

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD080224\  
 Data File : VD079542.D  
 Acq On : 02 Aug 2024 15:10  
 Operator : RP/MD  
 Sample : VD0802SBS01  
 Misc : 5.00G/5.0ml/MSVOA\_D/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0802SBS02

Quant Time: Aug 03 00:32:34 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D072924S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 30 03:50:47 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Pentafluorobenzene        | 7.875  | 168   | 193429   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.775  | 114   | 342985   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 11.581 | 117   | 319448   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.516 | 152   | 157142   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 8.228  | 65    | 120386   | 61.263   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | = 122.520% |          |
| 35) Dibromofluoromethane     | 7.805  | 113   | 125190   | 53.927   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | = 107.860% |          |
| 50) Toluene-d8               | 10.269 | 98    | 510578   | 56.635   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 134 | Recovery | = 113.280% |          |
| 62) 4-Bromofluorobenzene     | 12.569 | 95    | 145984   | 55.958   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 30 - 143 | Recovery | = 111.920% |          |
| Target Compounds             |        |       |          |          |            |          |
|                              |        |       |          |          | Qvalue     |          |
| 2) Dichlorodifluoromethane   | 1.928  | 85    | 35957    | 23.725   | ug/l       | 96       |
| 3) Chloromethane             | 2.146  | 50    | 67048    | 24.010   | ug/l       | 95       |
| 4) Vinyl Chloride            | 2.275  | 62    | 82263    | 24.776   | ug/l       | 97       |
| 5) Bromomethane              | 2.664  | 94    | 48891    | 21.846   | ug/l       | 99       |
| 6) Chloroethane              | 2.822  | 64    | 48655    | 22.804   | ug/l       | 98       |
| 7) Trichlorofluoromethane    | 3.158  | 101   | 78064    | 23.641   | ug/l       | 94       |
| 8) Diethyl Ether             | 3.593  | 74    | 25563    | 25.628   | ug/l       | 83       |
| 9) 1,1,2-Trichlorotrifluo... | 3.952  | 101   | 48039    | 23.002   | ug/l       | 98       |
| 10) Methyl Iodide            | 4.152  | 142   | 52057    | 22.058   | ug/l       | 96       |
| 11) Tert butyl alcohol       | 5.064  | 59    | 14341    | 163.154  | ug/l #     | 94       |
| 12) 1,1-Dichloroethene       | 3.928  | 96    | 48995    | 23.443   | ug/l       | 90       |
| 13) Acrolein                 | 3.793  | 56    | 18675    | 131.184  | ug/l       | 96       |
| 14) Allyl chloride           | 4.546  | 41    | 65616    | 23.776   | ug/l       | 87       |
| 15) Acrylonitrile            | 5.252  | 53    | 60369    | 129.521  | ug/l       | 99       |
| 16) Acetone                  | 4.028  | 43    | 43494    | 113.891  | ug/l       | 91       |
| 17) Carbon Disulfide         | 4.258  | 76    | 150833   | 21.864   | ug/l       | 99       |
| 18) Methyl Acetate           | 4.552  | 43    | 32077    | 27.053   | ug/l #     | 86       |
| 19) Methyl tert-butyl Ether  | 5.311  | 73    | 104352   | 24.461   | ug/l       | 97       |
| 20) Methylene Chloride       | 4.793  | 84    | 79515    | 19.590   | ug/l #     | 88       |
| 21) trans-1,2-Dichloroethene | 5.305  | 96    | 55380    | 23.588   | ug/l       | 88       |
| 22) Diisopropyl ether        | 6.211  | 45    | 157302   | 25.617   | ug/l #     | 90       |
| 23) Vinyl Acetate            | 6.152  | 43    | 585500   | 126.844  | ug/l #     | 92       |
| 24) 1,1-Dichloroethane       | 6.099  | 63    | 100362   | 24.389   | ug/l       | 91       |
| 25) 2-Butanone               | 7.081  | 43    | 68610    | 126.723  | ug/l       | 95       |
| 26) 2,2-Dichloropropane      | 7.069  | 77    | 78117    | 23.469   | ug/l       | 99       |
| 27) cis-1,2-Dichloroethene   | 7.075  | 96    | 63004    | 23.477   | ug/l       | 88       |
| 28) Bromochloromethane       | 7.422  | 49    | 43740    | 24.240   | ug/l #     | 72       |
| 29) Tetrahydrofuran          | 7.440  | 42    | 44429    | 132.414  | ug/l #     | 83       |
| 30) Chloroform               | 7.593  | 83    | 101964   | 24.468   | ug/l       | 98       |
| 31) Cyclohexane              | 7.875  | 56    | 73743    | 22.596   | ug/l       | 88       |
| 32) 1,1,1-Trichloroethane    | 7.787  | 97    | 84149    | 24.472   | ug/l       | 98       |
| 36) 1,1-Dichloropropene      | 8.005  | 75    | 68564    | 21.639   | ug/l       | 99       |
| 37) Ethyl Acetate            | 7.163  | 43    | 31604    | 24.327   | ug/l #     | 76       |
| 38) Carbon Tetrachloride     | 7.987  | 117   | 73368    | 22.026   | ug/l       | 95       |
| 39) Methylcyclohexane        | 9.269  | 83    | 77186    | 20.416   | ug/l       | 90       |
| 40) Benzene                  | 8.246  | 78    | 225342   | 22.391   | ug/l       | 93       |

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 Sample : VD0802SBS01  
 Misc : 5.00G/5.0ml/MSVOA\_D/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0802SBS02

Quant Time: Aug 03 00:32:34 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D072924S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 30 03:50:47 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.405  | 41   | 15713    | 21.989  | ug/l   | 90       |
| 42) 1,2-Dichloroethane        | 8.322  | 62   | 55386    | 23.095  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.357  | 43   | 59448    | 24.348  | ug/l # | 90       |
| 44) Trichloroethene           | 9.028  | 130  | 53677    | 21.426  | ug/l   | 90       |
| 45) 1,2-Dichloropropane       | 9.299  | 63   | 57085    | 23.308  | ug/l   | 98       |
| 46) Dibromomethane            | 9.393  | 93   | 30567    | 22.513  | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.581  | 83   | 75989    | 22.793  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.375  | 41   | 24011    | 21.974  | ug/l   | 91       |
| 49) 1,4-Dioxane               | 9.387  | 88   | 7100     | 504.664 | ug/l # | 87       |
| 51) 4-Methyl-2-Pentanone      | 10.157 | 43   | 156489   | 125.537 | ug/l   | 93       |
| 52) Toluene                   | 10.334 | 92   | 140221   | 22.528  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.551 | 75   | 68495    | 22.248  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.016 | 75   | 81404    | 21.982  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 10.728 | 97   | 42199    | 23.594  | ug/l   | 91       |
| 56) Ethyl methacrylate        | 10.593 | 69   | 49881    | 23.537  | ug/l   | 89       |
| 57) 1,3-Dichloropropane       | 10.875 | 76   | 69748    | 22.949  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.869  | 63   | 113156   | 115.782 | ug/l   | 92       |
| 59) 2-Hexanone                | 10.922 | 43   | 106353   | 122.332 | ug/l   | 93       |
| 60) Dibromochloromethane      | 11.069 | 129  | 51813    | 22.176  | ug/l   | 96       |
| 61) 1,2-Dibromoethane         | 11.175 | 107  | 37896    | 22.617  | ug/l   | 97       |
| 64) Tetrachloroethene         | 10.810 | 164  | 45742    | 21.235  | ug/l   | 93       |
| 65) Chlorobenzene             | 11.604 | 112  | 156390   | 22.108  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.681 | 131  | 52489    | 22.553  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.681 | 91   | 251167   | 21.689  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.793 | 106  | 200931   | 43.735  | ug/l   | 93       |
| 69) o-Xylene                  | 12.116 | 106  | 91452    | 21.717  | ug/l   | 88       |
| 70) Styrene                   | 12.134 | 104  | 166347   | 22.531  | ug/l   | 96       |
| 71) Bromoform                 | 12.298 | 173  | 29550    | 22.459  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.422 | 105  | 237153   | 22.316  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.228 | 43   | 57316    | 24.798  | ug/l   | 90       |
| 75) 1,1,2,2-Tetrachloroethane | 12.669 | 83   | 49184    | 24.093  | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane    | 12.716 | 75   | 60271    | 43.879  | ug/l # | 100      |
| 77) Bromobenzene              | 12.698 | 156  | 58193    | 22.085  | ug/l   | 87       |
| 78) n-propylbenzene           | 12.763 | 91   | 295426   | 22.491  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.845 | 91   | 165062   | 22.568  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 12.898 | 105  | 199700   | 22.814  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.469 | 75   | 16760    | 23.272  | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 12.945 | 91   | 176182   | 23.107  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.163 | 119  | 170750   | 22.305  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.210 | 105  | 203654   | 22.689  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.340 | 105  | 259841   | 22.318  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.457 | 119  | 220290   | 22.326  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.457 | 146  | 120154   | 22.014  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.534 | 146  | 120993   | 22.548  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.787 | 91   | 203275   | 22.251  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.051 | 117  | 46522    | 22.845  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 13.828 | 146  | 105237   | 22.560  | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.445 | 75   | 6605     | 24.316  | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 15.092 | 180  | 63051    | 21.453  | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.198 | 225  | 33629    | 21.201  | ug/l   | 98       |
| 95) Naphthalene               | 15.328 | 128  | 117501   | 23.099  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.516 | 180  | 56093    | 21.697  | ug/l   | 97       |

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Sample : VD0802SBS01  
Misc : 5.00G/5.0ml/MSVOA\_D/SOIL  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0802SBS02

Quant Time: Aug 03 00:32:34 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D072924S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jul 30 03:50:47 2024  
Response via : Initial Calibration

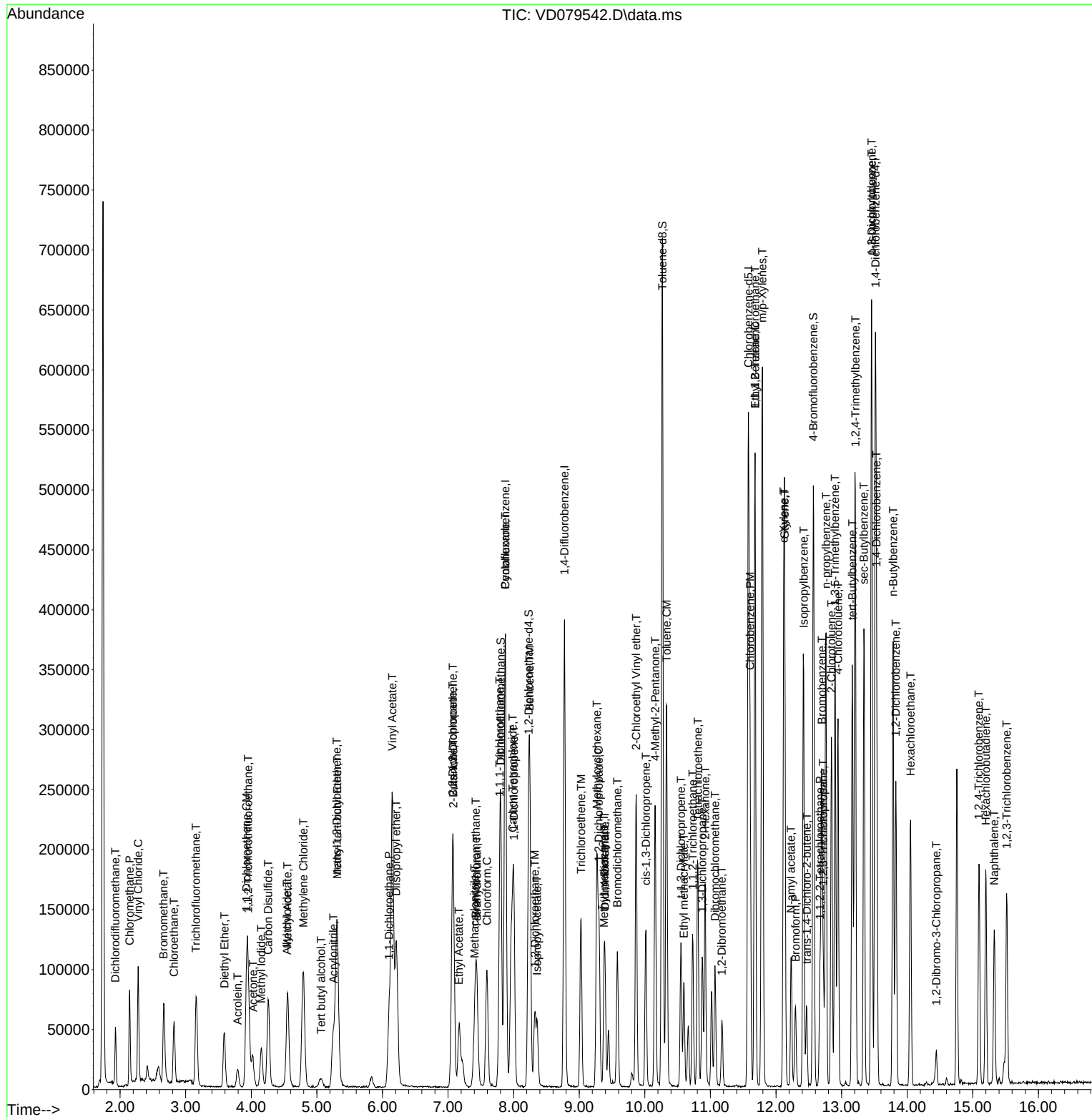
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

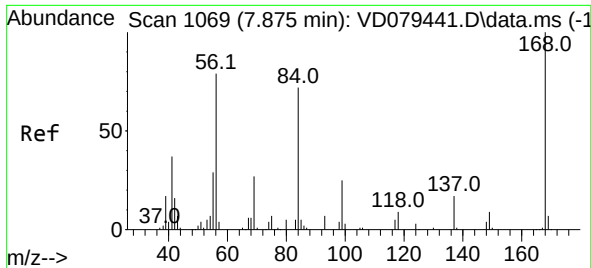
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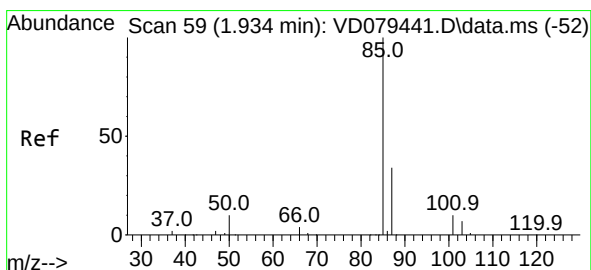
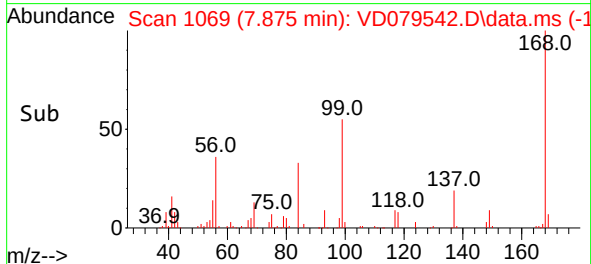
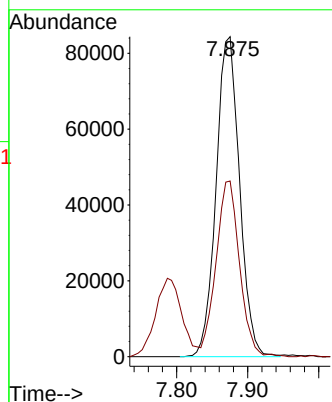
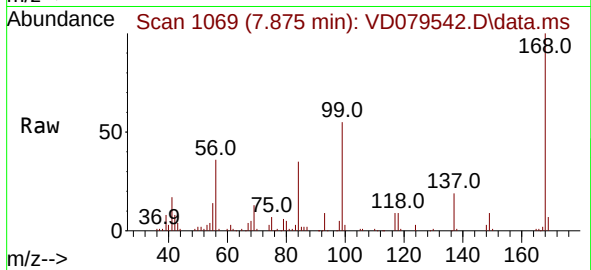




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.875 min Scan# 1069  
Delta R.T. 0.000 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

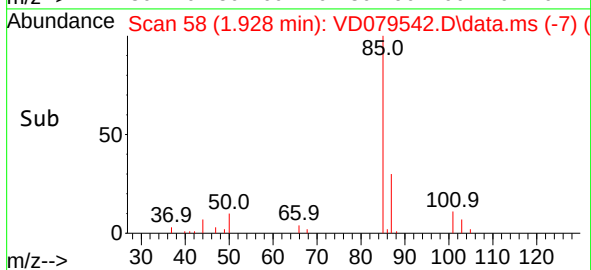
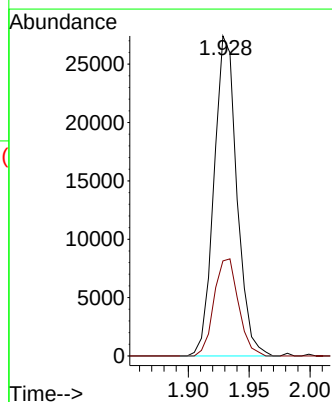
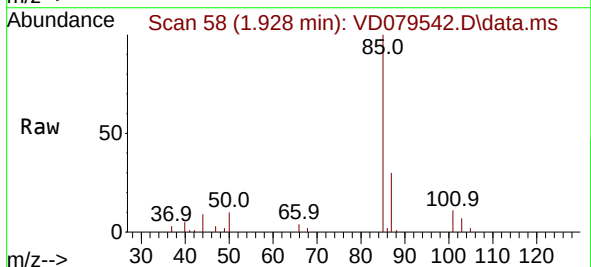
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0802SBS02

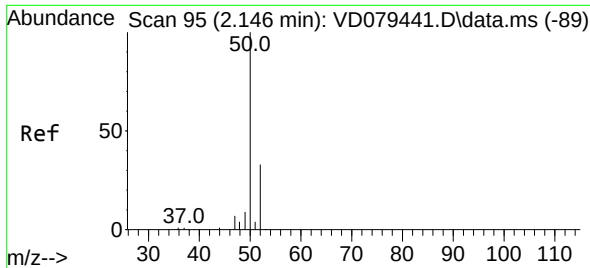
Tgt Ion:168 Resp: 193429  
Ion Ratio Lower Upper  
168 100  
99 54.5 41.1 61.7



#2  
Dichlorodifluoromethane  
Concen: 23.725 ug/l  
RT: 1.928 min Scan# 58  
Delta R.T. 0.000 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

Tgt Ion: 85 Resp: 35957  
Ion Ratio Lower Upper  
85 100  
87 29.7 16.0 48.0

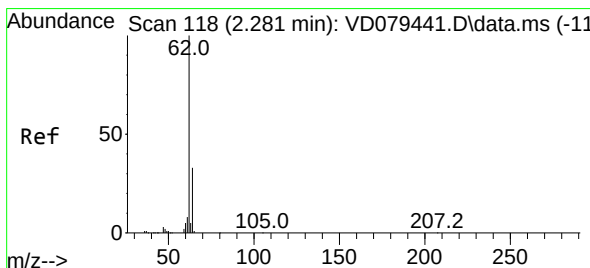
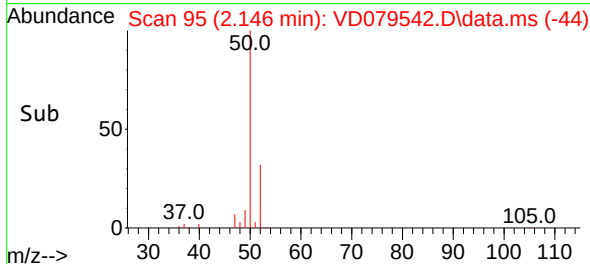
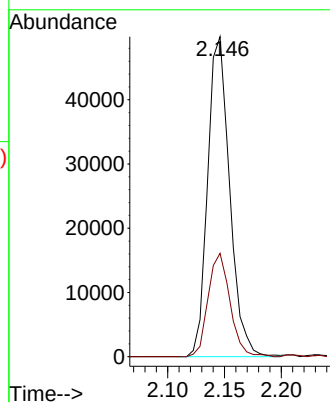
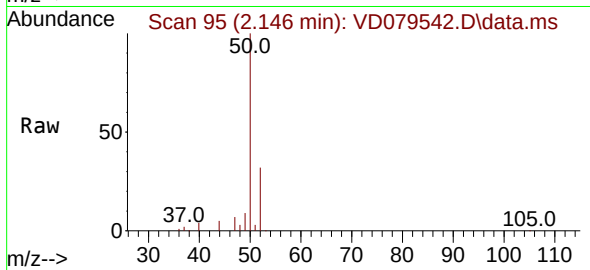




#3  
Chloromethane  
Concen: 24.010 ug/l  
RT: 2.146 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

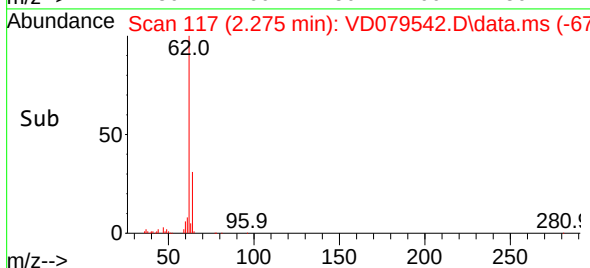
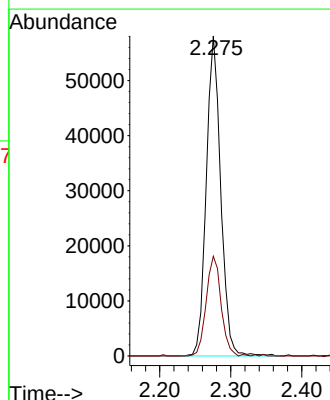
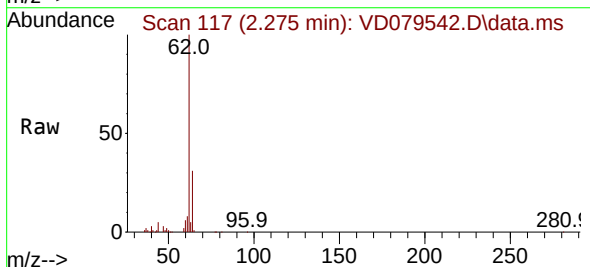
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0802SBS02

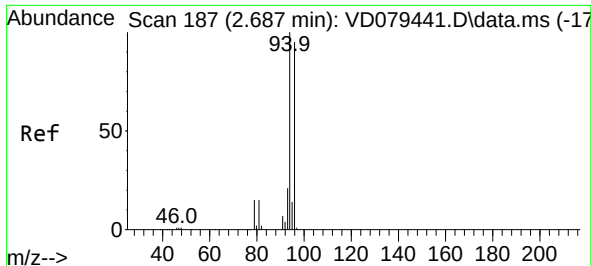
Tgt Ion: 50 Resp: 67048  
Ion Ratio Lower Upper  
50 100  
52 32.3 28.2 42.2



#4  
Vinyl Chloride  
Concen: 24.776 ug/l  
RT: 2.275 min Scan# 117  
Delta R.T. -0.006 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

Tgt Ion: 62 Resp: 82263  
Ion Ratio Lower Upper  
62 100  
64 31.1 26.3 39.5

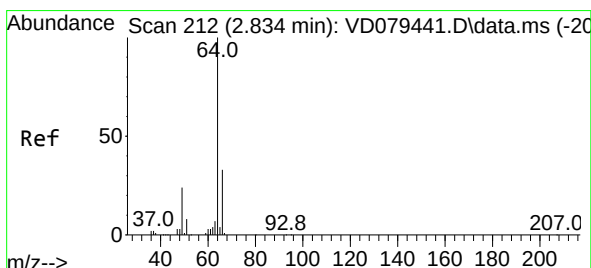
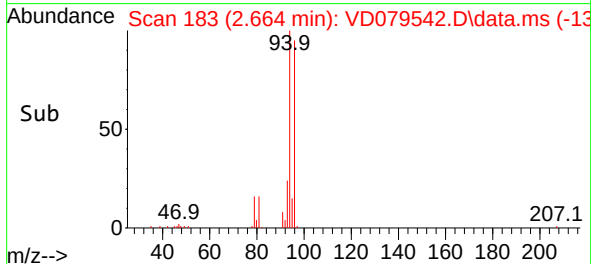
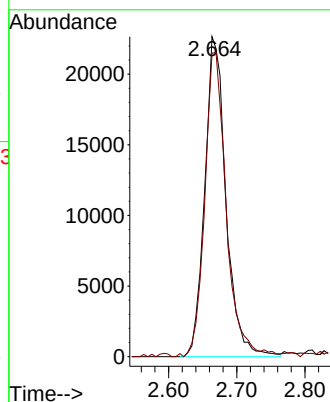
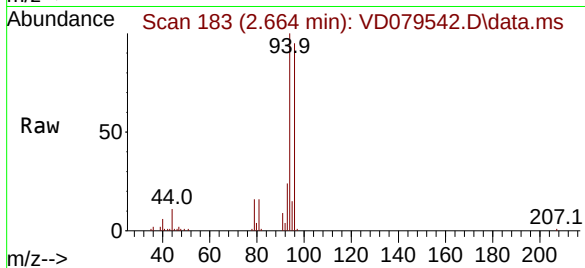




#5  
Bromomethane  
Concen: 21.846 ug/l  
RT: 2.664 min Scan# 11  
Delta R.T. -0.023 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

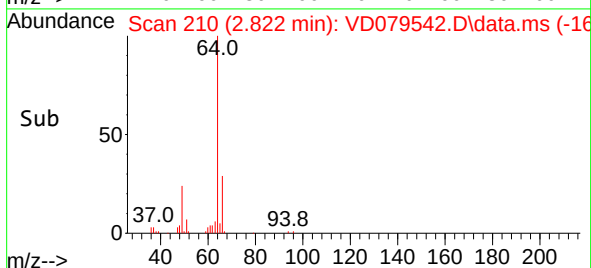
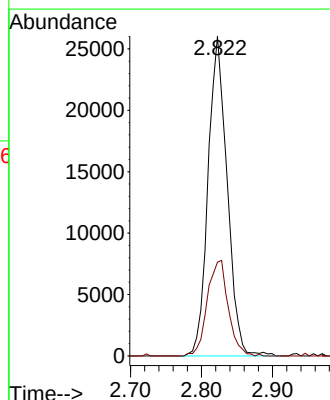
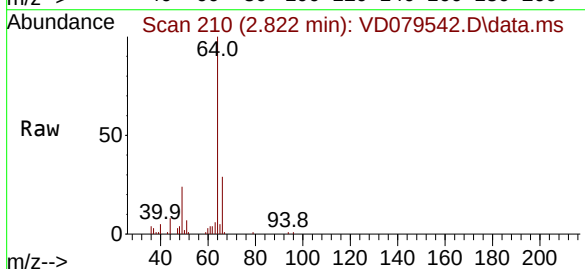
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0802SBS02

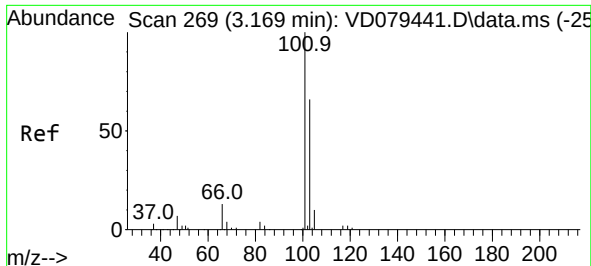
Tgt Ion: 94 Resp: 48891  
Ion Ratio Lower Upper  
94 100  
96 96.9 76.9 115.3



#6  
Chloroethane  
Concen: 22.804 ug/l  
RT: 2.822 min Scan# 210  
Delta R.T. -0.006 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

Tgt Ion: 64 Resp: 48655  
Ion Ratio Lower Upper  
64 100  
66 29.3 24.5 36.7

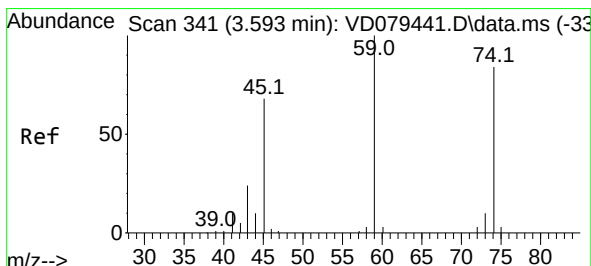
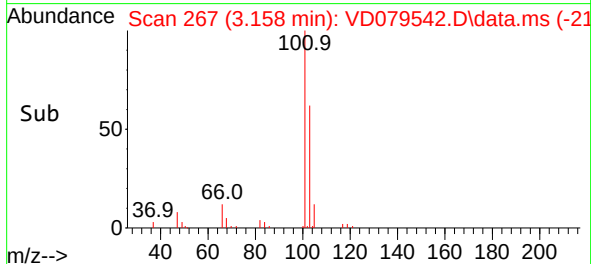
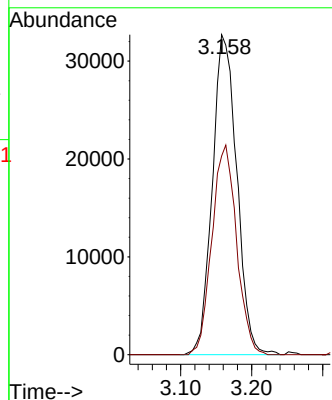
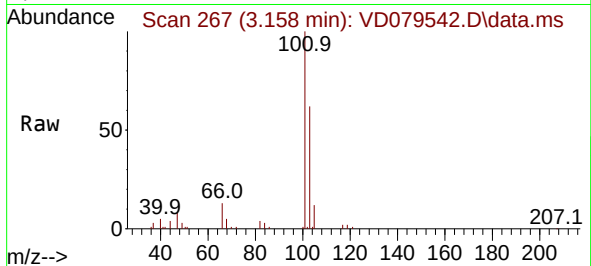




#7  
Trichlorofluoromethane  
Concen: 23.641 ug/l  
RT: 3.158 min Scan# 267  
Delta R.T. -0.012 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

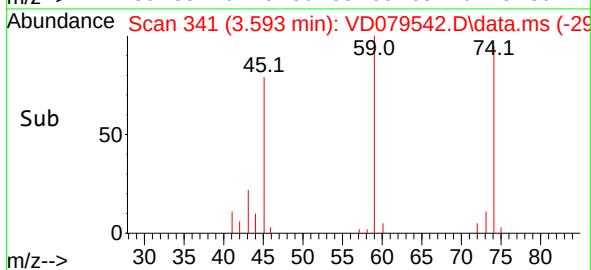
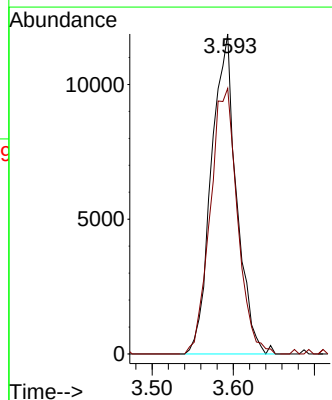
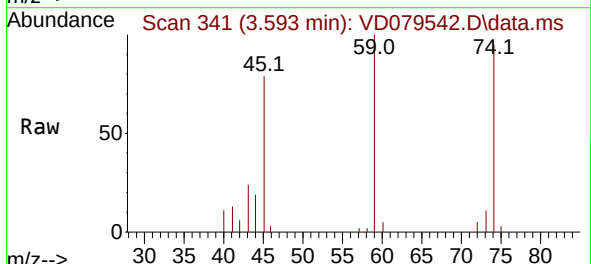
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0802SBS02

Tgt Ion:101 Resp: 78064  
Ion Ratio Lower Upper  
101 100  
103 62.1 53.2 79.8

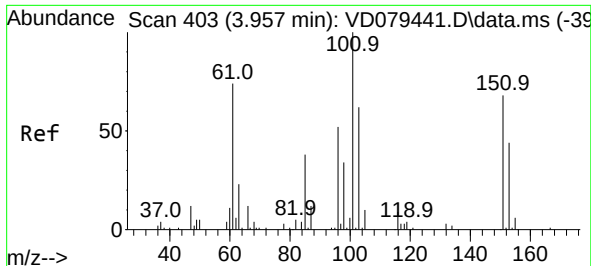


#8  
Diethyl Ether  
Concen: 25.628 ug/l  
RT: 3.593 min Scan# 341  
Delta R.T. 0.000 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

Tgt Ion: 74 Resp: 25563  
Ion Ratio Lower Upper  
74 100  
45 89.9 37.9 113.6



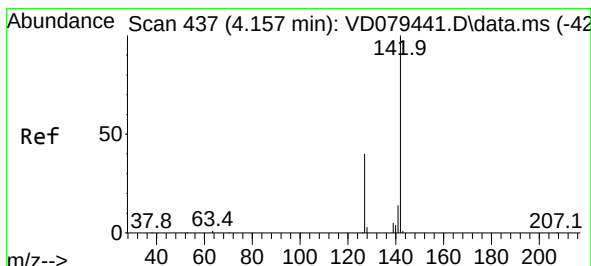
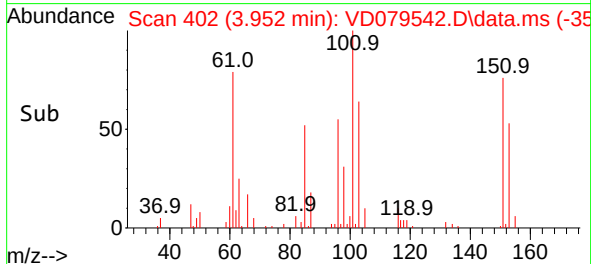
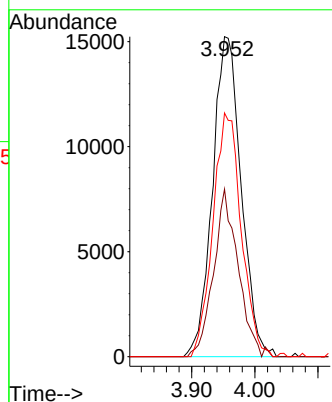
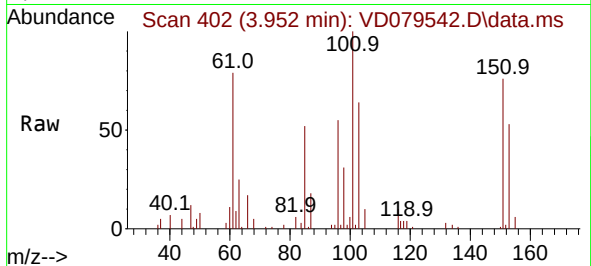




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 23.002 ug/l  
RT: 3.952 min Scan# 403  
Delta R.T. -0.012 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

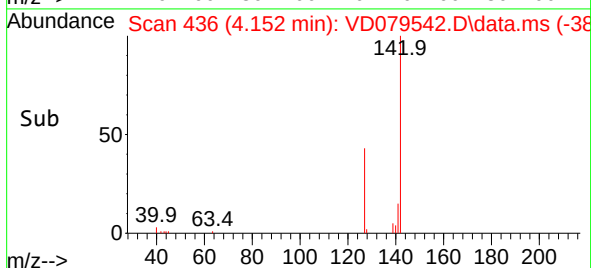
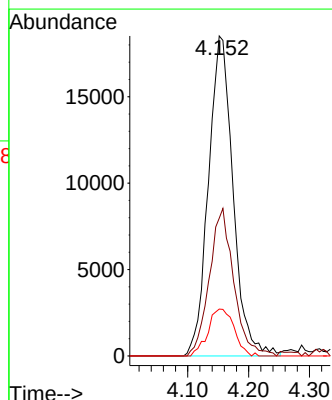
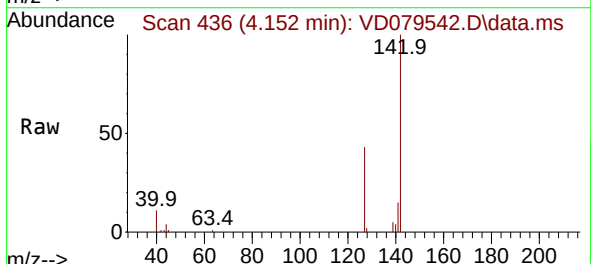
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0802SBS02

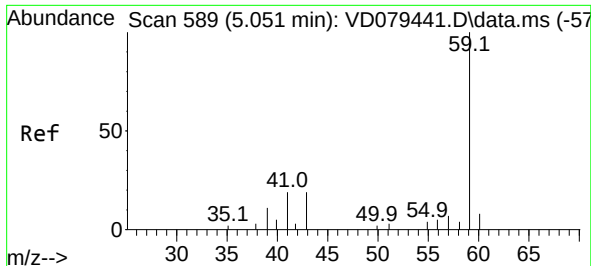
Tgt Ion:101 Resp: 48039  
Ion Ratio Lower Upper  
101 100  
85 44.4 33.5 50.3  
151 75.0 60.3 90.5



#10  
Methyl Iodide  
Concen: 22.058 ug/l  
RT: 4.152 min Scan# 436  
Delta R.T. -0.000 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

Tgt Ion:142 Resp: 52057  
Ion Ratio Lower Upper  
142 100  
127 45.6 34.2 51.4  
141 15.6 11.7 17.5

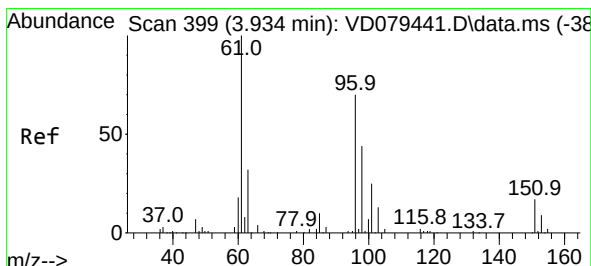
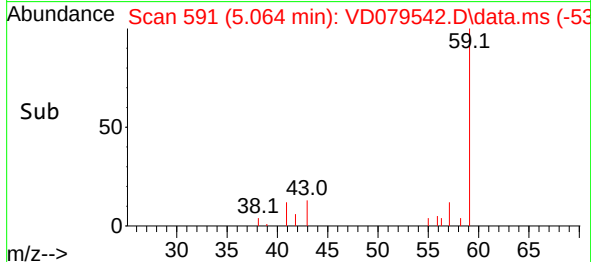
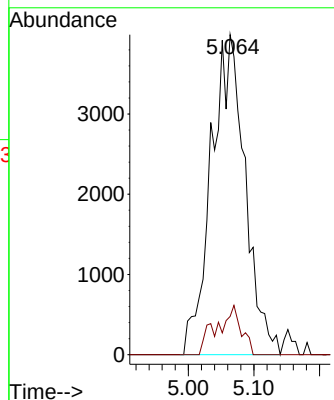
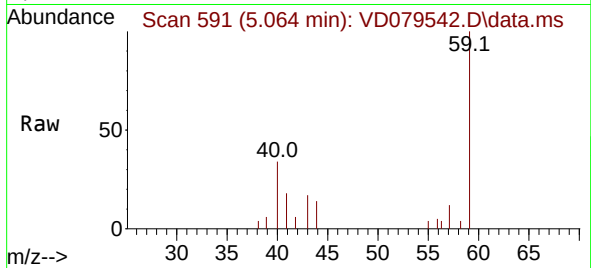




#11  
Tert butyl alcohol  
Concen: 163.154 ug/l  
RT: 5.064 min Scan# 591  
Delta R.T. 0.018 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

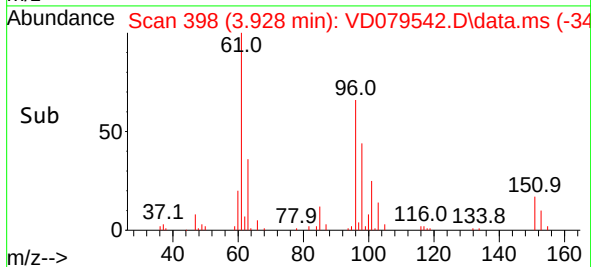
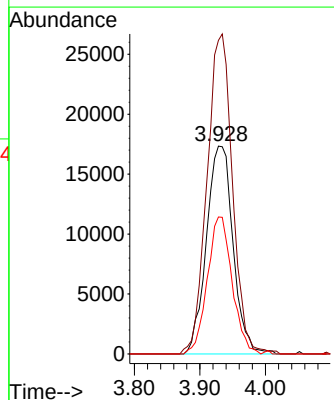
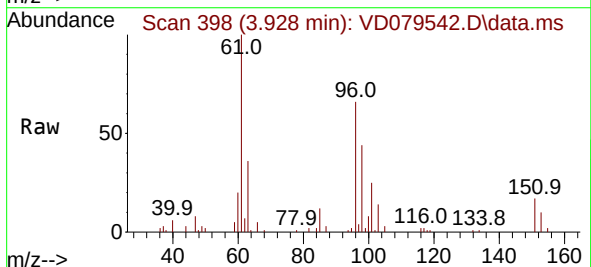
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0802SBS02

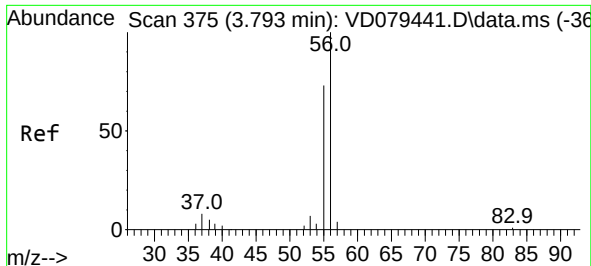
Tgt Ion: 59 Resp: 14341  
Ion Ratio Lower Upper  
59 100  
57 6.5 3.6 5.4#



#12  
1,1-Dichloroethene  
Concen: 23.443 ug/l  
RT: 3.928 min Scan# 398  
Delta R.T. -0.000 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

Tgt Ion: 96 Resp: 48995  
Ion Ratio Lower Upper  
96 100  
61 150.9 107.3 160.9  
98 65.9 51.7 77.5





#13

Acrolein

Concen: 131.184 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD079542.D

Acq: 02 Aug 2024 15:10

Instrument :

MSVOA\_D

ClientSampleId :

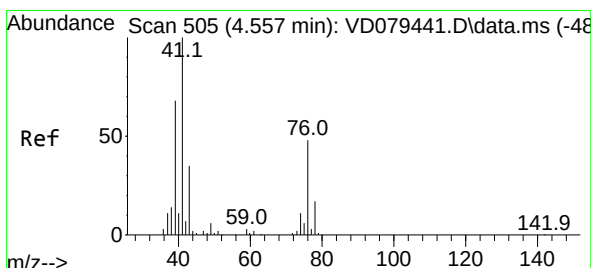
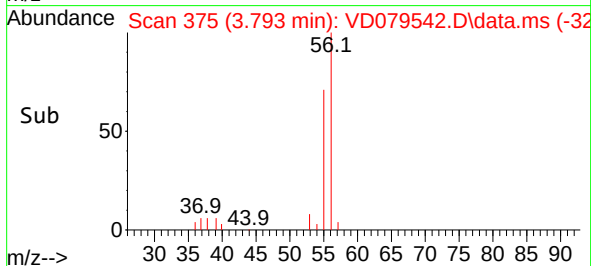
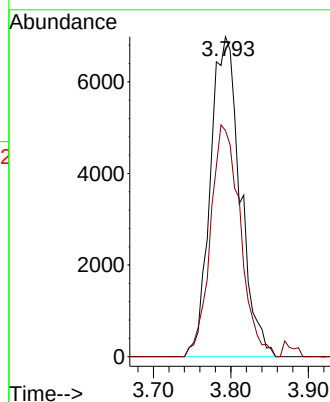
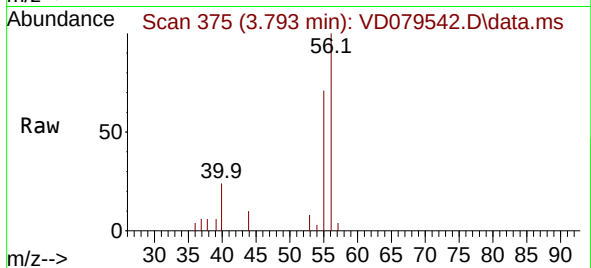
VD0802SBS02

Tgt Ion: 56 Resp: 18675

Ion Ratio Lower Upper

56 100

55 72.4 55.3 82.9



#14

Allyl chloride

Concen: 23.776 ug/l

RT: 4.546 min Scan# 503

Delta R.T. -0.006 min

Lab File: VD079542.D

Acq: 02 Aug 2024 15:10

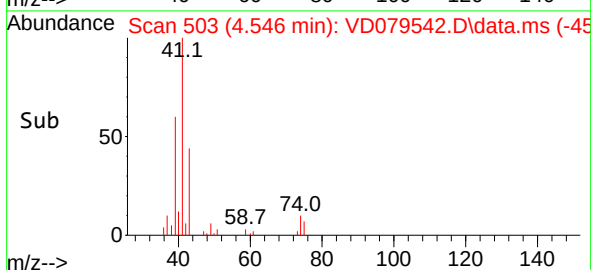
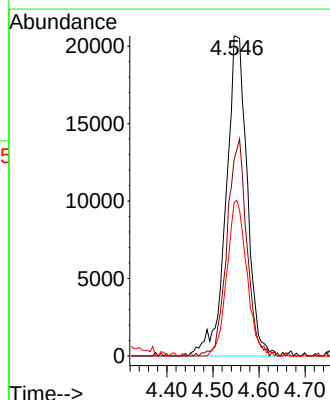
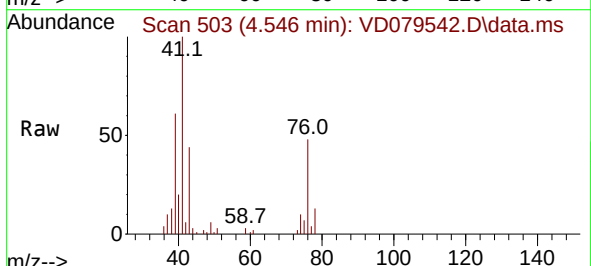
Tgt Ion: 41 Resp: 65616

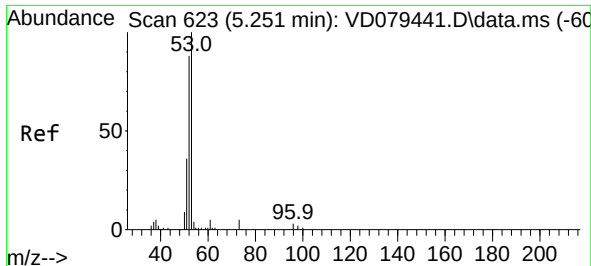
Ion Ratio Lower Upper

41 100

39 63.3 58.0 87.0

76 46.2 45.9 68.9

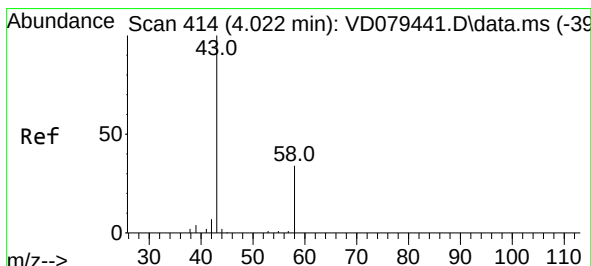
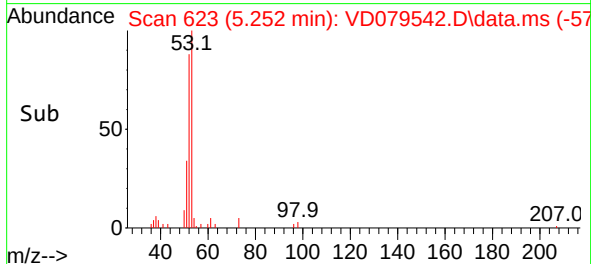
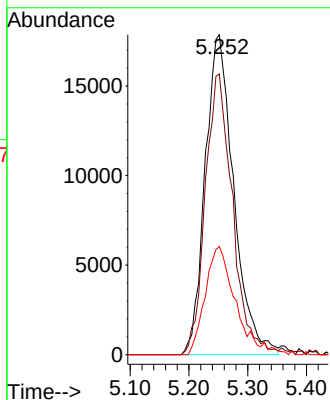
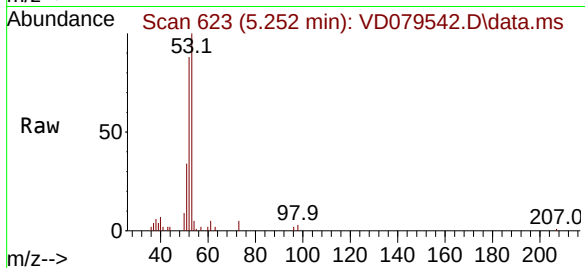




#15  
Acrylonitrile  
Concen: 129.521 ug/l  
RT: 5.252 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

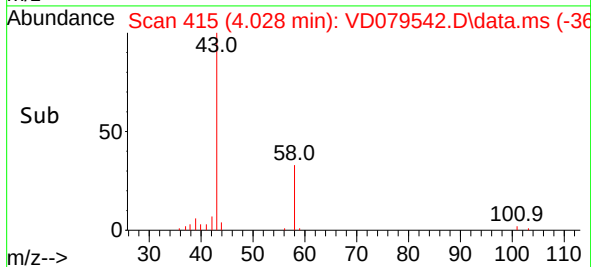
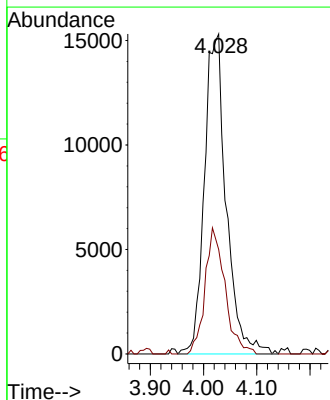
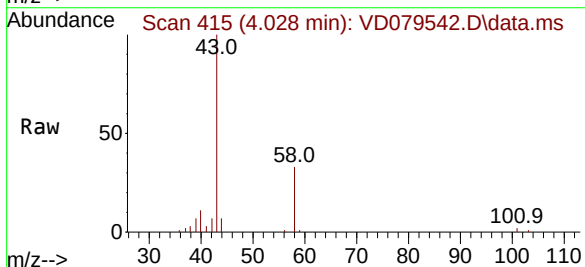
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0802SBS02

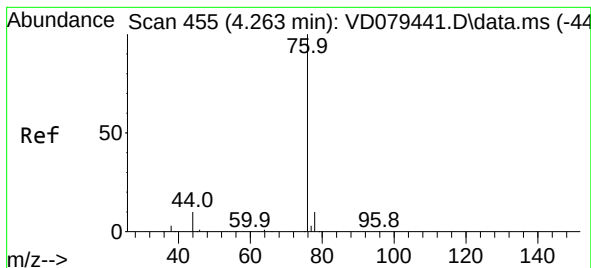
Tgt Ion: 53 Resp: 60369  
Ion Ratio Lower Upper  
53 100  
52 83.5 67.7 101.5  
51 35.8 28.6 42.8



#16  
Acetone  
Concen: 113.891 ug/l  
RT: 4.028 min Scan# 415  
Delta R.T. 0.006 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

Tgt Ion: 43 Resp: 43494  
Ion Ratio Lower Upper  
43 100  
58 32.6 30.4 45.6





#17

Carbon Disulfide

Concen: 21.864 ug/l

RT: 4.258 min Scan# 4

Delta R.T. -0.006 min

Lab File: VD079542.D

Acq: 02 Aug 2024 15:10

Instrument :

MSVOA\_D

ClientSampleId :

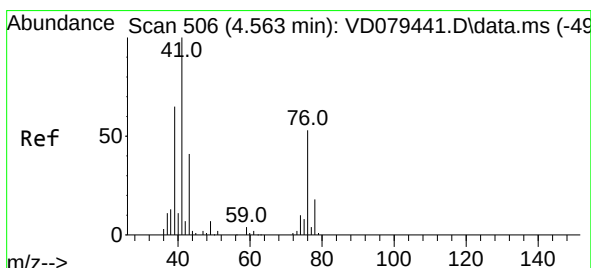
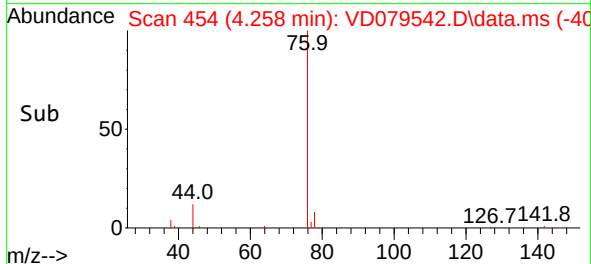
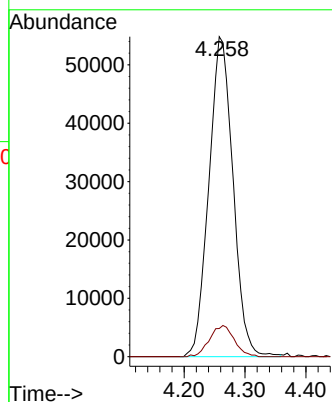
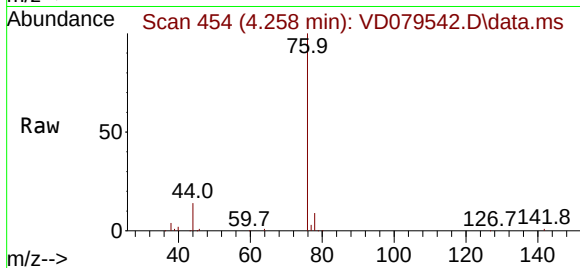
VD0802SBS02

Tgt Ion: 76 Resp: 150833

Ion Ratio Lower Upper

76 100

78 8.8 6.9 10.3



#18

Methyl Acetate

Concen: 27.053 ug/l

RT: 4.552 min Scan# 504

Delta R.T. -0.018 min

Lab File: VD079542.D

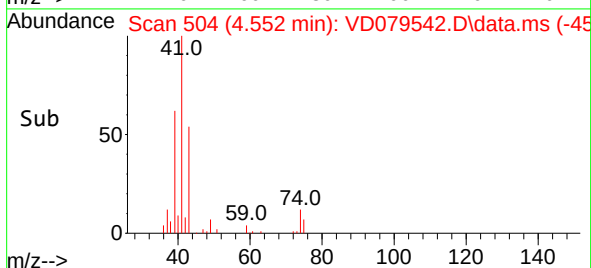
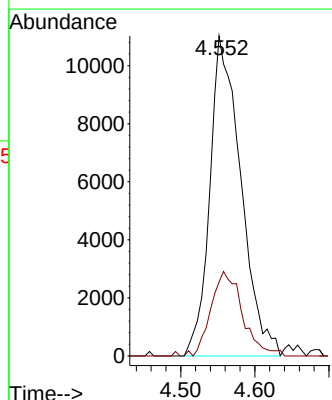
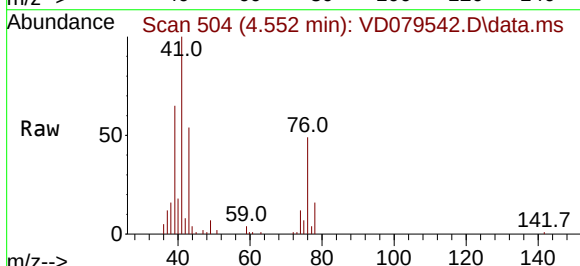
Acq: 02 Aug 2024 15:10

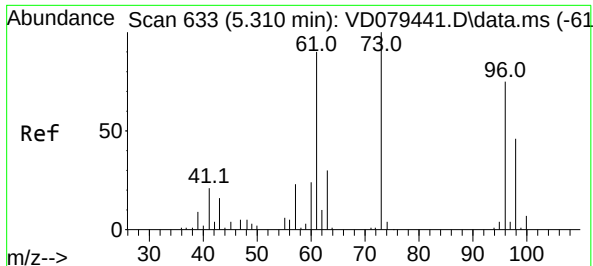
Tgt Ion: 43 Resp: 32077

Ion Ratio Lower Upper

43 100

74 26.8 28.1 42.1#

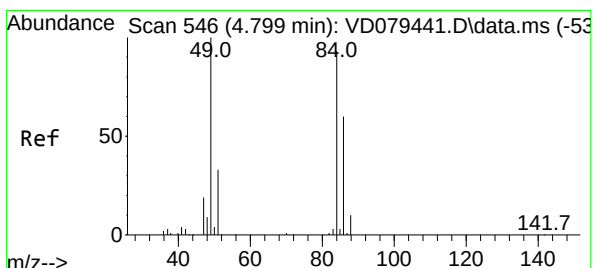
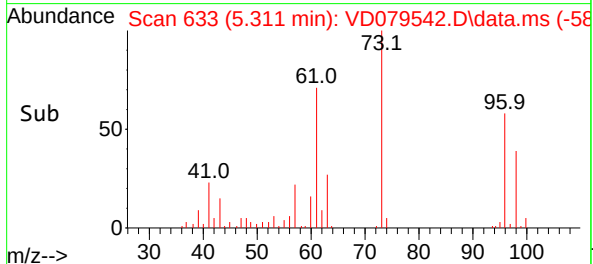
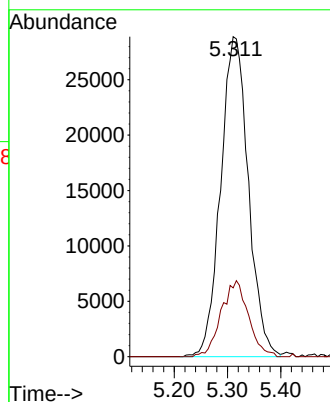
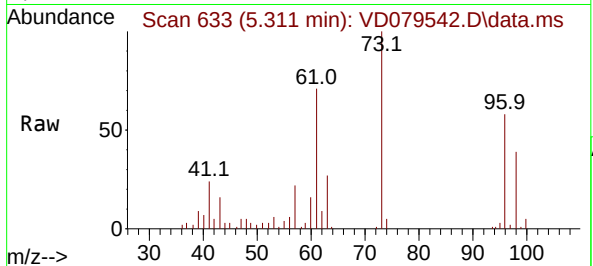




#19  
Methyl tert-butyl Ether  
Concen: 24.461 ug/l  
RT: 5.311 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

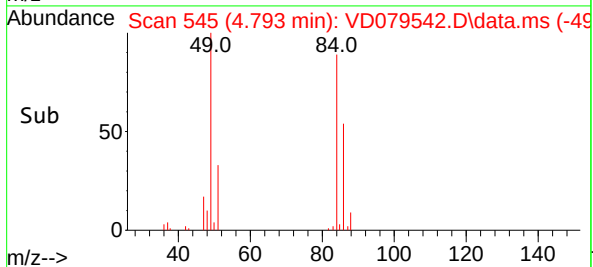
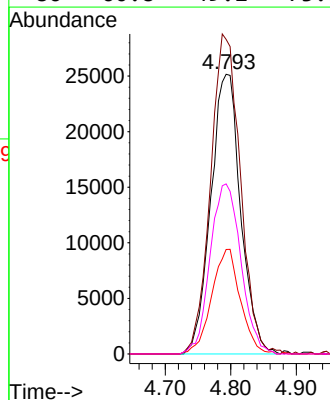
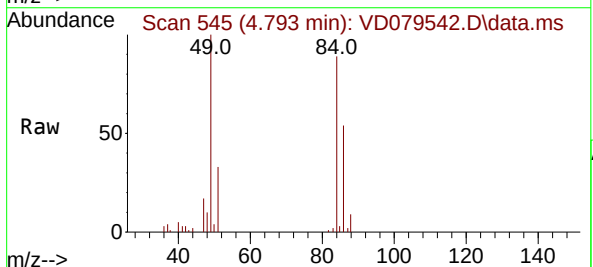
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0802SBS02

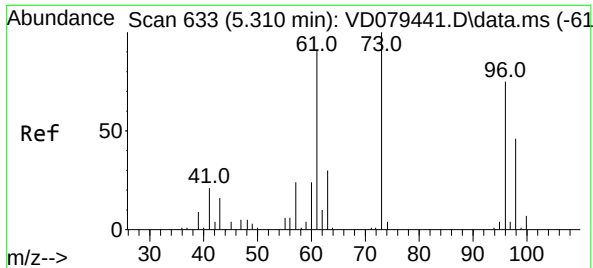
Tgt Ion: 73 Resp: 104352  
Ion Ratio Lower Upper  
73 100  
57 21.5 18.3 27.5



#20  
Methylene Chloride  
Concen: 19.590 ug/l  
RT: 4.793 min Scan# 545  
Delta R.T. -0.006 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

Tgt Ion: 84 Resp: 79515  
Ion Ratio Lower Upper  
84 100  
49 112.5 75.6 113.4  
51 37.4 24.2 36.2#  
86 60.8 49.2 73.8

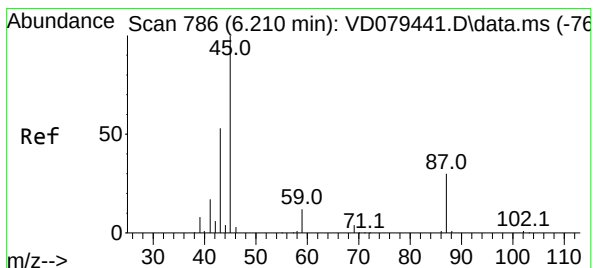
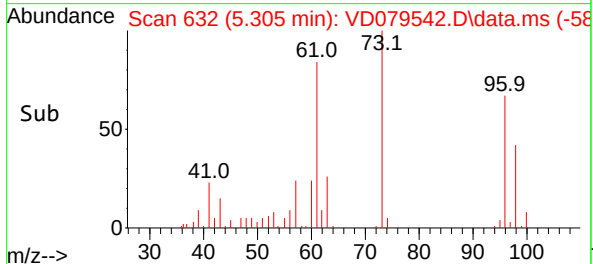
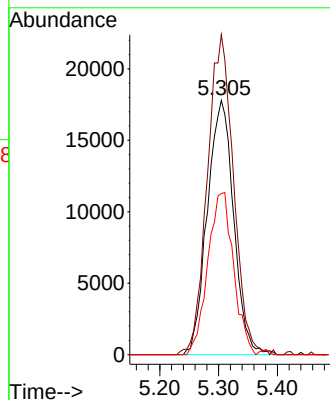
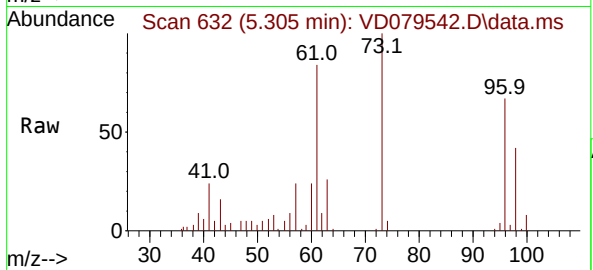




#21  
trans-1,2-Dichloroethene  
Concen: 23.588 ug/l  
RT: 5.305 min Scan# 611  
Delta R.T. -0.006 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

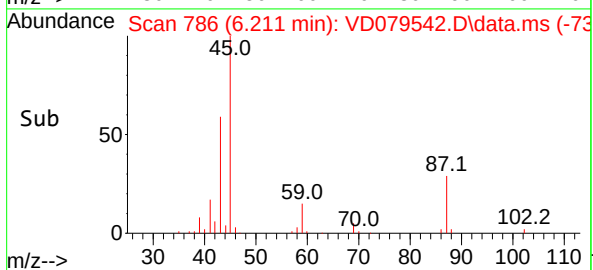
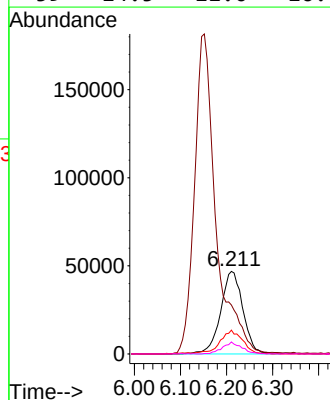
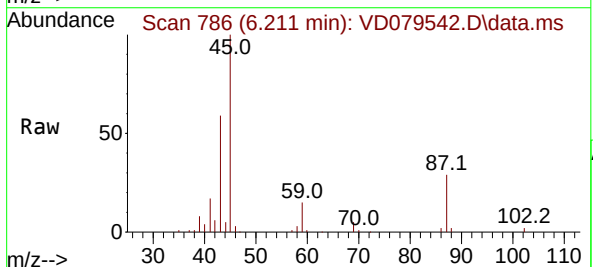
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0802SBS02

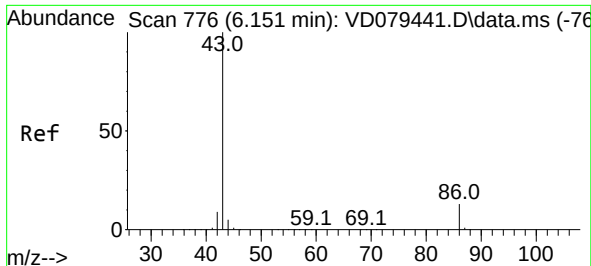
Tgt Ion: 96 Resp: 55380  
Ion Ratio Lower Upper  
96 100  
61 125.9 84.5 126.7  
98 63.4 50.5 75.7



#22  
Diisopropyl ether  
Concen: 25.617 ug/l  
RT: 6.211 min Scan# 786  
Delta R.T. 0.000 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

Tgt Ion: 45 Resp: 157302  
Ion Ratio Lower Upper  
45 100  
43 57.7 41.7 62.5  
87 28.9 30.2 45.2#  
59 14.5 11.0 16.6

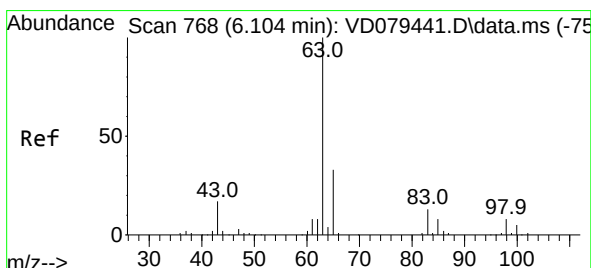
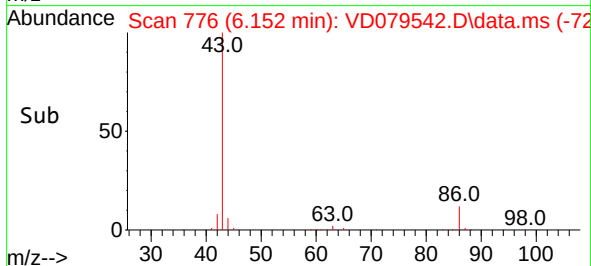
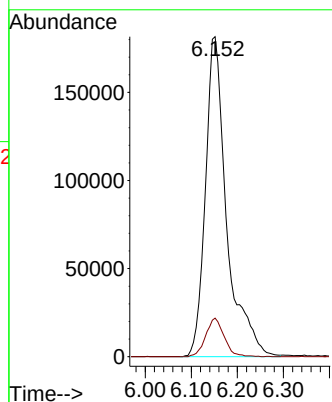
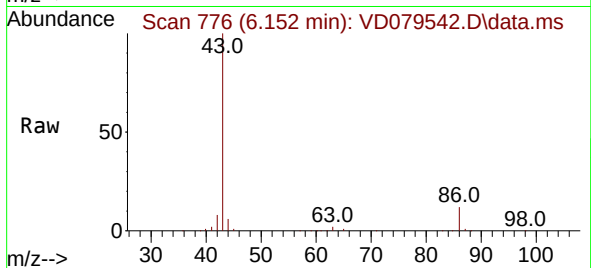




#23  
 Vinyl Acetate  
 Concen: 126.844 ug/l  
 RT: 6.152 min Scan# 71  
 Delta R.T. 0.000 min  
 Lab File: VD079542.D  
 Acq: 02 Aug 2024 15:10

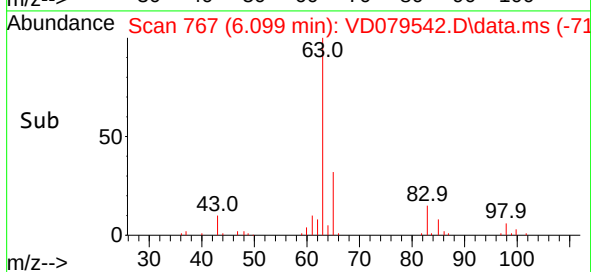
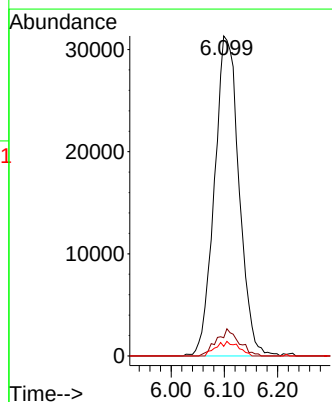
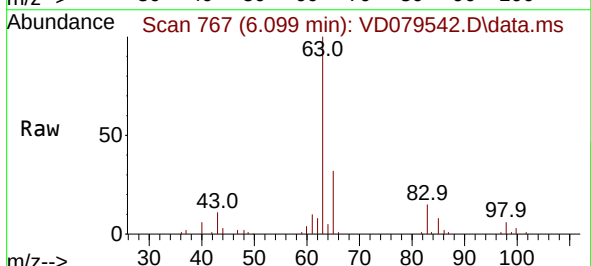
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0802SBS02

Tgt Ion: 43 Resp: 585500  
 Ion Ratio Lower Upper  
 43 100  
 86 12.0 12.3 18.5#

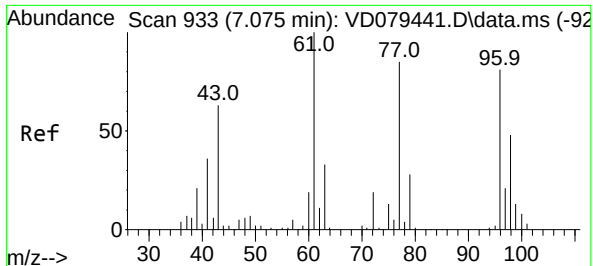


#24  
 1,1-Dichloroethane  
 Concen: 24.389 ug/l  
 RT: 6.099 min Scan# 767  
 Delta R.T. -0.006 min  
 Lab File: VD079542.D  
 Acq: 02 Aug 2024 15:10

Tgt Ion: 63 Resp: 100362  
 Ion Ratio Lower Upper  
 63 100  
 98 5.7 4.7 14.0  
 100 3.0 2.9 8.6



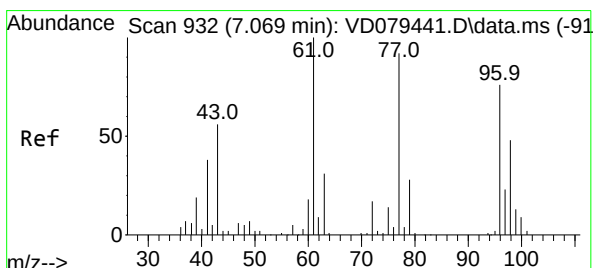
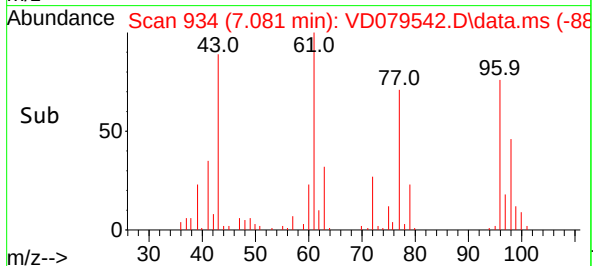
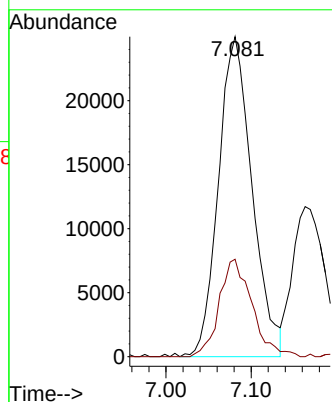
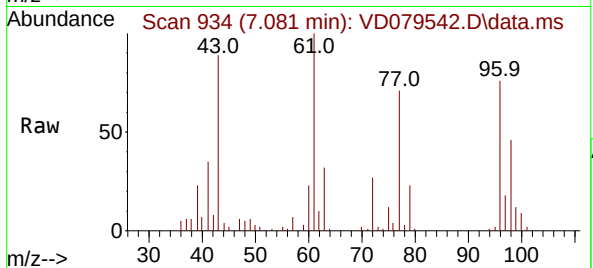




#25  
2-Butanone  
Concen: 126.723 ug/l  
RT: 7.081 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

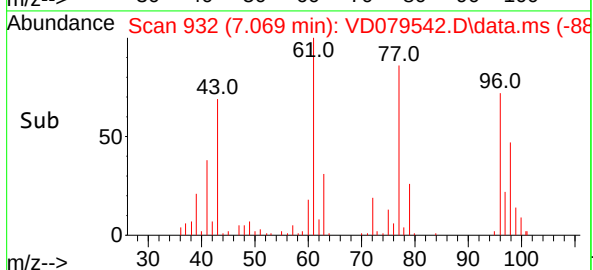
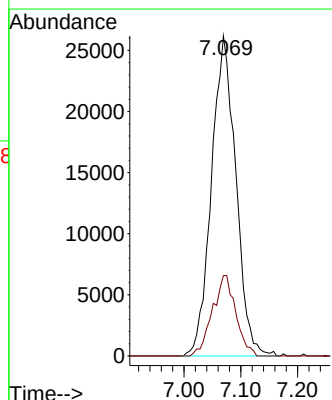
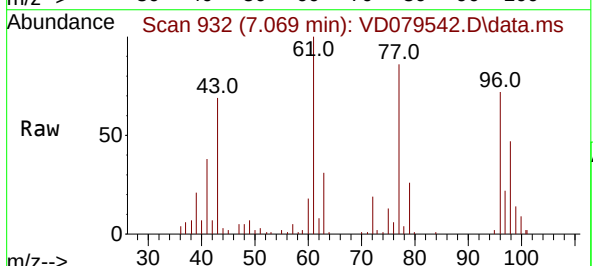
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0802SBS02

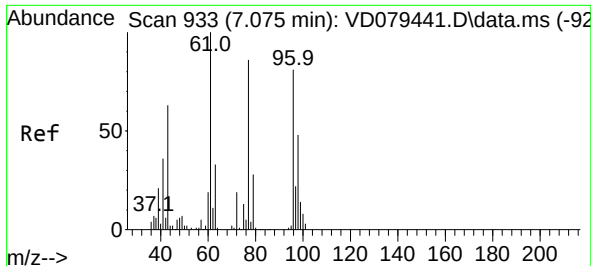
Tgt Ion: 43 Resp: 68610  
Ion Ratio Lower Upper  
43 100  
72 30.5 26.4 39.6



#26  
2,2-Dichloropropane  
Concen: 23.469 ug/l  
RT: 7.069 min Scan# 932  
Delta R.T. -0.012 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

Tgt Ion: 77 Resp: 78117  
Ion Ratio Lower Upper  
77 100  
97 24.1 12.4 37.2

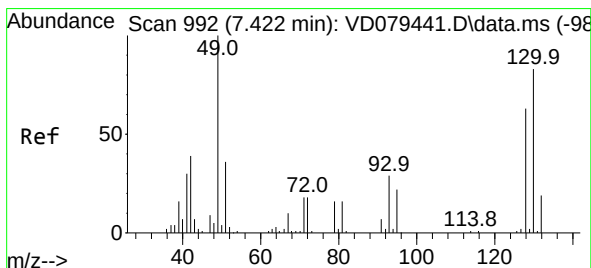
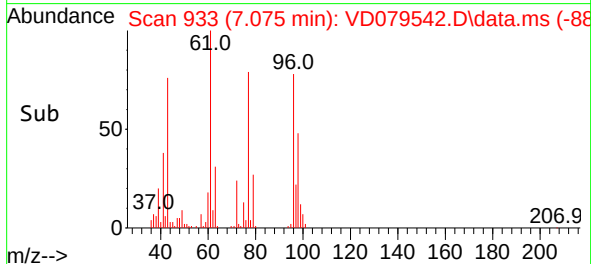
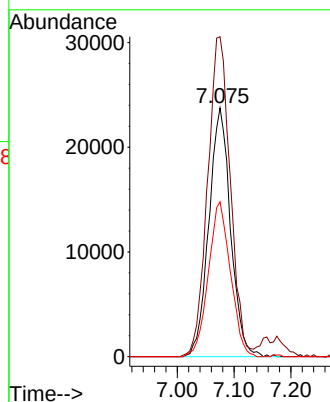
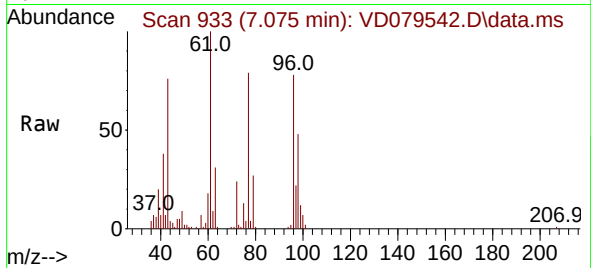




#27  
cis-1,2-Dichloroethene  
Concen: 23.477 ug/l  
RT: 7.075 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

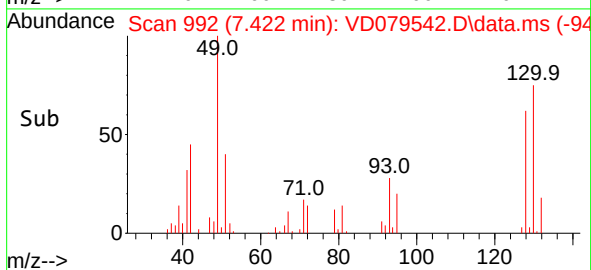
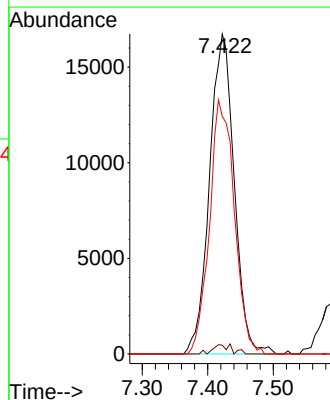
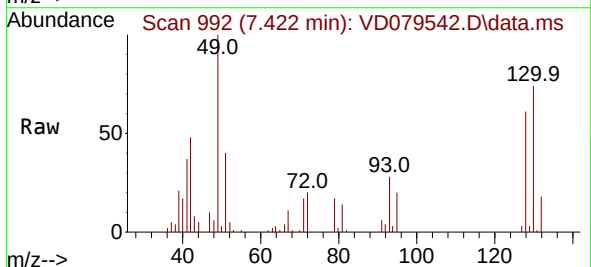
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0802SBS02

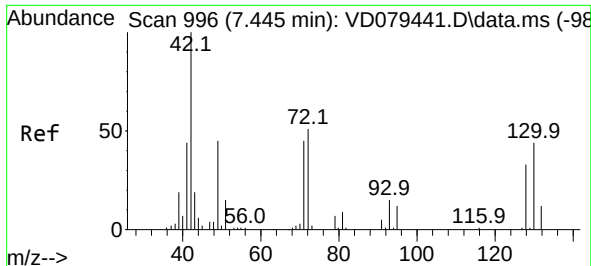
Tgt Ion: 96 Resp: 63004  
Ion Ratio Lower Upper  
96 100  
61 134.3 0.0 229.0  
98 63.2 0.0 127.2



#28  
Bromochloromethane  
Concen: 24.240 ug/l  
RT: 7.422 min Scan# 992  
Delta R.T. 0.006 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

Tgt Ion: 49 Resp: 43740  
Ion Ratio Lower Upper  
49 100  
129 2.3 0.0 7.0  
130 79.7 87.7 131.5#





#29

Tetrahydrofuran

Concen: 132.414 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD079542.D

Acq: 02 Aug 2024 15:10

Instrument :

MSVOA\_D

ClientSampleId :

VD0802SBS02

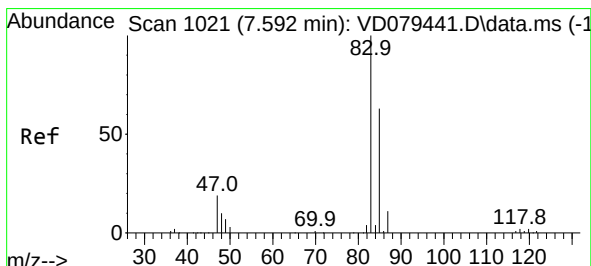
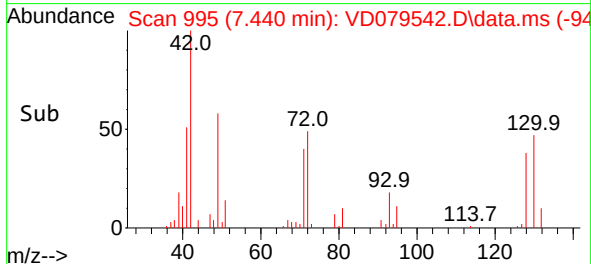
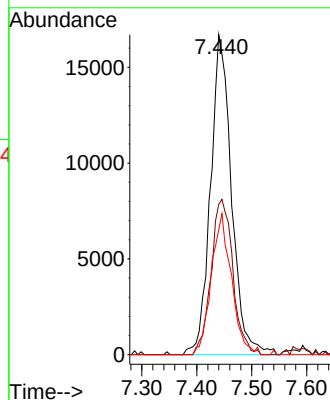
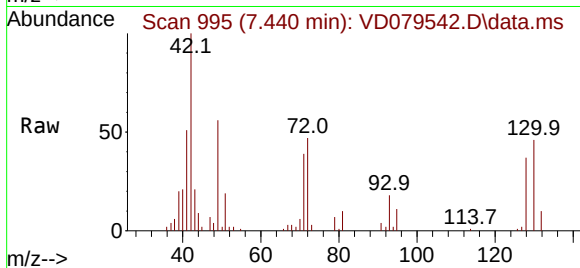
Tgt Ion: 42 Resp: 44429

Ion Ratio Lower Upper

42 100

72 50.0 49.4 74.0

71 42.5 45.0 67.6#



#30

Chloroform

Concen: 24.468 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD079542.D

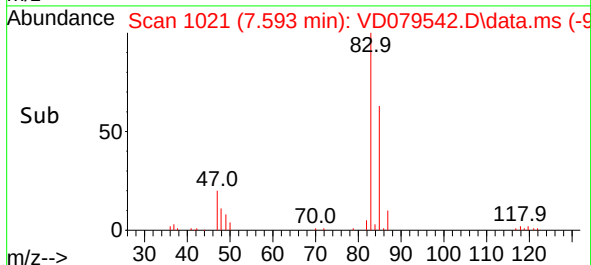
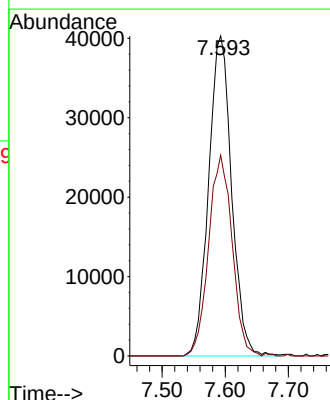
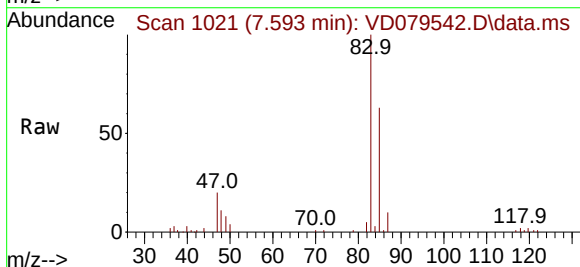
Acq: 02 Aug 2024 15:10

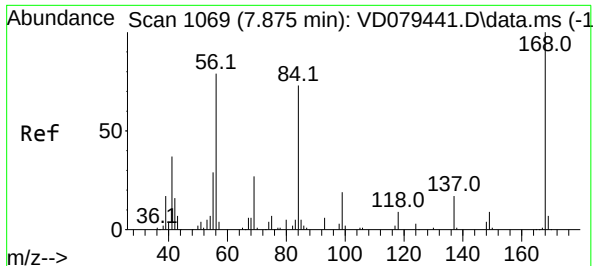
Tgt Ion: 83 Resp: 101964

Ion Ratio Lower Upper

83 100

85 62.8 51.8 77.6

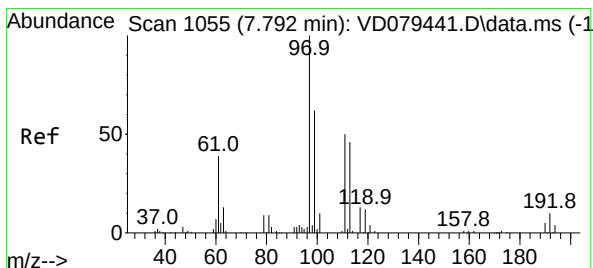
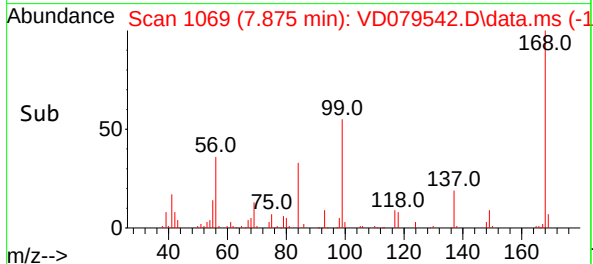
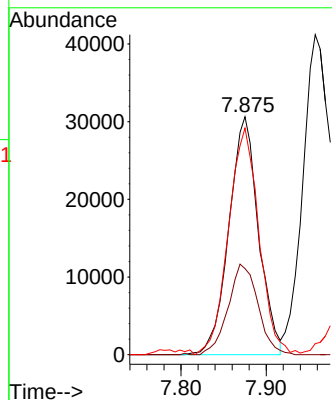
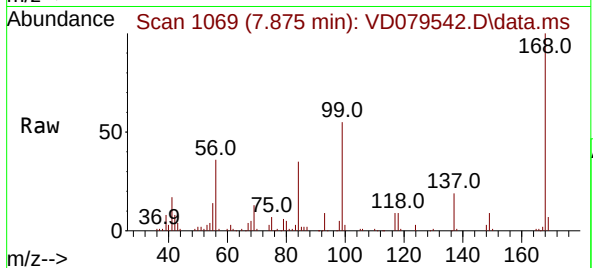




#31  
Cyclohexane  
Concen: 22.596 ug/l  
RT: 7.875 min Scan# 1069  
Delta R.T. -0.006 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

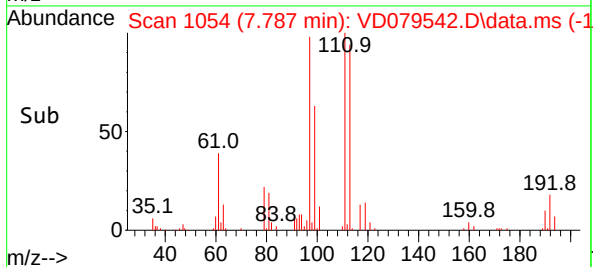
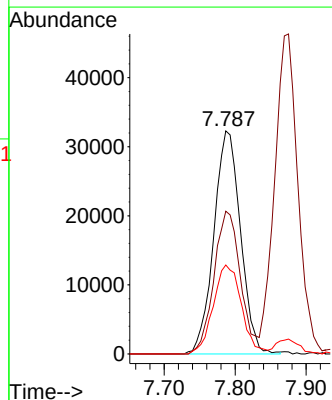
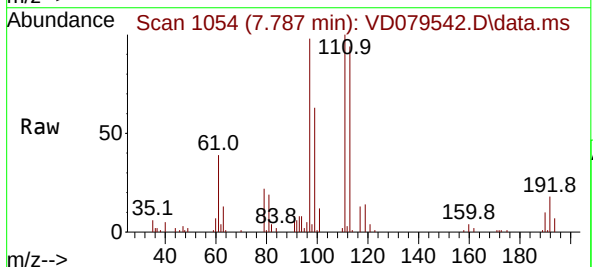
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0802SBS02

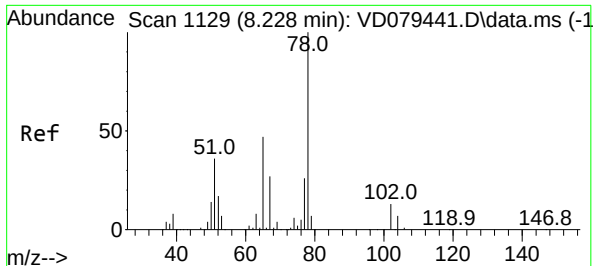
Tgt Ion: 56 Resp: 73743  
Ion Ratio Lower Upper  
56 100  
69 36.2 28.0 42.0  
84 93.3 87.4 131.0



#32  
1,1,1-Trichloroethane  
Concen: 24.472 ug/l  
RT: 7.787 min Scan# 1054  
Delta R.T. -0.006 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

Tgt Ion: 97 Resp: 84149  
Ion Ratio Lower Upper  
97 100  
99 63.8 51.3 76.9  
61 42.1 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 61.263 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079542.D

Acq: 02 Aug 2024 15:10

Instrument :

MSVOA\_D

ClientSampleId :

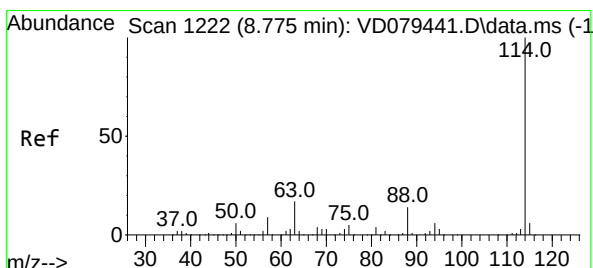
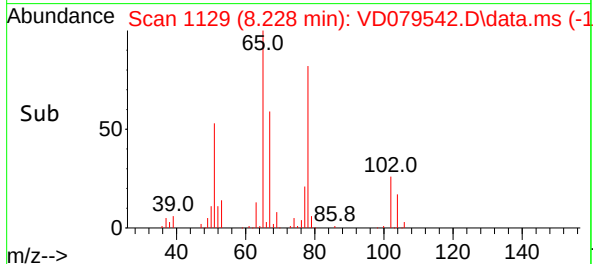
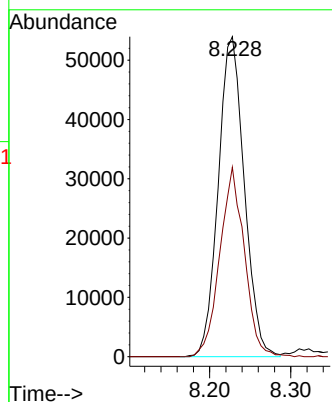
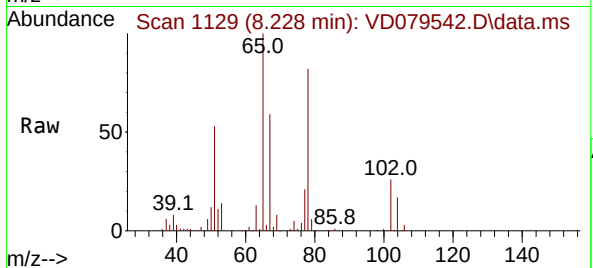
VD0802SBS02

Tgt Ion: 65 Resp: 120386

Ion Ratio Lower Upper

65 100

67 56.0 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079542.D

Acq: 02 Aug 2024 15:10

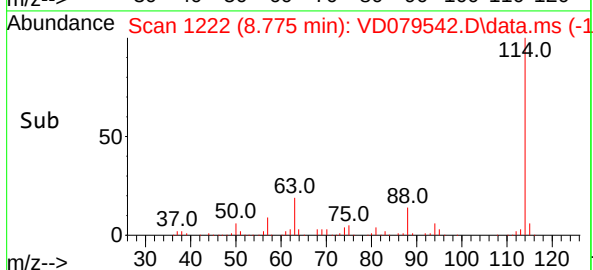
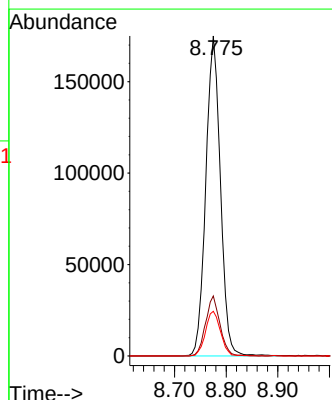
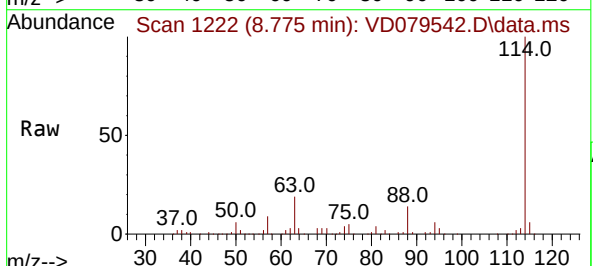
Tgt Ion: 114 Resp: 342985

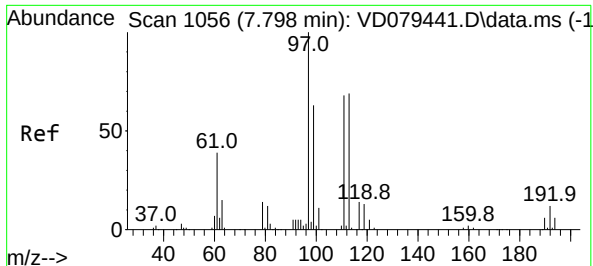
Ion Ratio Lower Upper

114 100

63 18.8 0.0 34.0

88 14.0 0.0 27.2





#35

Dibromofluoromethane

Concen: 53.927 ug/l

RT: 7.805 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VD079542.D

Acq: 02 Aug 2024 15:10

Instrument :

MSVOA\_D

ClientSampleId :

VD0802SBS02

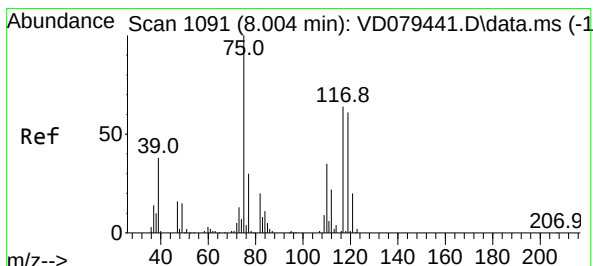
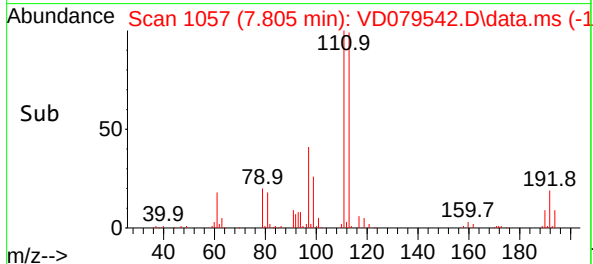
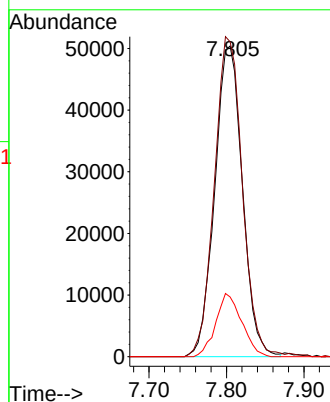
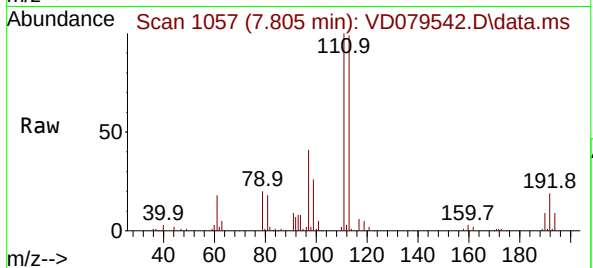
Tgt Ion:113 Resp: 125190

Ion Ratio Lower Upper

113 100

111 104.2 84.0 126.0

192 19.1 15.4 23.0



#36

1,1-Dichloropropene

Concen: 21.639 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD079542.D

Acq: 02 Aug 2024 15:10

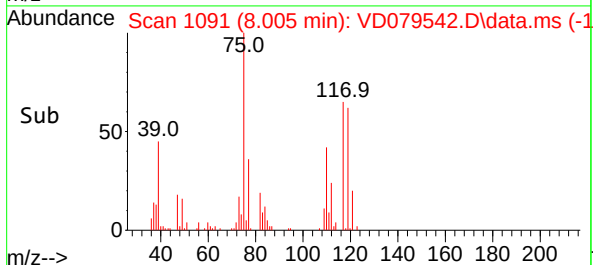
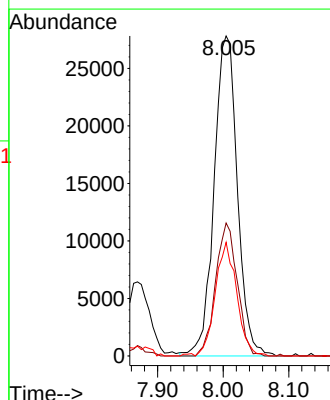
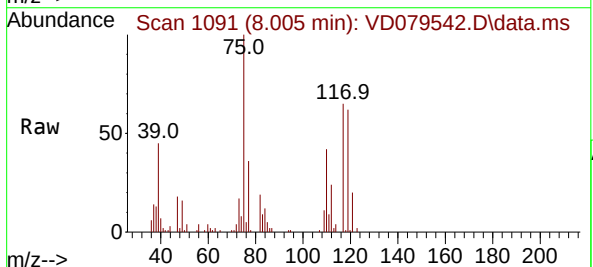
Tgt Ion: 75 Resp: 68564

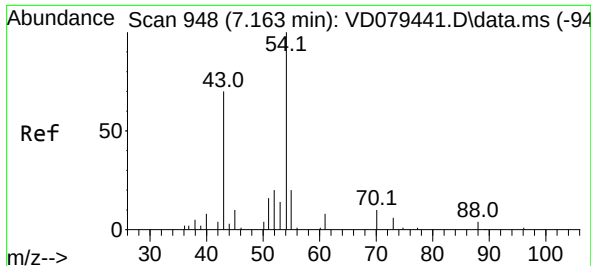
Ion Ratio Lower Upper

75 100

110 38.4 19.6 58.7

77 32.9 26.1 39.1





#37

Ethyl Acetate

Concen: 24.327 ug/l

RT: 7.163 min Scan# 948

Delta R.T. -0.012 min

Lab File: VD079542.D

Acq: 02 Aug 2024 15:10

Instrument :

MSVOA\_D

ClientSampleId :

VD0802SBS02

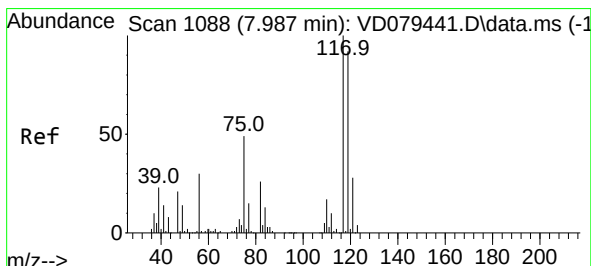
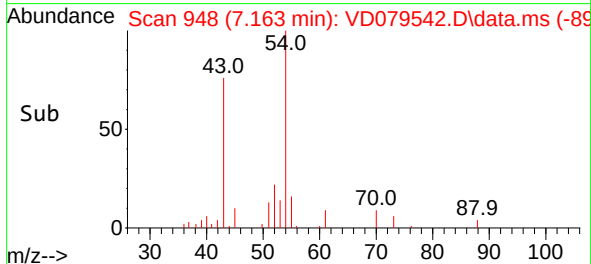
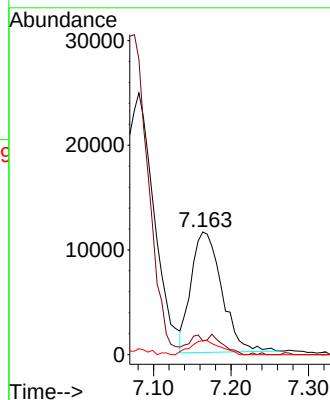
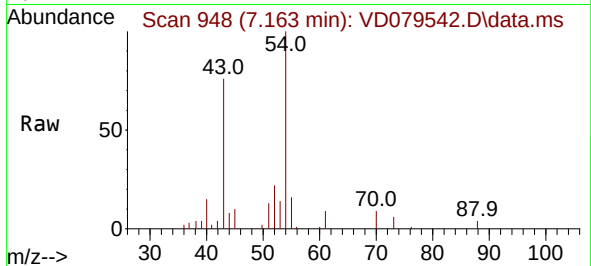
Tgt Ion: 43 Resp: 31604

Ion Ratio Lower Upper

43 100

61 0.0 13.9 20.9#

70 11.4 9.8 14.6



#38

Carbon Tetrachloride

Concen: 22.026 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD079542.D

Acq: 02 Aug 2024 15:10

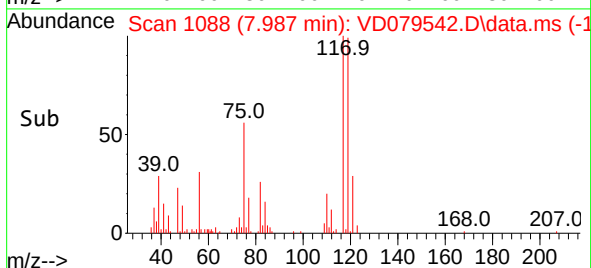
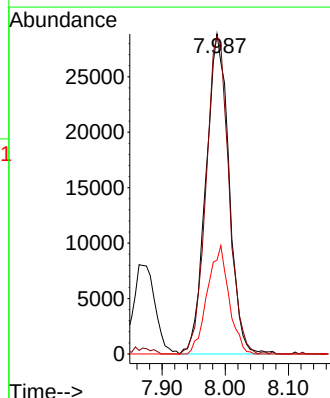
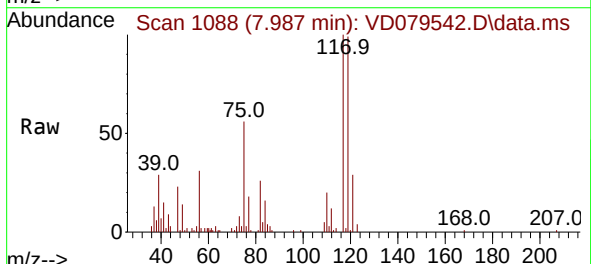
Tgt Ion: 117 Resp: 73368

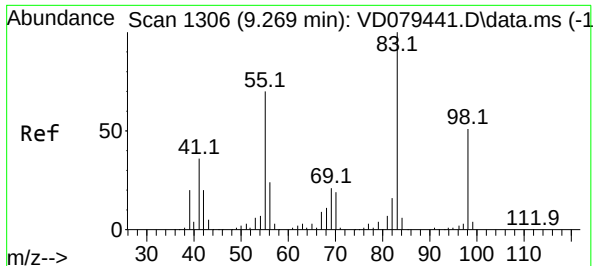
Ion Ratio Lower Upper

117 100

119 99.3 75.4 113.0

121 29.3 25.0 37.4





#39

Methylcyclohexane

Concen: 20.416 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD079542.D

Acq: 02 Aug 2024 15:10

Instrument :

MSVOA\_D

ClientSampleId :

VD0802SBS02

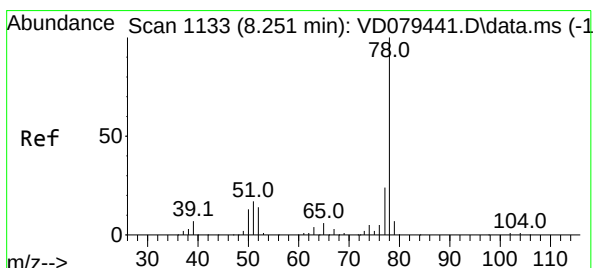
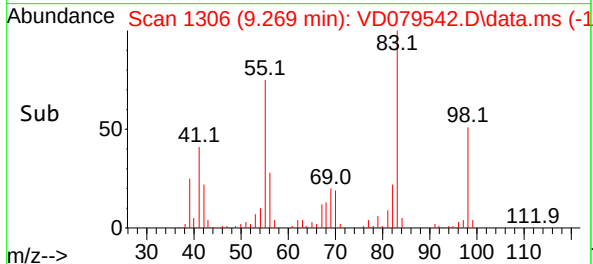
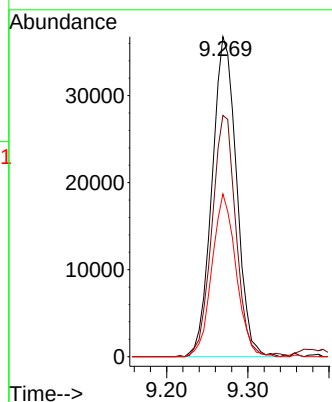
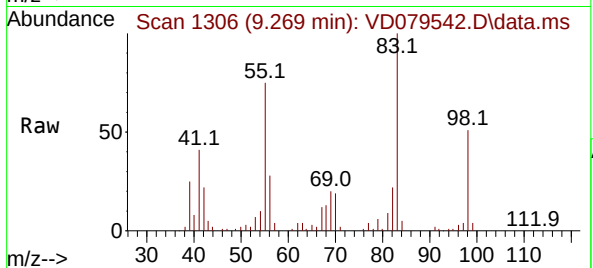
Tgt Ion: 83 Resp: 77186

Ion Ratio Lower Upper

83 100

55 75.0 50.1 75.1

98 50.9 41.9 62.9



#40

Benzene

Concen: 22.391 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VD079542.D

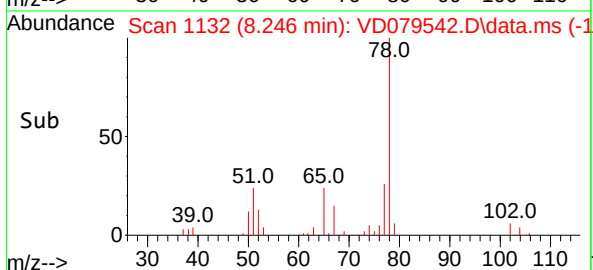
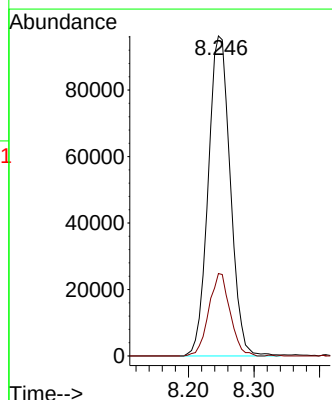
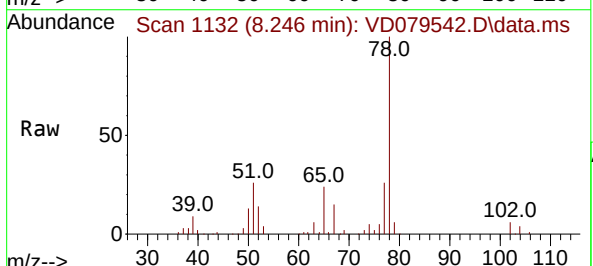
Acq: 02 Aug 2024 15:10

Tgt Ion: 78 Resp: 225342

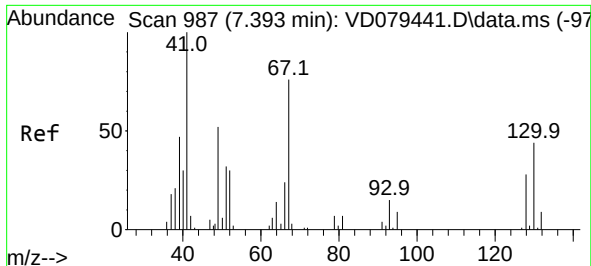
Ion Ratio Lower Upper

78 100

77 25.7 18.1 27.1





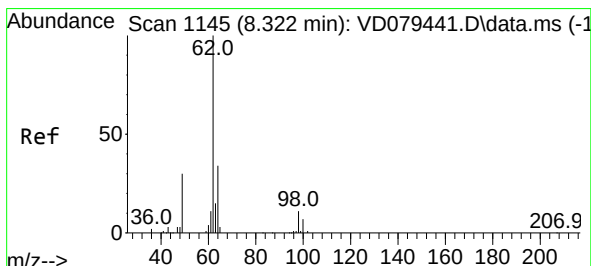
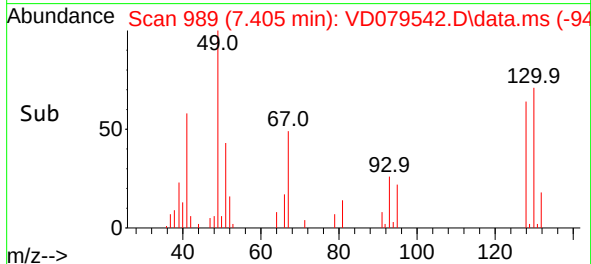
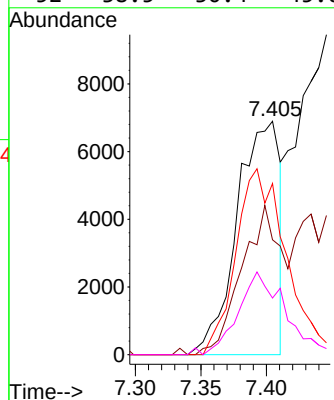
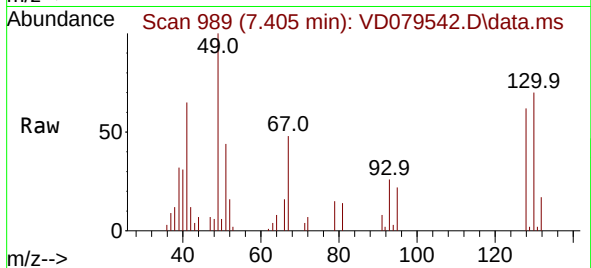


#41  
Methacrylonitrile  
Concen: 21.989 ug/l  
RT: 7.405 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0802SBS02

Tgt Ion: 41 Resp: 15713

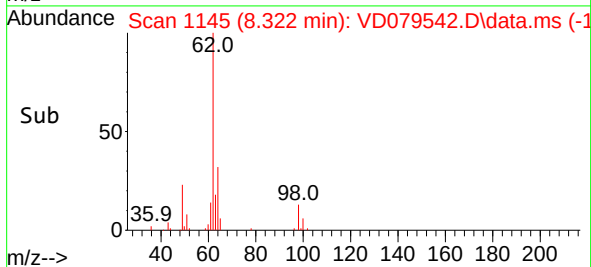
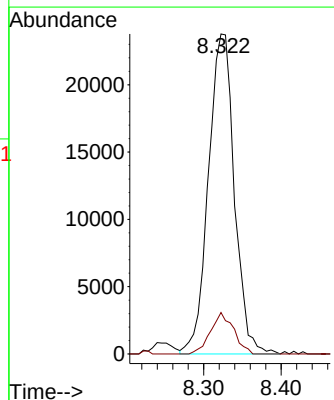
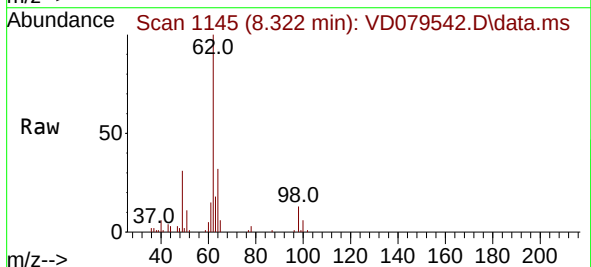
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 59.6  | 41.4  | 62.0  |
| 67  | 93.2  | 85.8  | 128.6 |
| 52  | 38.5  | 30.4  | 45.6  |

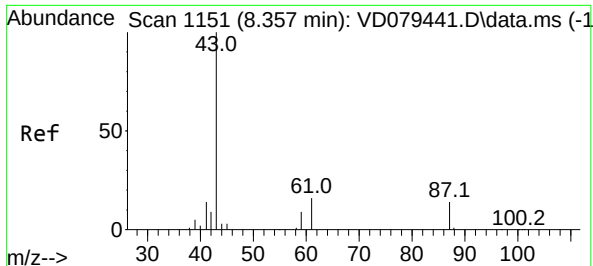


#42  
1,2-Dichloroethane  
Concen: 23.095 ug/l  
RT: 8.322 min Scan# 1145  
Delta R.T. -0.000 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

Tgt Ion: 62 Resp: 55386

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 11.5  | 0.0   | 25.8  |





#43

Isopropyl Acetate

Concen: 24.348 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. 0.000 min

Lab File: VD079542.D

Acq: 02 Aug 2024 15:10

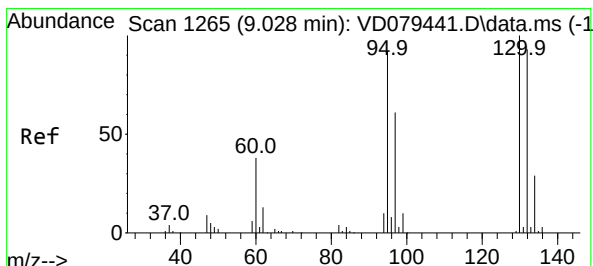
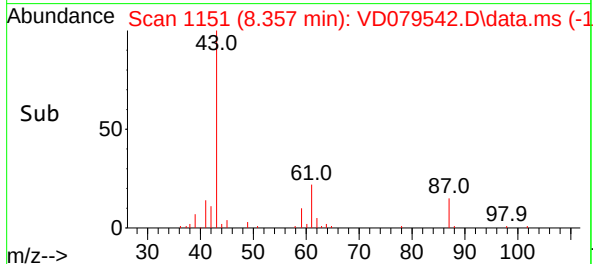
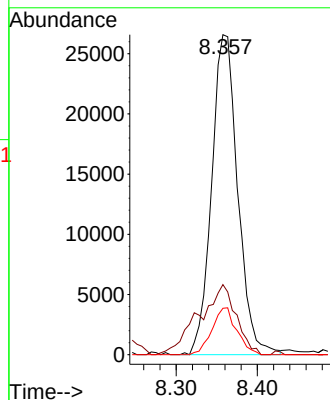
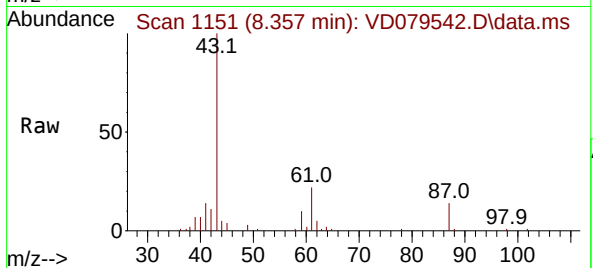
Instrument :

MSVOA\_D

ClientSampleId :

VD0802SBS02

|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 59448    |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 61          | 31.3 29.3 43.9 |
| 87          | 13.9 14.9 22.3 |



#44

Trichloroethene

Concen: 21.426 ug/l

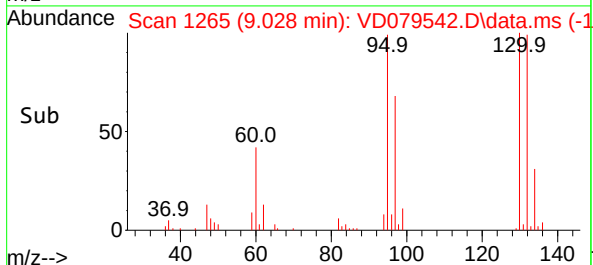
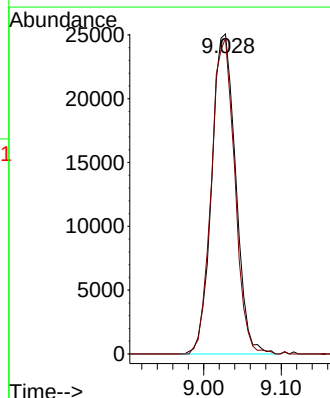
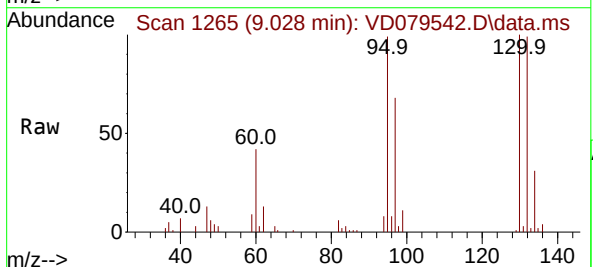
RT: 9.028 min Scan# 1265

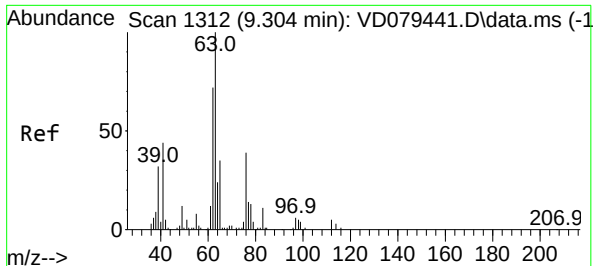
Delta R.T. 0.000 min

Lab File: VD079542.D

Acq: 02 Aug 2024 15:10

|              |                |
|--------------|----------------|
| Tgt Ion: 130 | Resp: 53677    |
| Ion Ratio    | Lower Upper    |
| 130          | 100            |
| 95           | 98.7 0.0 177.8 |





#45

1,2-Dichloropropane

Concen: 23.308 ug/l

RT: 9.299 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD079542.D

Acq: 02 Aug 2024 15:10

Instrument :

MSVOA\_D

ClientSampleId :

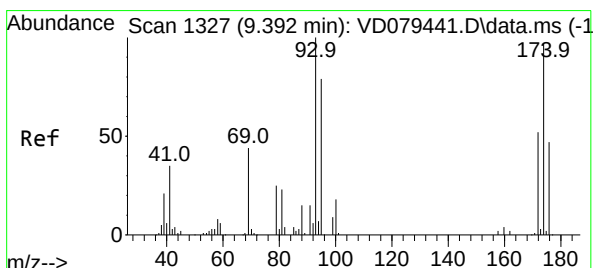
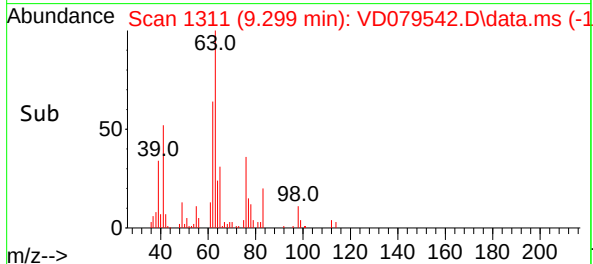
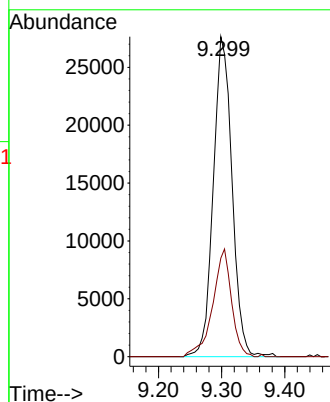
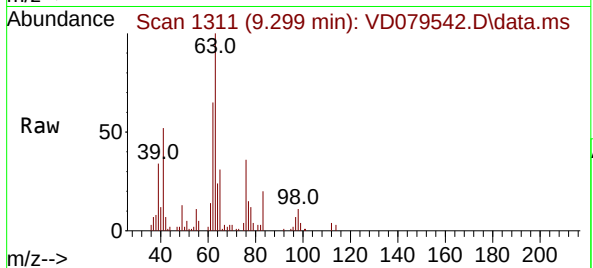
VD0802SBS02

Tgt Ion: 63 Resp: 57085

Ion Ratio Lower Upper

63 100

65 30.8 23.8 35.8



#46

Dibromomethane

Concen: 22.513 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD079542.D

Acq: 02 Aug 2024 15:10

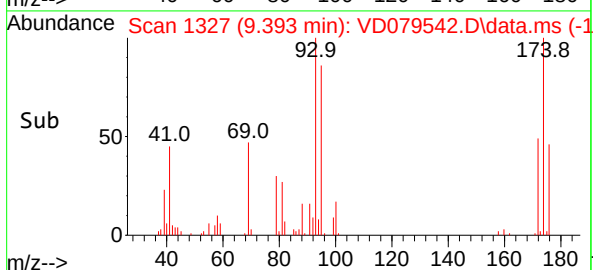
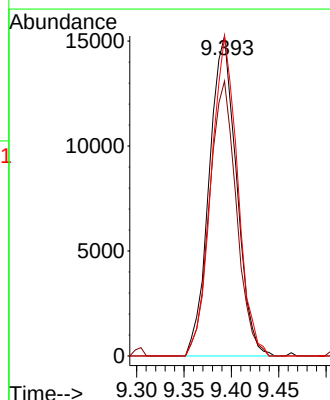
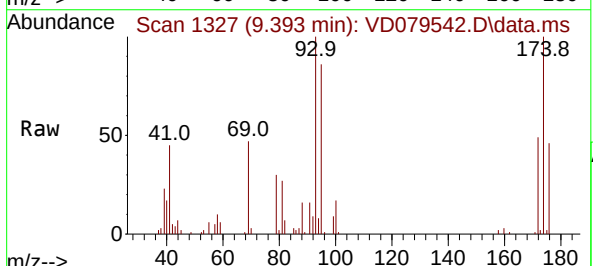
Tgt Ion: 93 Resp: 30567

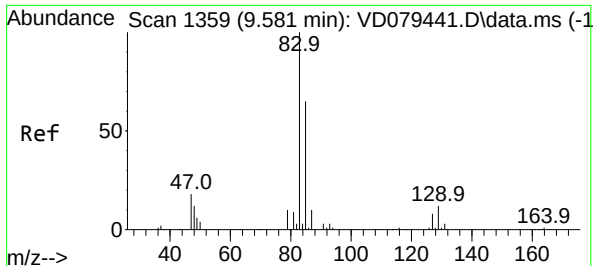
Ion Ratio Lower Upper

93 100

95 84.7 65.6 98.4

174 96.8 82.3 123.5





#47

Bromodichloromethane

Concen: 22.793 ug/l

RT: 9.581 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD079542.D

Acq: 02 Aug 2024 15:10

Instrument :

MSVOA\_D

ClientSampleId :

VD0802SBS02

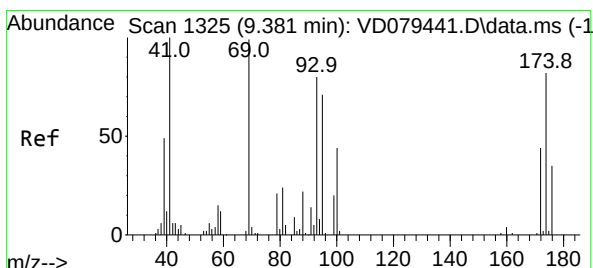
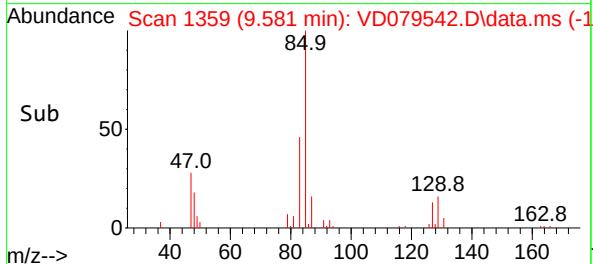
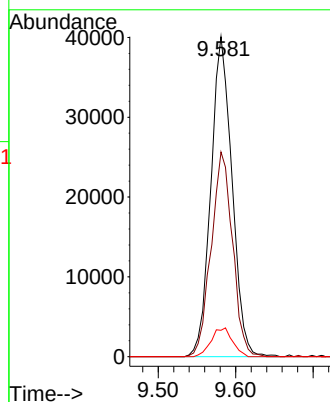
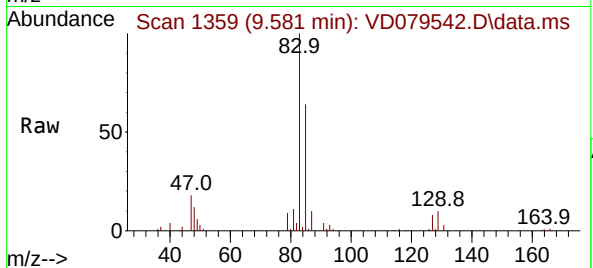
Tgt Ion: 83 Resp: 75989

Ion Ratio Lower Upper

83 100

85 63.9 50.1 75.1

127 8.2 6.8 10.2



#48

Methyl methacrylate

Concen: 21.974 ug/l

RT: 9.375 min Scan# 1324

Delta R.T. -0.006 min

Lab File: VD079542.D

Acq: 02 Aug 2024 15:10

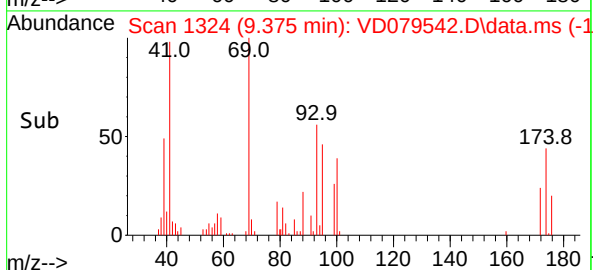
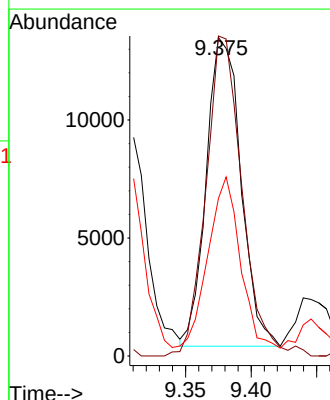
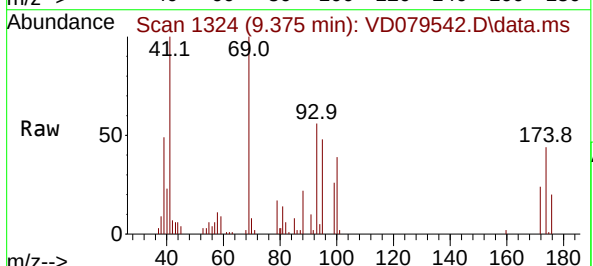
Tgt Ion: 41 Resp: 24011

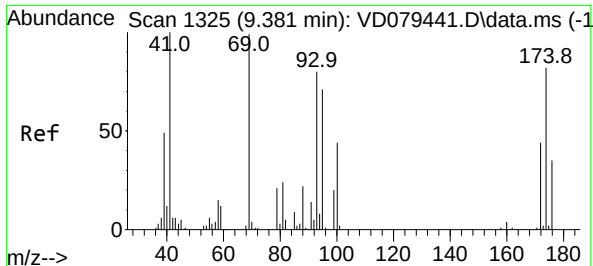
Ion Ratio Lower Upper

41 100

69 108.6 96.7 145.1

39 52.4 43.8 65.6

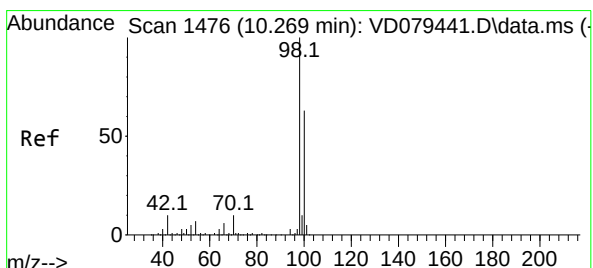
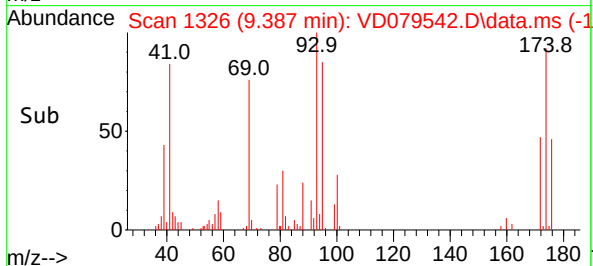
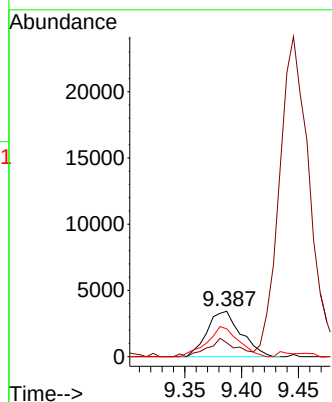
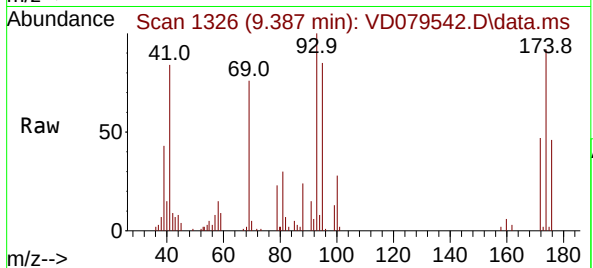




#49  
1,4-Dioxane  
Concen: 504.664 ug/l  
RT: 9.387 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

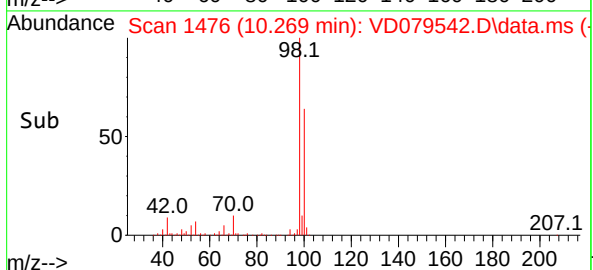
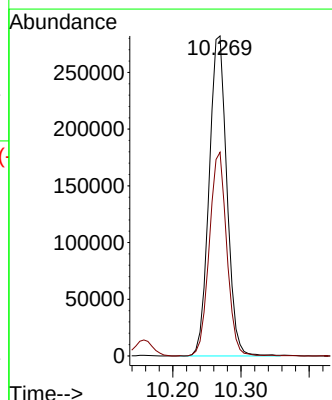
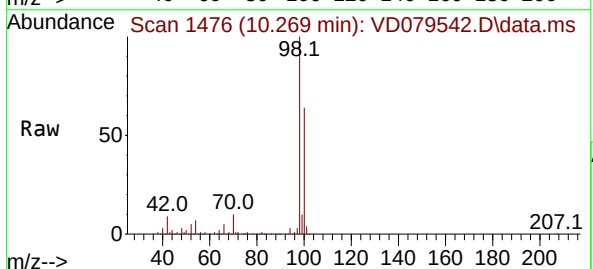
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0802SBS02

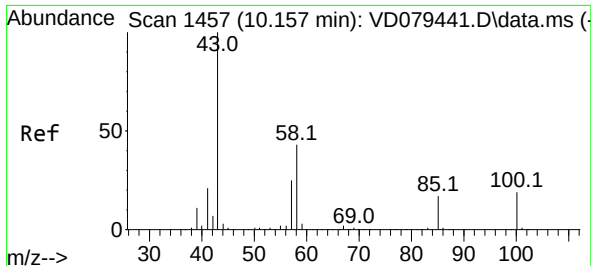
Tgt Ion: 88 Resp: 7100  
Ion Ratio Lower Upper  
88 100  
43 34.5 21.5 32.3#  
58 61.0 42.2 63.4



#50  
Toluene-d8  
Concen: 56.635 ug/l  
RT: 10.269 min Scan# 1476  
Delta R.T. 0.006 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

Tgt Ion: 98 Resp: 510578  
Ion Ratio Lower Upper  
98 100  
100 62.6 51.6 77.4

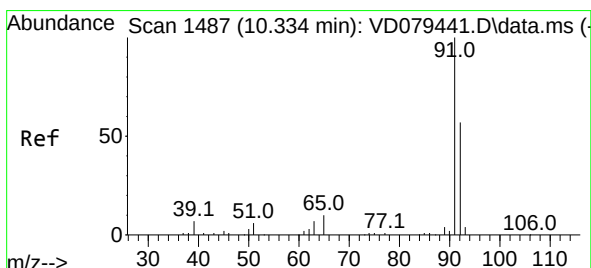
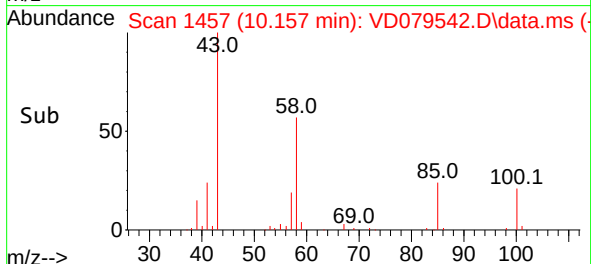
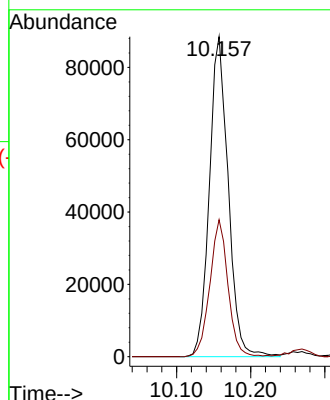
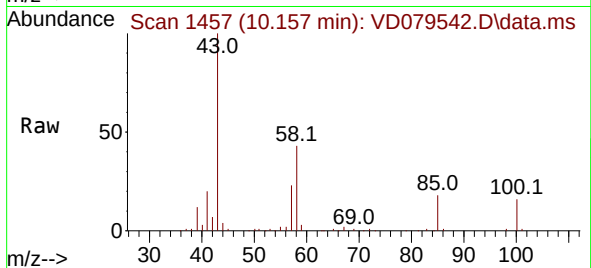




#51  
4-Methyl-2-Pentanone  
Concen: 125.537 ug/l  
RT: 10.157 min Scan# 1457  
Delta R.T. -0.000 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

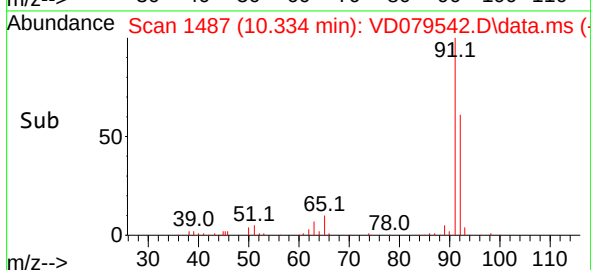
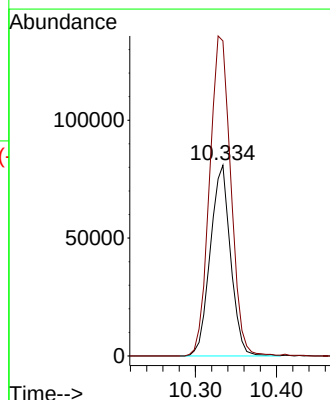
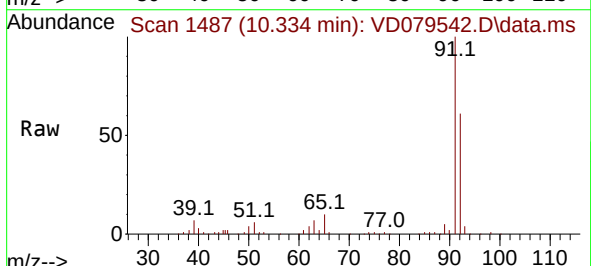
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0802SBS02

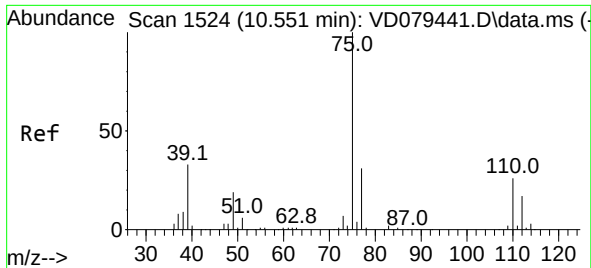
Tgt Ion: 43 Resp: 156489  
Ion Ratio Lower Upper  
43 100  
58 41.2 36.6 55.0



#52  
Toluene  
Concen: 22.528 ug/l  
RT: 10.334 min Scan# 1487  
Delta R.T. 0.006 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

Tgt Ion: 92 Resp: 140221  
Ion Ratio Lower Upper  
92 100  
91 176.0 141.7 212.5

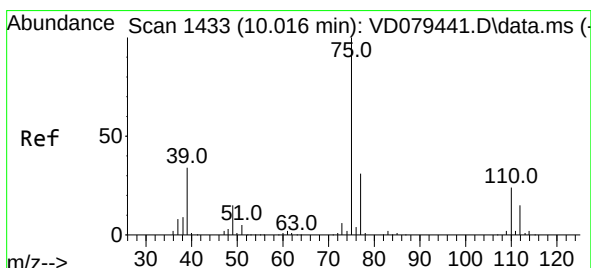
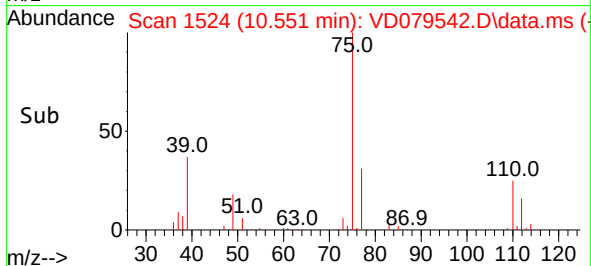
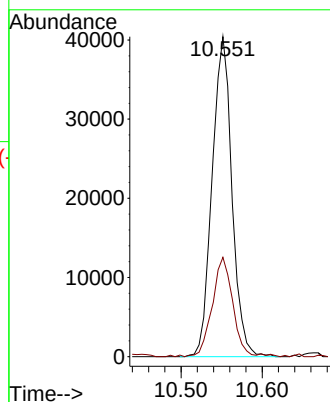
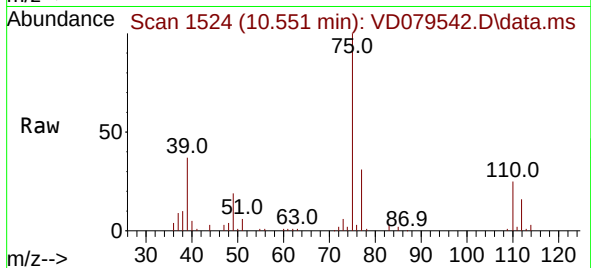




#53  
 t-1,3-Dichloropropene  
 Concen: 22.248 ug/l  
 RT: 10.551 min Scan# 1524  
 Delta R.T. 0.006 min  
 Lab File: VD079542.D  
 Acq: 02 Aug 2024 15:10

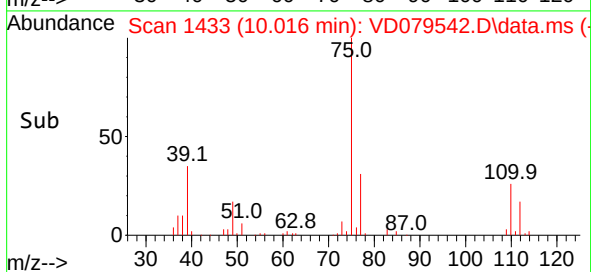
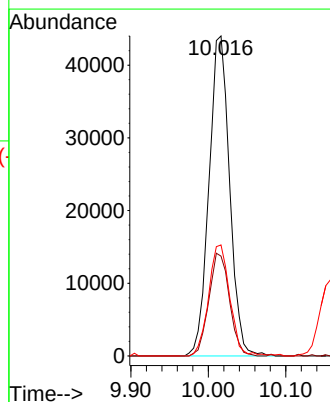
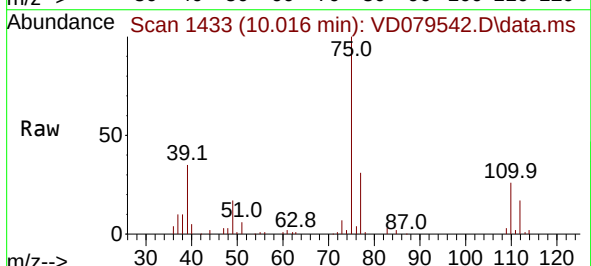
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0802SBS02

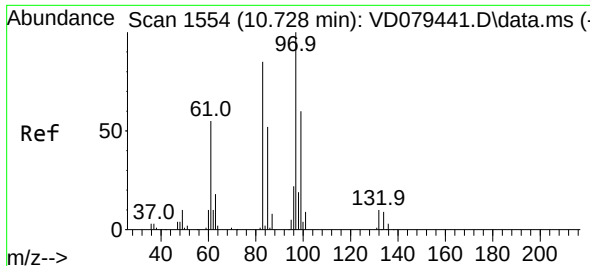
Tgt Ion: 75 Resp: 68495  
 Ion Ratio Lower Upper  
 75 100  
 77 31.0 25.0 37.6



#54  
 cis-1,3-Dichloropropene  
 Concen: 21.982 ug/l  
 RT: 10.016 min Scan# 1433  
 Delta R.T. 0.000 min  
 Lab File: VD079542.D  
 Acq: 02 Aug 2024 15:10

Tgt Ion: 75 Resp: 81404  
 Ion Ratio Lower Upper  
 75 100  
 77 31.2 24.4 36.6  
 39 34.7 24.2 36.2

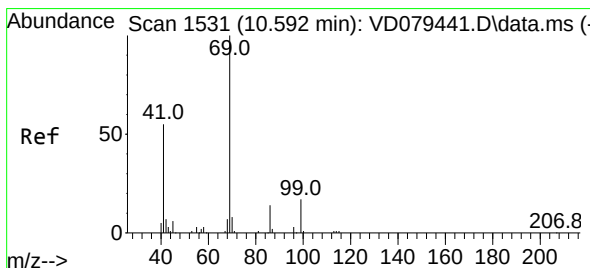
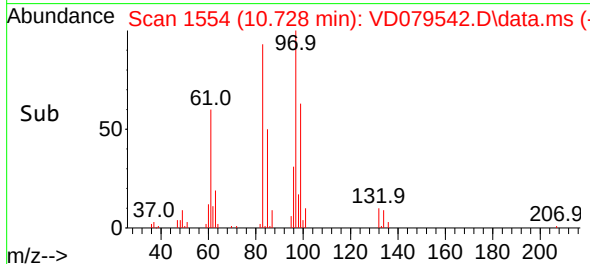
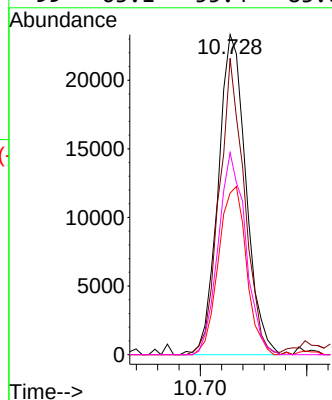
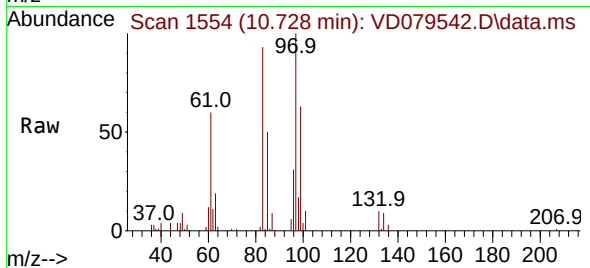




#55  
1,1,2-Trichloroethane  
Concen: 23.594 ug/l  
RT: 10.728 min Scan# 1554  
Delta R.T. 0.000 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

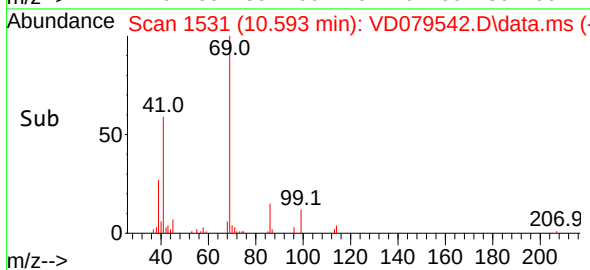
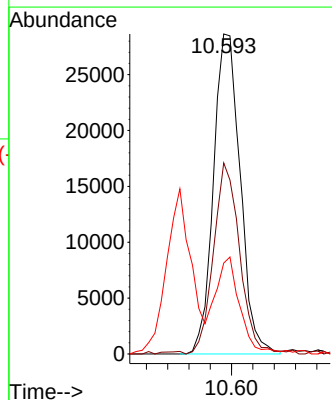
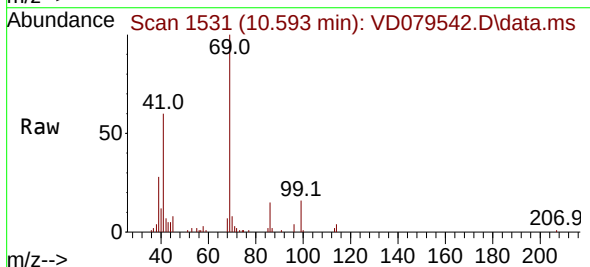
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0802SBS02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 42199 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 92.6  | 65.8  | 98.8  |
| 85       | 50.5  | 43.8  | 65.8  |
| 99       | 63.1  | 55.4  | 83.0  |

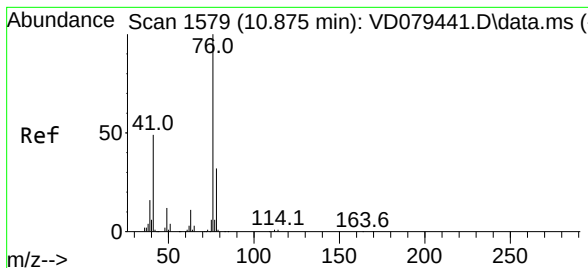


#56  
Ethyl methacrylate  
Concen: 23.537 ug/l  
RT: 10.593 min Scan# 1531  
Delta R.T. -0.006 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 49881 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 58.6  | 39.8  | 59.6  |
| 39       | 28.7  | 20.2  | 30.4  |



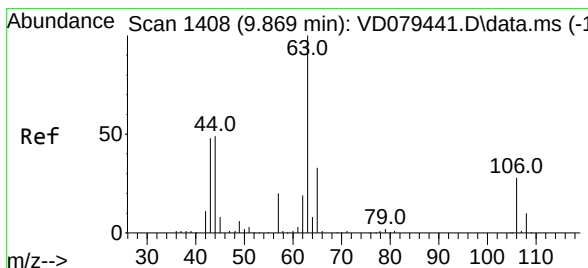
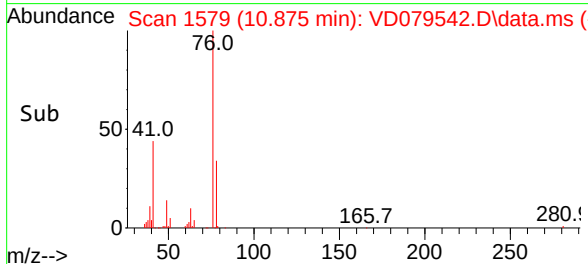
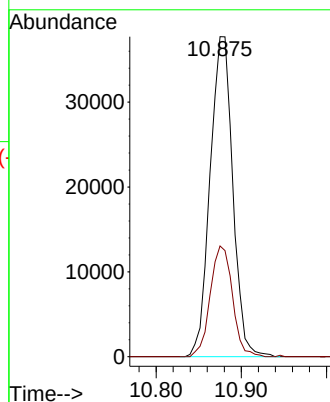
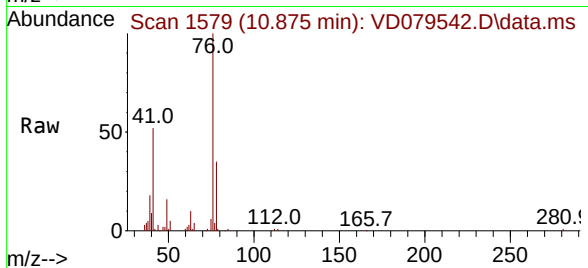




#57  
1,3-Dichloropropane  
Concen: 22.949 ug/l  
RT: 10.875 min Scan# 1579  
Delta R.T. 0.000 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

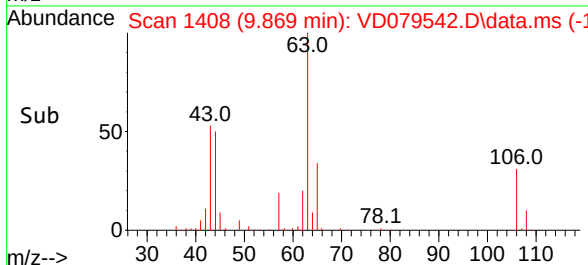
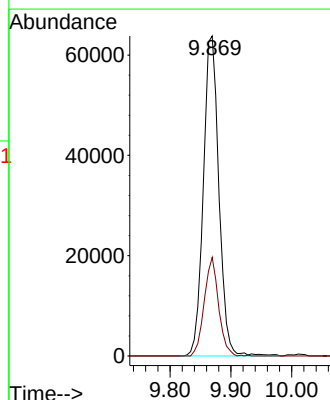
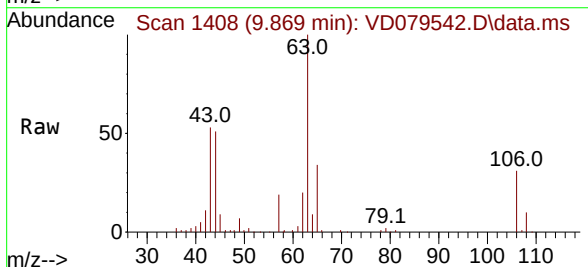
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0802SBS02

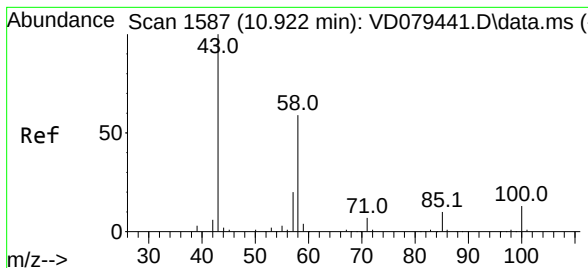
Tgt Ion: 76 Resp: 69748  
Ion Ratio Lower Upper  
76 100  
78 33.8 26.2 39.2



#58  
2-Chloroethyl Vinyl ether  
Concen: 115.782 ug/l  
RT: 9.869 min Scan# 1408  
Delta R.T. 0.000 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

Tgt Ion: 63 Resp: 113156  
Ion Ratio Lower Upper  
63 100  
106 28.4 26.4 39.6

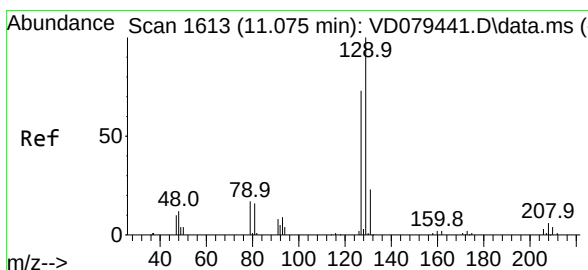
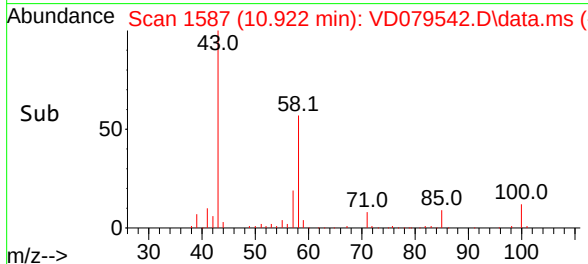
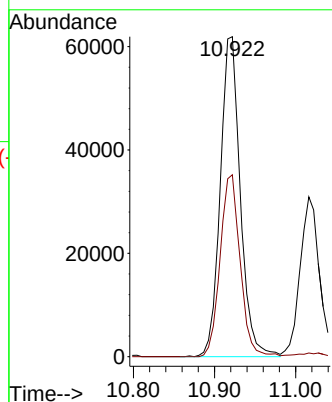
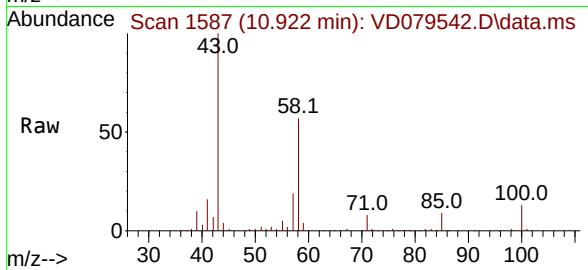




#59  
2-Hexanone  
Concen: 122.332 ug/l  
RT: 10.922 min Scan# 1587  
Delta R.T. 0.006 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

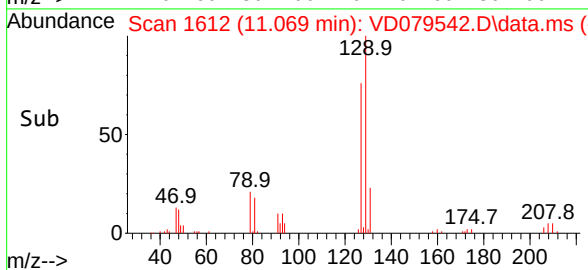
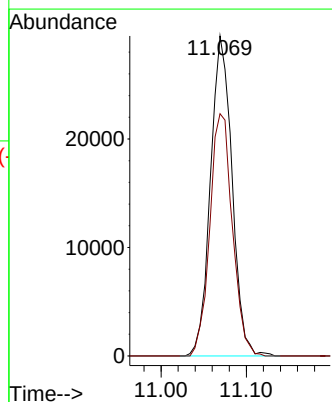
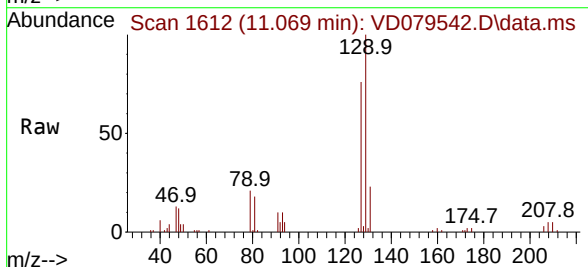
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0802SBS02

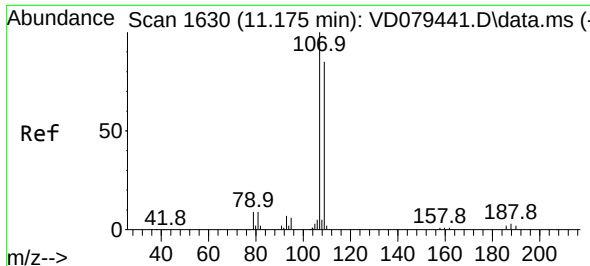
Tgt Ion: 43 Resp: 106353  
Ion Ratio Lower Upper  
43 100  
58 56.8 31.1 93.5



#60  
Dibromochloromethane  
Concen: 22.176 ug/l  
RT: 11.069 min Scan# 1612  
Delta R.T. -0.000 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

Tgt Ion:129 Resp: 51813  
Ion Ratio Lower Upper  
129 100  
127 79.2 38.0 113.9

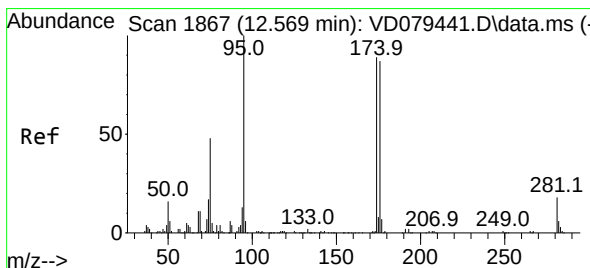
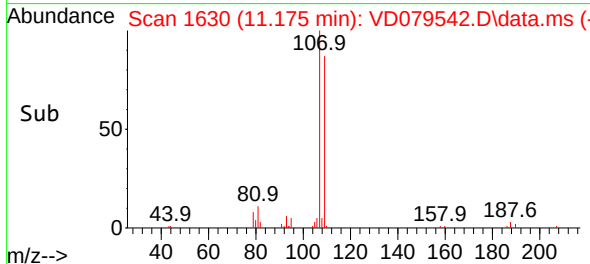
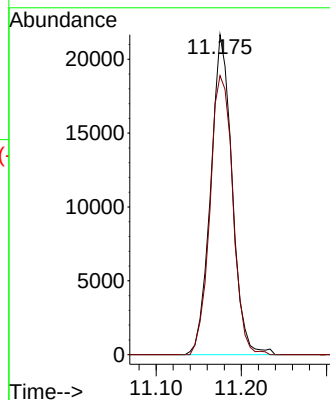
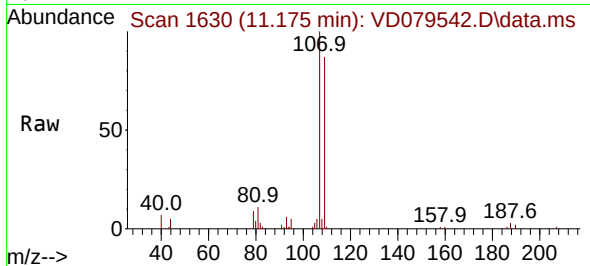




#61  
1,2-Dibromoethane  
Concen: 22.617 ug/l  
RT: 11.175 min Scan# 1630  
Delta R.T. 0.000 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

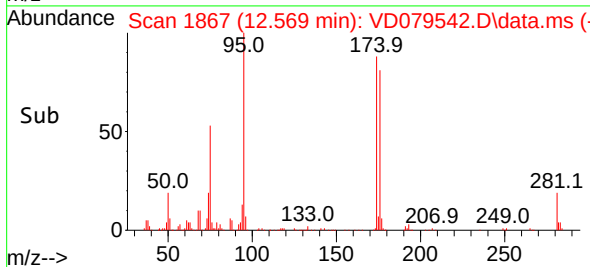
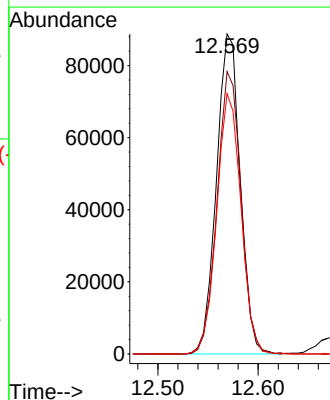
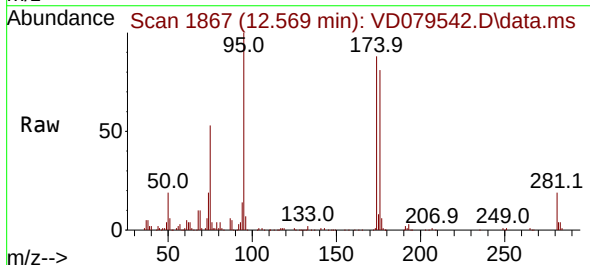
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0802SBS02

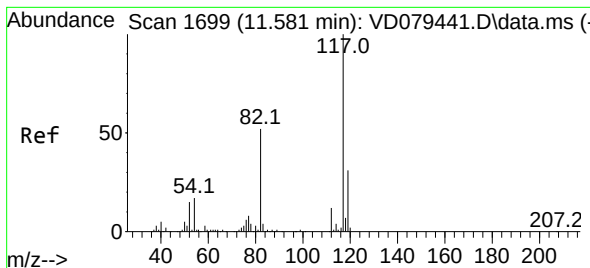
Tgt Ion:107 Resp: 37896  
Ion Ratio Lower Upper  
107 100  
109 92.8 72.0 108.0



#62  
4-Bromofluorobenzene  
Concen: 55.958 ug/l  
RT: 12.569 min Scan# 1867  
Delta R.T. -0.000 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

Tgt Ion: 95 Resp: 145984  
Ion Ratio Lower Upper  
95 100  
174 89.1 0.0 195.4  
176 83.1 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079542.D

Acq: 02 Aug 2024 15:10

Instrument :

MSVOA\_D

ClientSampleId :

VD0802SBS02

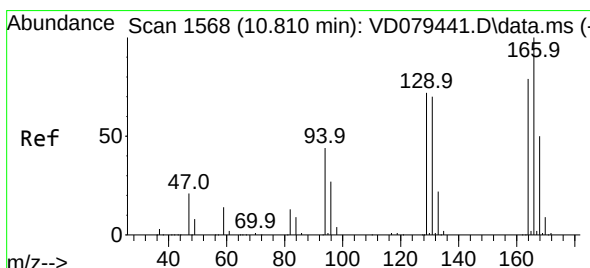
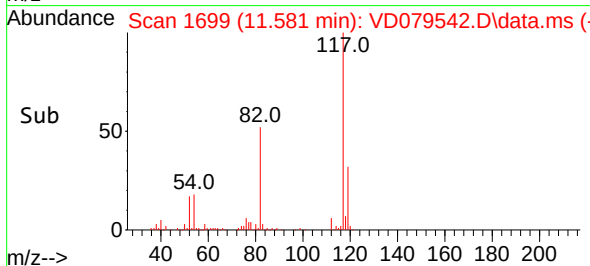
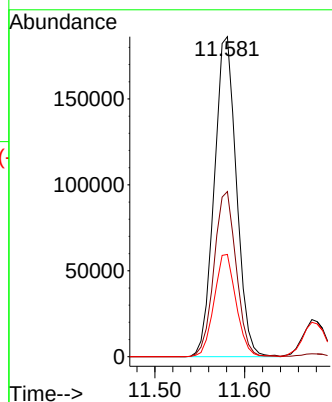
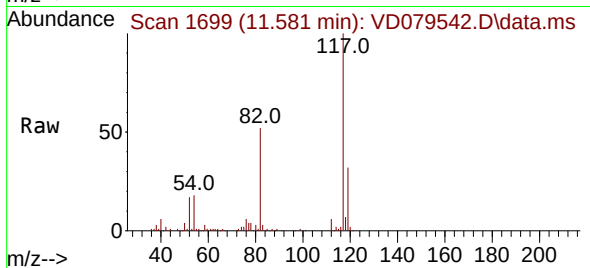
Tgt Ion:117 Resp: 319448

Ion Ratio Lower Upper

117 100

82 51.6 39.8 59.6

119 31.9 25.7 38.5



#64

Tetrachloroethene

Concen: 21.235 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD079542.D

Acq: 02 Aug 2024 15:10

Tgt Ion:164 Resp: 45742

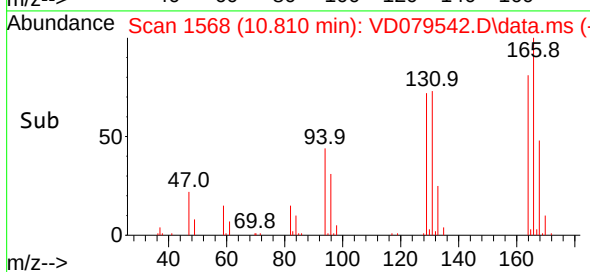
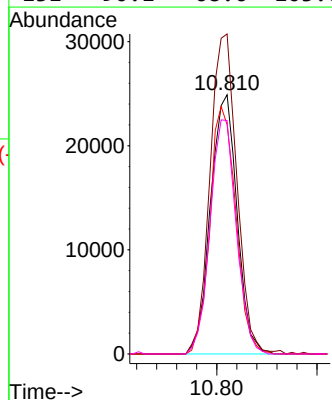
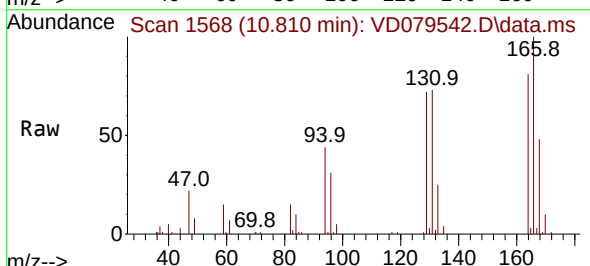
Ion Ratio Lower Upper

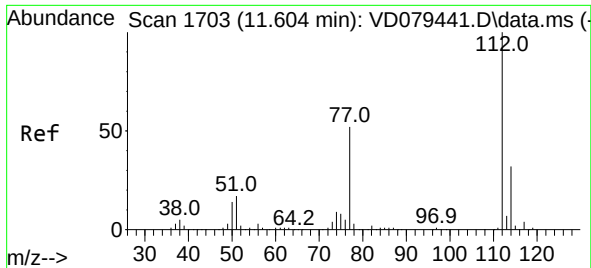
164 100

166 123.5 108.6 163.0

129 88.5 74.6 112.0

131 90.1 68.6 103.0

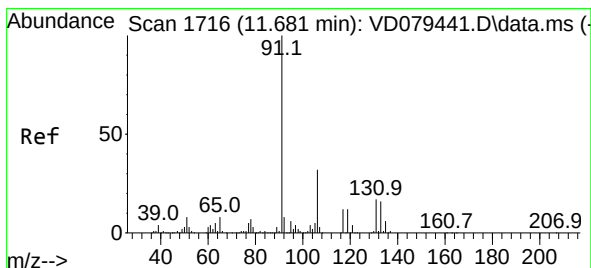
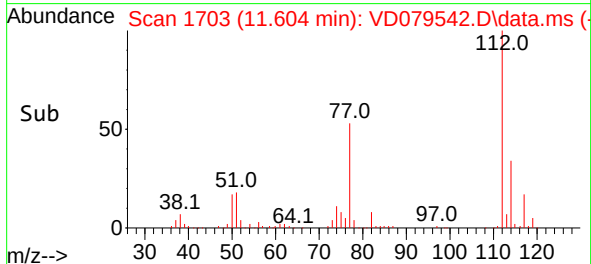
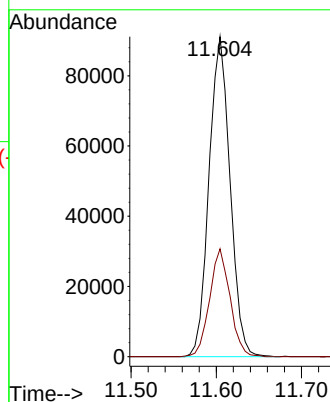
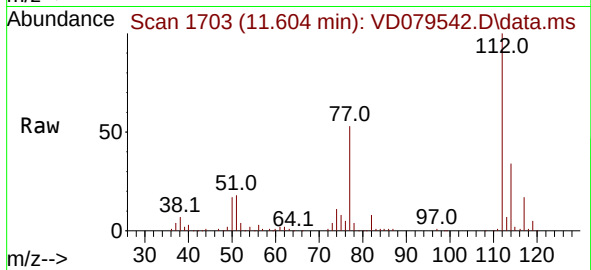




#65  
Chlorobenzene  
Concen: 22.108 ug/l  
RT: 11.604 min Scan# 1703  
Delta R.T. 0.000 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

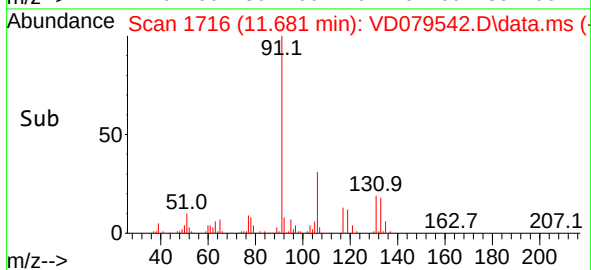
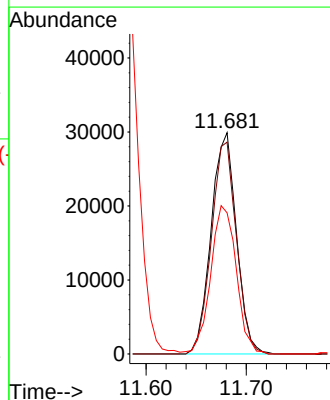
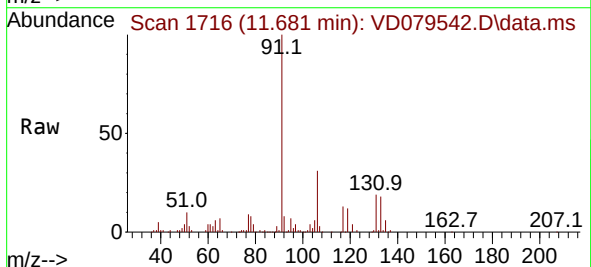
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0802SBS02

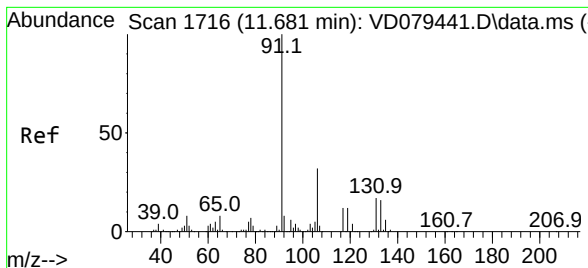
Tgt Ion:112 Resp: 156390  
Ion Ratio Lower Upper  
112 100  
114 33.7 26.0 39.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 22.553 ug/l  
RT: 11.681 min Scan# 1716  
Delta R.T. 0.000 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

Tgt Ion:131 Resp: 52489  
Ion Ratio Lower Upper  
131 100  
133 94.7 49.2 147.6  
119 68.0 33.4 100.2

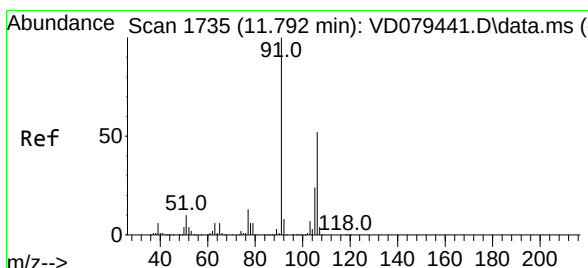
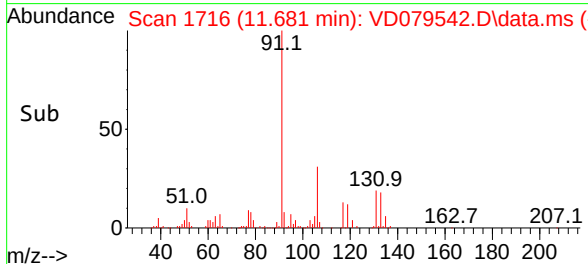
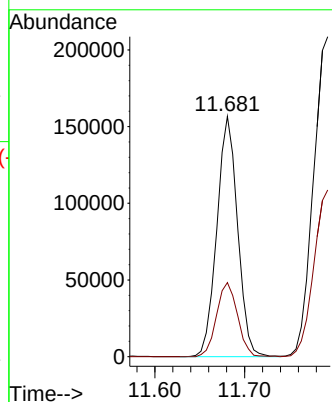
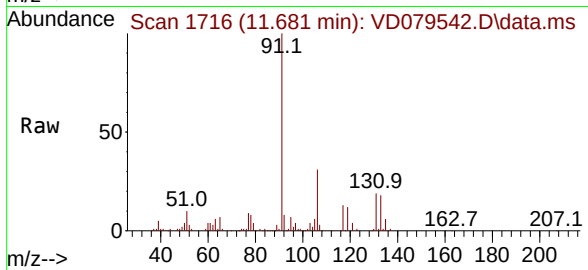




#67  
Ethyl Benzene  
Concen: 21.689 ug/l  
RT: 11.681 min Scan# 1716  
Delta R.T. 0.000 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

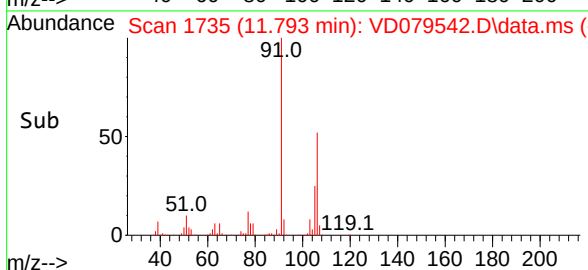
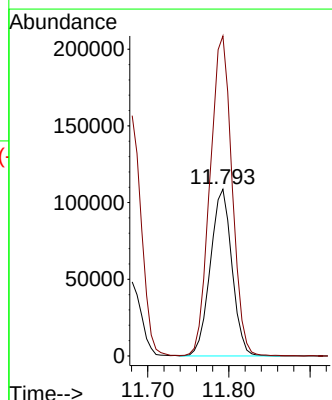
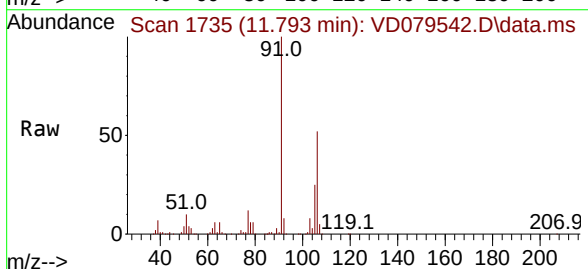
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0802SBS02

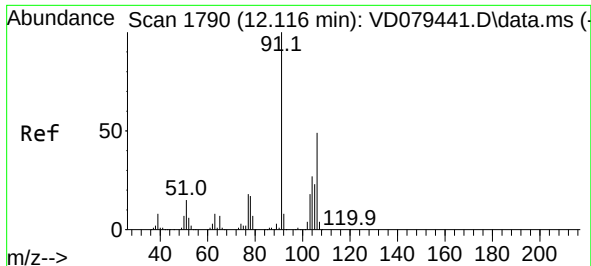
Tgt Ion: 91 Resp: 251167  
Ion Ratio Lower Upper  
91 100  
106 30.8 25.8 38.6



#68  
m/p-Xylenes  
Concen: 43.735 ug/l  
RT: 11.793 min Scan# 1735  
Delta R.T. 0.000 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

Tgt Ion:106 Resp: 200931  
Ion Ratio Lower Upper  
106 100  
91 195.9 148.5 222.7

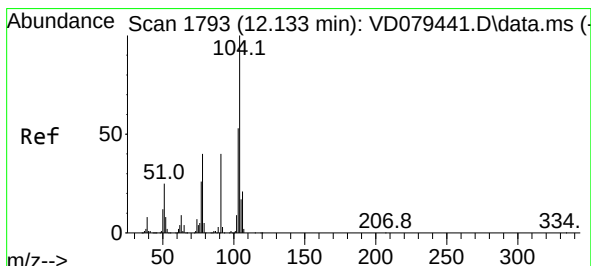
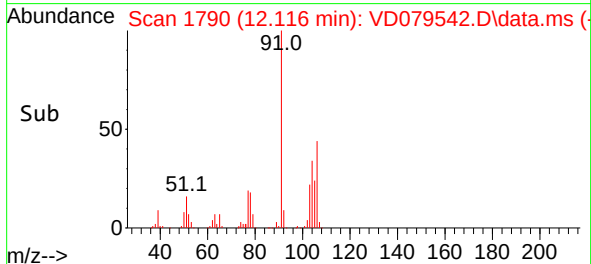
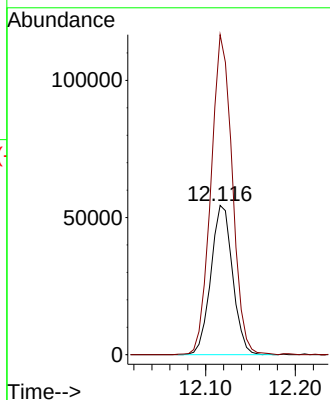
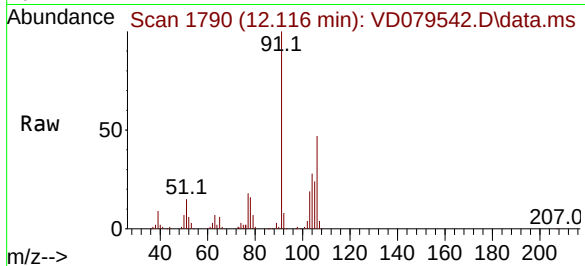




#69  
o-Xylene  
Concen: 21.717 ug/l  
RT: 12.116 min Scan# 1790  
Delta R.T. -0.000 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

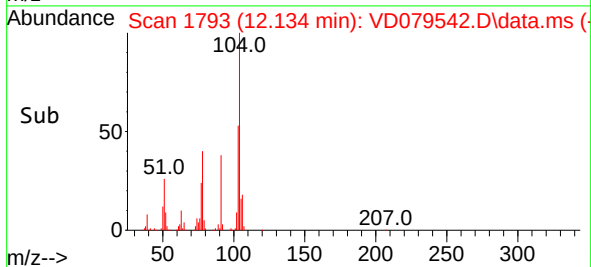
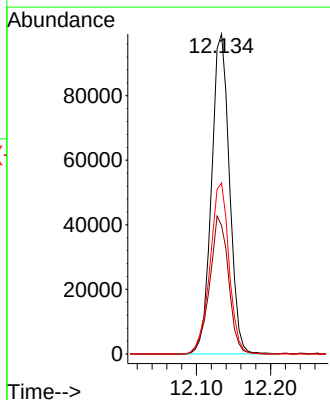
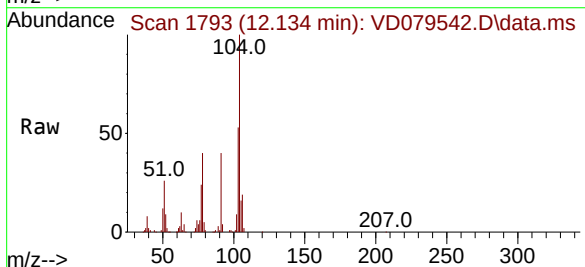
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0802SBS02

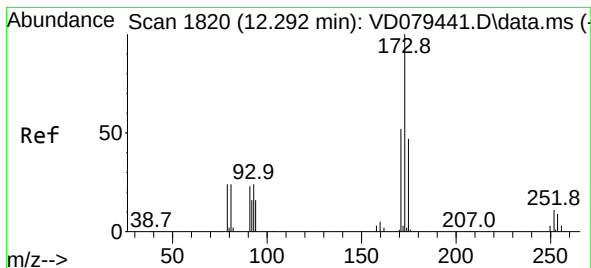
Tgt Ion:106 Resp: 91452  
Ion Ratio Lower Upper  
106 100  
91 211.1 96.7 290.1



#70  
Styrene  
Concen: 22.531 ug/l  
RT: 12.134 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

Tgt Ion:104 Resp: 166347  
Ion Ratio Lower Upper  
104 100  
78 45.2 33.0 49.6  
103 56.5 44.2 66.4





#71

Bromoform

Concen: 22.459 ug/l

RT: 12.298 min Scan# 1820

Delta R.T. 0.006 min

Lab File: VD079542.D

Acq: 02 Aug 2024 15:10

Instrument :

MSVOA\_D

ClientSampleId :

VD0802SBS02

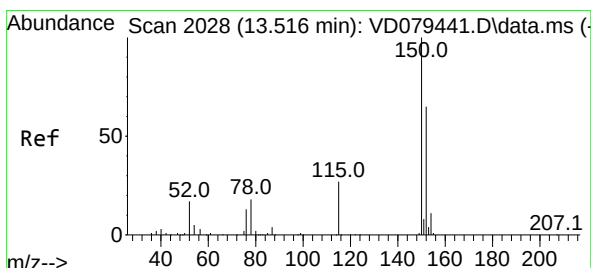
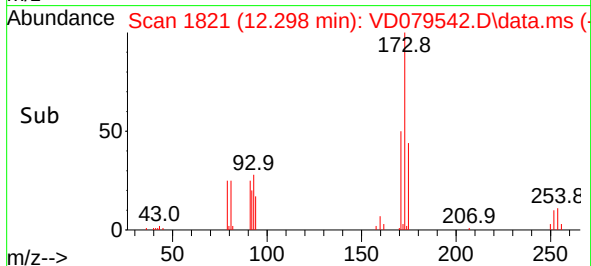
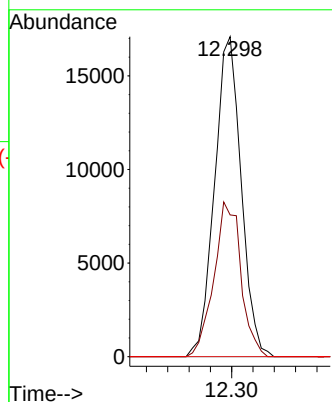
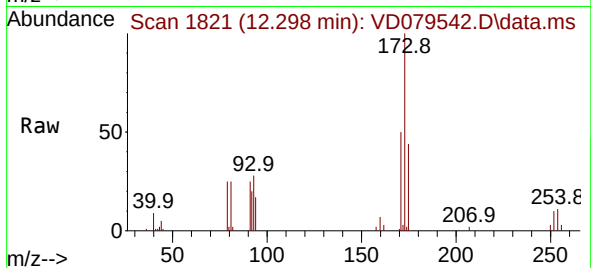
Tgt Ion:173 Resp: 29550

Ion Ratio Lower Upper

173 100

175 49.1 23.7 71.1

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.006 min

Lab File: VD079542.D

Acq: 02 Aug 2024 15:10

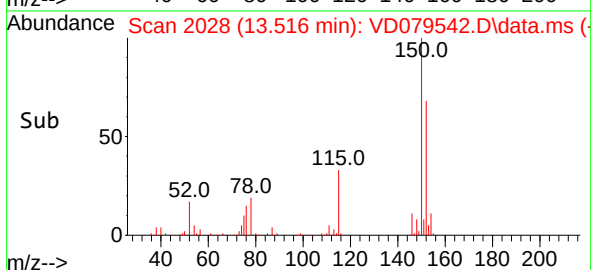
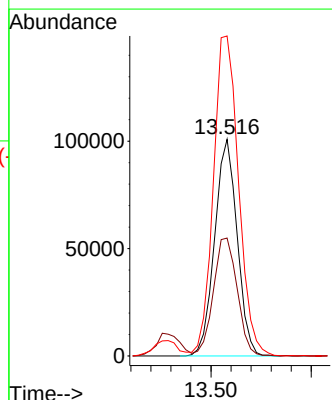
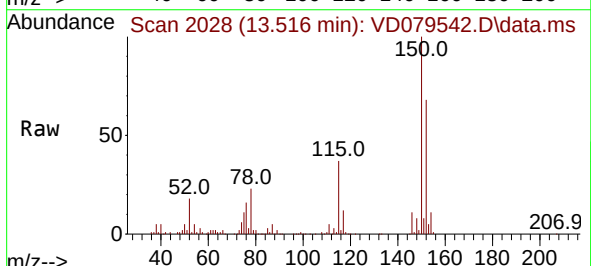
Tgt Ion:152 Resp: 157142

Ion Ratio Lower Upper

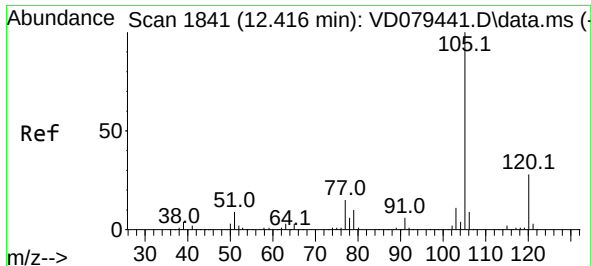
152 100

115 57.8 26.5 79.5

150 165.2 0.0 341.6



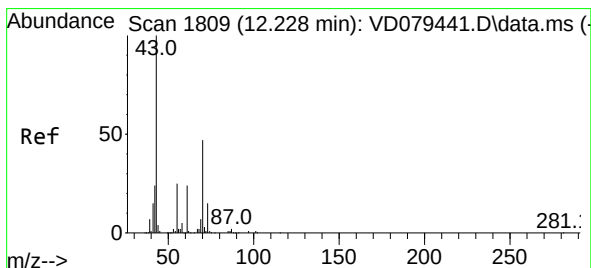
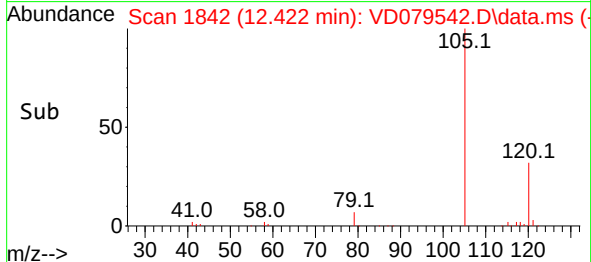
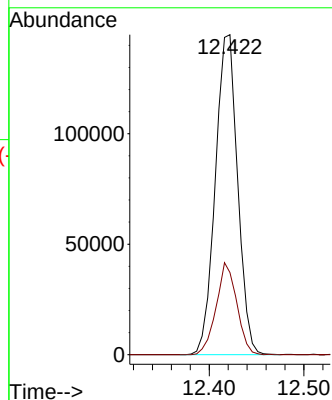
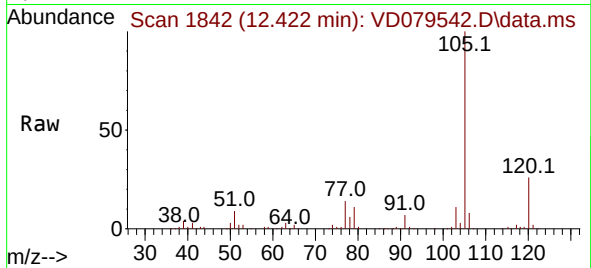




#73  
Isopropylbenzene  
Concen: 22.316 ug/l  
RT: 12.422 min Scan# 1842  
Delta R.T. 0.006 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

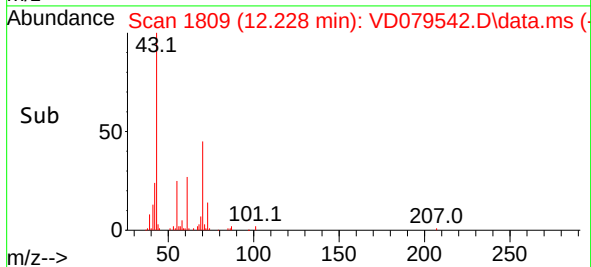
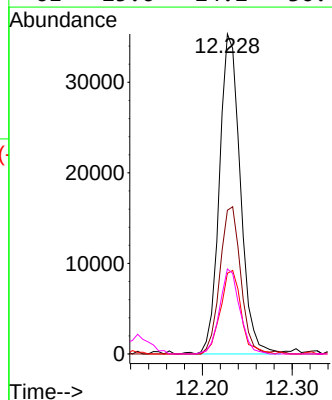
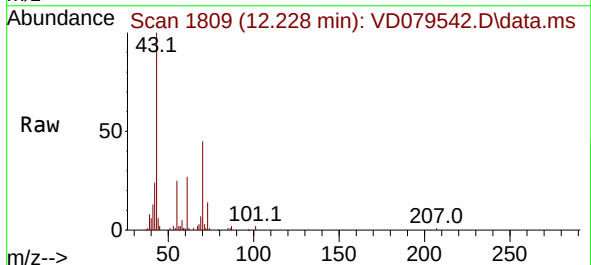
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0802SBS02

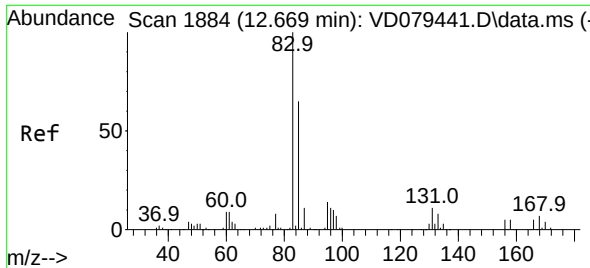
Tgt Ion:105 Resp: 237153  
Ion Ratio Lower Upper  
105 100  
120 26.6 13.6 40.7



#74  
N-amy1 acetate  
Concen: 24.798 ug/l  
RT: 12.228 min Scan# 1809  
Delta R.T. -0.006 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

Tgt Ion: 43 Resp: 57316  
Ion Ratio Lower Upper  
43 100  
70 45.5 44.3 66.5  
55 25.9 23.2 34.8  
61 25.6 24.2 36.4

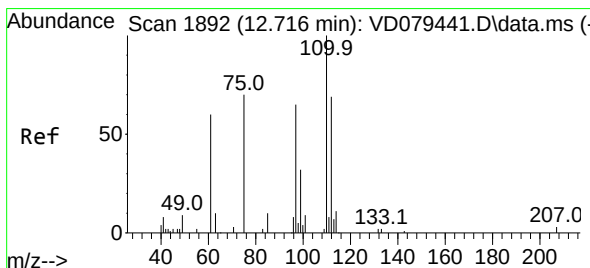
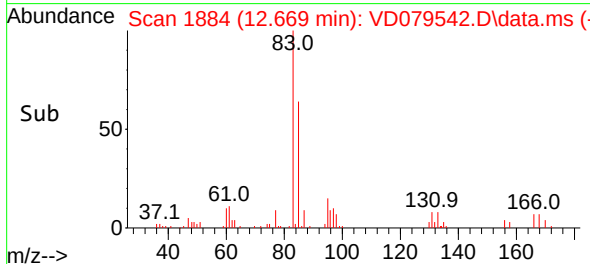
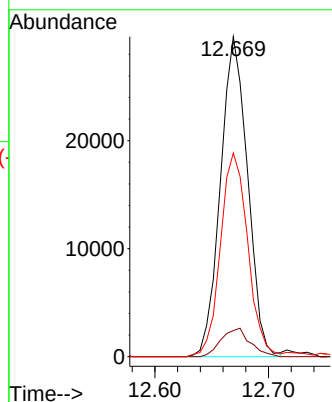
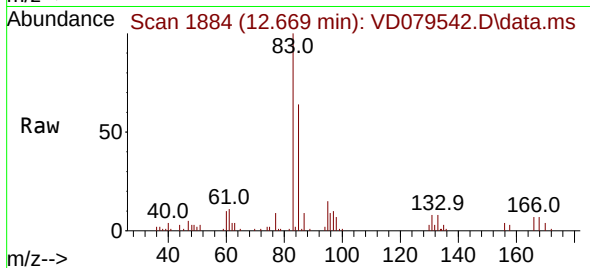




#75  
1,1,2,2-Tetrachloroethane  
Concen: 24.093 ug/l  
RT: 12.669 min Scan# 1884  
Delta R.T. 0.000 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

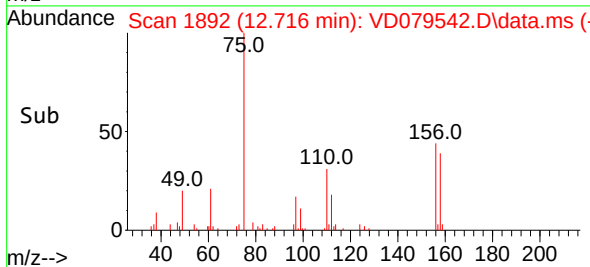
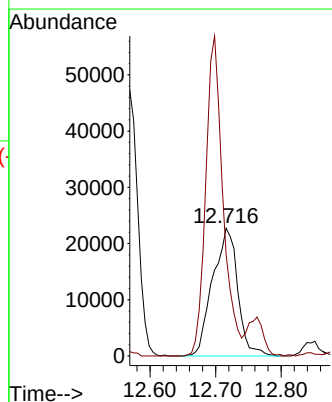
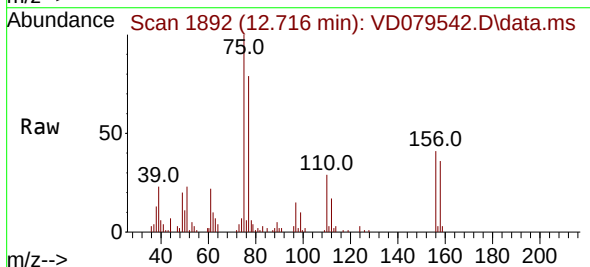
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0802SBS02

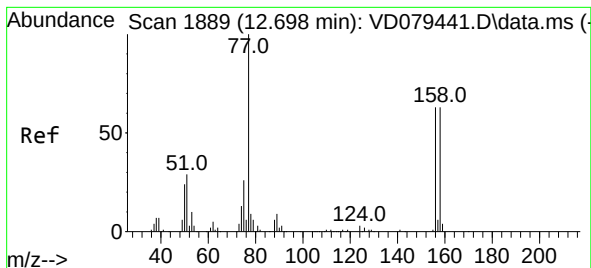
Tgt Ion: 83 Resp: 49184  
Ion Ratio Lower Upper  
83 100  
131 9.5 5.5 16.5  
85 64.0 33.8 101.3



#76  
1,2,3-Trichloropropane  
Concen: 43.879 ug/l  
RT: 12.716 min Scan# 1892  
Delta R.T. -0.006 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

Tgt Ion: 75 Resp: 60271  
Ion Ratio Lower Upper  
75 100  
77 173.6 0.0 0.0#





#77

Bromobenzene

Concen: 22.085 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD079542.D

Acq: 02 Aug 2024 15:10

Instrument :

MSVOA\_D

ClientSampleId :

VD0802SBS02

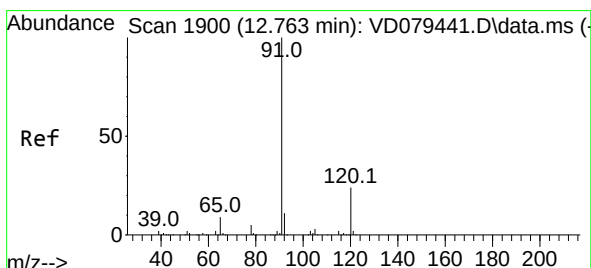
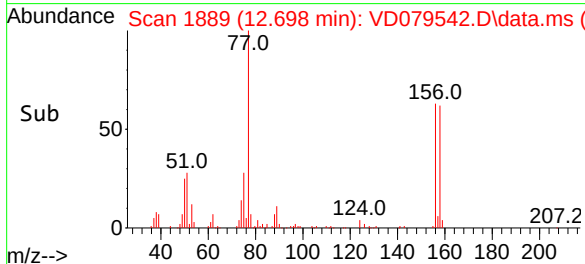
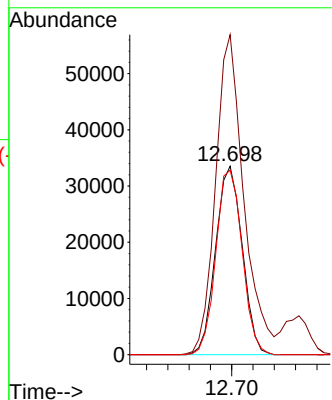
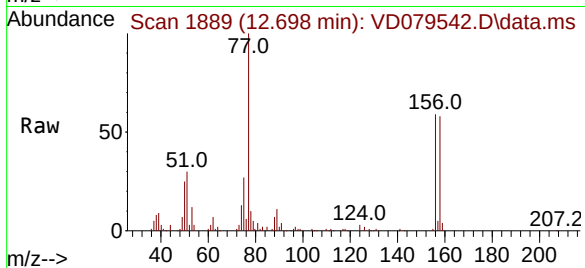
Tgt Ion:156 Resp: 58193

Ion Ratio Lower Upper

156 100

77 179.8 77.3 231.9

158 96.8 49.6 149.0



#78

n-propylbenzene

Concen: 22.491 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VD079542.D

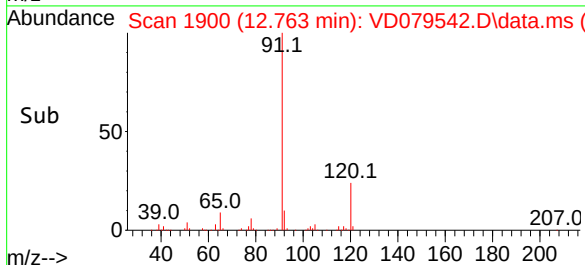
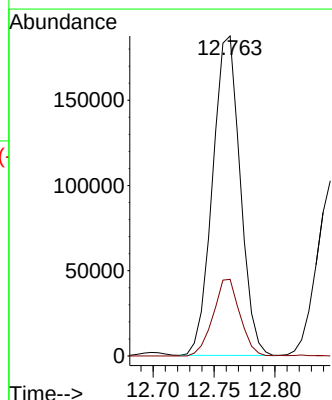
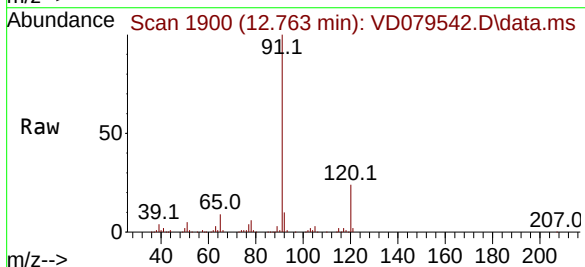
Acq: 02 Aug 2024 15:10

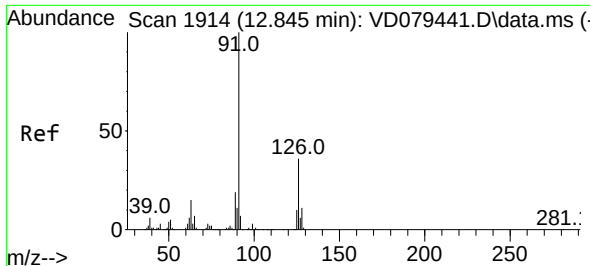
Tgt Ion: 91 Resp: 295426

Ion Ratio Lower Upper

91 100

120 23.4 12.3 36.8

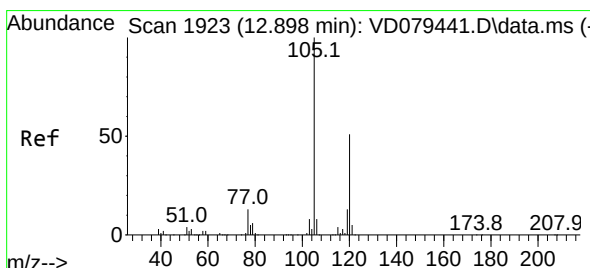
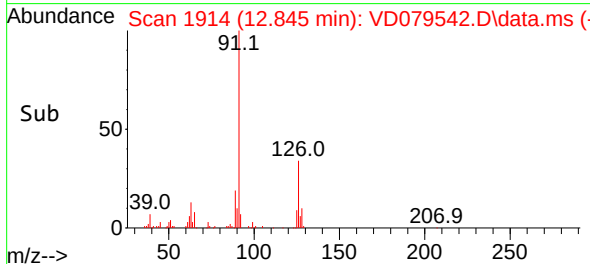
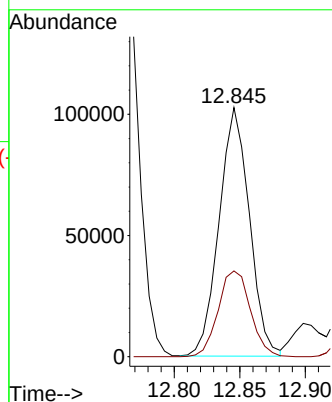
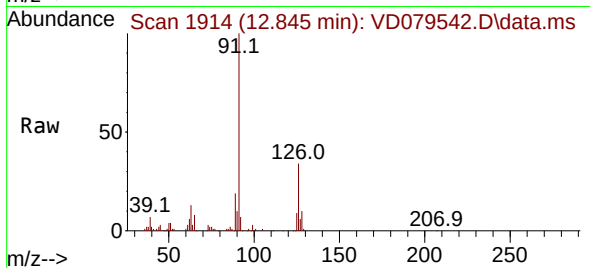




#79  
2-Chlorotoluene  
Concen: 22.568 ug/l  
RT: 12.845 min Scan# 1914  
Delta R.T. 0.000 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

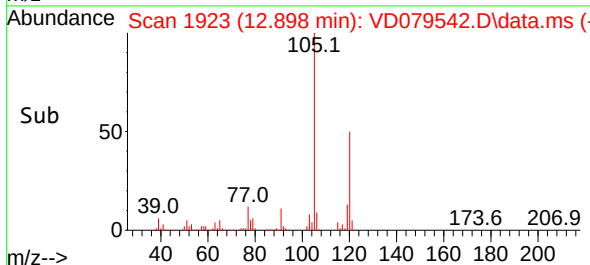
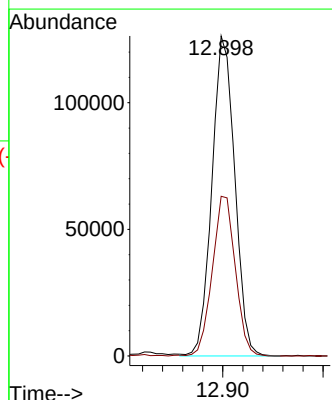
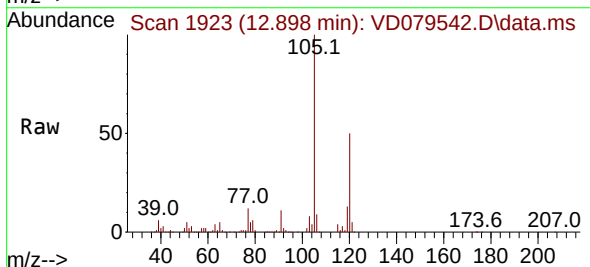
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0802SBS02

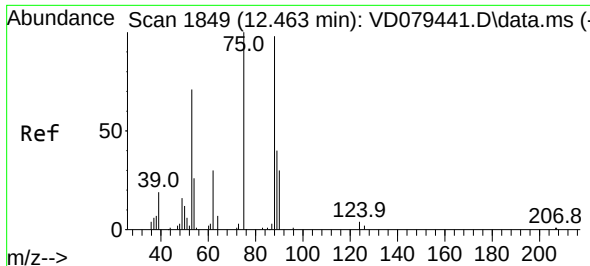
Tgt Ion: 91 Resp: 165062  
Ion Ratio Lower Upper  
91 100  
126 36.6 19.3 57.8



#80  
1,3,5-Trimethylbenzene  
Concen: 22.814 ug/l  
RT: 12.898 min Scan# 1923  
Delta R.T. -0.006 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

Tgt Ion: 105 Resp: 199700  
Ion Ratio Lower Upper  
105 100  
120 50.4 25.7 77.1

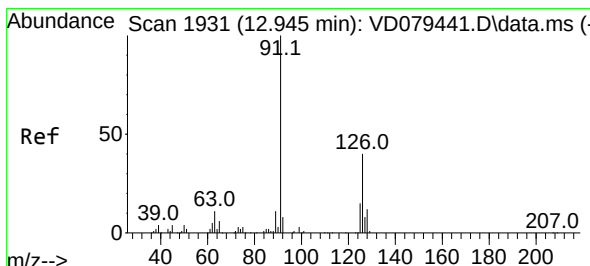
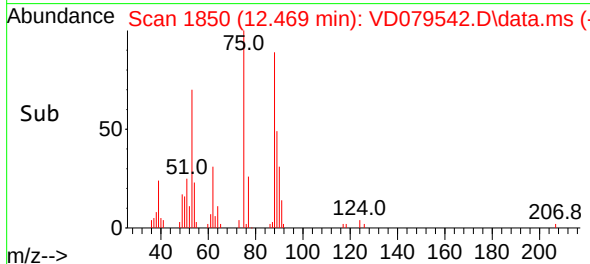
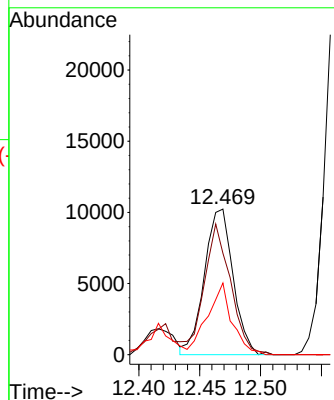
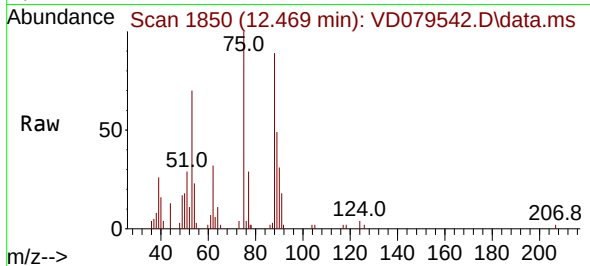




#81  
trans-1,4-Dichloro-2-butene  
Concen: 23.272 ug/l  
RT: 12.469 min Scan# 1849  
Delta R.T. 0.000 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

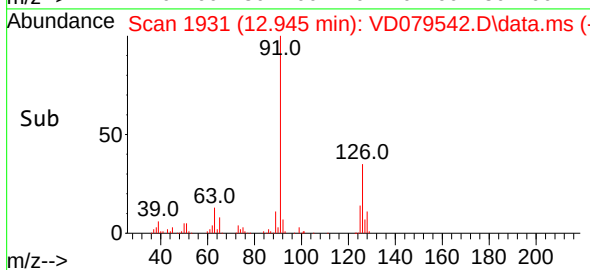
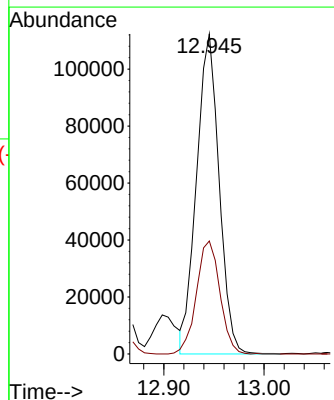
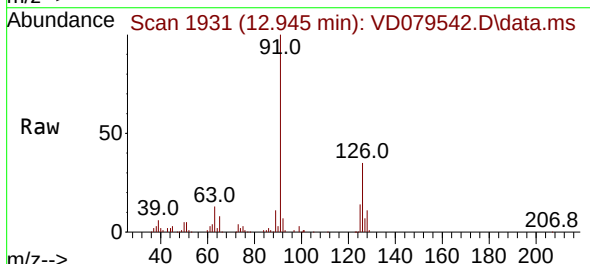
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0802SBS02

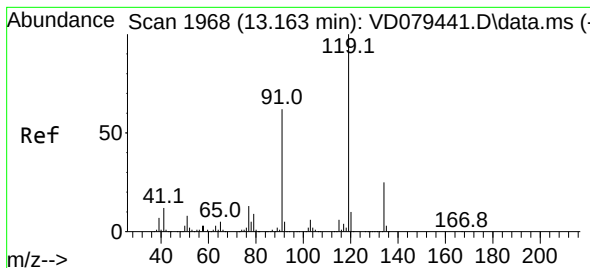
Tgt Ion: 75 Resp: 16760  
Ion Ratio Lower Upper  
75 100  
53 83.4 61.4 92.2  
89 42.4 35.4 53.0



#82  
4-Chlorotoluene  
Concen: 23.107 ug/l  
RT: 12.945 min Scan# 1931  
Delta R.T. -0.000 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

Tgt Ion: 91 Resp: 176182  
Ion Ratio Lower Upper  
91 100  
126 36.7 18.9 56.9





#83

tert-Butylbenzene

Concen: 22.305 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD079542.D

Acq: 02 Aug 2024 15:10

Instrument :

MSVOA\_D

ClientSampleId :

VD0802SBS02

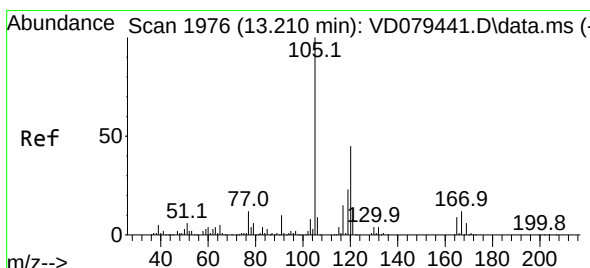
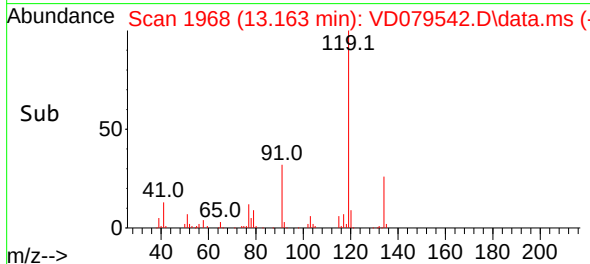
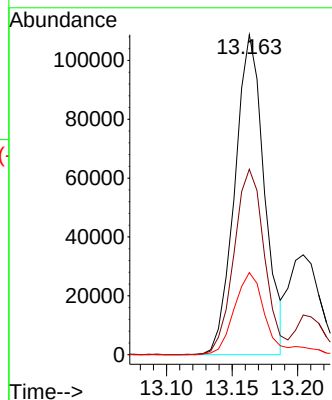
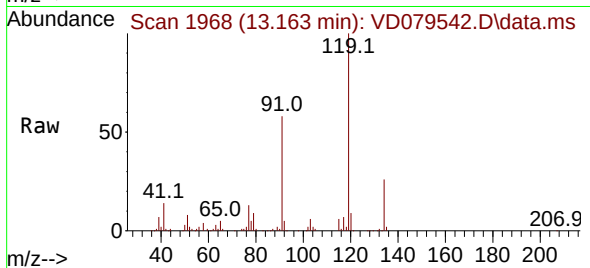
Tgt Ion:119 Resp: 170750

Ion Ratio Lower Upper

119 100

91 60.3 28.2 84.7

134 28.0 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 22.689 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VD079542.D

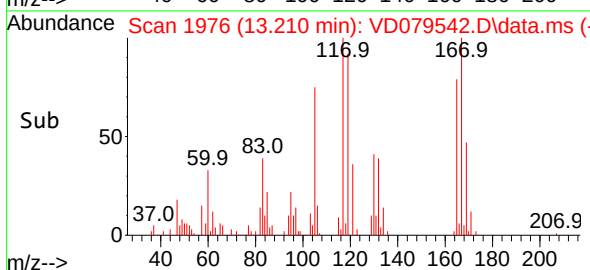
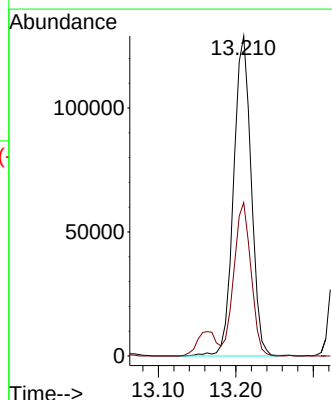
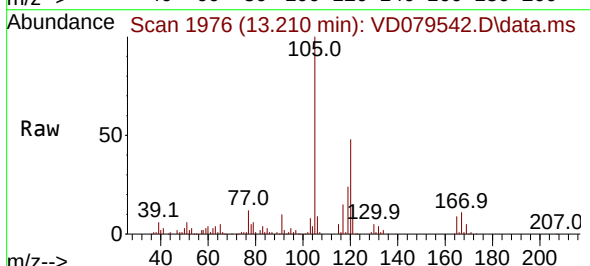
Acq: 02 Aug 2024 15:10

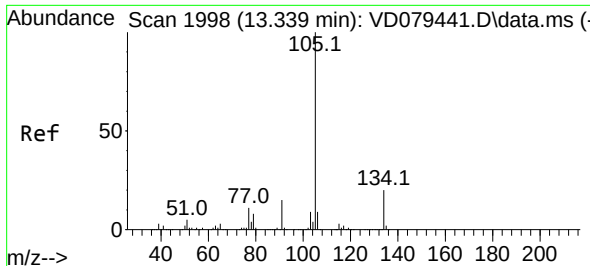
Tgt Ion:105 Resp: 203654

Ion Ratio Lower Upper

105 100

120 46.6 23.6 71.0

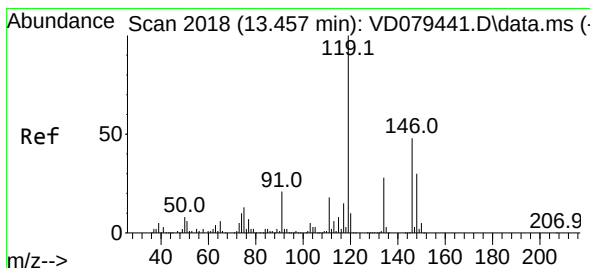
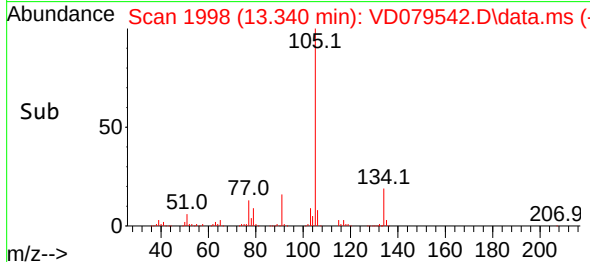
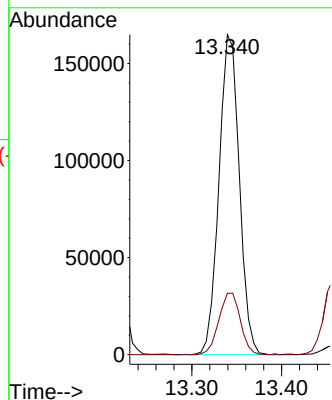
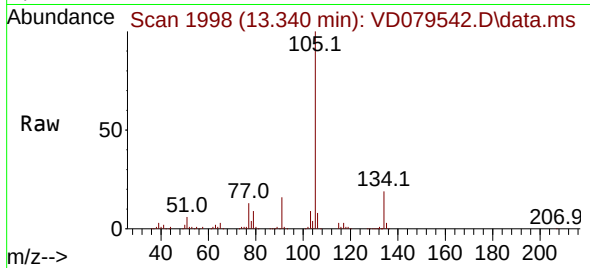




#85  
 sec-Butylbenzene  
 Concen: 22.318 ug/l  
 RT: 13.340 min Scan# 1998  
 Delta R.T. -0.000 min  
 Lab File: VD079542.D  
 Acq: 02 Aug 2024 15:10

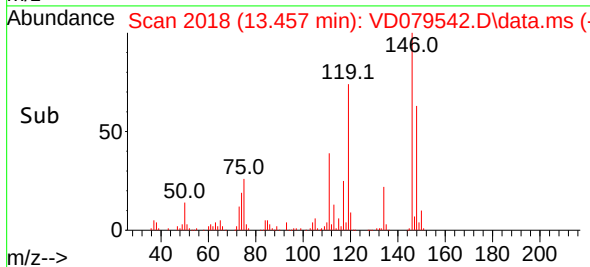
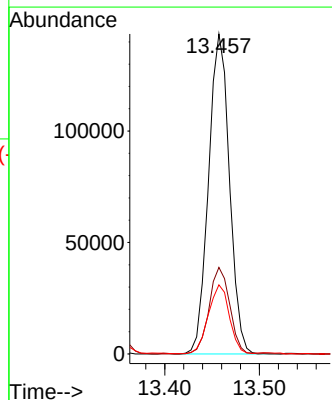
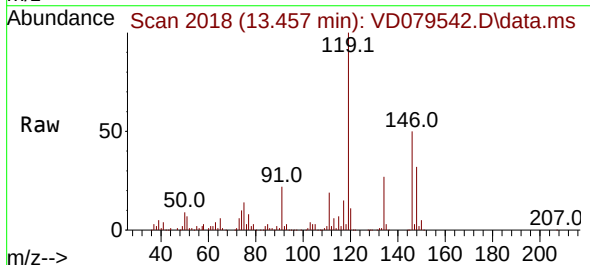
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0802SBS02

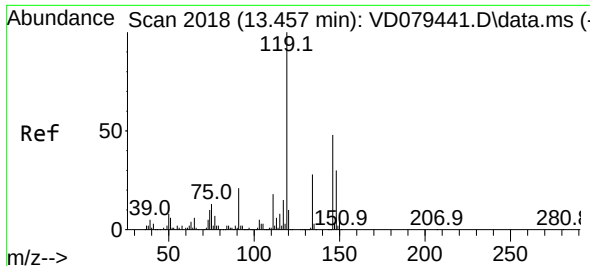
Tgt Ion:105 Resp: 259841  
 Ion Ratio Lower Upper  
 105 100  
 134 20.3 10.3 30.8



#86  
 p-Isopropyltoluene  
 Concen: 22.326 ug/l  
 RT: 13.457 min Scan# 2018  
 Delta R.T. 0.000 min  
 Lab File: VD079542.D  
 Acq: 02 Aug 2024 15:10

Tgt Ion:119 Resp: 220290  
 Ion Ratio Lower Upper  
 119 100  
 134 26.7 13.7 41.1  
 91 21.4 10.7 32.1

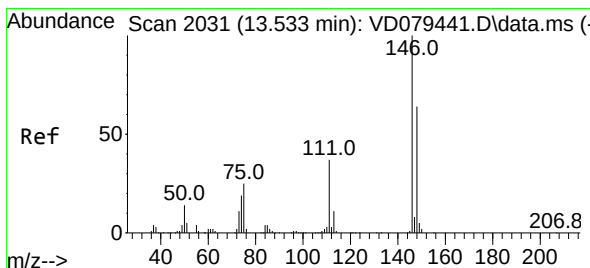
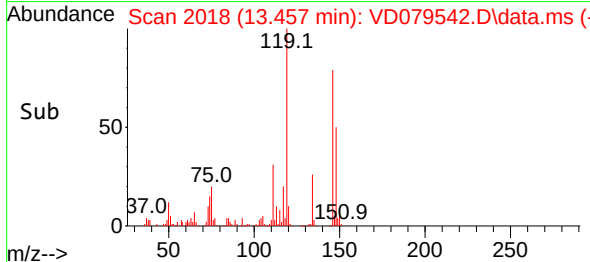
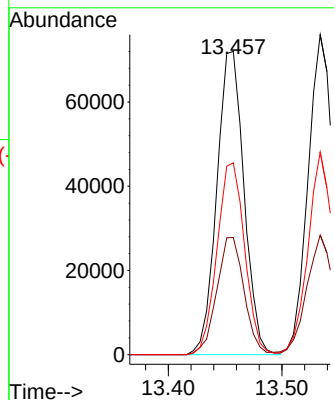
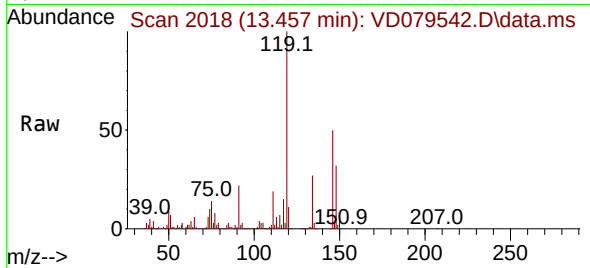




#87  
1,3-Dichlorobenzene  
Concen: 22.014 ug/l  
RT: 13.457 min Scan# 2018  
Delta R.T. 0.006 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

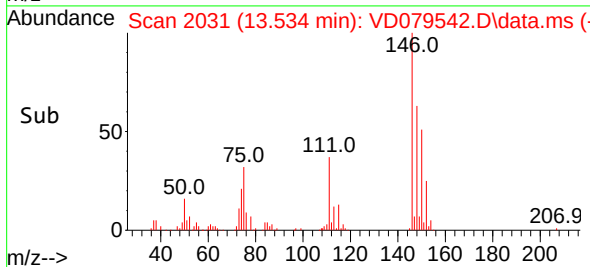
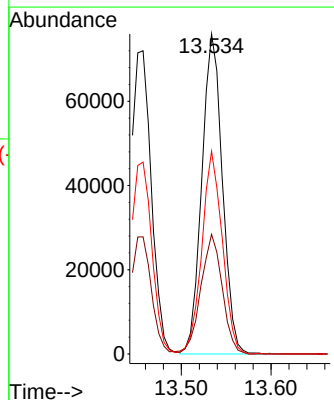
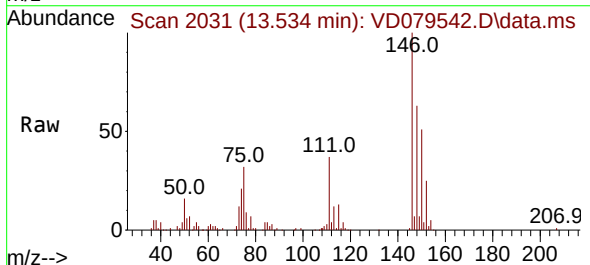
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0802SBS02

Tgt Ion:146 Resp: 120154  
Ion Ratio Lower Upper  
146 100  
111 38.8 18.5 55.5  
148 64.1 30.9 92.8

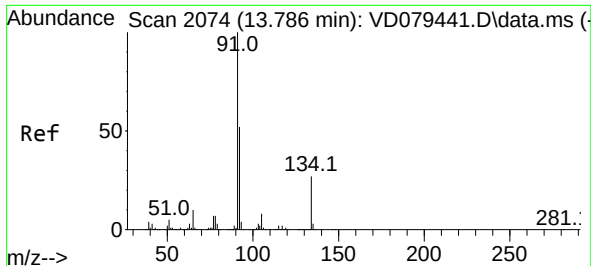


#88  
1,4-Dichlorobenzene  
Concen: 22.548 ug/l  
RT: 13.534 min Scan# 2031  
Delta R.T. 0.000 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

Tgt Ion:146 Resp: 120993  
Ion Ratio Lower Upper  
146 100  
111 38.9 17.5 52.6  
148 63.0 31.4 94.2







#89

n-Butylbenzene

Concen: 22.251 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.006 min

Lab File: VD079542.D

Acq: 02 Aug 2024 15:10

Instrument :

MSVOA\_D

ClientSampleId :

VD0802SBS02

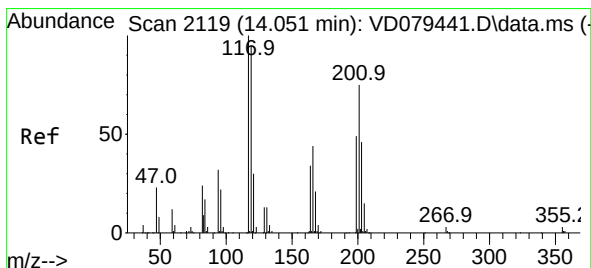
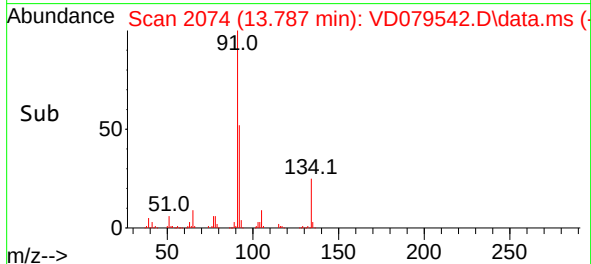
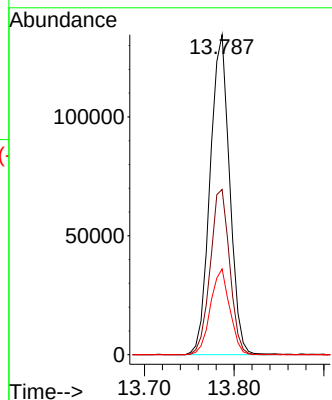
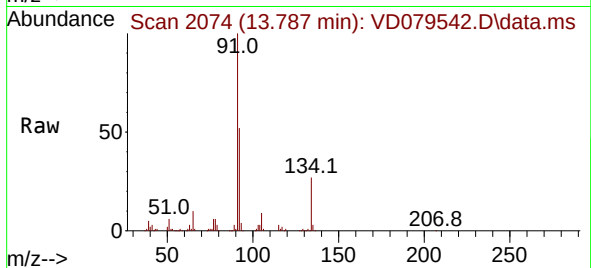
Tgt Ion: 91 Resp: 203275

Ion Ratio Lower Upper

91 100

92 51.4 25.7 77.0

134 26.4 13.6 40.8



#90

Hexachloroethane

Concen: 22.845 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.006 min

Lab File: VD079542.D

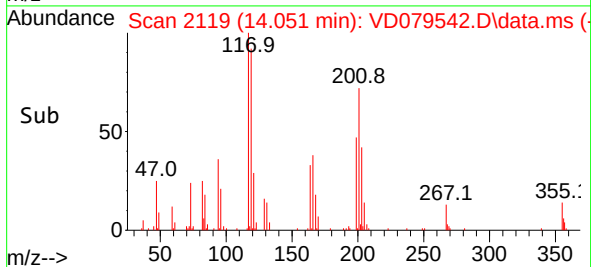
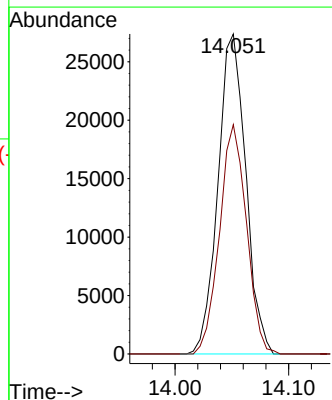
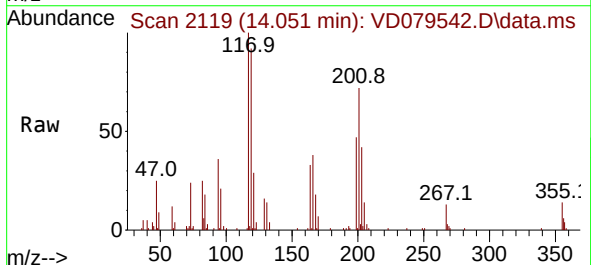
Acq: 02 Aug 2024 15:10

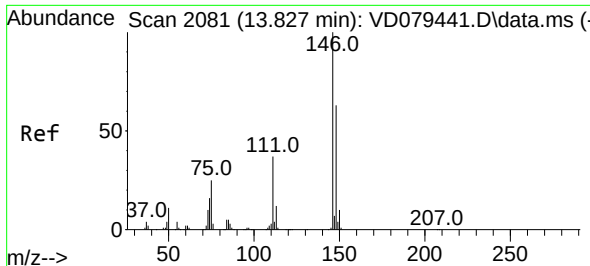
Tgt Ion: 117 Resp: 46522

Ion Ratio Lower Upper

117 100

201 69.5 36.3 108.9

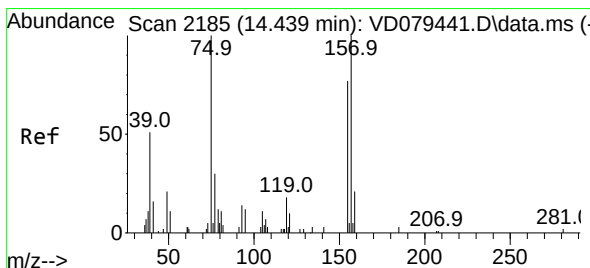
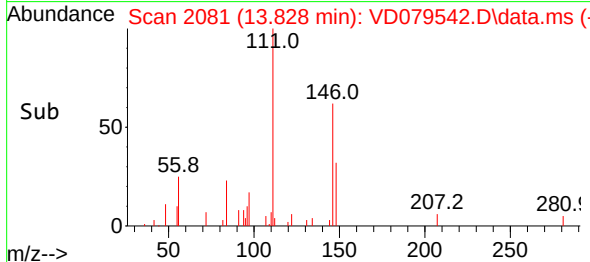
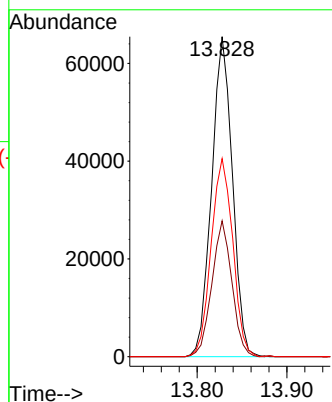
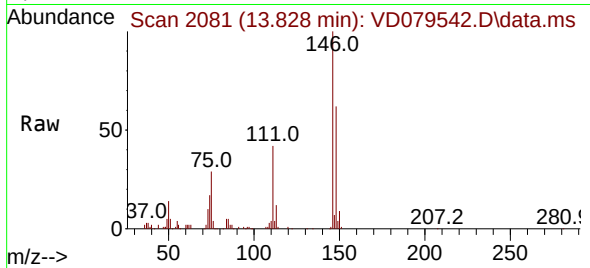




#91  
 1,2-Dichlorobenzene  
 Concen: 22.560 ug/l  
 RT: 13.828 min Scan# 2081  
 Delta R.T. 0.000 min  
 Lab File: VD079542.D  
 Acq: 02 Aug 2024 15:10

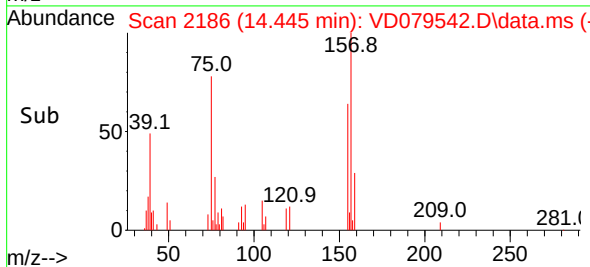
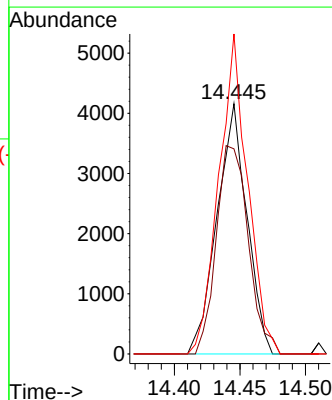
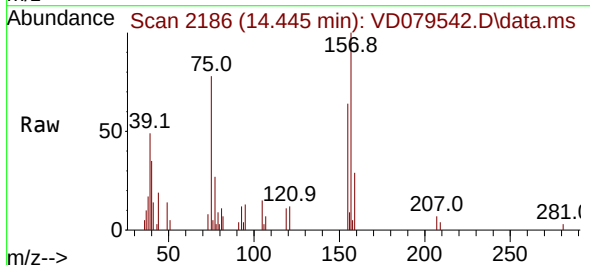
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0802SBS02

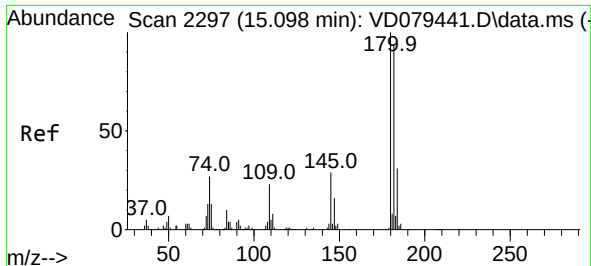
Tgt Ion:146 Resp: 105237  
 Ion Ratio Lower Upper  
 146 100  
 111 41.0 19.1 57.1  
 148 64.5 31.1 93.5



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 24.316 ug/l  
 RT: 14.445 min Scan# 2186  
 Delta R.T. 0.000 min  
 Lab File: VD079542.D  
 Acq: 02 Aug 2024 15:10

Tgt Ion: 75 Resp: 6605  
 Ion Ratio Lower Upper  
 75 100  
 155 88.9 47.7 143.1  
 157 123.0 63.4 190.2

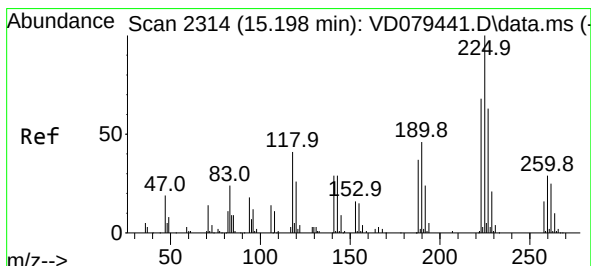
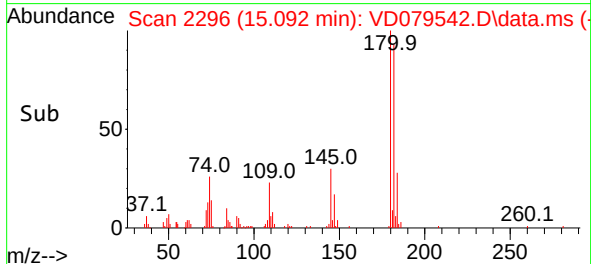
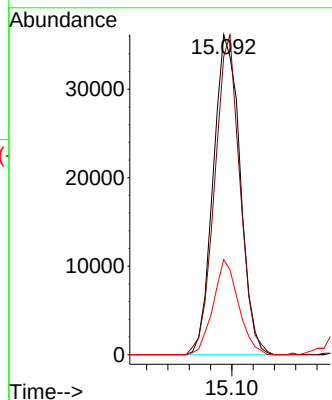
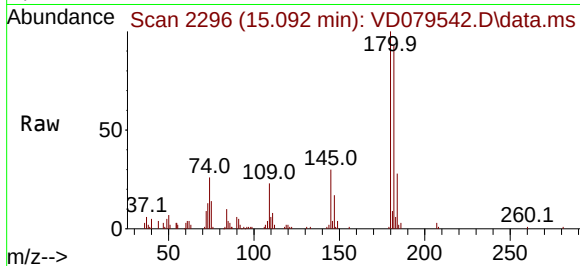




#93  
1,2,4-Trichlorobenzene  
Concen: 21.453 ug/l  
RT: 15.092 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

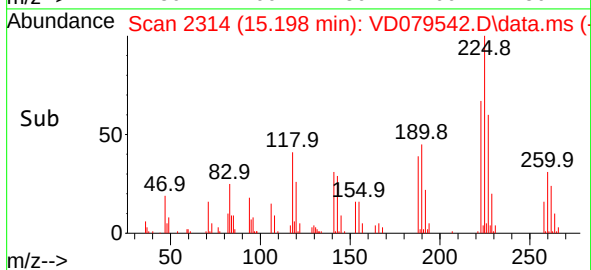
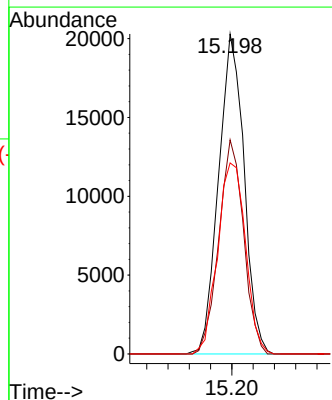
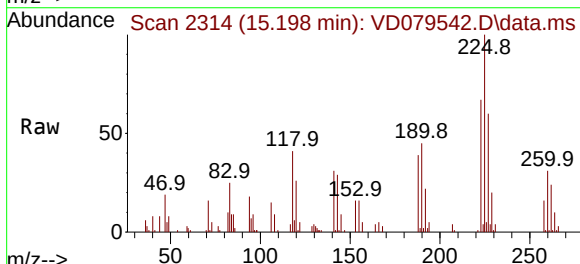
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0802SBS02

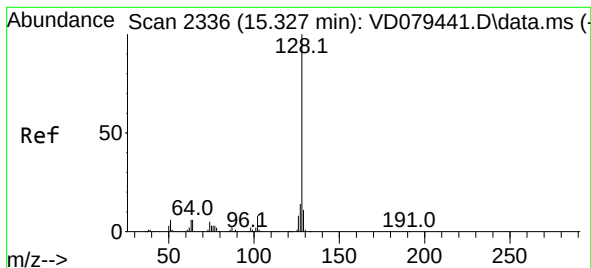
Tgt Ion:180 Resp: 63051  
Ion Ratio Lower Upper  
180 100  
182 93.9 46.9 140.7  
145 28.1 14.0 41.9



#94  
Hexachlorobutadiene  
Concen: 21.201 ug/l  
RT: 15.198 min Scan# 2314  
Delta R.T. 0.000 min  
Lab File: VD079542.D  
Acq: 02 Aug 2024 15:10

Tgt Ion:225 Resp: 33629  
Ion Ratio Lower Upper  
225 100  
223 65.1 33.3 99.9  
227 65.5 33.6 100.6





#95

Naphthalene

Concen: 23.099 ug/l

RT: 15.328 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD079542.D

Acq: 02 Aug 2024 15:10

Instrument :

MSVOA\_D

ClientSampleId :

VD0802SBS02

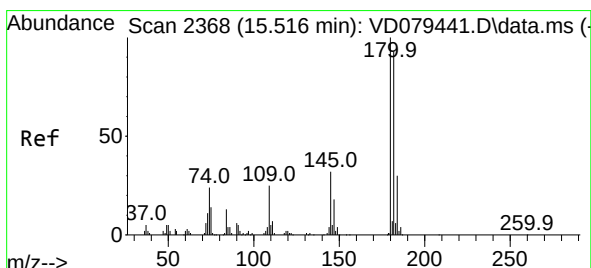
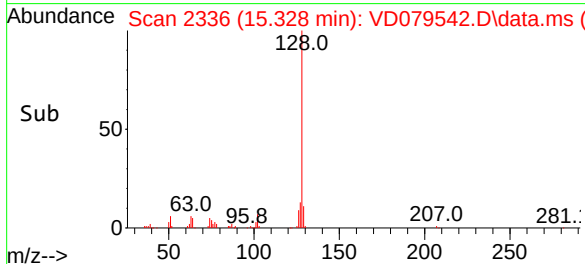
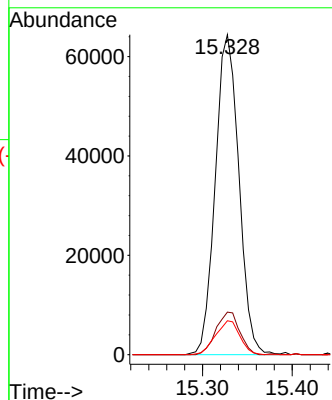
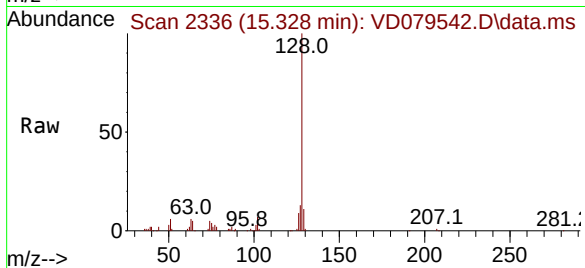
Tgt Ion:128 Resp: 117501

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

129 10.6 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 21.697 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.006 min

Lab File: VD079542.D

Acq: 02 Aug 2024 15:10

Tgt Ion:180 Resp: 56093

Ion Ratio Lower Upper

180 100

182 91.9 47.8 143.3

145 31.0 16.1 48.2

