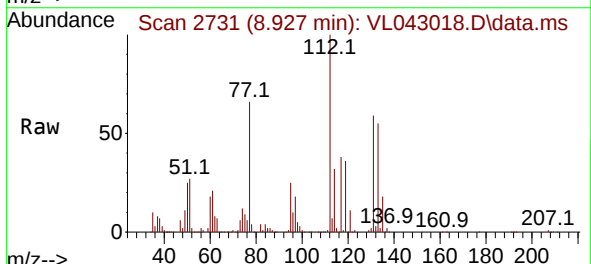
Instrument :  
MSVOA\_L  
ClientSampleId :

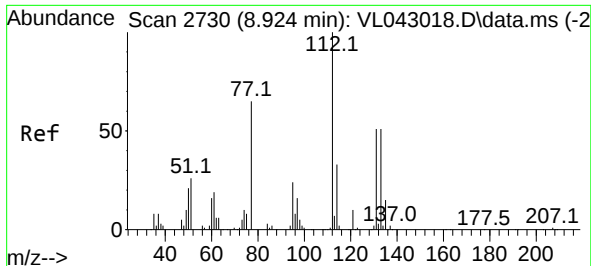
Tgt Ion:117 Resp: 435527  
Ion Ratio Lower Upper  
117 100  
82 65.7 52.6 78.8  
119 33.0 26.4 39.6



#56  
1,1,1,2-Tetrachloroethane  
Concen: 9.509 ppbv  
RT: 8.927 min Scan# 2731  
Delta R.T. 0.000 min  
Lab File: VL043018.D  
Acq: 30 Sep 2025 09:04

Tgt Ion:131 Resp: 234673  
Ion Ratio Lower Upper  
131 100  
133 95.7 76.6 114.8  
119 61.0 48.8 73.2

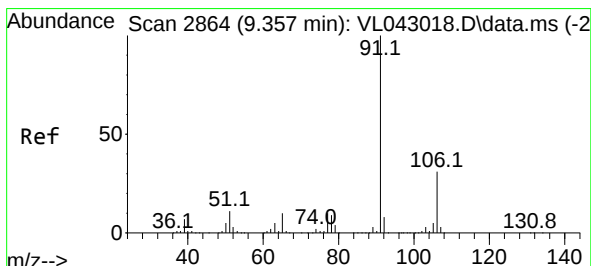
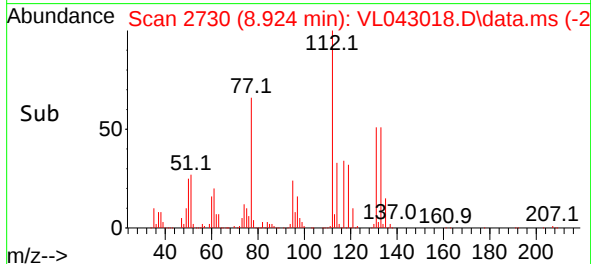
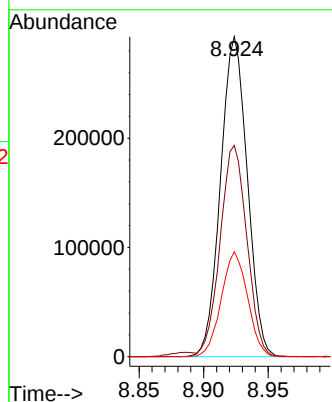
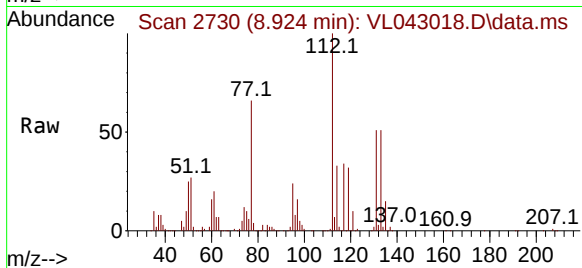




#57  
Chlorobenzene  
Concen: 9.409 ppbv  
RT: 8.924 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VL043018.D  
Acq: 30 Sep 2025 09:04

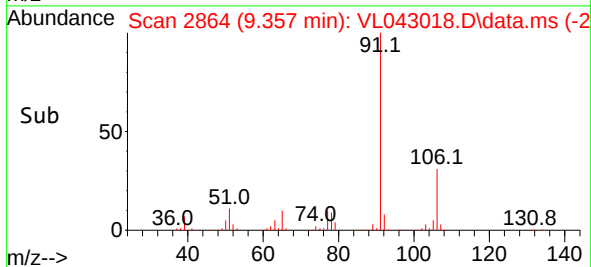
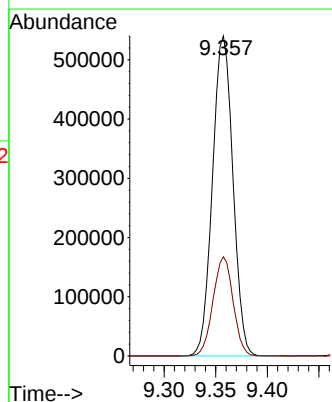
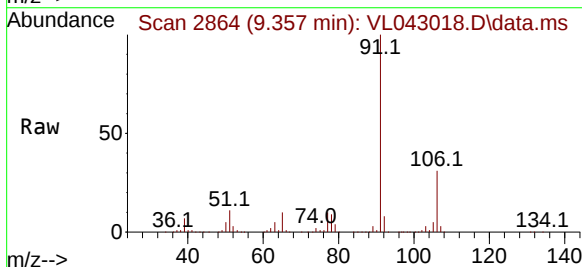
Instrument :  
MSVOA\_L  
ClientSampleId :

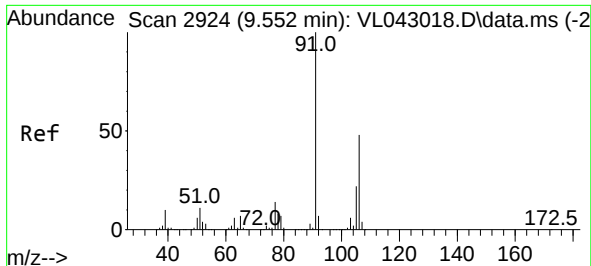
Tgt Ion:112 Resp: 422421  
Ion Ratio Lower Upper  
112 100  
77 65.9 52.7 79.1  
114 32.8 29.5 36.1



#58  
Ethyl Benzene  
Concen: 10.068 ppbv  
RT: 9.357 min Scan# 2864  
Delta R.T. 0.000 min  
Lab File: VL043018.D  
Acq: 30 Sep 2025 09:04

Tgt Ion: 91 Resp: 743277  
Ion Ratio Lower Upper  
91 100  
106 31.0 24.8 37.2





#59

m/p-Xylene

Concen: 10.203 ppbv

RT: 9.552 min Scan# 2924

Delta R.T. 0.000 min

Lab File: VL043018.D

Acq: 30 Sep 2025 09:04

Instrument :

MSVOA\_L

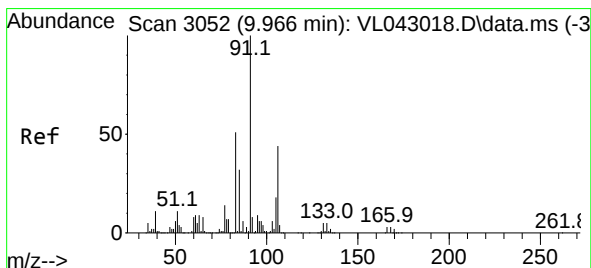
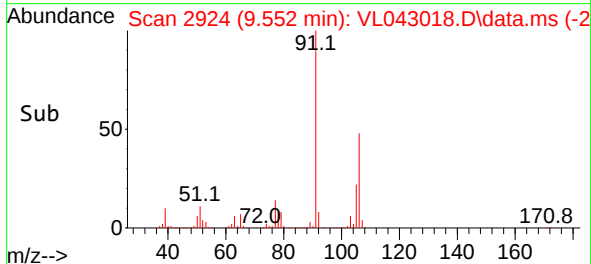
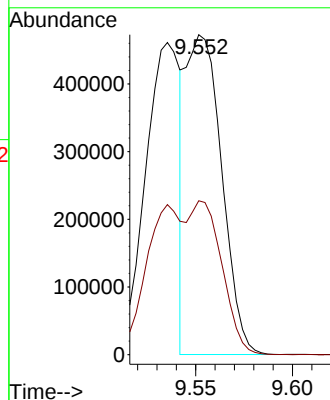
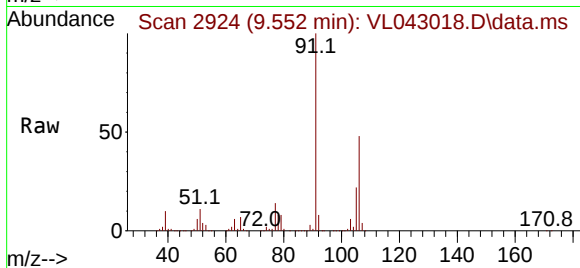
ClientSampleId :

Tgt Ion: 91 Resp: 606061

Ion Ratio Lower Upper

91 100

106 92.9 38.1 57.1#



#60

o-Xylene

Concen: 10.039 ppbv

RT: 9.966 min Scan# 3052

Delta R.T. 0.000 min

Lab File: VL043018.D

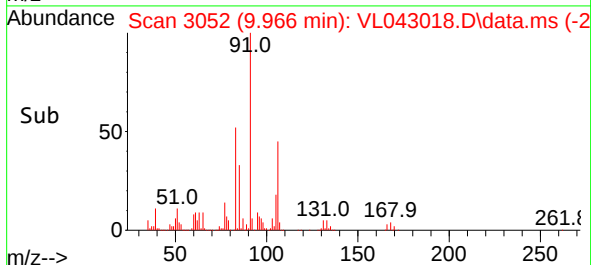
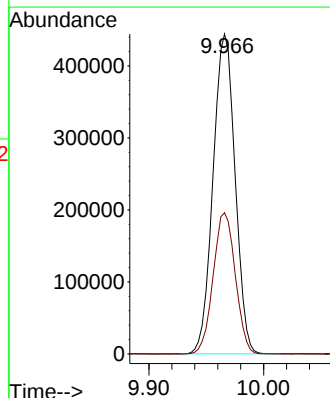
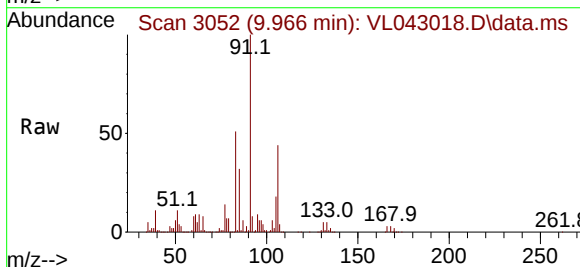
Acq: 30 Sep 2025 09:04

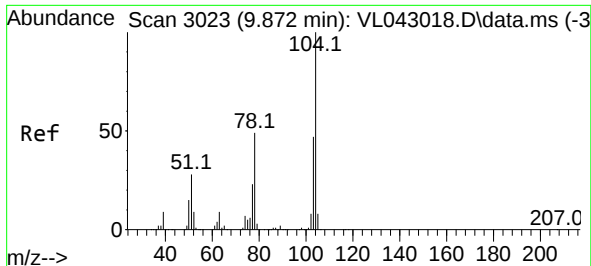
Tgt Ion: 91 Resp: 592630

Ion Ratio Lower Upper

91 100

106 44.4 22.2 66.6

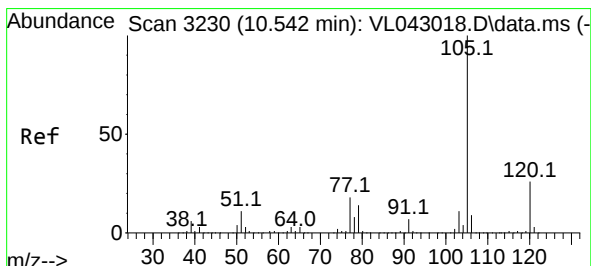
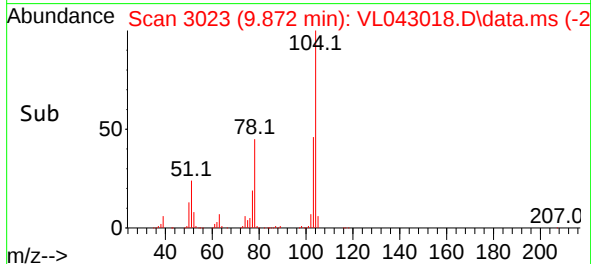
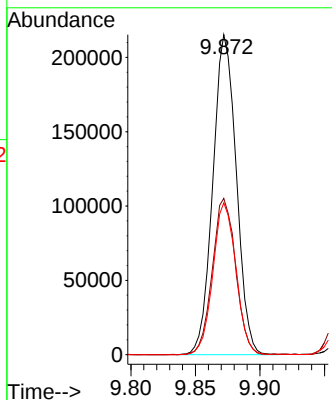
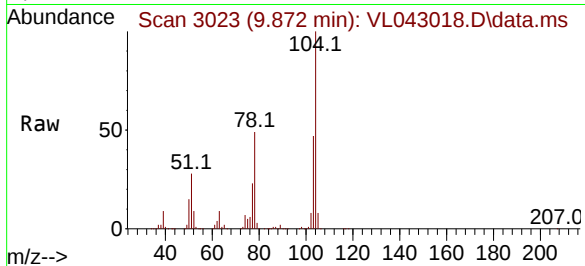




#61  
Styrene  
Concen: 10.868 ppbv  
RT: 9.872 min Scan# 3023  
Delta R.T. 0.000 min  
Lab File: VL043018.D  
Acq: 30 Sep 2025 09:04

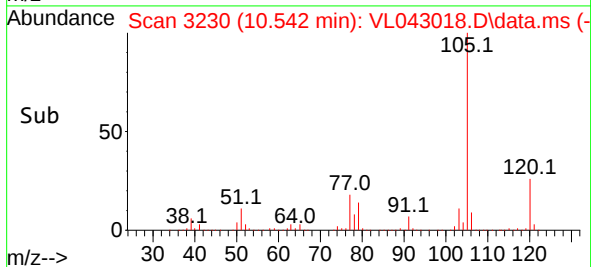
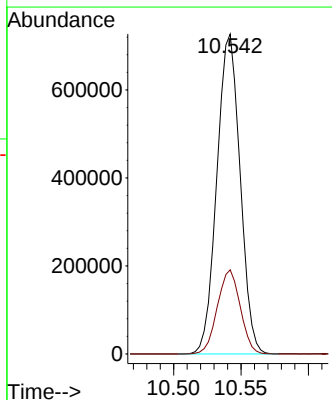
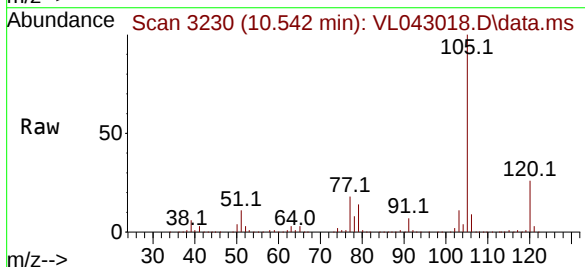
Instrument :  
MSVOA\_L  
ClientSampleId :

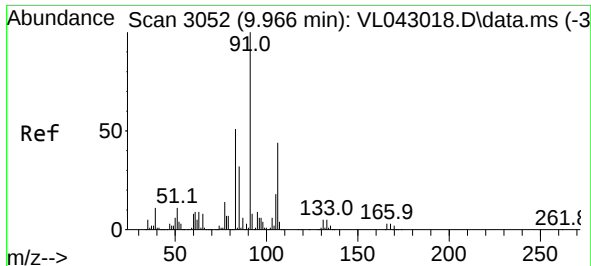
Tgt Ion:104 Resp: 271562  
Ion Ratio Lower Upper  
104 100  
78 48.7 39.0 58.4  
103 46.8 37.4 56.2



#62  
Isopropylbenzene  
Concen: 9.913 ppbv  
RT: 10.542 min Scan# 3230  
Delta R.T. 0.000 min  
Lab File: VL043018.D  
Acq: 30 Sep 2025 09:04

Tgt Ion:105 Resp: 871327  
Ion Ratio Lower Upper  
105 100  
120 25.9 20.7 31.1





#63

1,1,2,2-Tetrachloroethane

Concen: 9.248 ppbv

RT: 9.966 min Scan# 3052

Delta R.T. 0.000 min

Lab File: VL043018.D

Acq: 30 Sep 2025 09:04

Instrument :

MSVOA\_L

ClientSampleId :

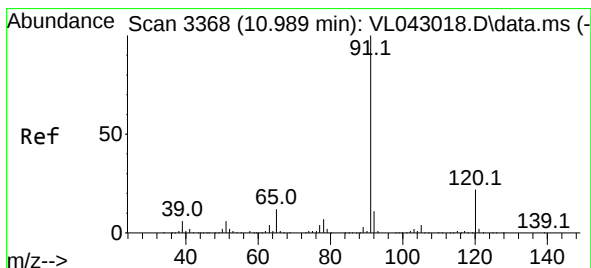
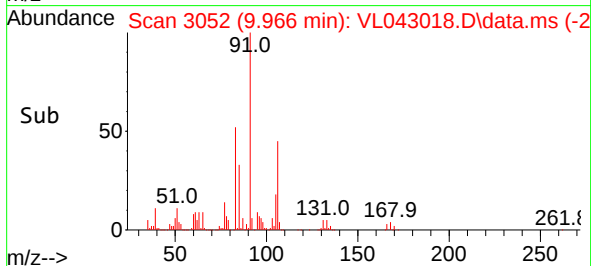
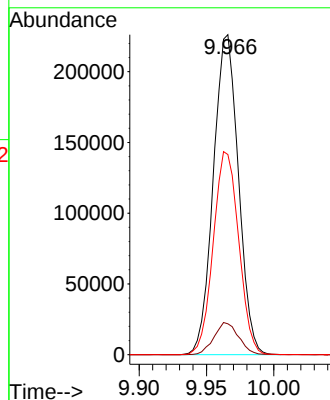
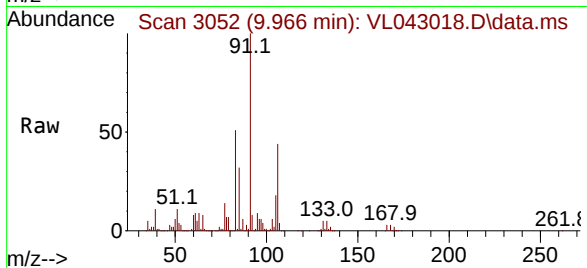
Tgt Ion: 83 Resp: 293025

Ion Ratio Lower Upper

83 100

131 9.9 5.0 14.9

85 64.4 32.2 96.6



#64

n-propylbenzene

Concen: 9.886 ppbv

RT: 10.989 min Scan# 3368

Delta R.T. 0.000 min

Lab File: VL043018.D

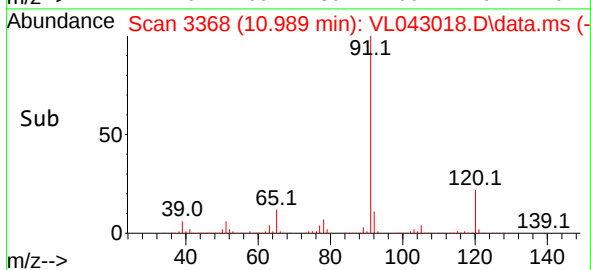
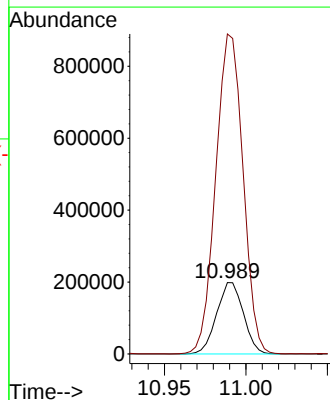
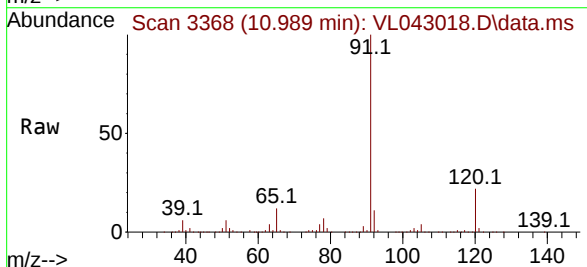
Acq: 30 Sep 2025 09:04

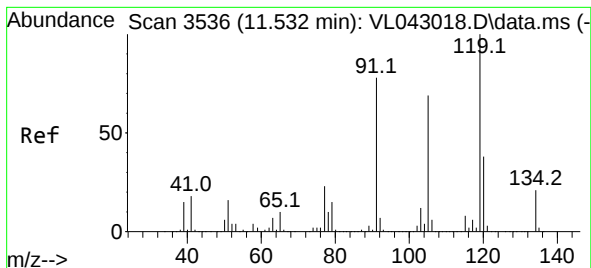
Tgt Ion: 120 Resp: 226471

Ion Ratio Lower Upper

120 100

91 457.0 365.6 548.4





#65

tert-Butylbenzene

Concen: 9.755 ppbv

RT: 11.532 min Scan# 3536

Delta R.T. 0.000 min

Lab File: VL043018.D

Acq: 30 Sep 2025 09:04

Instrument :

MSVOA\_L

ClientSampleId :

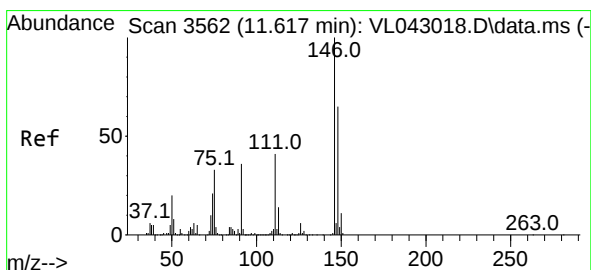
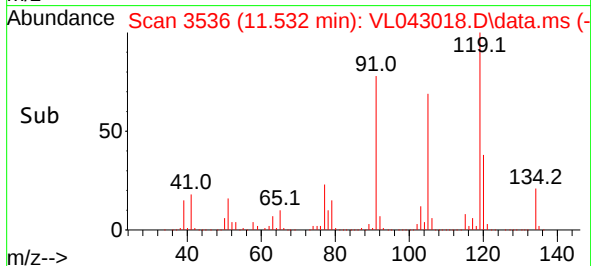
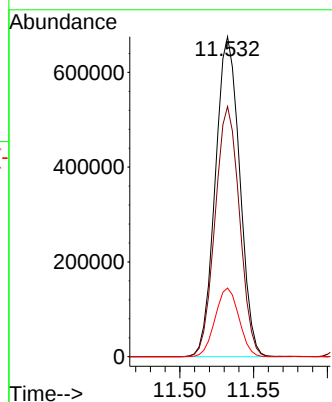
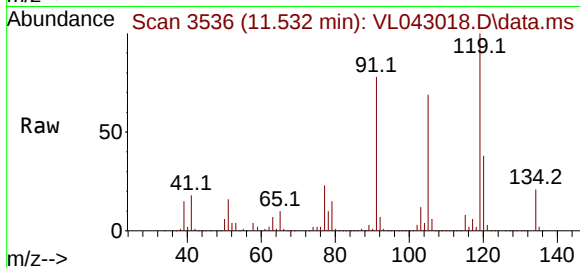
Tgt Ion:119 Resp: 776480

Ion Ratio Lower Upper

119 100

91 78.2 62.6 93.8

134 20.9 16.7 25.1



#66

Benzyl Chloride

Concen: 11.008 ppbv

RT: 11.617 min Scan# 3562

Delta R.T. 0.000 min

Lab File: VL043018.D

Acq: 30 Sep 2025 09:04

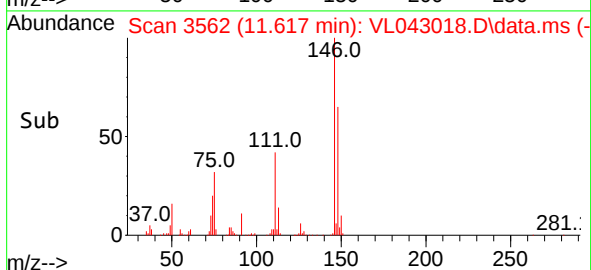
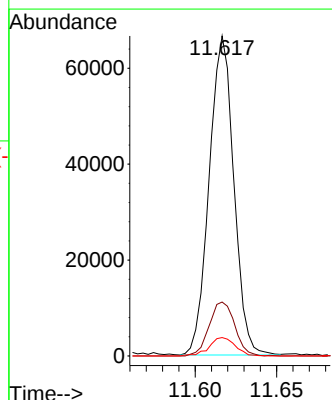
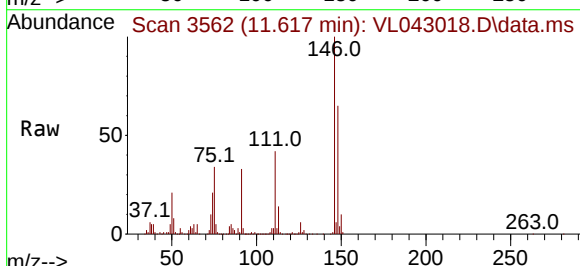
Tgt Ion: 91 Resp: 69902

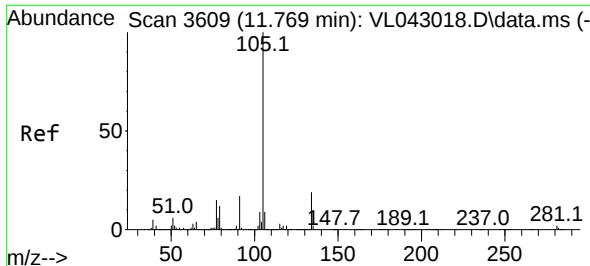
Ion Ratio Lower Upper

91 100

126 17.6 14.1 21.1

128 6.1 4.9 7.3

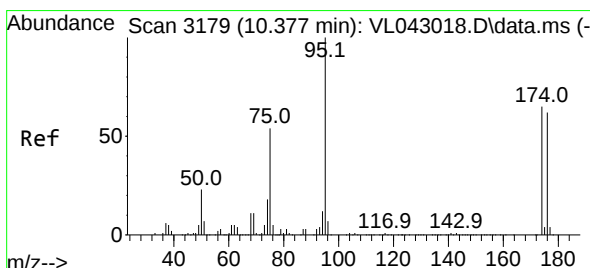
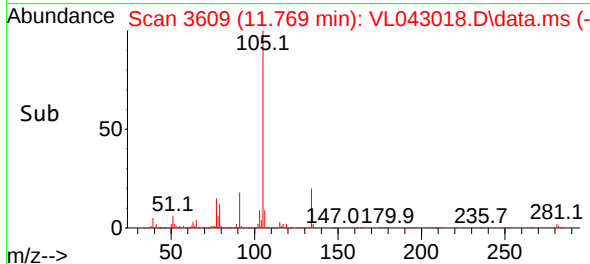
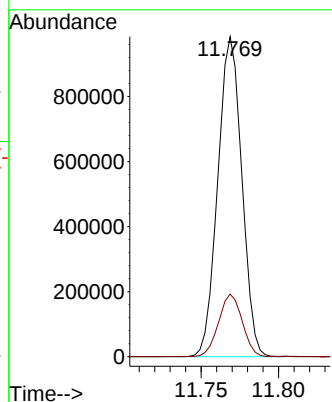
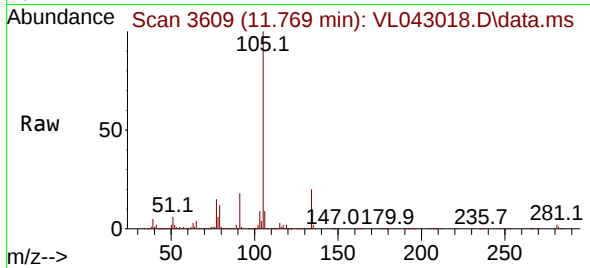




#67  
 sec-Butylbenzene  
 Concen: 9.546 ppbv  
 RT: 11.769 min Scan# 3179  
 Delta R.T. 0.000 min  
 Lab File: VL043018.D  
 Acq: 30 Sep 2025 09:04

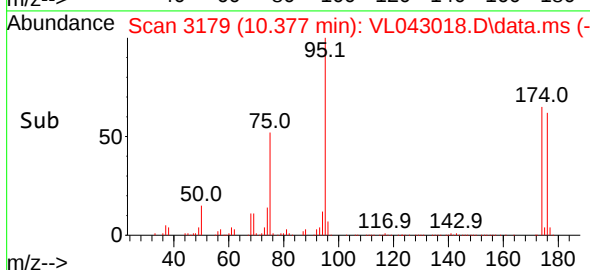
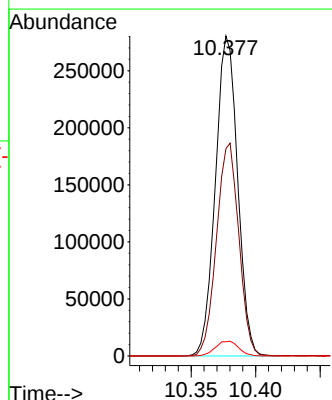
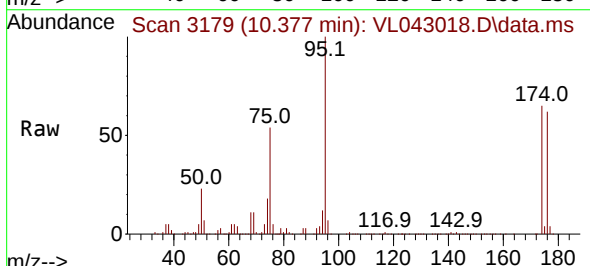
Instrument :  
 MSVOA\_L  
 ClientSampleId :

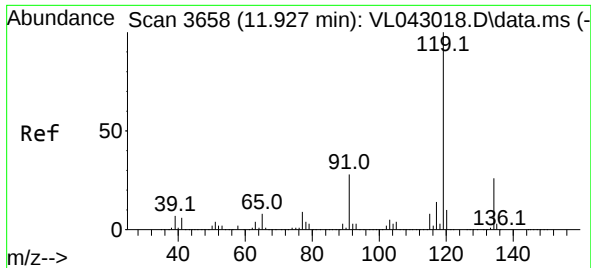
Tgt Ion:105 Resp: 1059591  
 Ion Ratio Lower Upper  
 105 100  
 134 19.3 15.4 23.2



#68  
 1-Bromo-4-Fluorobenzene  
 Concen: 10.167 ppbv  
 RT: 10.377 min Scan# 3179  
 Delta R.T. 0.000 min  
 Lab File: VL043018.D  
 Acq: 30 Sep 2025 09:04

Tgt Ion: 95 Resp: 335426  
 Ion Ratio Lower Upper  
 95 100  
 174 66.8 53.4 80.2  
 175 4.8 3.8 5.8

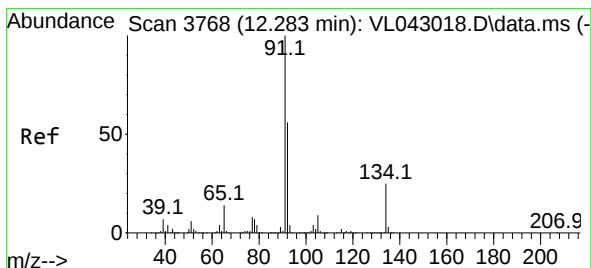
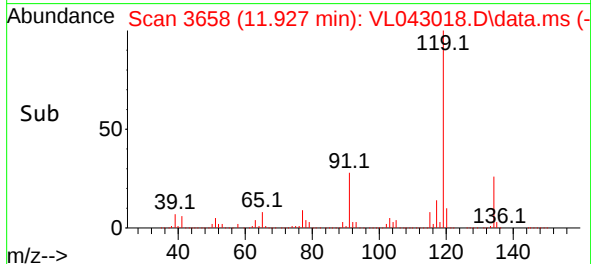
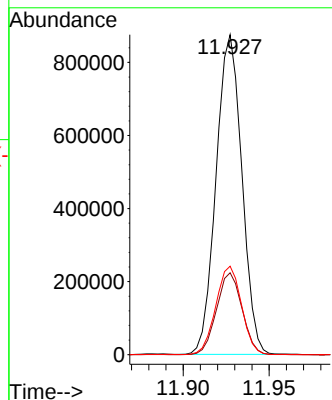
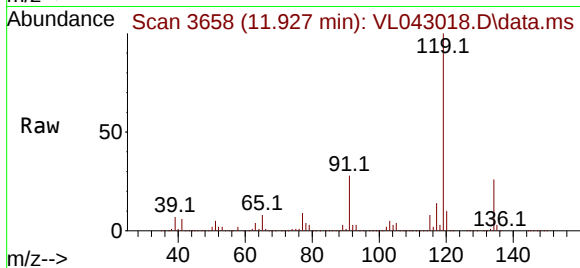




#69  
p-Isopropyltoluene  
Concen: 9.871 ppbv  
RT: 11.927 min Scan# 3658  
Delta R.T. 0.000 min  
Lab File: VL043018.D  
Acq: 30 Sep 2025 09:04

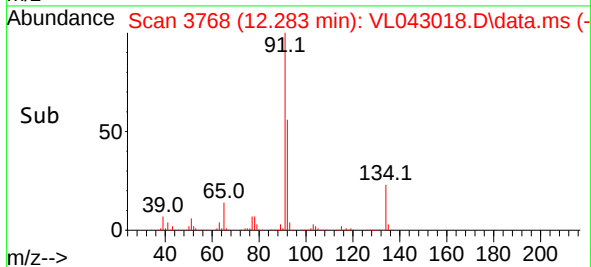
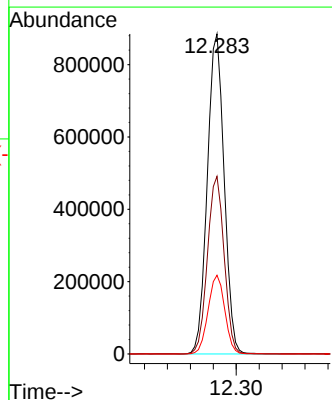
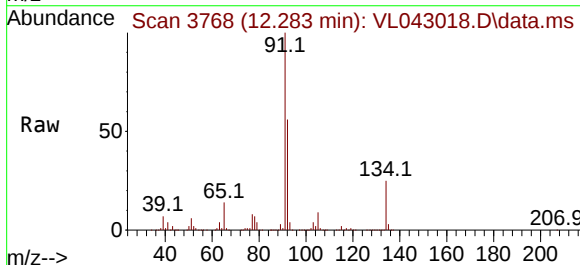
Instrument :  
MSVOA\_L  
ClientSampleId :

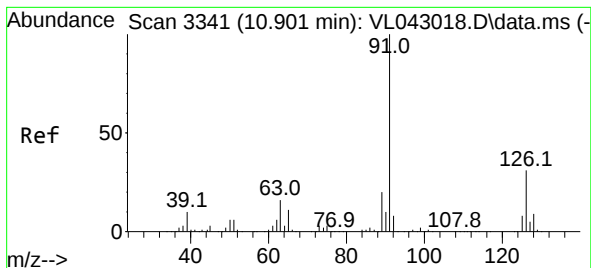
Tgt Ion:119 Resp: 912492  
Ion Ratio Lower Upper  
119 100  
134 25.4 20.3 30.5  
91 27.6 22.1 33.1



#70  
n-Butylbenzene  
Concen: 10.076 ppbv  
RT: 12.283 min Scan# 3768  
Delta R.T. 0.000 min  
Lab File: VL043018.D  
Acq: 30 Sep 2025 09:04

Tgt Ion: 91 Resp: 899952  
Ion Ratio Lower Upper  
91 100  
92 55.3 44.2 66.4  
134 24.4 19.5 29.3





#71

2-Chlorotoluene

Concen: 9.943 ppbv

RT: 10.901 min Scan# 3341

Delta R.T. 0.000 min

Lab File: VL043018.D

Acq: 30 Sep 2025 09:04

Instrument :

MSVOA\_L

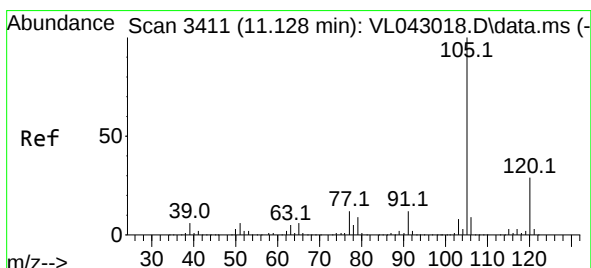
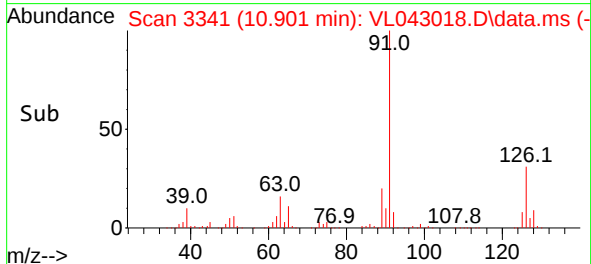
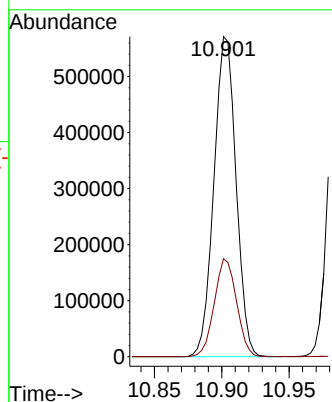
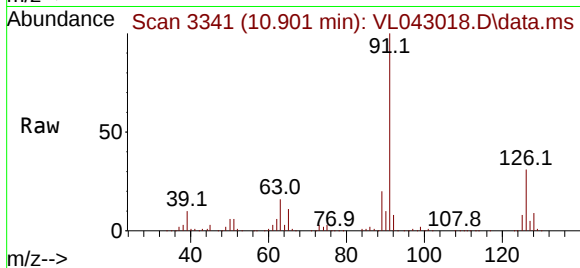
ClientSampleId :

Tgt Ion: 91 Resp: 651840

Ion Ratio Lower Upper

91 100

126 30.8 12.3 49.3



#72

4-Ethyltoluene

Concen: 10.137 ppbv

RT: 11.128 min Scan# 3411

Delta R.T. 0.000 min

Lab File: VL043018.D

Acq: 30 Sep 2025 09:04

Tgt Ion: 105 Resp: 736218

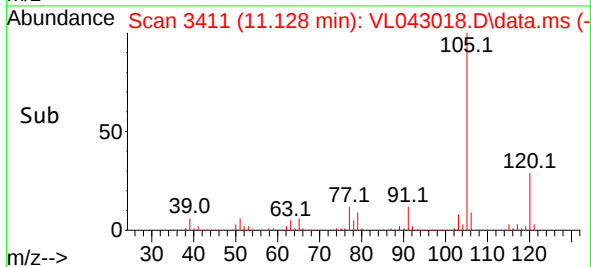
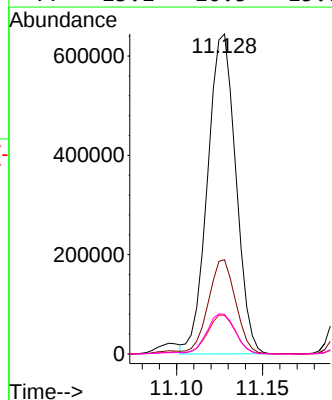
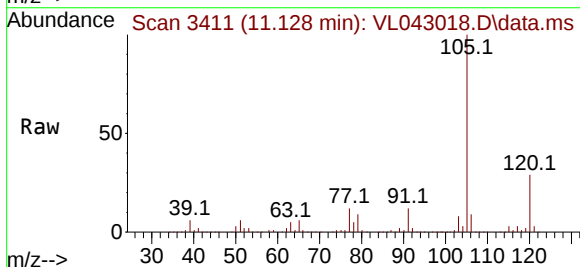
Ion Ratio Lower Upper

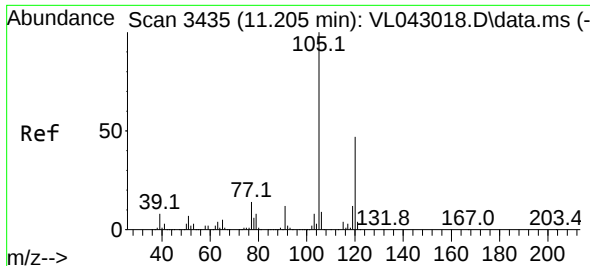
105 100

120 29.5 23.6 35.4

91 12.5 10.0 15.0

77 13.1 10.5 15.7

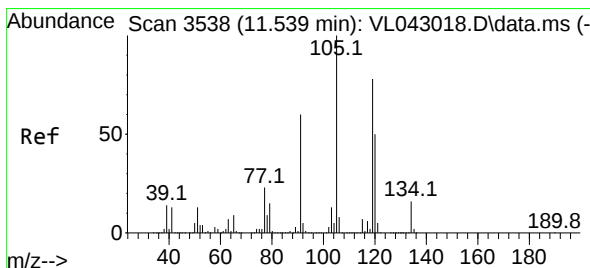
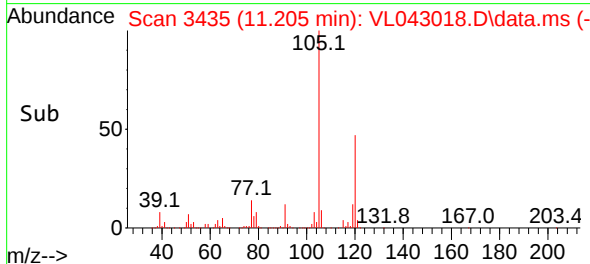
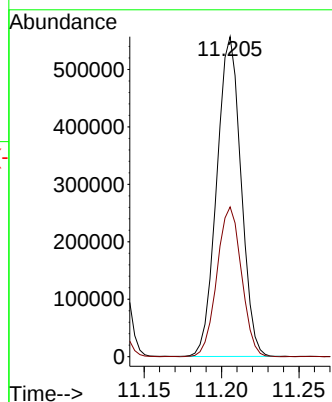
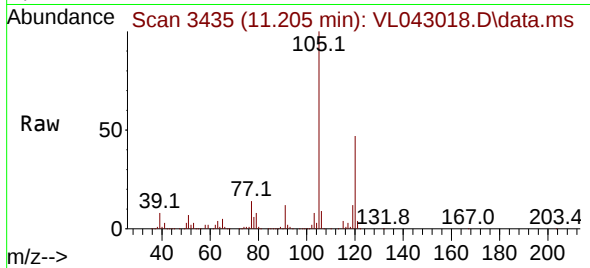




#73  
 1,3,5-Trimethylbenzene  
 Concen: 9.908 ppbv  
 RT: 11.205 min Scan# 3435  
 Delta R.T. 0.000 min  
 Lab File: VL043018.D  
 Acq: 30 Sep 2025 09:04

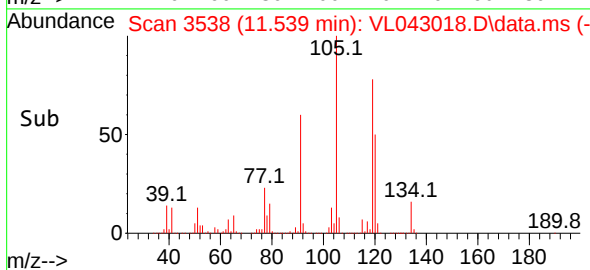
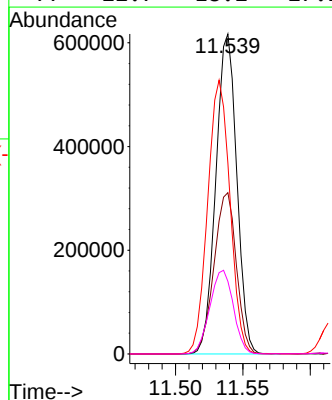
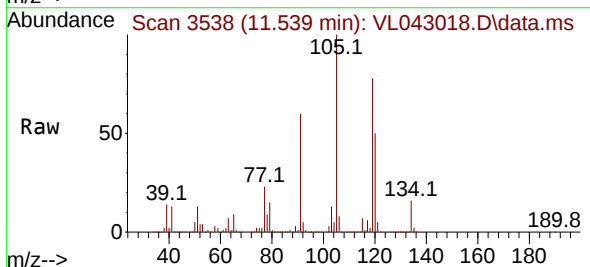
Instrument :  
 MSVOA\_1  
 ClientSampleId :

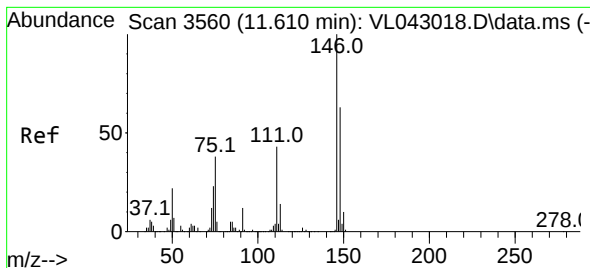
Tgt Ion:105 Resp: 606727  
 Ion Ratio Lower Upper  
 105 100  
 120 46.8 37.4 56.2



#74  
 1,2,4-Trimethylbenzene  
 Concen: 9.641 ppbv  
 RT: 11.539 min Scan# 3538  
 Delta R.T. 0.000 min  
 Lab File: VL043018.D  
 Acq: 30 Sep 2025 09:04

Tgt Ion:105 Resp: 666377  
 Ion Ratio Lower Upper  
 105 100  
 120 50.4 40.3 60.5  
 91 59.6 47.7 71.5  
 77 22.7 18.2 27.2





#75

1,3-Dichlorobenzene

Concen: 9.510 ppbv

RT: 11.610 min Scan# 3560

Delta R.T. 0.000 min

Lab File: VL043018.D

Acq: 30 Sep 2025 09:04

Instrument :

MSVOA\_L

ClientSampleId :

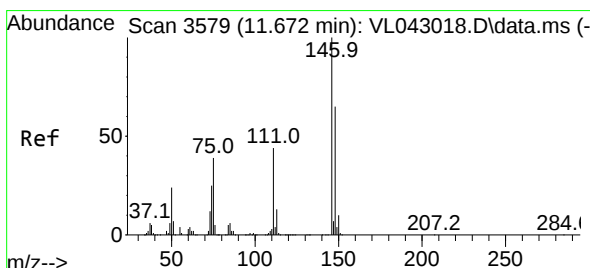
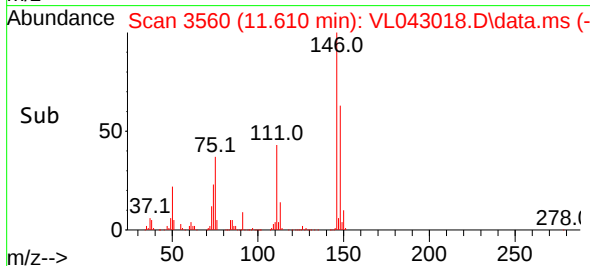
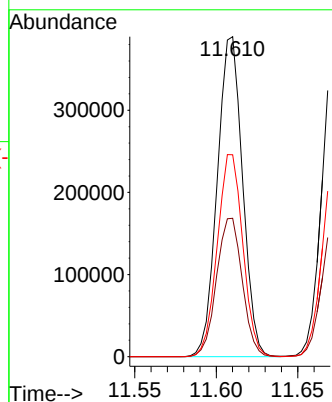
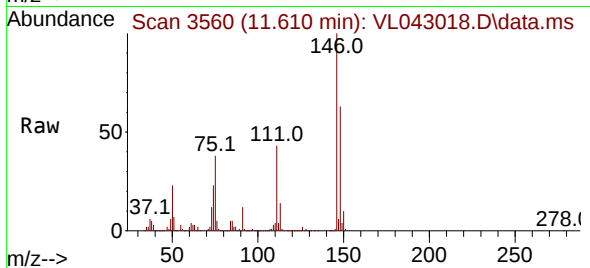
Tgt Ion:146 Resp: 419914

Ion Ratio Lower Upper

146 100

111 44.0 22.0 66.0

148 63.8 31.9 95.7



#76

1,4-Dichlorobenzene

Concen: 9.672 ppbv

RT: 11.672 min Scan# 3579

Delta R.T. 0.000 min

Lab File: VL043018.D

Acq: 30 Sep 2025 09:04

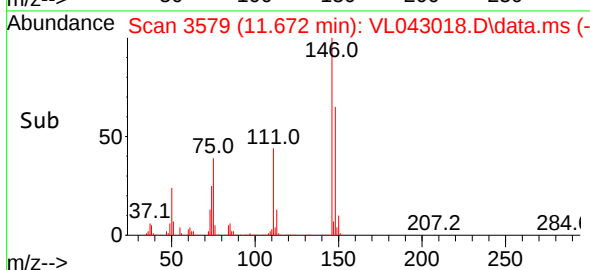
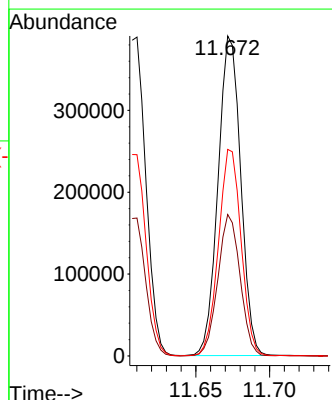
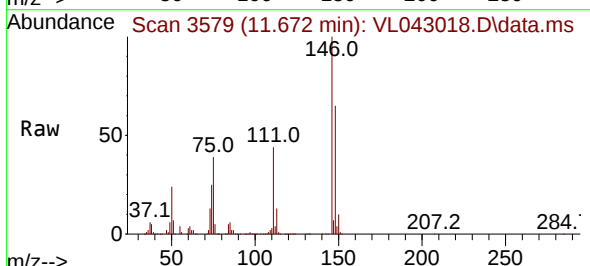
Tgt Ion:146 Resp: 417361

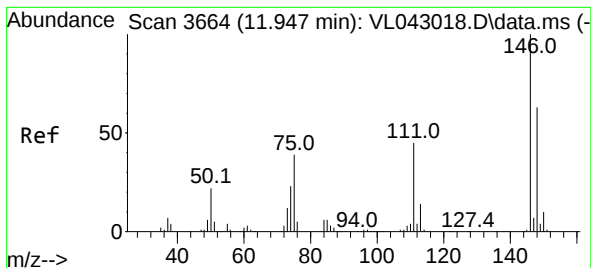
Ion Ratio Lower Upper

146 100

111 43.7 21.9 65.5

148 64.8 32.4 97.2





#77

1,2-Dichlorobenzene

Concen: 9.265 ppbv

RT: 11.947 min Scan# 3664

Delta R.T. 0.000 min

Lab File: VL043018.D

Acq: 30 Sep 2025 09:04

Instrument :

MSVOA\_L

ClientSampleId :

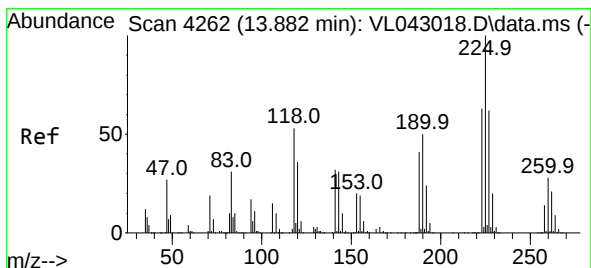
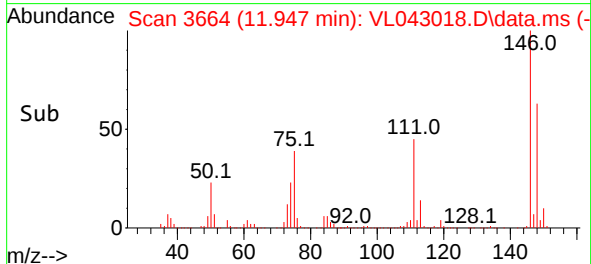
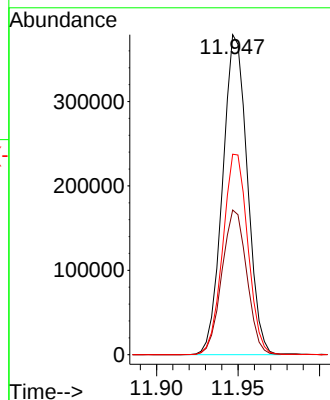
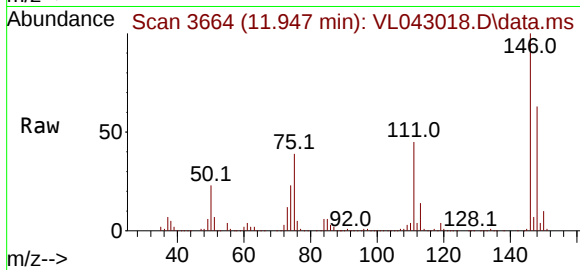
Tgt Ion:146 Resp: 399469

Ion Ratio Lower Upper

146 100

111 45.7 22.9 68.5

148 63.6 31.8 95.4



#78

Hexachloro-1,3-Butadiene

Concen: 8.822 ppbv

RT: 13.882 min Scan# 4262

Delta R.T. 0.000 min

Lab File: VL043018.D

Acq: 30 Sep 2025 09:04

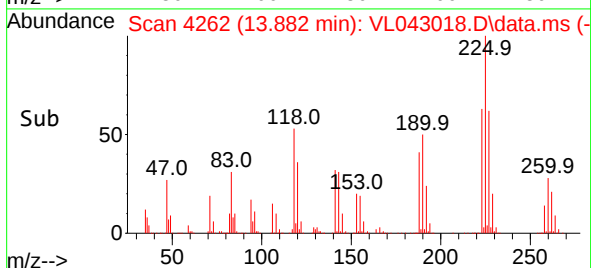
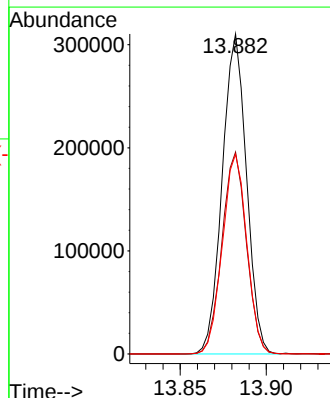
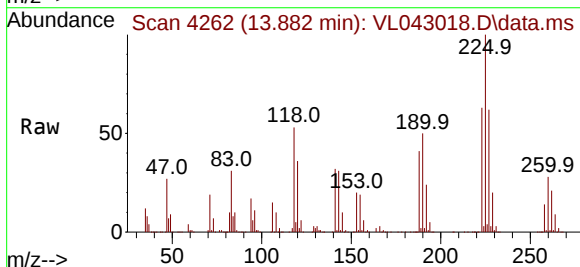
Tgt Ion:225 Resp: 304210

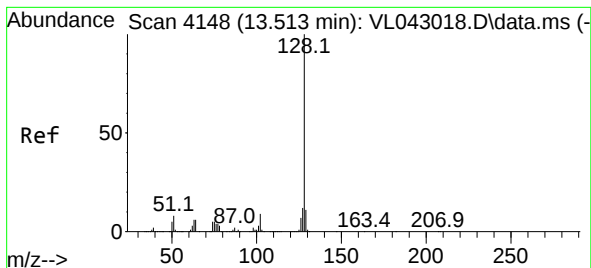
Ion Ratio Lower Upper

225 100

223 63.6 50.9 76.3

227 62.9 50.3 75.5





#79

Naphthalene

Concen: 11.821 ppbv

RT: 13.513 min Scan# 4148

Delta R.T. 0.000 min

Lab File: VL043018.D

Acq: 30 Sep 2025 09:04

Instrument :

MSVOA\_L

ClientSampleId :

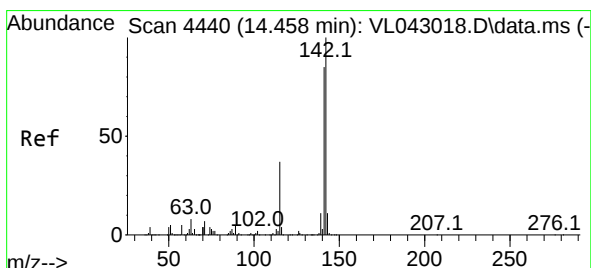
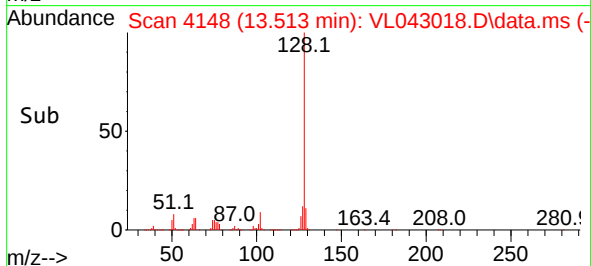
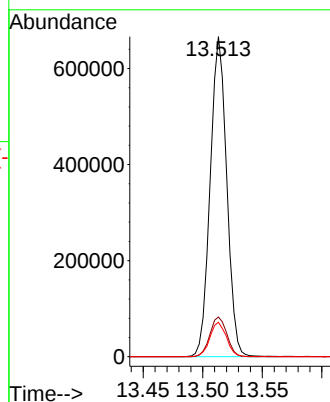
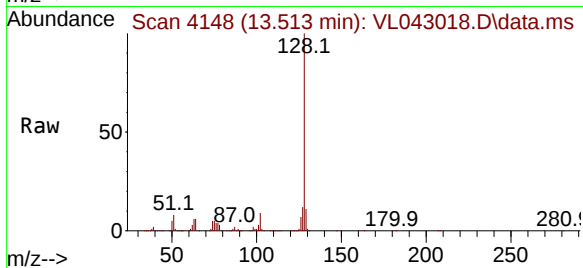
Tgt Ion:128 Resp: 644643

Ion Ratio Lower Upper

128 100

127 12.4 9.9 14.9

129 10.8 8.6 13.0



#80

Naphthalene, 2-methyl-

Concen: 11.559 ppbv

RT: 14.458 min Scan# 4440

Delta R.T. 0.000 min

Lab File: VL043018.D

Acq: 30 Sep 2025 09:04

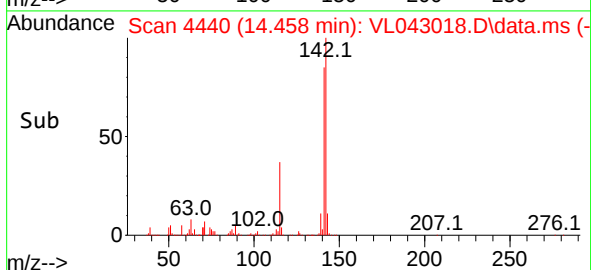
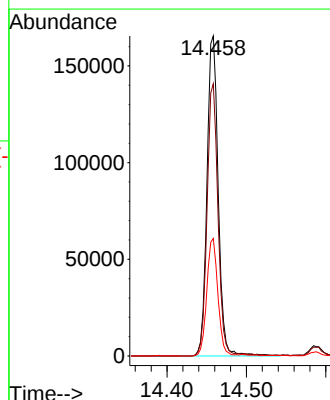
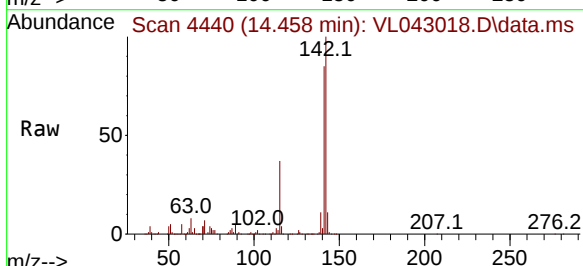
Tgt Ion:142 Resp: 163081

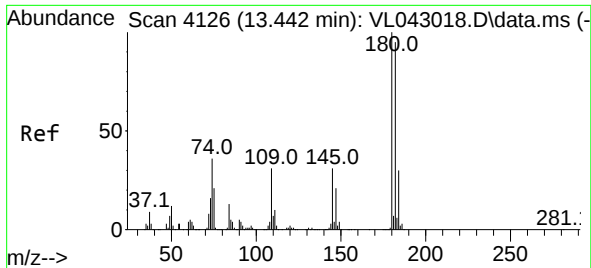
Ion Ratio Lower Upper

142 100

141 83.7 67.0 100.4

115 37.2 29.8 44.6





#81

1,2,4-Trichlorobenzene

Concen: 10.616 ppbv

RT: 13.442 min Scan# 41

Delta R.T. 0.000 min

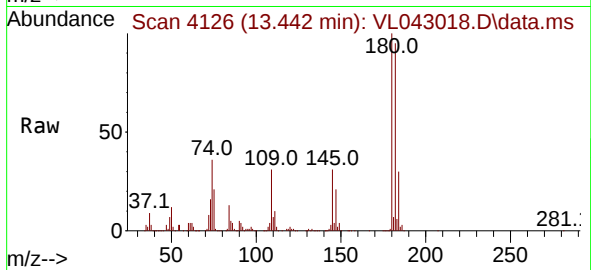
Lab File: VL043018.D

Acq: 30 Sep 2025 09:04

Instrument :

MSVOA\_L

ClientSampleId :



Tgt Ion:180 Resp: 351051

Ion Ratio Lower Upper

180 100

182 94.8 75.8 113.8

184 30.3 24.2 36.4

