

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD070824\  
 Data File : VD079343.D  
 Acq On : 08 Jul 2024 15:21  
 Operator : RP/MD  
 Sample : VSTDIC020  
 Misc : 5.00G/5.0ml/MSVOA\_D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

Quant Time: Jul 08 16:54:15 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D070824S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 08 16:50:30 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.869  | 168  | 181714   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.775  | 114  | 332534   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.581 | 117  | 316080   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.510 | 152  | 154588   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.228  | 65    | 41819    | 19.529   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 39.060%# |
| 35) Dibromofluoromethane    | 7.799  | 113   | 48057    | 20.485   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 40.980%# |
| 50) Toluene-d8              | 10.263 | 98    | 180076   | 19.913   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =    | 39.820%# |
| 62) 4-Bromofluorobenzene    | 12.569 | 95    | 55401    | 19.711   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =    | 39.420%  |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.928 | 85  | 36296  | 21.543  | ug/l   | 96  |
| 3) Chloromethane             | 2.146 | 50  | 49013  | 21.727  | ug/l   | 91  |
| 4) Vinyl Chloride            | 2.275 | 62  | 44994  | 19.407  | ug/l   | 98  |
| 5) Bromomethane              | 2.670 | 94  | 32567  | 20.581  | ug/l   | 98  |
| 6) Chloroethane              | 2.822 | 64  | 27123  | 21.834  | ug/l   | 96  |
| 7) Trichlorofluoromethane    | 3.164 | 101 | 73953  | 21.830  | ug/l   | 91  |
| 8) Diethyl Ether             | 3.587 | 74  | 21546  | 19.909  | ug/l   | 84  |
| 9) 1,1,2-Trichlorotrifluo... | 3.952 | 101 | 45271  | 21.305  | ug/l   | 98  |
| 10) Methyl Iodide            | 4.152 | 142 | 48335  | 20.622  | ug/l   | 97  |
| 11) Tert butyl alcohol       | 5.052 | 59  | 13643  | 99.807  | ug/l   | 98  |
| 12) 1,1-Dichloroethene       | 3.934 | 96  | 45130  | 21.386  | ug/l   | 99  |
| 13) Acrolein                 | 3.793 | 56  | 18274  | 107.832 | ug/l   | 95  |
| 14) Allyl chloride           | 4.552 | 41  | 55337  | 20.578  | ug/l # | 85  |
| 15) Acrylonitrile            | 5.240 | 53  | 53009  | 106.338 | ug/l   | 96  |
| 16) Acetone                  | 4.017 | 43  | 41464  | 101.809 | ug/l   | 95  |
| 17) Carbon Disulfide         | 4.258 | 76  | 140927 | 21.138  | ug/l   | 98  |
| 18) Methyl Acetate           | 4.552 | 43  | 26991  | 21.180  | ug/l # | 87  |
| 19) Methyl tert-butyl Ether  | 5.311 | 73  | 96194  | 20.511  | ug/l   | 99  |
| 20) Methylene Chloride       | 4.793 | 84  | 84509  | 21.338  | ug/l   | 91  |
| 21) trans-1,2-Dichloroethene | 5.305 | 96  | 49418  | 21.081  | ug/l   | 89  |
| 22) Diisopropyl ether        | 6.211 | 45  | 131942 | 21.911  | ug/l   | 95  |
| 23) Vinyl Acetate            | 6.152 | 43  | 481405 | 104.462 | ug/l   | 94  |
| 24) 1,1-Dichloroethane       | 6.105 | 63  | 85192  | 20.982  | ug/l   | 96  |
| 25) 2-Butanone               | 7.075 | 43  | 58558  | 101.223 | ug/l   | 89  |
| 26) 2,2-Dichloropropane      | 7.075 | 77  | 71919  | 21.149  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 7.069 | 96  | 56327  | 20.582  | ug/l   | 88  |
| 28) Bromochloromethane       | 7.422 | 49  | 35567  | 20.782  | ug/l # | 78  |
| 29) Tetrahydrofuran          | 7.440 | 42  | 37272  | 105.705 | ug/l # | 85  |
| 30) Chloroform               | 7.593 | 83  | 90541  | 21.242  | ug/l   | 97  |
| 31) Cyclohexane              | 7.869 | 56  | 66519  | 20.541  | ug/l   | 84  |
| 32) 1,1,1-Trichloroethane    | 7.787 | 97  | 78126  | 21.926  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 8.005 | 75  | 62194  | 20.869  | ug/l   | 97  |
| 37) Ethyl Acetate            | 7.163 | 43  | 25926  | 20.088  | ug/l   | 99  |
| 38) Carbon Tetrachloride     | 7.987 | 117 | 66458  | 21.185  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.275 | 83  | 69987  | 20.140  | ug/l   | 93  |
| 40) Benzene                  | 8.246 | 78  | 199521 | 20.912  | ug/l   | 99  |

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 Acq On : 08 Jul 2024 15:21  
 Operator : RP/MD  
 Sample : VSTDIC020  
 Misc : 5.00G/5.0ml/MSVOA\_D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

Quant Time: Jul 08 16:54:15 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D070824S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 08 16:50:30 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.393  | 41   | 12426    | 18.612  | ug/l   | 94       |
| 42) 1,2-Dichloroethane        | 8.322  | 62   | 48447    | 21.004  | ug/l   | 96       |
| 43) Isopropyl Acetate         | 8.363  | 43   | 47763    | 20.252  | ug/l   | 98       |
| 44) Trichloroethene           | 9.028  | 130  | 48152    | 21.171  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.305  | 63   | 50031    | 21.481  | ug/l   | 95       |
| 46) Dibromomethane            | 9.393  | 93   | 29178    | 21.366  | ug/l   | 90       |
| 47) Bromodichloromethane      | 9.581  | 83   | 70050    | 20.980  | ug/l   | 95       |
| 48) Methyl methacrylate       | 9.381  | 41   | 21391    | 19.998  | ug/l   | 89       |
| 49) 1,4-Dioxane               | 9.381  | 88   | 6044     | 390.813 | ug/l # | 82       |
| 51) 4-Methyl-2-Pentanone      | 10.157 | 43   | 131752   | 104.330 | ug/l   | 95       |
| 52) Toluene                   | 10.328 | 92   | 124441   | 21.186  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.552 | 75   | 63010    | 20.831  | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene   | 10.010 | 75   | 74936    | 20.740  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.728 | 97   | 39702    | 21.657  | ug/l   | 94       |
| 56) Ethyl methacrylate        | 10.593 | 69   | 42653    | 19.297  | ug/l   | 95       |
| 57) 1,3-Dichloropropane       | 10.875 | 76   | 62603    | 20.813  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.869  | 63   | 98511    | 96.618  | ug/l   | 91       |
| 59) 2-Hexanone                | 10.922 | 43   | 92619    | 102.650 | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.075 | 129  | 51057    | 21.697  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.175 | 107  | 36203    | 20.944  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.804 | 164  | 38259    | 20.648  | ug/l   | 91       |
| 65) Chlorobenzene             | 11.604 | 112  | 140843   | 21.229  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.675 | 131  | 47238    | 21.103  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.681 | 91   | 225254   | 20.338  | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.787 | 106  | 179062   | 41.868  | ug/l   | 87       |
| 69) o-Xylene                  | 12.116 | 106  | 80907    | 20.217  | ug/l   | 85       |
| 70) Styrene                   | 12.134 | 104  | 147725   | 20.687  | ug/l   | 96       |
| 71) Bromoform                 | 12.298 | 173  | 27168    | 20.949  | ug/l # | 96       |
| 73) Isopropylbenzene          | 12.416 | 105  | 211349   | 20.483  | ug/l   | 97       |
| 74) N-amyl acetate            | 12.228 | 43   | 46883    | 20.218  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.669 | 83   | 46124    | 21.158  | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane    | 12.716 | 75   | 55212    | 35.804  | ug/l # | 100      |
| 77) Bromobenzene              | 12.698 | 156  | 51052    | 20.910  | ug/l   | 81       |
| 78) n-propylbenzene           | 12.757 | 91   | 271743   | 21.130  | ug/l   | 94       |
| 79) 2-Chlorotoluene           | 12.845 | 91   | 155520   | 21.085  | ug/l   | 92       |
| 80) 1,3,5-Trimethylbenzene    | 12.898 | 105  | 184057   | 21.045  | ug/l   | 93       |
| 81) trans-1,4-Dichloro-2-b... | 12.469 | 75   | 16343    | 20.746  | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 12.945 | 91   | 169668   | 21.615  | ug/l   | 93       |
| 83) tert-Butylbenzene         | 13.163 | 119  | 149369   | 20.452  | ug/l   | 91       |
| 84) 1,2,4-Trimethylbenzene    | 13.210 | 105  | 186759   | 21.052  | ug/l   | 94       |
| 85) sec-Butylbenzene          | 13.340 | 105  | 232233   | 20.746  | ug/l   | 96       |
| 86) p-Isopropyltoluene        | 13.457 | 119  | 191083   | 20.612  | ug/l   | 95       |
| 87) 1,3-Dichlorobenzene       | 13.457 | 146  | 107504   | 20.880  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.534 | 146  | 108418   | 20.921  | ug/l   | 93       |
| 89) n-Butylbenzene            | 13.781 | 91   | 185593   | 20.594  | ug/l   | 97       |
| 90) Hexachloroethane          | 14.051 | 117  | 42637    | 20.819  | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene       | 13.828 | 146  | 96174    | 21.057  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.445 | 75   | 6410     | 20.934  | ug/l   | 88       |
| 93) 1,2,4-Trichlorobenzene    | 15.092 | 180  | 49561    | 19.310  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.192 | 225  | 27623    | 20.293  | ug/l   | 97       |
| 95) Naphthalene               | 15.328 | 128  | 100057   | 19.610  | ug/l   | 95       |
| 96) 1,2,3-Trichlorobenzene    | 15.516 | 180  | 45132    | 19.685  | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD070824\  
Data File : VD079343.D  
Acq On : 08 Jul 2024 15:21  
Operator : RP/MD  
Sample : VSTDICC020  
Misc : 5.00G/5.0ml/MSVOA\_D/SOIL  
ALS Vial : 6 Sample Multiplier: 1

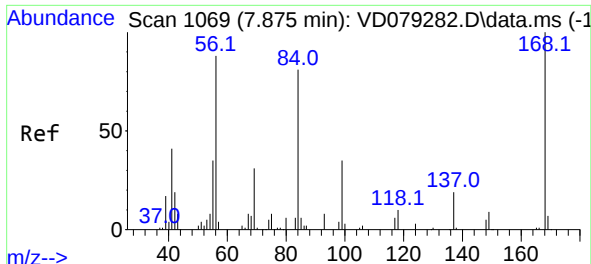
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC020

Quant Time: Jul 08 16:54:15 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D070824S.M  
Quant Title : SW846 8260  
QLast Update : Mon Jul 08 16:50:30 2024  
Response via : Initial Calibration

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

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

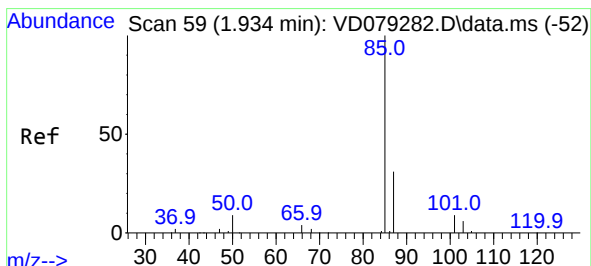
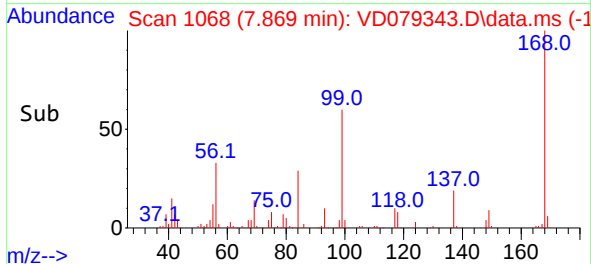
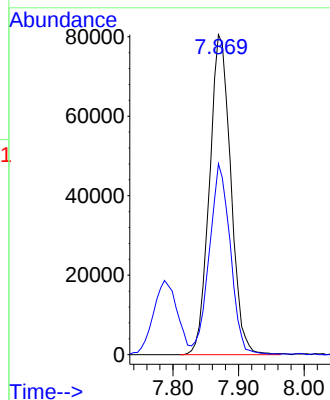
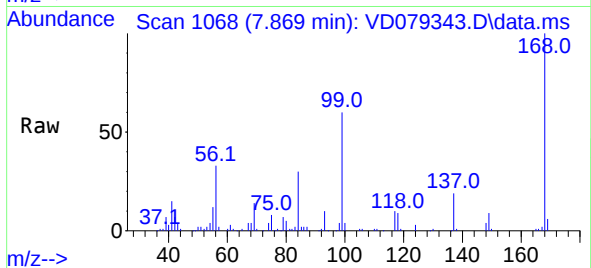




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.869 min Scan# 1069  
Delta R.T. -0.006 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

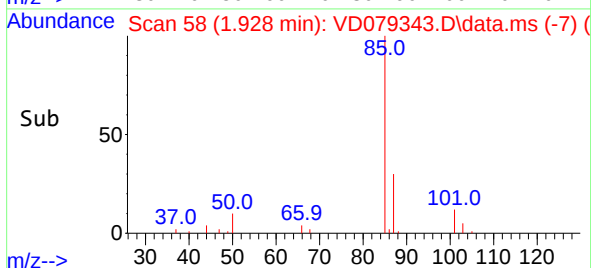
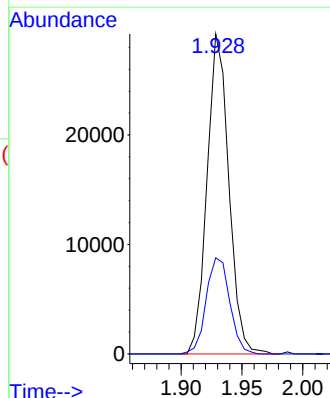
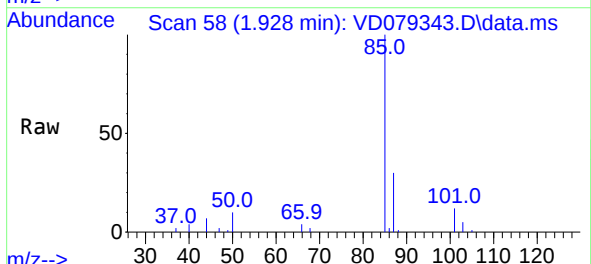
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC020

Tgt Ion:168 Resp: 181714  
Ion Ratio Lower Upper  
168 100  
99 59.4 41.1 61.7

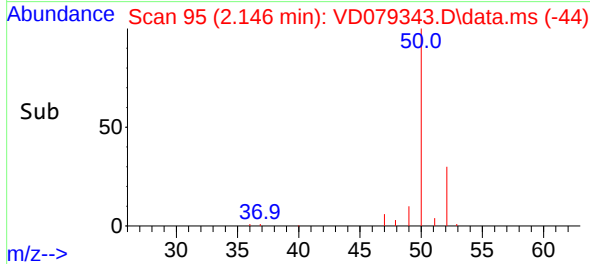
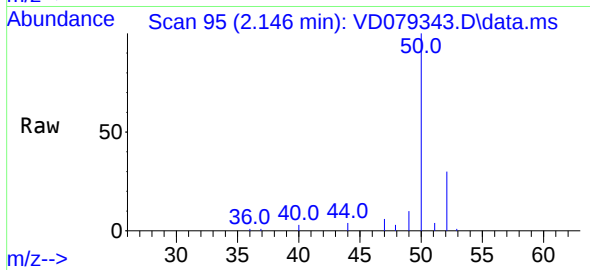
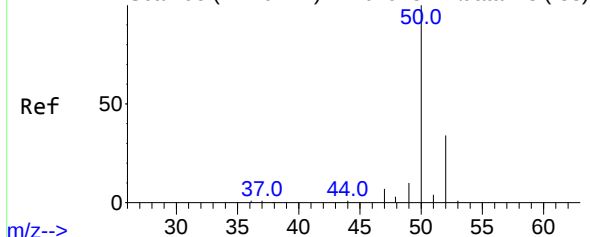


#2  
Dichlorodifluoromethane  
Concen: 21.543 ug/l  
RT: 1.928 min Scan# 58  
Delta R.T. 0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

Tgt Ion: 85 Resp: 36296  
Ion Ratio Lower Upper  
85 100  
87 30.0 16.0 48.0



Abundance Scan 95 (2.146 min): VD079282.D\data.ms (-88)



#3

Chloromethane

Concen: 21.727 ug/l

RT: 2.146 min Scan# 95

Delta R.T. 0.000 min

Lab File: VD079343.D

Acq: 08 Jul 2024 15:21

Instrument :

MSVOA\_D

ClientSampleId :

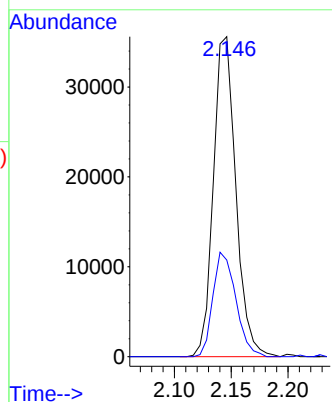
VSTDICC020

Tgt Ion: 50 Resp: 49013

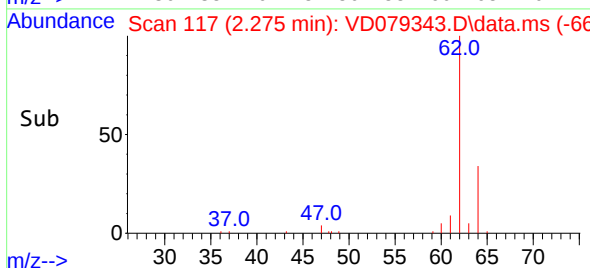
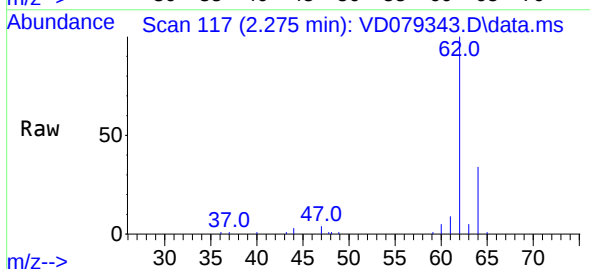
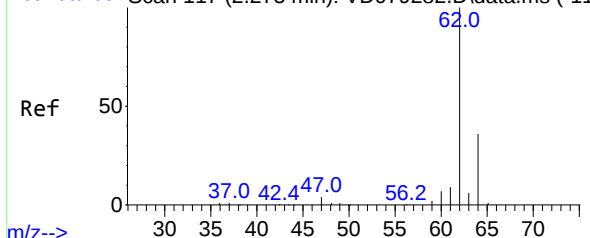
Ion Ratio Lower Upper

50 100

52 30.2 28.2 42.2



Abundance Scan 117 (2.275 min): VD079282.D\data.ms (-11)



#4

Vinyl Chloride

Concen: 19.407 ug/l

RT: 2.275 min Scan# 117

Delta R.T. 0.000 min

Lab File: VD079343.D

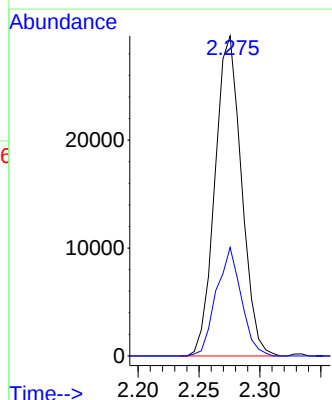
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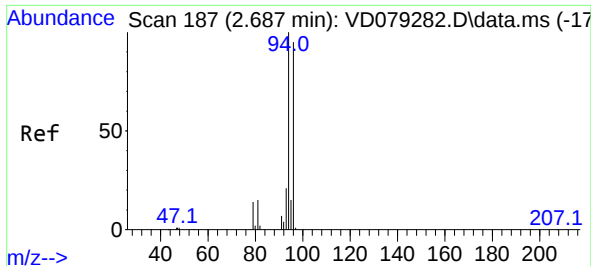
Tgt Ion: 62 Resp: 44994

Ion Ratio Lower Upper

62 100

64 33.9 26.3 39.5

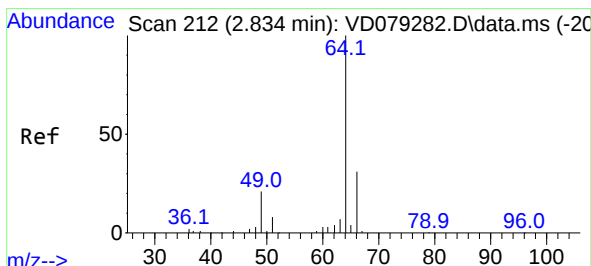
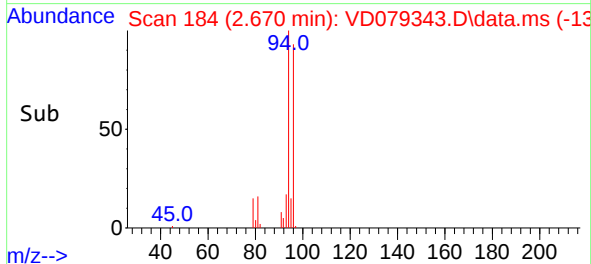
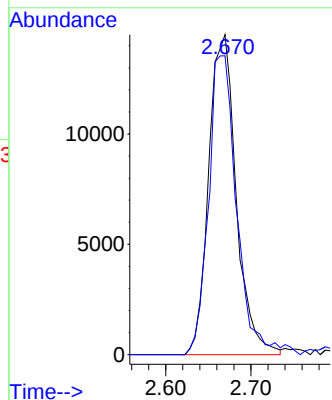
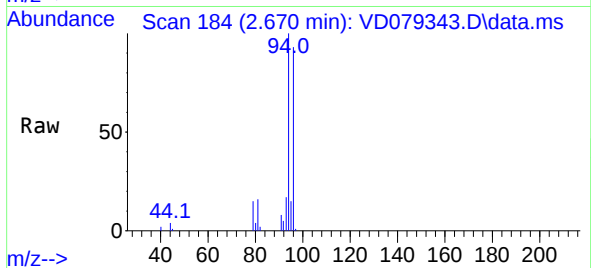




#5  
Bromomethane  
Concen: 20.581 ug/l  
RT: 2.670 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

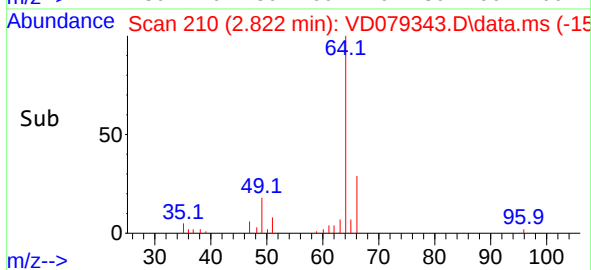
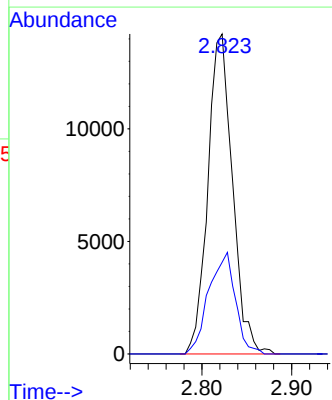
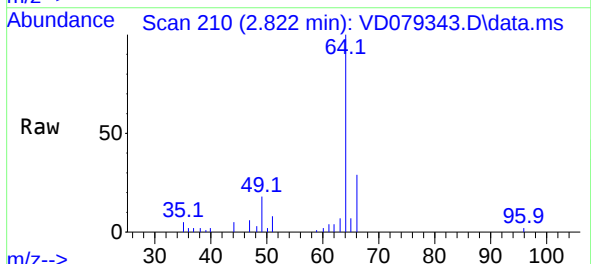
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC020

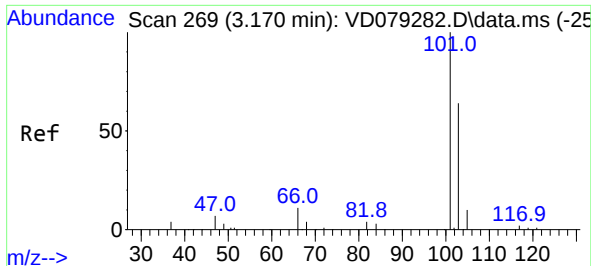
Tgt Ion: 94 Resp: 32567  
Ion Ratio Lower Upper  
94 100  
96 93.8 76.9 115.3



#6  
Chloroethane  
Concen: 21.834 ug/l  
RT: 2.822 min Scan# 210  
Delta R.T. 0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

Tgt Ion: 64 Resp: 27123  
Ion Ratio Lower Upper  
64 100  
66 28.6 24.5 36.7

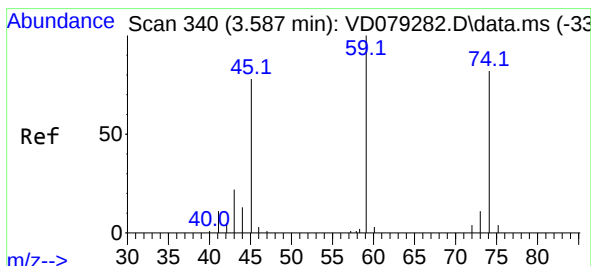
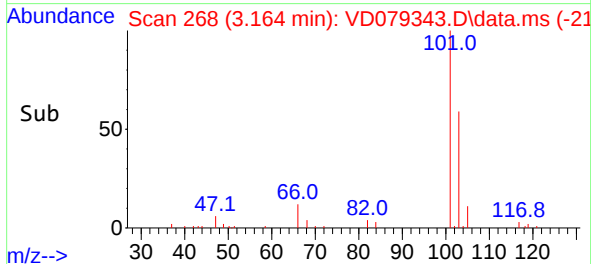
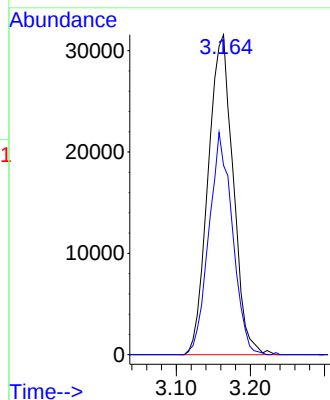
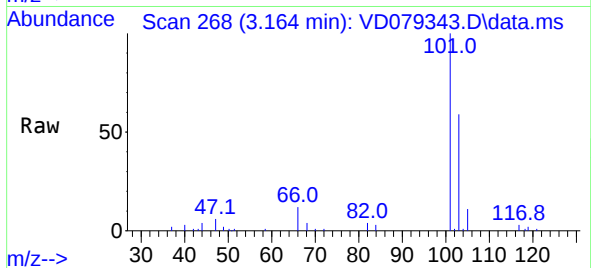




#7  
 Trichlorofluoromethane  
 Concen: 21.830 ug/l  
 RT: 3.164 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VD079343.D  
 Acq: 08 Jul 2024 15:21

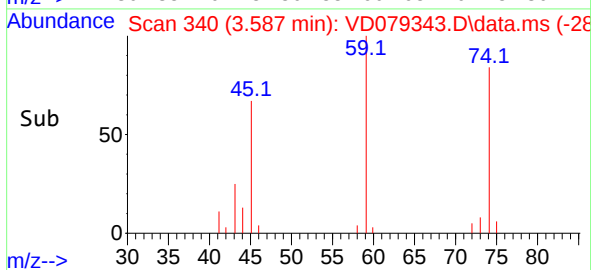
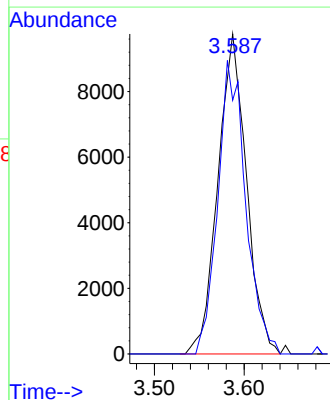
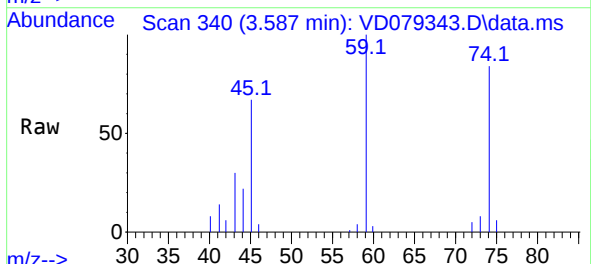
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

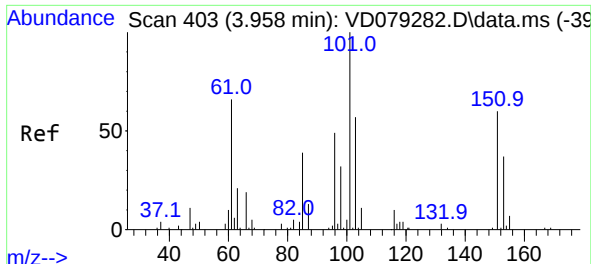
Tgt Ion:101 Resp: 73953  
 Ion Ratio Lower Upper  
 101 100  
 103 59.2 53.2 79.8



#8  
 Diethyl Ether  
 Concen: 19.909 ug/l  
 RT: 3.587 min Scan# 340  
 Delta R.T. 0.000 min  
 Lab File: VD079343.D  
 Acq: 08 Jul 2024 15:21

Tgt Ion: 74 Resp: 21546  
 Ion Ratio Lower Upper  
 74 100  
 45 89.6 37.9 113.6

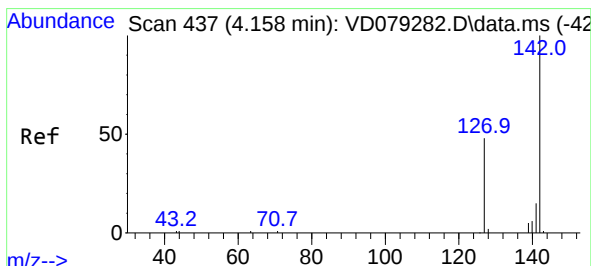
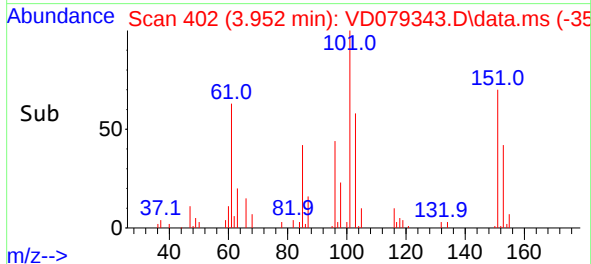
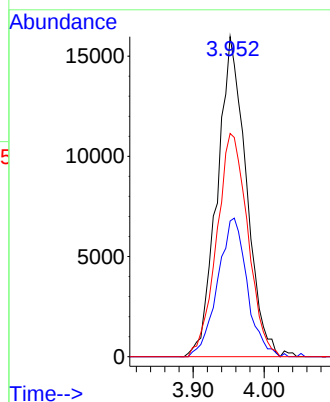
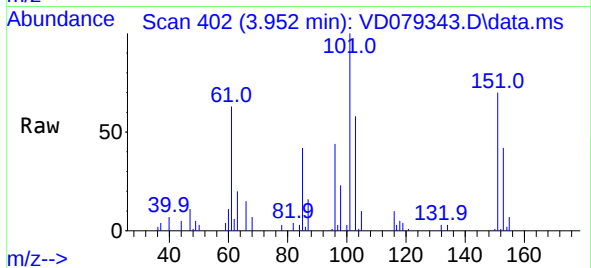




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 21.305 ug/l  
RT: 3.952 min Scan# 40  
Delta R.T. -0.006 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

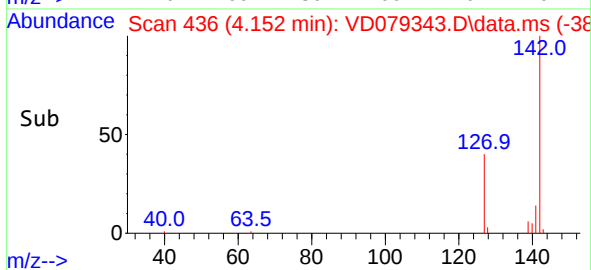
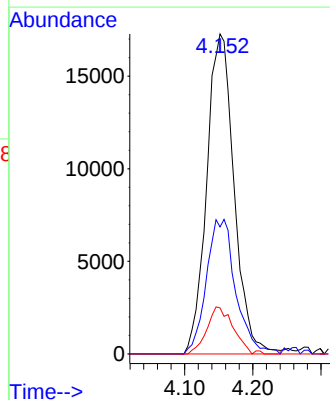
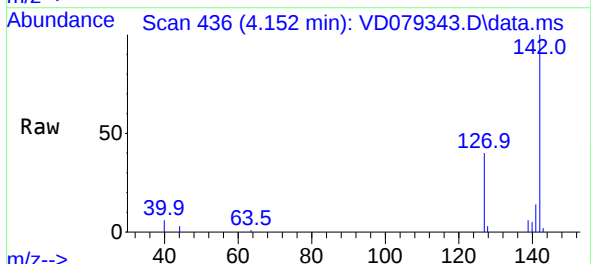
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC020

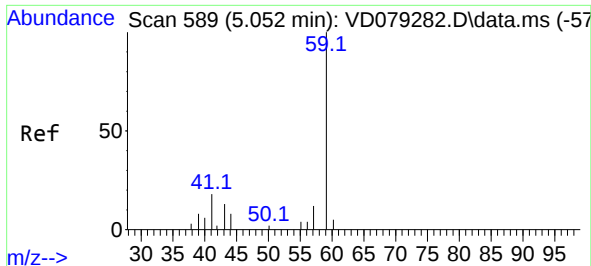
Tgt Ion:101 Resp: 45271  
Ion Ratio Lower Upper  
101 100  
85 44.1 33.5 50.3  
151 74.8 60.3 90.5



#10  
Methyl Iodide  
Concen: 20.622 ug/l  
RT: 4.152 min Scan# 436  
Delta R.T. -0.006 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

Tgt Ion:142 Resp: 48335  
Ion Ratio Lower Upper  
142 100  
127 45.0 34.2 51.4  
141 14.1 11.7 17.5

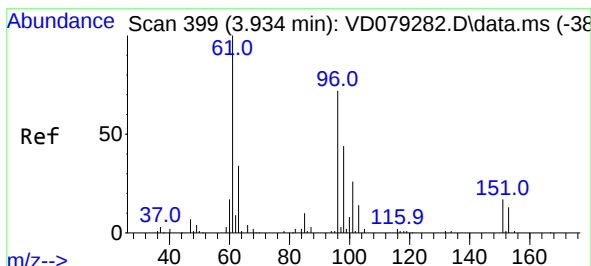
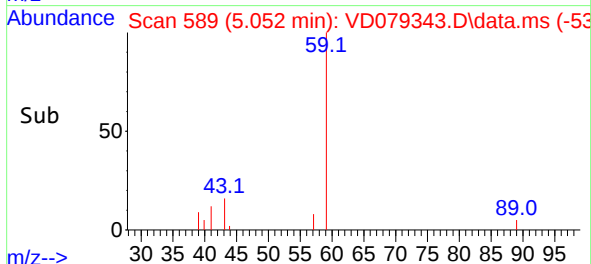
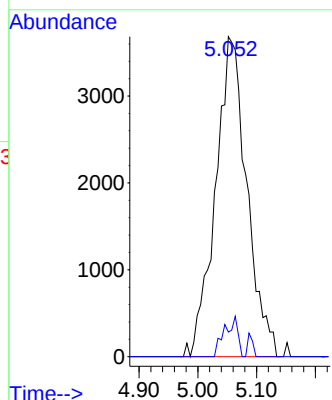
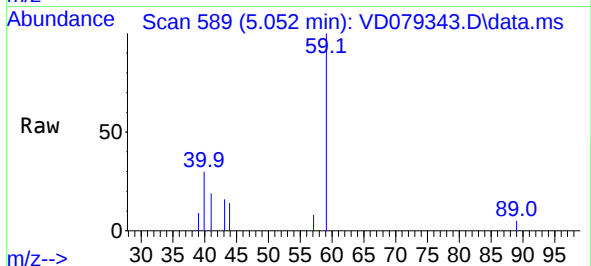




#11  
Tert butyl alcohol  
Concen: 99.807 ug/l  
RT: 5.052 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

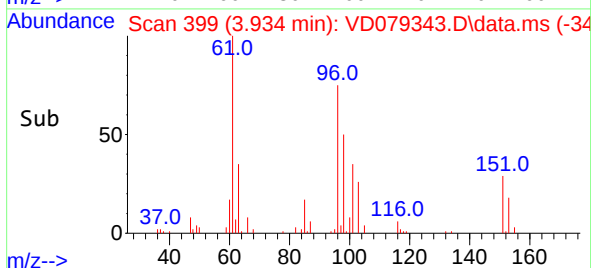
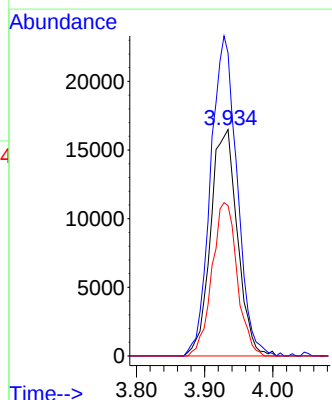
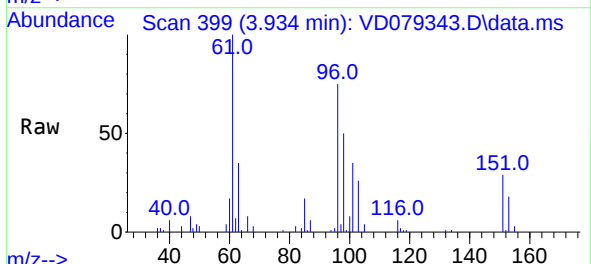
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

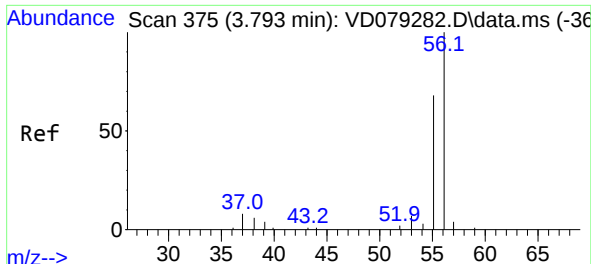
Tgt Ion: 59 Resp: 13643  
Ion Ratio Lower Upper  
59 100  
57 5.3 3.6 5.4



#12  
1,1-Dichloroethene  
Concen: 21.386 ug/l  
RT: 3.934 min Scan# 399  
Delta R.T. 0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

Tgt Ion: 96 Resp: 45130  
Ion Ratio Lower Upper  
96 100  
61 133.8 107.3 160.9  
98 66.4 51.7 77.5

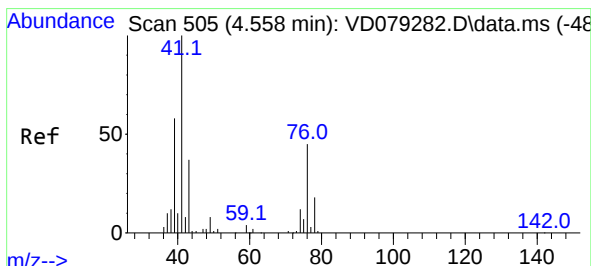
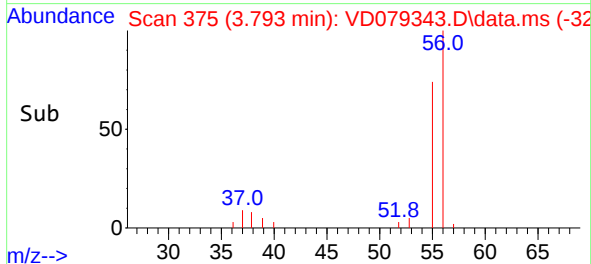
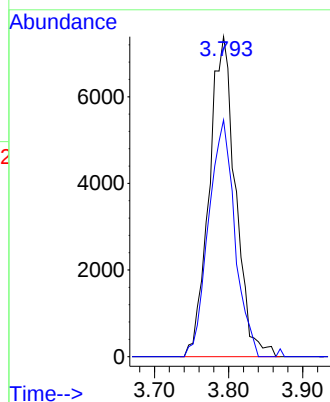
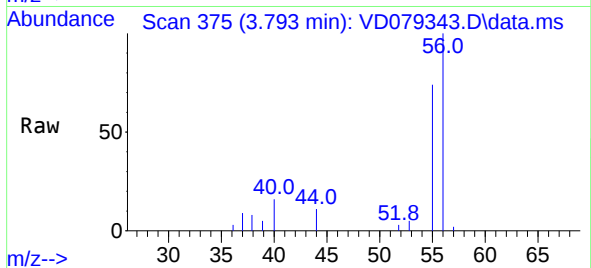




#13  
Acrolein  
Concen: 107.832 ug/l  
RT: 3.793 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

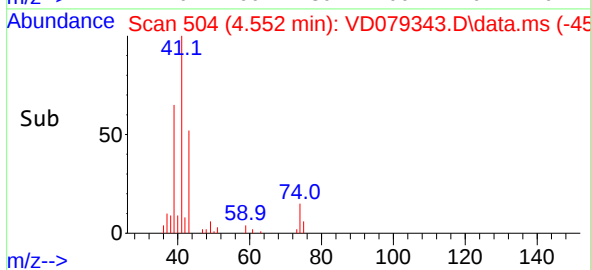
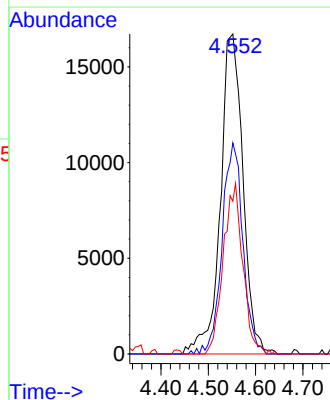
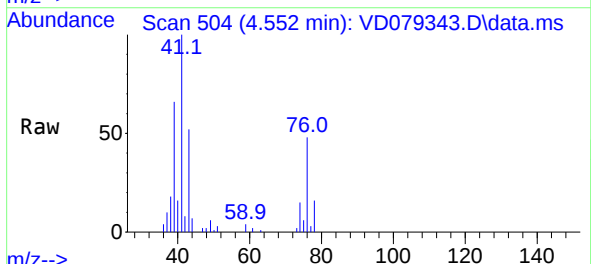
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC020

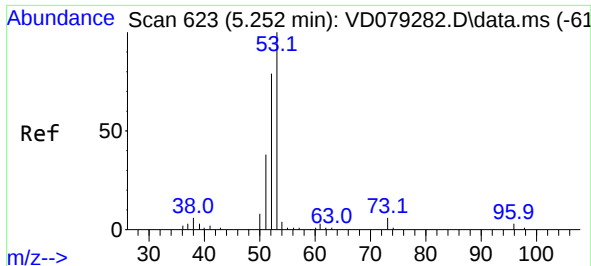
Tgt Ion: 56 Resp: 18274  
Ion Ratio Lower Upper  
56 100  
55 73.5 55.3 82.9



#14  
Allyl chloride  
Concen: 20.578 ug/l  
RT: 4.552 min Scan# 504  
Delta R.T. -0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

Tgt Ion: 41 Resp: 55337  
Ion Ratio Lower Upper  
41 100  
39 60.6 58.0 87.0  
76 45.9 45.9 68.9

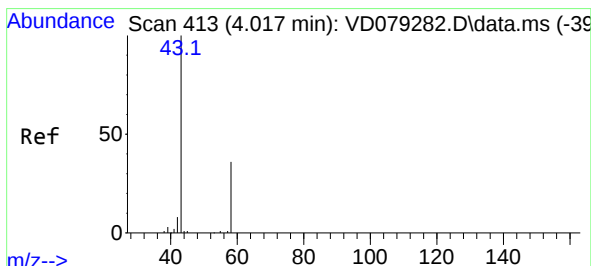
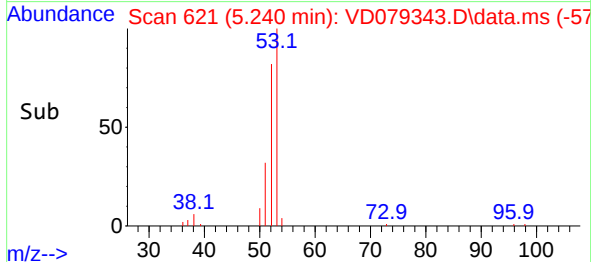
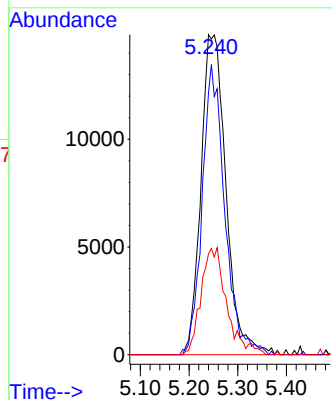
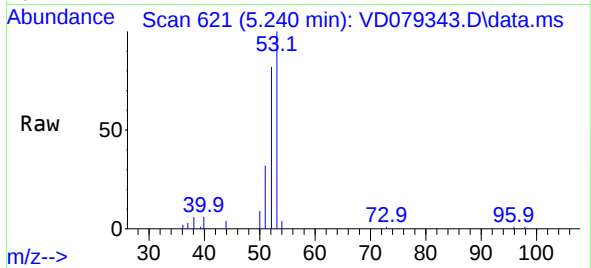




#15  
Acrylonitrile  
Concen: 106.338 ug/l  
RT: 5.240 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

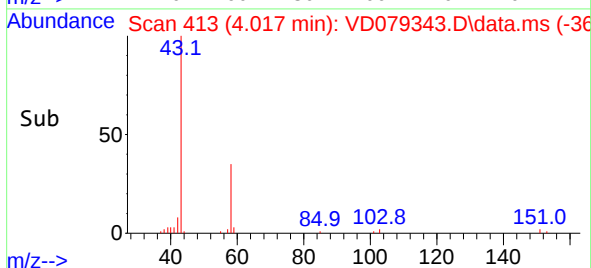
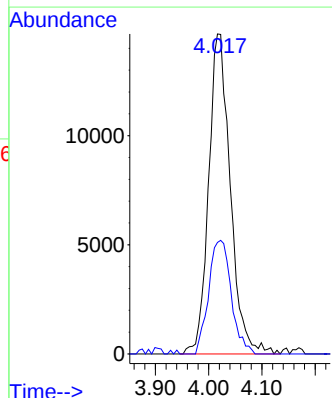
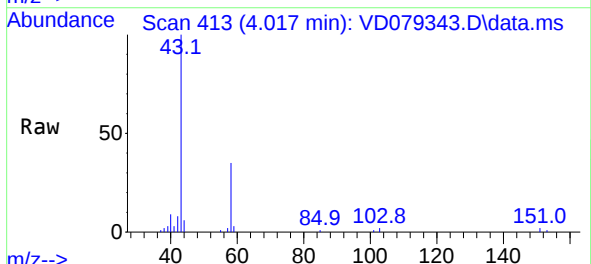
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC020

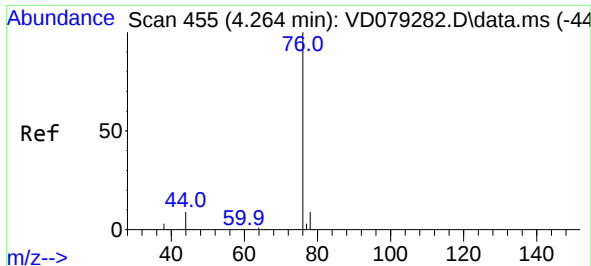
Tgt Ion: 53 Resp: 53009  
Ion Ratio Lower Upper  
53 100  
52 81.6 67.7 101.5  
51 32.9 28.6 42.8



#16  
Acetone  
Concen: 101.809 ug/l  
RT: 4.017 min Scan# 413  
Delta R.T. -0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

Tgt Ion: 43 Resp: 41464  
Ion Ratio Lower Upper  
43 100  
58 34.8 30.4 45.6

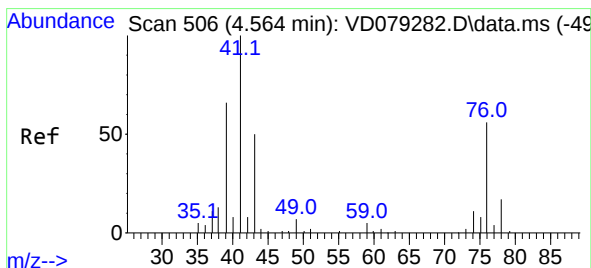
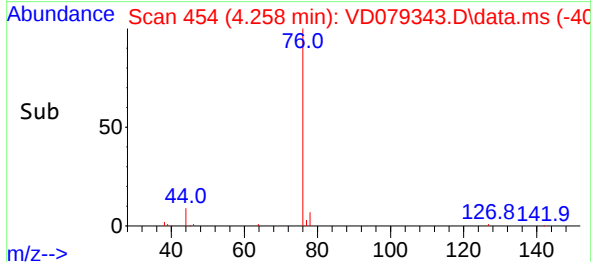
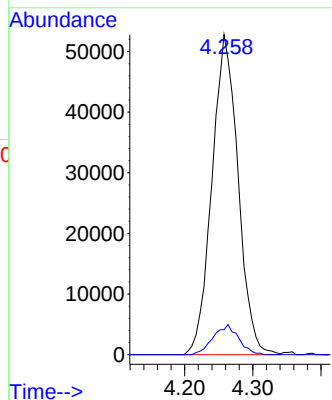
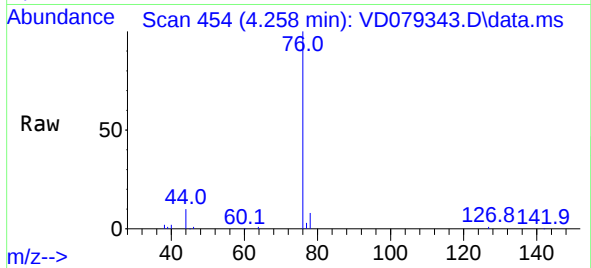




#17  
Carbon Disulfide  
Concen: 21.138 ug/l  
RT: 4.258 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

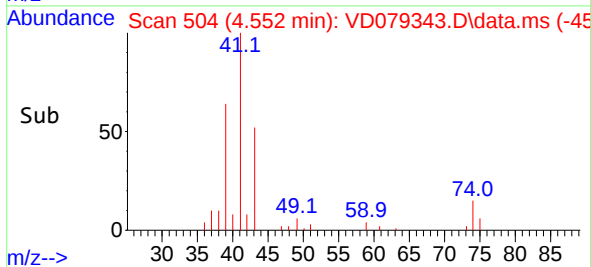
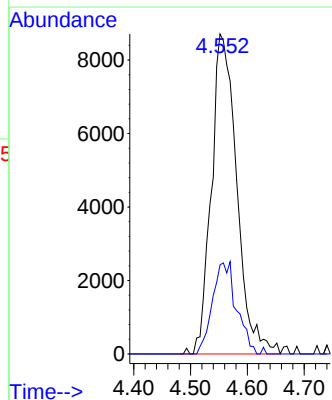
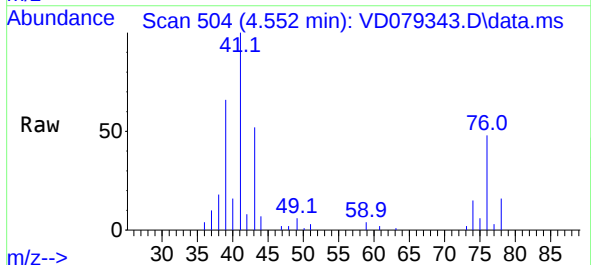
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC020

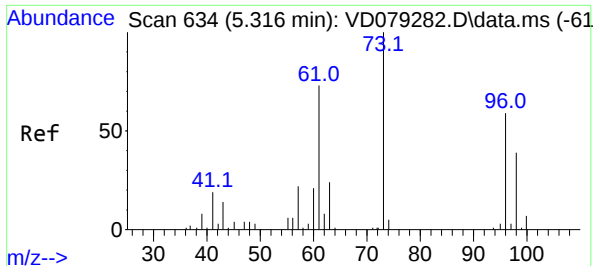
Tgt Ion: 76 Resp: 140927  
Ion Ratio Lower Upper  
76 100  
78 7.8 6.9 10.3



#18  
Methyl Acetate  
Concen: 21.180 ug/l  
RT: 4.552 min Scan# 504  
Delta R.T. -0.006 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

Tgt Ion: 43 Resp: 26991  
Ion Ratio Lower Upper  
43 100  
74 27.3 28.1 42.1#

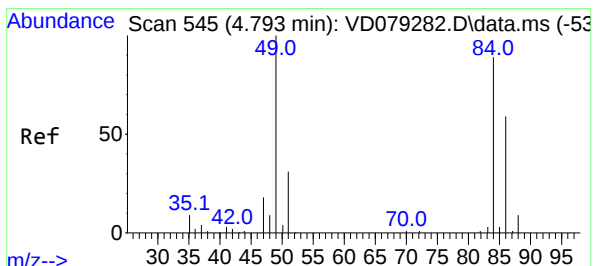
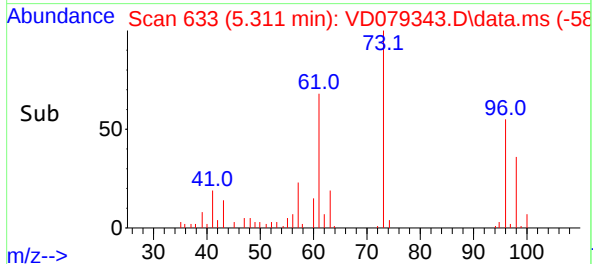
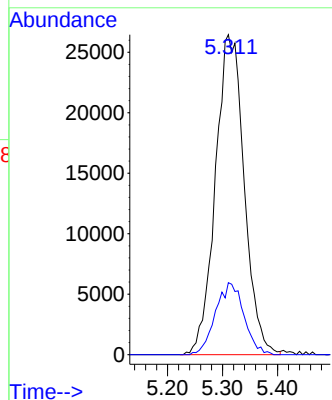
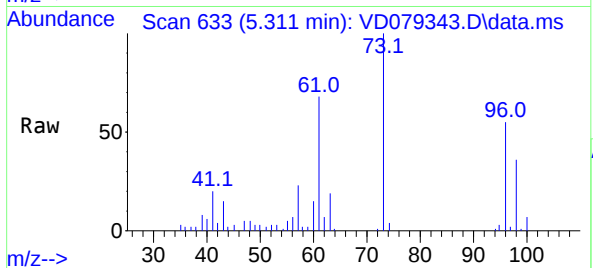




#19  
Methyl tert-butyl Ether  
Concen: 20.511 ug/l  
RT: 5.311 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

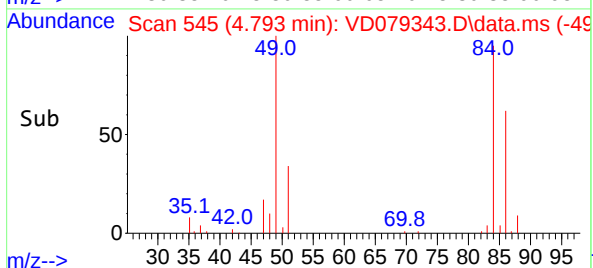
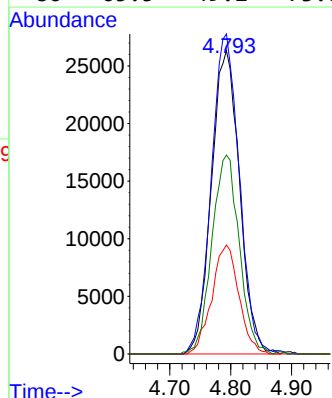
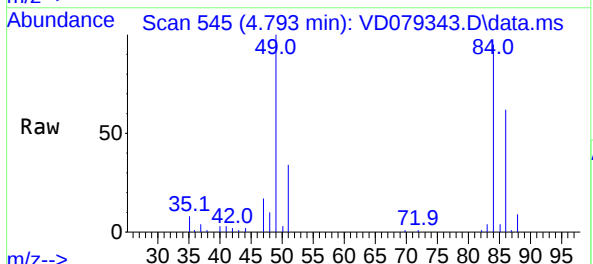
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC020

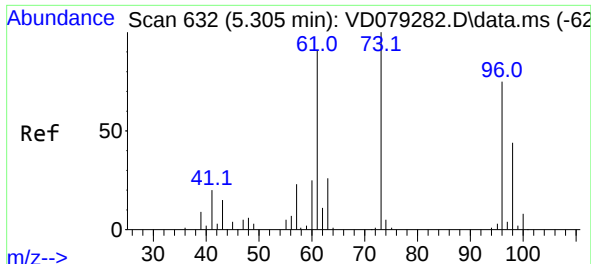
Tgt Ion: 73 Resp: 96194  
Ion Ratio Lower Upper  
73 100  
57 22.5 18.3 27.5



#20  
Methylene Chloride  
Concen: 21.338 ug/l  
RT: 4.793 min Scan# 545  
Delta R.T. -0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

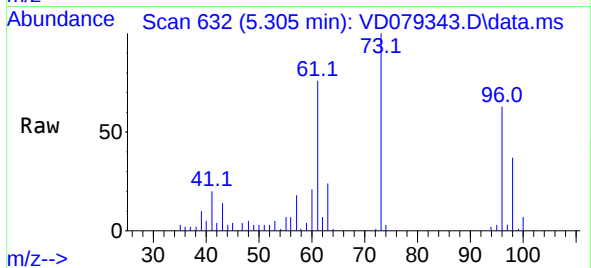
Tgt Ion: 84 Resp: 84509  
Ion Ratio Lower Upper  
84 100  
49 105.5 75.6 113.4  
51 35.9 24.2 36.2  
86 65.5 49.2 73.8





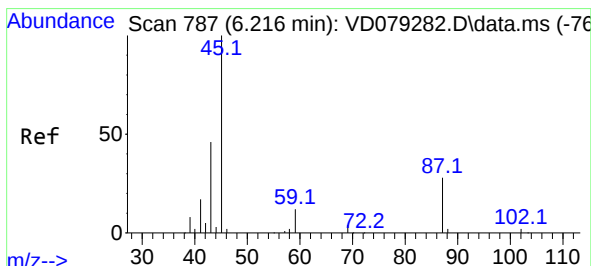
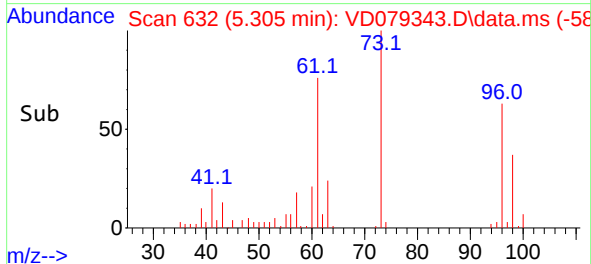
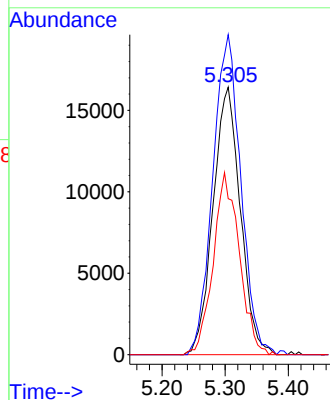
#21  
trans-1,2-Dichloroethene  
Concen: 21.081 ug/l  
RT: 5.305 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC020



Tgt Ion: 96 Resp: 49418

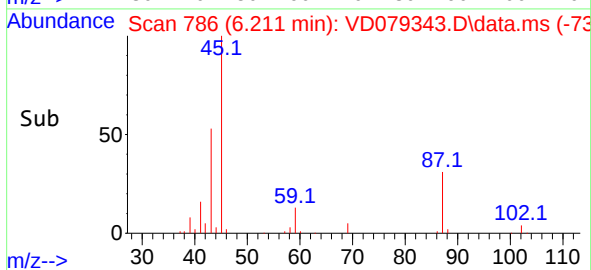
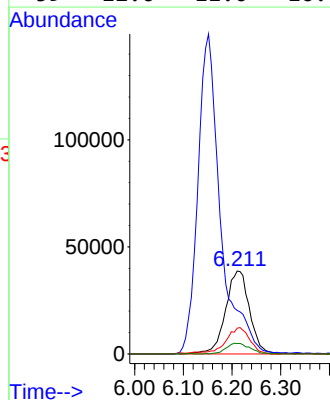
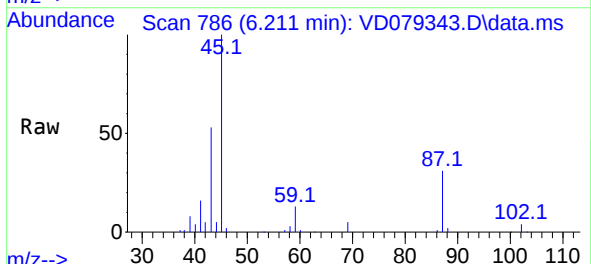
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 119.6 | 84.5  | 126.7 |
| 98  | 58.3  | 50.5  | 75.7  |

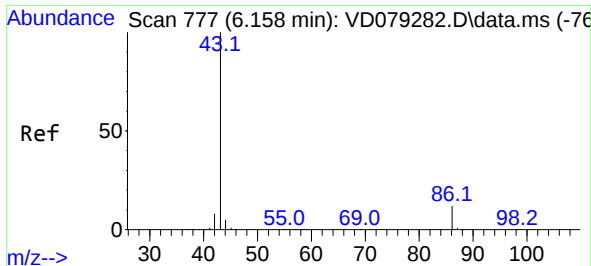


#22  
Diisopropyl ether  
Concen: 21.911 ug/l  
RT: 6.211 min Scan# 786  
Delta R.T. -0.006 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

Tgt Ion: 45 Resp: 131942

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 51.1  | 41.7  | 62.5  |
| 87  | 31.2  | 30.2  | 45.2  |
| 59  | 12.6  | 11.0  | 16.6  |

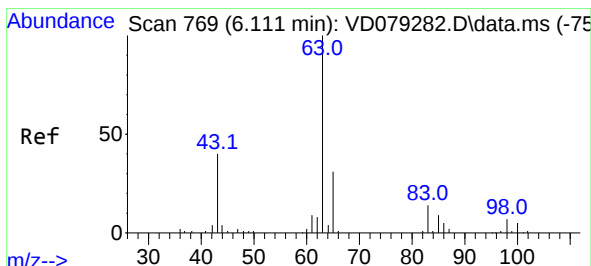
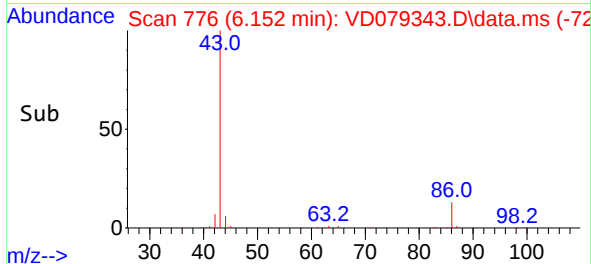
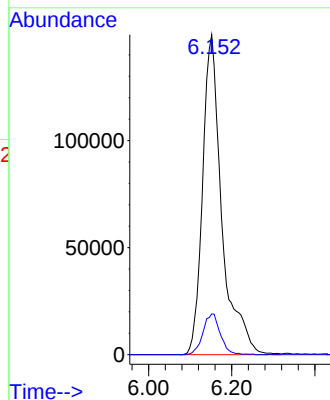
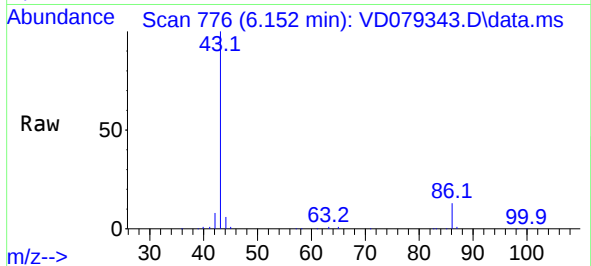




#23  
 Vinyl Acetate  
 Concen: 104.462 ug/l  
 RT: 6.152 min Scan# 776  
 Delta R.T. 0.000 min  
 Lab File: VD079343.D  
 Acq: 08 Jul 2024 15:21

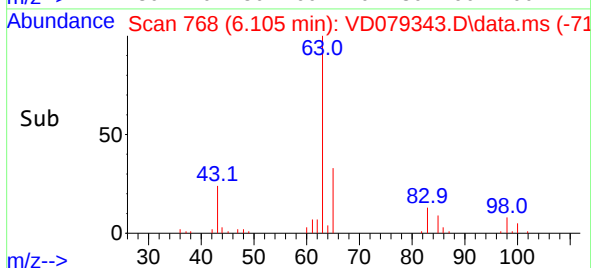
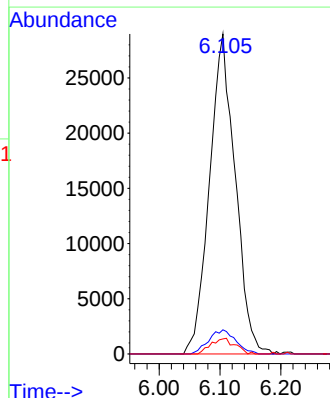
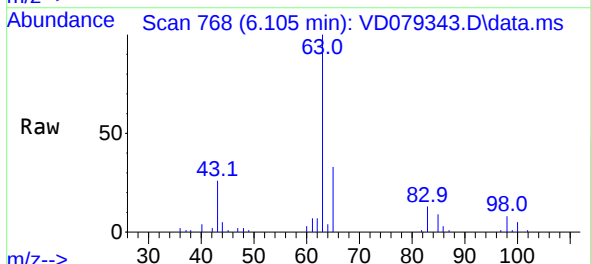
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

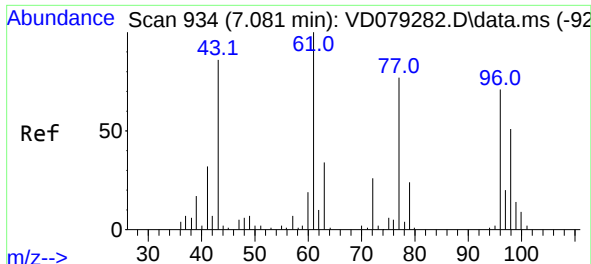
Tgt Ion: 43 Resp: 481405  
 Ion Ratio Lower Upper  
 43 100  
 86 12.7 12.3 18.5



#24  
 1,1-Dichloroethane  
 Concen: 20.982 ug/l  
 RT: 6.105 min Scan# 768  
 Delta R.T. -0.000 min  
 Lab File: VD079343.D  
 Acq: 08 Jul 2024 15:21

Tgt Ion: 63 Resp: 85192  
 Ion Ratio Lower Upper  
 63 100  
 98 7.5 4.7 14.0  
 100 4.7 2.9 8.6

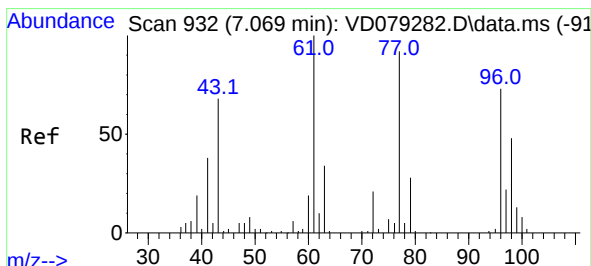
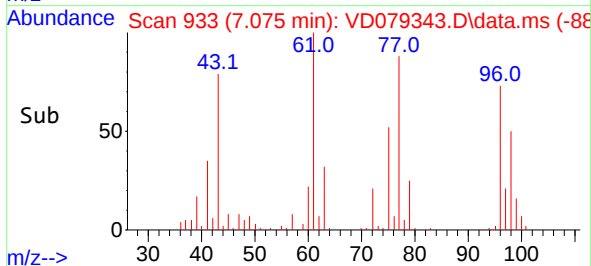
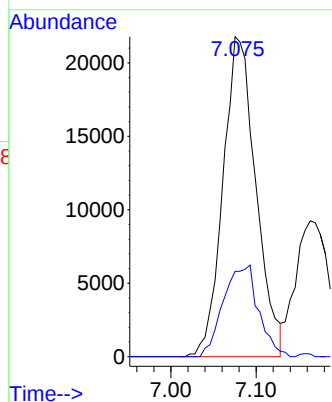
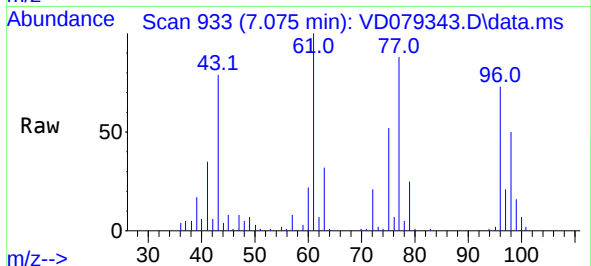




#25  
2-Butanone  
Concen: 101.223 ug/l  
RT: 7.075 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

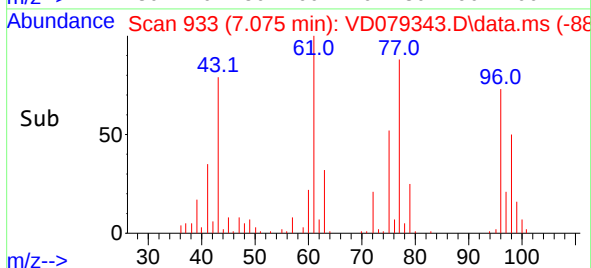
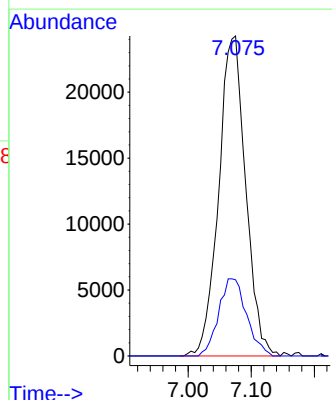
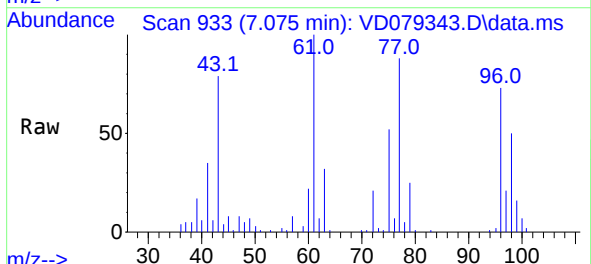
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

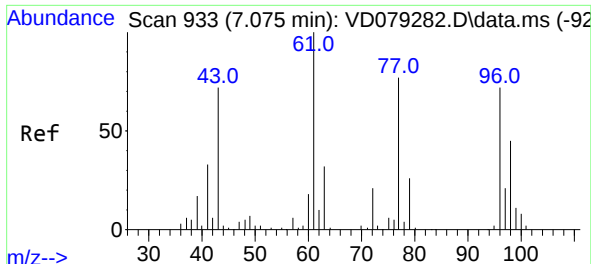
Tgt Ion: 43 Resp: 58558  
Ion Ratio Lower Upper  
43 100  
72 26.7 26.4 39.6



#26  
2,2-Dichloropropane  
Concen: 21.149 ug/l  
RT: 7.075 min Scan# 933  
Delta R.T. 0.006 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

Tgt Ion: 77 Resp: 71919  
Ion Ratio Lower Upper  
77 100  
97 25.0 12.4 37.2

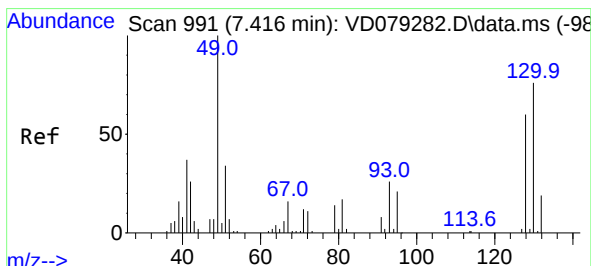
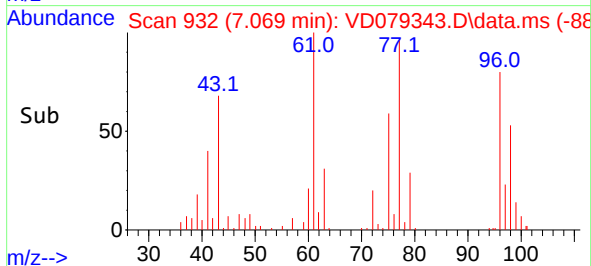
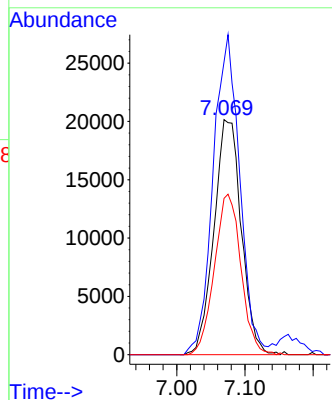
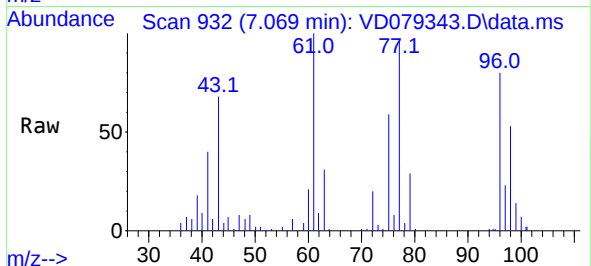




#27  
cis-1,2-Dichloroethene  
Concen: 20.582 ug/l  
RT: 7.069 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

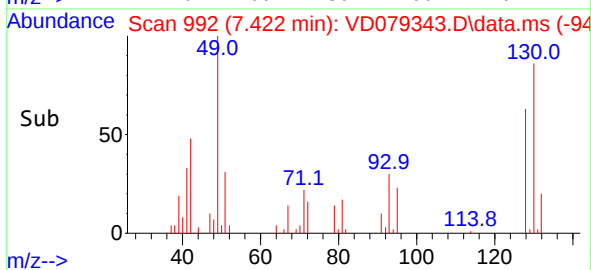
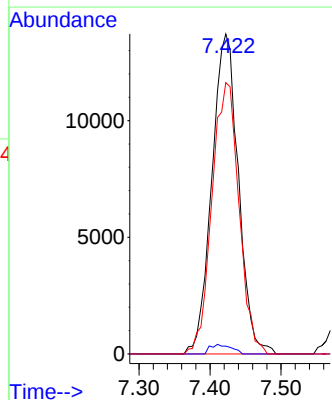
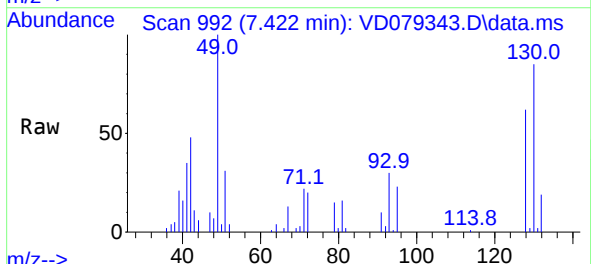
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

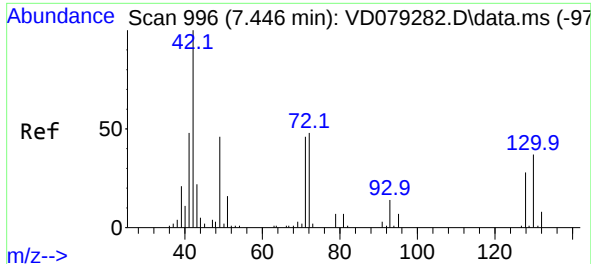
Tgt Ion: 96 Resp: 56327  
Ion Ratio Lower Upper  
96 100  
61 132.4 0.0 229.0  
98 66.4 0.0 127.2



#28  
Bromochloromethane  
Concen: 20.782 ug/l  
RT: 7.422 min Scan# 992  
Delta R.T. -0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

Tgt Ion: 49 Resp: 35567  
Ion Ratio Lower Upper  
49 100  
129 2.4 0.0 7.0  
130 86.2 87.7 131.5#





#29

Tetrahydrofuran

Concen: 105.705 ug/l

RT: 7.440 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD079343.D

Acq: 08 Jul 2024 15:21

Instrument :

MSVOA\_D

ClientSampleId :

VSTDICC020

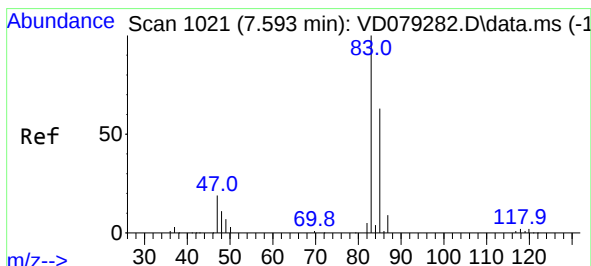
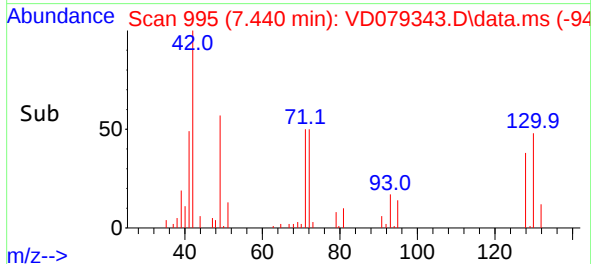
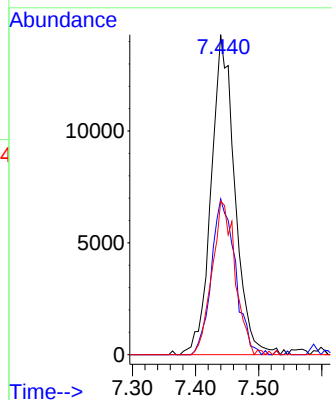
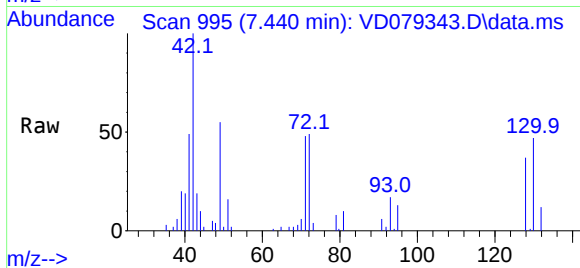
Tgt Ion: 42 Resp: 37272

Ion Ratio Lower Upper

42 100

72 49.0 49.4 74.0#

71 47.1 45.0 67.6



#30

Chloroform

Concen: 21.242 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD079343.D

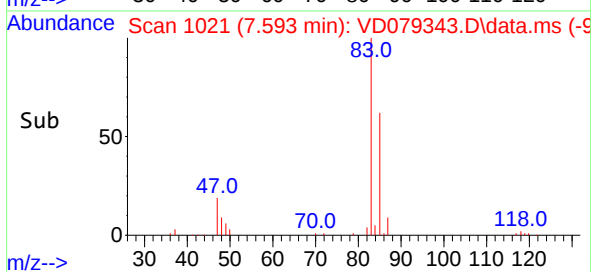
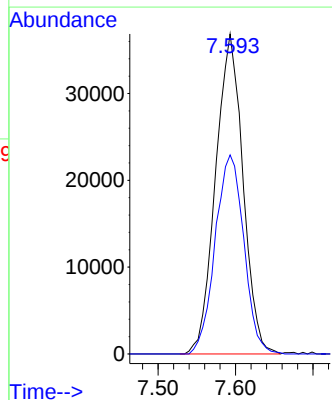
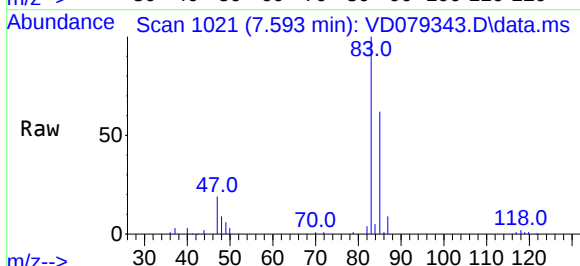
Acq: 08 Jul 2024 15:21

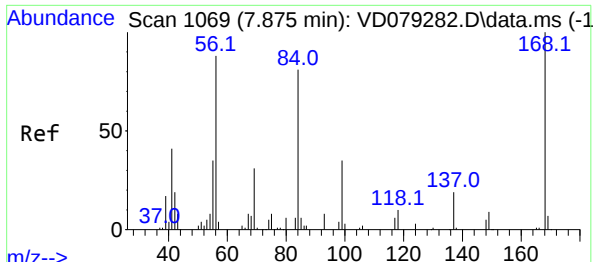
Tgt Ion: 83 Resp: 90541

Ion Ratio Lower Upper

83 100

85 62.2 51.8 77.6

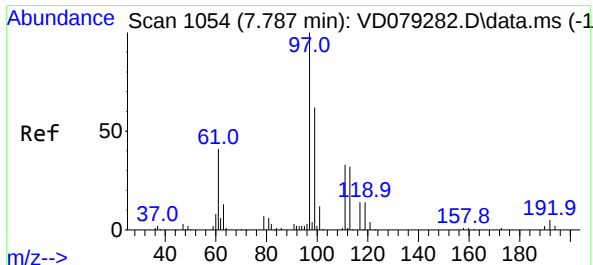
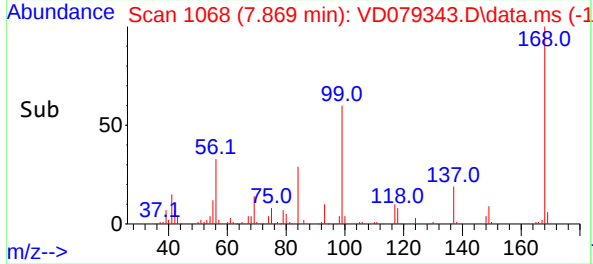
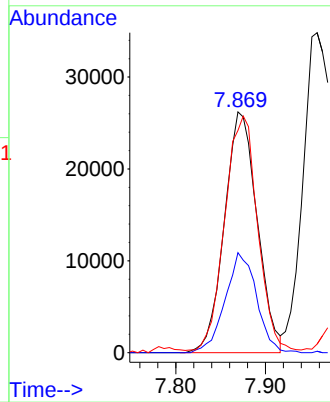
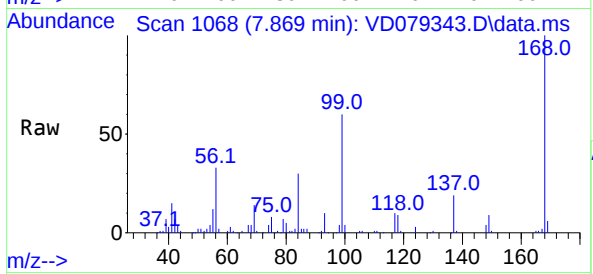




#31  
Cyclohexane  
Concen: 20.541 ug/l  
RT: 7.869 min Scan# 1069  
Delta R.T. -0.006 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

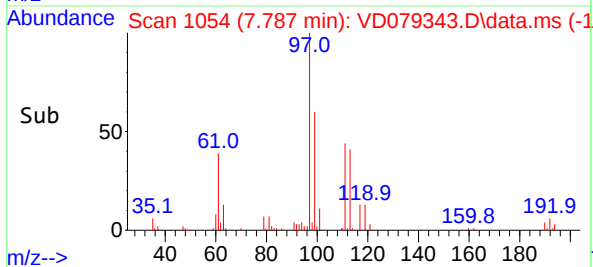
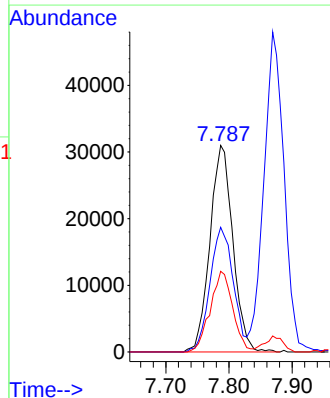
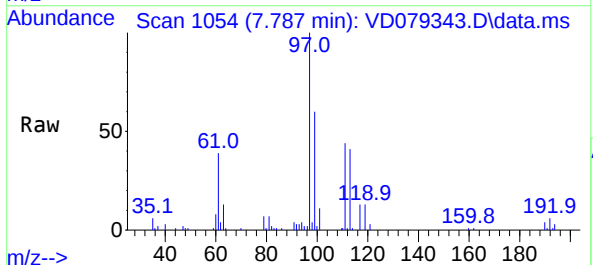
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC020

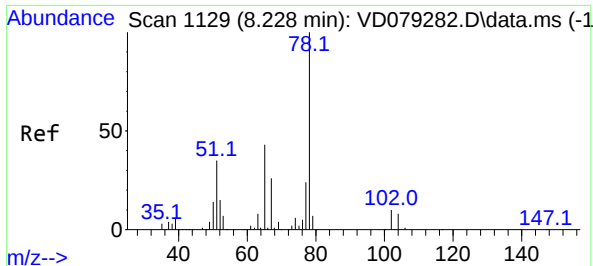
Tgt Ion: 56 Resp: 66519  
Ion Ratio Lower Upper  
56 100  
69 41.6 28.0 42.0  
84 91.1 87.4 131.0



#32  
1,1,1-Trichloroethane  
Concen: 21.926 ug/l  
RT: 7.787 min Scan# 1054  
Delta R.T. -0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

Tgt Ion: 97 Resp: 78126  
Ion Ratio Lower Upper  
97 100  
99 61.5 51.3 76.9  
61 38.6 31.4 47.2

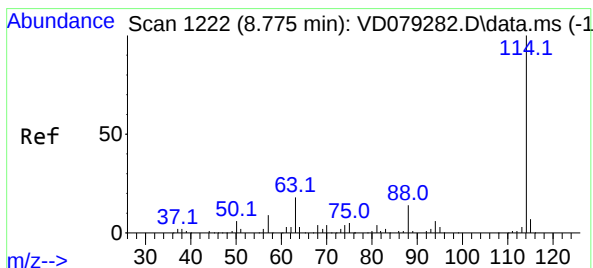
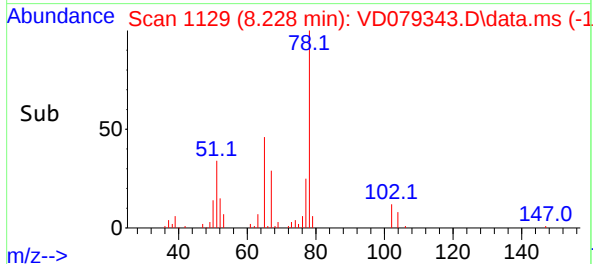
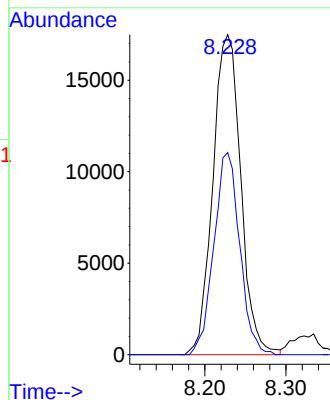
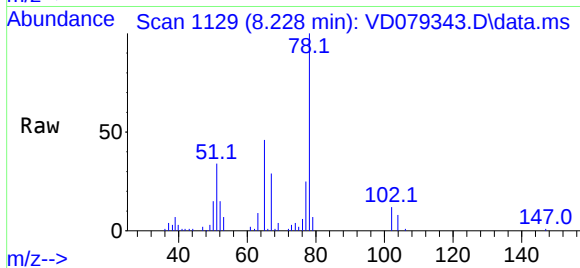




#33  
1,2-Dichloroethane-d4  
Concen: 19.529 ug/l  
RT: 8.228 min Scan# 1129  
Delta R.T. 0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

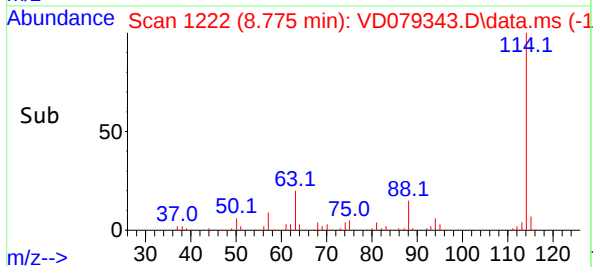
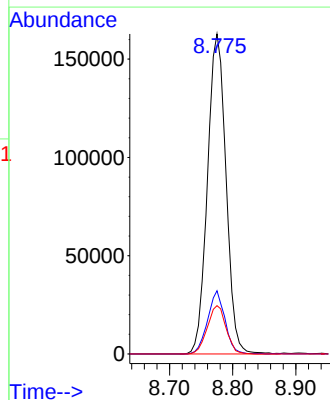
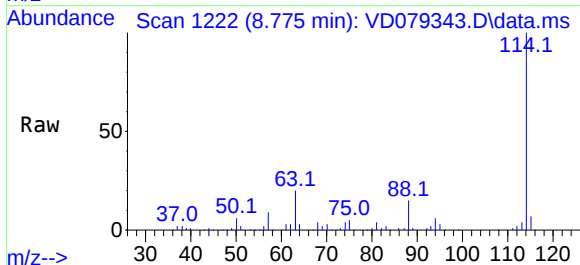
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC020

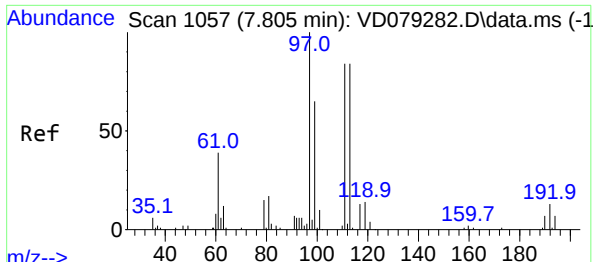
Tgt Ion: 65 Resp: 41819  
Ion Ratio Lower Upper  
65 100  
67 58.5 0.0 111.0



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.775 min Scan# 1222  
Delta R.T. -0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

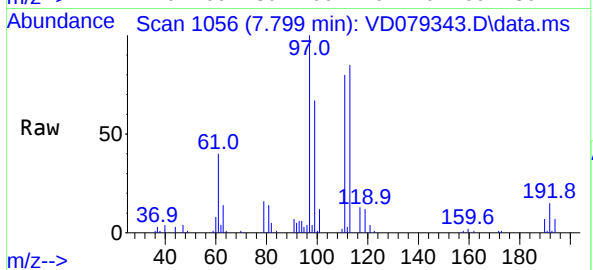
Tgt Ion:114 Resp: 332534  
Ion Ratio Lower Upper  
114 100  
63 19.8 0.0 34.0  
88 15.1 0.0 27.2



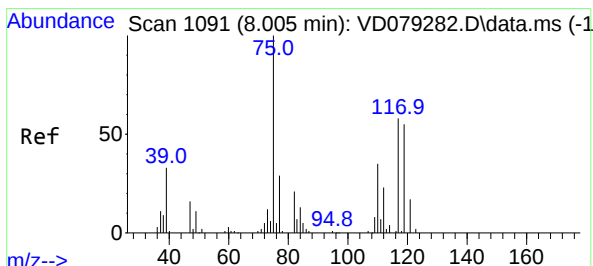
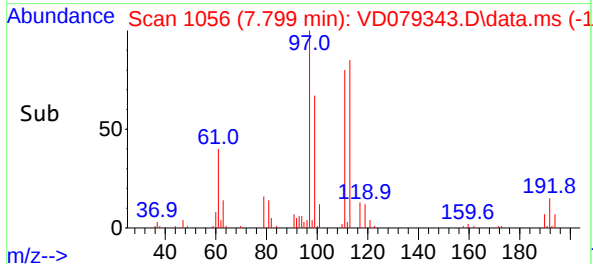
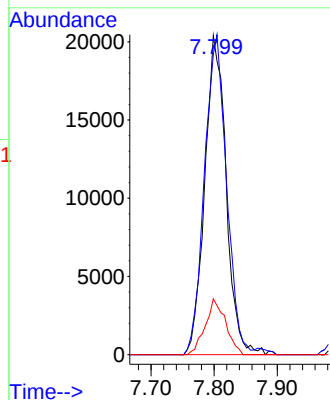


#35  
Dibromofluoromethane  
Concen: 20.485 ug/l  
RT: 7.799 min Scan# 1056  
Delta R.T. -0.006 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC020

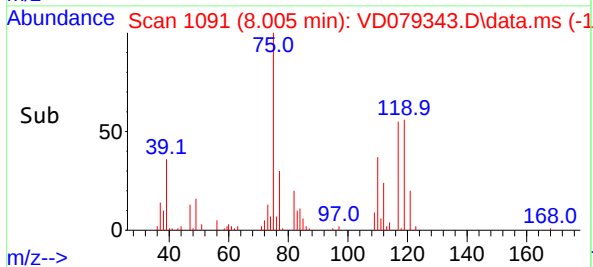
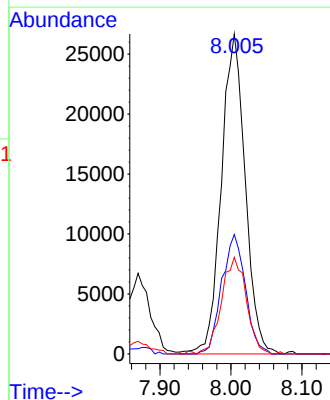
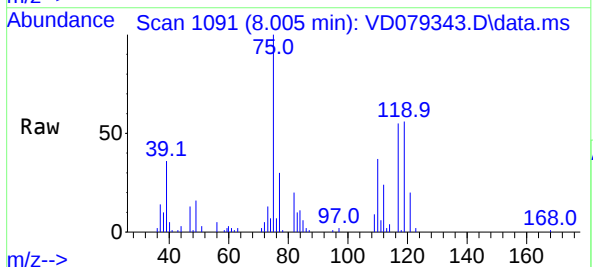


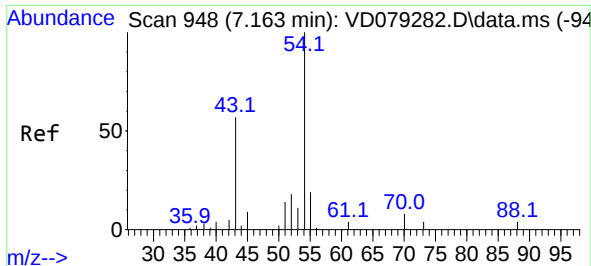
Tgt Ion:113 Resp: 48057  
Ion Ratio Lower Upper  
113 100  
111 103.3 84.0 126.0  
192 16.6 15.4 23.0



#36  
1,1-Dichloropropene  
Concen: 20.869 ug/l  
RT: 8.005 min Scan# 1091  
Delta R.T. -0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

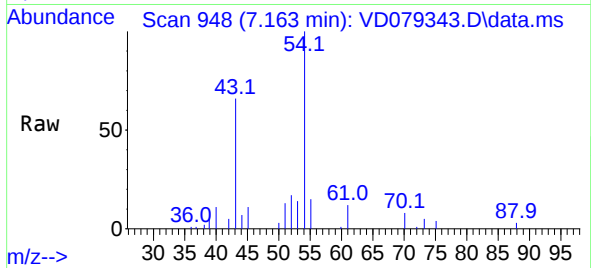
Tgt Ion: 75 Resp: 62194  
Ion Ratio Lower Upper  
75 100  
110 37.0 19.6 58.7  
77 31.3 26.1 39.1



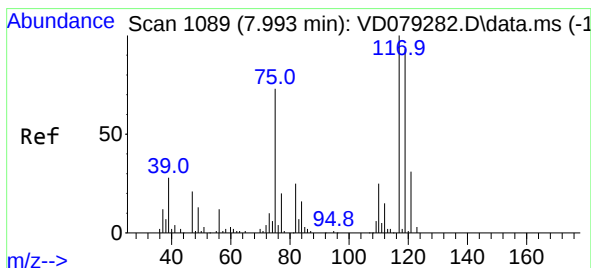
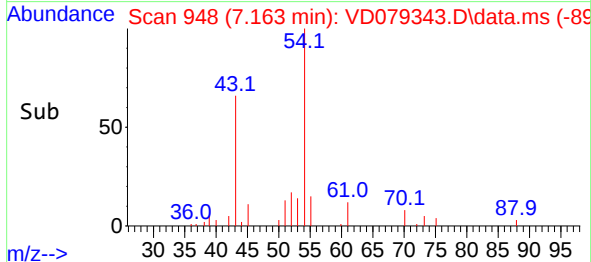
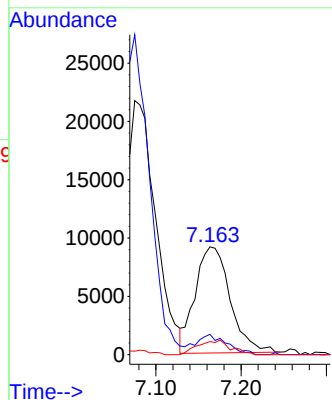


#37  
Ethyl Acetate  
Concen: 20.088 ug/l  
RT: 7.163 min Scan# 948  
Delta R.T. -0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC020

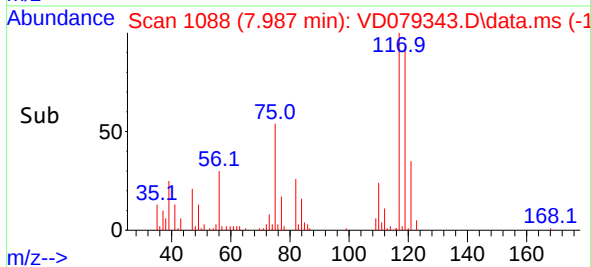
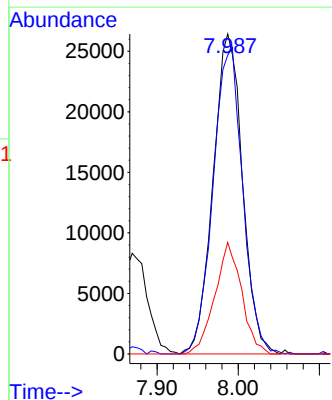
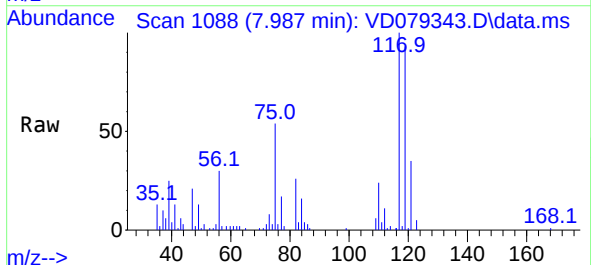


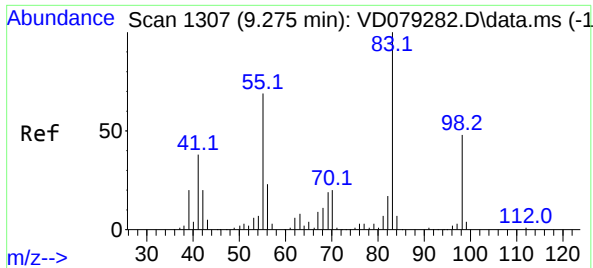
Tgt Ion: 43 Resp: 25926  
Ion Ratio Lower Upper  
43 100  
61 16.8 13.9 20.9  
70 12.7 9.8 14.6



#38  
Carbon Tetrachloride  
Concen: 21.185 ug/l  
RT: 7.987 min Scan# 1088  
Delta R.T. 0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

Tgt Ion: 117 Resp: 66458  
Ion Ratio Lower Upper  
117 100  
119 93.3 75.4 113.0  
121 34.8 25.0 37.4



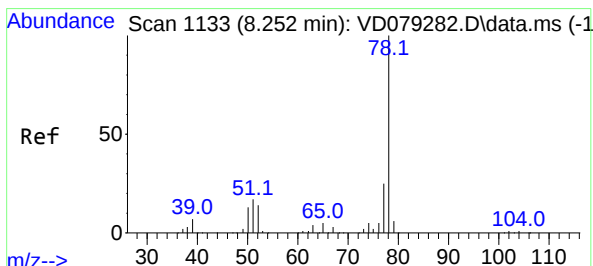
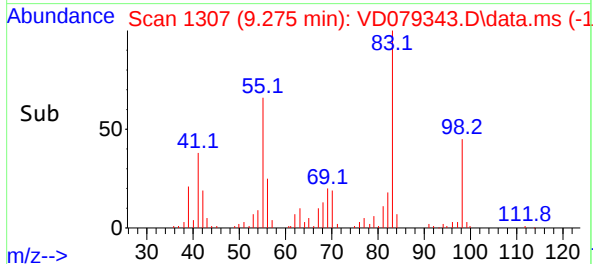
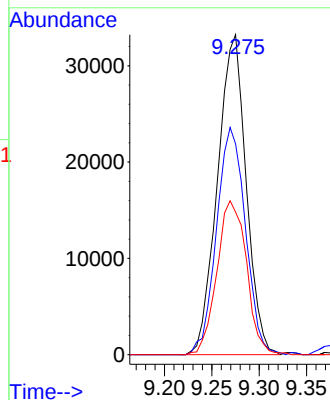
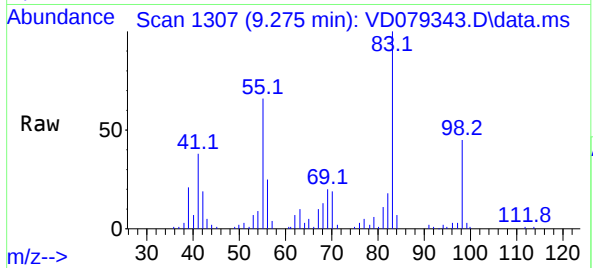


#39  
Methylcyclohexane  
Concen: 20.140 ug/l  
RT: 9.275 min Scan# 11307  
Delta R.T. 0.006 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC020

Tgt Ion: 83 Resp: 69987

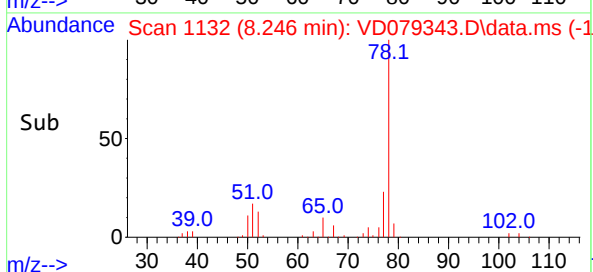
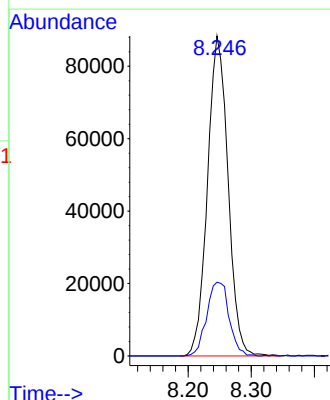
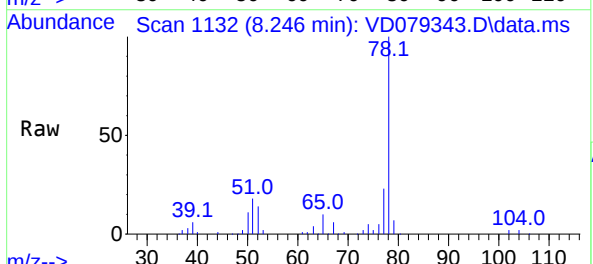
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 65.9  | 50.1  | 75.1  |
| 98  | 44.6  | 41.9  | 62.9  |

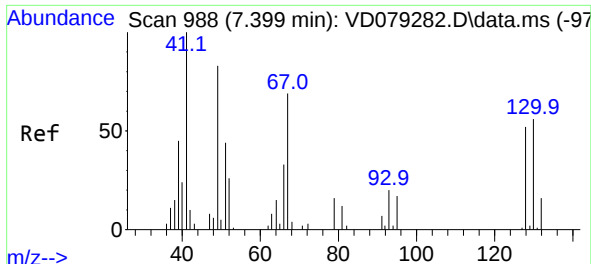


#40  
Benzene  
Concen: 20.912 ug/l  
RT: 8.246 min Scan# 1132  
Delta R.T. -0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

Tgt Ion: 78 Resp: 199521

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 23.1  | 18.1  | 27.1  |



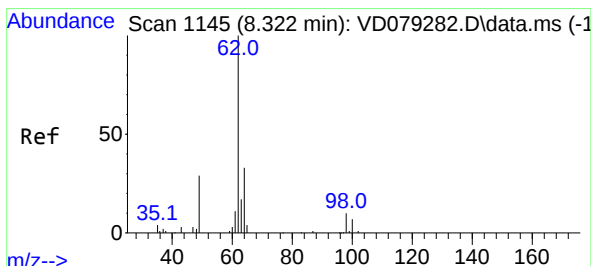
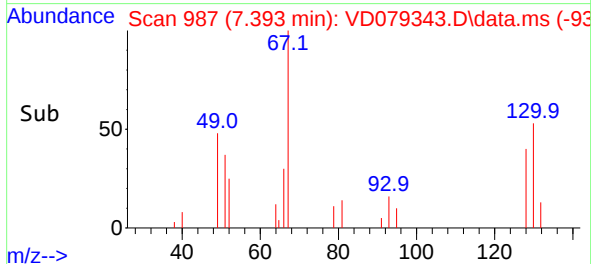
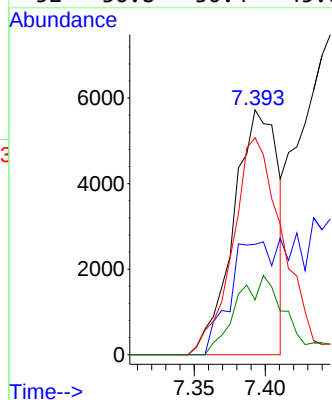
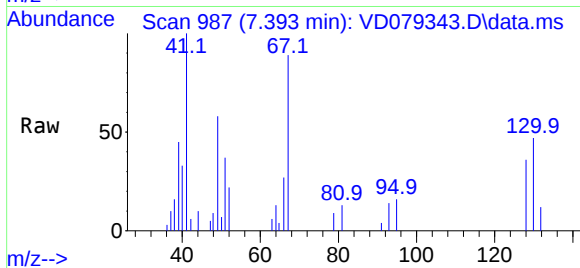


#41  
Methacrylonitrile  
Concen: 18.612 ug/l  
RT: 7.393 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC020

Tgt Ion: 41 Resp: 12426

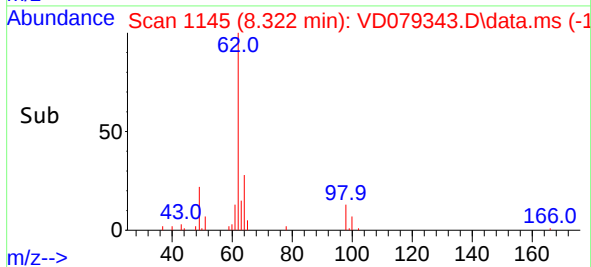
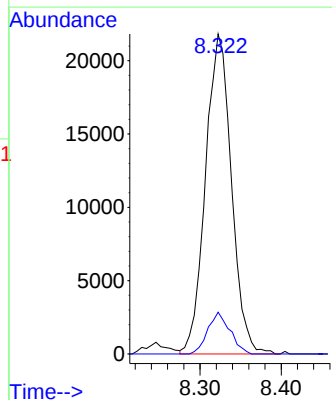
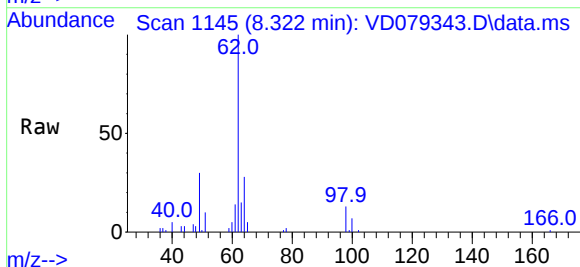
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 43.3  | 41.4  | 62.0  |
| 67  | 101.7 | 85.8  | 128.6 |
| 52  | 36.8  | 30.4  | 45.6  |

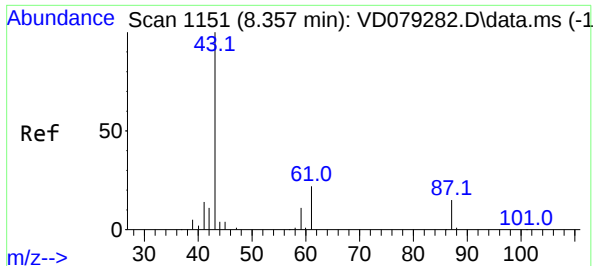


#42  
1,2-Dichloroethane  
Concen: 21.004 ug/l  
RT: 8.322 min Scan# 1145  
Delta R.T. 0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

Tgt Ion: 62 Resp: 48447

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 11.2  | 0.0   | 25.8  |

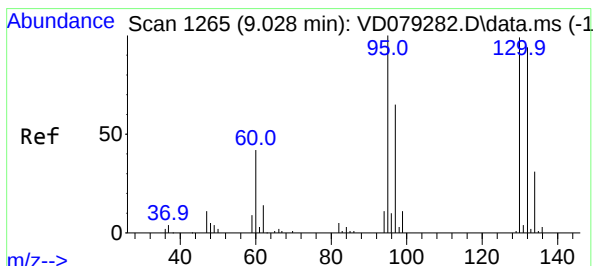
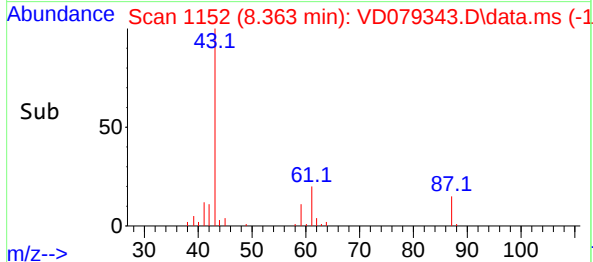
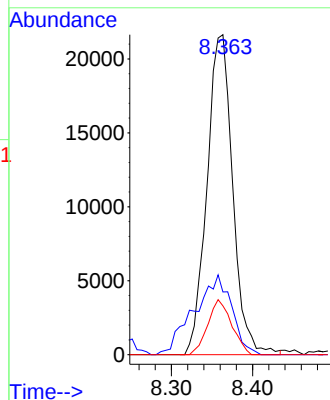
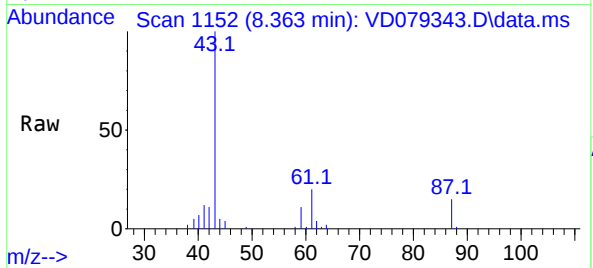




#43  
Isopropyl Acetate  
Concen: 20.252 ug/l  
RT: 8.363 min Scan# 1152  
Delta R.T. 0.006 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

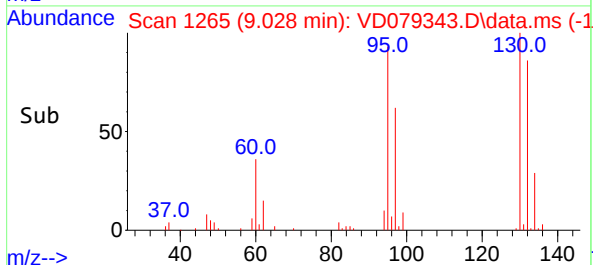
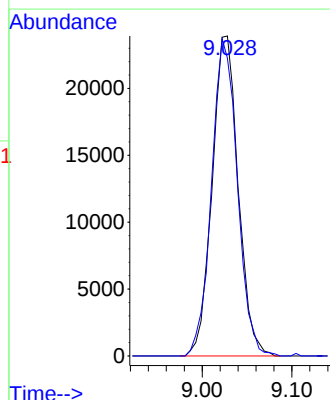
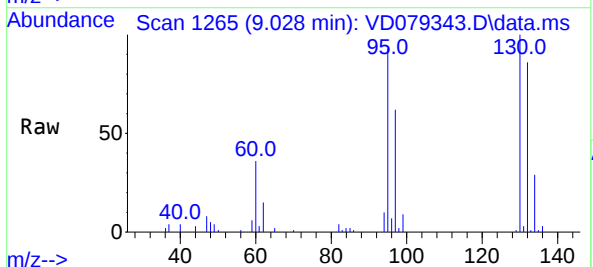
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

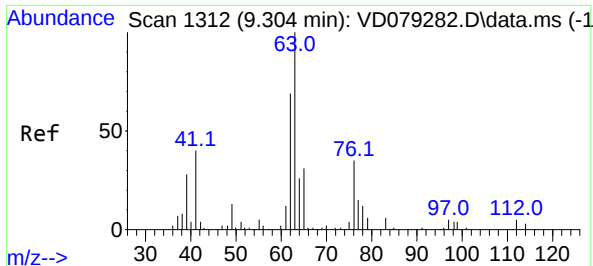
Tgt Ion: 43 Resp: 47763  
Ion Ratio Lower Upper  
43 100  
61 36.4 29.3 43.9  
87 16.0 14.9 22.3



#44  
Trichloroethene  
Concen: 21.171 ug/l  
RT: 9.028 min Scan# 1265  
Delta R.T. -0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

Tgt Ion:130 Resp: 48152  
Ion Ratio Lower Upper  
130 100  
95 93.1 0.0 177.8

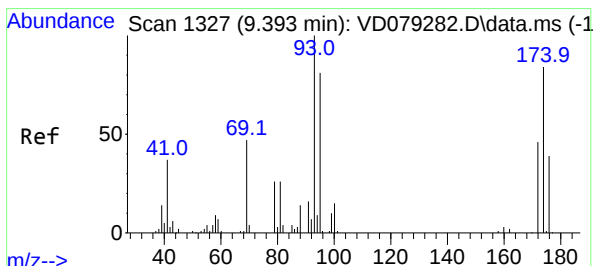
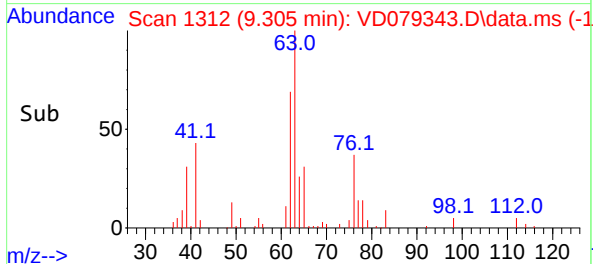
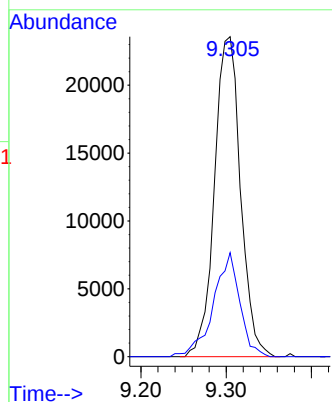
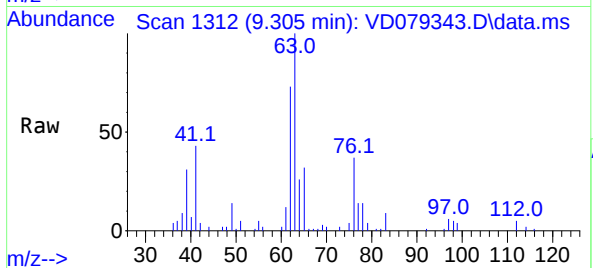




#45  
1,2-Dichloropropane  
Concen: 21.481 ug/l  
RT: 9.305 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

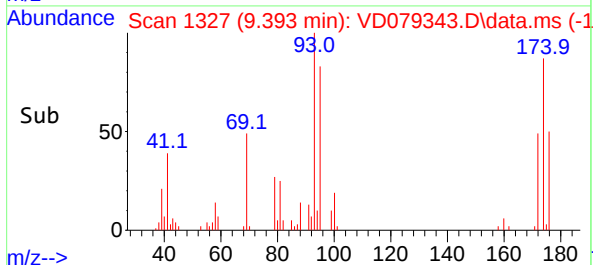
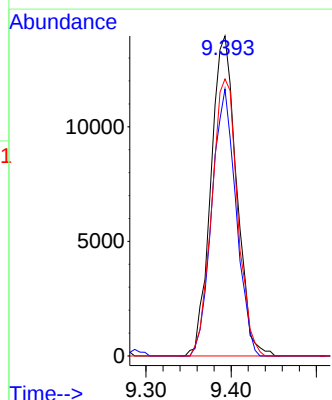
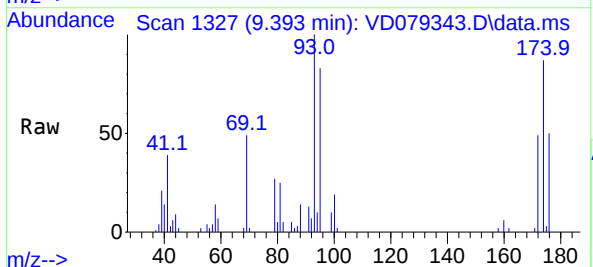
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

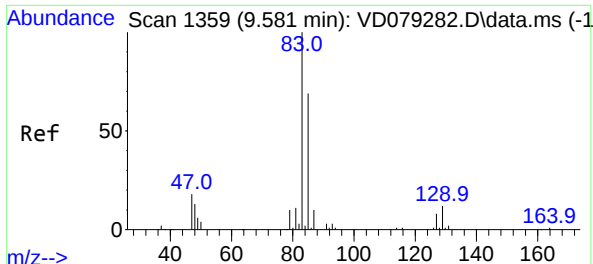
Tgt Ion: 63 Resp: 50031  
Ion Ratio Lower Upper  
63 100  
65 32.5 23.8 35.8



#46  
Dibromomethane  
Concen: 21.366 ug/l  
RT: 9.393 min Scan# 1327  
Delta R.T. -0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

Tgt Ion: 93 Resp: 29178  
Ion Ratio Lower Upper  
93 100  
95 78.7 65.6 98.4  
174 86.8 82.3 123.5

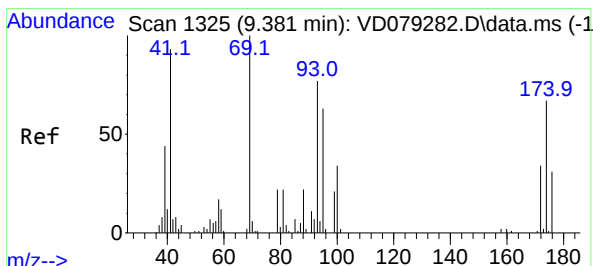
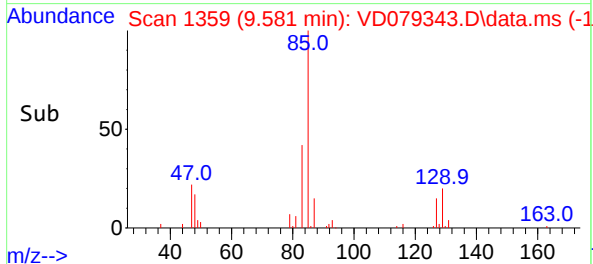
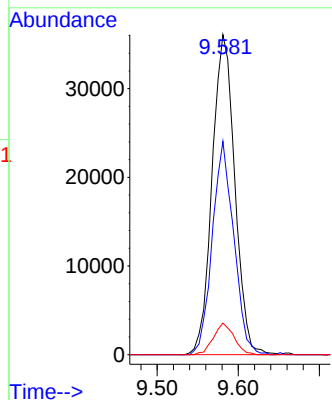
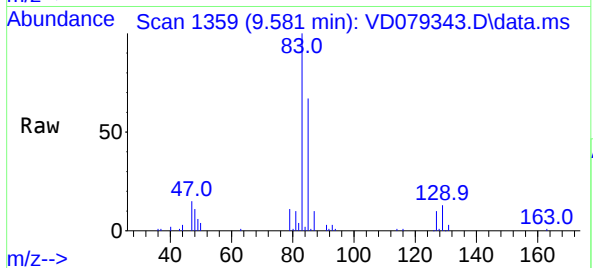




#47  
Bromodichloromethane  
Concen: 20.980 ug/l  
RT: 9.581 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

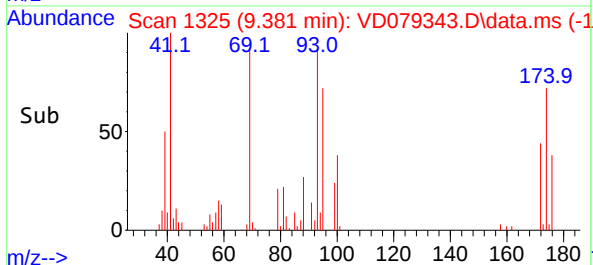
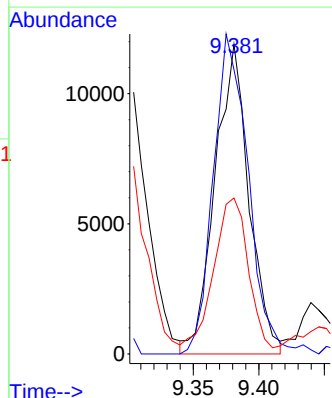
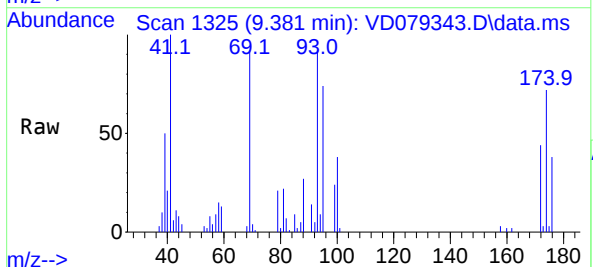
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC020

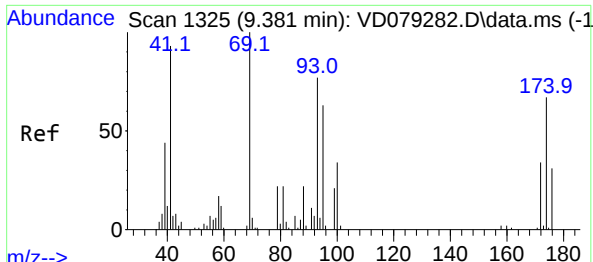
Tgt Ion: 83 Resp: 70050  
Ion Ratio Lower Upper  
83 100  
85 66.7 50.1 75.1  
127 9.8 6.8 10.2



#48  
Methyl methacrylate  
Concen: 19.998 ug/l  
RT: 9.381 min Scan# 1325  
Delta R.T. 0.006 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

Tgt Ion: 41 Resp: 21391  
Ion Ratio Lower Upper  
41 100  
69 106.7 96.7 145.1  
39 48.4 43.8 65.6

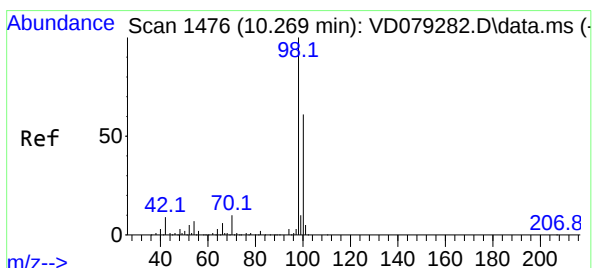
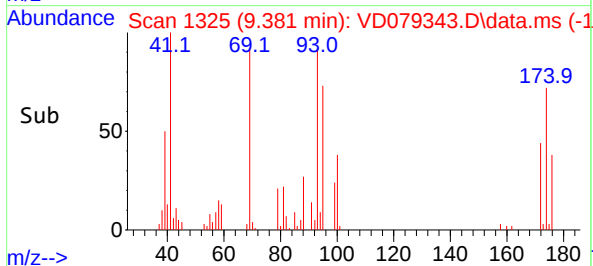
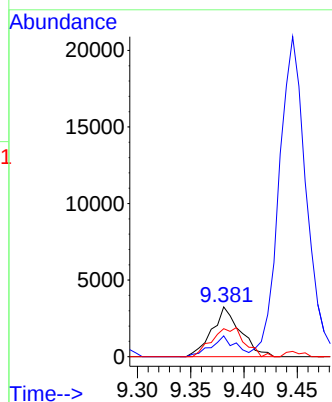
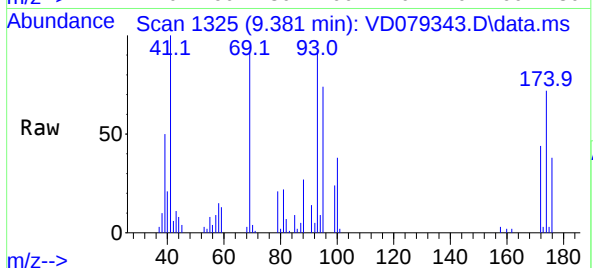




#49  
1,4-Dioxane  
Concen: 390.813 ug/l  
RT: 9.381 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

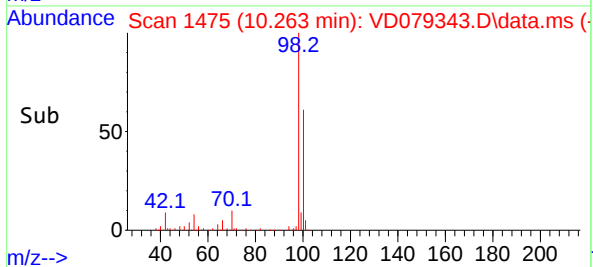
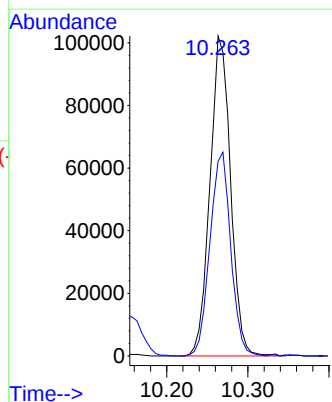
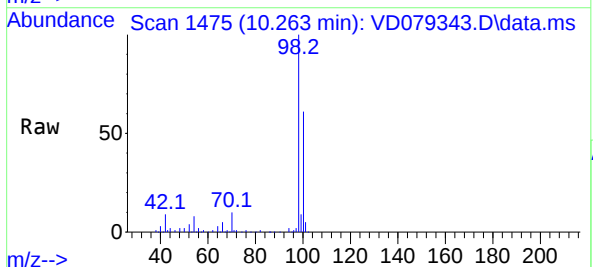
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC020

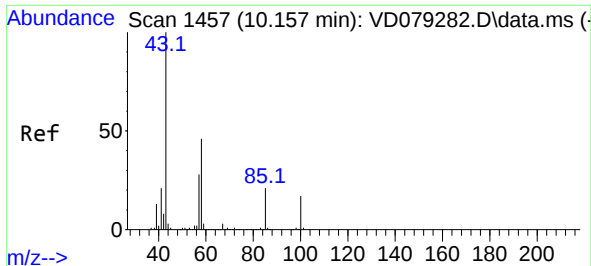
Tgt Ion: 88 Resp: 6044  
Ion Ratio Lower Upper  
88 100  
43 36.1 21.5 32.3#  
58 66.1 42.2 63.4#



#50  
Toluene-d8  
Concen: 19.913 ug/l  
RT: 10.263 min Scan# 1475  
Delta R.T. -0.006 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

Tgt Ion: 98 Resp: 180076  
Ion Ratio Lower Upper  
98 100  
100 64.2 51.6 77.4

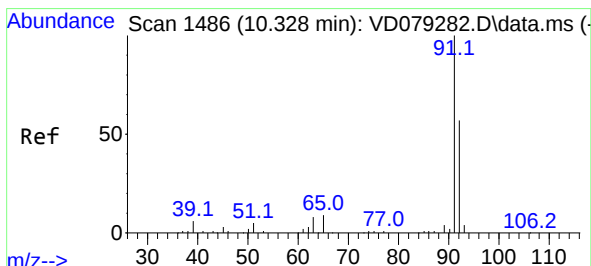
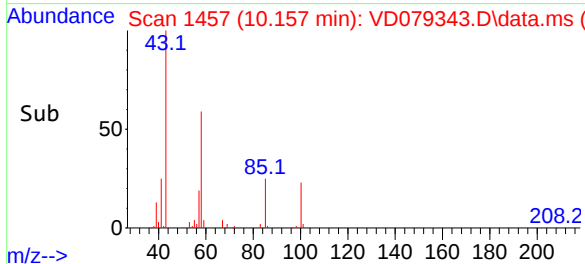
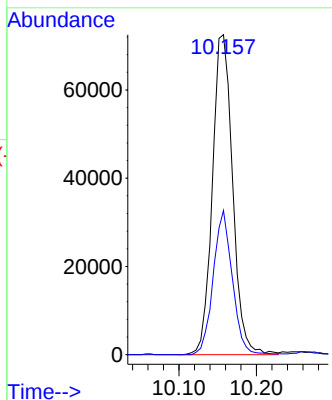
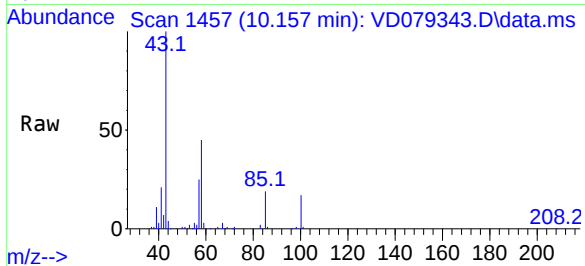




#51  
4-Methyl-2-Pentanone  
Concen: 104.330 ug/l  
RT: 10.157 min Scan# 1457  
Delta R.T. 0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

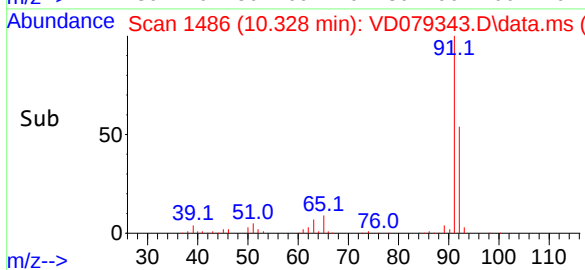
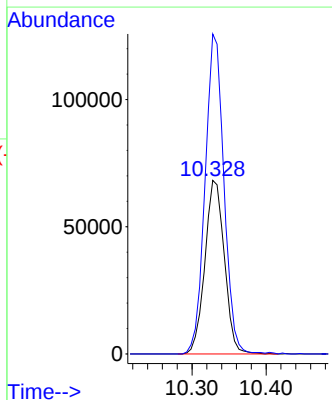
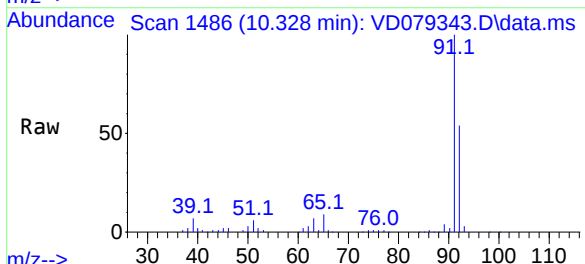
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC020

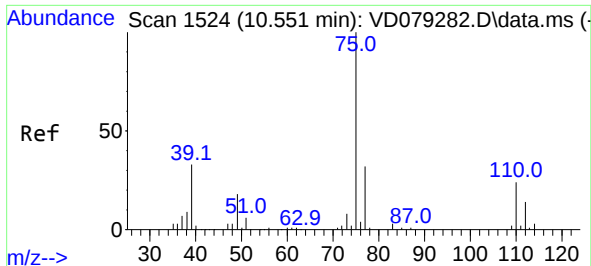
Tgt Ion: 43 Resp: 131752  
Ion Ratio Lower Upper  
43 100  
58 42.5 36.6 55.0



#52  
Toluene  
Concen: 21.186 ug/l  
RT: 10.328 min Scan# 1486  
Delta R.T. -0.006 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

Tgt Ion: 92 Resp: 124441  
Ion Ratio Lower Upper  
92 100  
91 178.6 141.7 212.5

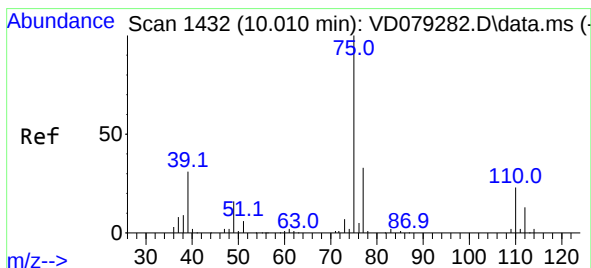
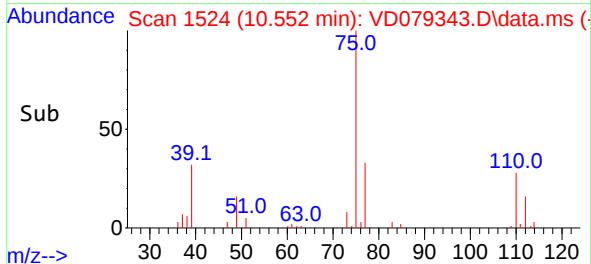
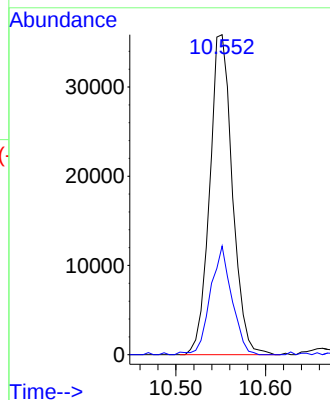
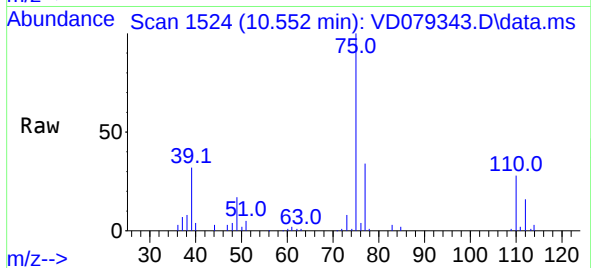




#53  
t-1,3-Dichloropropene  
Concen: 20.831 ug/l  
RT: 10.552 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

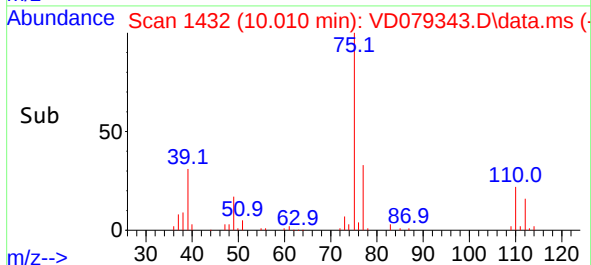
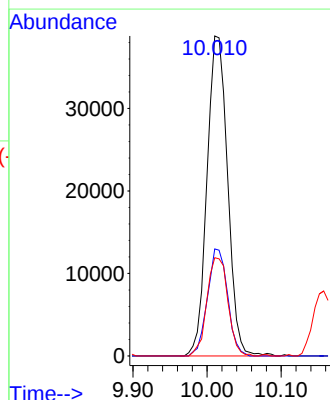
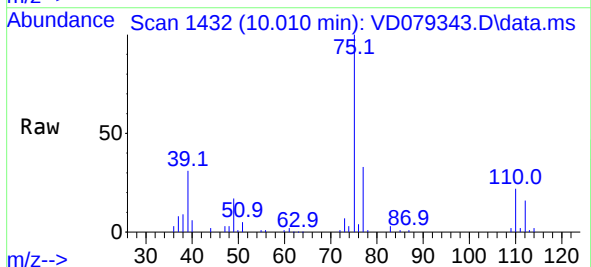
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC020

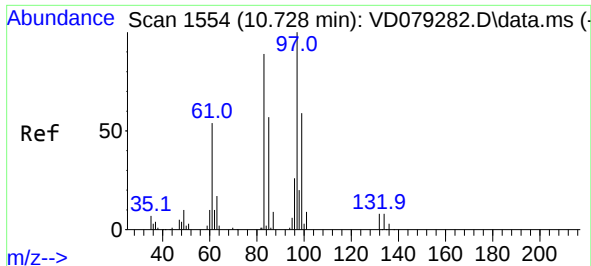
Tgt Ion: 75 Resp: 63010  
Ion Ratio Lower Upper  
75 100  
77 34.0 25.0 37.6



#54  
cis-1,3-Dichloropropene  
Concen: 20.740 ug/l  
RT: 10.010 min Scan# 1432  
Delta R.T. -0.006 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

Tgt Ion: 75 Resp: 74936  
Ion Ratio Lower Upper  
75 100  
77 33.4 24.4 36.6  
39 30.7 24.2 36.2

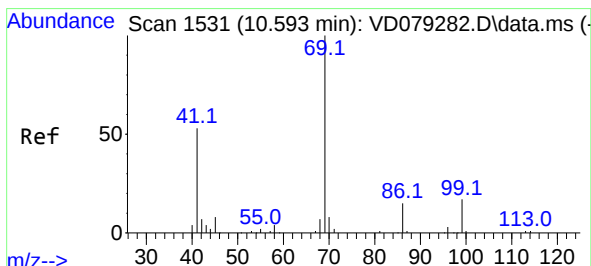
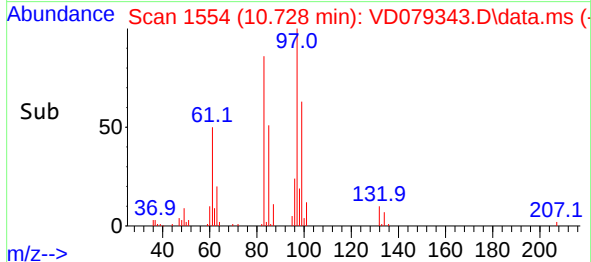
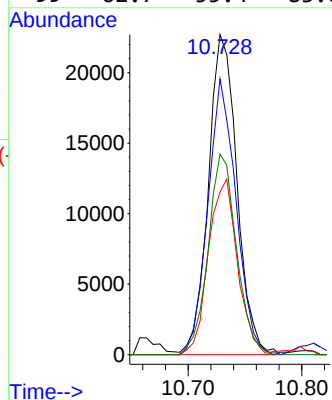
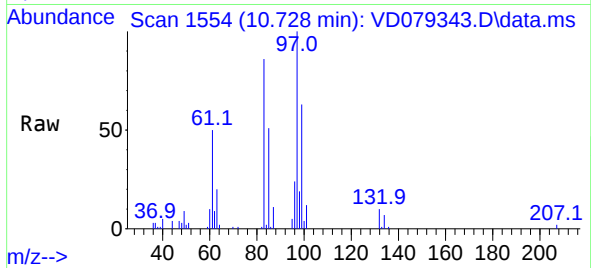




#55  
1,1,2-Trichloroethane  
Concen: 21.657 ug/l  
RT: 10.728 min Scan# 1554  
Delta R.T. -0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

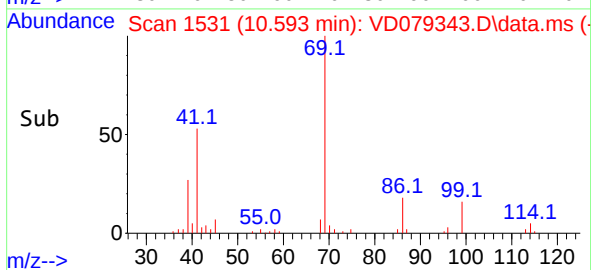
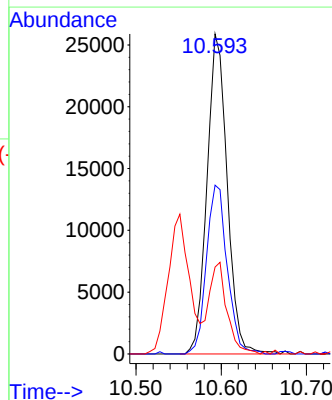
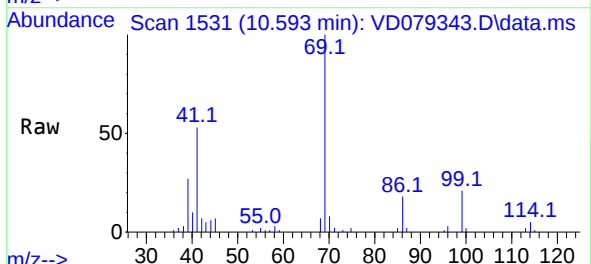
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC020

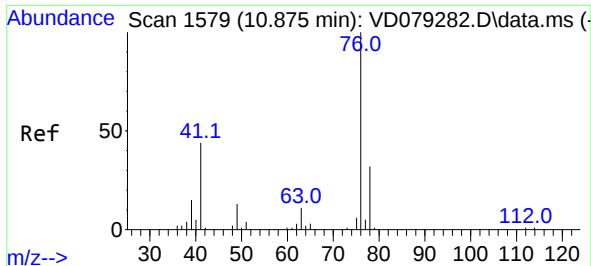
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 39702 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.2  | 65.8  | 98.8  |
| 85       | 50.8  | 43.8  | 65.8  |
| 99       | 62.7  | 55.4  | 83.0  |



#56  
Ethyl methacrylate  
Concen: 19.297 ug/l  
RT: 10.593 min Scan# 1531  
Delta R.T. -0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 42653 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 54.4  | 39.8  | 59.6  |
| 39       | 26.0  | 20.2  | 30.4  |





#57

1,3-Dichloropropane

Concen: 20.813 ug/l

RT: 10.875 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD079343.D

Acq: 08 Jul 2024 15:21

Instrument :

MSVOA\_D

ClientSampleId :

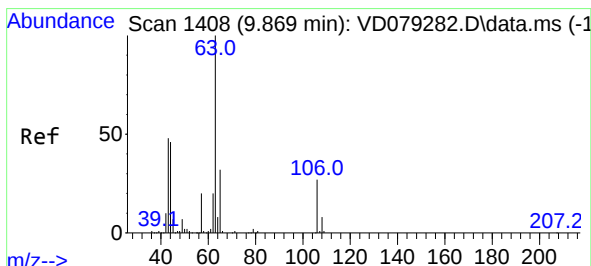
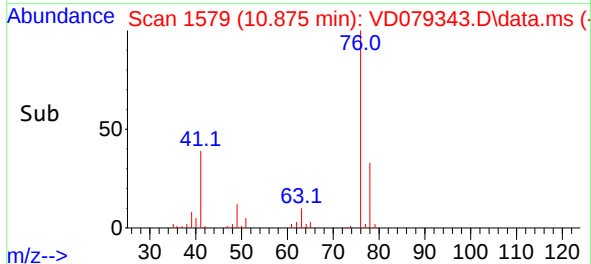
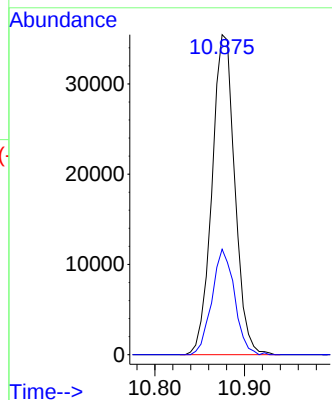
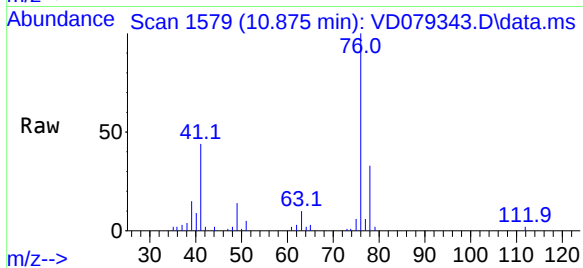
VSTDIC020

Tgt Ion: 76 Resp: 62603

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 96.618 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD079343.D

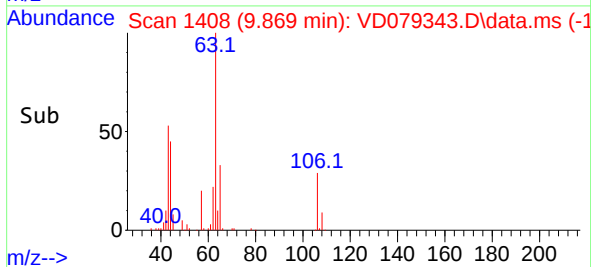
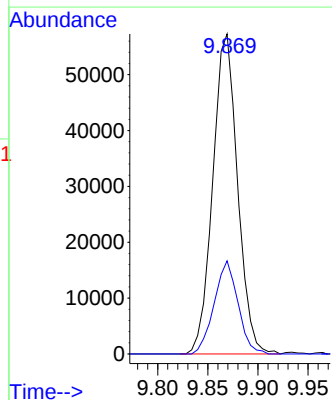
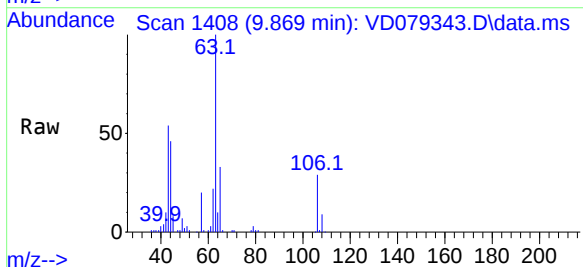
Acq: 08 Jul 2024 15:21

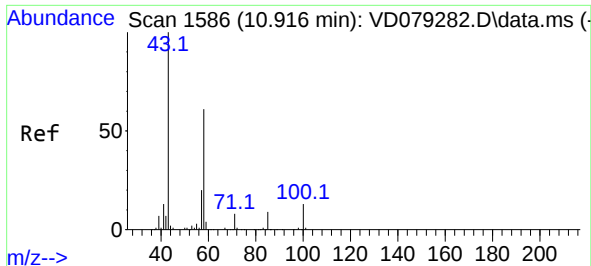
Tgt Ion: 63 Resp: 98511

Ion Ratio Lower Upper

63 100

106 27.9 26.4 39.6

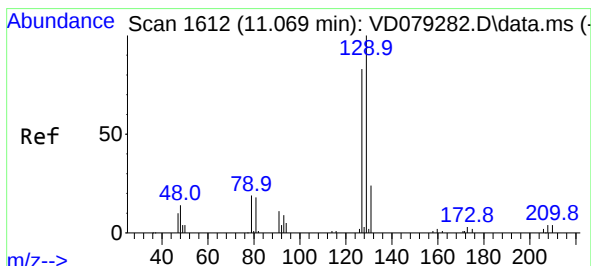
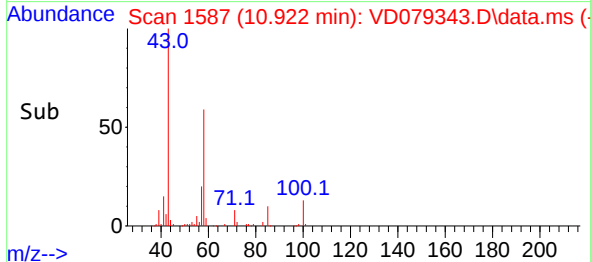
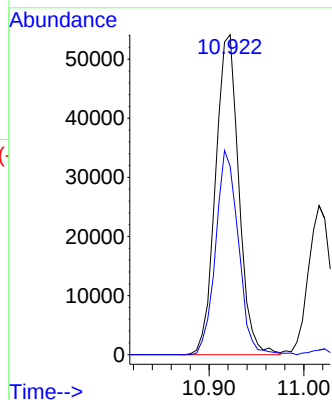
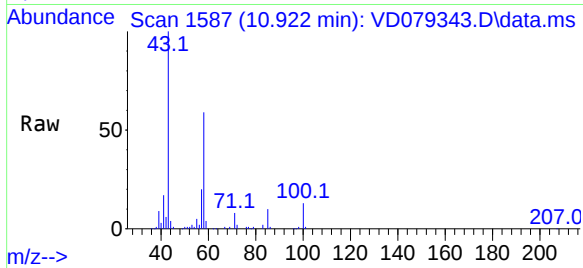




#59  
2-Hexanone  
Concen: 102.650 ug/l  
RT: 10.922 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

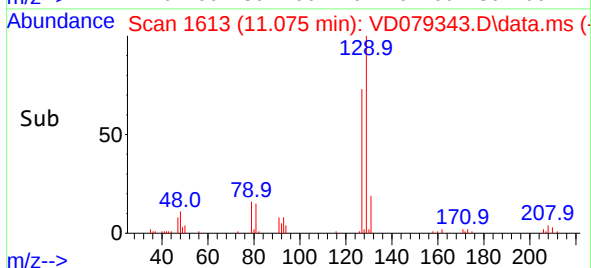
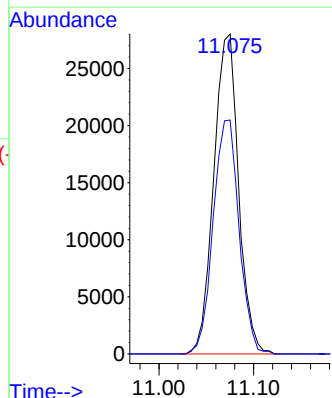
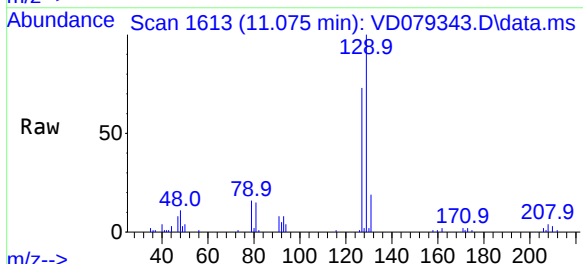
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

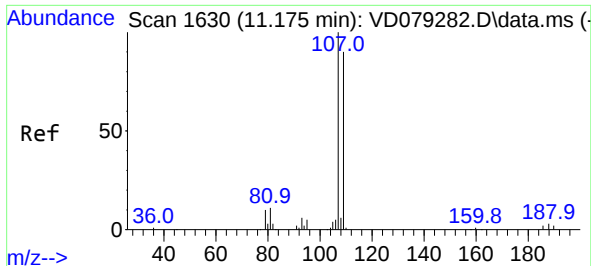
Tgt Ion: 43 Resp: 92619  
Ion Ratio Lower Upper  
43 100  
58 62.3 31.1 93.5



#60  
Dibromochloromethane  
Concen: 21.697 ug/l  
RT: 11.075 min Scan# 1613  
Delta R.T. 0.006 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

Tgt Ion:129 Resp: 51057  
Ion Ratio Lower Upper  
129 100  
127 76.2 38.0 113.9

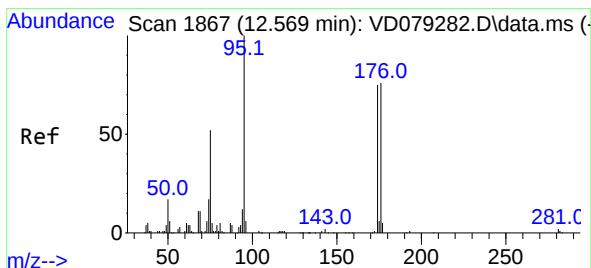
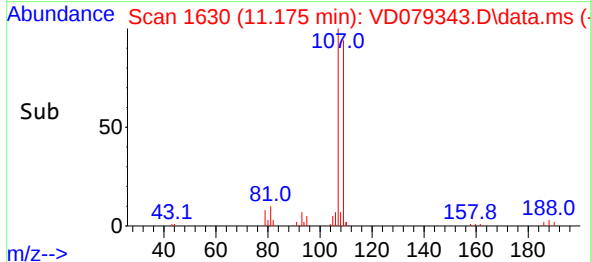
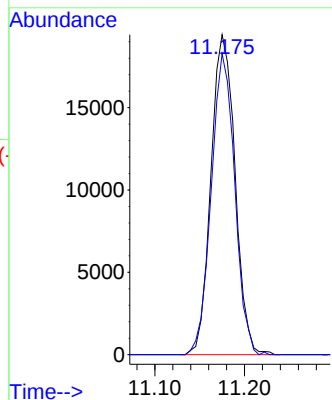
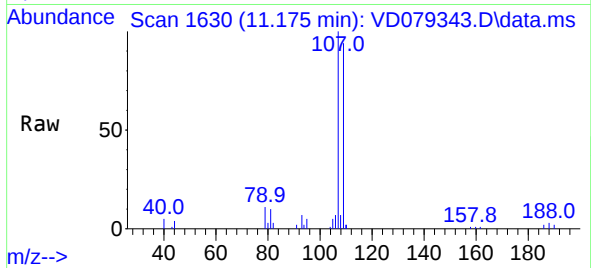




#61  
1,2-Dibromoethane  
Concen: 20.944 ug/l  
RT: 11.175 min Scan# 1630  
Delta R.T. 0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

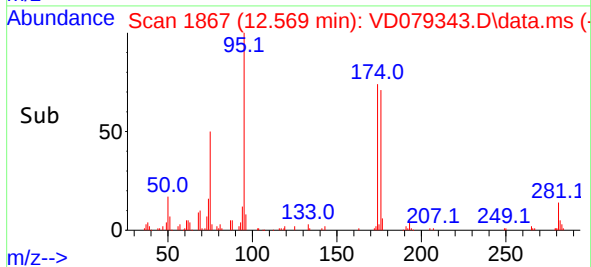
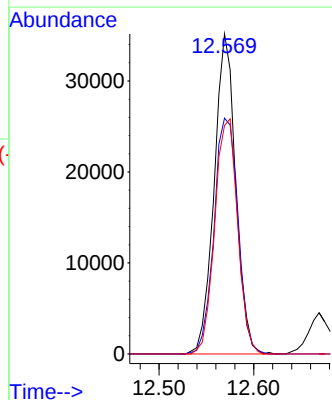
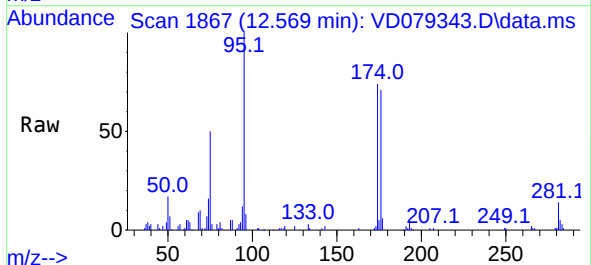
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC020

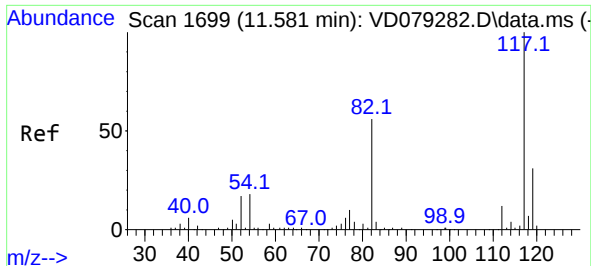
Tgt Ion:107 Resp: 36203  
Ion Ratio Lower Upper  
107 100  
109 91.8 72.0 108.0



#62  
4-Bromofluorobenzene  
Concen: 19.711 ug/l  
RT: 12.569 min Scan# 1867  
Delta R.T. -0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

Tgt Ion: 95 Resp: 55401  
Ion Ratio Lower Upper  
95 100  
174 82.1 0.0 195.4  
176 78.0 0.0 192.6

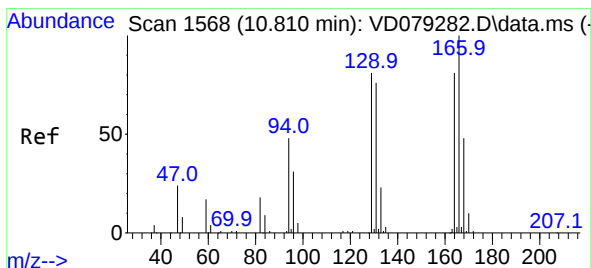
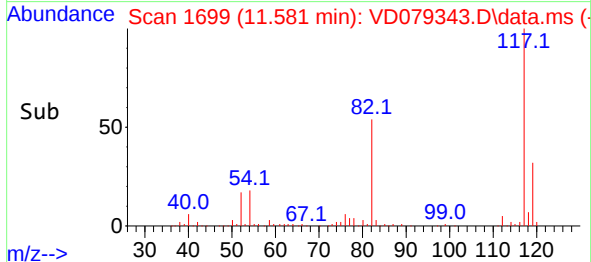
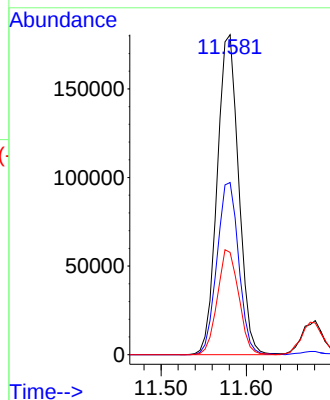
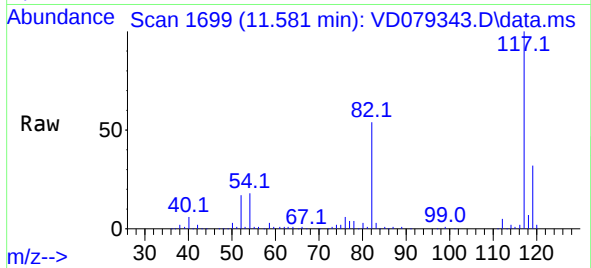




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.581 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

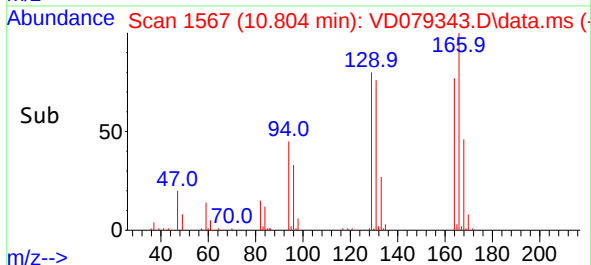
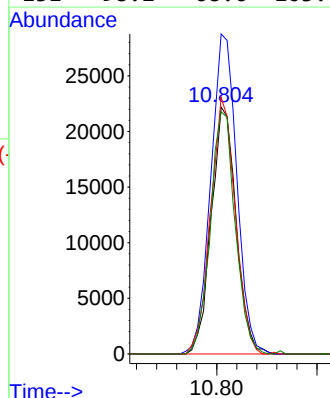
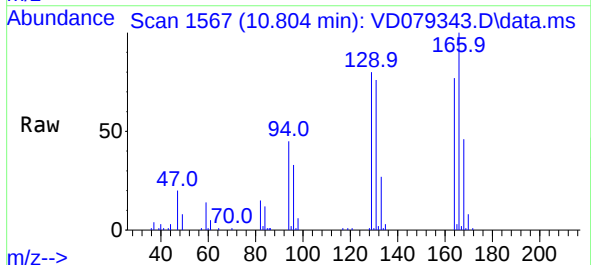
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

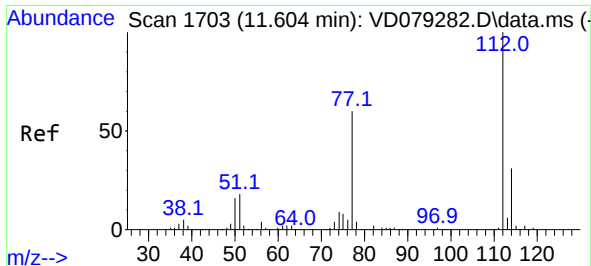
Tgt Ion:117 Resp: 316080  
Ion Ratio Lower Upper  
117 100  
82 53.8 39.8 59.6  
119 32.0 25.7 38.5



#64  
Tetrachloroethene  
Concen: 20.648 ug/l  
RT: 10.804 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

Tgt Ion:164 Resp: 38259  
Ion Ratio Lower Upper  
164 100  
166 129.6 108.6 163.0  
129 103.9 74.6 112.0  
131 98.2 68.6 103.0

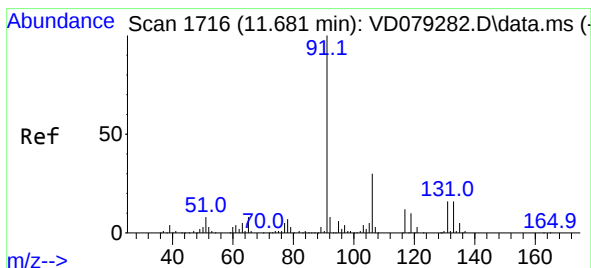
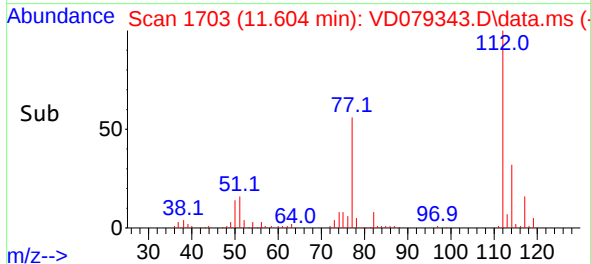
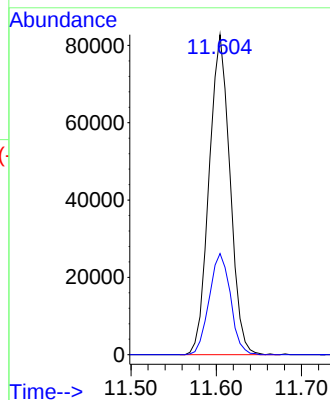
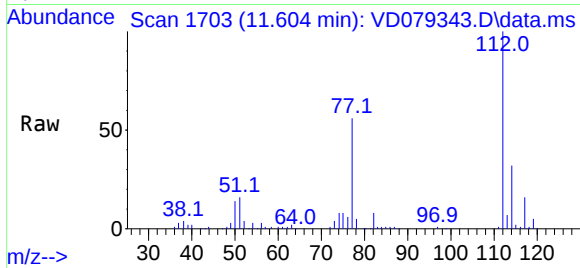




#65  
Chlorobenzene  
Concen: 21.229 ug/l  
RT: 11.604 min Scan# 1703  
Delta R.T. -0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

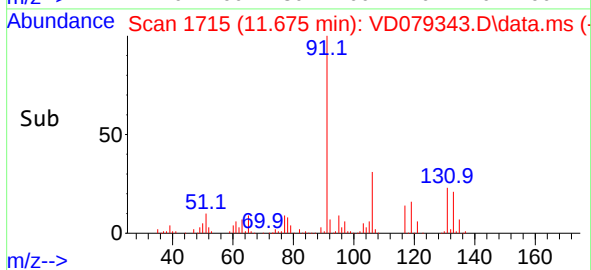
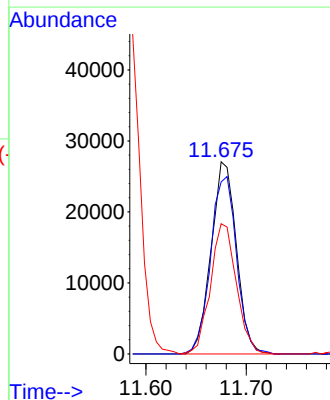
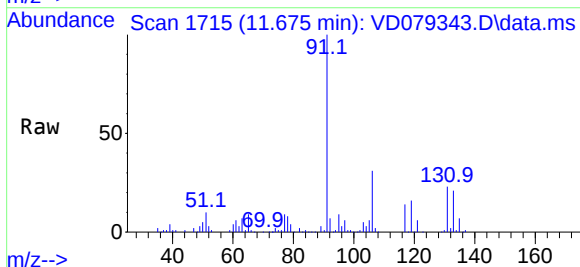
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

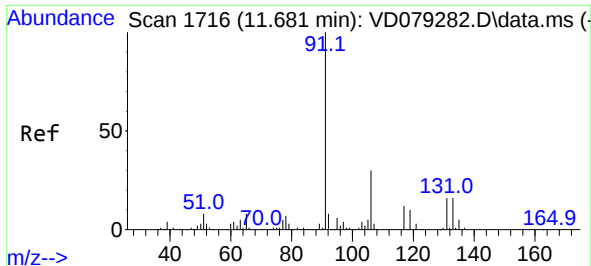
Tgt Ion:112 Resp: 140843  
Ion Ratio Lower Upper  
112 100  
114 31.6 26.0 39.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.103 ug/l  
RT: 11.675 min Scan# 1715  
Delta R.T. -0.006 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

Tgt Ion:131 Resp: 47238  
Ion Ratio Lower Upper  
131 100  
133 95.7 49.2 147.6  
119 69.8 33.4 100.2





#67

Ethyl Benzene

Concen: 20.338 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD079343.D

Acq: 08 Jul 2024 15:21

Instrument :

MSVOA\_D

ClientSampleId :

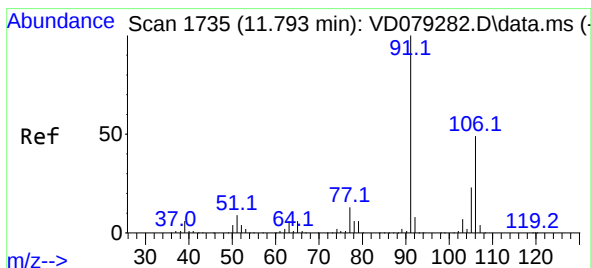
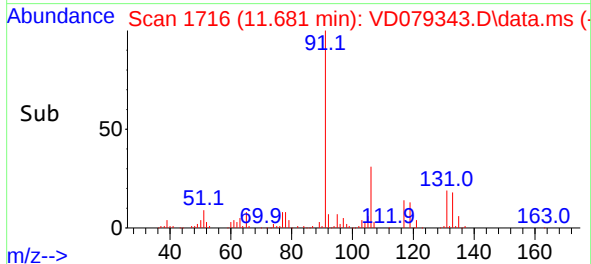
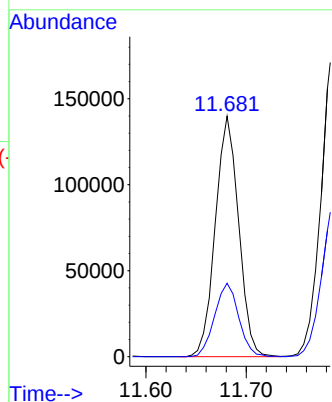
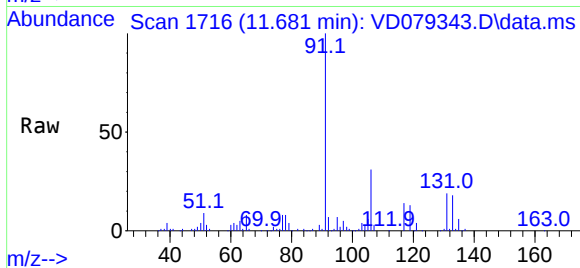
VSTDICC020

Tgt Ion: 91 Resp: 225254

Ion Ratio Lower Upper

91 100

106 30.5 25.8 38.6



#68

m/p-Xylenes

Concen: 41.868 ug/l

RT: 11.787 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VD079343.D

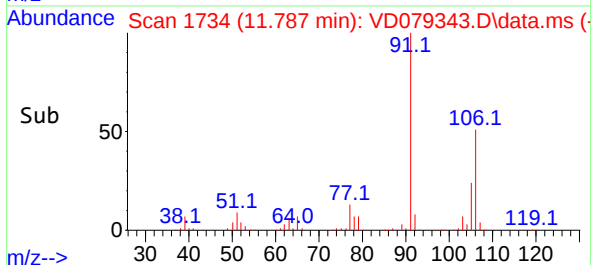
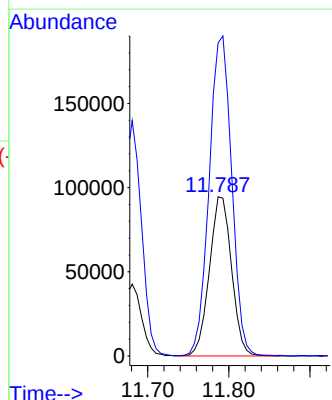
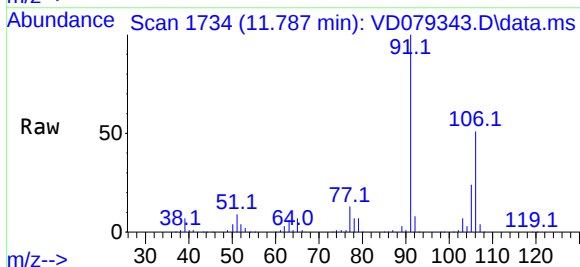
Acq: 08 Jul 2024 15:21

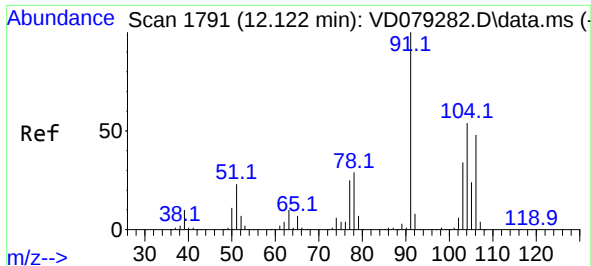
Tgt Ion:106 Resp: 179062

Ion Ratio Lower Upper

106 100

91 205.0 148.5 222.7

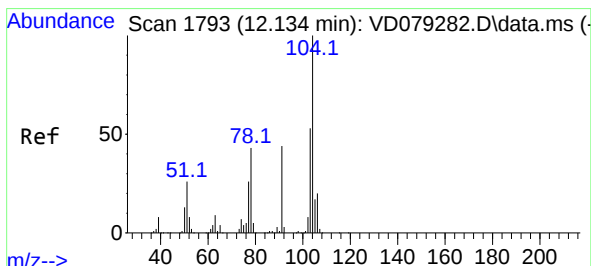
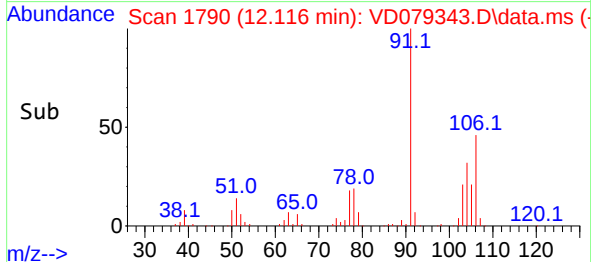
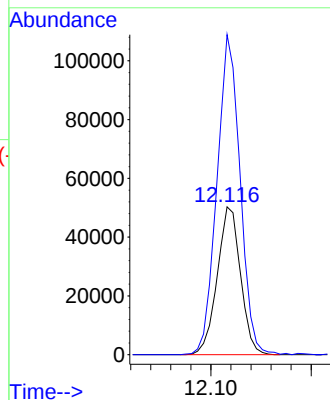
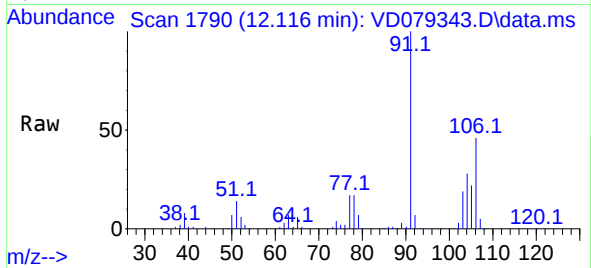




#69  
o-Xylene  
Concen: 20.217 ug/l  
RT: 12.116 min Scan# 1790  
Delta R.T. -0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

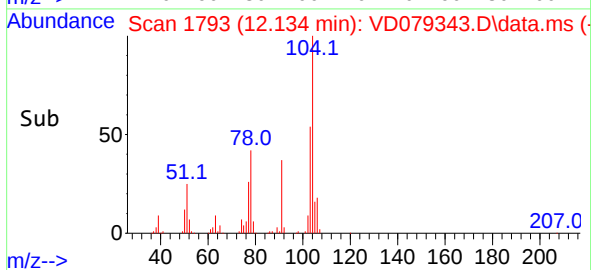
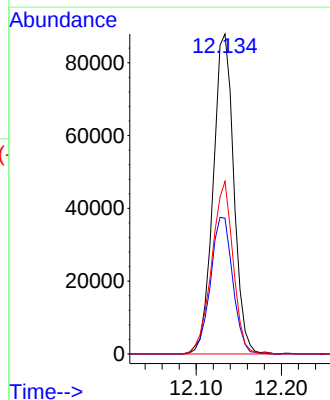
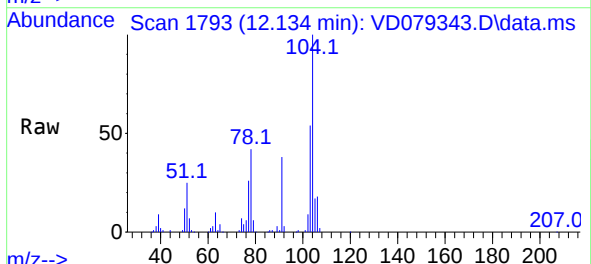
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC020

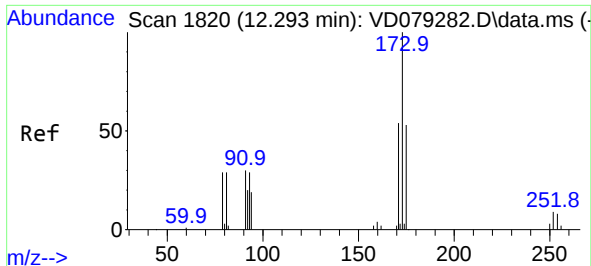
Tgt Ion:106 Resp: 80907  
Ion Ratio Lower Upper  
106 100  
91 215.4 96.7 290.1



#70  
Styrene  
Concen: 20.687 ug/l  
RT: 12.134 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

Tgt Ion:104 Resp: 147725  
Ion Ratio Lower Upper  
104 100  
78 46.4 33.0 49.6  
103 55.9 44.2 66.4

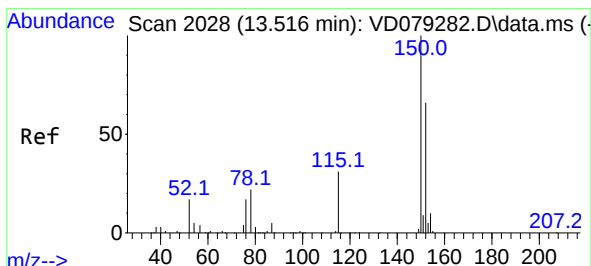
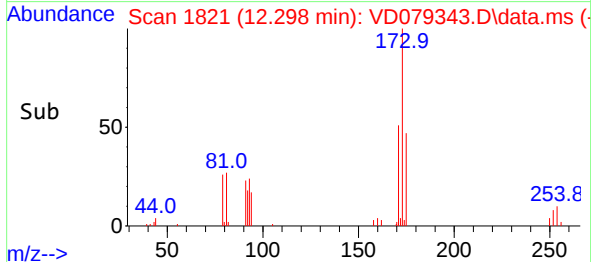
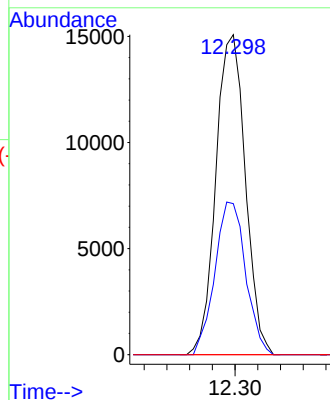
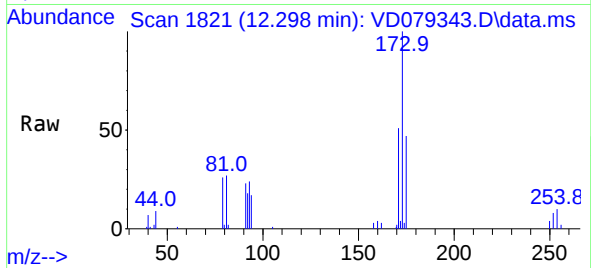




#71  
Bromoform  
Concen: 20.949 ug/l  
RT: 12.298 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

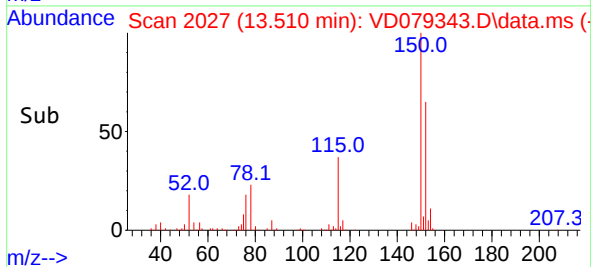
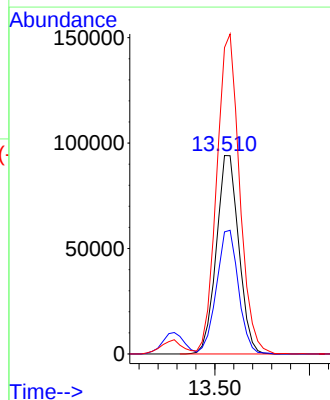
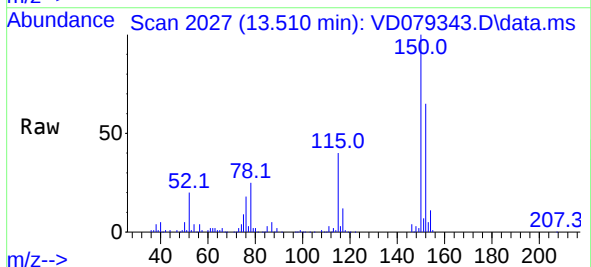
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC020

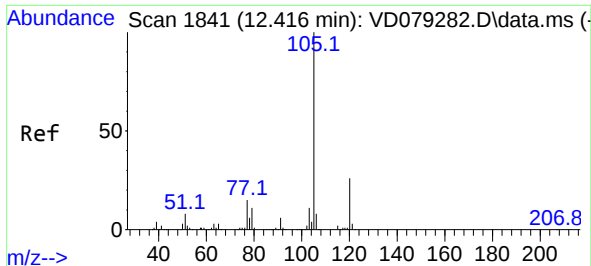
Tgt Ion:173 Resp: 27168  
Ion Ratio Lower Upper  
173 100  
175 49.8 23.7 71.1  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.510 min Scan# 2027  
Delta R.T. -0.006 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

Tgt Ion:152 Resp: 154588  
Ion Ratio Lower Upper  
152 100  
115 61.4 26.5 79.5  
150 164.9 0.0 341.6

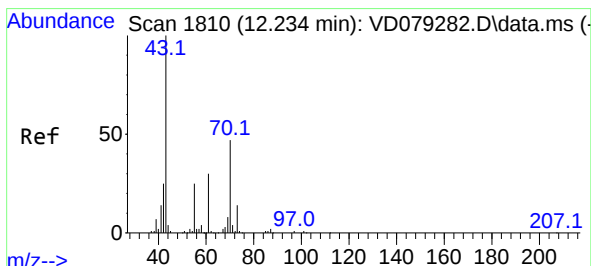
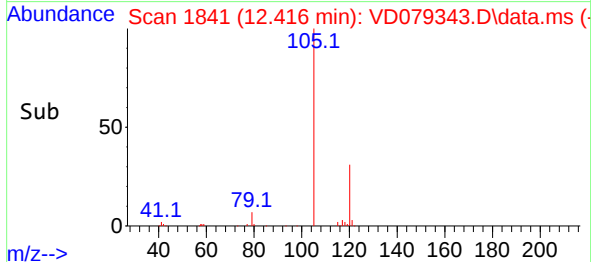
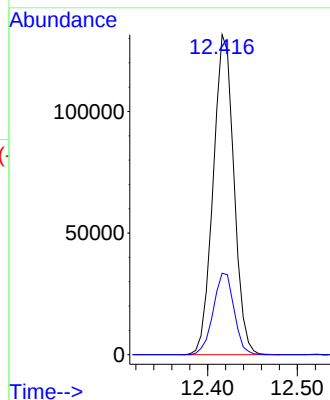
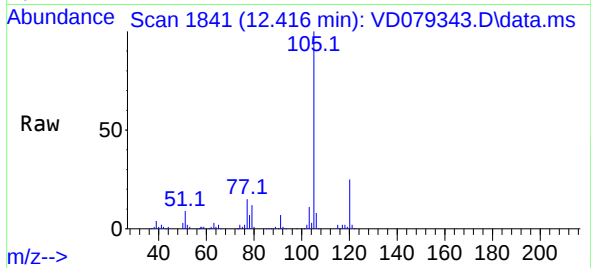




#73  
Isopropylbenzene  
Concen: 20.483 ug/l  
RT: 12.416 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

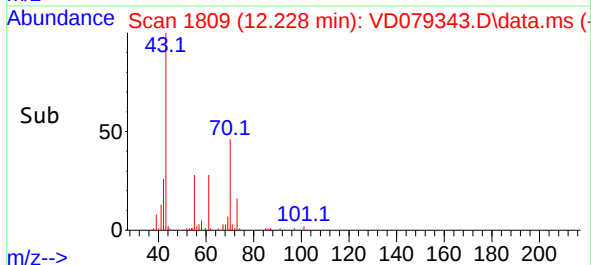
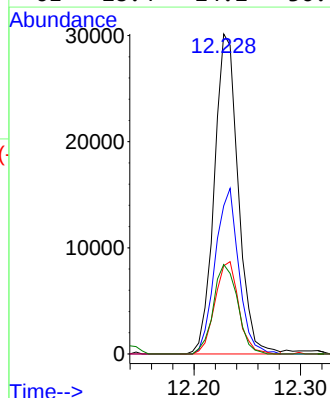
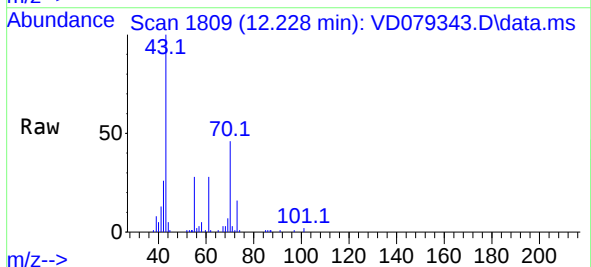
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

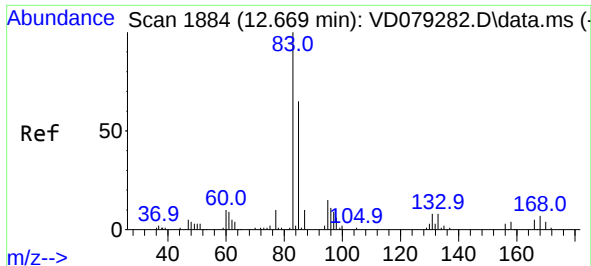
Tgt Ion:105 Resp: 211349  
Ion Ratio Lower Upper  
105 100  
120 25.6 13.6 40.7



#74  
N-ethyl acetate  
Concen: 20.218 ug/l  
RT: 12.228 min Scan# 1809  
Delta R.T. 0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

Tgt Ion: 43 Resp: 46883  
Ion Ratio Lower Upper  
43 100  
70 51.0 44.3 66.5  
55 28.6 23.2 34.8  
61 28.4 24.2 36.4

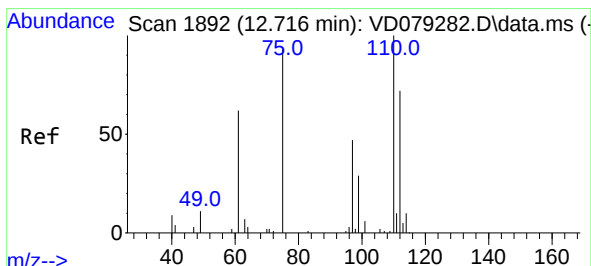
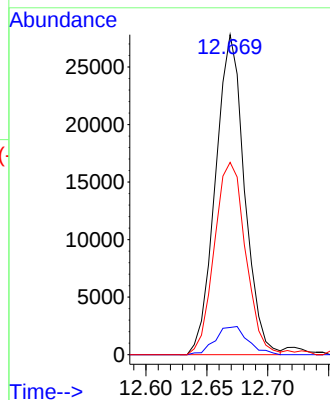
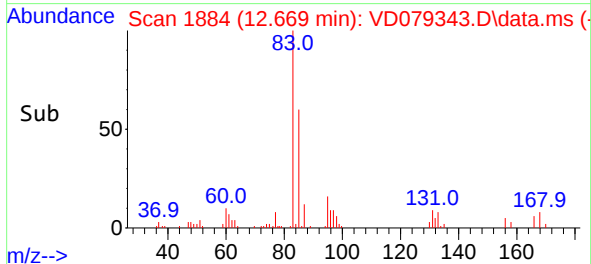
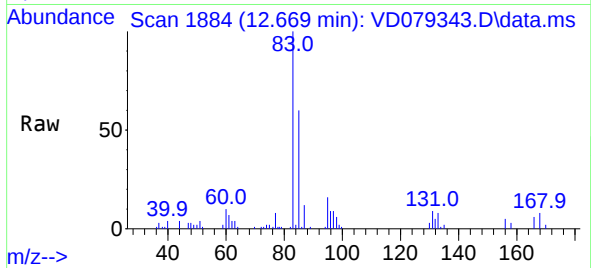




#75  
1,1,2,2-Tetrachloroethane  
Concen: 21.158 ug/l  
RT: 12.669 min Scan# 1884  
Delta R.T. -0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

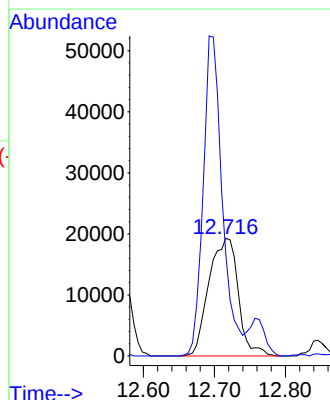
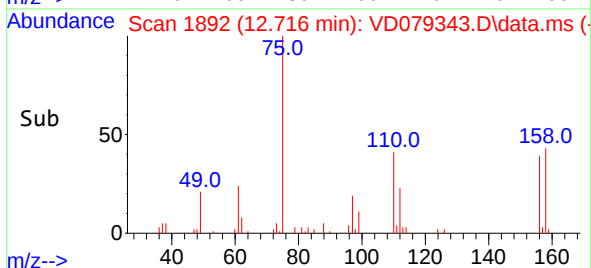
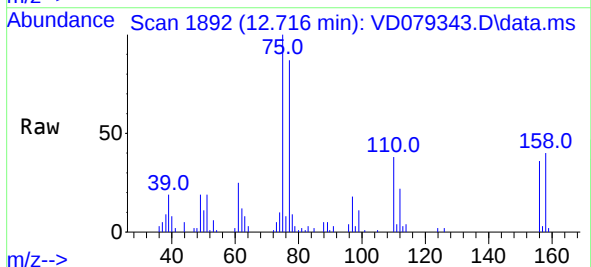
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC020

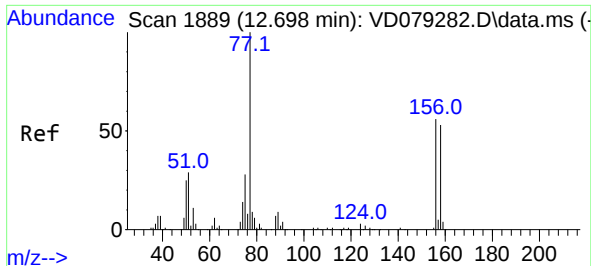
Tgt Ion: 83 Resp: 46124  
Ion Ratio Lower Upper  
83 100  
131 9.9 5.5 16.5  
85 64.4 33.8 101.3



#76  
1,2,3-Trichloropropane  
Concen: 35.804 ug/l  
RT: 12.716 min Scan# 1892  
Delta R.T. -0.006 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

Tgt Ion: 75 Resp: 55212  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

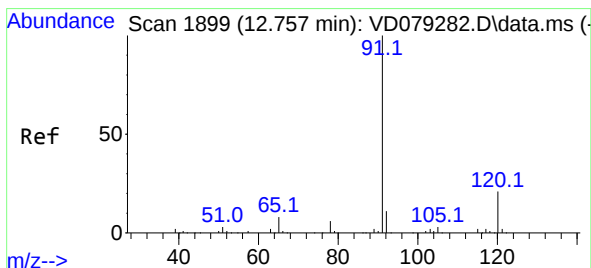
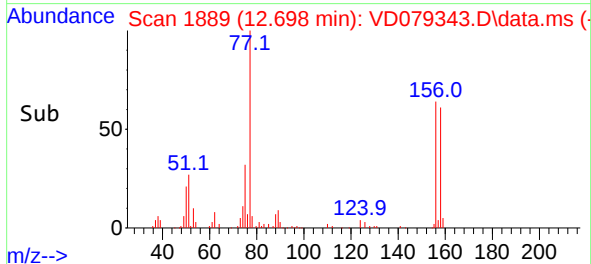
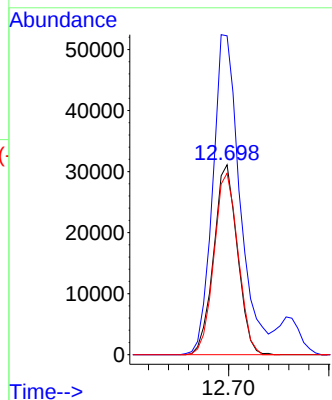
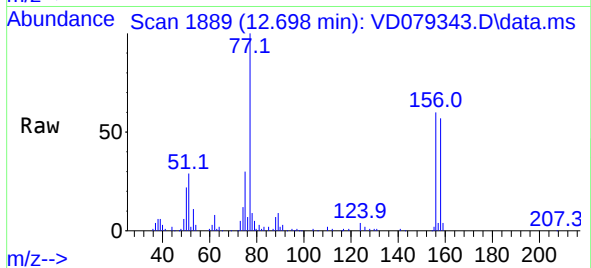




#77  
Bromobenzene  
Concen: 20.910 ug/l  
RT: 12.698 min Scan# 1889  
Delta R.T. -0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

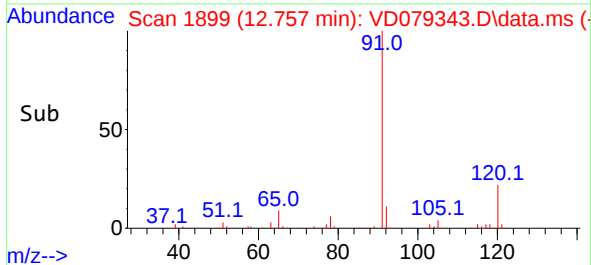
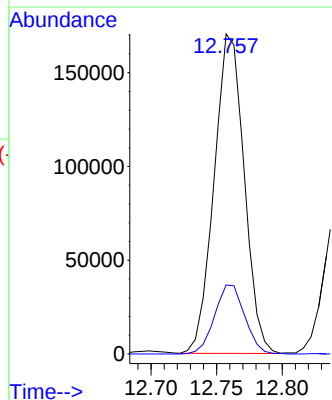
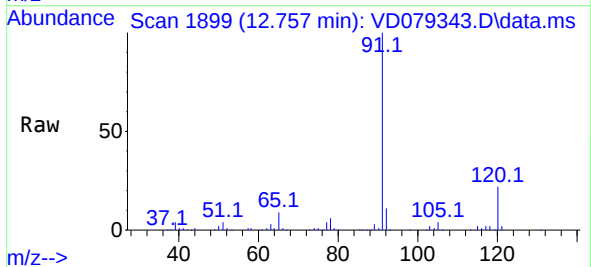
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC020

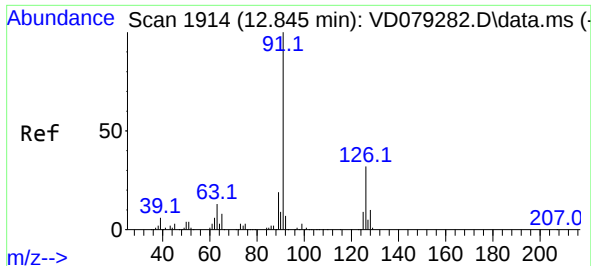
Tgt Ion:156 Resp: 51052  
Ion Ratio Lower Upper  
156 100  
77 192.8 77.3 231.9  
158 97.0 49.6 149.0



#78  
n-propylbenzene  
Concen: 21.130 ug/l  
RT: 12.757 min Scan# 1899  
Delta R.T. -0.006 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

Tgt Ion: 91 Resp: 271743  
Ion Ratio Lower Upper  
91 100  
120 21.7 12.3 36.8

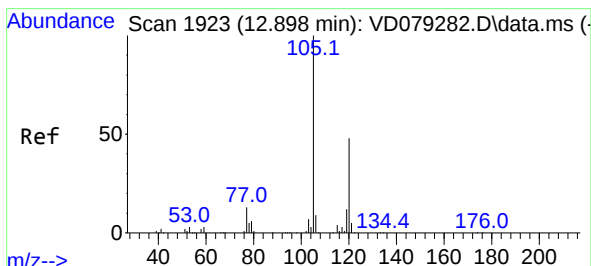
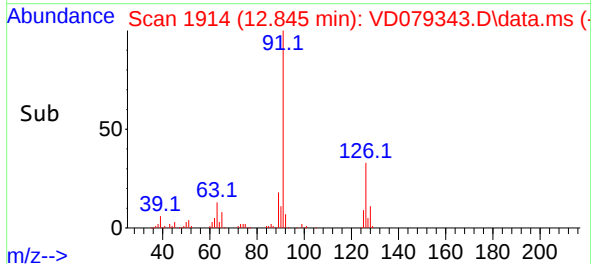
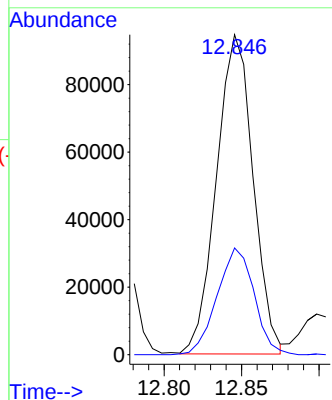
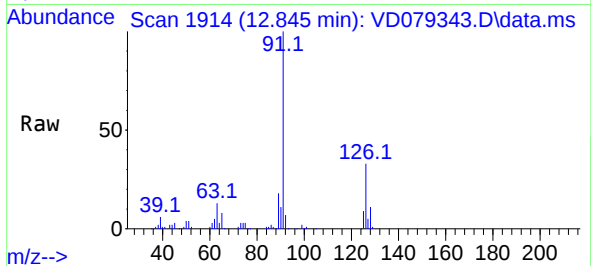




#79  
2-Chlorotoluene  
Concen: 21.085 ug/l  
RT: 12.845 min Scan# 1914  
Delta R.T. 0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

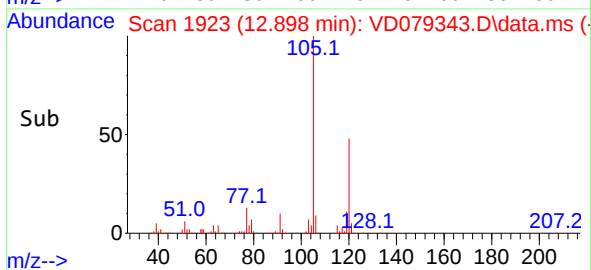
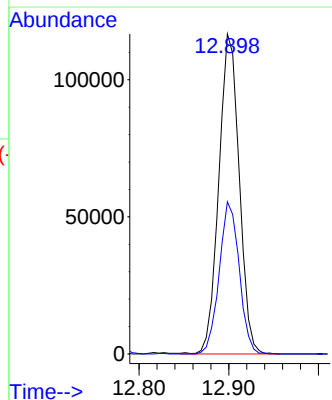
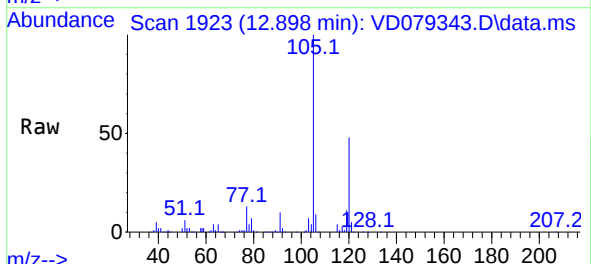
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC020

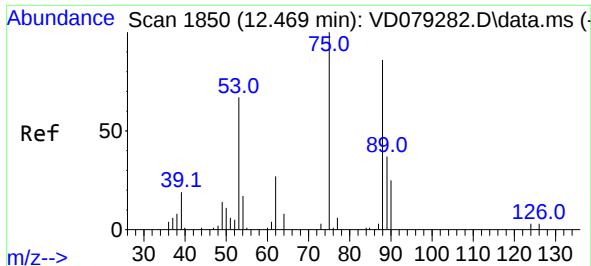
Tgt Ion: 91 Resp: 155520  
Ion Ratio Lower Upper  
91 100  
126 33.6 19.3 57.8



#80  
1,3,5-Trimethylbenzene  
Concen: 21.045 ug/l  
RT: 12.898 min Scan# 1923  
Delta R.T. -0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

Tgt Ion: 105 Resp: 184057  
Ion Ratio Lower Upper  
105 100  
120 46.6 25.7 77.1

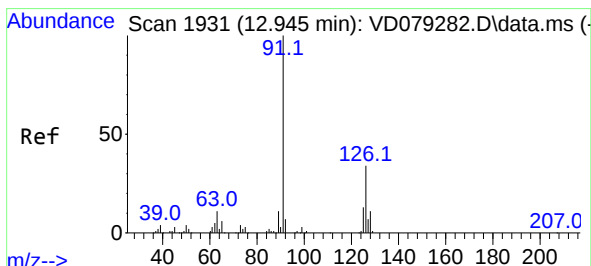
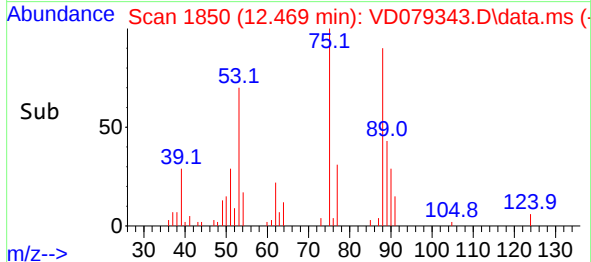
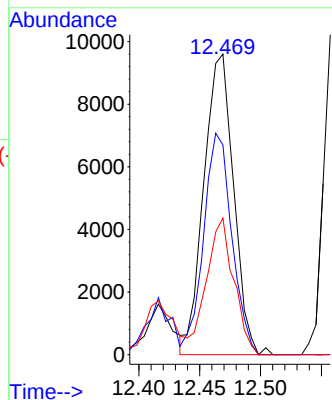
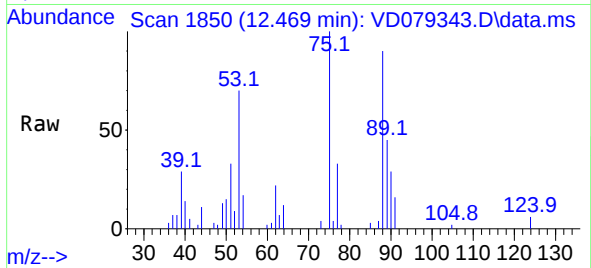




#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.746 ug/l  
RT: 12.469 min Scan# 1850  
Delta R.T. 0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

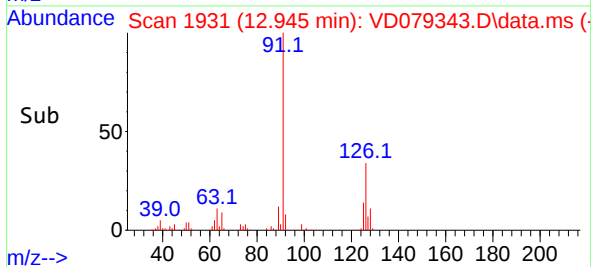
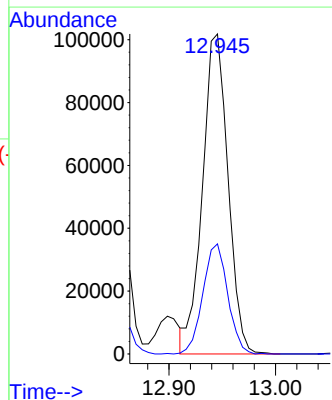
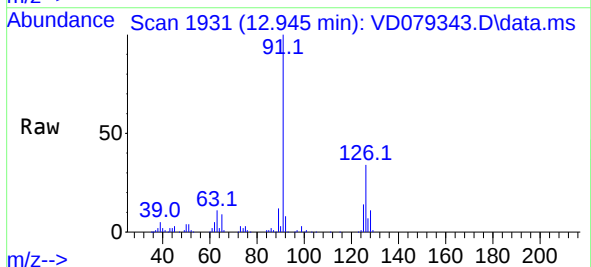
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC020

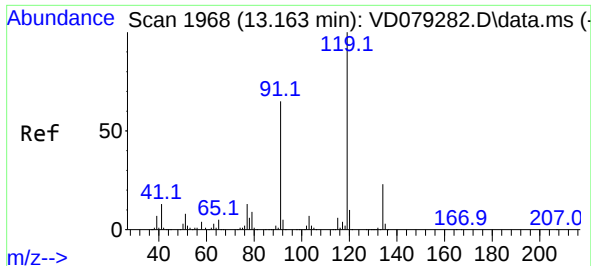
Tgt Ion: 75 Resp: 16343  
Ion Ratio Lower Upper  
75 100  
53 70.2 61.4 92.2  
89 41.5 35.4 53.0



#82  
4-Chlorotoluene  
Concen: 21.615 ug/l  
RT: 12.945 min Scan# 1931  
Delta R.T. -0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

Tgt Ion: 91 Resp: 169668  
Ion Ratio Lower Upper  
91 100  
126 33.5 18.9 56.9

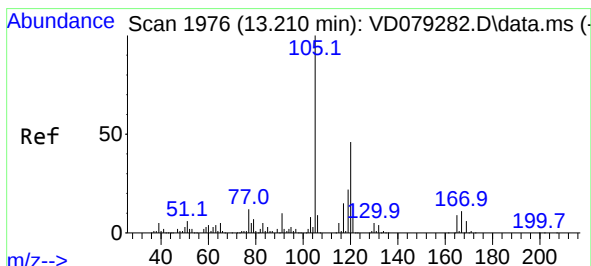
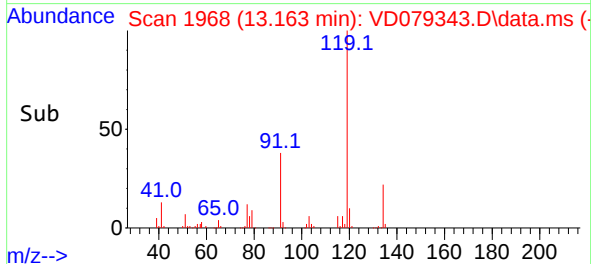
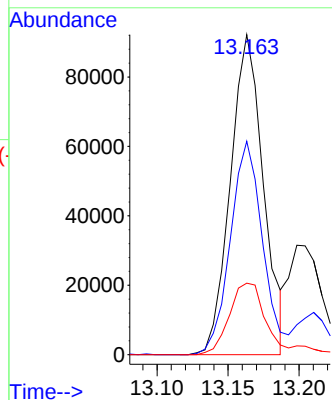
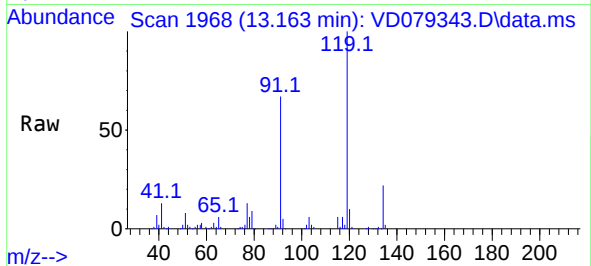




#83  
tert-Butylbenzene  
Concen: 20.452 ug/l  
RT: 13.163 min Scan# 1968  
Delta R.T. -0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

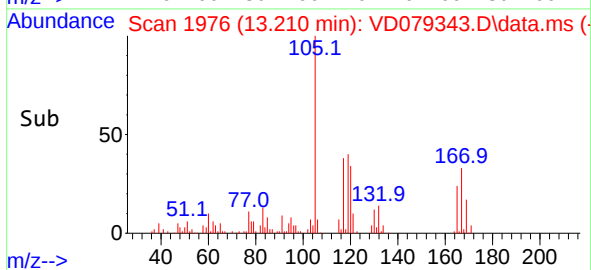
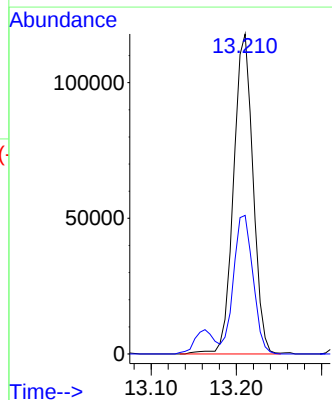
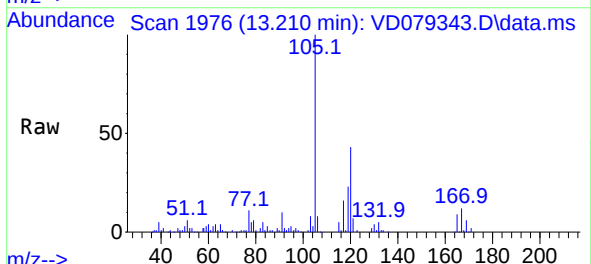
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC020

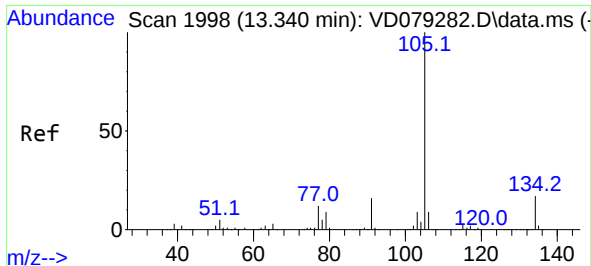
Tgt Ion:119 Resp: 149369  
Ion Ratio Lower Upper  
119 100  
91 65.5 28.2 84.7  
134 26.1 13.4 40.1



#84  
1,2,4-Trimethylbenzene  
Concen: 21.052 ug/l  
RT: 13.210 min Scan# 1976  
Delta R.T. 0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

Tgt Ion:105 Resp: 186759  
Ion Ratio Lower Upper  
105 100  
120 43.4 23.6 71.0

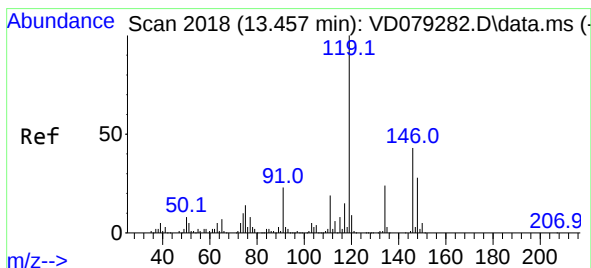
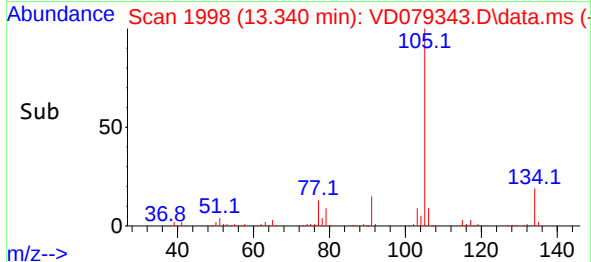
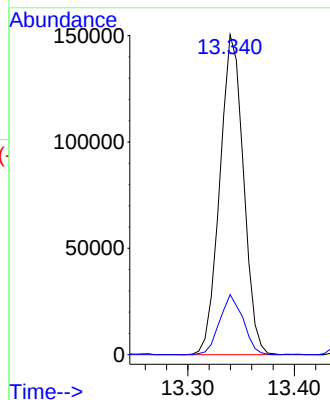
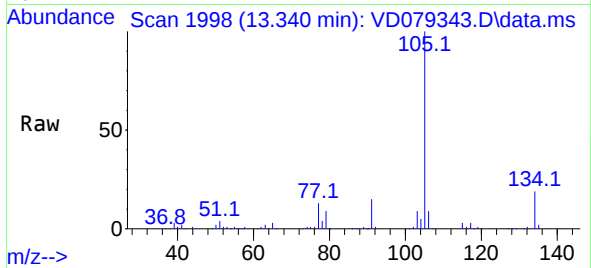




#85  
sec-Butylbenzene  
Concen: 20.746 ug/l  
RT: 13.340 min Scan# 1998  
Delta R.T. -0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

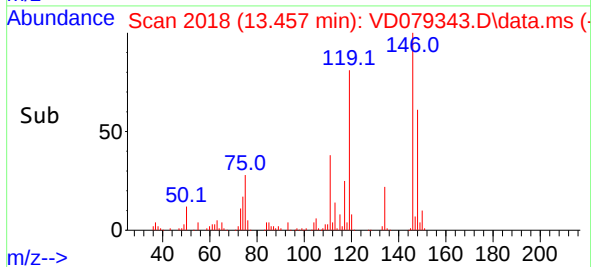
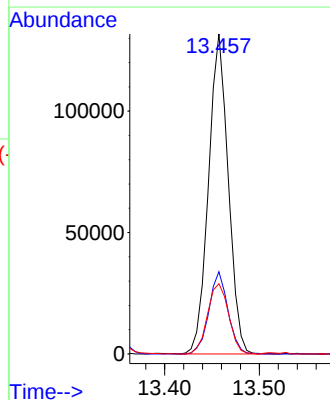
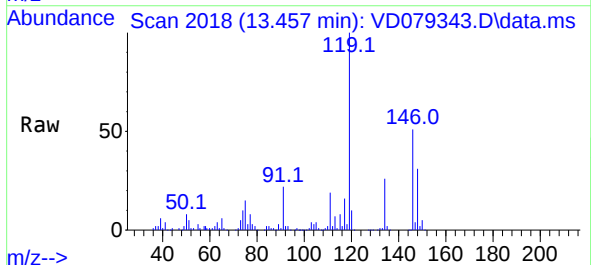
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

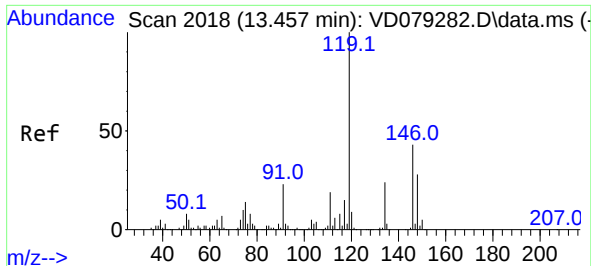
Tgt Ion:105 Resp: 232233  
Ion Ratio Lower Upper  
105 100  
134 18.6 10.3 30.8



#86  
p-Isopropyltoluene  
Concen: 20.612 ug/l  
RT: 13.457 min Scan# 2018  
Delta R.T. -0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

Tgt Ion:119 Resp: 191083  
Ion Ratio Lower Upper  
119 100  
134 24.8 13.7 41.1  
91 23.4 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 20.880 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD079343.D

Acq: 08 Jul 2024 15:21

Instrument :

MSVOA\_D

ClientSampleId :

VSTDICC020

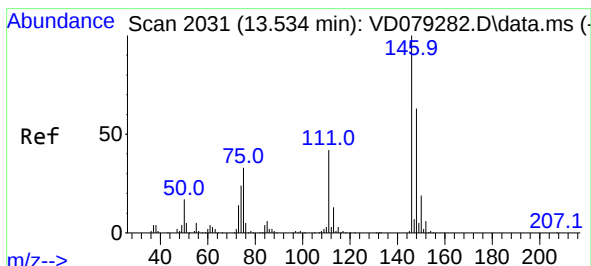
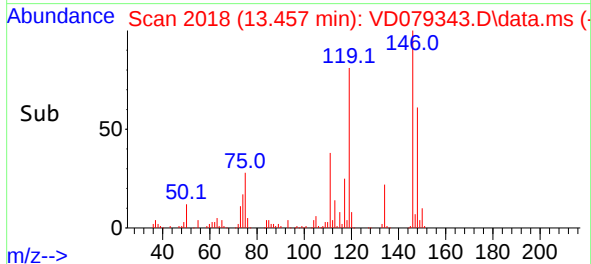
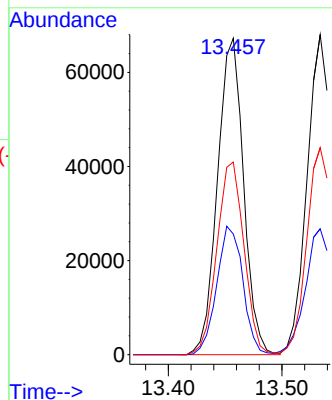
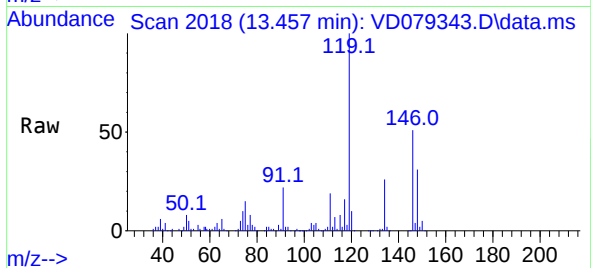
Tgt Ion:146 Resp: 107504

Ion Ratio Lower Upper

146 100

111 40.7 18.5 55.5

148 63.3 30.9 92.8



#88

1,4-Dichlorobenzene

Concen: 20.921 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VD079343.D

Acq: 08 Jul 2024 15:21

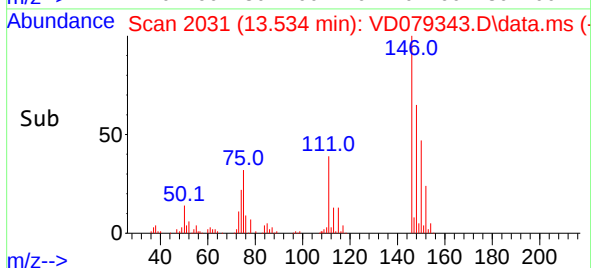
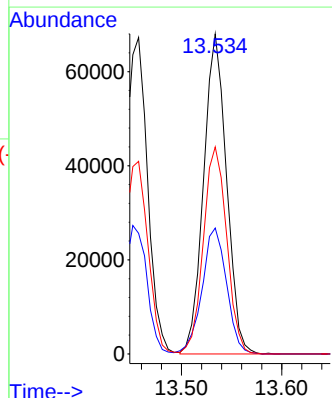
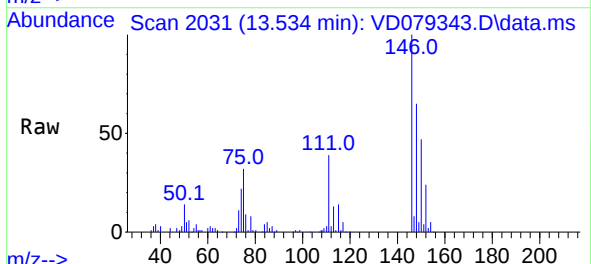
Tgt Ion:146 Resp: 108418

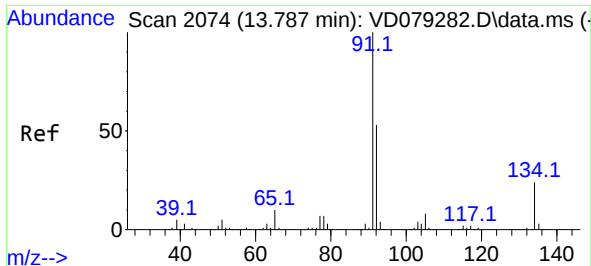
Ion Ratio Lower Upper

146 100

111 42.1 17.5 52.6

148 65.9 31.4 94.2





#89

n-Butylbenzene

Concen: 20.594 ug/l

RT: 13.781 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD079343.D

Acq: 08 Jul 2024 15:21

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC020

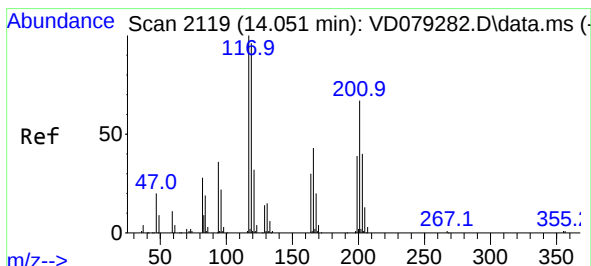
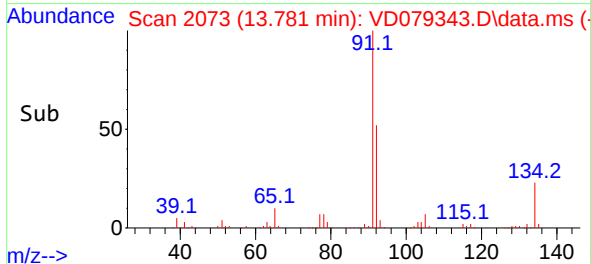
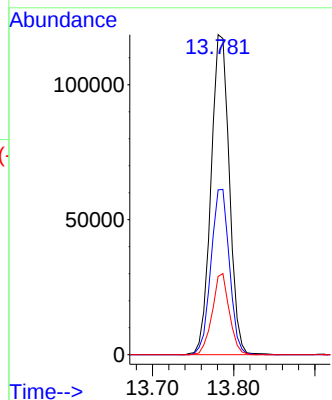
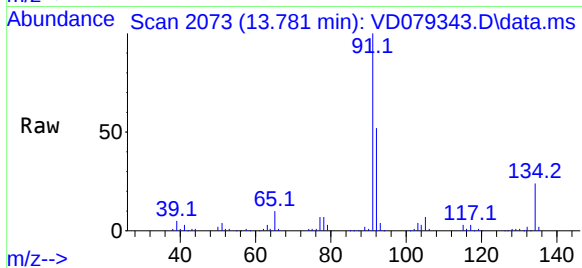
Tgt Ion: 91 Resp: 185593

Ion Ratio Lower Upper

91 100

92 51.9 25.7 77.0

134 23.6 13.6 40.8



#90

Hexachloroethane

Concen: 20.819 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD079343.D

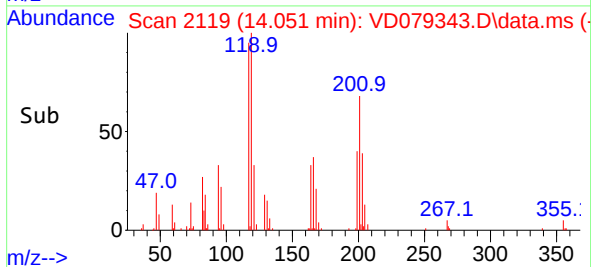
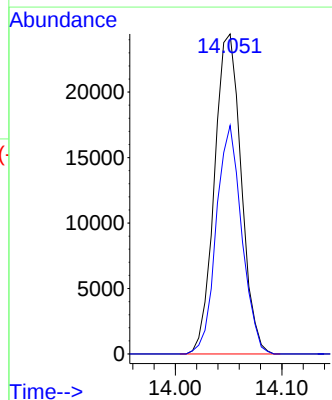
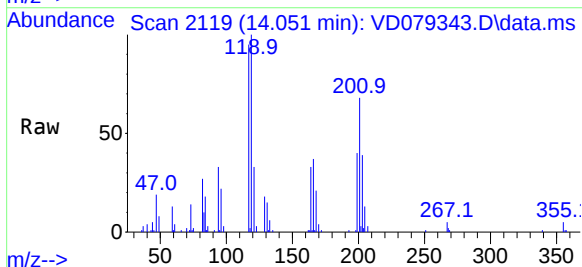
Acq: 08 Jul 2024 15:21

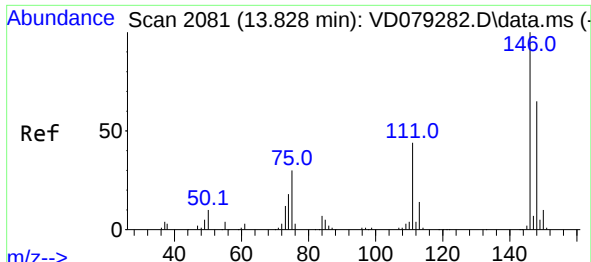
Tgt Ion: 117 Resp: 42637

Ion Ratio Lower Upper

117 100

201 68.0 36.3 108.9

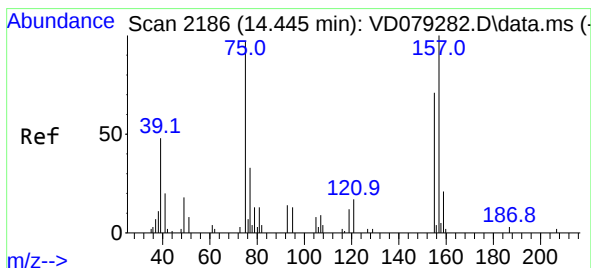
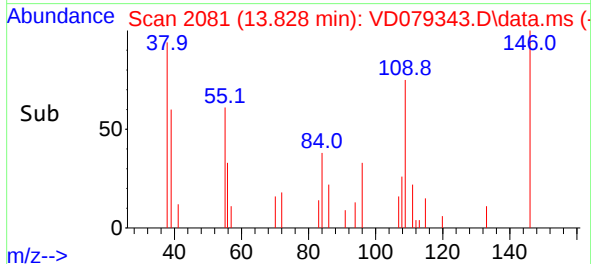
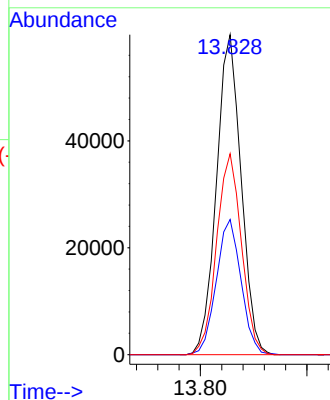
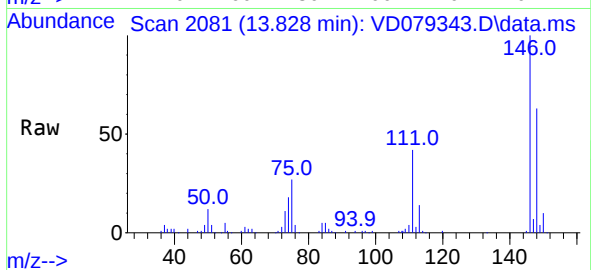




#91  
1,2-Dichlorobenzene  
Concen: 21.057 ug/l  
RT: 13.828 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

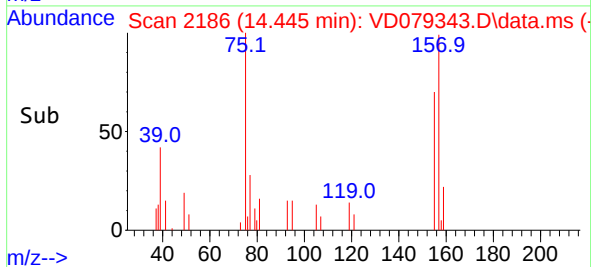
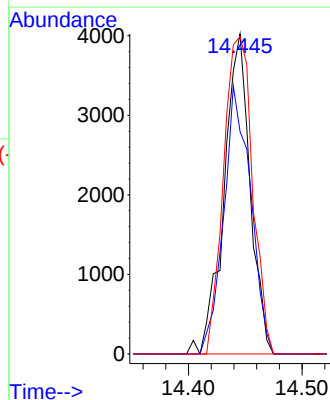
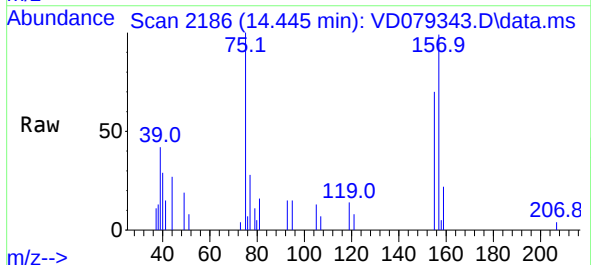
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC020

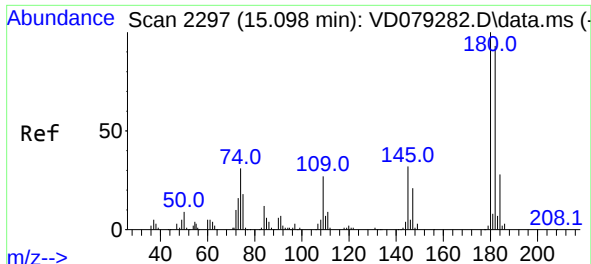
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 96174 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 42.4  | 19.1  | 57.1  |
| 148      | 63.3  | 31.1  | 93.5  |



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 20.934 ug/l  
RT: 14.445 min Scan# 2186  
Delta R.T. -0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 6410  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 155      | 86.6  | 47.7  | 143.1 |
| 157      | 110.5 | 63.4  | 190.2 |

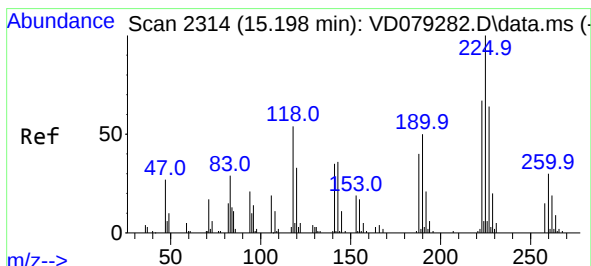
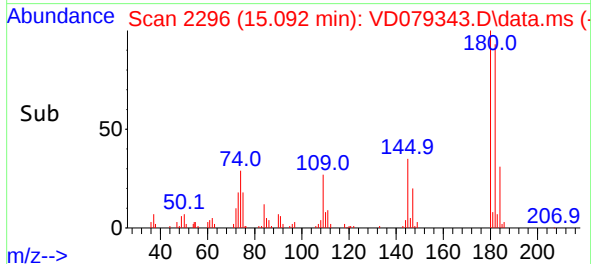
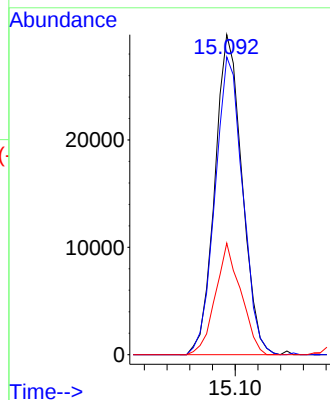
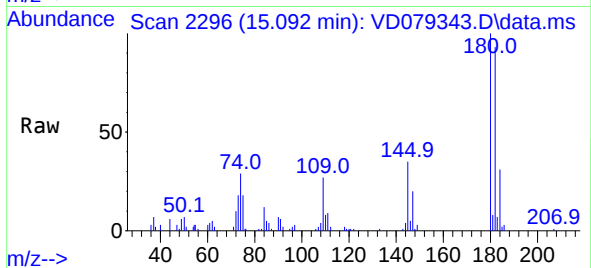




#93  
1,2,4-Trichlorobenzene  
Concen: 19.310 ug/l  
RT: 15.092 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

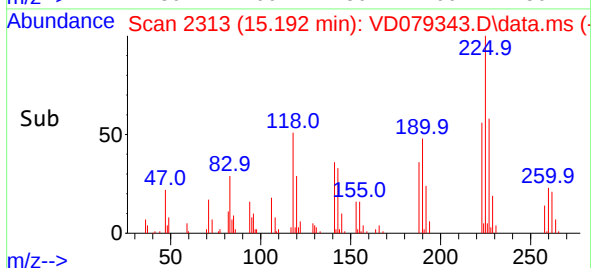
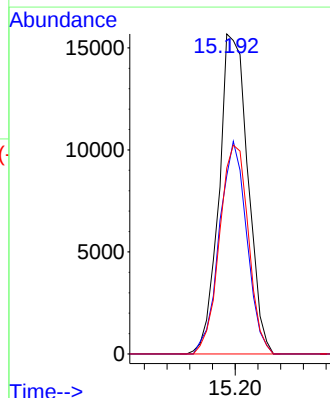
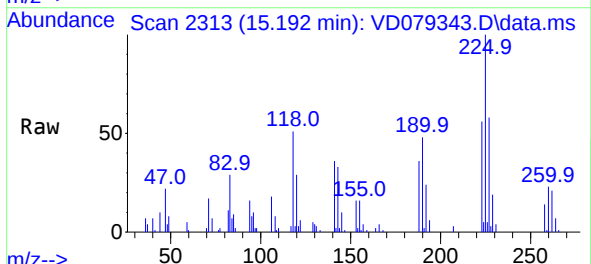
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

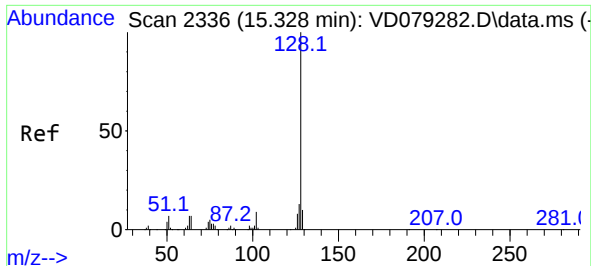
Tgt Ion:180 Resp: 49561  
Ion Ratio Lower Upper  
180 100  
182 94.4 46.9 140.7  
145 32.7 14.0 41.9



#94  
Hexachlorobutadiene  
Concen: 20.293 ug/l  
RT: 15.192 min Scan# 2313  
Delta R.T. -0.006 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

Tgt Ion:225 Resp: 27623  
Ion Ratio Lower Upper  
225 100  
223 63.2 33.3 99.9  
227 65.2 33.6 100.6

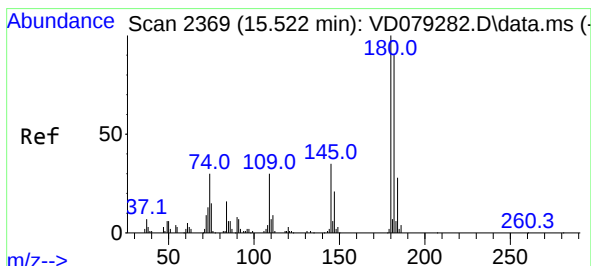
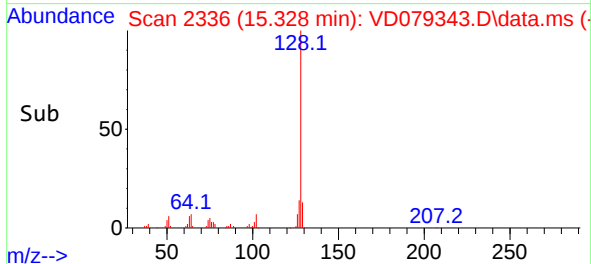
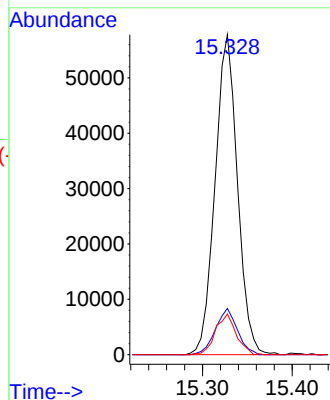
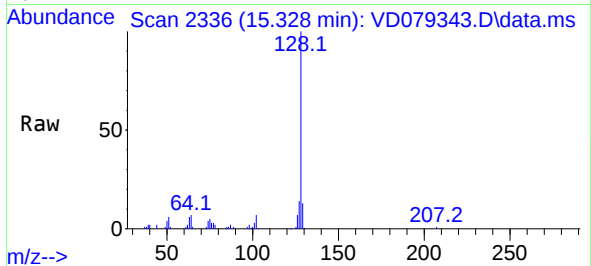




#95  
Naphthalene  
Concen: 19.610 ug/l  
RT: 15.328 min Scan# 2336  
Delta R.T. -0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

Tgt Ion:128 Resp: 100057  
Ion Ratio Lower Upper  
128 100  
127 14.4 10.2 15.4  
129 12.7 8.5 12.7



#96  
1,2,3-Trichlorobenzene  
Concen: 19.685 ug/l  
RT: 15.516 min Scan# 2368  
Delta R.T. -0.000 min  
Lab File: VD079343.D  
Acq: 08 Jul 2024 15:21

Tgt Ion:180 Resp: 45132  
Ion Ratio Lower Upper  
180 100  
182 92.8 47.8 143.3  
145 34.5 16.1 48.2

