

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD073124\  
 Data File : VD079523.D  
 Acq On : 01 Aug 2024 05:25  
 Operator : RP/MD  
 Sample : P3374-08MS  
 Misc : 7.06G/5.0ml/MSVOA\_D/SOIL/B  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Aug 01 05:48:47 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   | 122097   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.775  | 114   | 254213   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 11.581 | 117   | 250836   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.516 | 152   | 129753   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 8.228  | 65    | 78732    | 63.474   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | = 126.940% |          |
| 35) Dibromofluoromethane     | 7.804  | 113   | 89670    | 52.115   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | = 104.220% |          |
| 50) Toluene-d8               | 10.269 | 98    | 331479   | 49.609   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 134 | Recovery | = 99.220%  |          |
| 62) 4-Bromofluorobenzene     | 12.569 | 95    | 98004    | 50.685   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 30 - 143 | Recovery | = 101.360% |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.934  | 85    | 28181    | 29.458   | ug/l       | 99       |
| 3) Chloromethane             | 2.146  | 50    | 86759    | 49.219   | ug/l       | 93       |
| 4) Vinyl Chloride            | 2.281  | 62    | 84270    | 40.208   | ug/l       | 99       |
| 5) Bromomethane              | 2.693  | 94    | 87047    | 66.681   | ug/l       | 95       |
| 6) Chloroethane              | 2.834  | 64    | 61304    | 45.519   | ug/l       | 98       |
| 7) Trichlorofluoromethane    | 3.175  | 101   | 70251    | 33.705   | ug/l       | 98       |
| 8) Diethyl Ether             | 3.593  | 74    | 32711    | 51.954   | ug/l       | 81       |
| 9) 1,1,2-Trichlorotrifluo... | 3.969  | 101   | 43274    | 32.826   | ug/l       | 98       |
| 10) Methyl Iodide            | 4.163  | 142   | 84962    | 52.715   | ug/l       | 97       |
| 11) Tert butyl alcohol       | 5.058  | 59    | 12376    | 223.836  | ug/l #     | 95       |
| 12) 1,1-Dichloroethene       | 3.940  | 96    | 52437    | 39.748   | ug/l       | 95       |
| 13) Acrolein                 | 3.793  | 56    | 4734     | 31.389   | ug/l       | 97       |
| 14) Allyl chloride           | 4.563  | 41    | 79214    | 45.472   | ug/l       | 90       |
| 15) Acrylonitrile            | 5.252  | 53    | 69600    | 236.565  | ug/l       | 94       |
| 16) Acetone                  | 4.022  | 43    | 40260    | 167.013  | ug/l       | 90       |
| 17) Carbon Disulfide         | 4.269  | 76    | 196576   | 45.142   | ug/l       | 100      |
| 18) Methyl Acetate           | 4.558  | 43    | 78597    | 105.015  | ug/l #     | 87       |
| 19) Methyl tert-butyl Ether  | 5.322  | 73    | 136646   | 50.744   | ug/l       | 99       |
| 20) Methylene Chloride       | 4.805  | 84    | 160610   | 96.613   | ug/l #     | 84       |
| 21) trans-1,2-Dichloroethene | 5.310  | 96    | 74821    | 50.486   | ug/l       | 88       |
| 22) Diisopropyl ether        | 6.216  | 45    | 220918   | 56.996   | ug/l #     | 91       |
| 23) Vinyl Acetate            | 6.157  | 43    | 353777   | 121.419  | ug/l #     | 92       |
| 24) 1,1-Dichloroethane       | 6.116  | 63    | 144377   | 55.584   | ug/l       | 97       |
| 25) 2-Butanone               | 7.081  | 43    | 66142    | 193.536  | ug/l       | 95       |
| 26) 2,2-Dichloropropane      | 7.075  | 77    | 76346    | 36.338   | ug/l       | 94       |
| 27) cis-1,2-Dichloroethene   | 7.081  | 96    | 121066   | 71.468   | ug/l       | 94       |
| 28) Bromochloromethane       | 7.428  | 49    | 72868    | 63.974   | ug/l #     | 77       |
| 29) Tetrahydrofuran          | 7.440  | 42    | 44168    | 208.541  | ug/l       | 86       |
| 30) Chloroform               | 7.593  | 83    | 158057   | 60.088   | ug/l       | 97       |
| 31) Cyclohexane              | 7.881  | 56    | 60061    | 29.155   | ug/l       | 90       |
| 32) 1,1,1-Trichloroethane    | 7.793  | 97    | 105113   | 48.427   | ug/l       | 98       |
| 36) 1,1-Dichloropropene      | 8.010  | 75    | 79303    | 33.768   | ug/l       | 97       |
| 37) Ethyl Acetate            | 7.169  | 43    | 29363    | 30.495   | ug/l       | 97       |
| 38) Carbon Tetrachloride     | 7.987  | 117   | 84602    | 34.268   | ug/l       | 99       |
| 39) Methylcyclohexane        | 9.275  | 83    | 64801    | 23.126   | ug/l       | 92       |
| 40) Benzene                  | 8.251  | 78    | 335743   | 45.011   | ug/l       | 100      |

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 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Aug 01 05:48:47 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         | 7.404  | 41   | 17653    | 33.330  | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 8.328  | 62   | 82308    | 46.306  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.363  | 43   | 60618    | 33.497  | ug/l # | 79       |
| 44) Trichloroethene           | 9.028  | 130  | 136337   | 73.424  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.304  | 63   | 86436    | 47.617  | ug/l   | 99       |
| 46) Dibromomethane            | 9.398  | 93   | 46983    | 46.688  | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.587  | 83   | 119154   | 48.222  | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.381  | 41   | 32873    | 40.590  | ug/l   | 86       |
| 49) 1,4-Dioxane               | 9.387  | 88   | 7287     | 698.828 | ug/l # | 79       |
| 51) 4-Methyl-2-Pentanone      | 10.157 | 43   | 166892   | 180.635 | ug/l   | 94       |
| 52) Toluene                   | 10.334 | 92   | 205307   | 44.504  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.551 | 75   | 95895    | 42.025  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.016 | 75   | 121664   | 44.326  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.734 | 97   | 59266    | 44.708  | ug/l   | 93       |
| 56) Ethyl methacrylate        | 10.598 | 69   | 55826    | 35.542  | ug/l   | 92       |
| 57) 1,3-Dichloropropane       | 10.875 | 76   | 99521    | 44.180  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.869  | 63   | 146034   | 201.601 | ug/l   | 92       |
| 59) 2-Hexanone                | 10.922 | 43   | 101334   | 157.262 | ug/l   | 96       |
| 60) Dibromochloromethane      | 11.075 | 129  | 77729    | 44.885  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.181 | 107  | 53379    | 42.982  | ug/l   | 91       |
| 64) Tetrachloroethene         | 10.804 | 164  | 68626    | 40.574  | ug/l   | 92       |
| 65) Chlorobenzene             | 11.604 | 112  | 236610   | 42.598  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.681 | 131  | 84342    | 46.152  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.681 | 91   | 358611   | 39.438  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.792 | 106  | 293972   | 81.489  | ug/l   | 95       |
| 69) o-Xylene                  | 12.122 | 106  | 143872   | 43.510  | ug/l   | 94       |
| 70) Styrene                   | 12.134 | 104  | 259756   | 44.807  | ug/l   | 98       |
| 71) Bromoform                 | 12.298 | 173  | 41997    | 40.651  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.422 | 105  | 318074   | 33.983  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.234 | 43   | 47230    | 24.748  | ug/l   | 90       |
| 75) 1,1,2,2-Tetrachloroethane | 12.669 | 83   | 62380    | 37.007  | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane    | 12.722 | 75   | 73077    | 64.432  | ug/l # | 100      |
| 77) Bromobenzene              | 12.698 | 156  | 92410    | 42.474  | ug/l   | 94       |
| 78) n-propylbenzene           | 12.763 | 91   | 388909   | 35.857  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.845 | 91   | 246071   | 40.745  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 12.904 | 105  | 285946   | 39.562  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.469 | 75   | 18437    | 31.004  | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 12.945 | 91   | 261501   | 41.536  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.163 | 119  | 225154   | 33.454  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.210 | 105  | 300008   | 37.792  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.339 | 105  | 320918   | 33.382  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.457 | 119  | 275319   | 31.798  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.457 | 146  | 182784   | 40.558  | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene       | 13.534 | 146  | 182786   | 41.254  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.786 | 91   | 237583   | 29.925  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.051 | 117  | 66691    | 39.662  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.828 | 146  | 161846   | 42.020  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.439 | 75   | 7615     | 33.952  | ug/l   | 93       |
| 93) 1,2,4-Trichlorobenzene    | 15.098 | 180  | 89785    | 36.998  | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.198 | 225  | 39975    | 30.521  | ug/l   | 95       |
| 95) Naphthalene               | 15.328 | 128  | 143879   | 34.255  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.522 | 180  | 76726    | 35.942  | ug/l   | 98       |

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ALS Vial : 43 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Aug 01 05:48:47 2024  
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Quant Title : SW846 8260  
QLast Update : Tue Jul 30 03:50:47 2024  
Response via : Initial Calibration

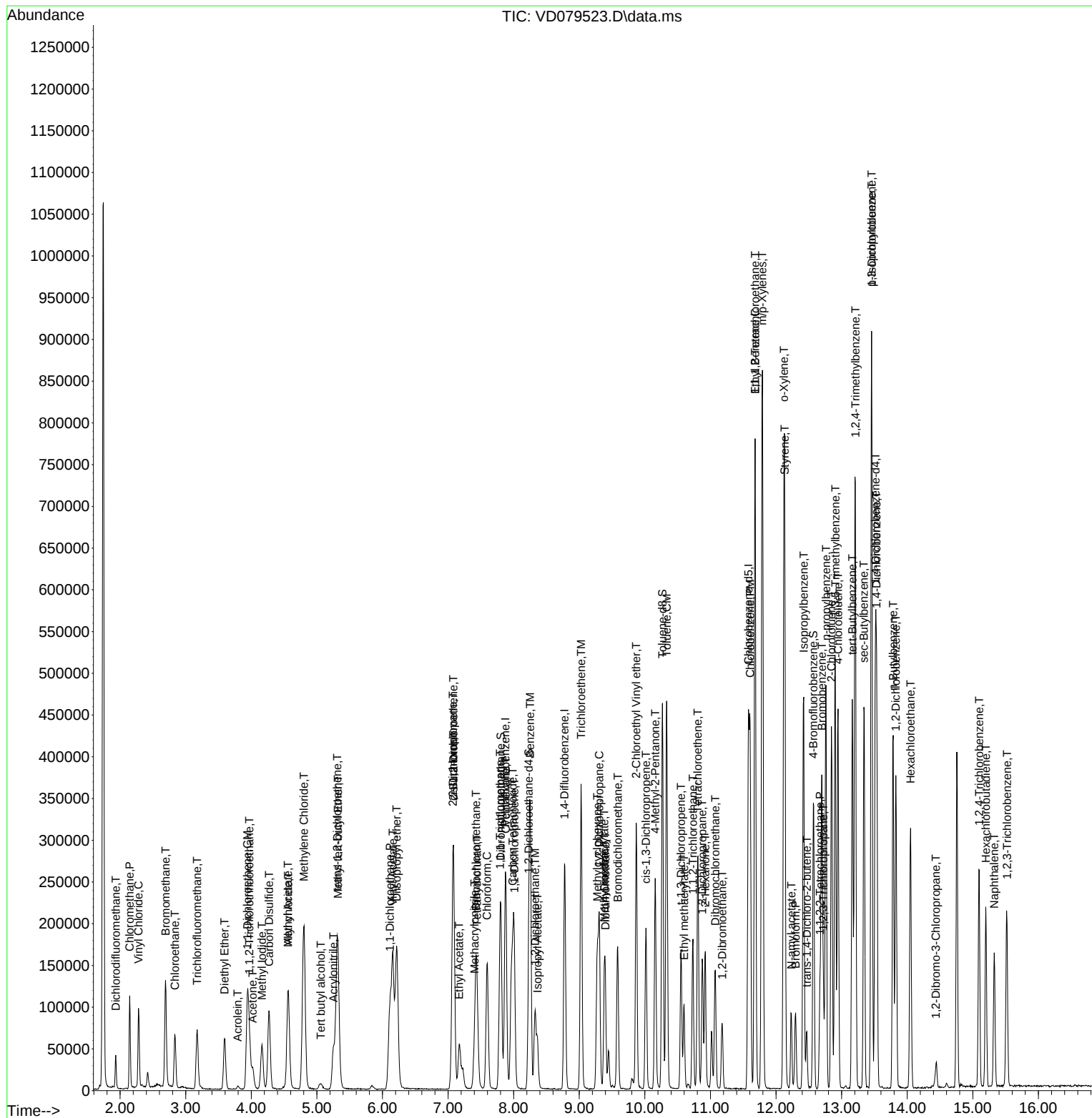
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

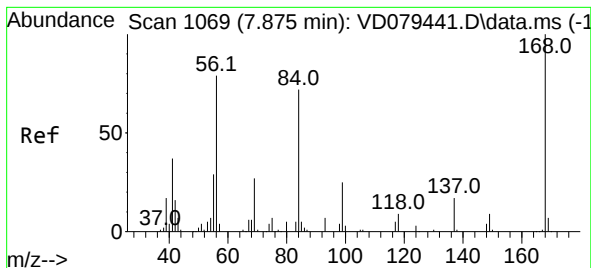
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD079523.D

Acq: 01 Aug 2024 05:25

Instrument :

MSVOA\_D

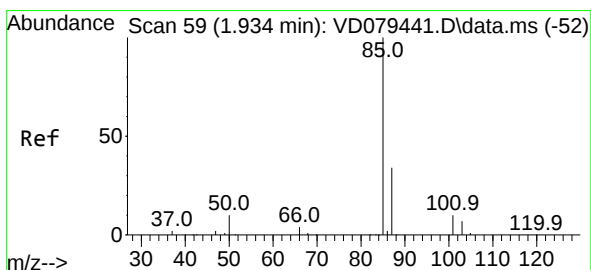
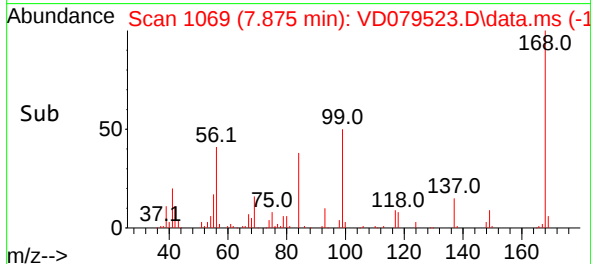
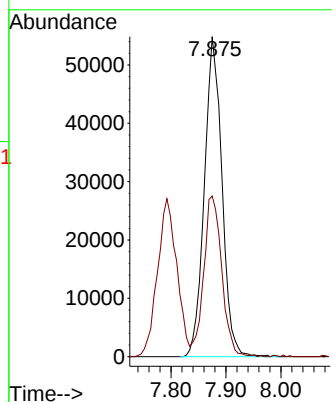
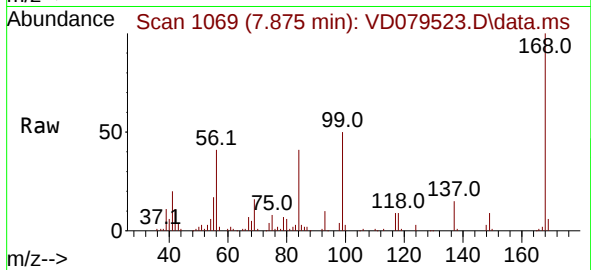
ClientSampleId :

Tgt Ion:168 Resp: 122097

Ion Ratio Lower Upper

168 100

99 50.2 41.1 61.7



#2

Dichlorodifluoromethane

Concen: 29.458 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.006 min

Lab File: VD079523.D

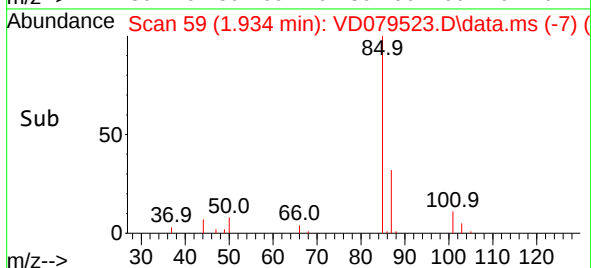
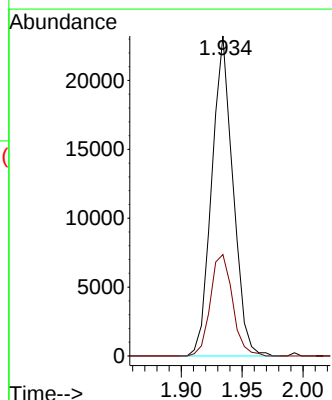
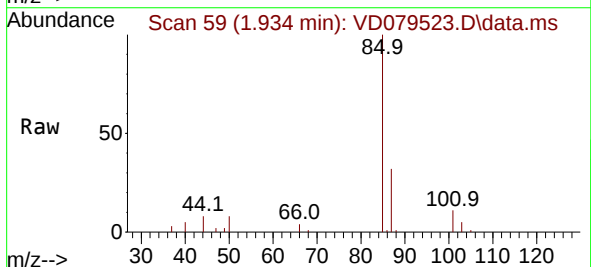
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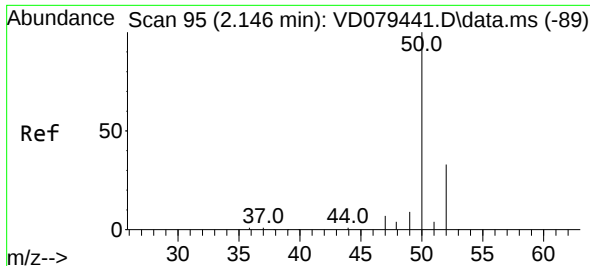
Tgt Ion: 85 Resp: 28181

Ion Ratio Lower Upper

85 100

87 31.7 16.0 48.0

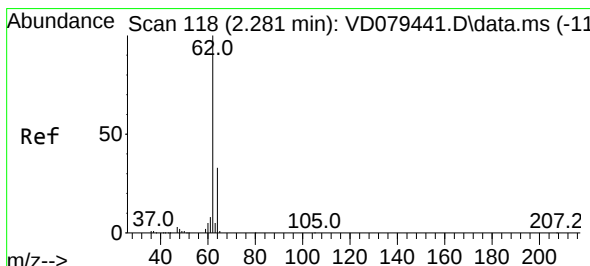
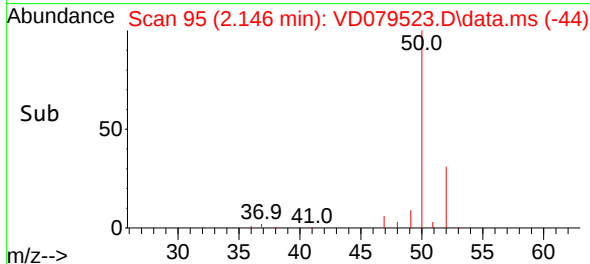
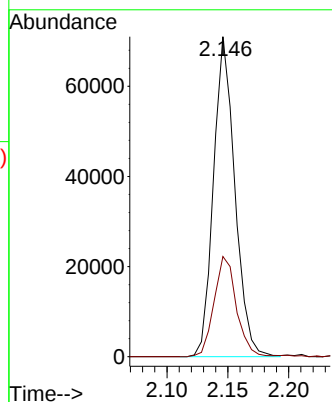
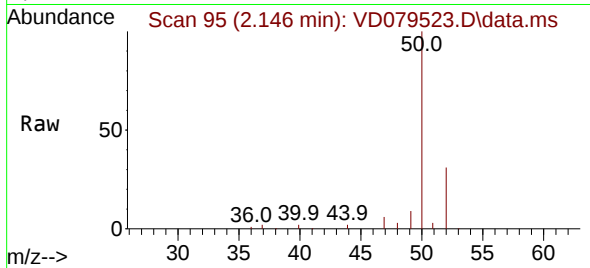




#3  
Chloromethane  
Concen: 49.219 ug/l  
RT: 2.146 min Scan# 95  
Delta R.T. -0.000 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

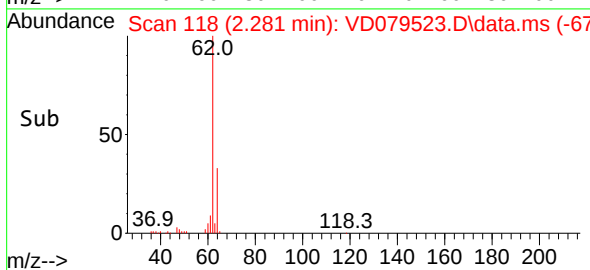
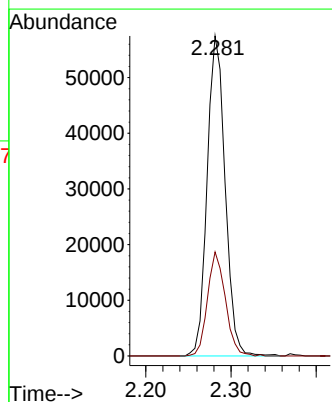
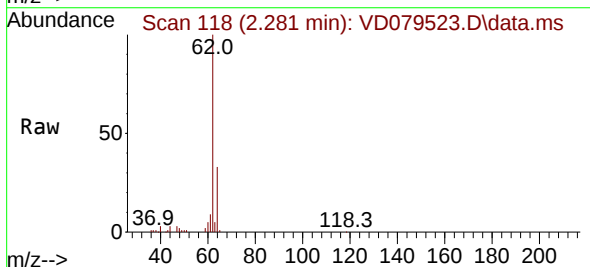
Instrument :  
MSVOA\_D  
ClientSampleId :

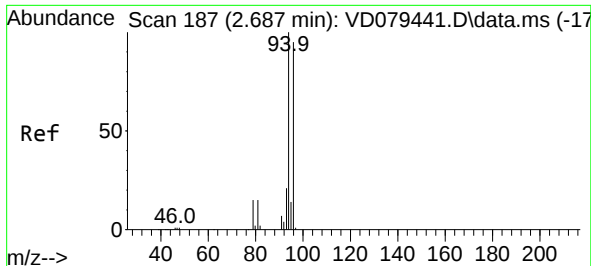
Tgt Ion: 50 Resp: 86759  
Ion Ratio Lower Upper  
50 100  
52 31.3 28.2 42.2



#4  
Vinyl Chloride  
Concen: 40.208 ug/l  
RT: 2.281 min Scan# 118  
Delta R.T. -0.000 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

Tgt Ion: 62 Resp: 84270  
Ion Ratio Lower Upper  
62 100  
64 32.5 26.3 39.5

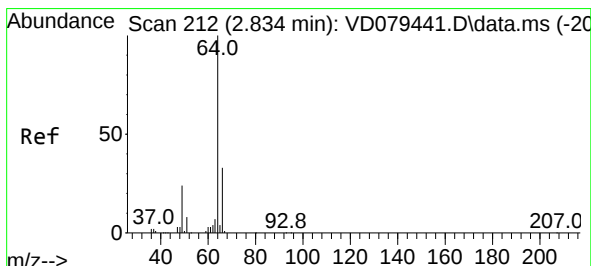
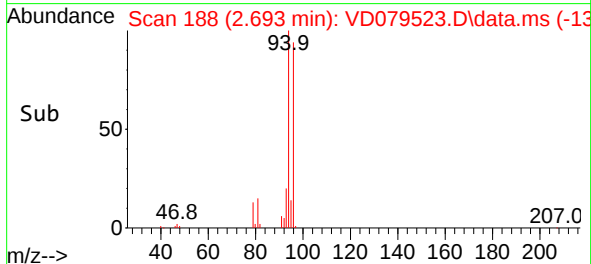
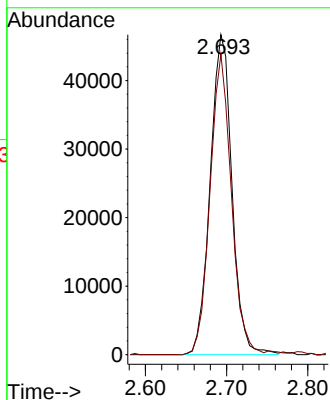
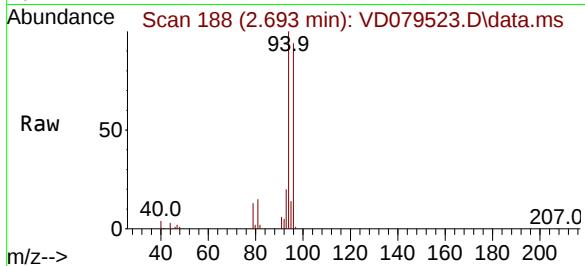




#5  
Bromomethane  
Concen: 66.681 ug/l  
RT: 2.693 min Scan# 187  
Delta R.T. 0.006 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

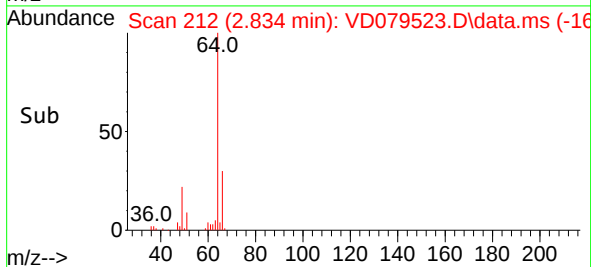
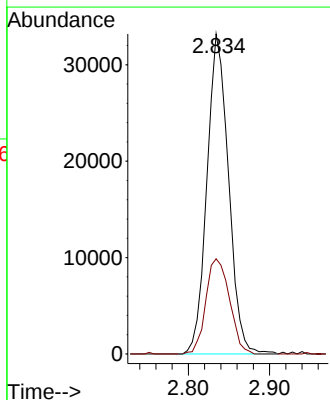
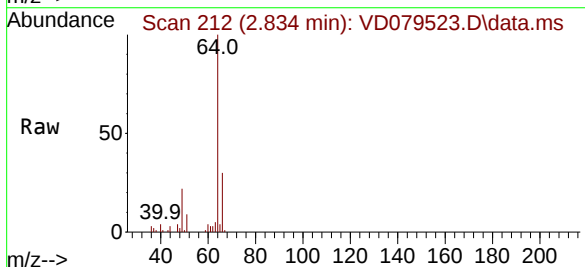
Instrument :  
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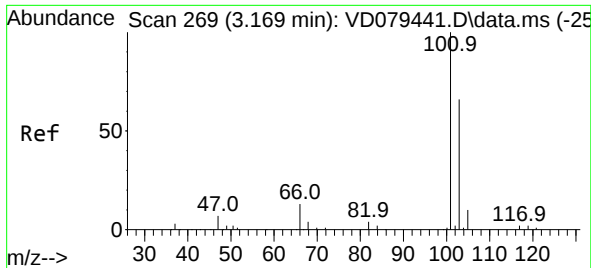
Tgt Ion: 94 Resp: 87047  
Ion Ratio Lower Upper  
94 100  
96 91.5 76.9 115.3



#6  
Chloroethane  
Concen: 45.519 ug/l  
RT: 2.834 min Scan# 212  
Delta R.T. 0.006 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

Tgt Ion: 64 Resp: 61304  
Ion Ratio Lower Upper  
64 100  
66 29.8 24.5 36.7

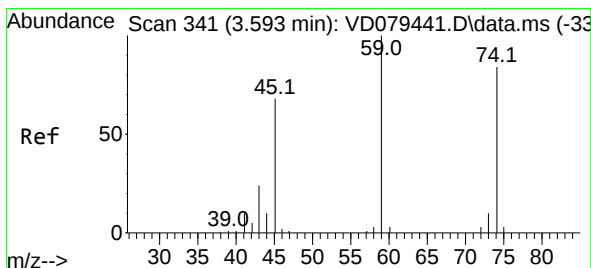
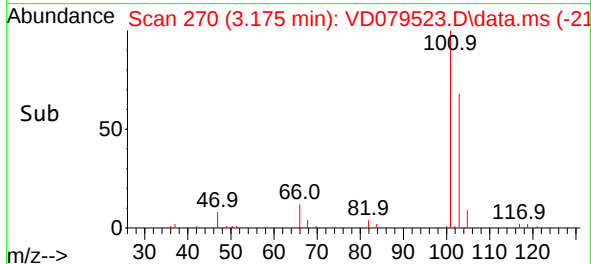
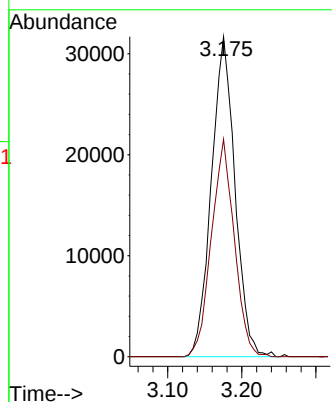
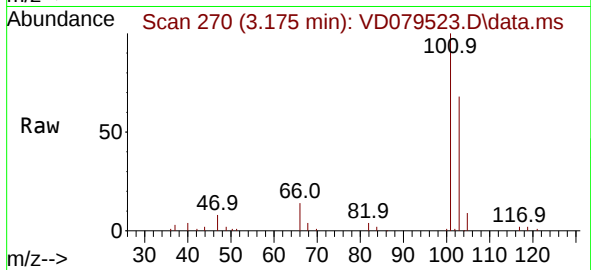




#7  
 Trichlorofluoromethane  
 Concen: 33.705 ug/l  
 RT: 3.175 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: VD079523.D  
 Acq: 01 Aug 2024 05:25

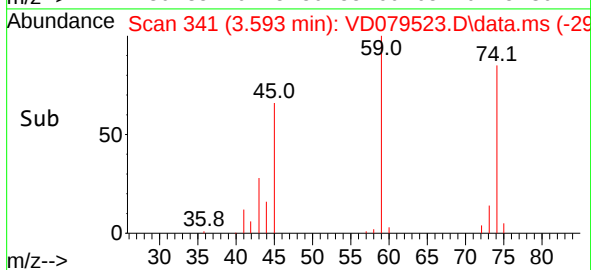
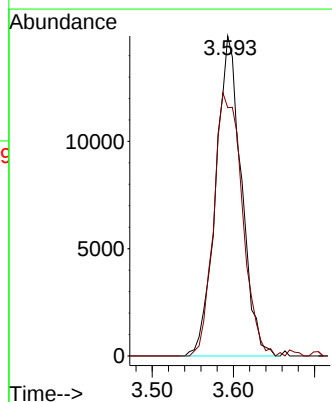
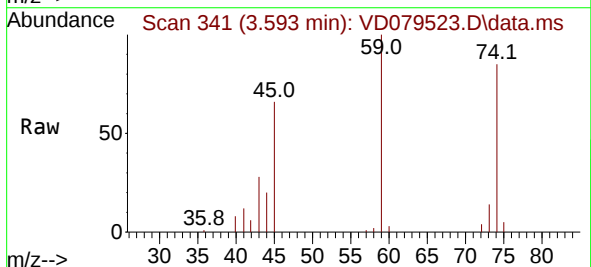
Instrument :  
 MSVOA\_D  
 ClientSampleId :

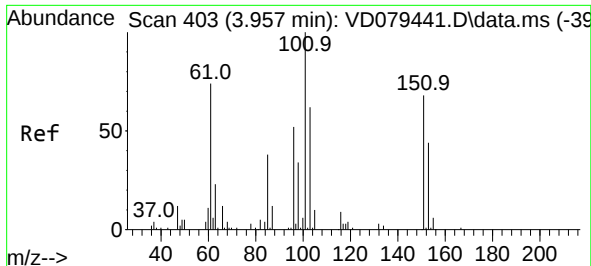
Tgt Ion:101 Resp: 70251  
 Ion Ratio Lower Upper  
 101 100  
 103 67.9 53.2 79.8



#8  
 Diethyl Ether  
 Concen: 51.954 ug/l  
 RT: 3.593 min Scan# 341  
 Delta R.T. -0.000 min  
 Lab File: VD079523.D  
 Acq: 01 Aug 2024 05:25

Tgt Ion: 74 Resp: 32711  
 Ion Ratio Lower Upper  
 74 100  
 45 91.7 37.9 113.6

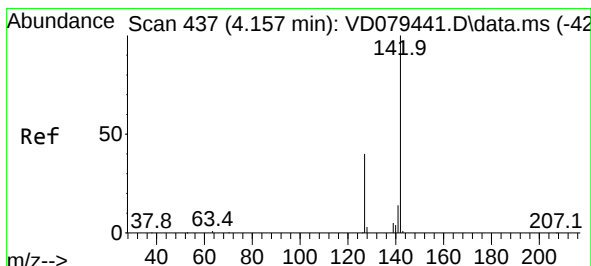
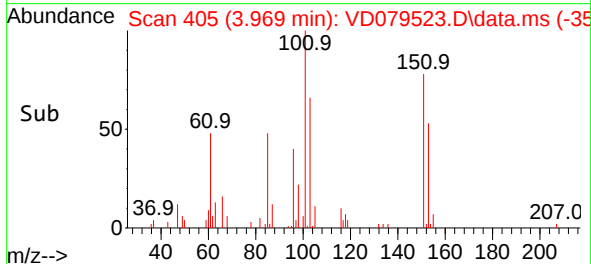
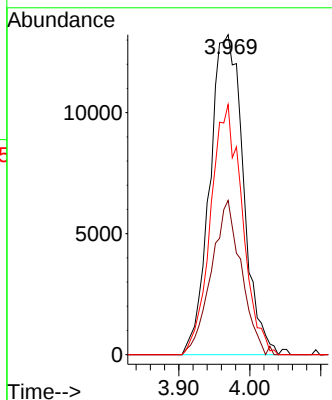
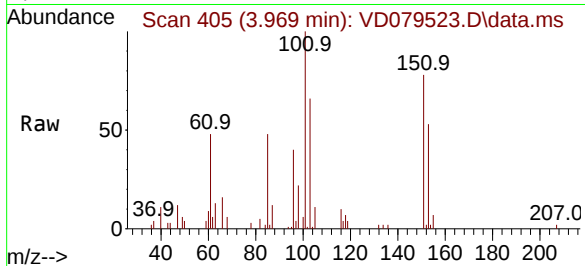




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 32.826 ug/l  
RT: 3.969 min Scan# 403  
Delta R.T. 0.006 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

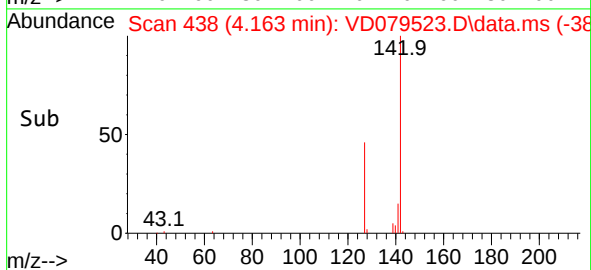
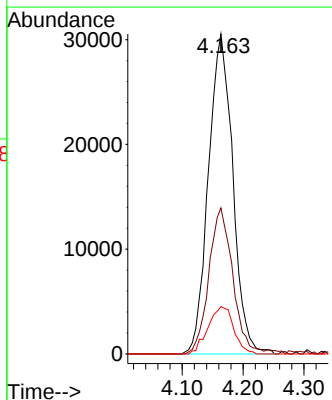
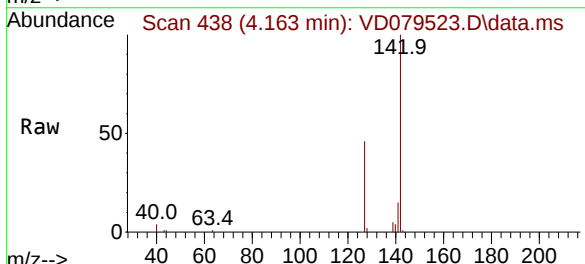
Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion:101 Resp: 43274  
Ion Ratio Lower Upper  
101 100  
85 43.2 33.5 50.3  
151 73.7 60.3 90.5



#10  
Methyl Iodide  
Concen: 52.715 ug/l  
RT: 4.163 min Scan# 438  
Delta R.T. 0.011 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

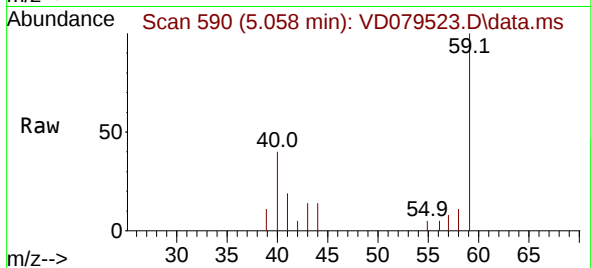
Tgt Ion:142 Resp: 84962  
Ion Ratio Lower Upper  
142 100  
127 44.5 34.2 51.4  
141 15.5 11.7 17.5



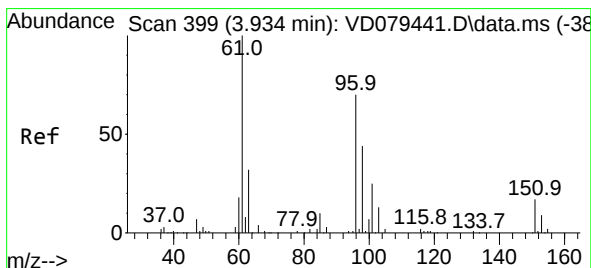
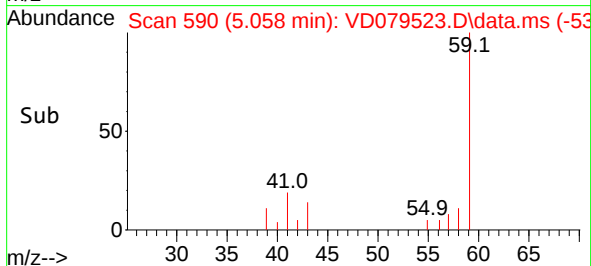
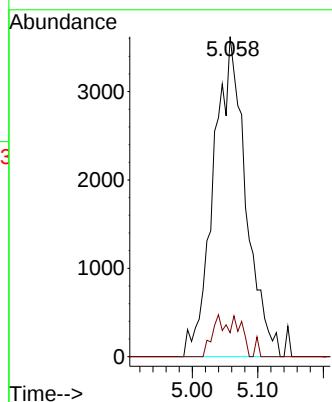


#11  
Tert butyl alcohol  
Concen: 223.836 ug/l  
RT: 5.058 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

Instrument :  
MSVOA\_D  
ClientSampleId :

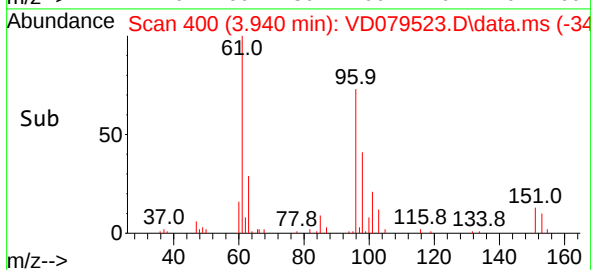
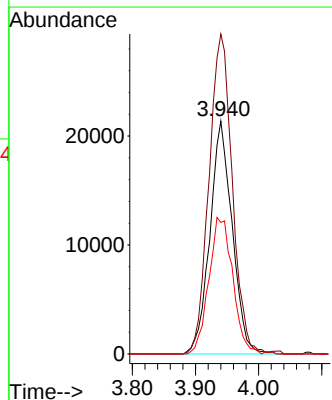
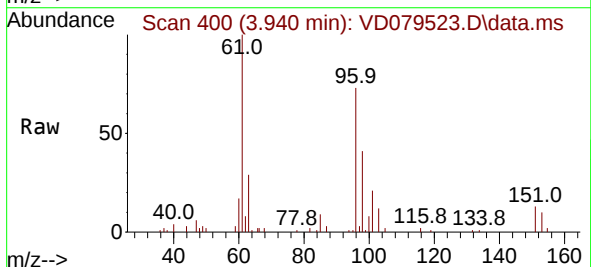


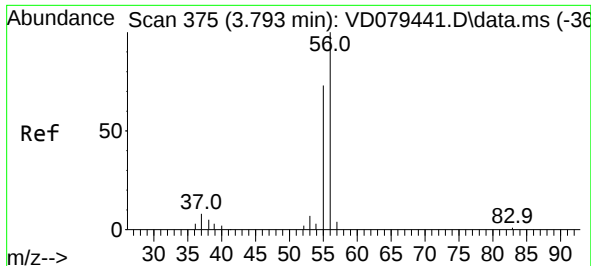
Tgt Ion: 59 Resp: 12376  
Ion Ratio Lower Upper  
59 100  
57 6.0 3.6 5.4#



#12  
1,1-Dichloroethene  
Concen: 39.748 ug/l  
RT: 3.940 min Scan# 400  
Delta R.T. 0.012 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

Tgt Ion: 96 Resp: 52437  
Ion Ratio Lower Upper  
96 100  
61 137.3 107.3 160.9  
98 56.4 51.7 77.5





#13

Acrolein

Concen: 31.389 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD079523.D

Acq: 01 Aug 2024 05:25

Instrument :

MSVOA\_D

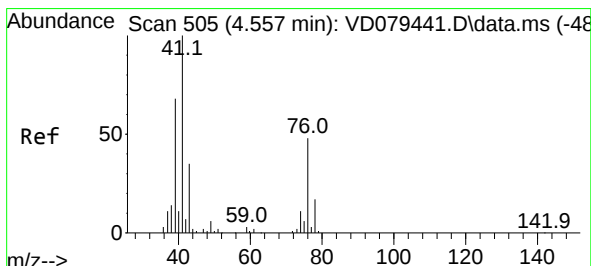
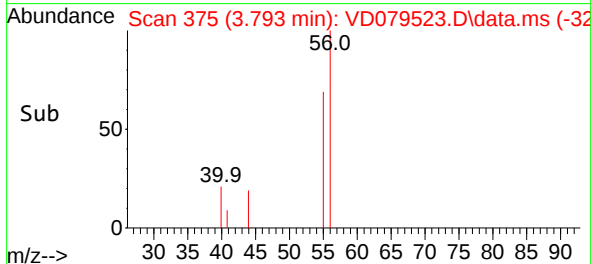
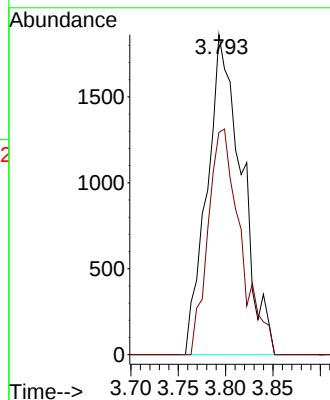
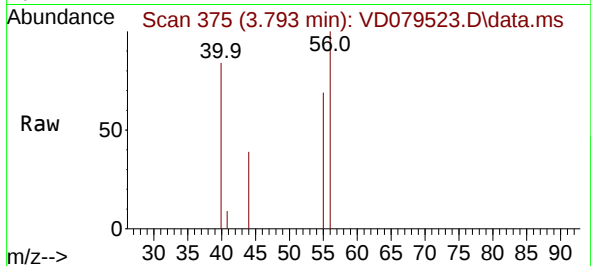
ClientSampleId :

Tgt Ion: 56 Resp: 4734

Ion Ratio Lower Upper

56 100

55 66.3 55.3 82.9



#14

Allyl chloride

Concen: 45.472 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.012 min

Lab File: VD079523.D

Acq: 01 Aug 2024 05:25

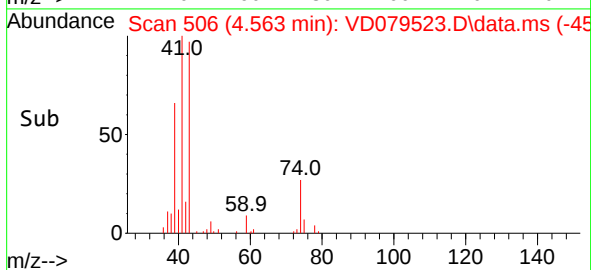
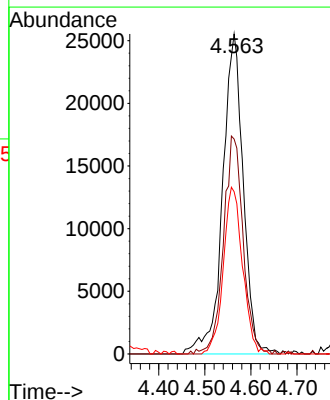
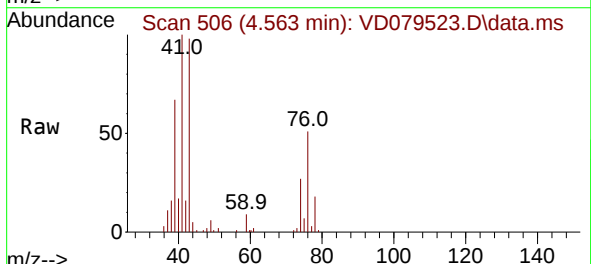
Tgt Ion: 41 Resp: 79214

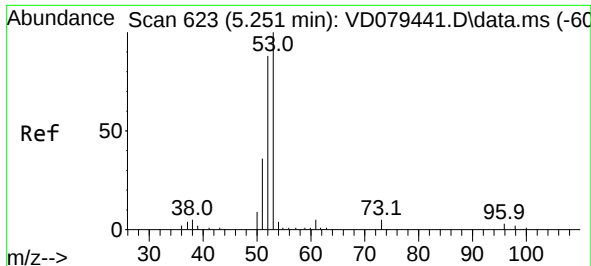
Ion Ratio Lower Upper

41 100

39 65.0 58.0 87.0

76 48.6 45.9 68.9

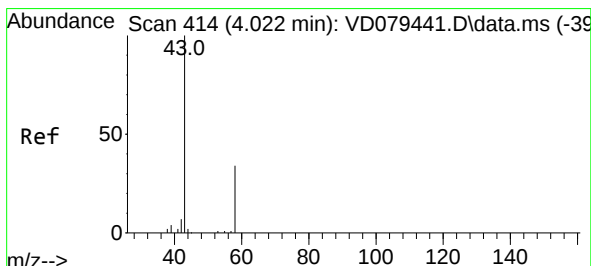
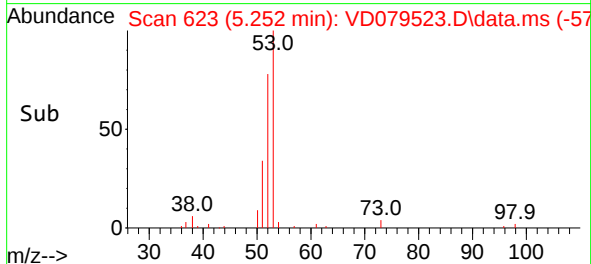
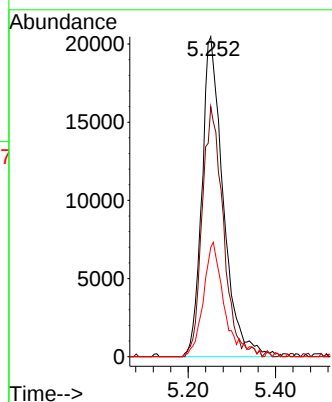
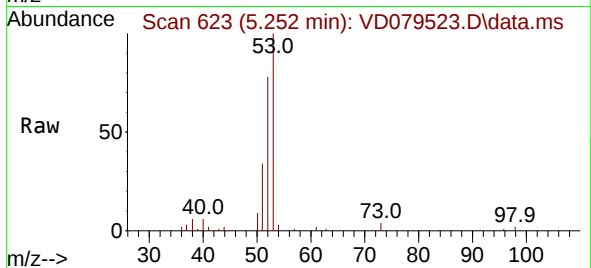




#15  
Acrylonitrile  
Concen: 236.565 ug/l  
RT: 5.252 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

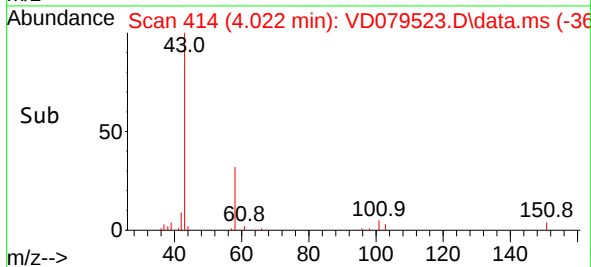
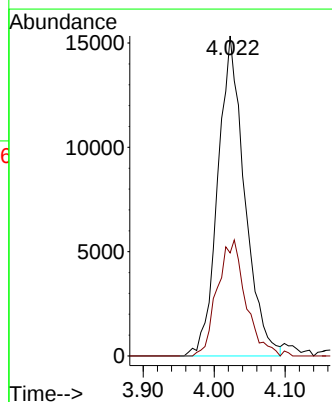
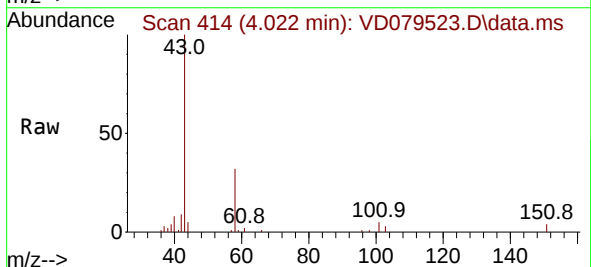
Instrument :  
MSVOA\_D  
ClientSampleId :

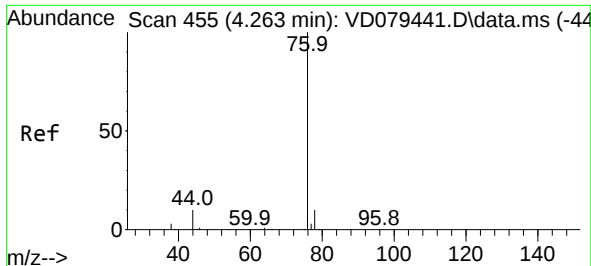
Tgt Ion: 53 Resp: 69600  
Ion Ratio Lower Upper  
53 100  
52 77.1 67.7 101.5  
51 35.2 28.6 42.8



#16  
Acetone  
Concen: 167.013 ug/l  
RT: 4.022 min Scan# 414  
Delta R.T. -0.000 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

Tgt Ion: 43 Resp: 40260  
Ion Ratio Lower Upper  
43 100  
58 32.2 30.4 45.6

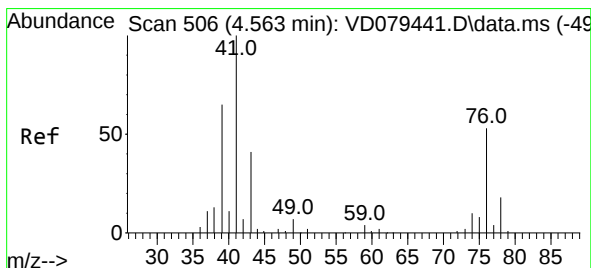
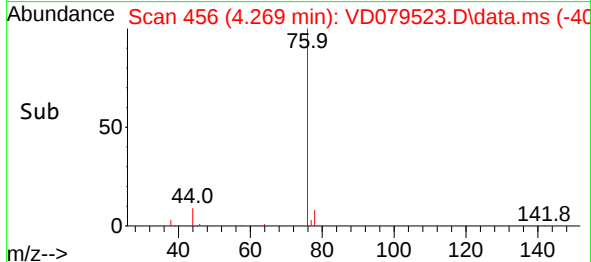
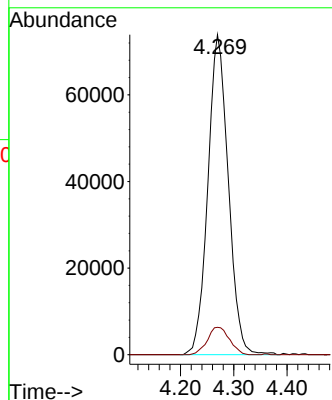
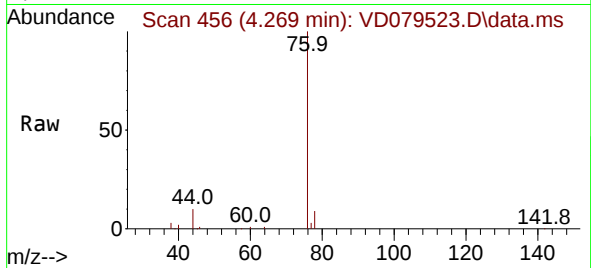




#17  
Carbon Disulfide  
Concen: 45.142 ug/l  
RT: 4.269 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

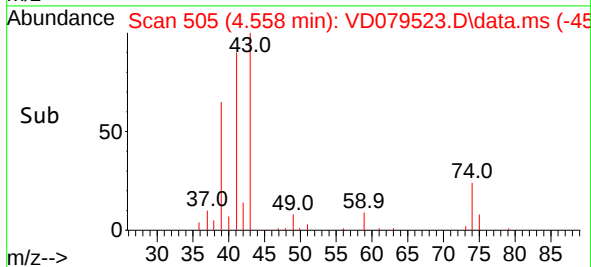
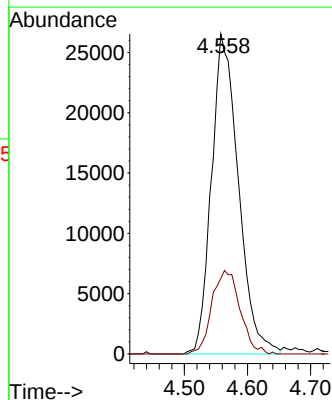
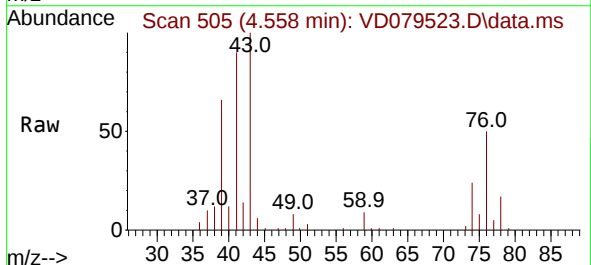
Instrument :  
MSVOA\_D  
ClientSampleId :

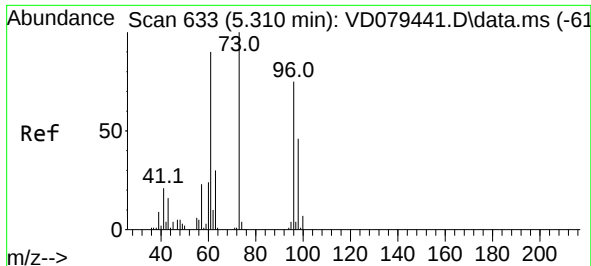
Tgt Ion: 76 Resp: 196576  
Ion Ratio Lower Upper  
76 100  
78 8.5 6.9 10.3



#18  
Methyl Acetate  
Concen: 105.015 ug/l  
RT: 4.558 min Scan# 505  
Delta R.T. -0.012 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

Tgt Ion: 43 Resp: 78597  
Ion Ratio Lower Upper  
43 100  
74 27.3 28.1 42.1#

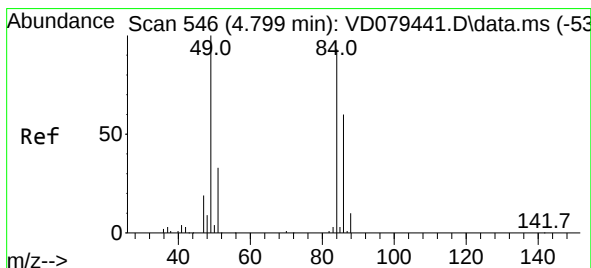
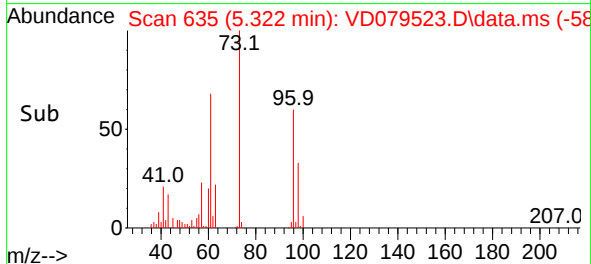
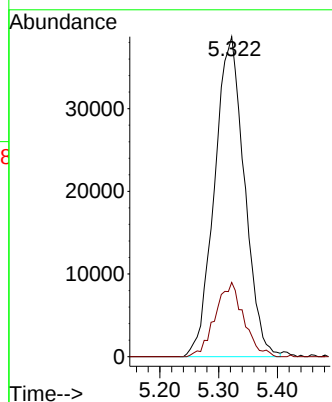
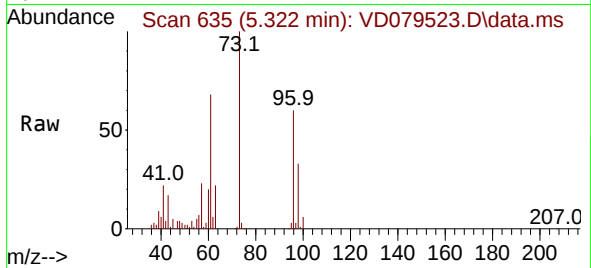




#19  
Methyl tert-butyl Ether  
Concen: 50.744 ug/l  
RT: 5.322 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

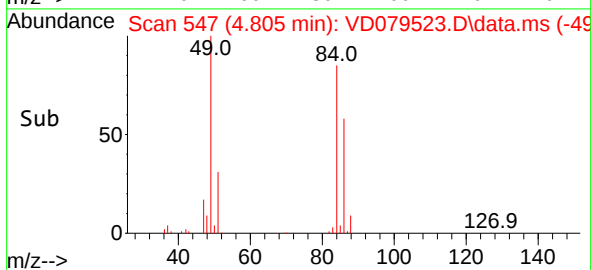
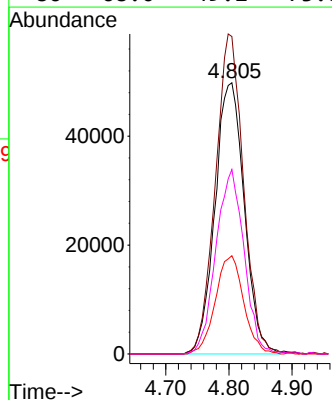
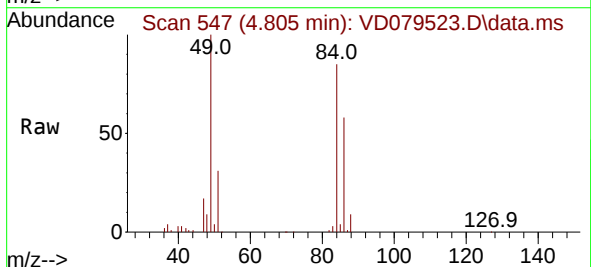
Instrument :  
MSVOA\_D  
ClientSampleId :

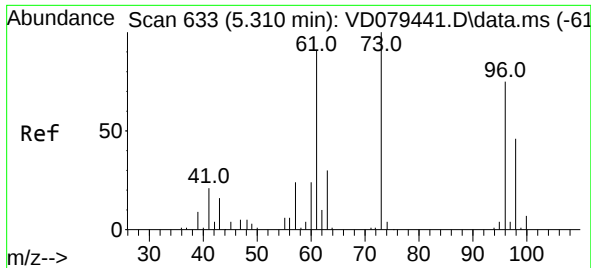
Tgt Ion: 73 Resp: 136646  
Ion Ratio Lower Upper  
73 100  
57 23.2 18.3 27.5



#20  
Methylene Chloride  
Concen: 96.613 ug/l  
RT: 4.805 min Scan# 547  
Delta R.T. 0.006 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

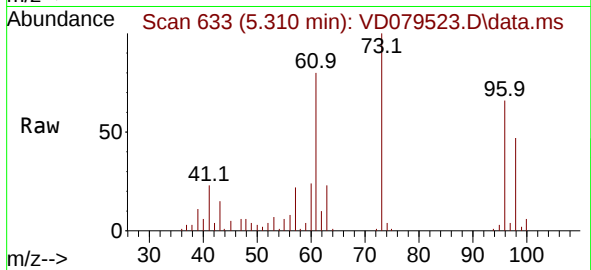
Tgt Ion: 84 Resp: 160610  
Ion Ratio Lower Upper  
84 100  
49 117.0 75.6 113.4#  
51 36.2 24.2 36.2#  
86 68.0 49.2 73.8



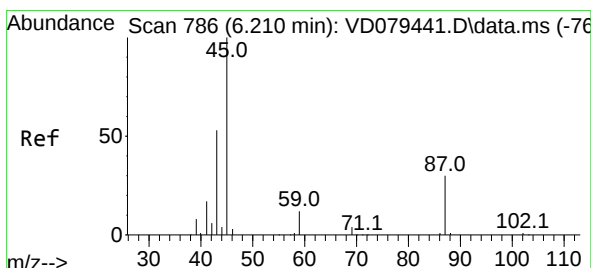
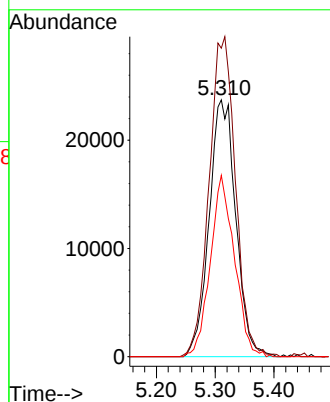
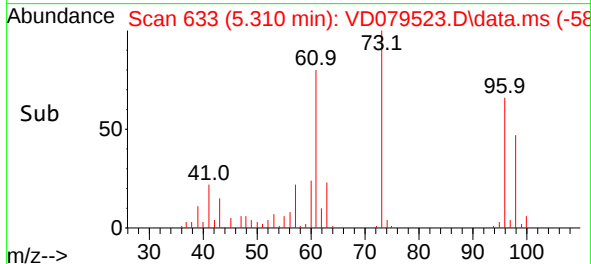


#21  
trans-1,2-Dichloroethene  
Concen: 50.486 ug/l  
RT: 5.310 min Scan# 611  
Delta R.T. -0.000 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

Instrument :  
MSVOA\_D  
ClientSampleId :

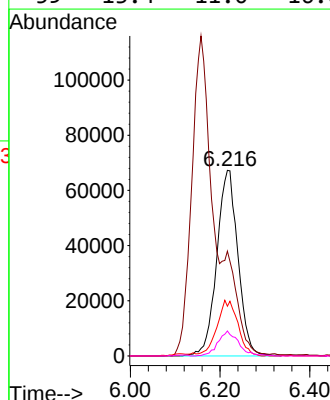
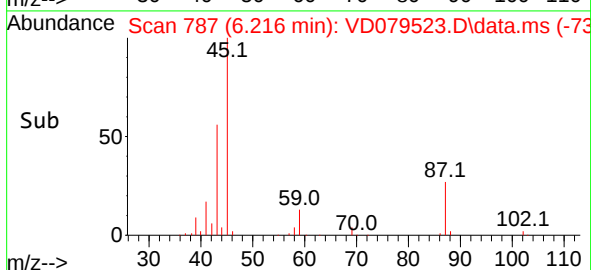
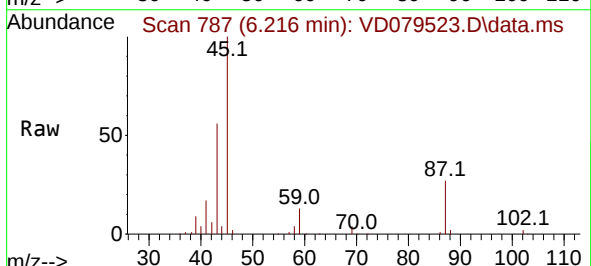


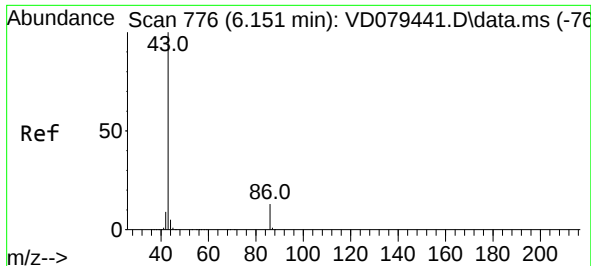
Tgt Ion: 96 Resp: 74821  
Ion Ratio Lower Upper  
96 100  
61 120.1 84.5 126.7  
98 70.6 50.5 75.7



#22  
Diisopropyl ether  
Concen: 56.996 ug/l  
RT: 6.216 min Scan# 787  
Delta R.T. 0.006 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

Tgt Ion: 45 Resp: 220918  
Ion Ratio Lower Upper  
45 100  
43 55.8 41.7 62.5  
87 26.8 30.2 45.2#  
59 13.4 11.0 16.6

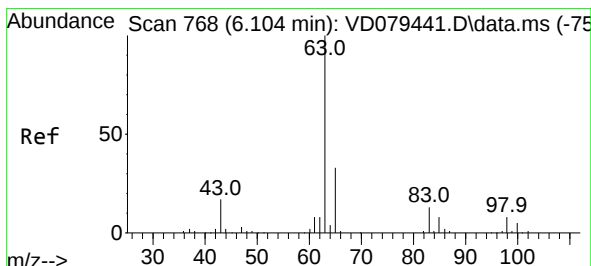
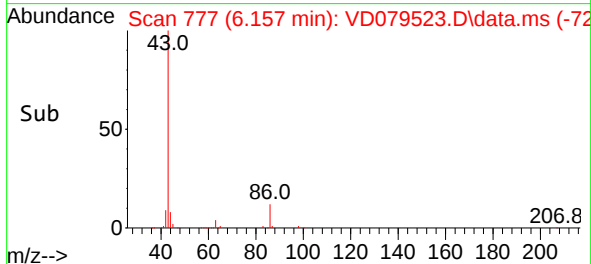
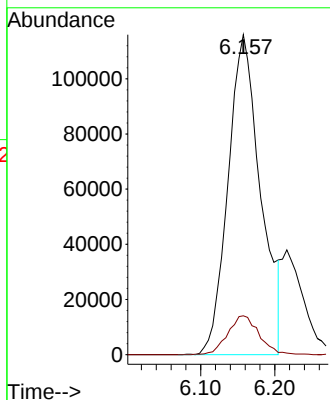
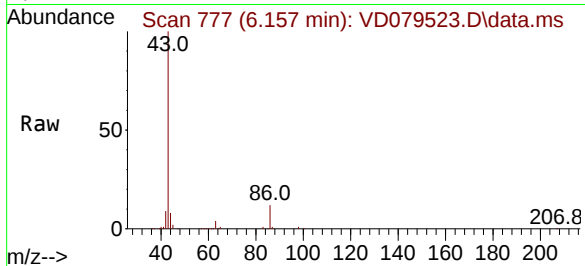




#23  
 Vinyl Acetate  
 Concen: 121.419 ug/l  
 RT: 6.157 min Scan# 71  
 Delta R.T. 0.006 min  
 Lab File: VD079523.D  
 Acq: 01 Aug 2024 05:25

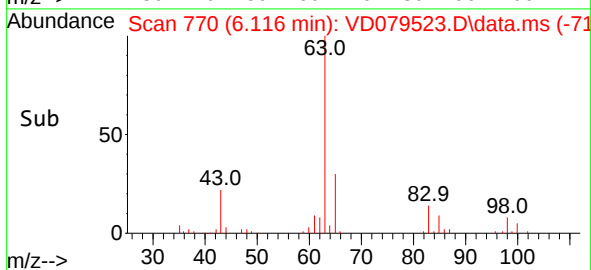
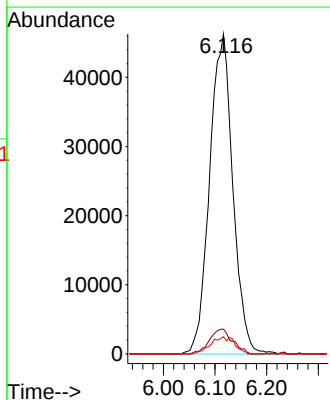
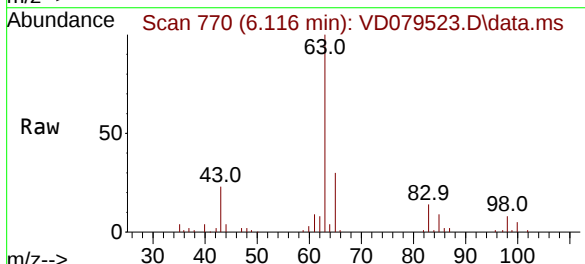
Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tgt Ion: 43 Resp: 353777  
 Ion Ratio Lower Upper  
 43 100  
 86 12.2 12.3 18.5#



#24  
 1,1-Dichloroethane  
 Concen: 55.584 ug/l  
 RT: 6.116 min Scan# 770  
 Delta R.T. 0.012 min  
 Lab File: VD079523.D  
 Acq: 01 Aug 2024 05:25

Tgt Ion: 63 Resp: 144377  
 Ion Ratio Lower Upper  
 63 100  
 98 7.8 4.7 14.0  
 100 5.4 2.9 8.6

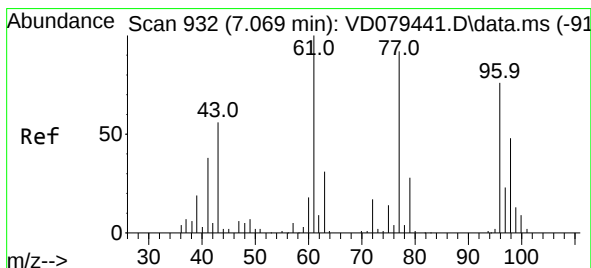
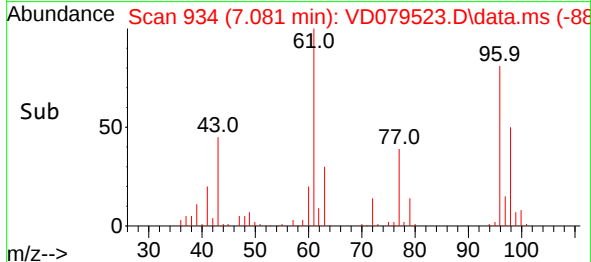
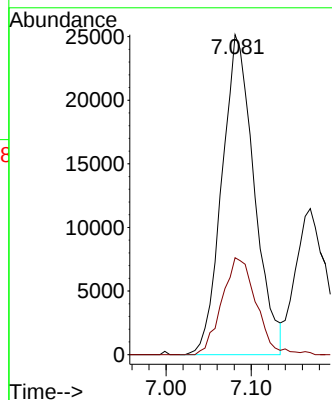
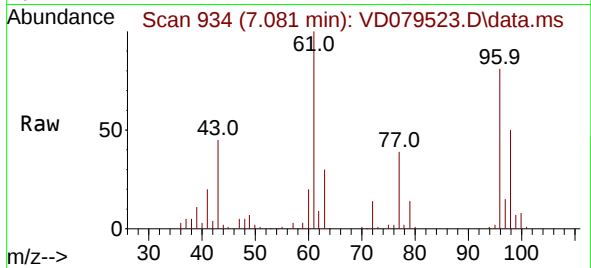




#25  
2-Butanone  
Concen: 193.536 ug/l  
RT: 7.081 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

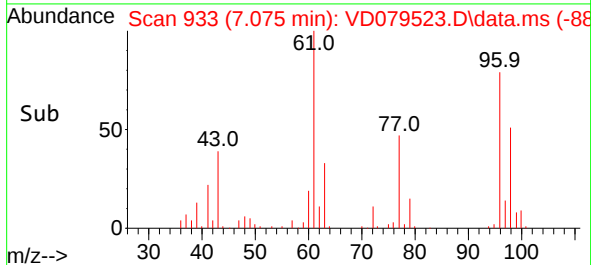
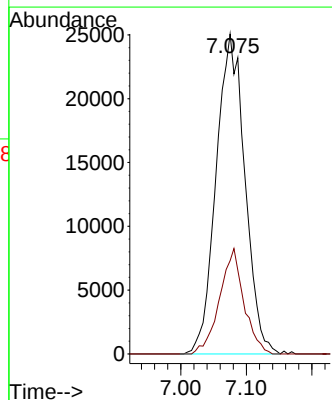
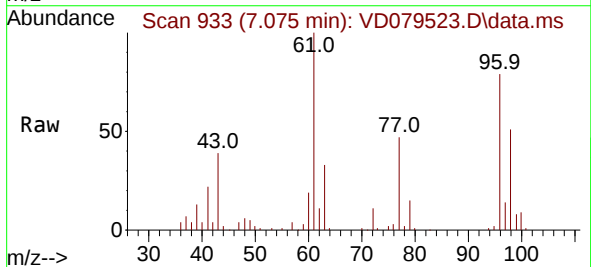
Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion: 43 Resp: 66142  
Ion Ratio Lower Upper  
43 100  
72 30.3 26.4 39.6



#26  
2,2-Dichloropropane  
Concen: 36.338 ug/l  
RT: 7.075 min Scan# 933  
Delta R.T. -0.006 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

Tgt Ion: 77 Resp: 76346  
Ion Ratio Lower Upper  
77 100  
97 27.8 12.4 37.2





#27

cis-1,2-Dichloroethene

Concen: 71.468 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD079523.D

Acq: 01 Aug 2024 05:25

Instrument :

MSVOA\_D

ClientSampleId :

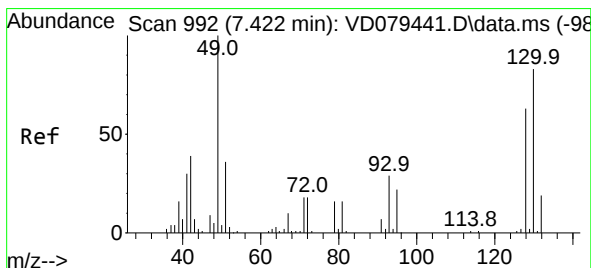
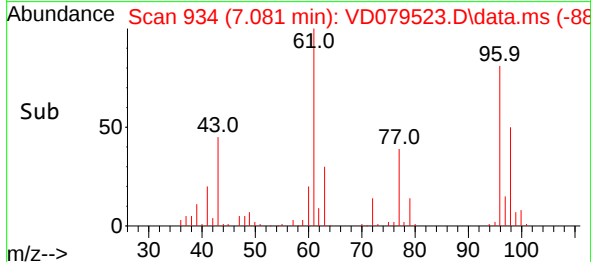
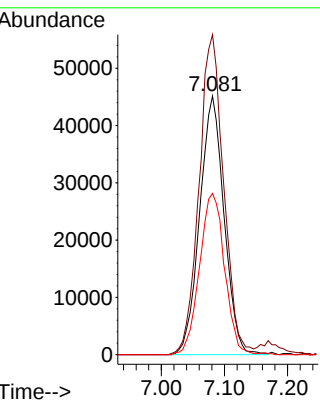
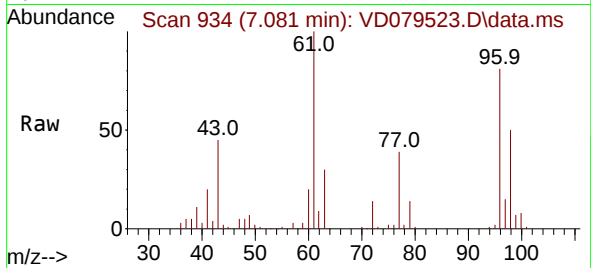
Tgt Ion: 96 Resp: 121066

Ion Ratio Lower Upper

96 100

61 124.4 0.0 229.0

98 64.0 0.0 127.2



#28

Bromochloromethane

Concen: 63.974 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.012 min

Lab File: VD079523.D

Acq: 01 Aug 2024 05:25

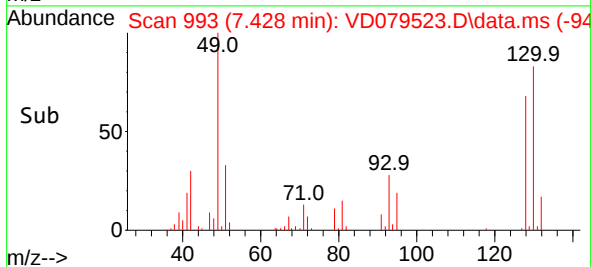
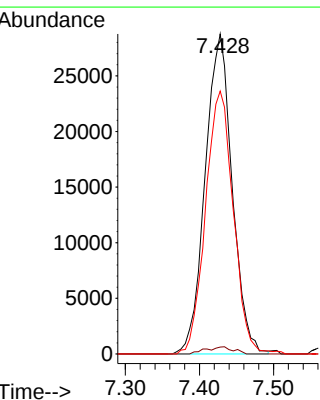
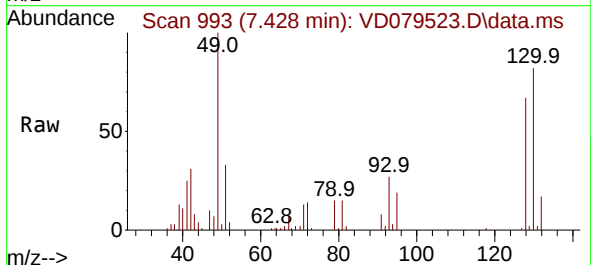
Tgt Ion: 49 Resp: 72868

Ion Ratio Lower Upper

49 100

129 2.3 0.0 7.0

130 84.5 87.7 131.5#





#29

Tetrahydrofuran

Concen: 208.541 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD079523.D

Acq: 01 Aug 2024 05:25

Instrument :

MSVOA\_D

ClientSampleId :

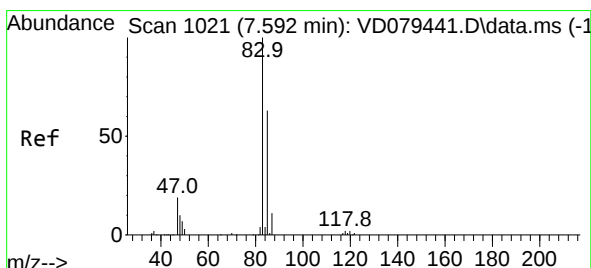
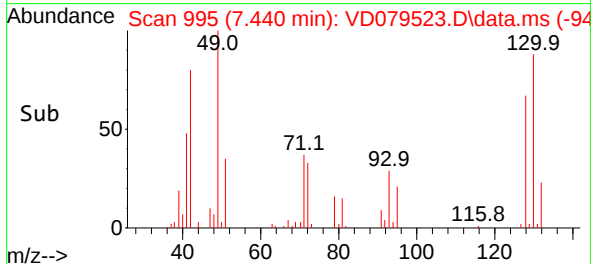
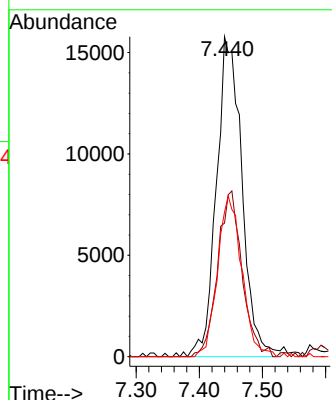
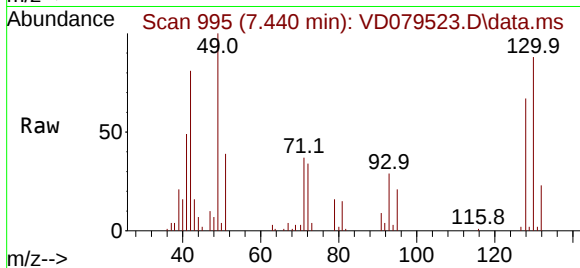
Tgt Ion: 42 Resp: 44168

Ion Ratio Lower Upper

42 100

72 49.7 49.4 74.0

71 48.0 45.0 67.6



#30

Chloroform

Concen: 60.088 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD079523.D

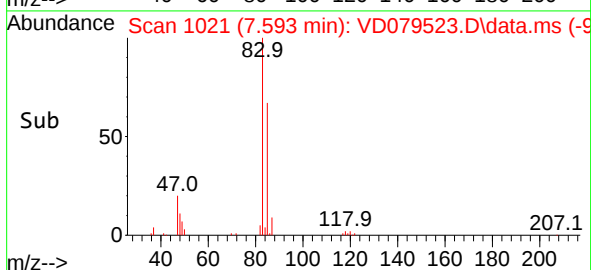
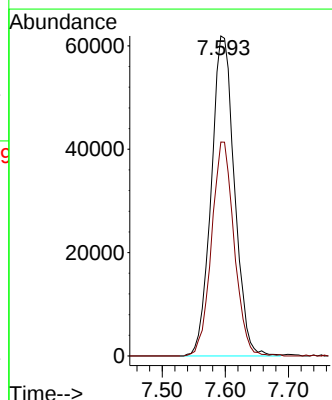
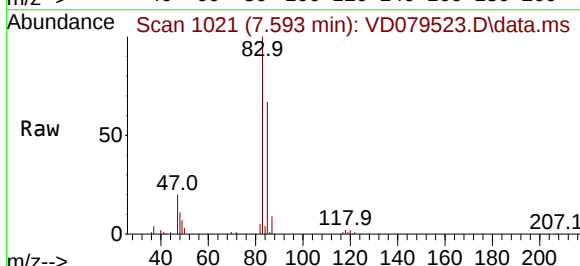
Acq: 01 Aug 2024 05:25

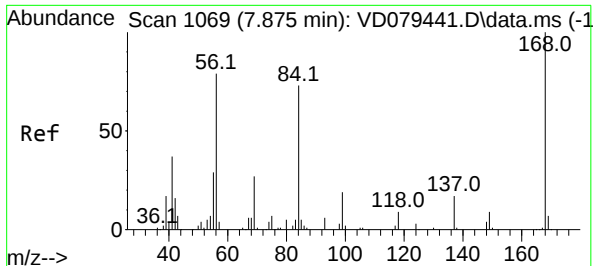
Tgt Ion: 83 Resp: 158057

Ion Ratio Lower Upper

83 100

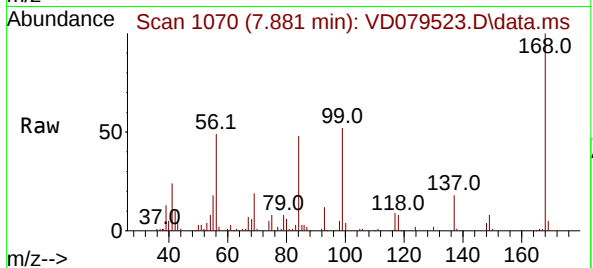
85 66.9 51.8 77.6



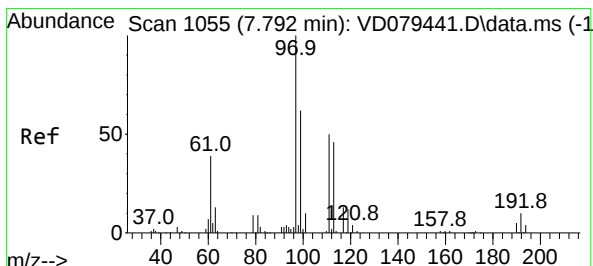
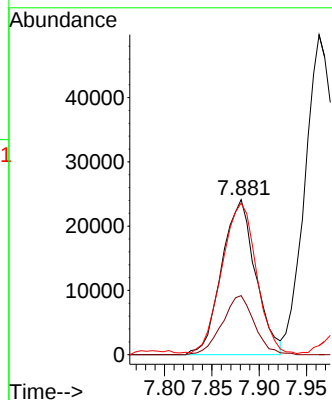
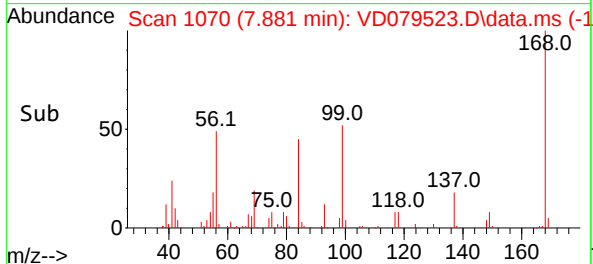


#31  
Cyclohexane  
Concen: 29.155 ug/l  
RT: 7.881 min Scan# 1070  
Delta R.T. -0.000 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

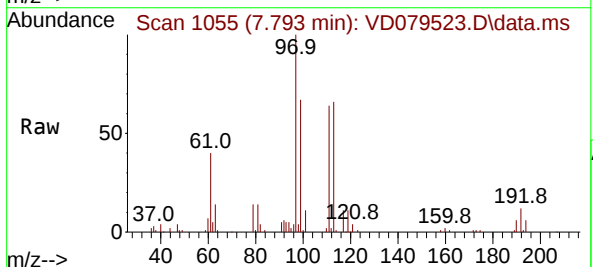
Instrument :  
MSVOA\_D  
ClientSampleId :



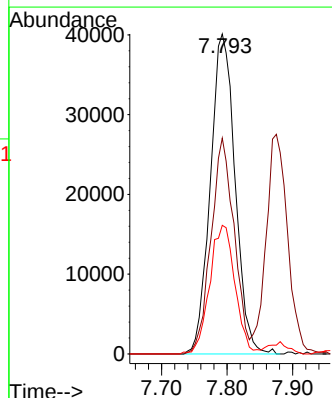
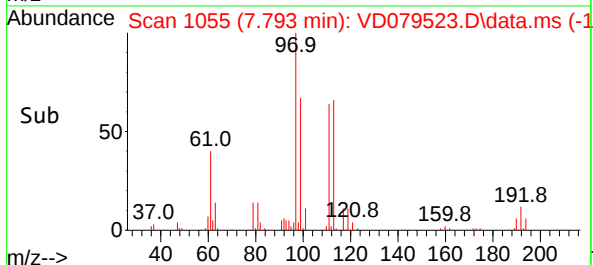
Tgt Ion: 56 Resp: 60061  
Ion Ratio Lower Upper  
56 100  
69 38.0 28.0 42.0  
84 96.5 87.4 131.0

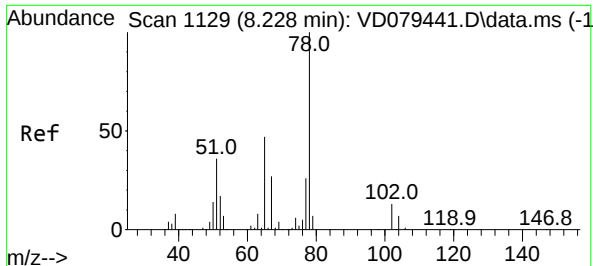


#32  
1,1,1-Trichloroethane  
Concen: 48.427 ug/l  
RT: 7.793 min Scan# 1055  
Delta R.T. -0.000 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25



Tgt Ion: 97 Resp: 105113  
Ion Ratio Lower Upper  
97 100  
99 63.0 51.3 76.9  
61 41.2 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 63.474 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079523.D

Acq: 01 Aug 2024 05:25

Instrument :

MSVOA\_D

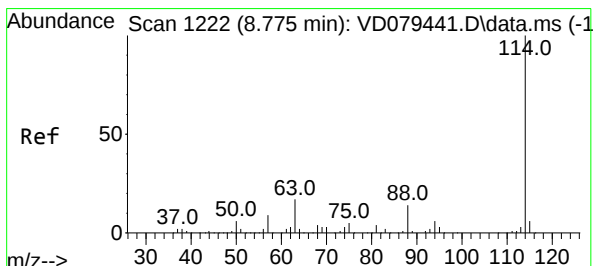
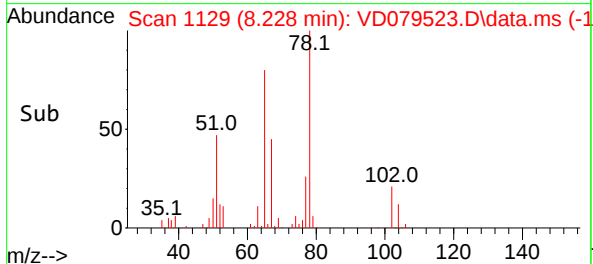
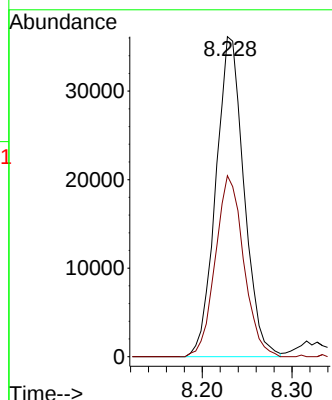
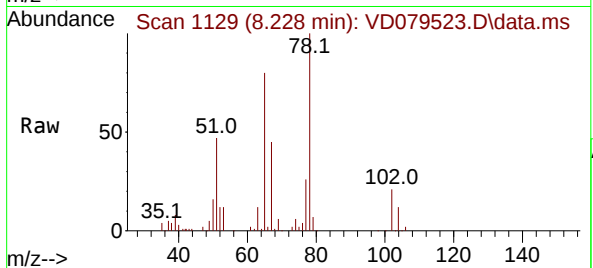
ClientSampleId :

Tgt Ion: 65 Resp: 78732

Ion Ratio Lower Upper

65 100

67 56.9 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: VD079523.D

Acq: 01 Aug 2024 05:25

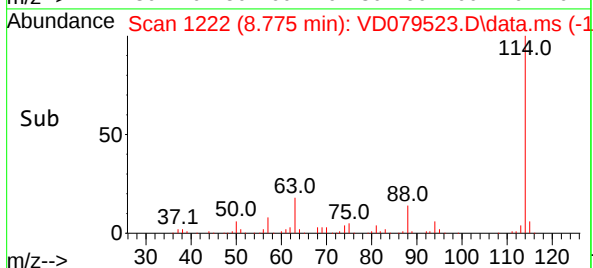
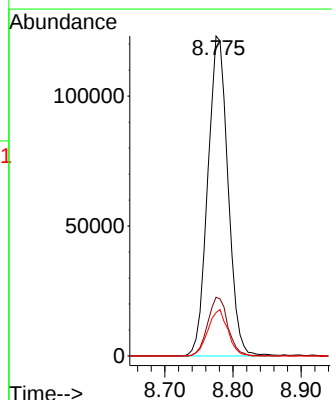
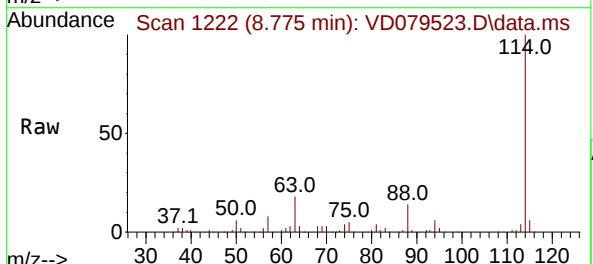
Tgt Ion: 114 Resp: 254213

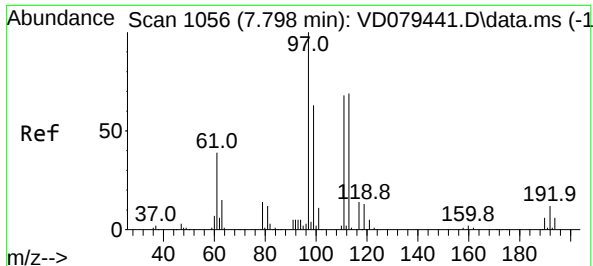
Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.0

88 13.6 0.0 27.2





#35

Dibromofluoromethane

Concen: 52.115 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079523.D

Acq: 01 Aug 2024 05:25

Instrument :

MSVOA\_D

ClientSampleId :

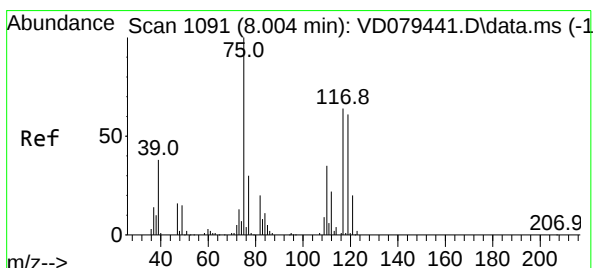
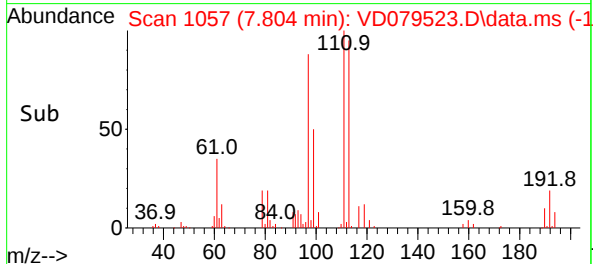
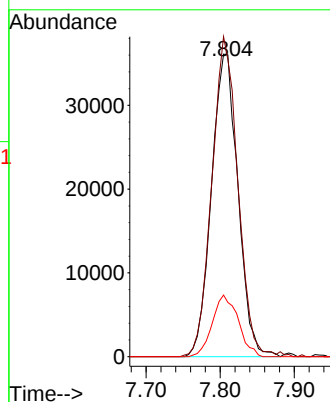
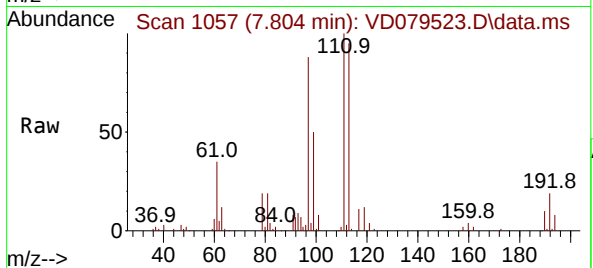
Tgt Ion:113 Resp: 89670

Ion Ratio Lower Upper

113 100

111 103.9 84.0 126.0

192 19.9 15.4 23.0



#36

1,1-Dichloropropene

Concen: 33.768 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD079523.D

Acq: 01 Aug 2024 05:25

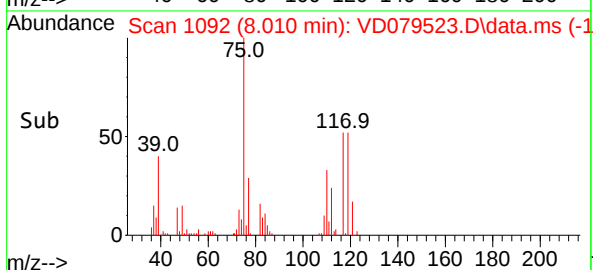
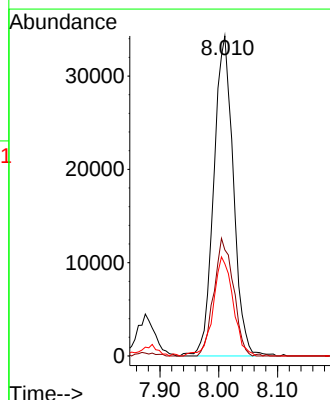
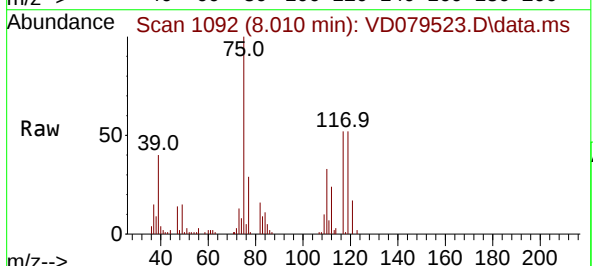
Tgt Ion: 75 Resp: 79303

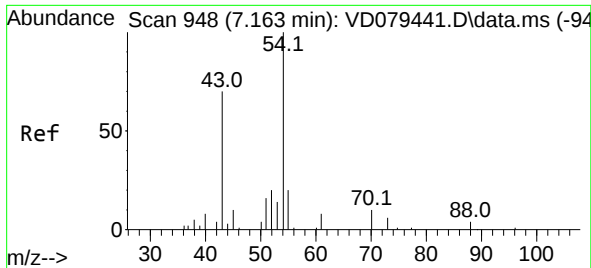
Ion Ratio Lower Upper

75 100

110 36.6 19.6 58.7

77 31.3 26.1 39.1





#37

Ethyl Acetate

Concen: 30.495 ug/l

RT: 7.169 min Scan# 948

Delta R.T. -0.006 min

Lab File: VD079523.D

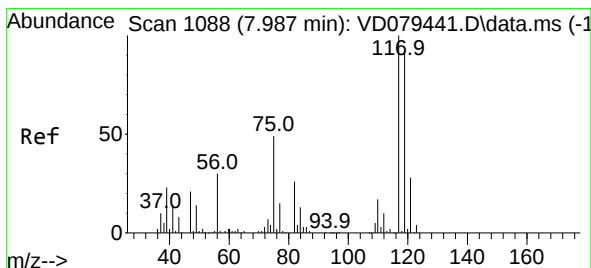
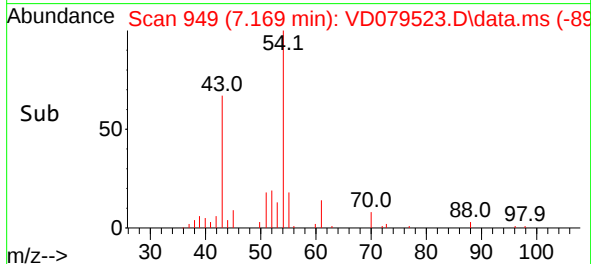
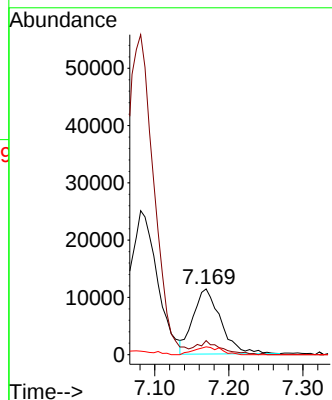
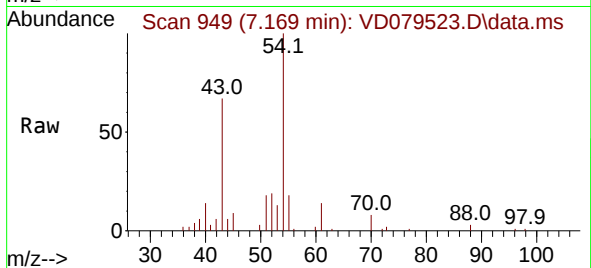
Acq: 01 Aug 2024 05:25

Instrument :

MSVOA\_D

ClientSampleId :

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 29363 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 61 18.8     | 13.9 20.9   |
| 70 11.6     | 9.8 14.6    |



#38

Carbon Tetrachloride

Concen: 34.268 ug/l

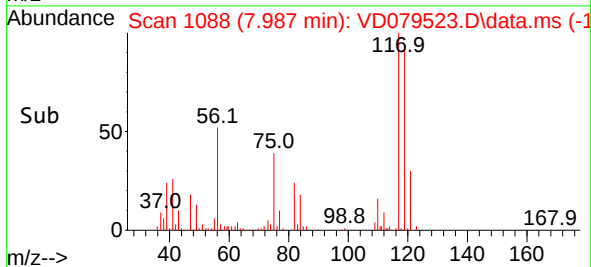
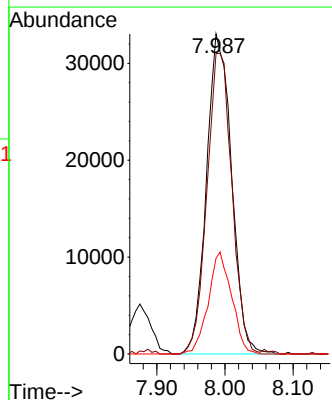
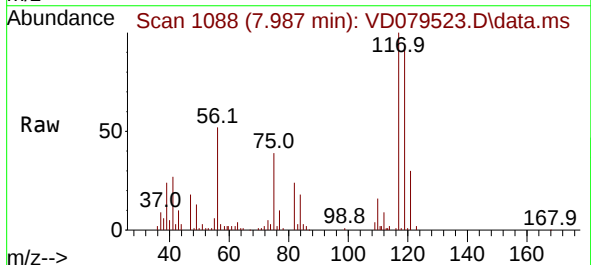
RT: 7.987 min Scan# 1088

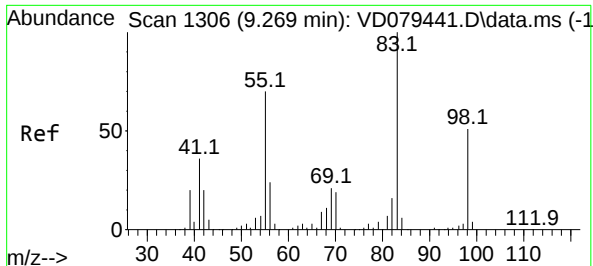
Delta R.T. -0.000 min

Lab File: VD079523.D

Acq: 01 Aug 2024 05:25

|     |         |       |       |
|-----|---------|-------|-------|
| Tgt | Ion:117 | Resp: | 84602 |
| Ion | Ratio   | Lower | Upper |
| 117 | 100     |       |       |
| 119 | 94.0    | 75.4  | 113.0 |
| 121 | 29.9    | 25.0  | 37.4  |





#39

Methylcyclohexane

Concen: 23.126 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

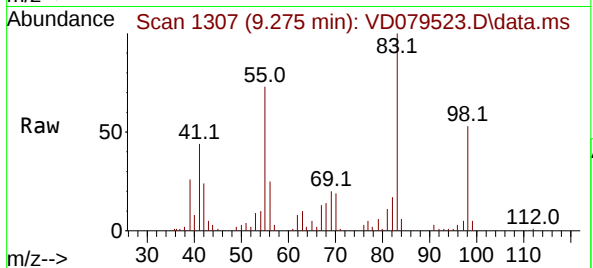
Lab File: VD079523.D

Acq: 01 Aug 2024 05:25

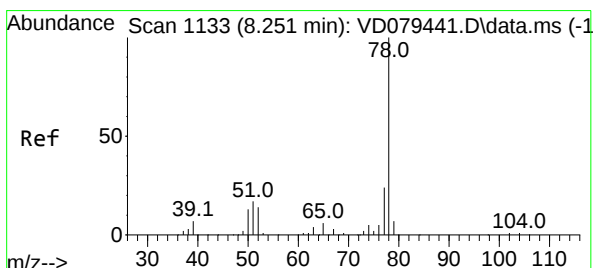
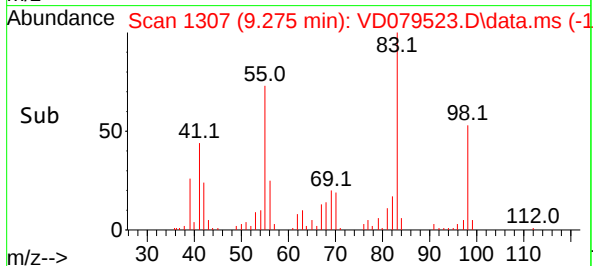
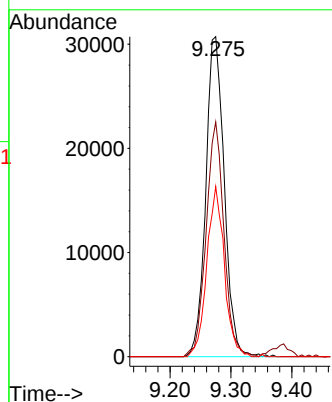
Instrument :

MSVOA\_D

ClientSampleId :



|             |                |
|-------------|----------------|
| Tgt Ion: 83 | Resp: 64801    |
| Ion Ratio   | Lower Upper    |
| 83          | 100            |
| 55          | 73.3 50.1 75.1 |
| 98          | 53.1 41.9 62.9 |



#40

Benzene

Concen: 45.011 ug/l

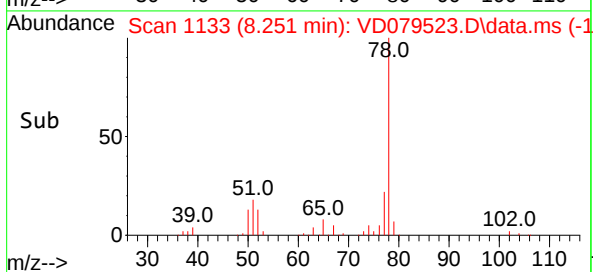
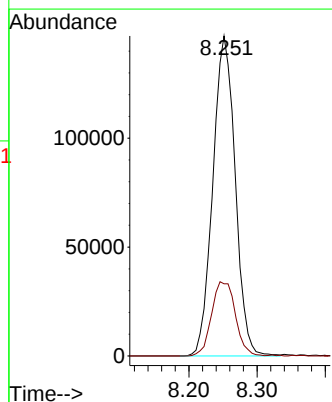
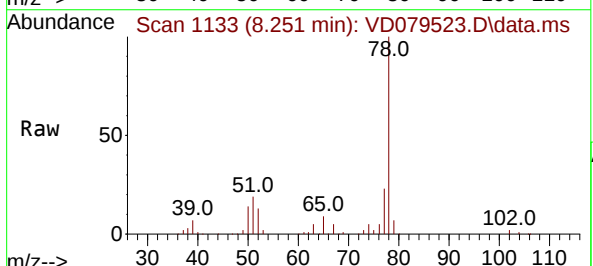
RT: 8.251 min Scan# 1133

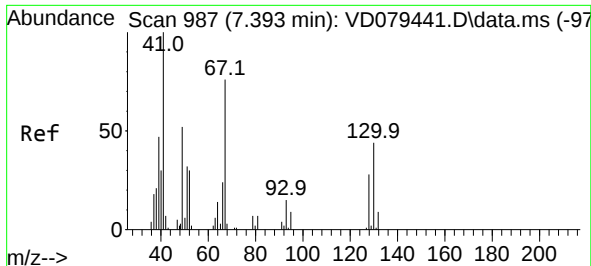
Delta R.T. -0.000 min

Lab File: VD079523.D

Acq: 01 Aug 2024 05:25

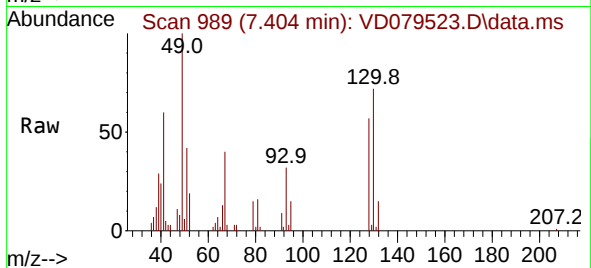
|             |                |
|-------------|----------------|
| Tgt Ion: 78 | Resp: 335743   |
| Ion Ratio   | Lower Upper    |
| 78          | 100            |
| 77          | 22.6 18.1 27.1 |



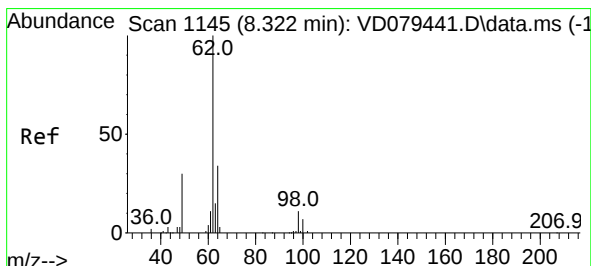
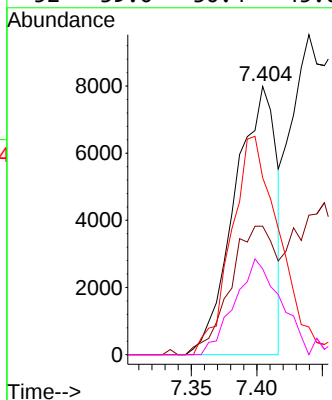
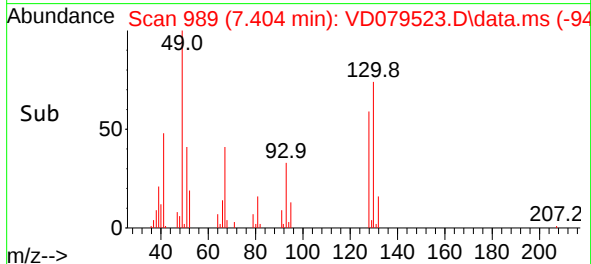


#41  
Methacrylonitrile  
Concen: 33.330 ug/l  
RT: 7.404 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

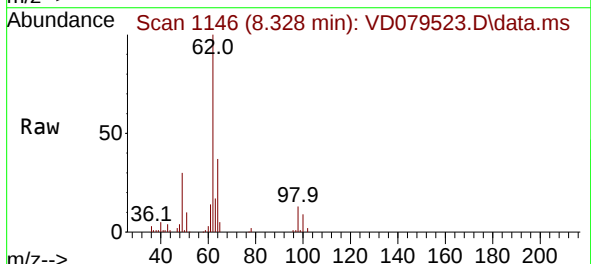
Instrument :  
MSVOA\_D  
ClientSampleId :



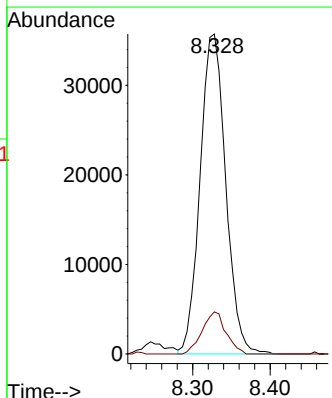
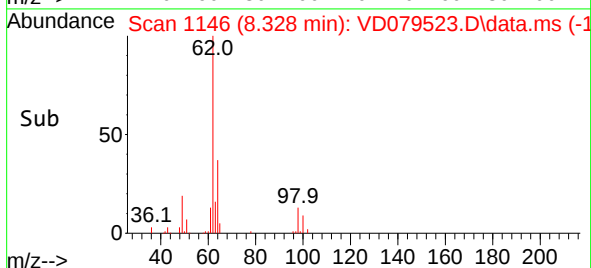
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 17653 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 39        | 52.6  | 41.4  | 62.0  |
| 67        | 96.0  | 85.8  | 128.6 |
| 52        | 39.0  | 30.4  | 45.6  |

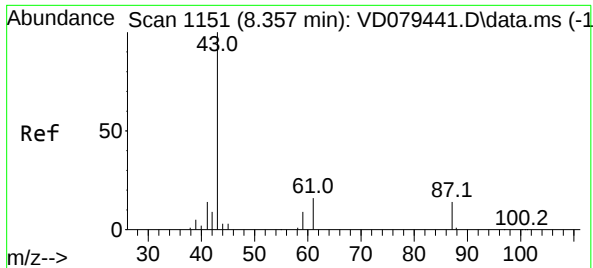


#42  
1,2-Dichloroethane  
Concen: 46.306 ug/l  
RT: 8.328 min Scan# 1146  
Delta R.T. 0.006 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 62    | Resp: | 82308 |
| Ion Ratio | Lower | Upper |       |
| 62        | 100   |       |       |
| 98        | 12.2  | 0.0   | 25.8  |

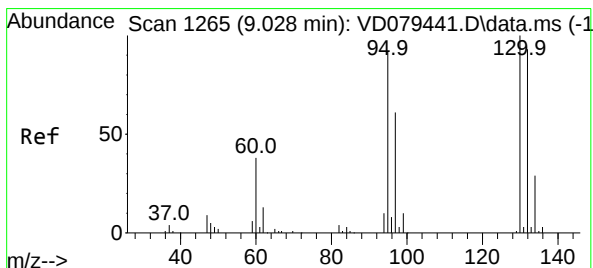
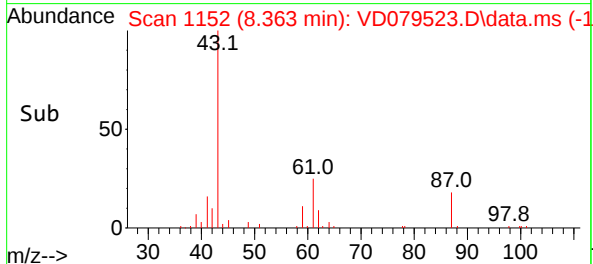
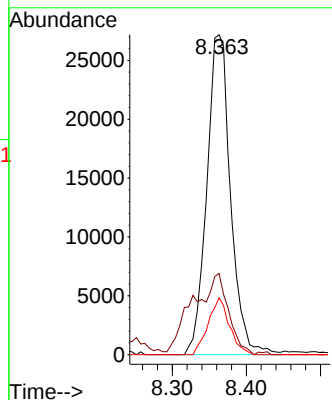
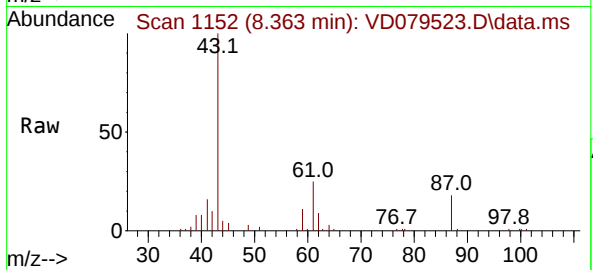




#43  
Isopropyl Acetate  
Concen: 33.497 ug/l  
RT: 8.363 min Scan# 1152  
Delta R.T. 0.006 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

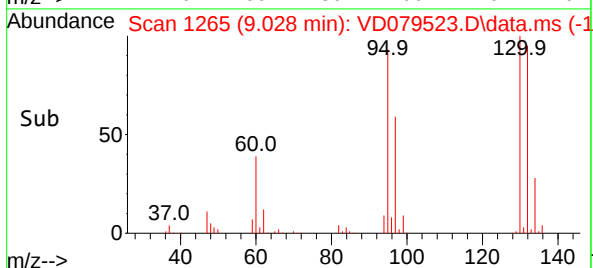
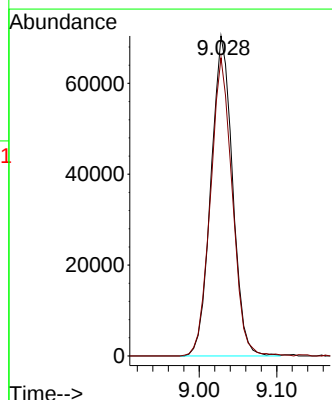
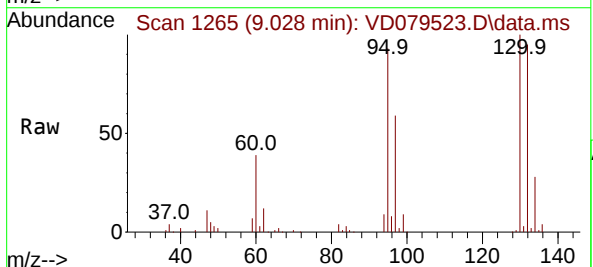
Instrument :  
MSVOA\_D  
ClientSampleId :

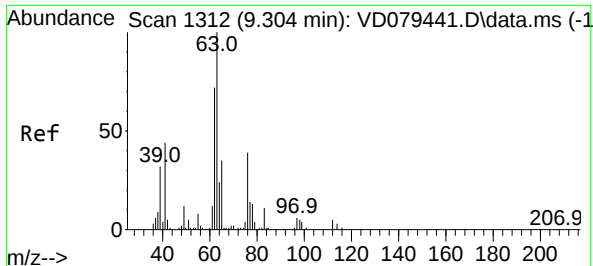
Tgt Ion: 43 Resp: 60618  
Ion Ratio Lower Upper  
43 100  
61 19.7 29.3 43.9#  
87 15.9 14.9 22.3



#44  
Trichloroethene  
Concen: 73.424 ug/l  
RT: 9.028 min Scan# 1265  
Delta R.T. -0.000 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

Tgt Ion:130 Resp: 136337  
Ion Ratio Lower Upper  
130 100  
95 93.2 0.0 177.8





#45

1,2-Dichloropropane

Concen: 47.617 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VD079523.D

Acq: 01 Aug 2024 05:25

Instrument :

MSVOA\_D

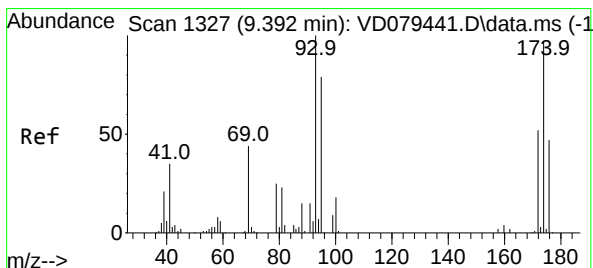
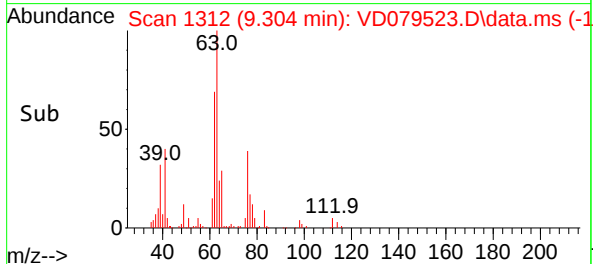
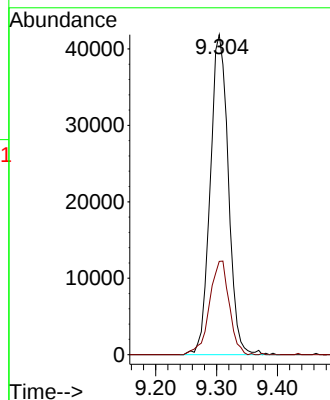
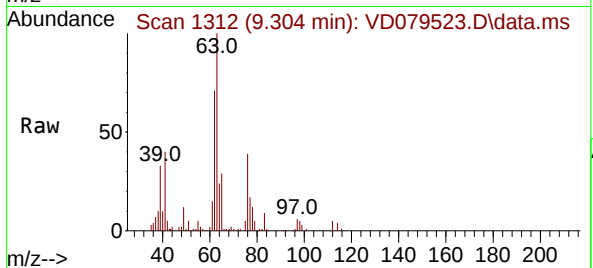
ClientSampleId :

Tgt Ion: 63 Resp: 86436

Ion Ratio Lower Upper

63 100

65 29.1 23.8 35.8



#46

Dibromomethane

Concen: 46.688 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD079523.D

Acq: 01 Aug 2024 05:25

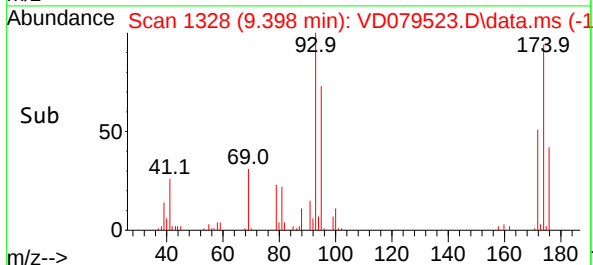
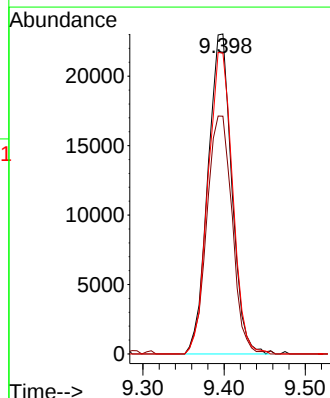
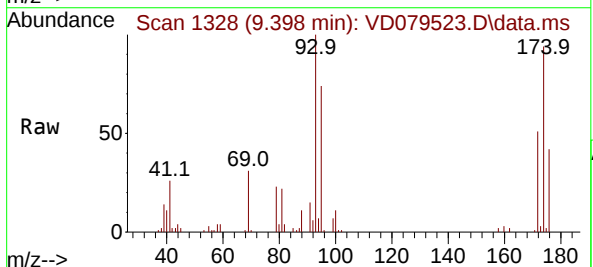
Tgt Ion: 93 Resp: 46983

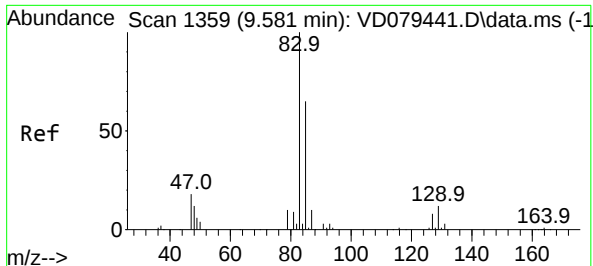
Ion Ratio Lower Upper

93 100

95 79.1 65.6 98.4

174 97.0 82.3 123.5

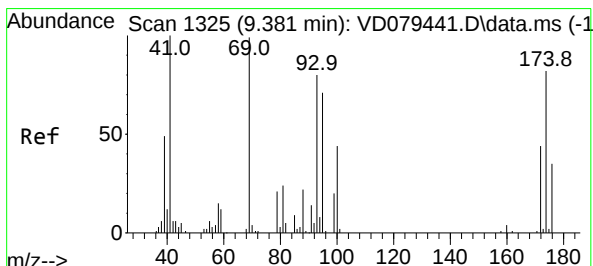
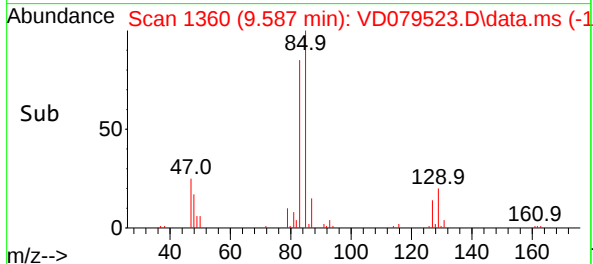
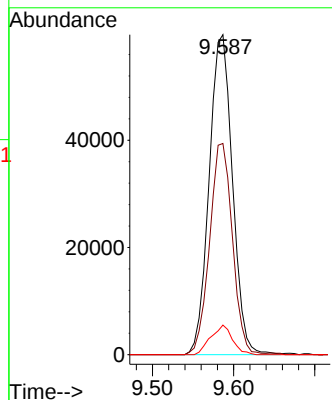
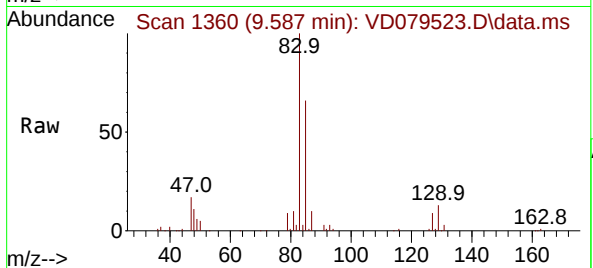




#47  
Bromodichloromethane  
Concen: 48.222 ug/l  
RT: 9.587 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

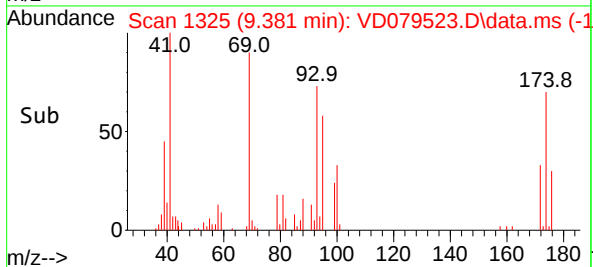
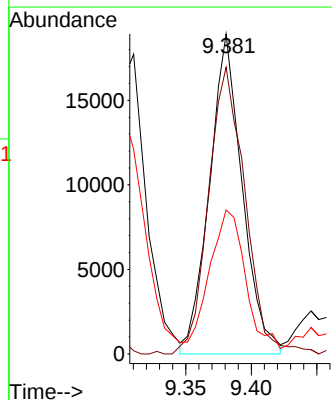
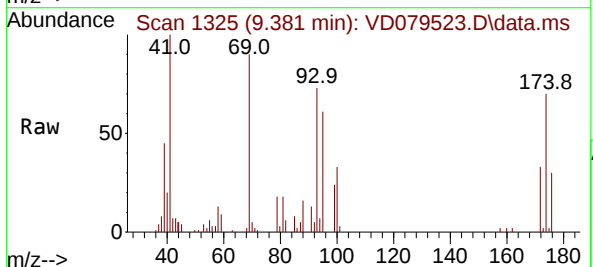
Instrument :  
MSVOA\_D  
ClientSampleId :

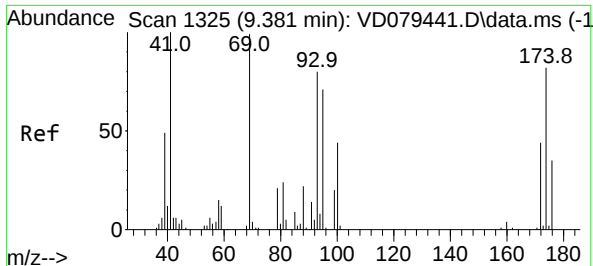
Tgt Ion: 83 Resp: 119154  
Ion Ratio Lower Upper  
83 100  
85 66.0 50.1 75.1  
127 9.3 6.8 10.2



#48  
Methyl methacrylate  
Concen: 40.590 ug/l  
RT: 9.381 min Scan# 1325  
Delta R.T. -0.000 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

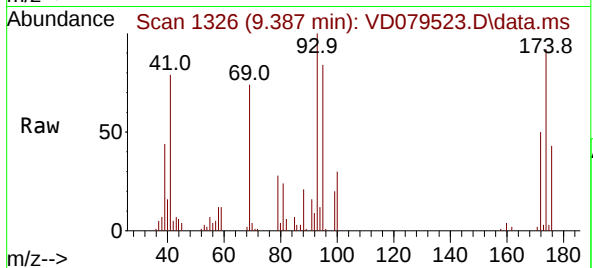
Tgt Ion: 41 Resp: 32873  
Ion Ratio Lower Upper  
41 100  
69 100.5 96.7 145.1  
39 51.0 43.8 65.6



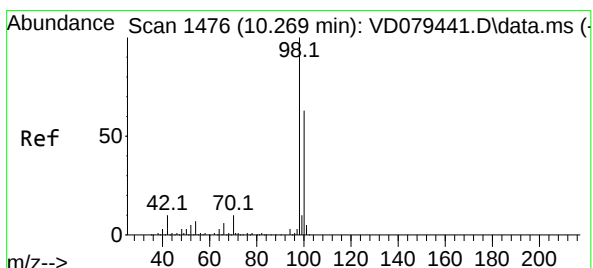
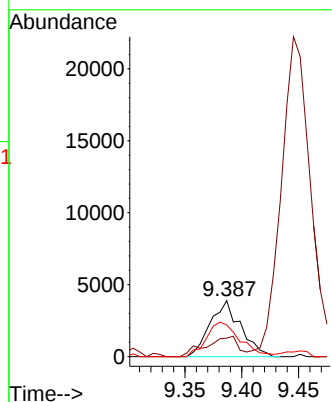
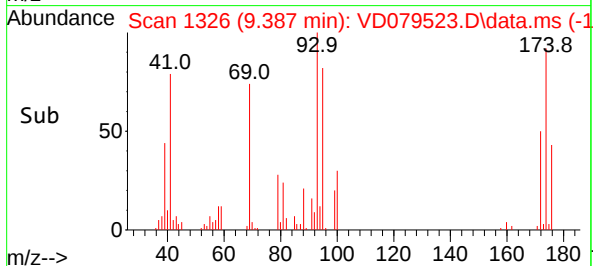


#49  
1,4-Dioxane  
Concen: 698.828 ug/l  
RT: 9.387 min Scan# 1325  
Delta R.T. -0.006 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

Instrument :  
MSVOA\_D  
ClientSampleId :

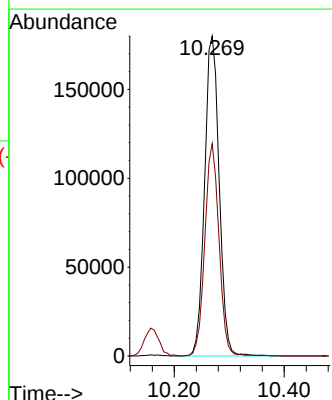
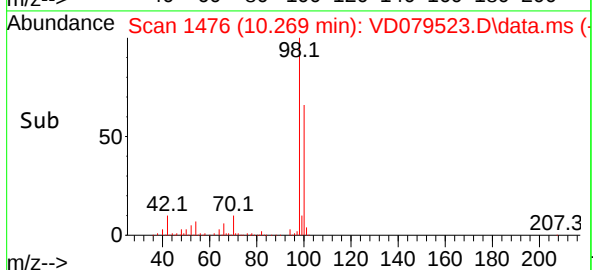
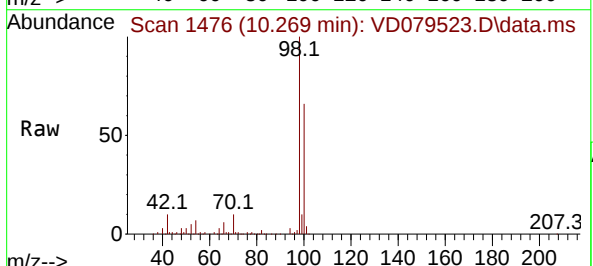


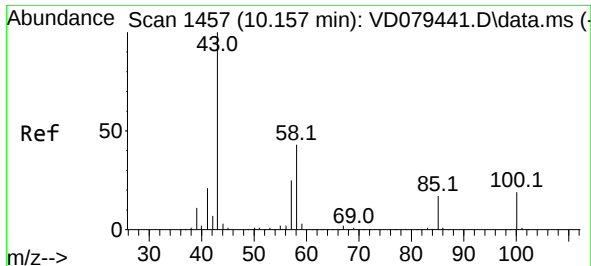
Tgt Ion: 88 Resp: 7287  
Ion Ratio Lower Upper  
88 100  
43 38.3 21.5 32.3#  
58 67.4 42.2 63.4#



#50  
Toluene-d8  
Concen: 49.609 ug/l  
RT: 10.269 min Scan# 1476  
Delta R.T. 0.006 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

Tgt Ion: 98 Resp: 331479  
Ion Ratio Lower Upper  
98 100  
100 64.7 51.6 77.4

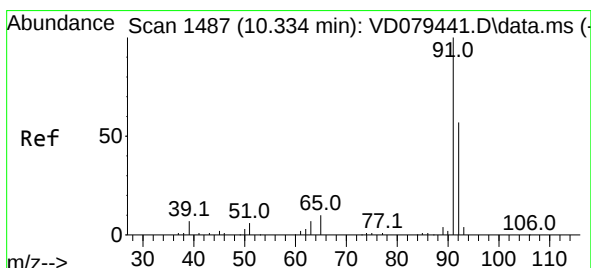
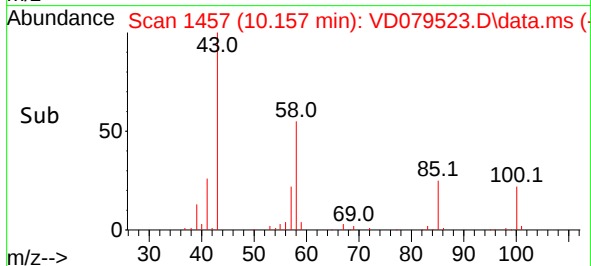
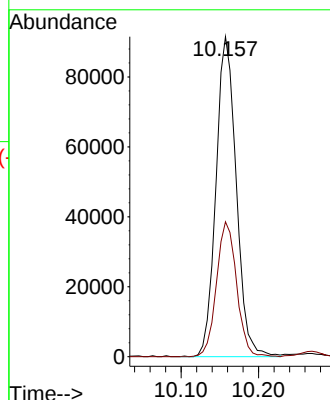
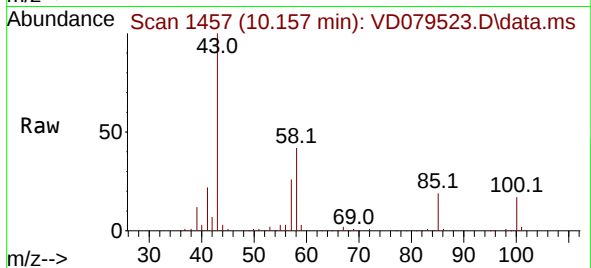




#51  
4-Methyl-2-Pentanone  
Concen: 180.635 ug/l  
RT: 10.157 min Scan# 1457  
Delta R.T. -0.000 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

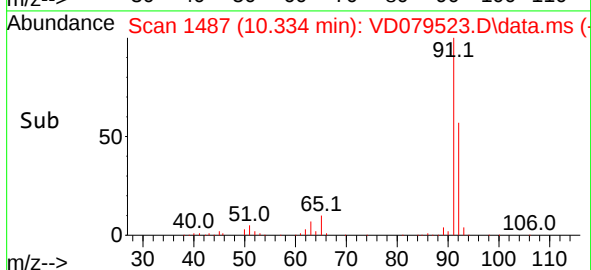
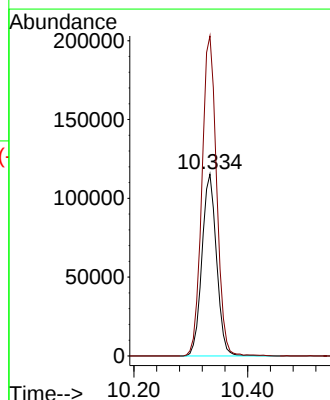
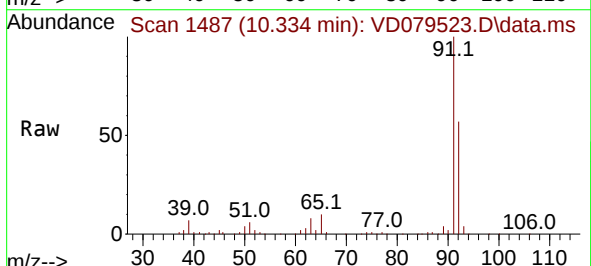
Instrument :  
MSVOA\_D  
ClientSampleId :

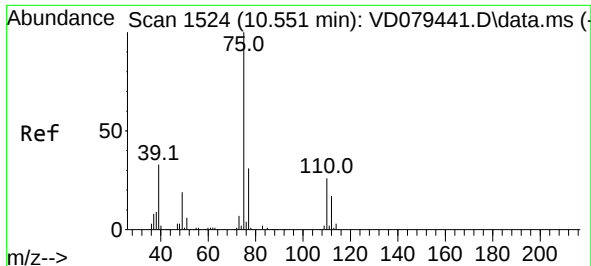
Tgt Ion: 43 Resp: 166892  
Ion Ratio Lower Upper  
43 100  
58 41.8 36.6 55.0



#52  
Toluene  
Concen: 44.504 ug/l  
RT: 10.334 min Scan# 1487  
Delta R.T. 0.006 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

Tgt Ion: 92 Resp: 205307  
Ion Ratio Lower Upper  
92 100  
91 177.7 141.7 212.5

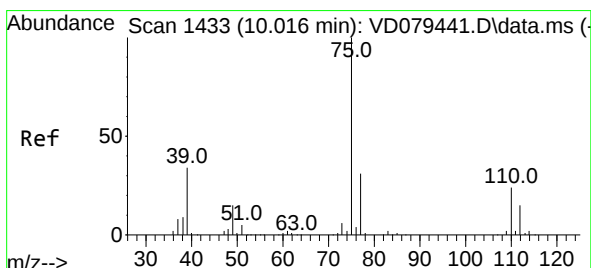
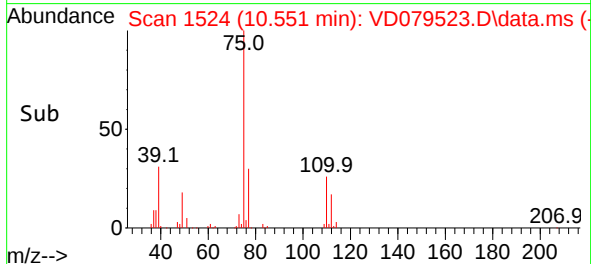
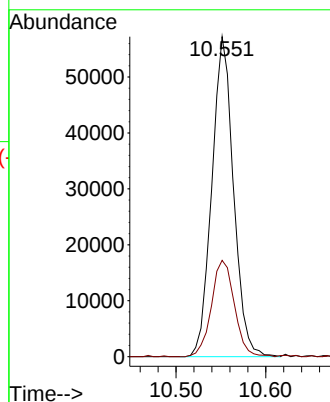
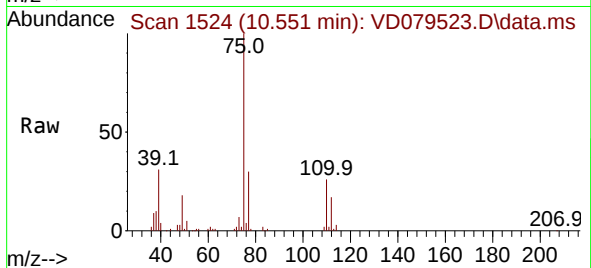




#53  
 t-1,3-Dichloropropene  
 Concen: 42.025 ug/l  
 RT: 10.551 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VD079523.D  
 Acq: 01 Aug 2024 05:25

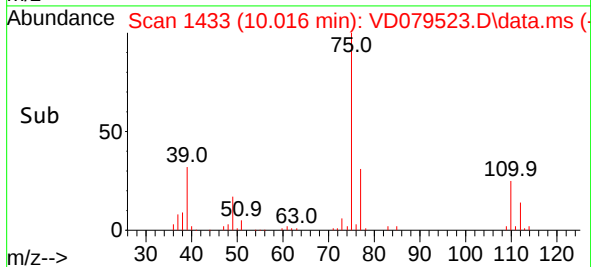
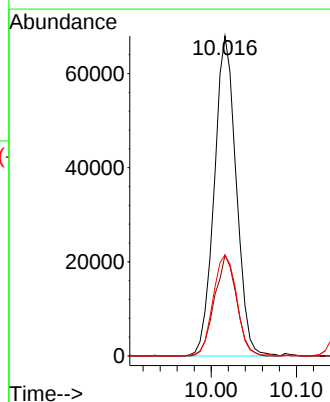
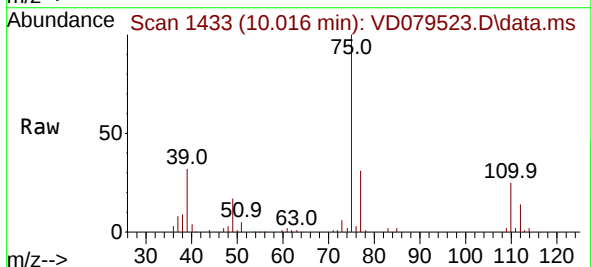
Instrument :  
 MSVOA\_D  
 ClientSampleId :

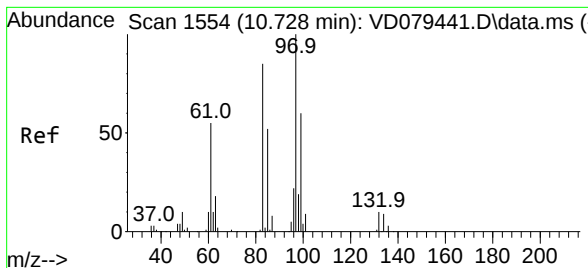
Tgt Ion: 75 Resp: 95895  
 Ion Ratio Lower Upper  
 75 100  
 77 30.1 25.0 37.6



#54  
 cis-1,3-Dichloropropene  
 Concen: 44.326 ug/l  
 RT: 10.016 min Scan# 1433  
 Delta R.T. -0.000 min  
 Lab File: VD079523.D  
 Acq: 01 Aug 2024 05:25

Tgt Ion: 75 Resp: 121664  
 Ion Ratio Lower Upper  
 75 100  
 77 31.5 24.4 36.6  
 39 31.6 24.2 36.2





#55

1,1,2-Trichloroethane

Concen: 44.708 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.006 min

Lab File: VD079523.D

Acq: 01 Aug 2024 05:25

Instrument :

MSVOA\_D

ClientSampleId :

Tgt Ion: 97 Resp: 59266

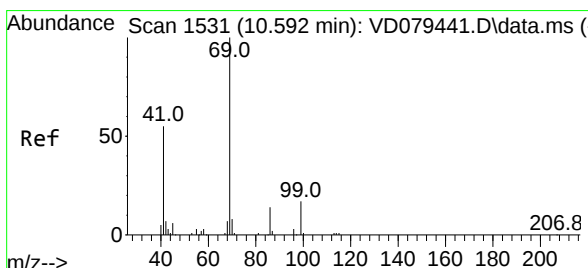
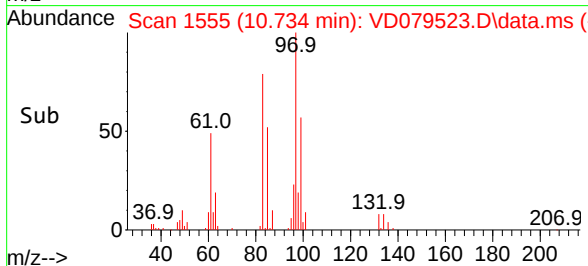
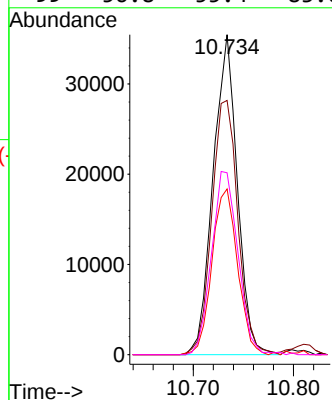
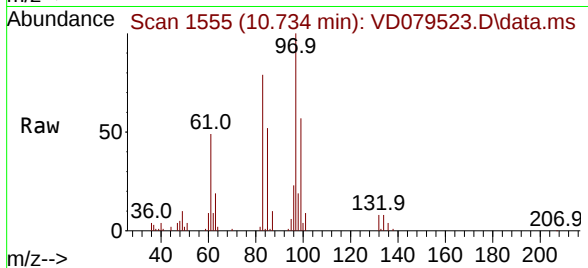
Ion Ratio Lower Upper

97 100

83 79.5 65.8 98.8

85 51.8 43.8 65.8

99 56.8 55.4 83.0



#56

Ethyl methacrylate

Concen: 35.542 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD079523.D

Acq: 01 Aug 2024 05:25

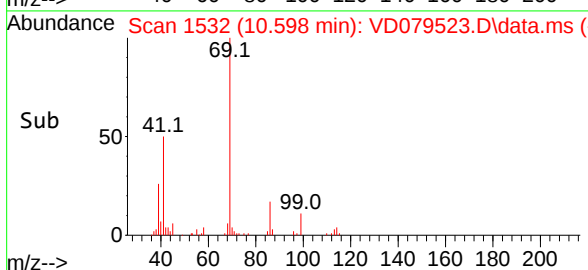
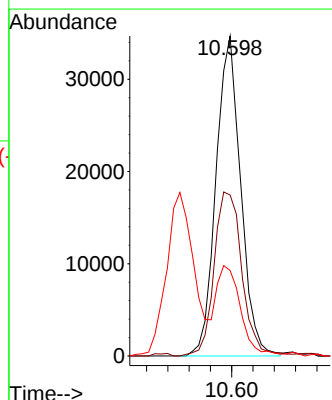
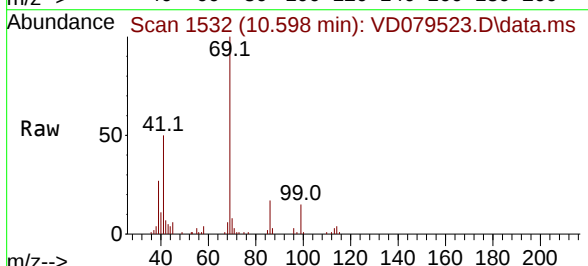
Tgt Ion: 69 Resp: 55826

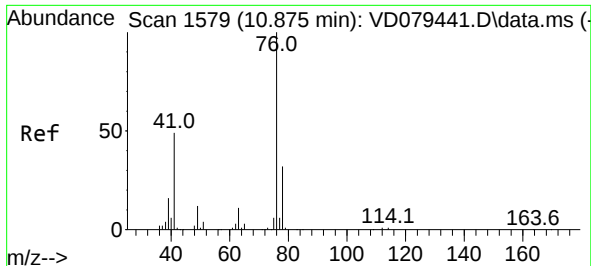
Ion Ratio Lower Upper

69 100

41 57.7 39.8 59.6

39 25.9 20.2 30.4





#57

1,3-Dichloropropane

Concen: 44.180 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.000 min

Lab File: VD079523.D

Acq: 01 Aug 2024 05:25

Instrument :

MSVOA\_D

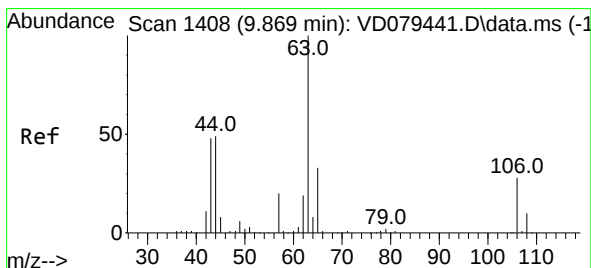
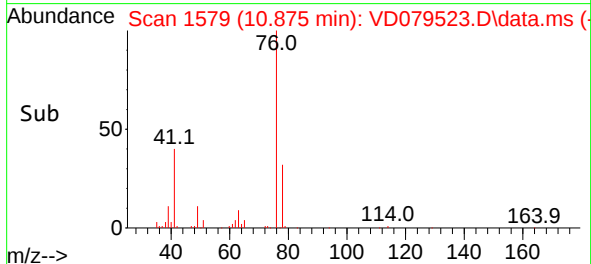
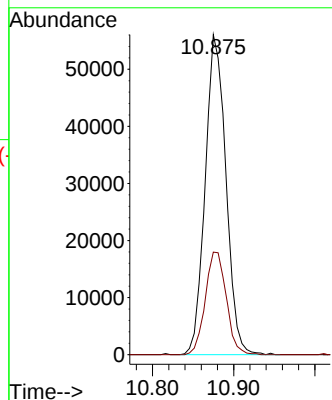
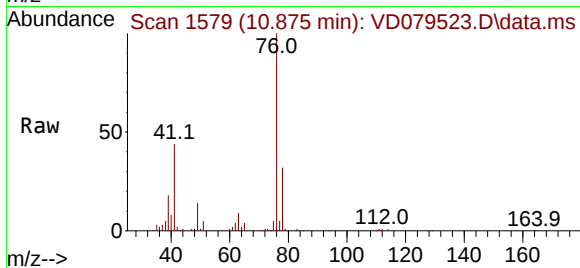
ClientSampleId :

Tgt Ion: 76 Resp: 99521

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 201.601 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD079523.D

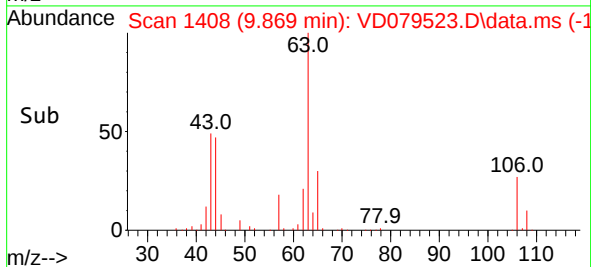
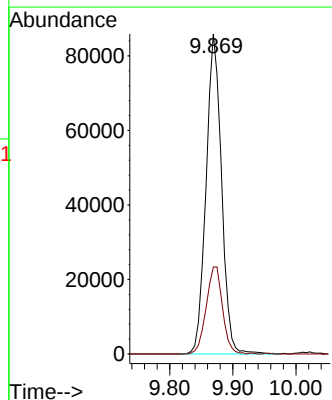
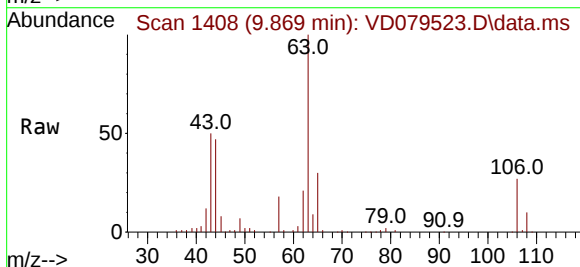
Acq: 01 Aug 2024 05:25

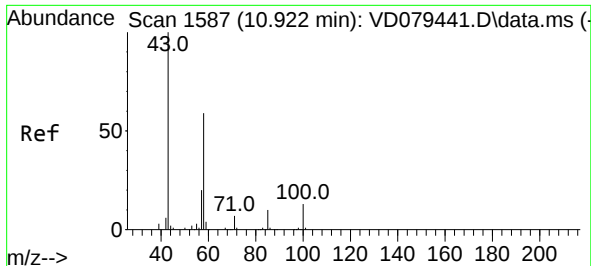
Tgt Ion: 63 Resp: 146034

Ion Ratio Lower Upper

63 100

106 28.7 26.4 39.6

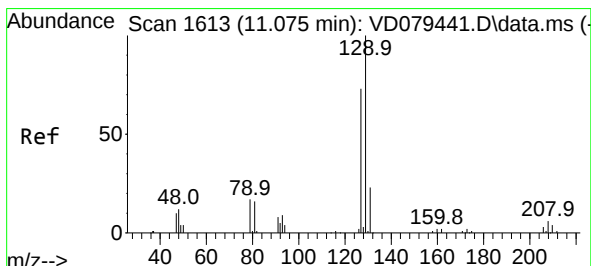
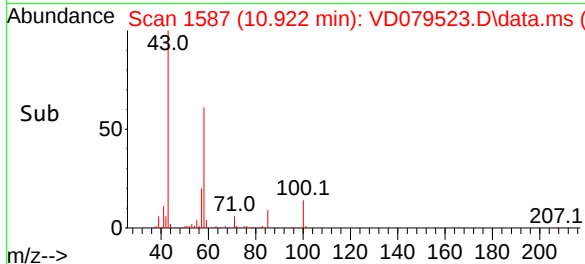
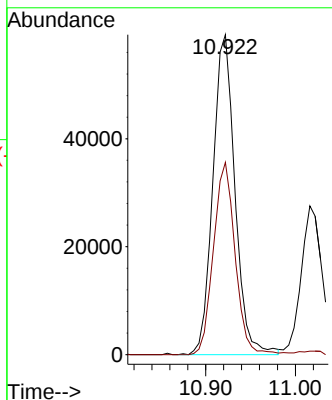
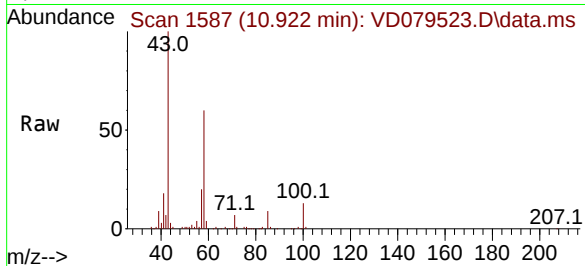




#59  
2-Hexanone  
Concen: 157.262 ug/l  
RT: 10.922 min Scan# 1587  
Delta R.T. 0.006 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

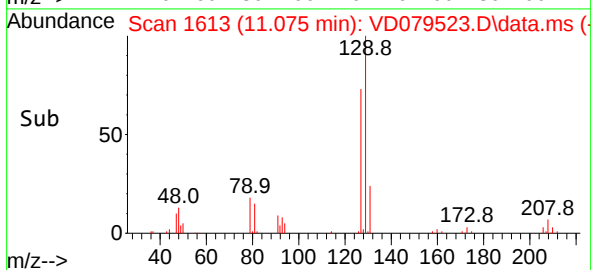
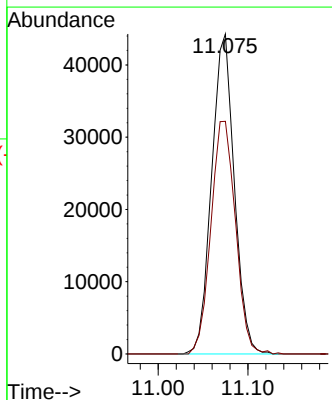
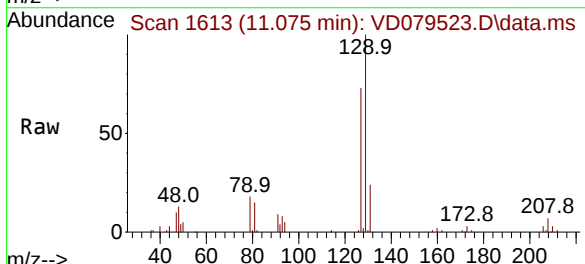
Instrument :  
MSVOA\_D  
ClientSampleId :

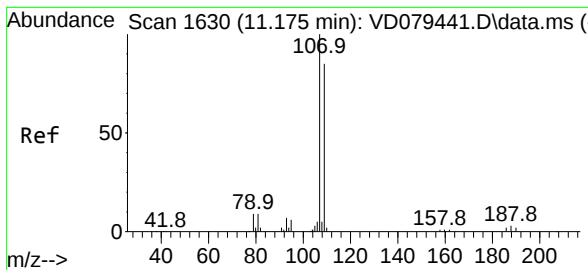
Tgt Ion: 43 Resp: 101334  
Ion Ratio Lower Upper  
43 100  
58 59.0 31.1 93.5



#60  
Dibromochloromethane  
Concen: 44.885 ug/l  
RT: 11.075 min Scan# 1613  
Delta R.T. 0.006 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

Tgt Ion:129 Resp: 77729  
Ion Ratio Lower Upper  
129 100  
127 78.8 38.0 113.9

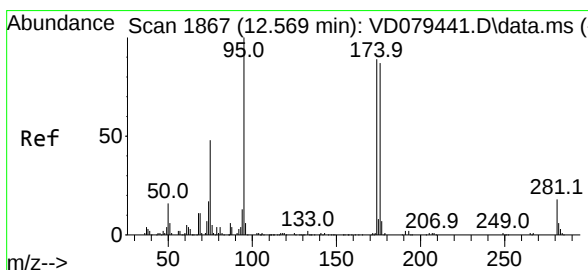
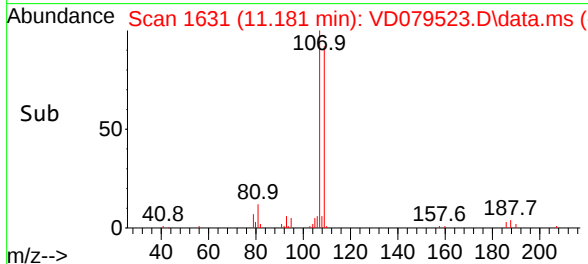
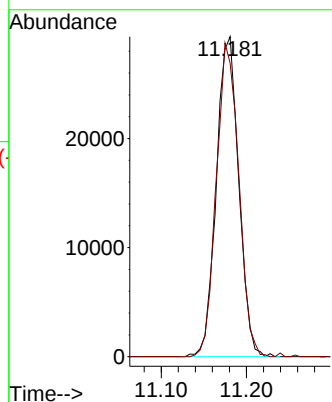
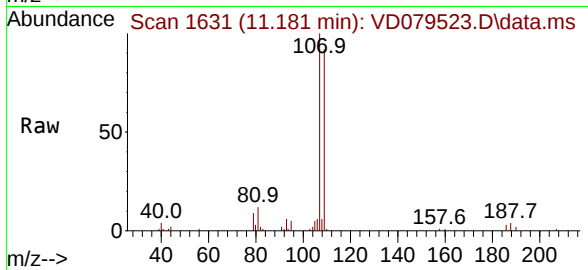




#61  
1,2-Dibromoethane  
Concen: 42.982 ug/l  
RT: 11.181 min Scan# 1631  
Delta R.T. 0.006 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

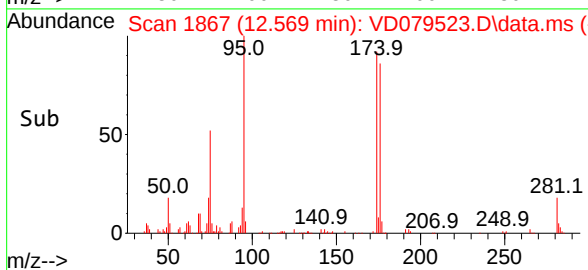
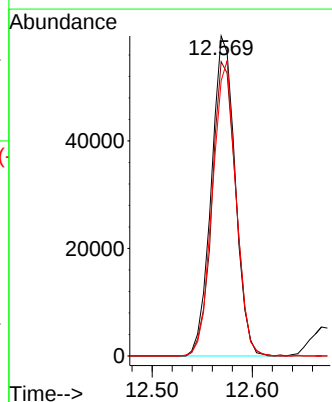
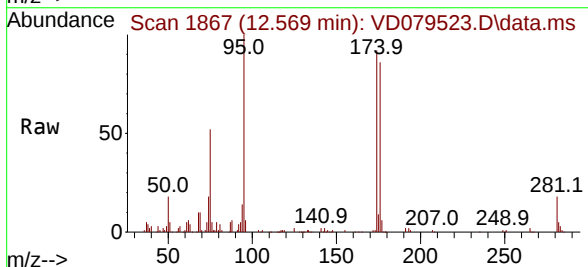
Instrument :  
MSVOA\_D  
ClientSampleId :

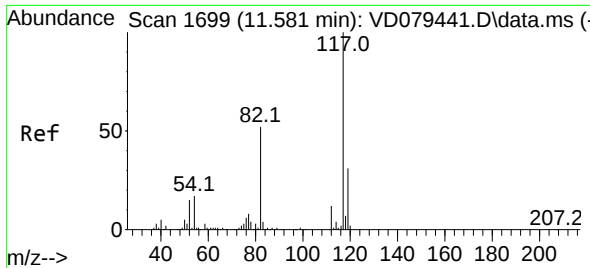
Tgt Ion:107 Resp: 53379  
Ion Ratio Lower Upper  
107 100  
109 98.5 72.0 108.0



#62  
4-Bromofluorobenzene  
Concen: 50.685 ug/l  
RT: 12.569 min Scan# 1867  
Delta R.T. -0.000 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

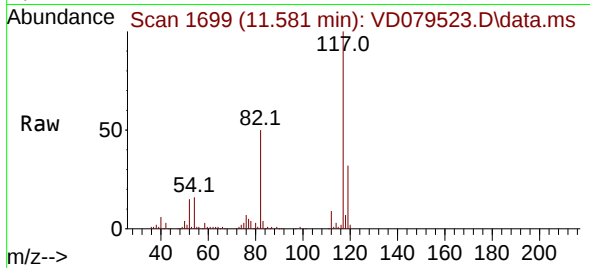
Tgt Ion: 95 Resp: 98004  
Ion Ratio Lower Upper  
95 100  
174 91.5 0.0 195.4  
176 90.9 0.0 192.6



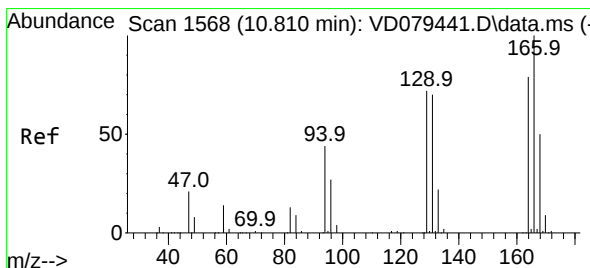
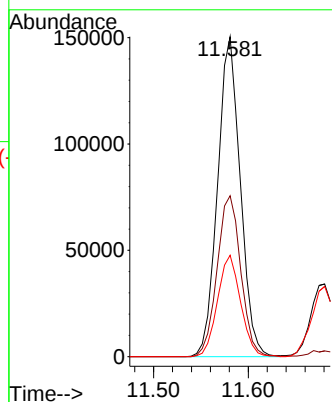
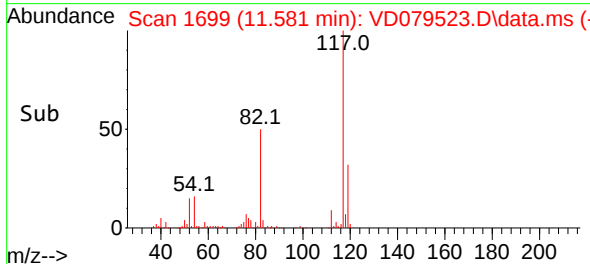


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.581 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

Instrument :  
MSVOA\_D  
ClientSampleId :

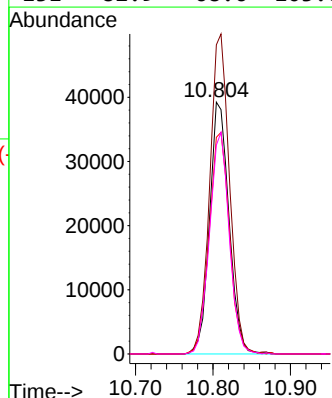
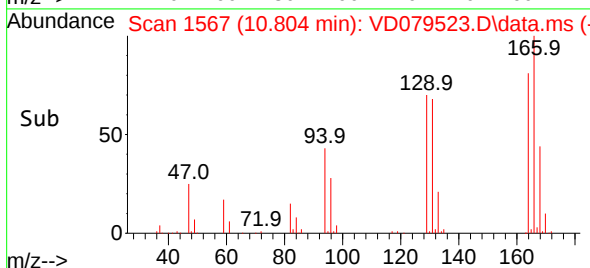
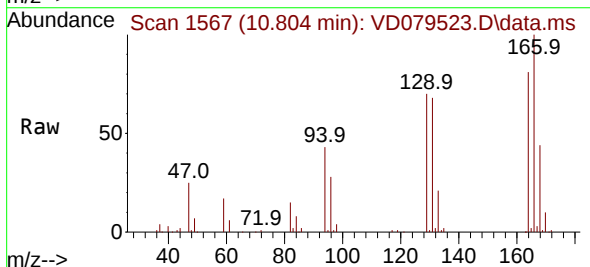


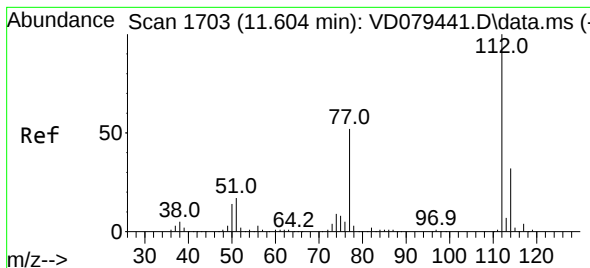
Tgt Ion:117 Resp: 250836  
Ion Ratio Lower Upper  
117 100  
82 50.3 39.8 59.6  
119 31.7 25.7 38.5



#64  
Tetrachloroethene  
Concen: 40.574 ug/l  
RT: 10.804 min Scan# 1567  
Delta R.T. -0.006 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

Tgt Ion:164 Resp: 68626  
Ion Ratio Lower Upper  
164 100  
166 122.8 108.6 163.0  
129 86.1 74.6 112.0  
131 82.9 68.6 103.0





#65

Chlorobenzene

Concen: 42.598 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VD079523.D

Acq: 01 Aug 2024 05:25

Instrument :

MSVOA\_D

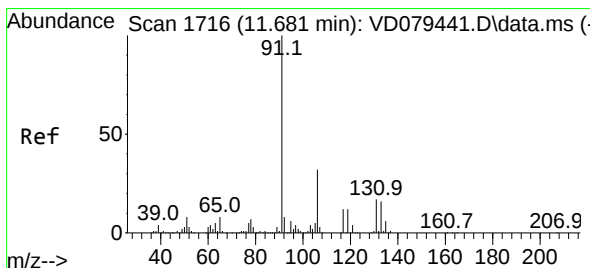
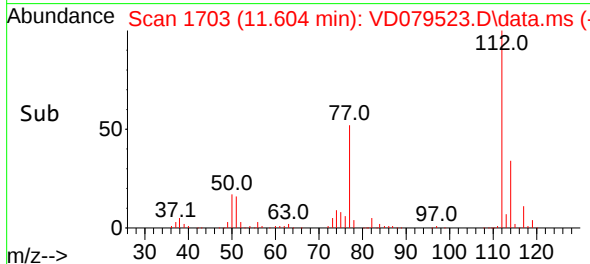
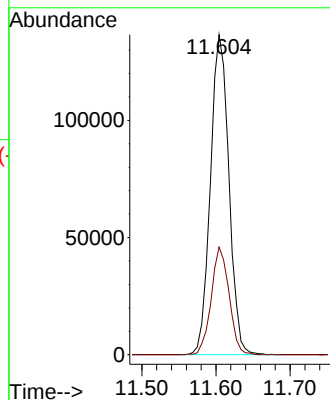
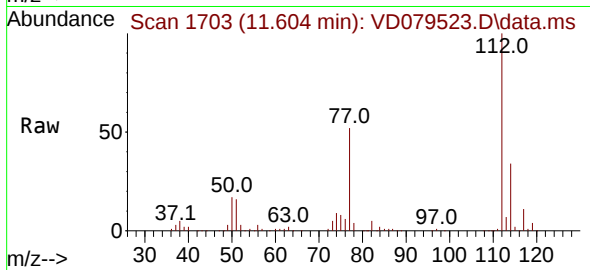
ClientSampleId :

Tgt Ion:112 Resp: 236610

Ion Ratio Lower Upper

112 100

114 33.6 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 46.152 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD079523.D

Acq: 01 Aug 2024 05:25

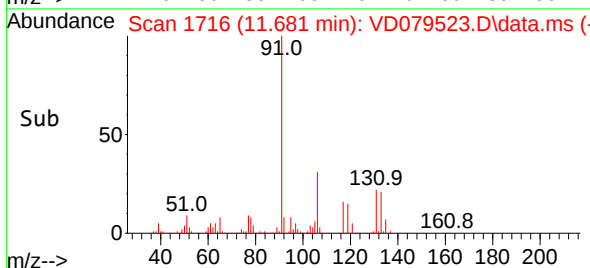
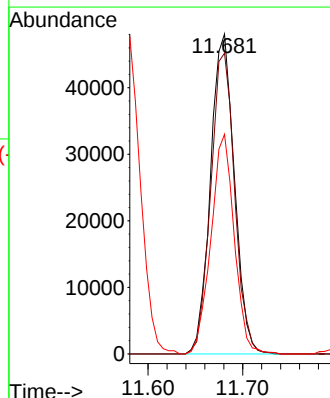
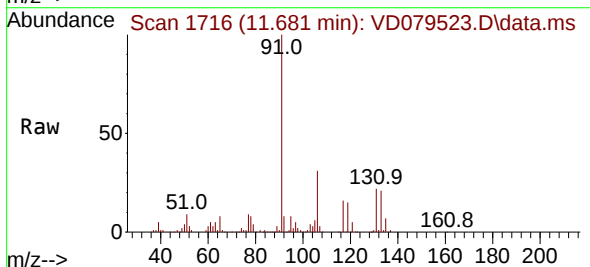
Tgt Ion:131 Resp: 84342

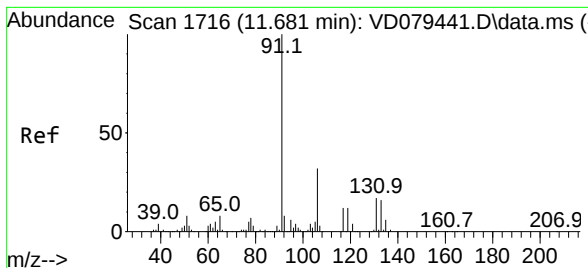
Ion Ratio Lower Upper

131 100

133 94.4 49.2 147.6

119 67.0 33.4 100.2

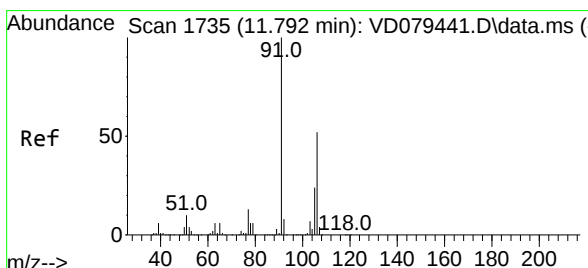
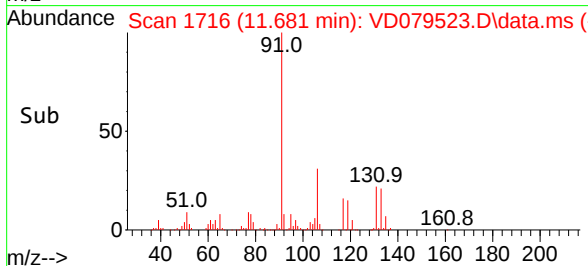
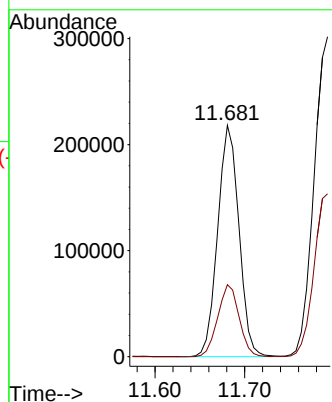
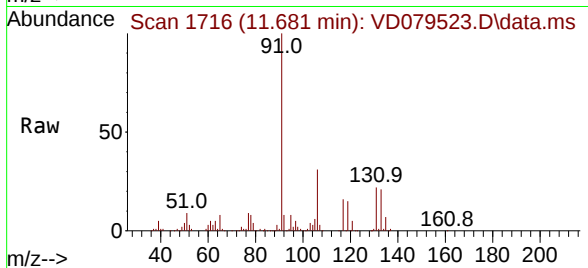




#67  
Ethyl Benzene  
Concen: 39.438 ug/l  
RT: 11.681 min Scan# 1716  
Delta R.T. -0.000 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

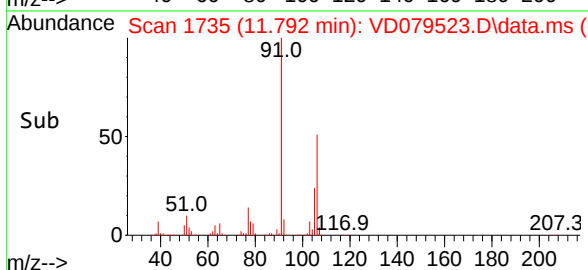
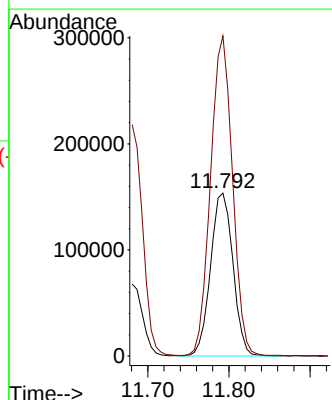
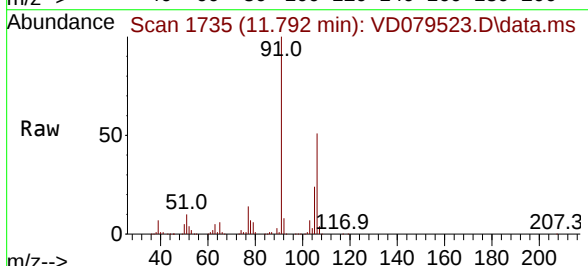
Instrument :  
MSVOA\_D  
ClientSampleId :

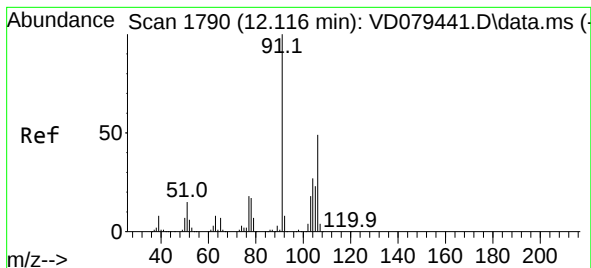
Tgt Ion: 91 Resp: 358611  
Ion Ratio Lower Upper  
91 100  
106 31.1 25.8 38.6



#68  
m/p-Xylenes  
Concen: 81.489 ug/l  
RT: 11.792 min Scan# 1735  
Delta R.T. -0.000 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

Tgt Ion:106 Resp: 293972  
Ion Ratio Lower Upper  
106 100  
91 193.2 148.5 222.7





#69

o-Xylene

Concen: 43.510 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.006 min

Lab File: VD079523.D

Acq: 01 Aug 2024 05:25

Instrument :

MSVOA\_D

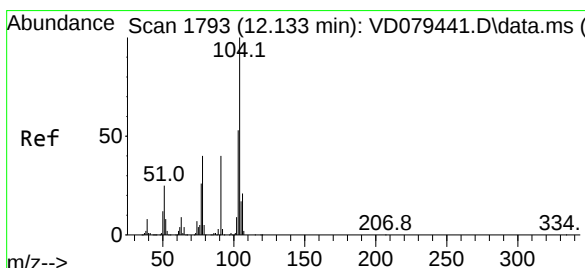
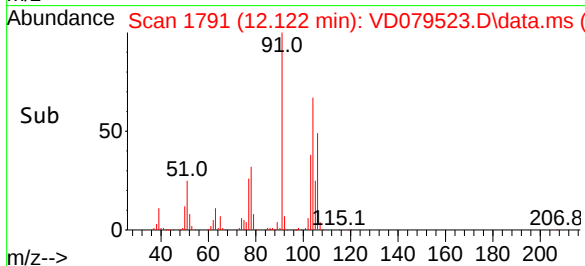
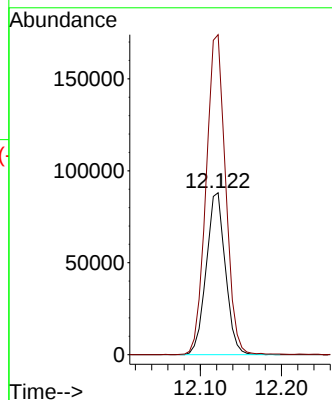
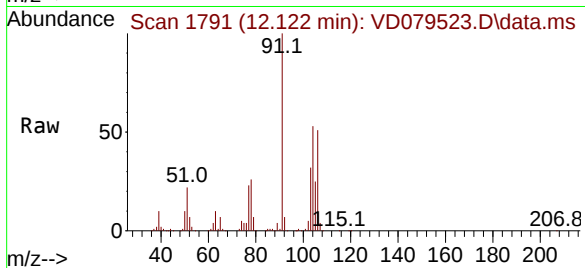
ClientSampleId :

Tgt Ion:106 Resp: 143872

Ion Ratio Lower Upper

106 100

91 201.9 96.7 290.1



#70

Styrene

Concen: 44.807 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD079523.D

Acq: 01 Aug 2024 05:25

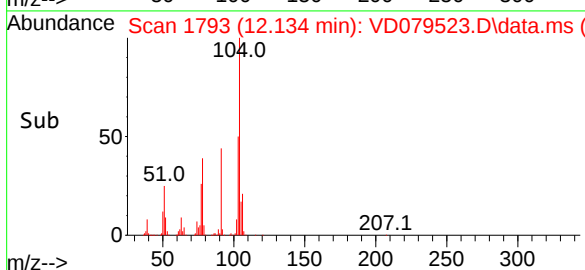
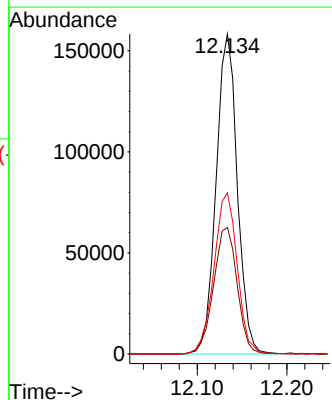
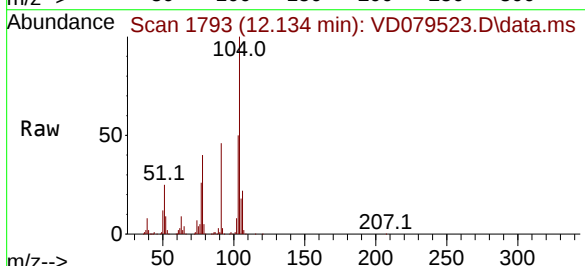
Tgt Ion:104 Resp: 259756

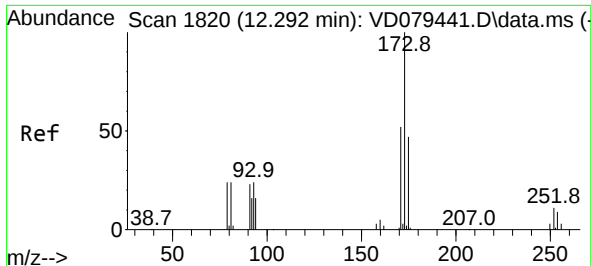
Ion Ratio Lower Upper

104 100

78 44.2 33.0 49.6

103 55.2 44.2 66.4

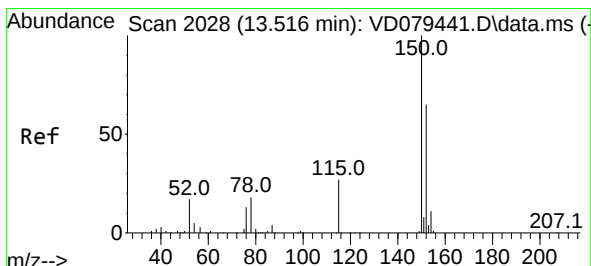
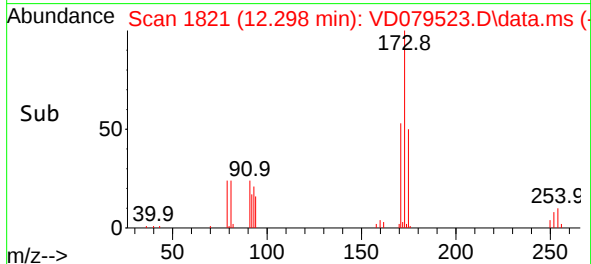
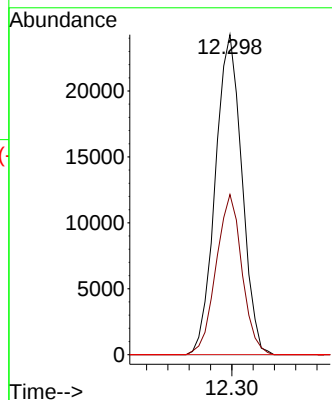
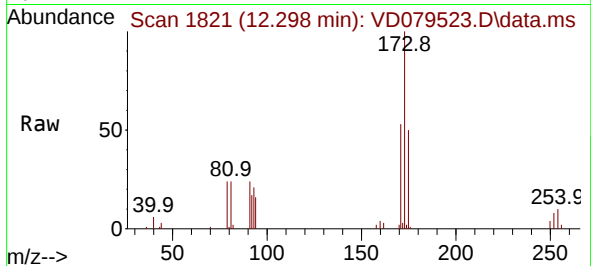




#71  
Bromoform  
Concen: 40.651 ug/l  
RT: 12.298 min Scan# 1821  
Delta R.T. 0.006 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

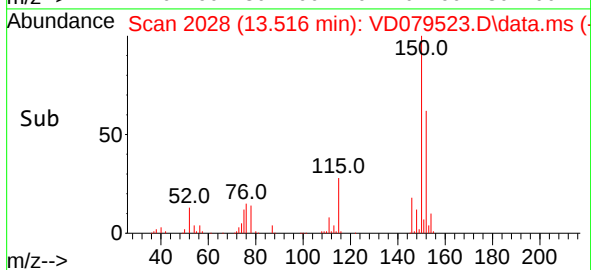
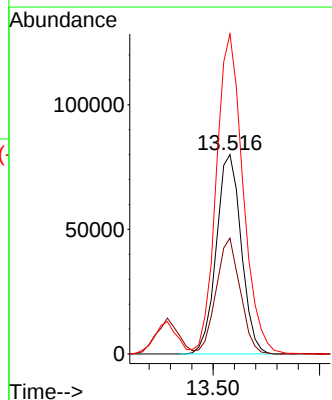
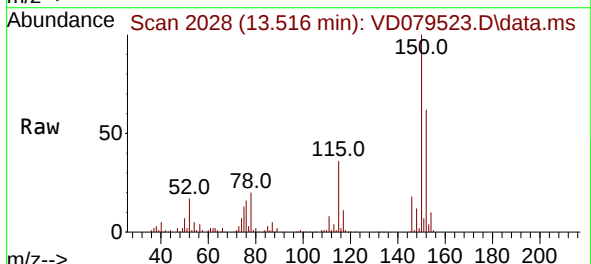
Instrument :  
MSVOA\_D  
ClientSampleId :

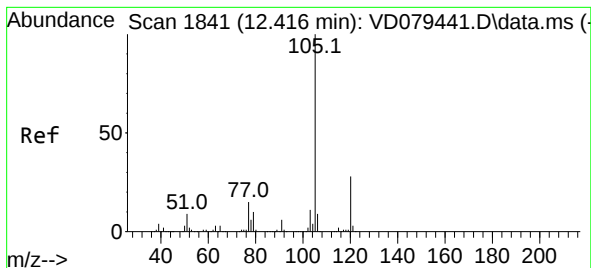
Tgt Ion:173 Resp: 41997  
Ion Ratio Lower Upper  
173 100  
175 48.9 23.7 71.1  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.516 min Scan# 2028  
Delta R.T. 0.006 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

Tgt Ion:152 Resp: 129753  
Ion Ratio Lower Upper  
152 100  
115 56.2 26.5 79.5  
150 172.0 0.0 341.6





#73

Isopropylbenzene

Concen: 33.983 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VD079523.D

Acq: 01 Aug 2024 05:25

Instrument :

MSVOA\_D

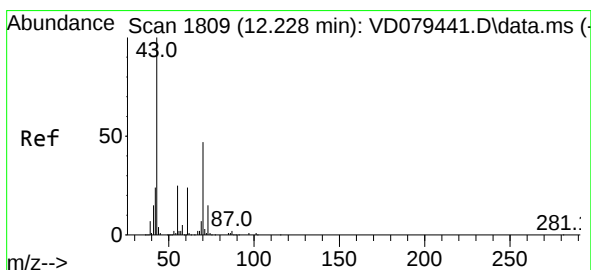
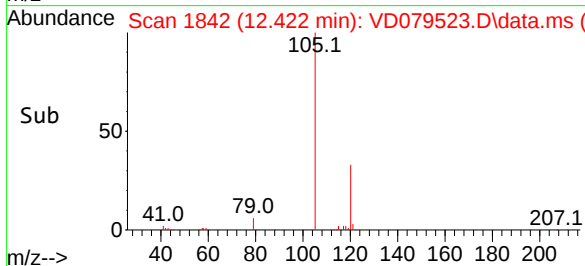
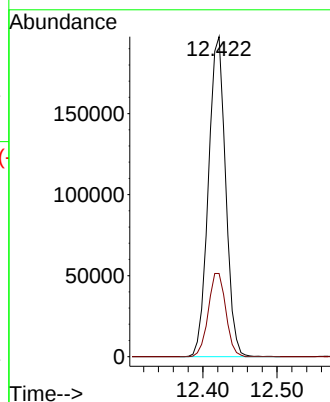
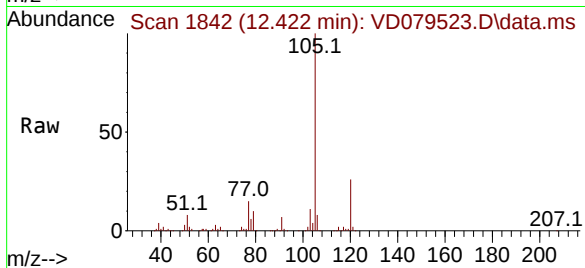
ClientSampleId :

Tgt Ion:105 Resp: 318074

Ion Ratio Lower Upper

105 100

120 26.6 13.6 40.7



#74

N-ethyl acetate

Concen: 24.748 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD079523.D

Acq: 01 Aug 2024 05:25

Tgt Ion: 43 Resp: 47230

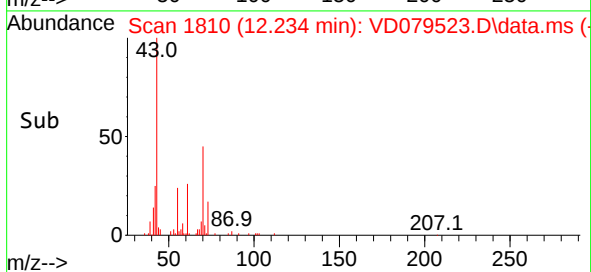
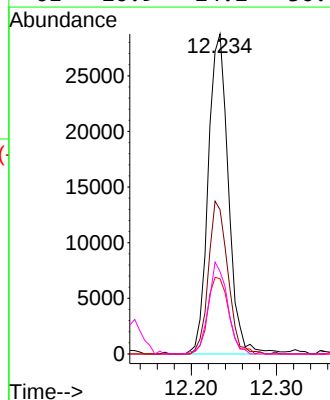
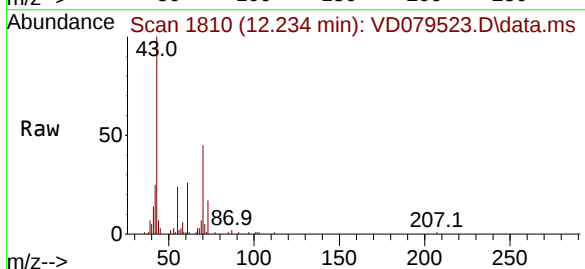
Ion Ratio Lower Upper

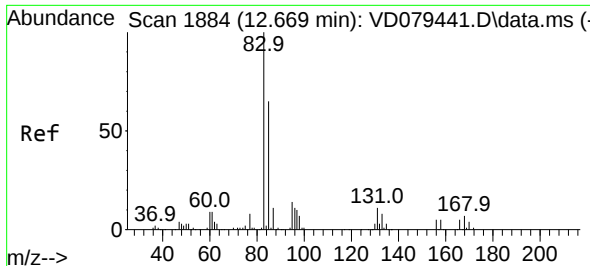
43 100

70 45.6 44.3 66.5

55 25.3 23.2 34.8

61 26.9 24.2 36.4

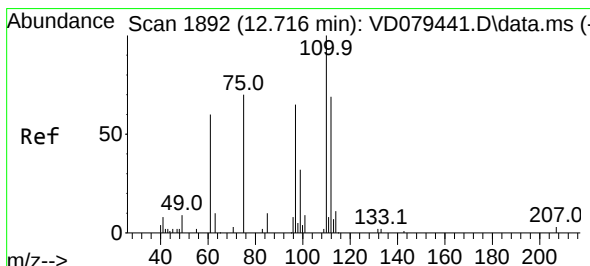
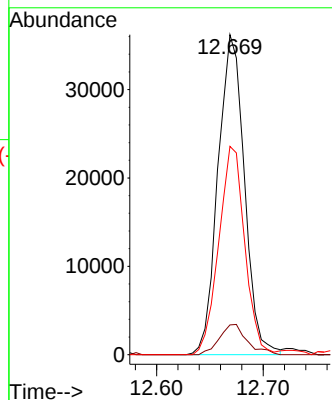
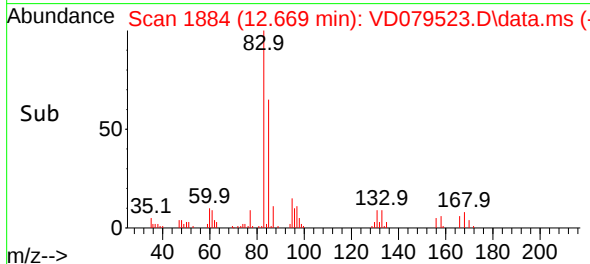
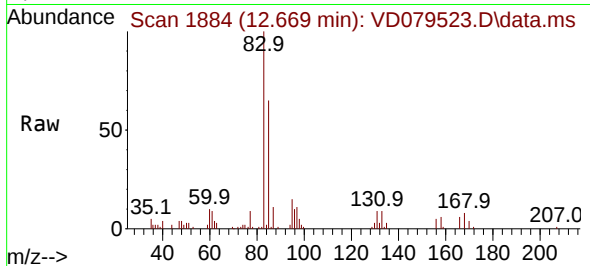




#75  
1,1,2,2-Tetrachloroethane  
Concen: 37.007 ug/l  
RT: 12.669 min Scan# 1884  
Delta R.T. -0.000 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

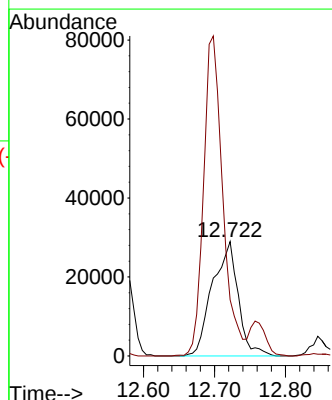
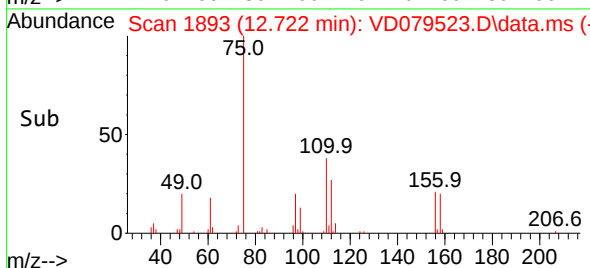
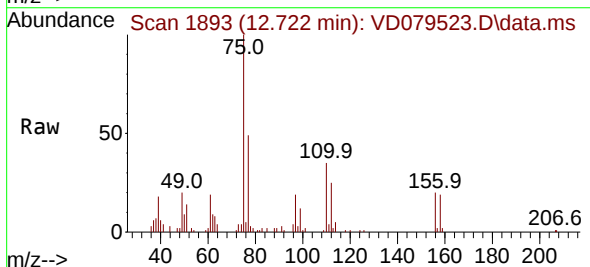
Instrument :  
MSVOA\_D  
ClientSampleId :

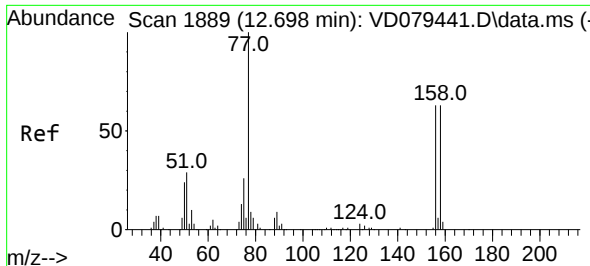
Tgt Ion: 83 Resp: 62380  
Ion Ratio Lower Upper  
83 100  
131 9.9 5.5 16.5  
85 64.0 33.8 101.3



#76  
1,2,3-Trichloropropane  
Concen: 64.432 ug/l  
RT: 12.722 min Scan# 1893  
Delta R.T. -0.000 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

Tgt Ion: 75 Resp: 73077  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

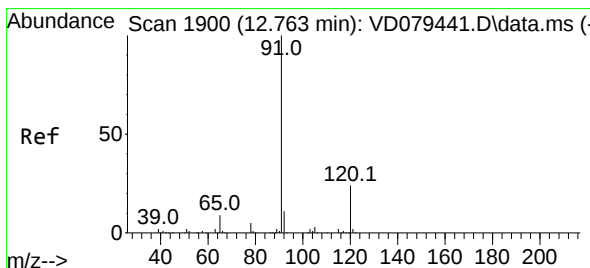
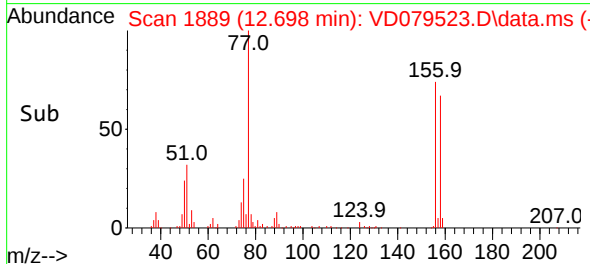
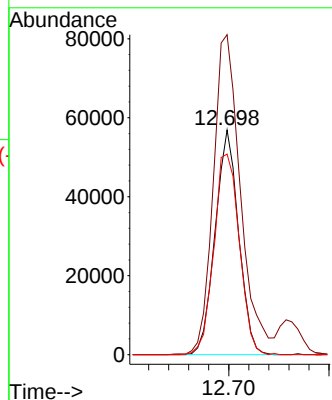
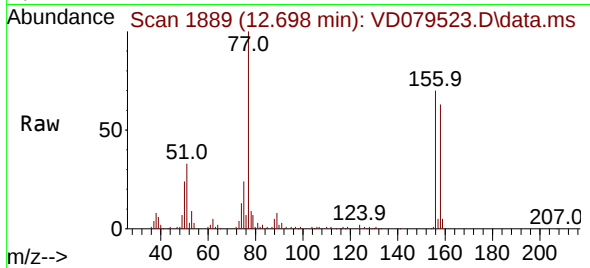




#77  
Bromobenzene  
Concen: 42.474 ug/l  
RT: 12.698 min Scan# 1889  
Delta R.T. -0.000 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

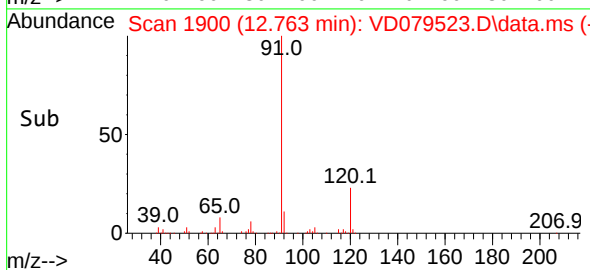
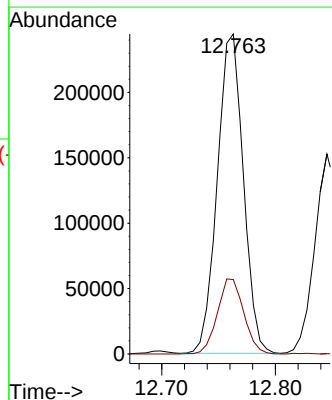
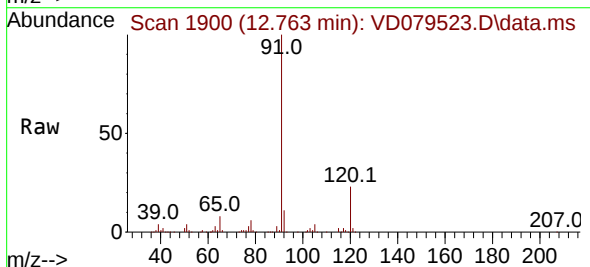
Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion:156 Resp: 92410  
Ion Ratio Lower Upper  
156 100  
77 164.5 77.3 231.9  
158 96.8 49.6 149.0



#78  
n-propylbenzene  
Concen: 35.857 ug/l  
RT: 12.763 min Scan# 1900  
Delta R.T. 0.006 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

Tgt Ion: 91 Resp: 388909  
Ion Ratio Lower Upper  
91 100  
120 23.8 12.3 36.8

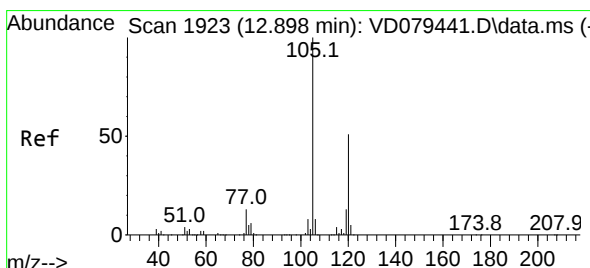
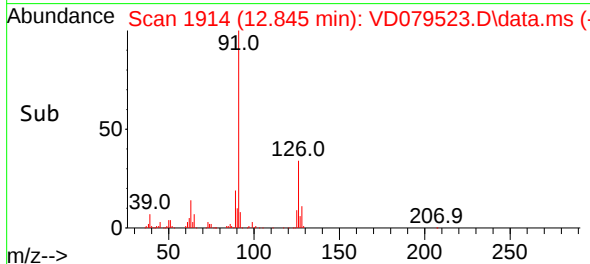
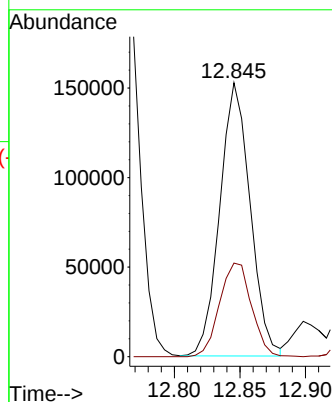
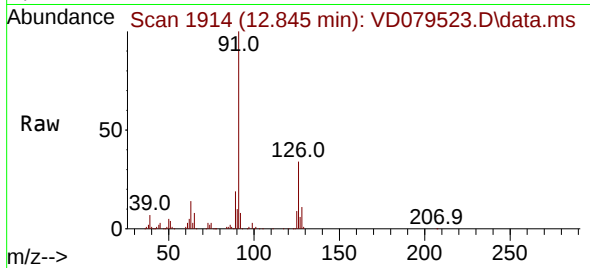




#79  
2-Chlorotoluene  
Concen: 40.745 ug/l  
RT: 12.845 min Scan# 1914  
Delta R.T. -0.000 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

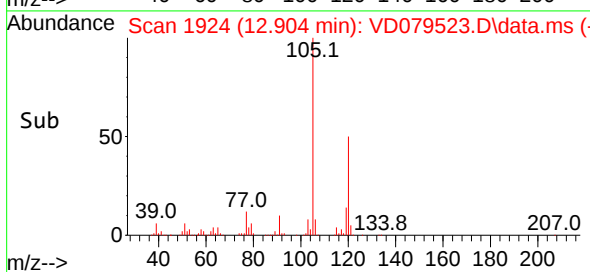
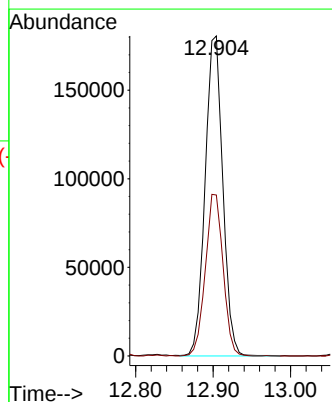
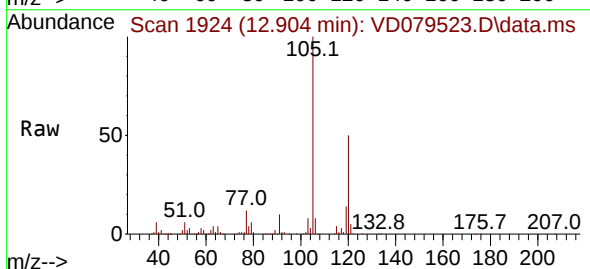
Instrument :  
MSVOA\_D  
ClientSampleId :

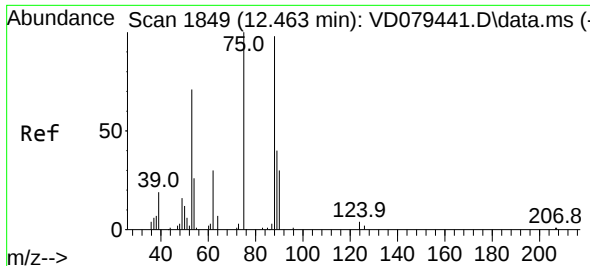
Tgt Ion: 91 Resp: 246071  
Ion Ratio Lower Upper  
91 100  
126 35.9 19.3 57.8



#80  
1,3,5-Trimethylbenzene  
Concen: 39.562 ug/l  
RT: 12.904 min Scan# 1924  
Delta R.T. -0.000 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

Tgt Ion: 105 Resp: 285946  
Ion Ratio Lower Upper  
105 100  
120 50.7 25.7 77.1

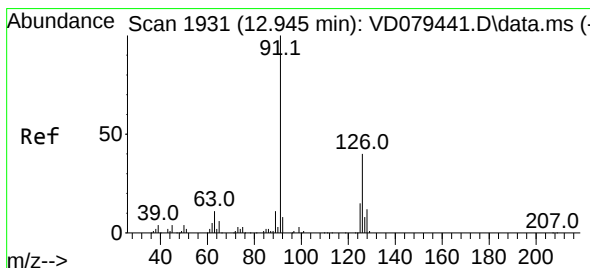
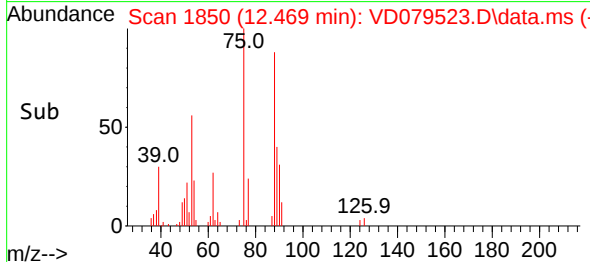
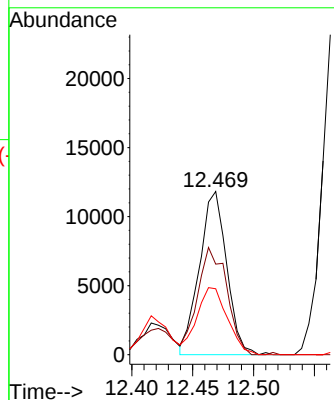
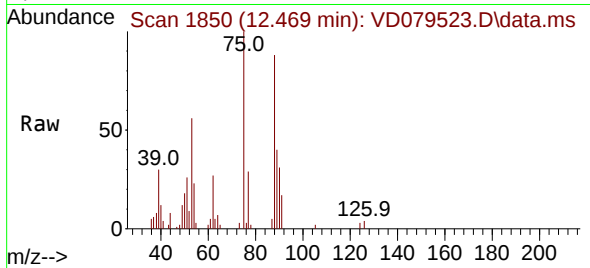




#81  
trans-1,4-Dichloro-2-butene  
Concen: 31.004 ug/l  
RT: 12.469 min Scan# 1850  
Delta R.T. -0.000 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

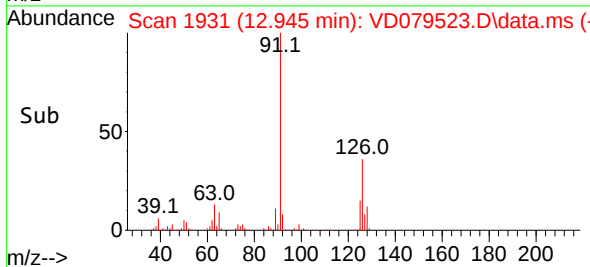
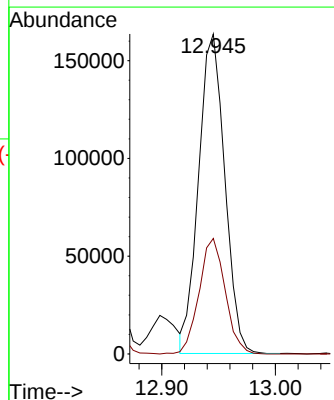
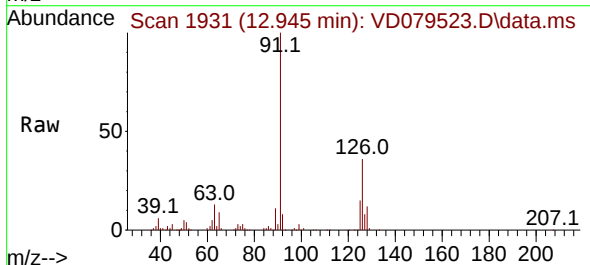
Instrument :  
MSVOA\_D  
ClientSampleId :

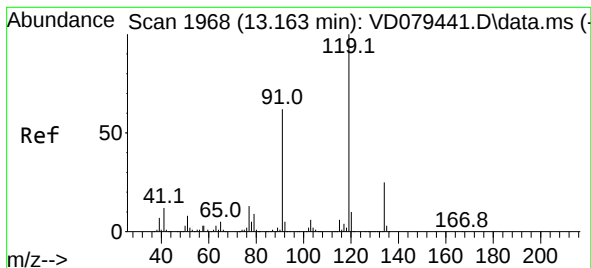
Tgt Ion: 75 Resp: 18437  
Ion Ratio Lower Upper  
75 100  
53 70.6 61.4 92.2  
89 46.2 35.4 53.0



#82  
4-Chlorotoluene  
Concen: 41.536 ug/l  
RT: 12.945 min Scan# 1931  
Delta R.T. -0.000 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

Tgt Ion: 91 Resp: 261501  
Ion Ratio Lower Upper  
91 100  
126 36.1 18.9 56.9





#83

tert-Butylbenzene

Concen: 33.454 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.000 min

Lab File: VD079523.D

Acq: 01 Aug 2024 05:25

Instrument :

MSVOA\_D

ClientSampleId :

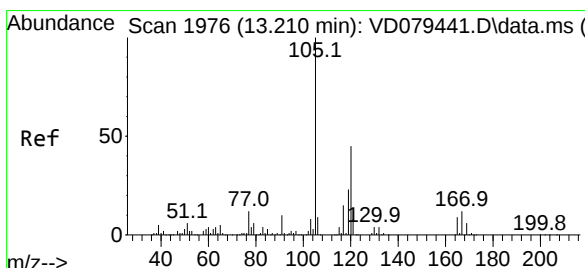
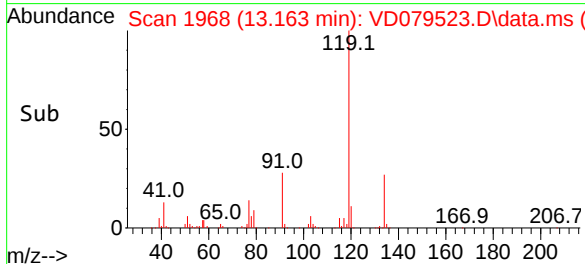
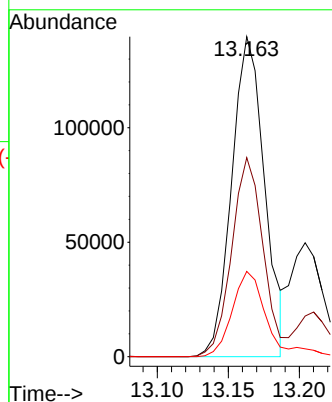
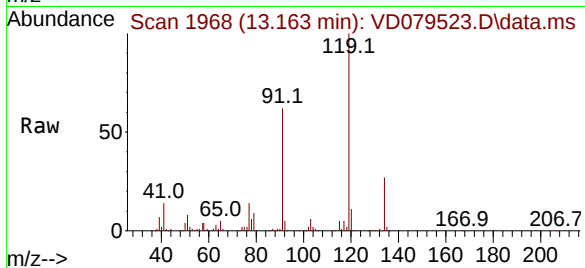
Tgt Ion:119 Resp: 225154

Ion Ratio Lower Upper

119 100

91 60.2 28.2 84.7

134 28.0 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 37.792 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VD079523.D

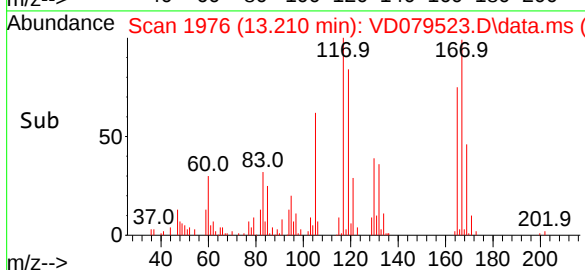
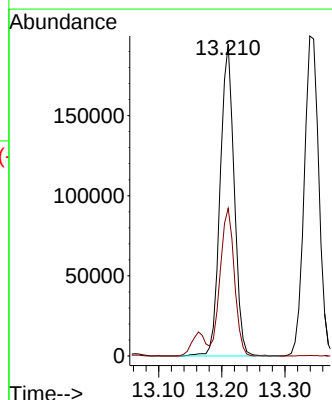
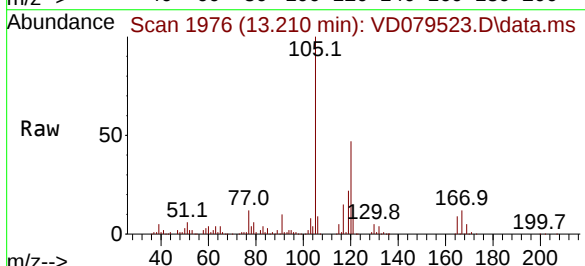
Acq: 01 Aug 2024 05:25

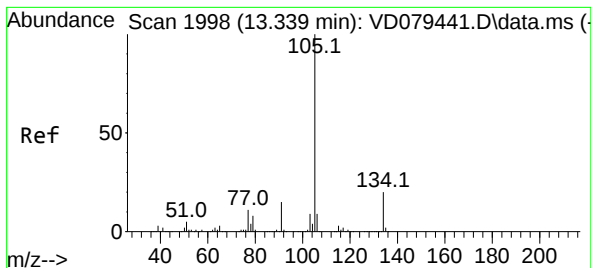
Tgt Ion:105 Resp: 300008

Ion Ratio Lower Upper

105 100

120 47.8 23.6 71.0





#85

sec-Butylbenzene

Concen: 33.382 ug/l

RT: 13.339 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VD079523.D

Acq: 01 Aug 2024 05:25

Instrument :

MSVOA\_D

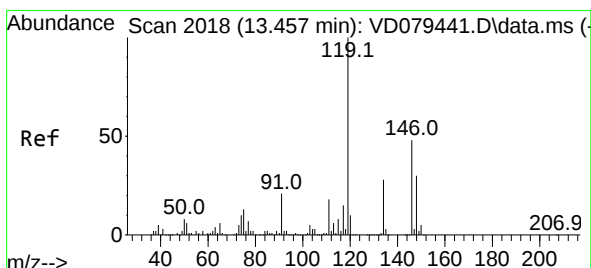
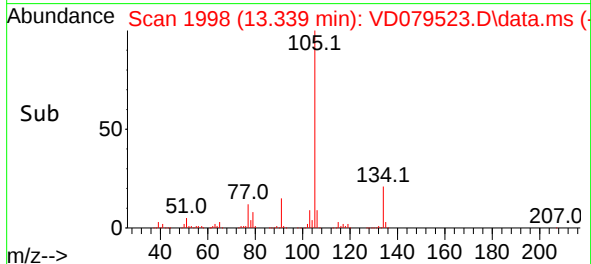
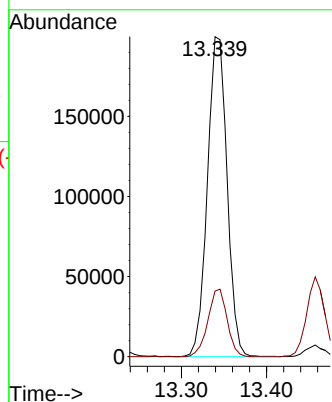
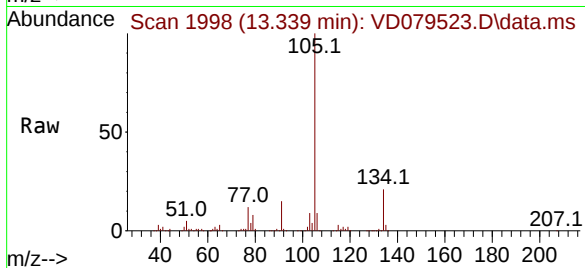
ClientSampleId :

Tgt Ion:105 Resp: 320918

Ion Ratio Lower Upper

105 100

134 20.6 10.3 30.8



#86

p-Isopropyltoluene

Concen: 31.798 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD079523.D

Acq: 01 Aug 2024 05:25

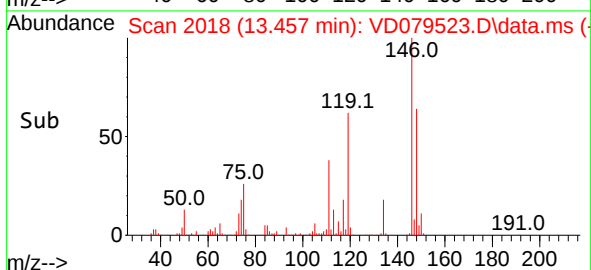
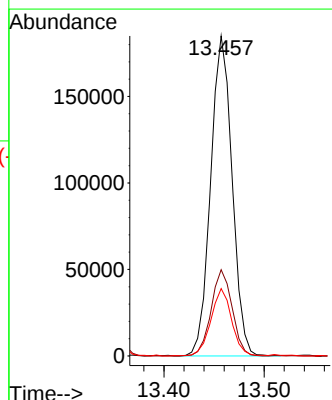
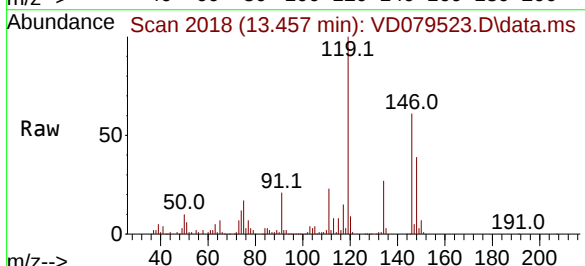
Tgt Ion:119 Resp: 275319

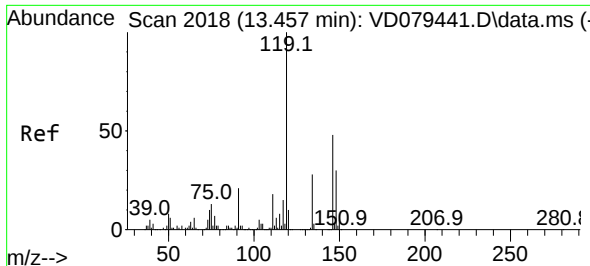
Ion Ratio Lower Upper

119 100

134 26.3 13.7 41.1

91 20.4 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 40.558 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD079523.D

Acq: 01 Aug 2024 05:25

Instrument :

MSVOA\_D

ClientSampleId :

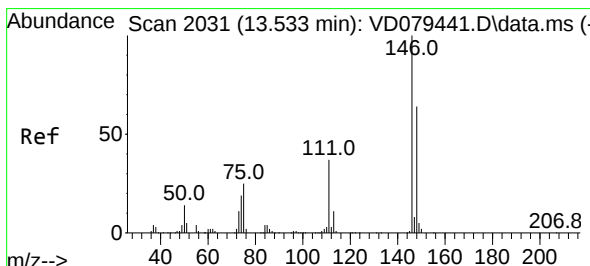
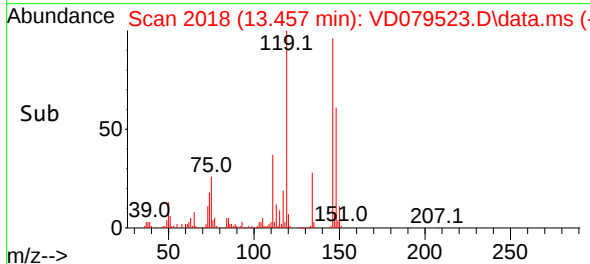
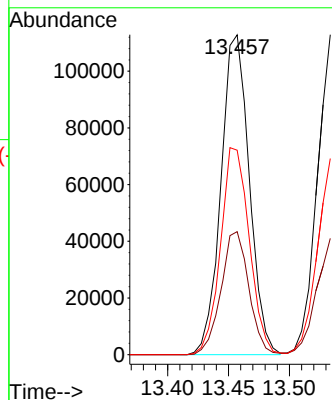
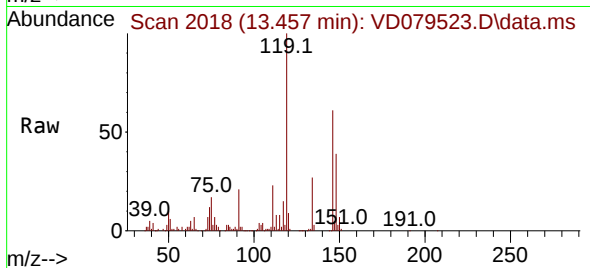
Tgt Ion:146 Resp: 182784

Ion Ratio Lower Upper

146 100

111 37.9 18.5 55.5

148 65.7 30.9 92.8



#88

1,4-Dichlorobenzene

Concen: 41.254 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VD079523.D

Acq: 01 Aug 2024 05:25

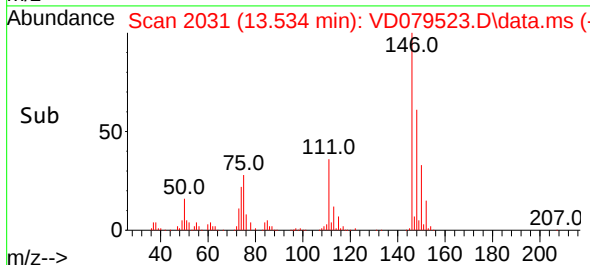
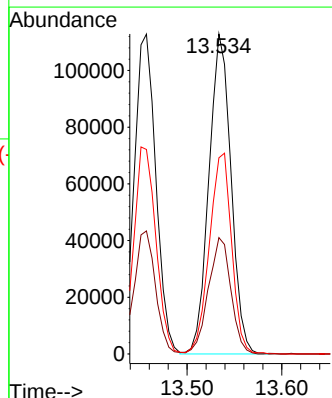
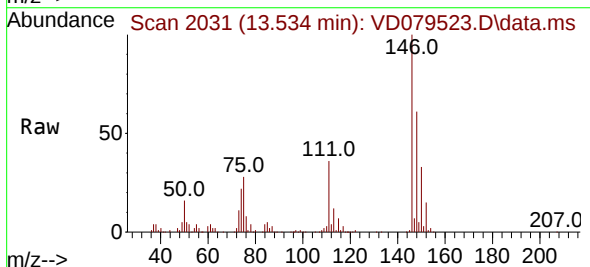
Tgt Ion:146 Resp: 182786

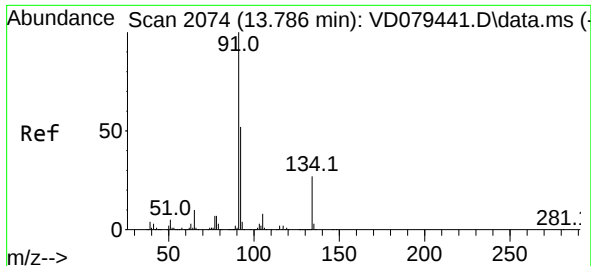
Ion Ratio Lower Upper

146 100

111 37.0 17.5 52.6

148 63.3 31.4 94.2

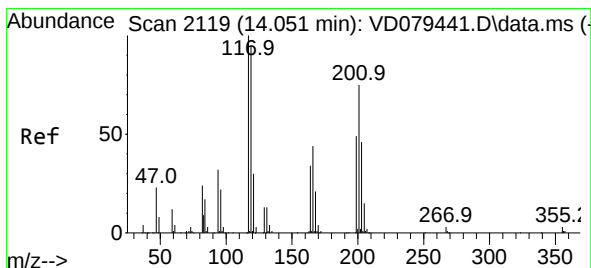
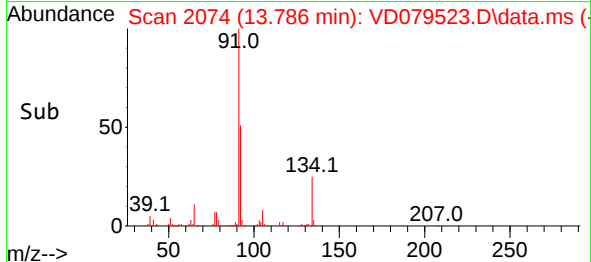
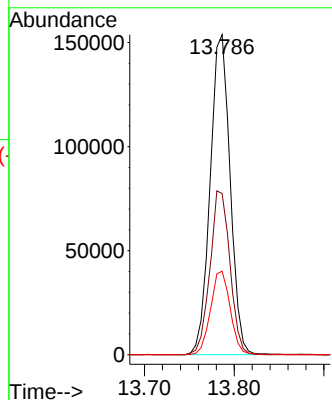
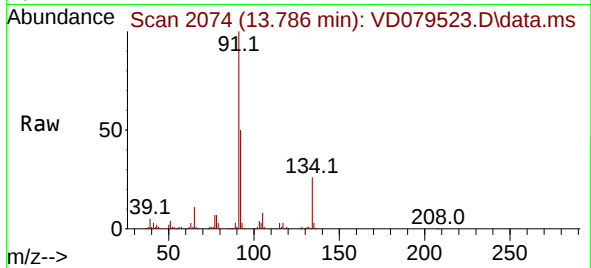




#89  
n-Butylbenzene  
Concen: 29.925 ug/l  
RT: 13.786 min Scan# 2074  
Delta R.T. 0.005 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

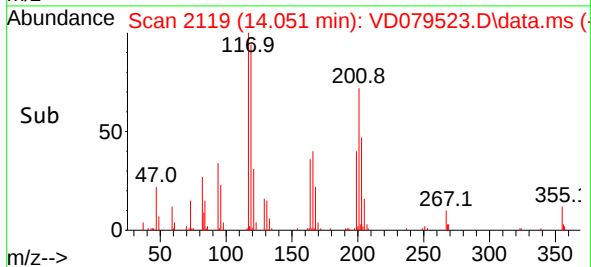
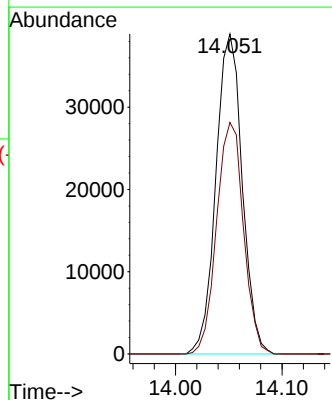
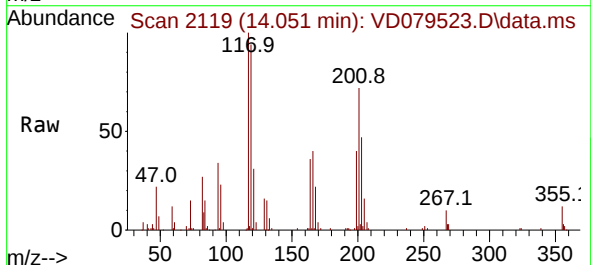
Instrument :  
MSVOA\_D  
ClientSampleId :

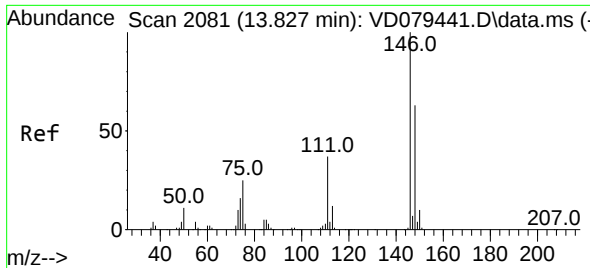
Tgt Ion: 91 Resp: 237583  
Ion Ratio Lower Upper  
91 100  
92 51.3 25.7 77.0  
134 25.7 13.6 40.8



#90  
Hexachloroethane  
Concen: 39.662 ug/l  
RT: 14.051 min Scan# 2119  
Delta R.T. 0.006 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

Tgt Ion: 117 Resp: 66691  
Ion Ratio Lower Upper  
117 100  
201 73.9 36.3 108.9

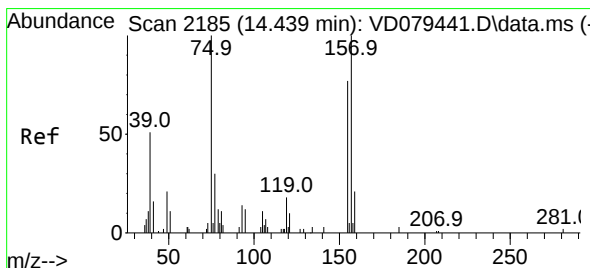
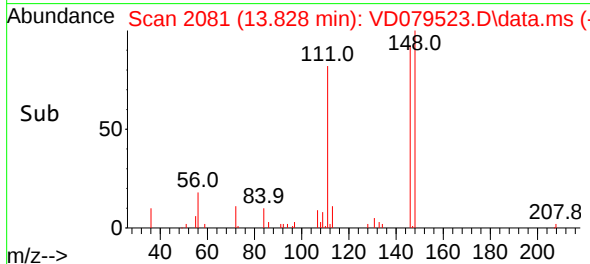
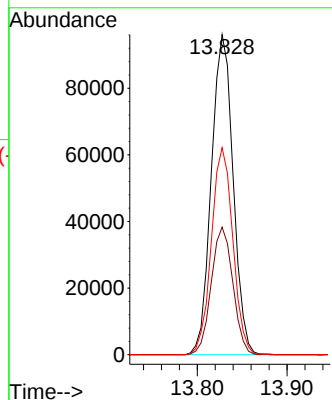
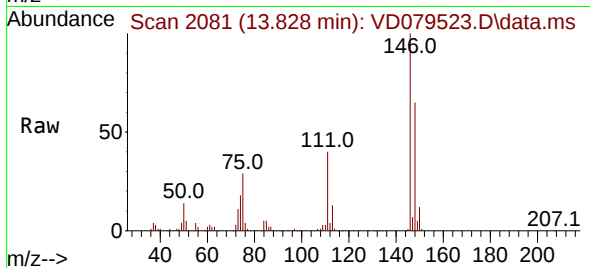




#91  
1,2-Dichlorobenzene  
Concen: 42.020 ug/l  
RT: 13.828 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

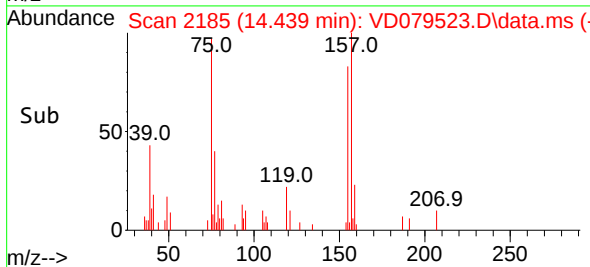
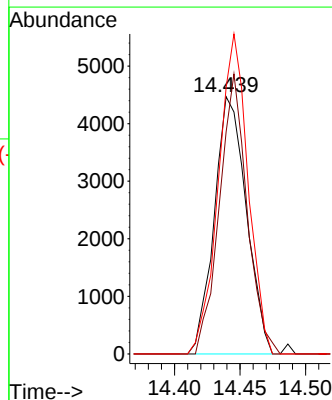
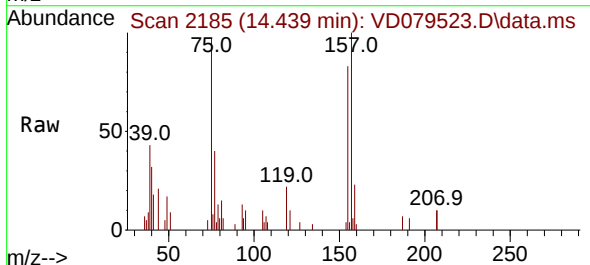
Instrument :  
MSVOA\_D  
ClientSampleId :

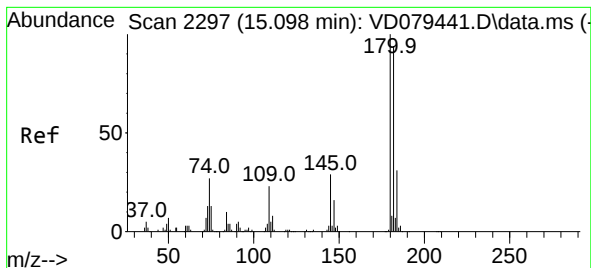
Tgt Ion:146 Resp: 161846  
Ion Ratio Lower Upper  
146 100  
111 39.5 19.1 57.1  
148 63.9 31.1 93.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 33.952 ug/l  
RT: 14.439 min Scan# 2185  
Delta R.T. -0.006 min  
Lab File: VD079523.D  
Acq: 01 Aug 2024 05:25

Tgt Ion: 75 Resp: 7615  
Ion Ratio Lower Upper  
75 100  
155 93.7 47.7 143.1  
157 114.6 63.4 190.2





#93

1,2,4-Trichlorobenzene

Concen: 36.998 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD079523.D

Acq: 01 Aug 2024 05:25

Instrument :

MSVOA\_D

ClientSampleId :

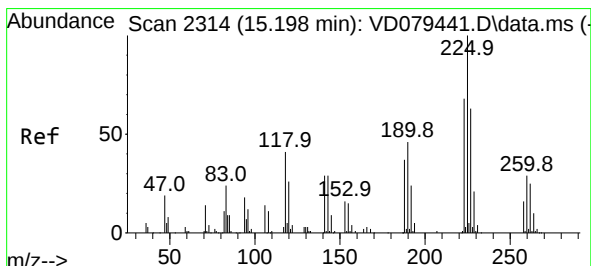
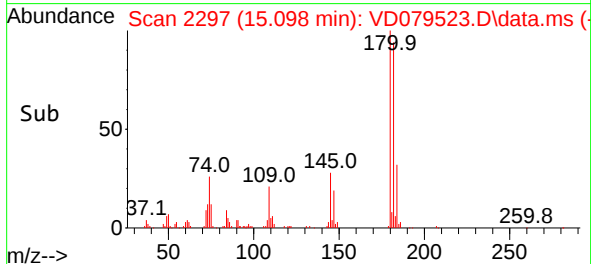
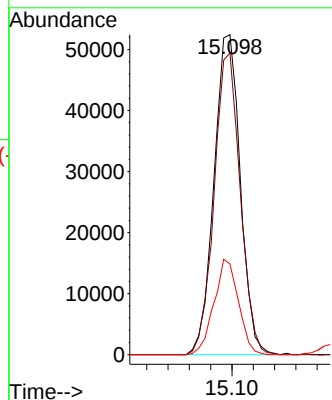
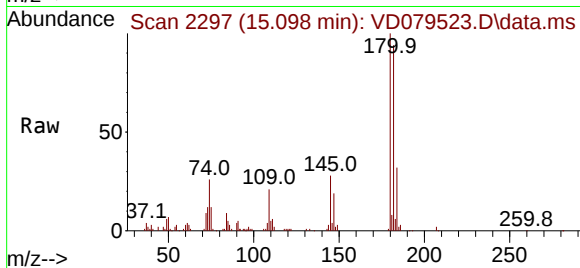
Tgt Ion:180 Resp: 89785

Ion Ratio Lower Upper

180 100

182 93.4 46.9 140.7

145 27.8 14.0 41.9



#94

Hexachlorobutadiene

Concen: 30.521 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.000 min

Lab File: VD079523.D

Acq: 01 Aug 2024 05:25

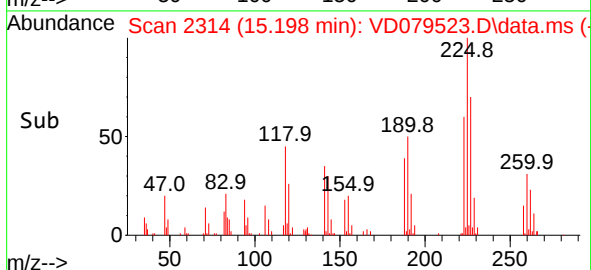
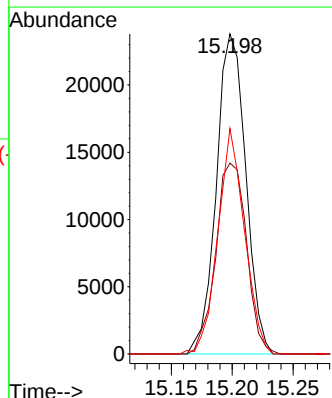
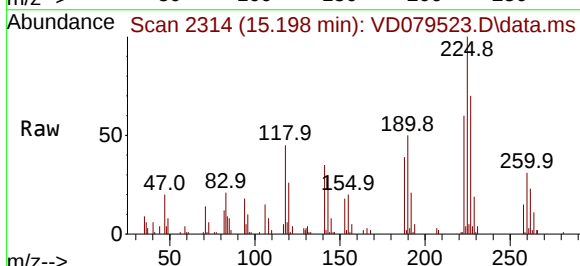
Tgt Ion:225 Resp: 39975

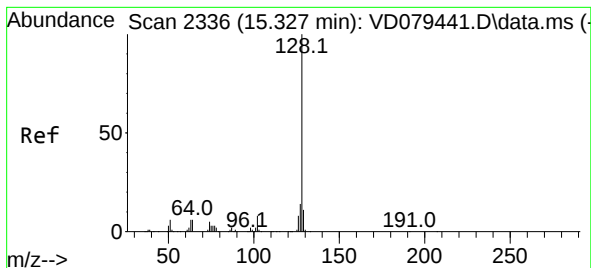
Ion Ratio Lower Upper

225 100

223 62.5 33.3 99.9

227 63.9 33.6 100.6





#95

Naphthalene

Concen: 34.255 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VD079523.D

Acq: 01 Aug 2024 05:25

Instrument :

MSVOA\_D

ClientSampleId :

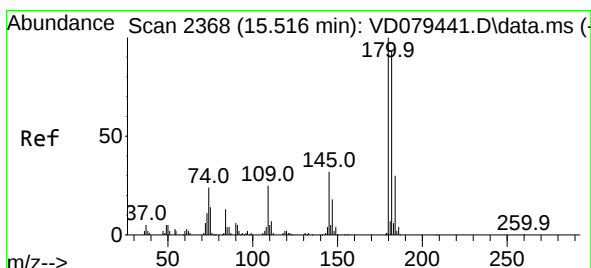
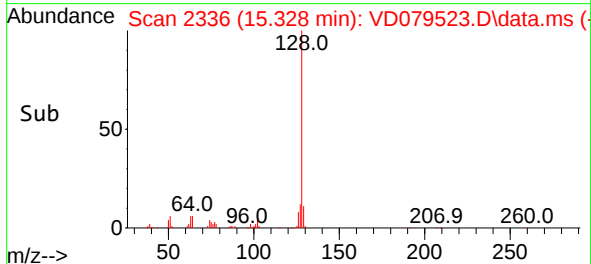
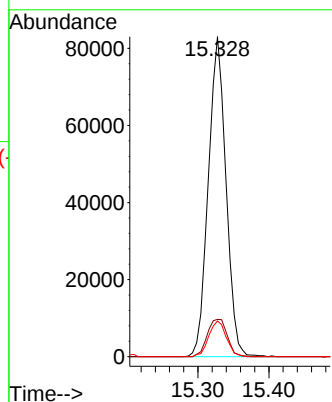
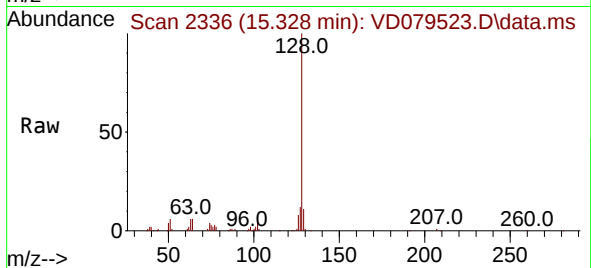
Tgt Ion:128 Resp: 143879

Ion Ratio Lower Upper

128 100

127 11.7 10.2 15.4

129 11.2 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 35.942 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD079523.D

Acq: 01 Aug 2024 05:25

Tgt Ion:180 Resp: 76726

Ion Ratio Lower Upper

180 100

182 97.4 47.8 143.3

145 30.8 16.1 48.2

