

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD100722\  
 Data File : VD074482.D  
 Acq On : 07 Oct 2022 10:35  
 Operator : VA/SY  
 Sample : VD1007SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Oct 08 02:23:23 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D100522S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 06 01:54:40 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc      | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|-----------|--------|----------|
| -----                        |        |       |          |           |        |          |
| Internal Standards           |        |       |          |           |        |          |
| 1) Pentafluorobenzene        | 7.875  | 168   | 91672    | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.775  | 114   | 158906   | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.581 | 117   | 146503   | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.516 | 152   | 69152    | 50.000    | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |           |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.228  | 65    | 41602    | 51.078    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery  | =      | 102.160% |
| 35) Dibromofluoromethane     | 7.805  | 113   | 49336    | 47.083    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery  | =      | 94.160%  |
| 50) Toluene-d8               | 10.269 | 98    | 202219   | 52.732    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery  | =      | 105.460% |
| 62) 4-Bromofluorobenzene     | 12.569 | 95    | 56243    | 47.207    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery  | =      | 94.420%  |
| Target Compounds             |        |       |          |           |        |          |
|                              |        |       |          |           | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.928  | 85    | 15232    | 18.827    | ug/l   | 94       |
| 3) Chloromethane             | 2.146  | 50    | 22958    | 20.567    | ug/l   | 91       |
| 4) Vinyl Chloride            | 2.281  | 62    | 19776    | 20.409    | ug/l   | 94       |
| 5) Bromomethane              | 2.675  | 94    | 12956    | 22.851    | ug/l   | 99       |
| 6) Chloroethane              | 2.828  | 64    | 13384    | 20.972    | ug/l   | 97       |
| 7) Trichlorofluoromethane    | 3.170  | 101   | 32713    | 20.618    | ug/l   | 93       |
| 8) Diethyl Ether             | 3.587  | 74    | 9103     | 18.553    | ug/l   | 93       |
| 9) 1,1,2-Trichlorotrifluo... | 3.964  | 101   | 21511    | 20.979    | ug/l   | 96       |
| 10) Methyl Iodide            | 4.158  | 142   | 18347    | 17.547    | ug/l   | 99       |
| 11) Tert butyl alcohol       | 5.028  | 59    | 5768     | Below Cal | #      | 84       |
| 12) 1,1-Dichloroethene       | 3.940  | 96    | 22470    | 20.799    | ug/l   | 92       |
| 13) Acrolein                 | 3.793  | 56    | 5525     | 102.814   | ug/l   | 95       |
| 14) Allyl chloride           | 4.564  | 41    | 23144    | 18.715    | ug/l   | 98       |
| 15) Acrylonitrile            | 5.258  | 53    | 19614    | 100.543   | ug/l   | 96       |
| 16) Acetone                  | 4.022  | 43    | 15260    | 78.522    | ug/l   | 98       |
| 17) Carbon Disulfide         | 4.269  | 76    | 68864    | 20.198    | ug/l   | 97       |
| 18) Methyl Acetate           | 4.558  | 43    | 10108    | 20.429    | ug/l   | 98       |
| 19) Methyl tert-butyl Ether  | 5.311  | 73    | 41292    | 19.394    | ug/l   | 95       |
| 20) Methylene Chloride       | 4.805  | 84    | 28746    | 19.746    | ug/l   | 94       |
| 21) trans-1,2-Dichloroethene | 5.311  | 96    | 24301    | 20.337    | ug/l   | 97       |
| 22) Diisopropyl ether        | 6.211  | 45    | 50690    | 20.111    | ug/l   | 96       |
| 23) Vinyl Acetate            | 6.152  | 43    | 95262    | 82.157    | ug/l   | 94       |
| 24) 1,1-Dichloroethane       | 6.111  | 63    | 37609    | 20.560    | ug/l   | 98       |
| 25) 2-Butanone               | 7.087  | 43    | 21044    | 90.077    | ug/l   | 99       |
| 26) 2,2-Dichloropropane      | 7.069  | 77    | 32266    | 19.967    | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 7.075  | 96    | 25770    | 20.389    | ug/l   | 99       |
| 28) Bromochloromethane       | 7.416  | 49    | 10846    | 20.085    | ug/l   | 89       |
| 29) Tetrahydrofuran          | 7.440  | 42    | 12266    | 93.849    | ug/l   | 97       |
| 30) Chloroform               | 7.593  | 83    | 38247    | 20.234    | ug/l   | 94       |
| 31) Cyclohexane              | 7.869  | 56    | 30742    | 18.791    | ug/l   | 93       |
| 32) 1,1,1-Trichloroethane    | 7.793  | 97    | 33626    | 20.140    | ug/l   | 95       |
| 36) 1,1-Dichloropropene      | 8.005  | 75    | 30202    | 20.534    | ug/l   | 96       |
| 37) Ethyl Acetate            | 7.175  | 43    | 9230     | 19.111    | ug/l   | 96       |
| 38) Carbon Tetrachloride     | 7.993  | 117   | 26810    | 20.570    | ug/l   | 89       |
| 39) Methylcyclohexane        | 9.269  | 83    | 35654    | 19.769    | ug/l   | 92       |
| 40) Benzene                  | 8.252  | 78    | 87259    | 20.428    | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD100722\  
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 Acq On : 07 Oct 2022 10:35  
 Operator : VA/SY  
 Sample : VD1007SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Oct 08 02:23:23 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D100522S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 06 01:54:40 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.405  | 41   | 5019     | 18.991  | ug/l # | 95       |
| 42) 1,2-Dichloroethane        | 8.328  | 62   | 19524    | 19.307  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.363  | 43   | 16857    | 18.302  | ug/l   | 100      |
| 44) Trichloroethene           | 9.028  | 130  | 24967    | 20.801  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.305  | 63   | 19417    | 19.578  | ug/l   | 93       |
| 46) Dibromomethane            | 9.393  | 93   | 11418    | 20.789  | ug/l   | 89       |
| 47) Bromodichloromethane      | 9.581  | 83   | 27960    | 20.383  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.375  | 41   | 8666     | 20.214  | ug/l   | 90       |
| 49) 1,4-Dioxane               | 9.381  | 88   | 2333     | 398.833 | ug/l # | 88       |
| 51) 4-Methyl-2-Pentanone      | 10.157 | 43   | 44514    | 97.230  | ug/l   | 97       |
| 52) Toluene                   | 10.334 | 92   | 57925    | 21.454  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.552 | 75   | 23509    | 18.776  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.016 | 75   | 30212    | 19.584  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.734 | 97   | 16261    | 21.056  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.599 | 69   | 17457    | 20.093  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.875 | 76   | 25419    | 20.424  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.863  | 63   | 10170    | 70.052  | ug/l   | 97       |
| 59) 2-Hexanone                | 10.916 | 43   | 30773    | 98.015  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.069 | 129  | 19022    | 21.136  | ug/l   | 96       |
| 61) 1,2-Dibromoethane         | 11.175 | 107  | 14605    | 20.464  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.810 | 164  | 20711    | 20.376  | ug/l   | 92       |
| 65) Chlorobenzene             | 11.604 | 112  | 58684    | 20.044  | ug/l   | 94       |
| 66) 1,1,1,2-Tetrachloroethane | 11.675 | 131  | 20204    | 20.512  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.681 | 91   | 106527   | 20.186  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.793 | 106  | 84979    | 40.977  | ug/l   | 99       |
| 69) o-Xylene                  | 12.116 | 106  | 38055    | 19.972  | ug/l   | 99       |
| 70) Styrene                   | 12.134 | 104  | 67760    | 20.756  | ug/l   | 98       |
| 71) Bromoform                 | 12.298 | 173  | 10622    | 20.511  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.416 | 105  | 103210   | 20.294  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.234 | 43   | 16638    | 19.131  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.669 | 83   | 17031    | 20.145  | ug/l   | 94       |
| 76) 1,2,3-Trichloropropane    | 12.722 | 75   | 20012    | 37.699  | ug/l # | 1        |
| 77) Bromobenzene              | 12.698 | 156  | 23487    | 20.314  | ug/l   | 96       |
| 78) n-propylbenzene           | 12.757 | 91   | 126734   | 20.397  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.845 | 91   | 67661    | 20.446  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.898 | 105  | 85940    | 20.455  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.469 | 75   | 4044     | 16.997  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 12.945 | 91   | 69516    | 20.576  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.163 | 119  | 73930    | 20.450  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.210 | 105  | 84313    | 20.423  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.340 | 105  | 114521   | 20.564  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.457 | 119  | 94444    | 20.559  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.457 | 146  | 47617    | 20.350  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.534 | 146  | 47732    | 20.492  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.781 | 91   | 88190    | 20.496  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.051 | 117  | 16272    | 19.967  | ug/l   | 91       |
| 91) 1,2-Dichlorobenzene       | 13.828 | 146  | 40431    | 20.315  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.440 | 75   | 2272     | 18.347  | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 15.092 | 180  | 25617    | 19.835  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.192 | 225  | 13958    | 20.732  | ug/l   | 95       |
| 95) Naphthalene               | 15.328 | 128  | 46604    | 18.913  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.516 | 180  | 22026    | 19.689  | ug/l   | 99       |

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Acq On : 07 Oct 2022 10:35  
Operator : VA/SY  
Sample : VD1007SBS01  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Oct 08 02:23:23 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D100522S.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 06 01:54:40 2022  
Response via : Initial Calibration

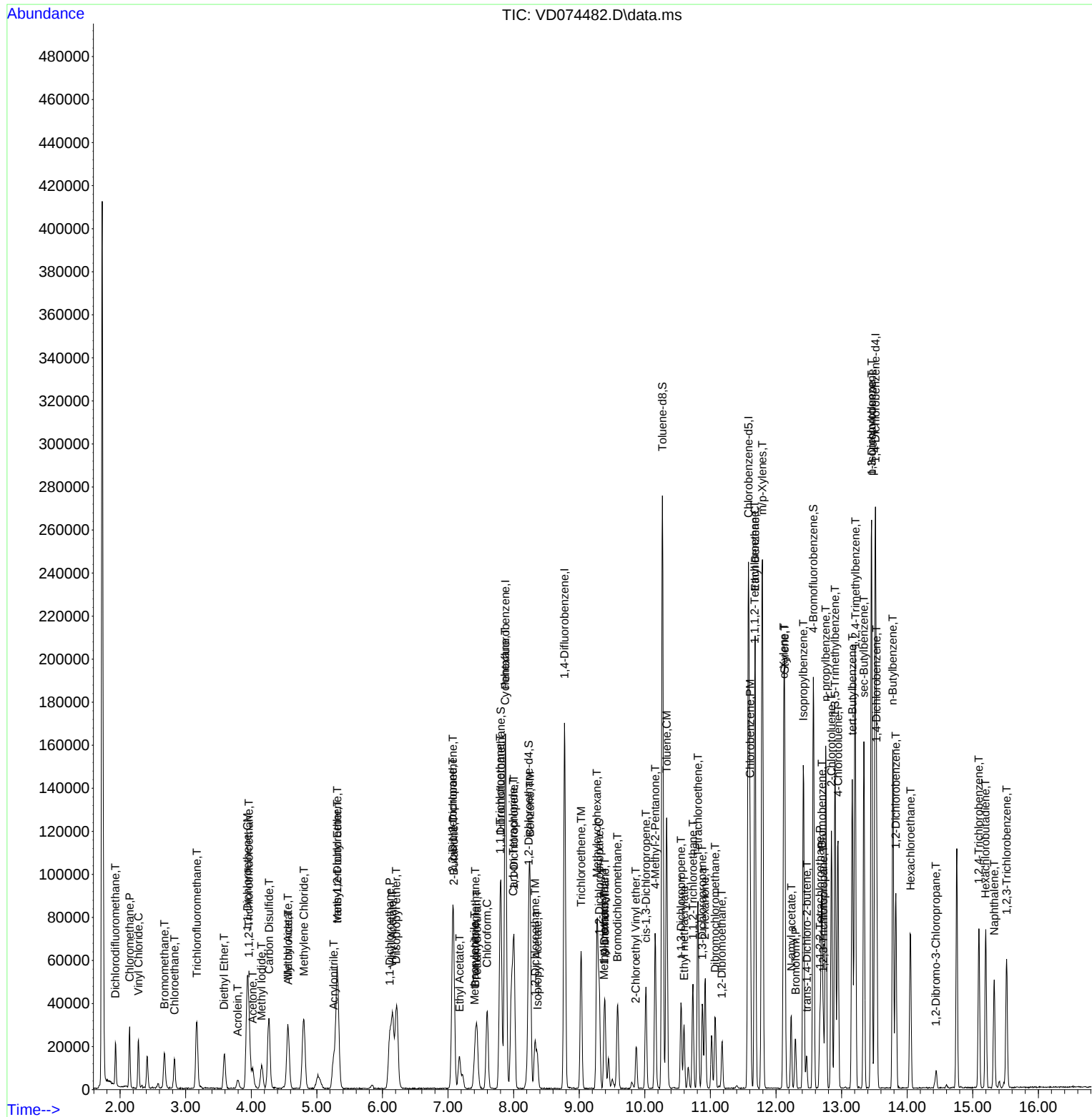
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

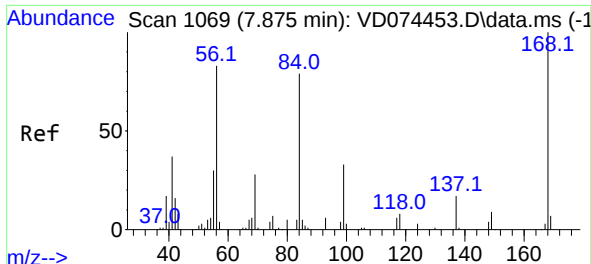
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD100722\  
 Data File : VD074482.D  
 Acq On : 07 Oct 2022 10:35  
 Operator : VA/SY  
 Sample : VD1007SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Oct 08 02:23:23 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D100522S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 06 01:54:40 2022  
 Response via : Initial Calibration

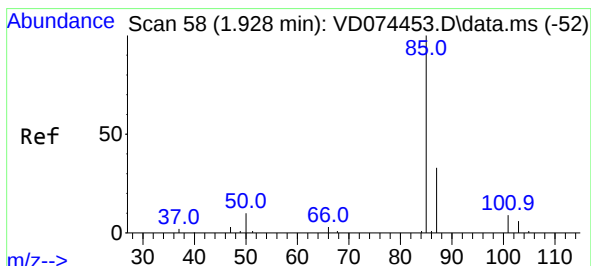
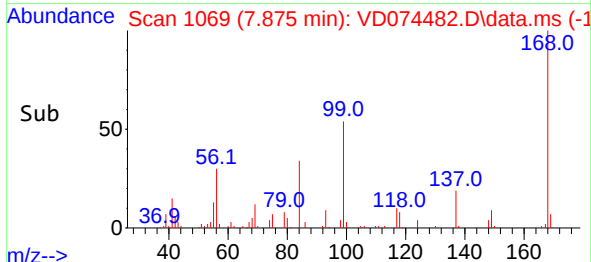
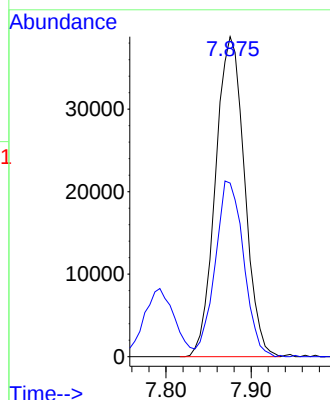
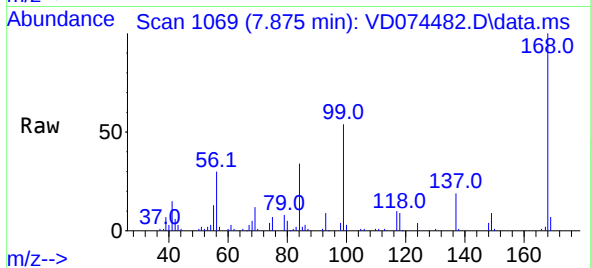




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.875 min Scan# 1069  
Delta R.T. 0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

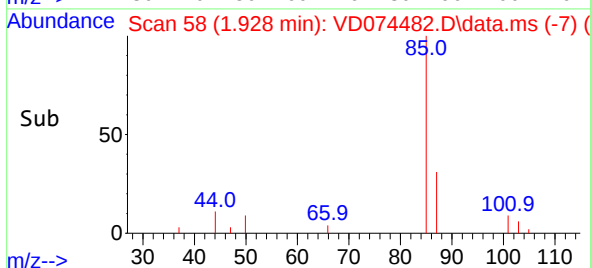
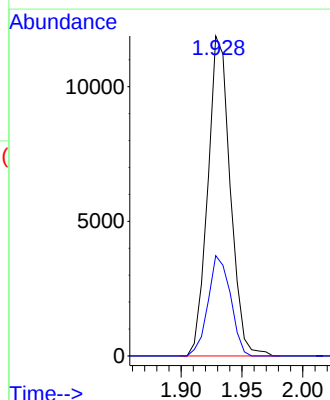
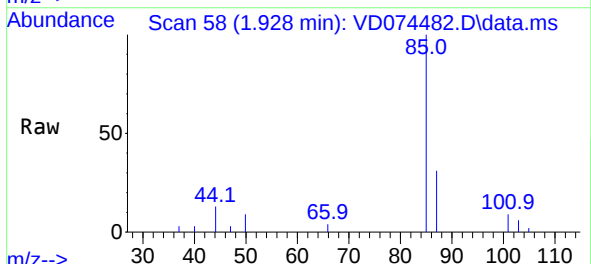
Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion:168 Resp: 91672  
Ion Ratio Lower Upper  
168 100  
99 53.8 40.9 61.3

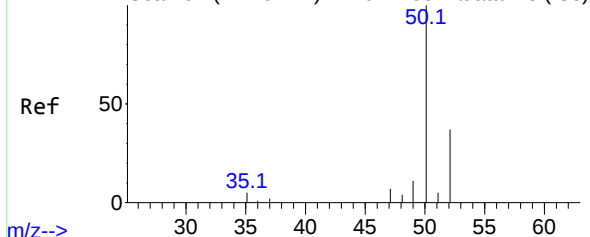


#2  
Dichlorodifluoromethane  
Concen: 18.827 ug/l  
RT: 1.928 min Scan# 58  
Delta R.T. 0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

Tgt Ion: 85 Resp: 15232  
Ion Ratio Lower Upper  
85 100  
87 31.3 17.5 52.6



Abundance Scan 94 (2.140 min): VD074453.D\data.ms (-88)



#3

Chloromethane

Concen: 20.567 ug/l

RT: 2.146 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD074482.D

Acq: 07 Oct 2022 10:35

Instrument :

MSVOA\_D

ClientSampleId :

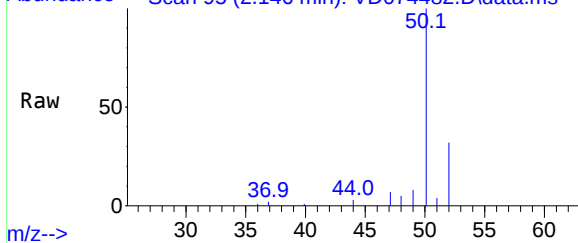
Tgt Ion: 50 Resp: 22958

Ion Ratio Lower Upper

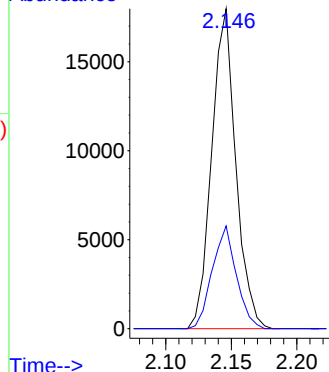
50 100

52 32.1 30.0 45.0

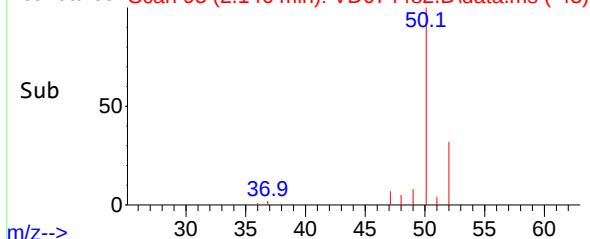
Abundance Scan 95 (2.146 min): VD074482.D\data.ms



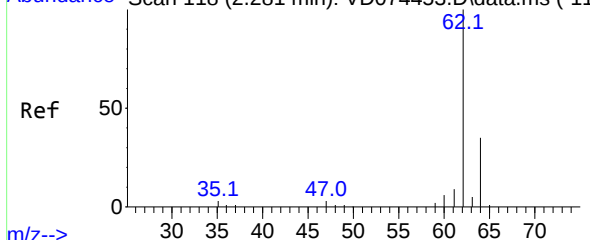
Abundance



Abundance Scan 95 (2.146 min): VD074482.D\data.ms (-43)



Abundance Scan 118 (2.281 min): VD074453.D\data.ms (-11)



#4

Vinyl Chloride

Concen: 20.409 ug/l

RT: 2.281 min Scan# 118

Delta R.T. 0.000 min

Lab File: VD074482.D

Acq: 07 Oct 2022 10:35

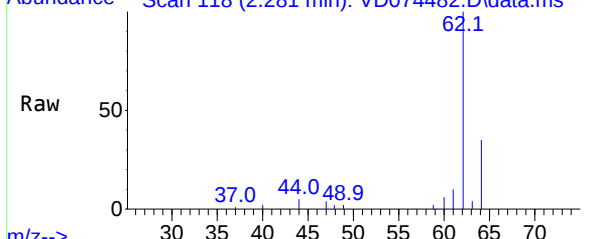
Tgt Ion: 62 Resp: 19776

Ion Ratio Lower Upper

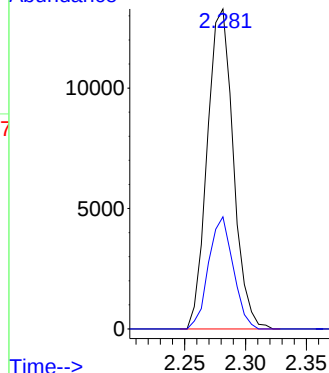
62 100

64 35.1 25.5 38.3

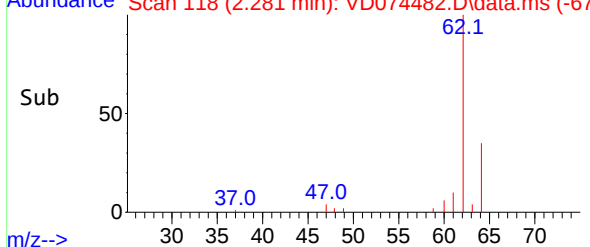
Abundance Scan 118 (2.281 min): VD074482.D\data.ms

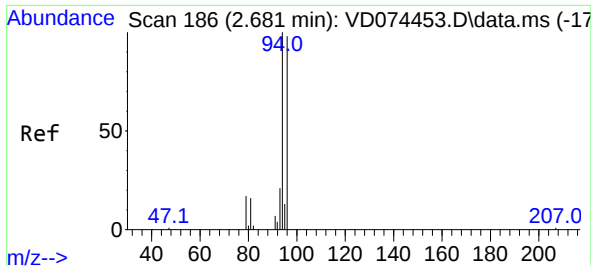


Abundance



Abundance Scan 118 (2.281 min): VD074482.D\data.ms (-67)

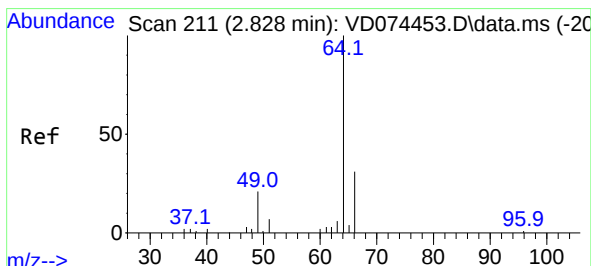
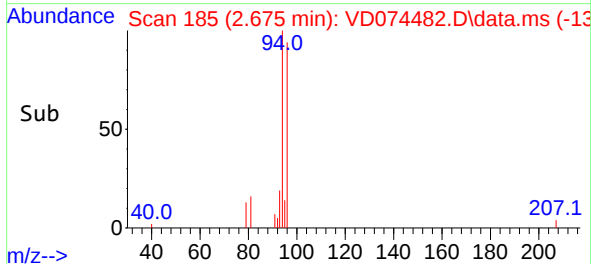
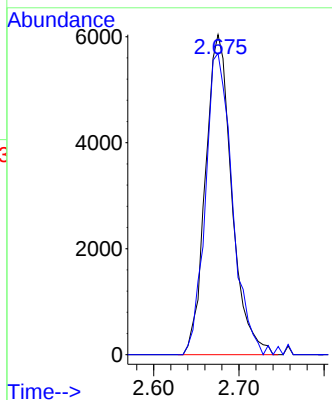
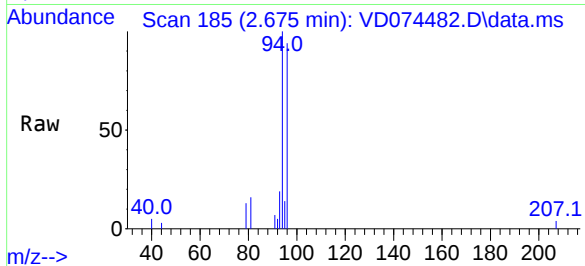




#5  
Bromomethane  
Concen: 22.851 ug/l  
RT: 2.675 min Scan# 185  
Delta R.T. -0.006 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

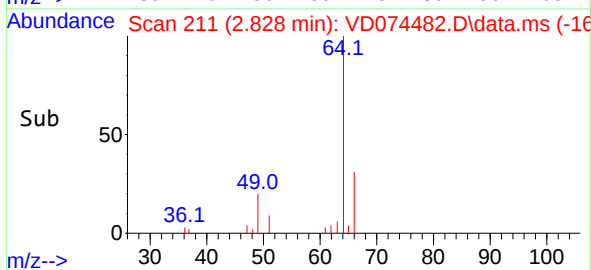
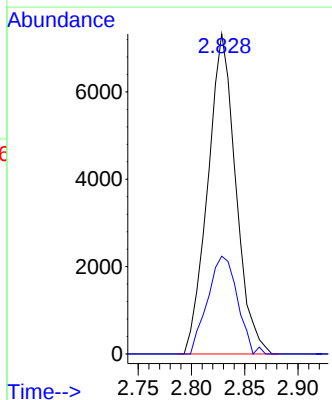
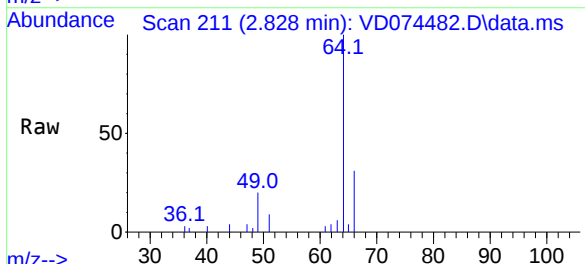
Instrument :  
MSVOA\_D  
ClientSampleId :

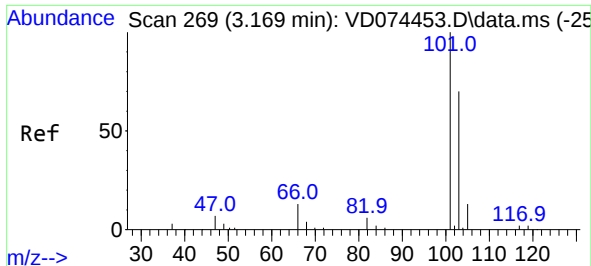
Tgt Ion: 94 Resp: 12956  
Ion Ratio Lower Upper  
94 100  
96 94.2 74.6 112.0



#6  
Chloroethane  
Concen: 20.972 ug/l  
RT: 2.828 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

Tgt Ion: 64 Resp: 13384  
Ion Ratio Lower Upper  
64 100  
66 30.6 25.8 38.8

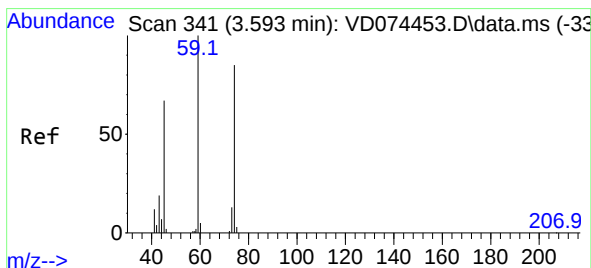
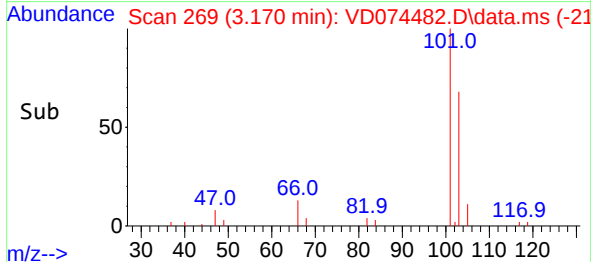
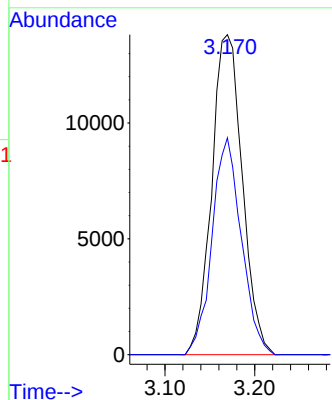
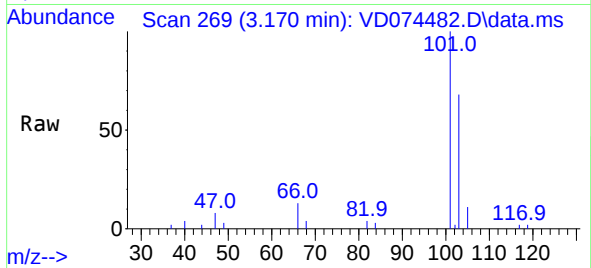




#7  
Trichlorofluoromethane  
Concen: 20.618 ug/l  
RT: 3.170 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

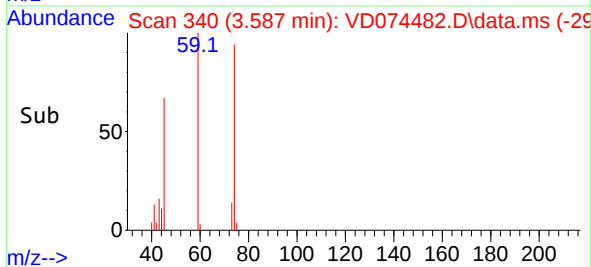
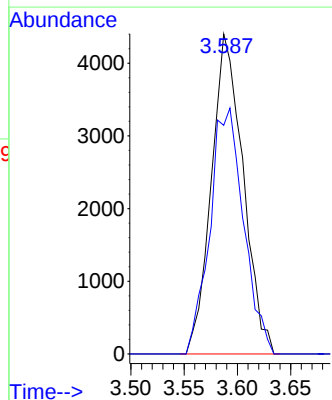
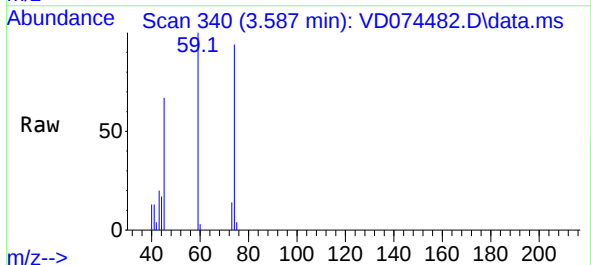
Instrument :  
MSVOA\_D  
ClientSampleId :

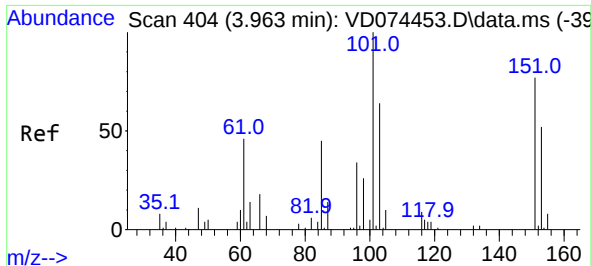
Tgt Ion:101 Resp: 32713  
Ion Ratio Lower Upper  
101 100  
103 67.8 49.8 74.8



#8  
Diethyl Ether  
Concen: 18.553 ug/l  
RT: 3.587 min Scan# 340  
Delta R.T. -0.006 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

Tgt Ion: 74 Resp: 9103  
Ion Ratio Lower Upper  
74 100  
45 81.7 37.9 113.6



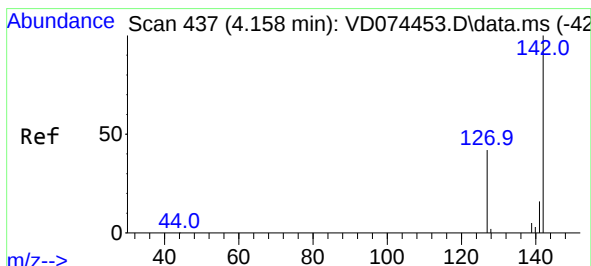
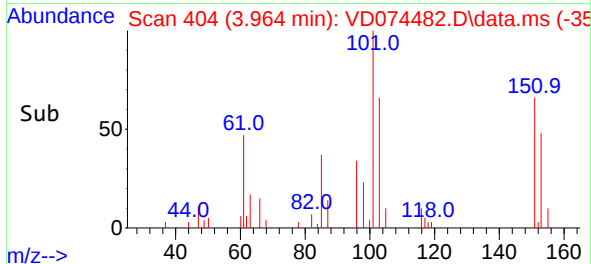
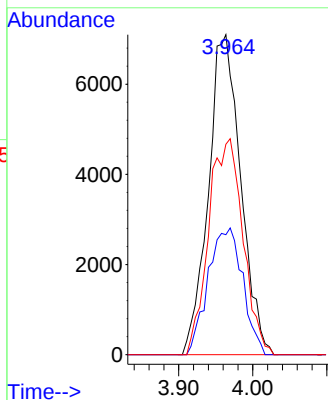
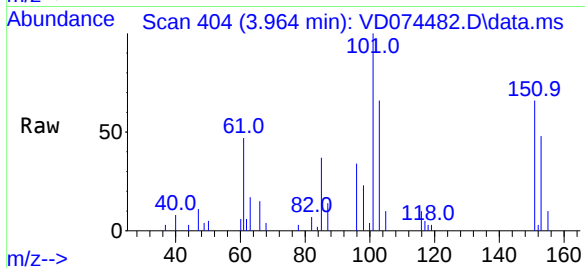


#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.979 ug/l  
RT: 3.964 min Scan# 404  
Delta R.T. 0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion:101 Resp: 21511

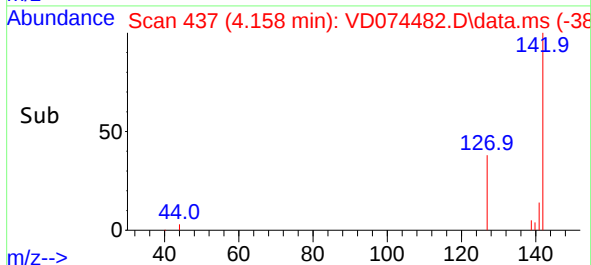
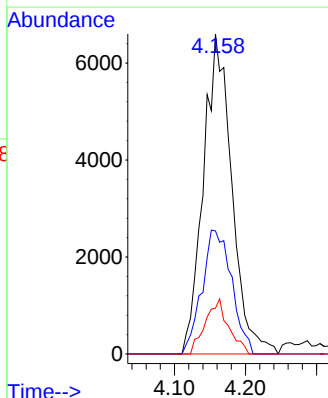
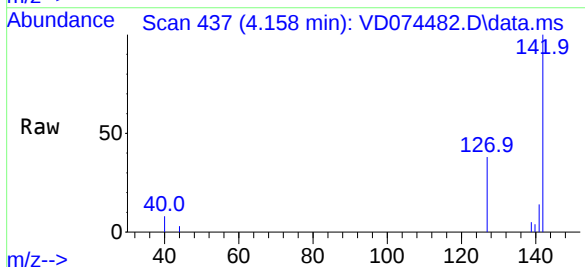
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 101 | 100   |       |       |
| 85  | 42.4  | 34.1  | 51.1  |
| 151 | 71.6  | 61.7  | 92.5  |

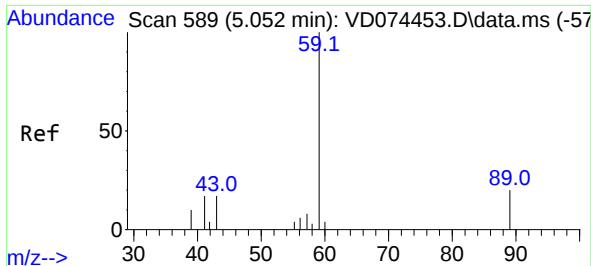


#10  
Methyl Iodide  
Concen: 17.547 ug/l  
RT: 4.158 min Scan# 437  
Delta R.T. -0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

Tgt Ion:142 Resp: 18347

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 127 | 40.4  | 31.9  | 47.9  |
| 141 | 14.0  | 11.4  | 17.2  |





#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.028 min Scan# 51

Delta R.T. -0.024 min

Lab File: VD074482.D

Acq: 07 Oct 2022 10:35

Instrument :

MSVOA\_D

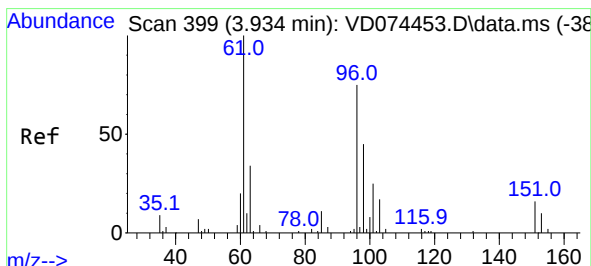
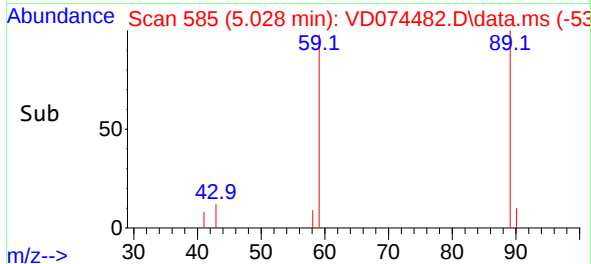
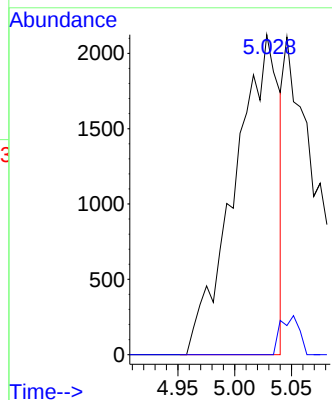
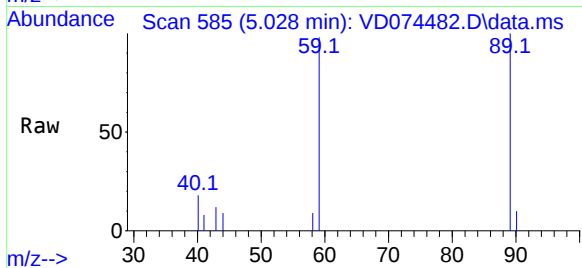
ClientSampleId :

Tgt Ion: 59 Resp: 5768

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#12

1,1-Dichloroethene

Concen: 20.799 ug/l

RT: 3.940 min Scan# 400

Delta R.T. 0.006 min

Lab File: VD074482.D

Acq: 07 Oct 2022 10:35

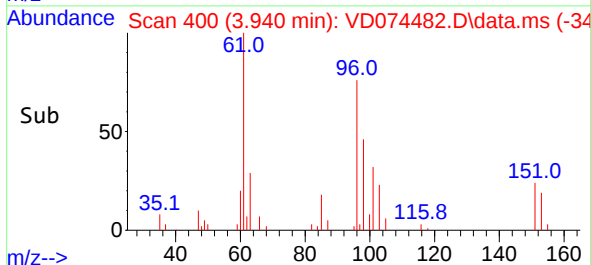
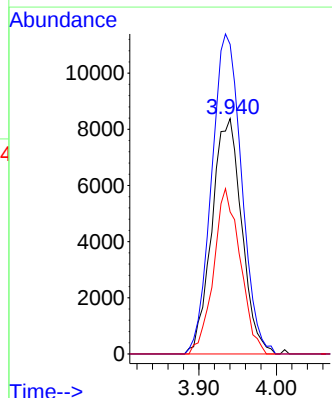
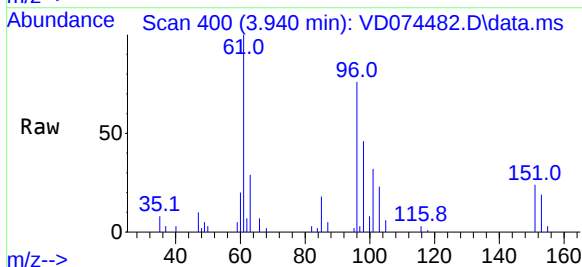
Tgt Ion: 96 Resp: 22470

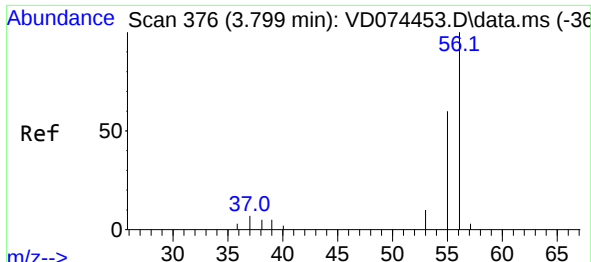
Ion Ratio Lower Upper

96 100

61 131.5 113.9 170.9

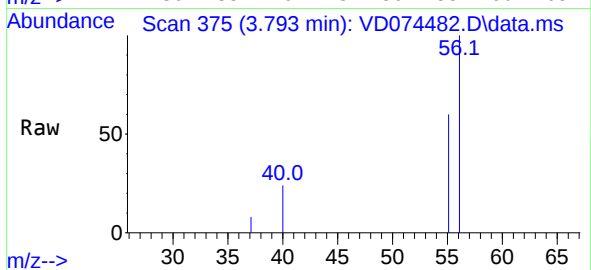
98 60.4 51.8 77.8



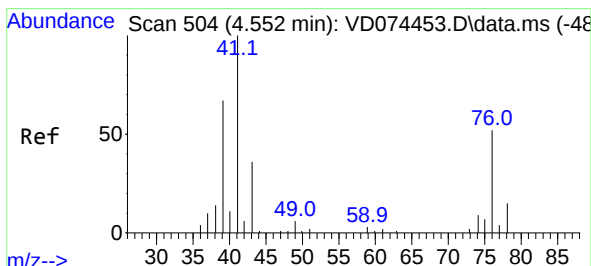
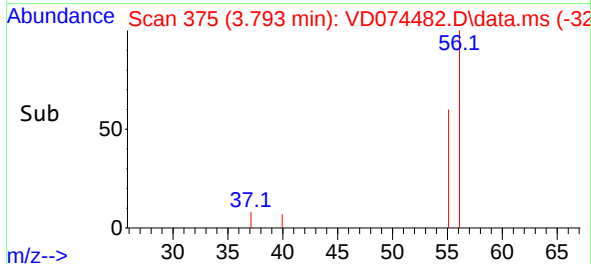
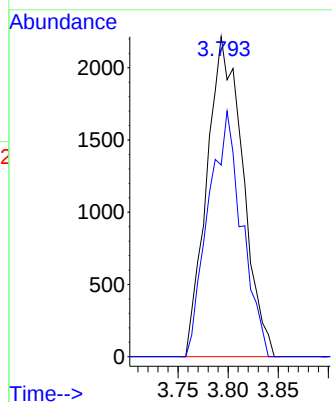


#13  
Acrolein  
Concen: 102.814 ug/l  
RT: 3.793 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

Instrument :  
MSVOA\_D  
ClientSampleId :

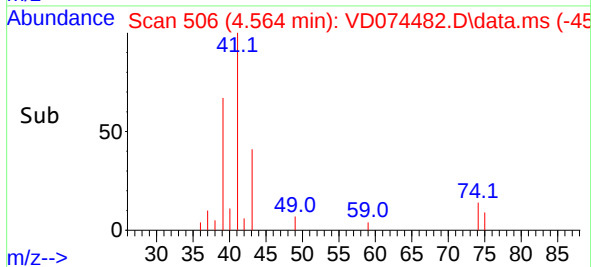
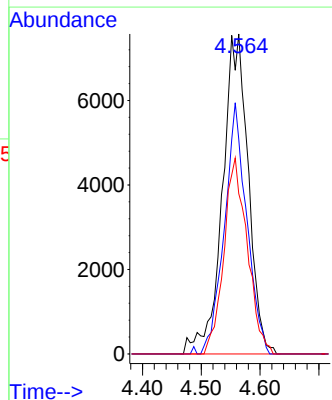
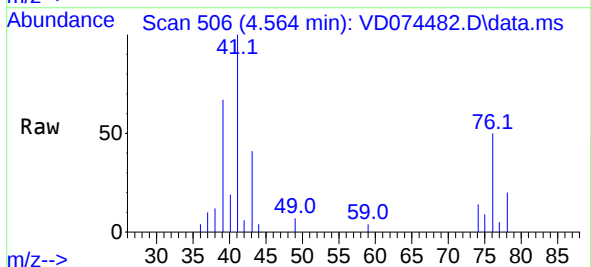


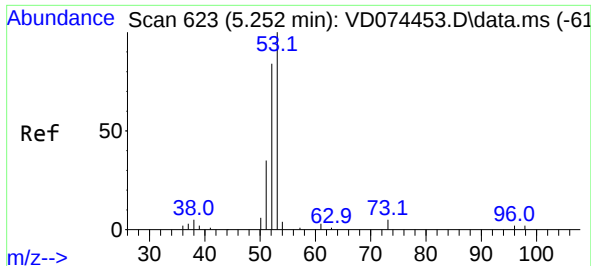
Tgt Ion: 56 Resp: 5525  
Ion Ratio Lower Upper  
56 100  
55 71.7 54.0 81.0



#14  
Allyl chloride  
Concen: 18.715 ug/l  
RT: 4.564 min Scan# 506  
Delta R.T. 0.012 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

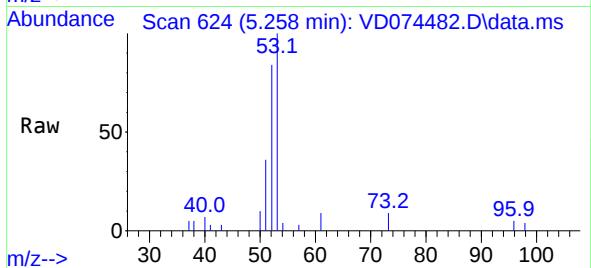
Tgt Ion: 41 Resp: 23144  
Ion Ratio Lower Upper  
41 100  
39 67.7 53.4 80.2  
76 55.4 42.4 63.6



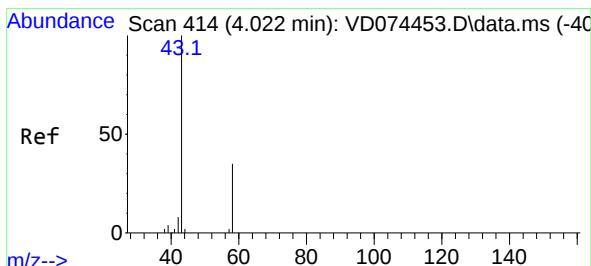
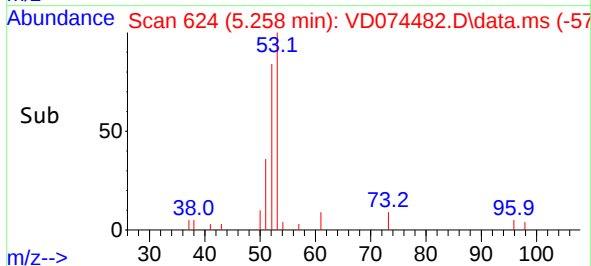
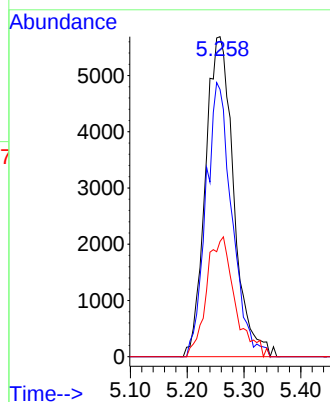


#15  
Acrylonitrile  
Concen: 100.543 ug/l  
RT: 5.258 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

Instrument :  
MSVOA\_D  
ClientSampleId :

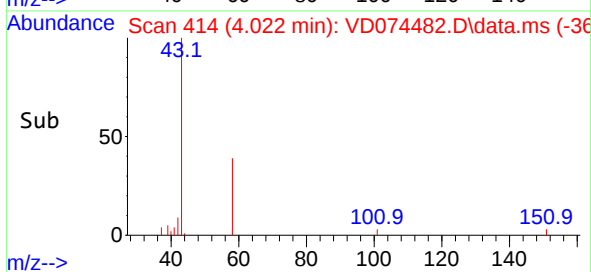
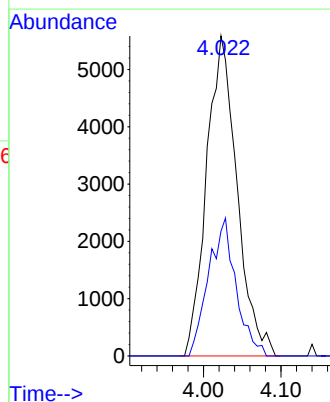
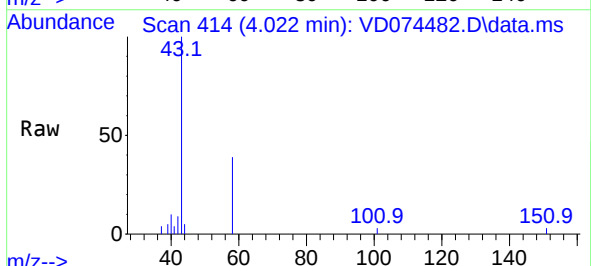


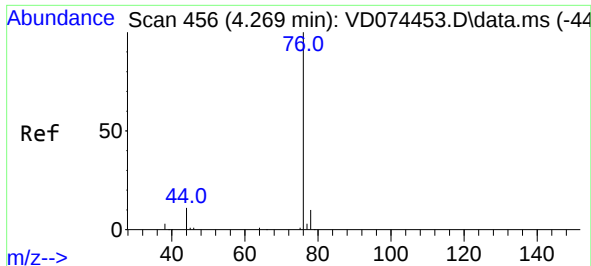
Tgt Ion: 53 Resp: 19614  
Ion Ratio Lower Upper  
53 100  
52 79.1 66.0 99.0  
51 37.5 28.3 42.5



#16  
Acetone  
Concen: 78.522 ug/l  
RT: 4.022 min Scan# 414  
Delta R.T. 0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

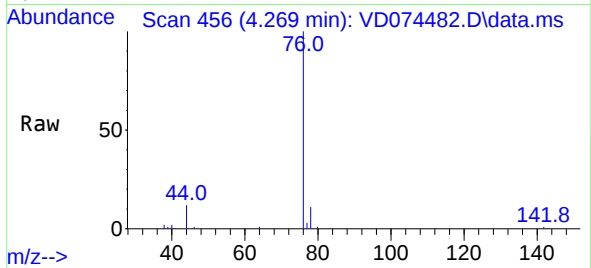
Tgt Ion: 43 Resp: 15260  
Ion Ratio Lower Upper  
43 100  
58 39.0 30.2 45.2



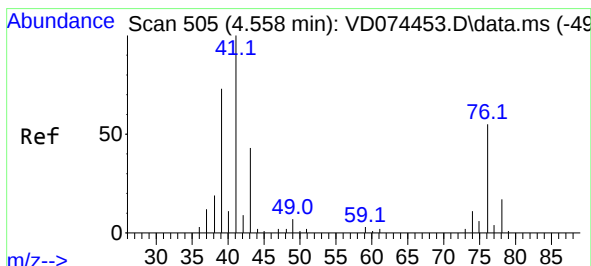
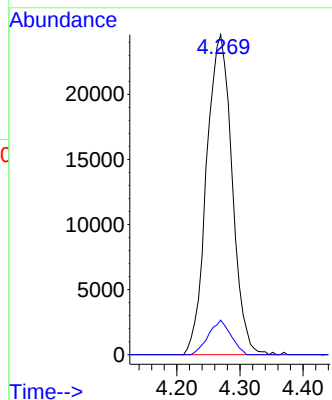
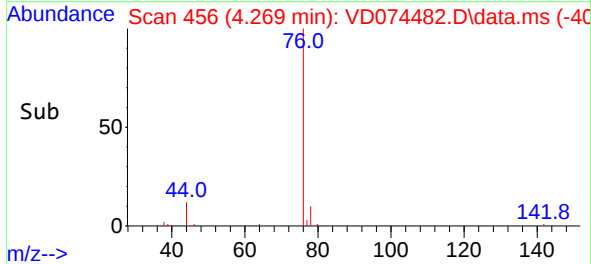


#17  
Carbon Disulfide  
Concen: 20.198 ug/l  
RT: 4.269 min Scan# 456  
Delta R.T. 0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

Instrument :  
MSVOA\_D  
ClientSampleId :

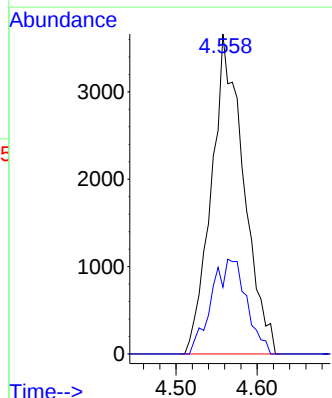
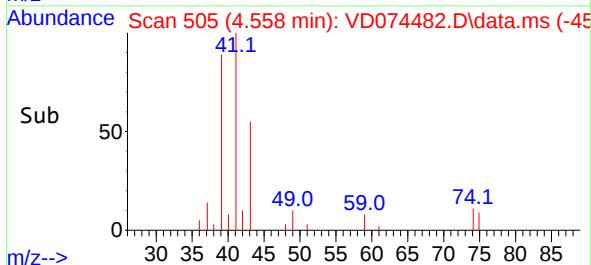
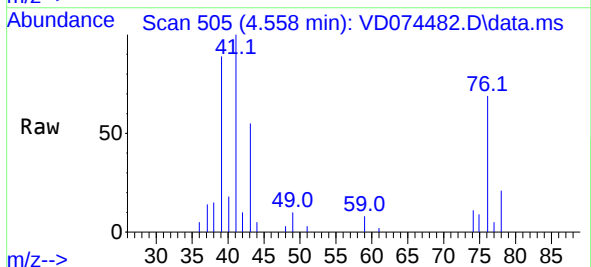


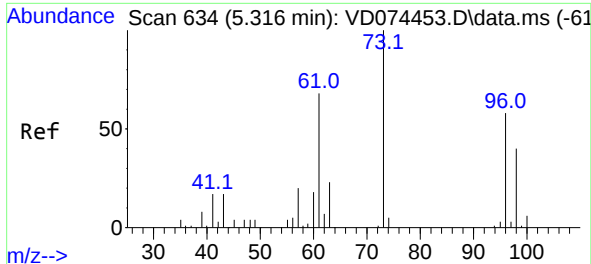
Tgt Ion: 76 Resp: 68864  
Ion Ratio Lower Upper  
76 100  
78 10.8 7.8 11.8



#18  
Methyl Acetate  
Concen: 20.429 ug/l  
RT: 4.558 min Scan# 505  
Delta R.T. 0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

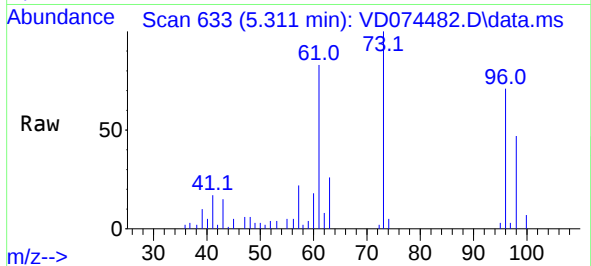
Tgt Ion: 43 Resp: 10108  
Ion Ratio Lower Upper  
43 100  
74 32.1 24.7 37.1



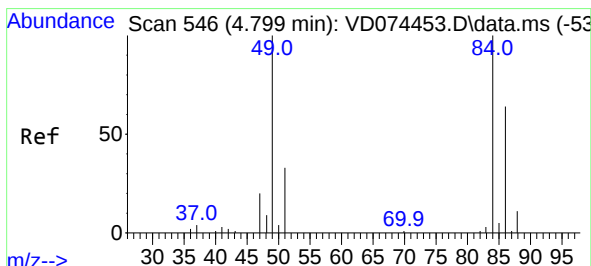
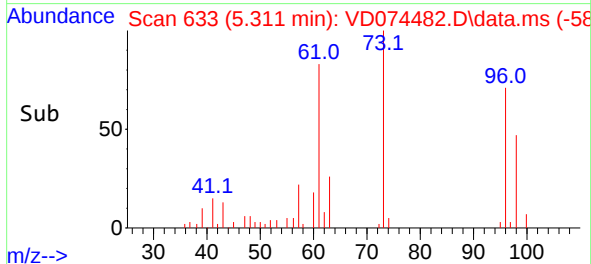
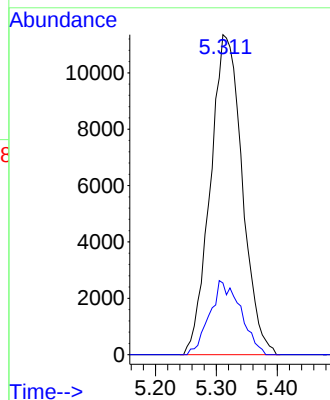


#19  
Methyl tert-butyl Ether  
Concen: 19.394 ug/l  
RT: 5.311 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

Instrument :  
MSVOA\_D  
ClientSampleId :

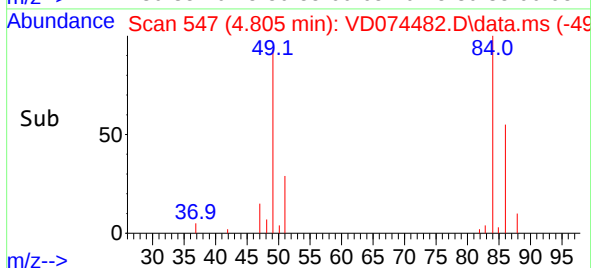
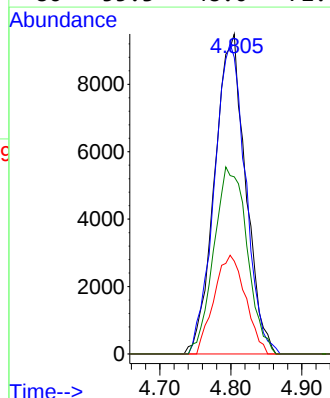
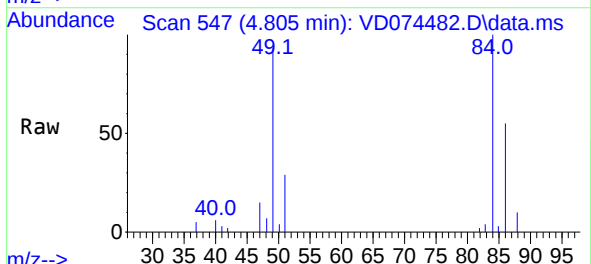


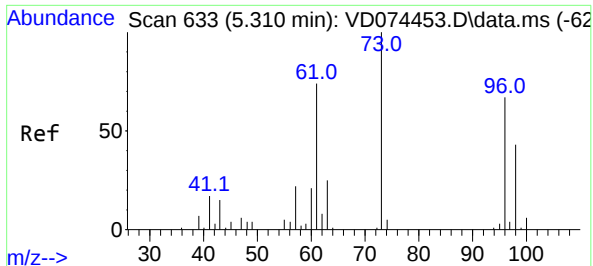
Tgt Ion: 73 Resp: 41292  
Ion Ratio Lower Upper  
73 100  
57 22.4 16.1 24.1



#20  
Methylene Chloride  
Concen: 19.746 ug/l  
RT: 4.805 min Scan# 547  
Delta R.T. 0.006 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

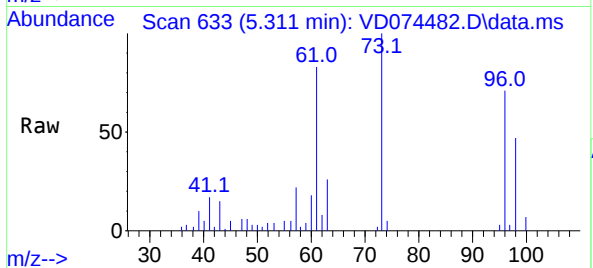
Tgt Ion: 84 Resp: 28746  
Ion Ratio Lower Upper  
84 100  
49 92.7 68.0 102.0  
51 29.0 23.2 34.8  
86 55.3 48.0 72.0



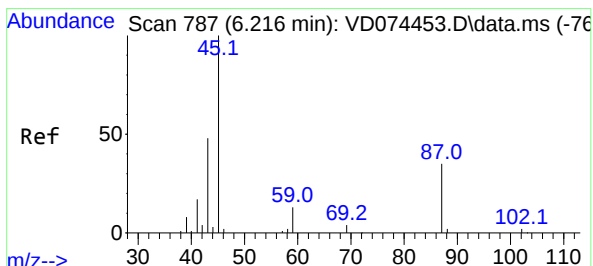
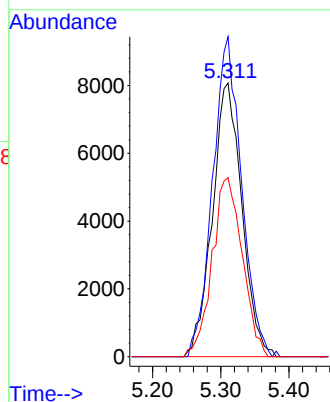
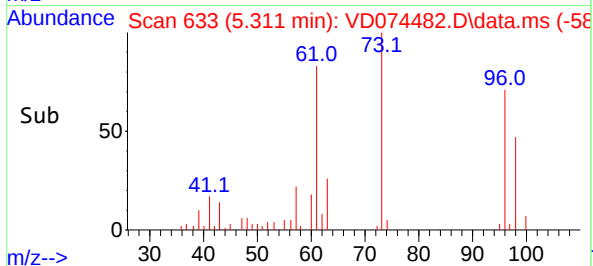


#21  
trans-1,2-Dichloroethene  
Concen: 20.337 ug/l  
RT: 5.311 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

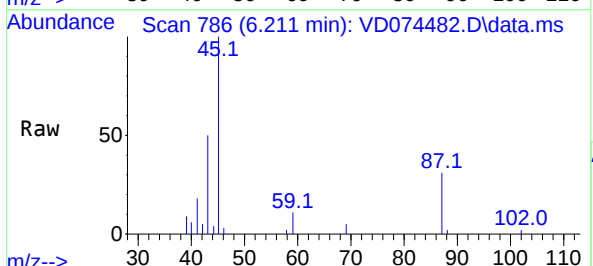
Instrument :  
MSVOA\_D  
ClientSampleId :



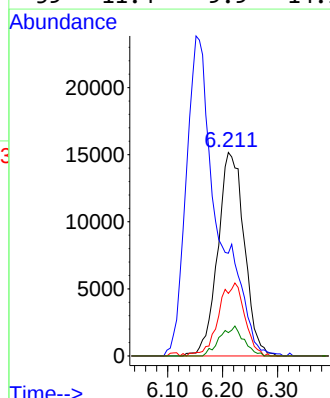
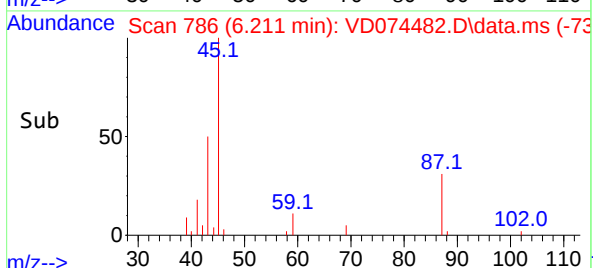
Tgt Ion: 96 Resp: 24301  
Ion Ratio Lower Upper  
96 100  
61 117.0 95.7 143.5  
98 65.4 54.8 82.2

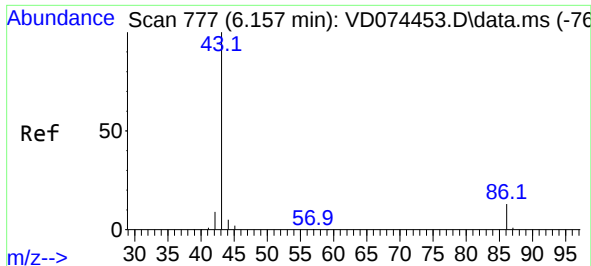


#22  
Diisopropyl ether  
Concen: 20.111 ug/l  
RT: 6.211 min Scan# 786  
Delta R.T. -0.006 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35



Tgt Ion: 45 Resp: 50690  
Ion Ratio Lower Upper  
45 100  
43 49.5 37.8 56.6  
87 30.7 26.6 40.0  
59 11.4 9.9 14.9

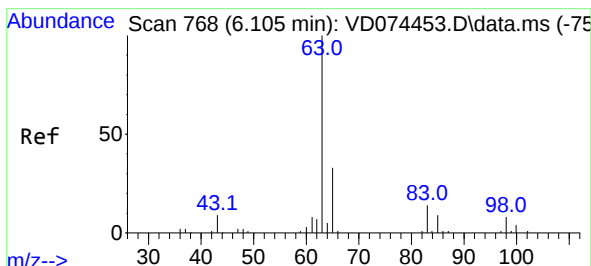
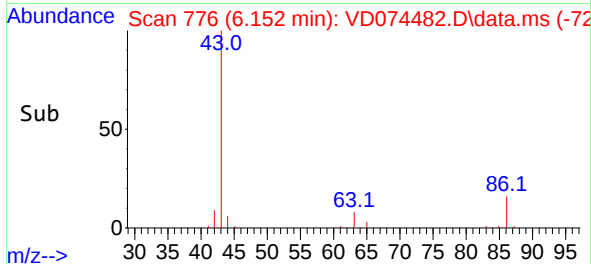
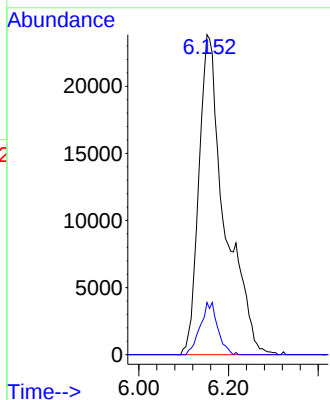
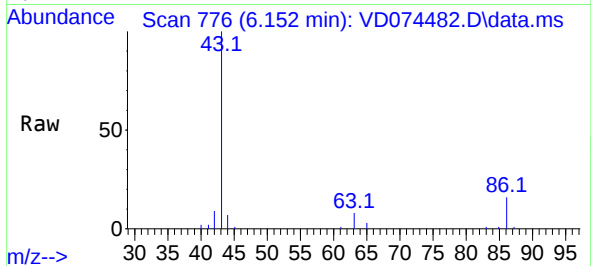




#23  
 Vinyl Acetate  
 Concen: 82.157 ug/l  
 RT: 6.152 min Scan# 71  
 Delta R.T. -0.006 min  
 Lab File: VD074482.D  
 Acq: 07 Oct 2022 10:35

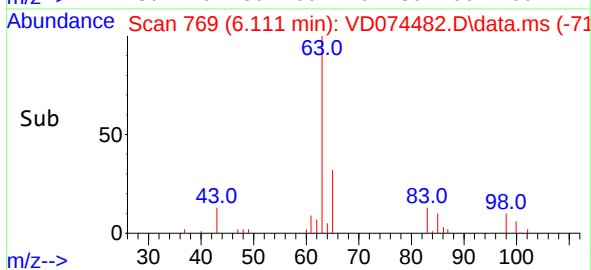
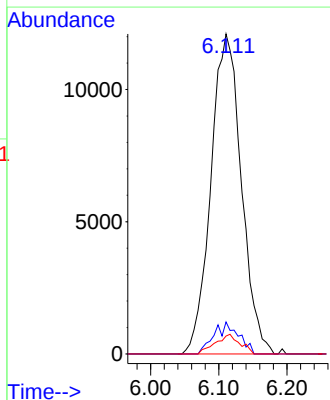
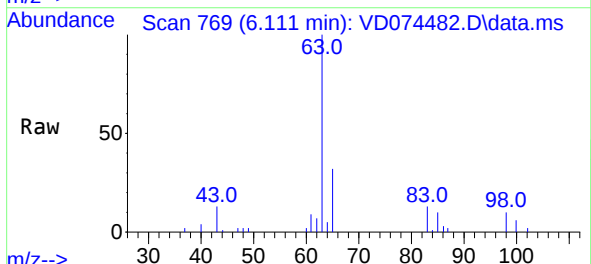
Instrument :  
 MSVOA\_D  
 ClientSampleId :

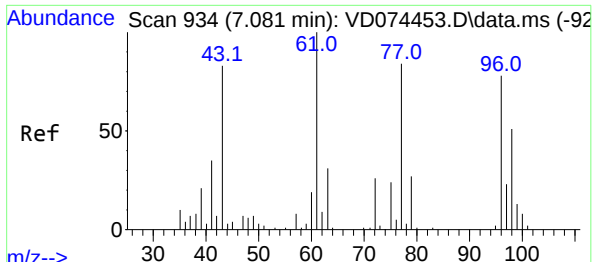
Tgt Ion: 43 Resp: 95262  
 Ion Ratio Lower Upper  
 43 100  
 86 16.3 11.2 16.8



#24  
 1,1-Dichloroethane  
 Concen: 20.560 ug/l  
 RT: 6.111 min Scan# 769  
 Delta R.T. 0.006 min  
 Lab File: VD074482.D  
 Acq: 07 Oct 2022 10:35

Tgt Ion: 63 Resp: 37609  
 Ion Ratio Lower Upper  
 63 100  
 98 10.0 4.6 13.8  
 100 5.6 2.9 8.6

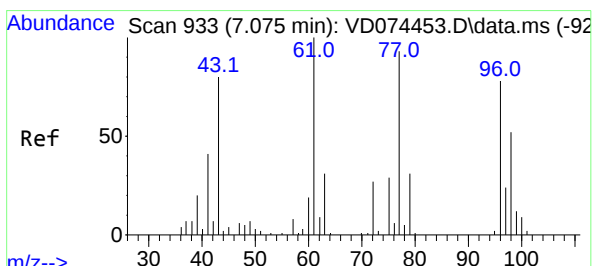
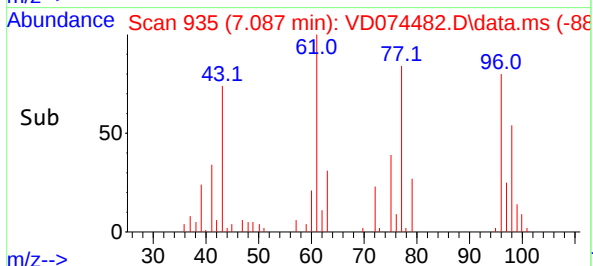
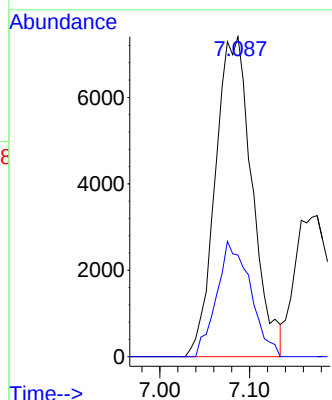
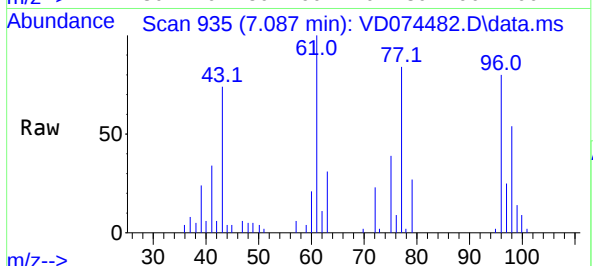




#25  
2-Butanone  
Concen: 90.077 ug/l  
RT: 7.087 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

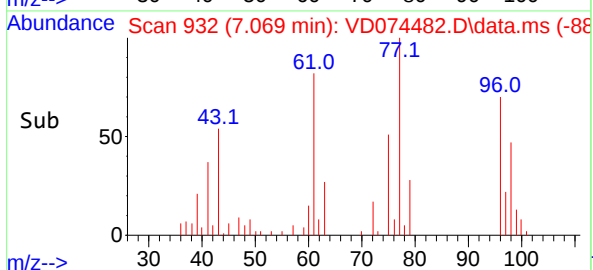
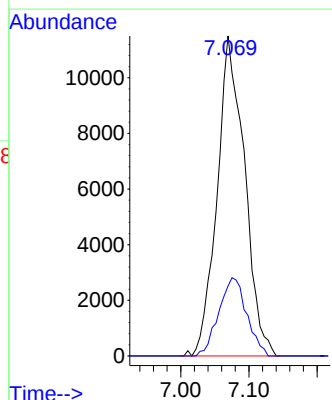
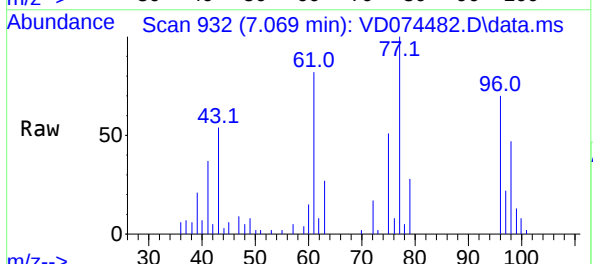
Instrument :  
MSVOA\_D  
ClientSampleId :

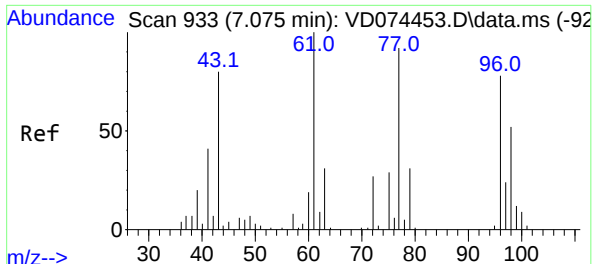
Tgt Ion: 43 Resp: 21044  
Ion Ratio Lower Upper  
43 100  
72 31.7 25.8 38.8



#26  
2,2-Dichloropropane  
Concen: 19.967 ug/l  
RT: 7.069 min Scan# 932  
Delta R.T. -0.006 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

Tgt Ion: 77 Resp: 32266  
Ion Ratio Lower Upper  
77 100  
97 24.8 12.5 37.5



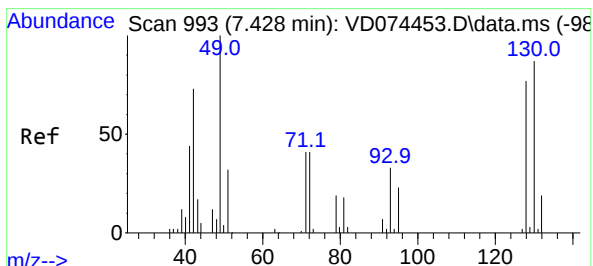
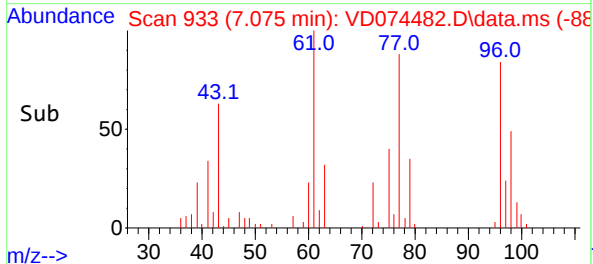
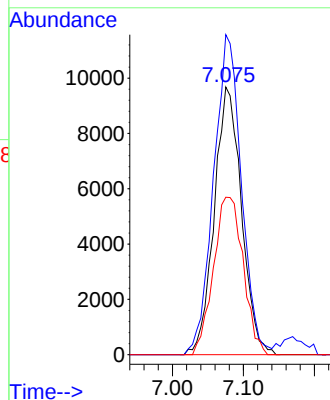
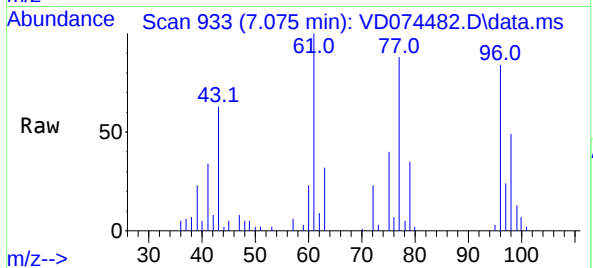


#27  
 cis-1,2-Dichloroethene  
 Concen: 20.389 ug/l  
 RT: 7.075 min Scan# 91  
 Delta R.T. 0.000 min  
 Lab File: VD074482.D  
 Acq: 07 Oct 2022 10:35

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tgt Ion: 96 Resp: 25770  

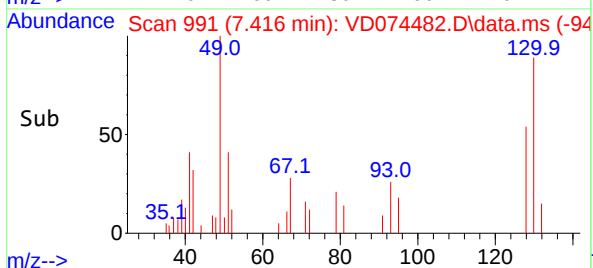
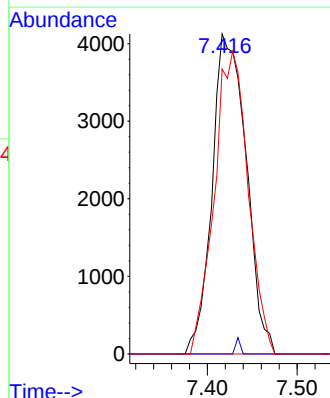
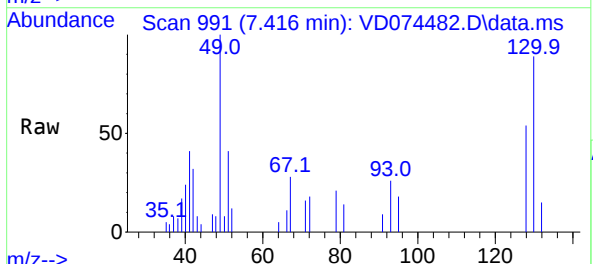
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 121.7 | 0.0   | 242.4 |
| 98  | 64.2  | 0.0   | 130.0 |

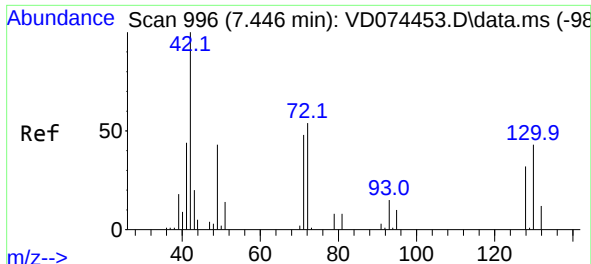


#28  
 Bromochloromethane  
 Concen: 20.085 ug/l  
 RT: 7.416 min Scan# 991  
 Delta R.T. -0.012 min  
 Lab File: VD074482.D  
 Acq: 07 Oct 2022 10:35

Tgt Ion: 49 Resp: 10846  

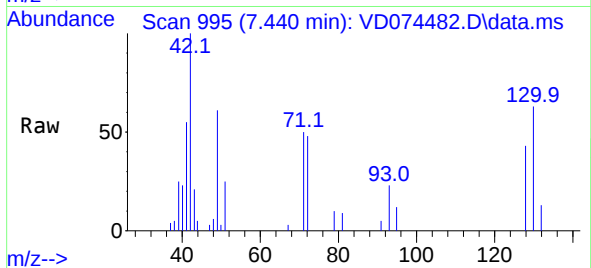
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 0.7   | 0.0   | 5.0   |
| 130 | 94.0  | 84.1  | 126.1 |



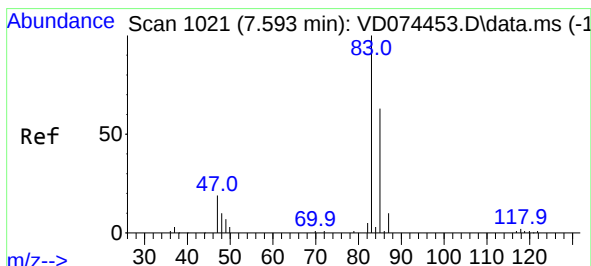
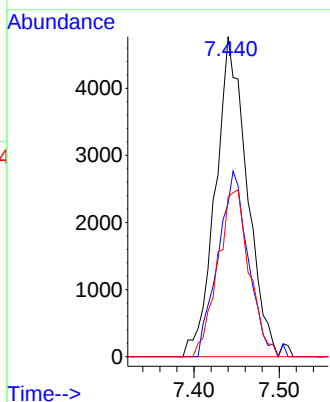
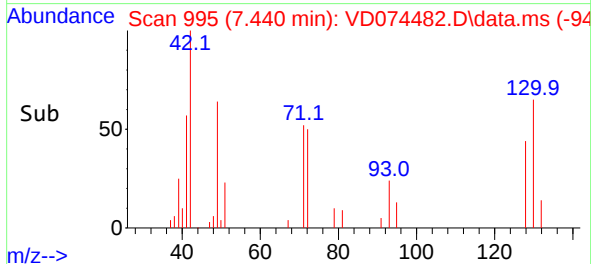


#29  
Tetrahydrofuran  
Concen: 93.849 ug/l  
RT: 7.440 min Scan# 996  
Delta R.T. -0.006 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

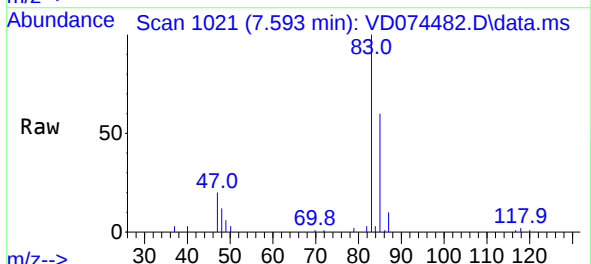
Instrument :  
MSVOA\_D  
ClientSampleId :



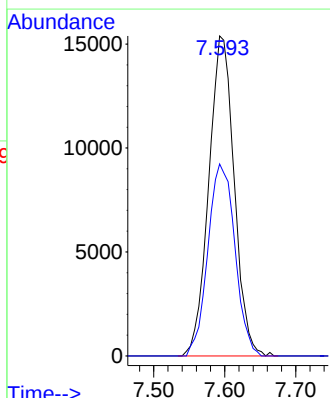
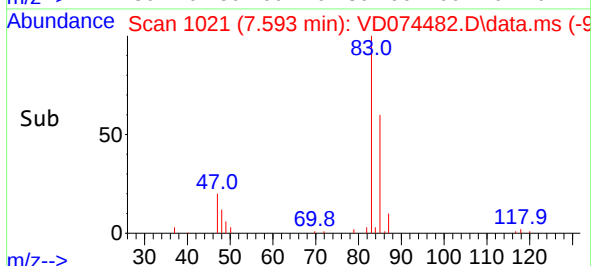
Tgt Ion: 42 Resp: 12266  
Ion Ratio Lower Upper  
42 100  
72 55.8 45.8 68.6  
71 52.4 44.6 66.8

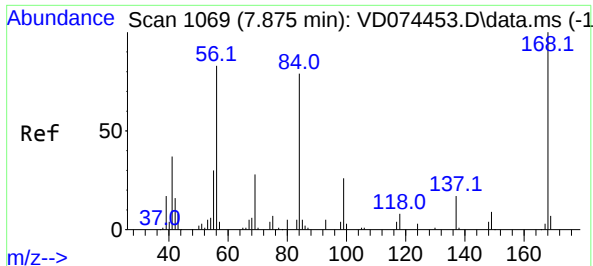


#30  
Chloroform  
Concen: 20.234 ug/l  
RT: 7.593 min Scan# 1021  
Delta R.T. 0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35



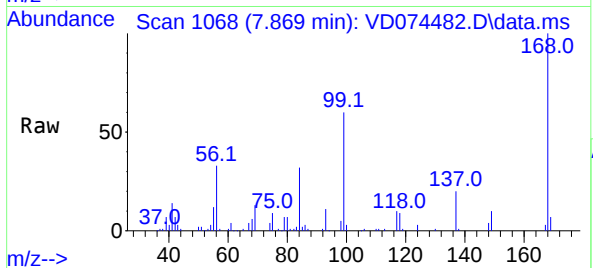
Tgt Ion: 83 Resp: 38247  
Ion Ratio Lower Upper  
83 100  
85 60.0 52.0 78.0



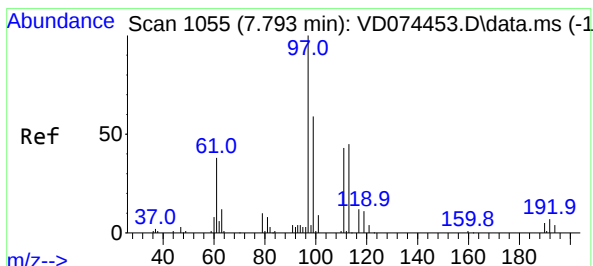
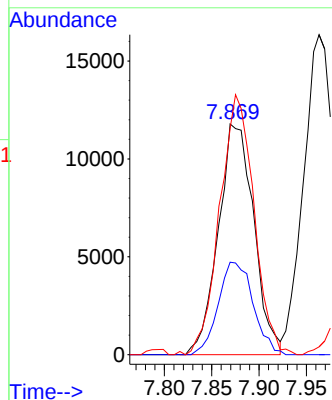
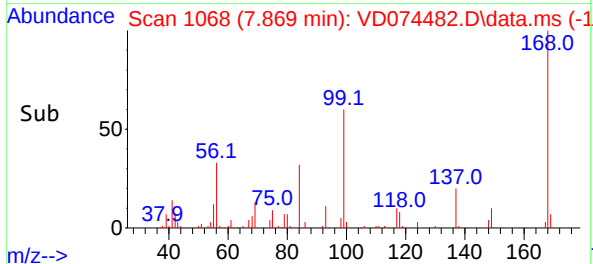


#31  
Cyclohexane  
Concen: 18.791 ug/l  
RT: 7.869 min Scan# 1069  
Delta R.T. -0.006 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

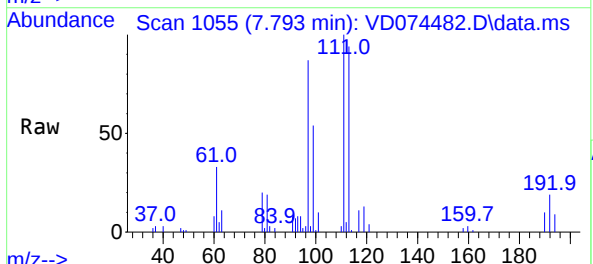
Instrument :  
MSVOA\_D  
ClientSampleId :



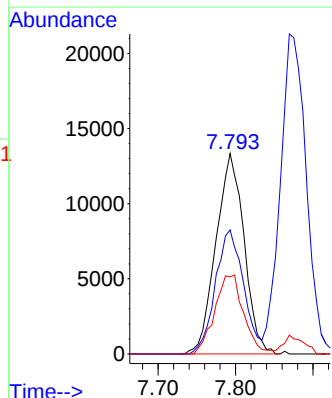
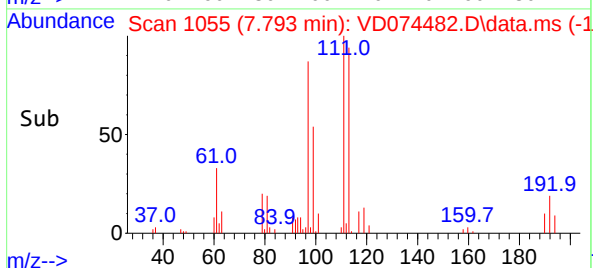
Tgt Ion: 56 Resp: 30742  
Ion Ratio Lower Upper  
56 100  
69 40.1 29.2 43.8  
84 96.7 83.4 125.2

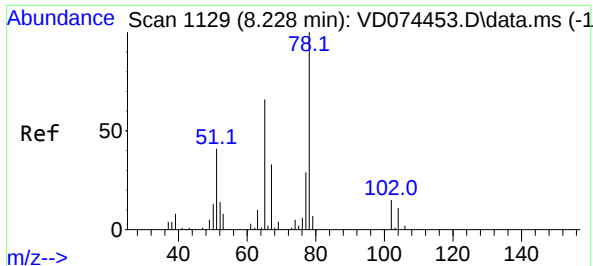


#32  
1,1,1-Trichloroethane  
Concen: 20.140 ug/l  
RT: 7.793 min Scan# 1055  
Delta R.T. 0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35



Tgt Ion: 97 Resp: 33626  
Ion Ratio Lower Upper  
97 100  
99 62.2 53.3 79.9  
61 40.4 30.2 45.4

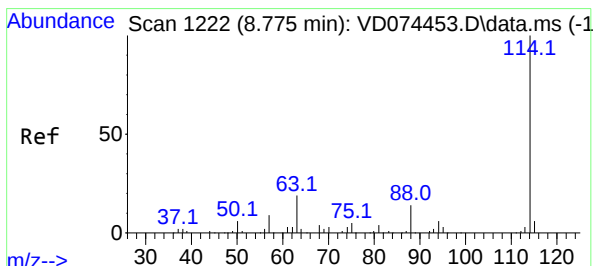
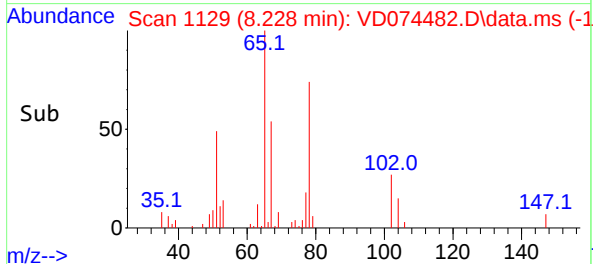
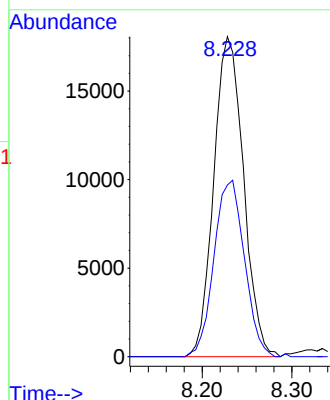
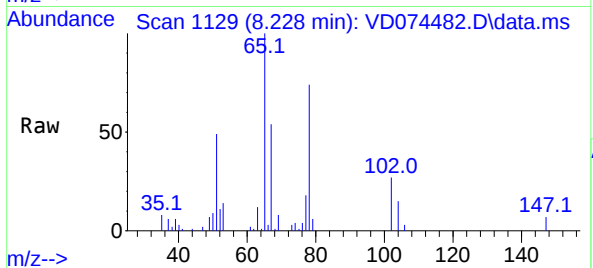




#33  
1,2-Dichloroethane-d4  
Concen: 51.078 ug/l  
RT: 8.228 min Scan# 1129  
Delta R.T. 0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

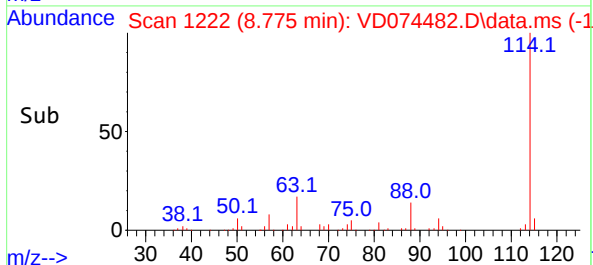
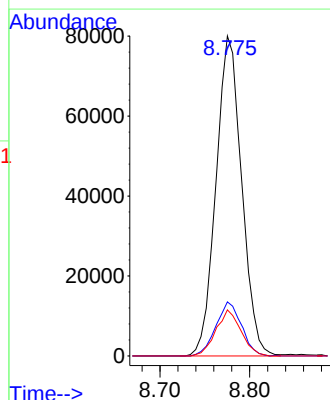
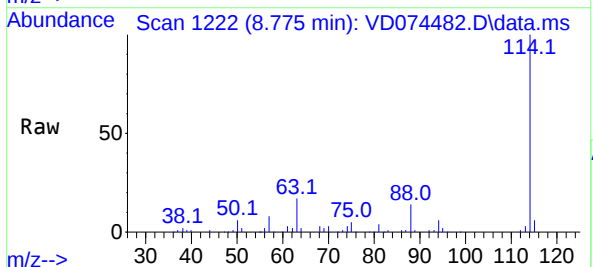
Instrument :  
MSVOA\_D  
ClientSampleId :

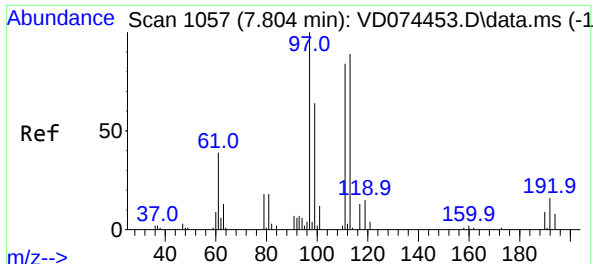
Tgt Ion: 65 Resp: 41602  
Ion Ratio Lower Upper  
65 100  
67 56.4 0.0 110.2



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.775 min Scan# 1222  
Delta R.T. 0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

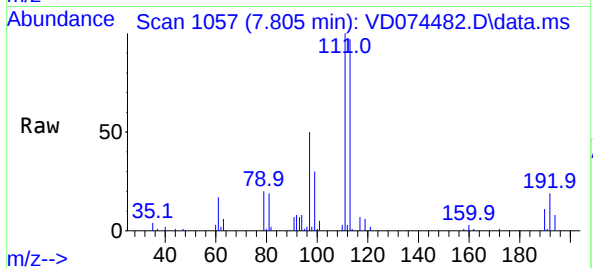
Tgt Ion: 114 Resp: 158906  
Ion Ratio Lower Upper  
114 100  
63 16.9 0.0 33.2  
88 14.4 0.0 28.2



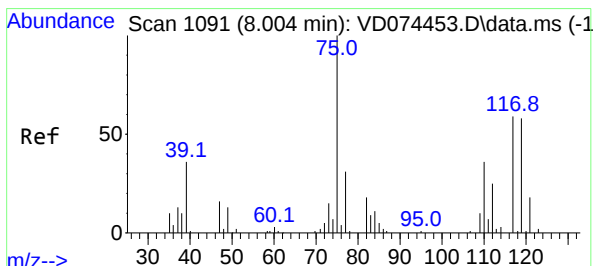
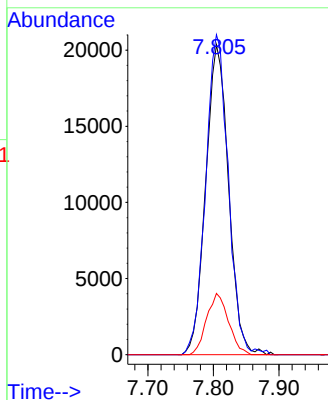
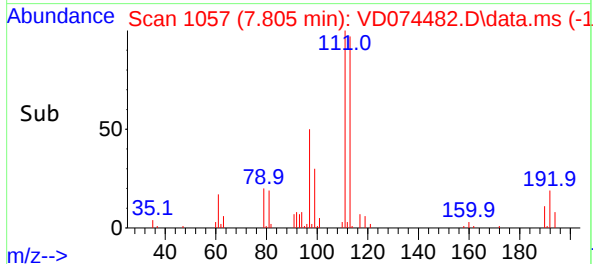


#35  
Dibromofluoromethane  
Concen: 47.083 ug/l  
RT: 7.805 min Scan# 1057  
Delta R.T. 0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

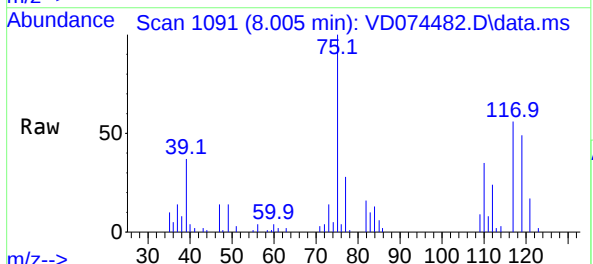
Instrument :  
MSVOA\_D  
ClientSampleId :



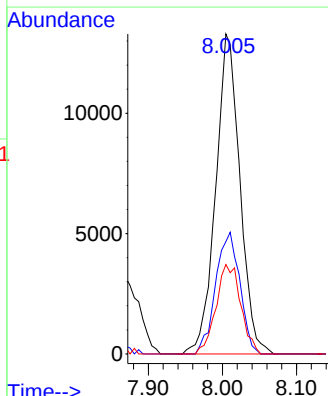
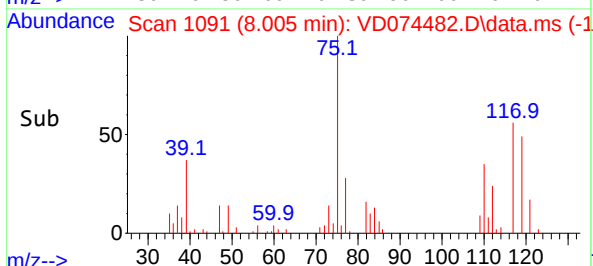
Tgt Ion:113 Resp: 49336  
Ion Ratio Lower Upper  
113 100  
111 102.1 82.3 123.5  
192 18.9 16.4 24.6

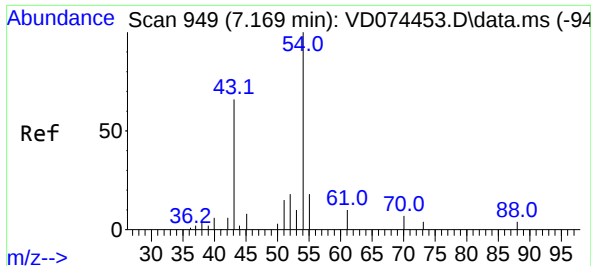


#36  
1,1-Dichloropropene  
Concen: 20.534 ug/l  
RT: 8.005 min Scan# 1091  
Delta R.T. 0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35



Tgt Ion: 75 Resp: 30202  
Ion Ratio Lower Upper  
75 100  
110 37.9 19.7 59.0  
77 28.5 25.4 38.2





#37

Ethyl Acetate

Concen: 19.111 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD074482.D

Acq: 07 Oct 2022 10:35

Instrument :

MSVOA\_D

ClientSampleId :

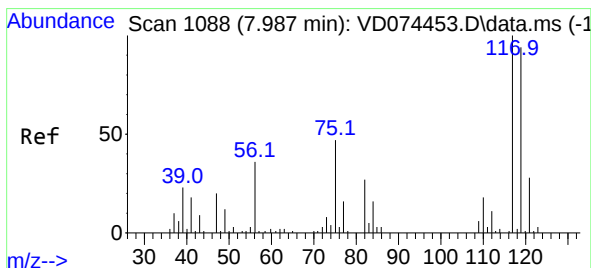
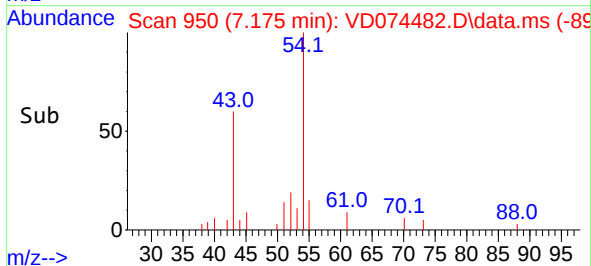
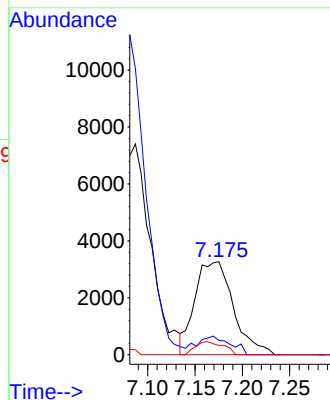
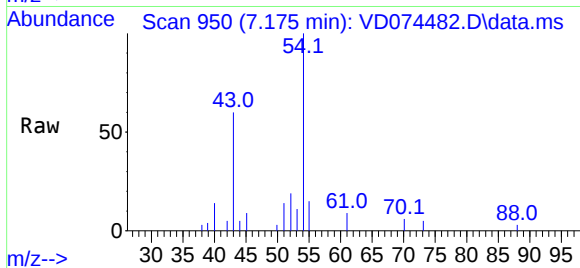
Tgt Ion: 43 Resp: 9230

Ion Ratio Lower Upper

43 100

61 17.1 12.2 18.4

70 10.2 9.6 14.4



#38

Carbon Tetrachloride

Concen: 20.570 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD074482.D

Acq: 07 Oct 2022 10:35

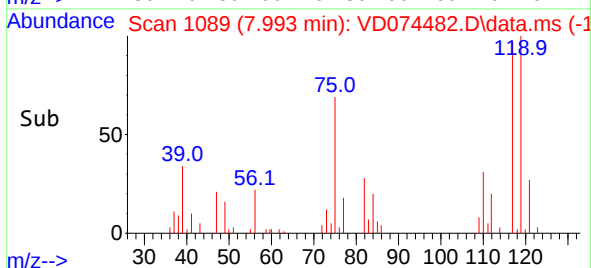
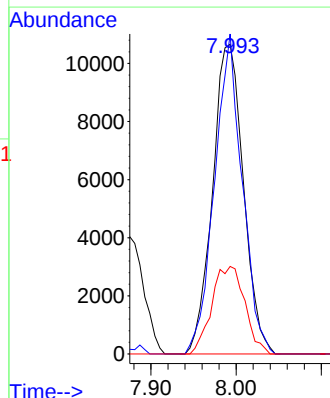
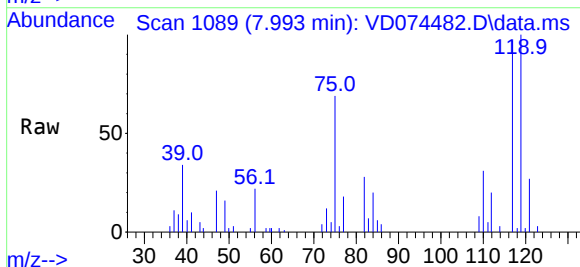
Tgt Ion: 117 Resp: 26810

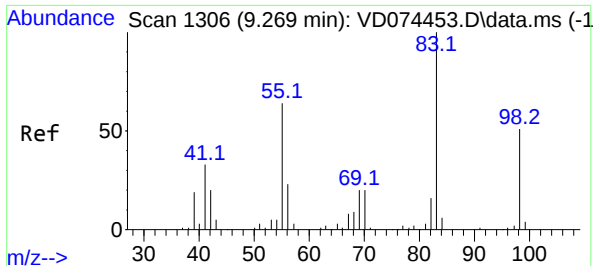
Ion Ratio Lower Upper

117 100

119 103.4 73.1 109.7

121 28.3 25.0 37.6





#39

Methylcyclohexane

Concen: 19.769 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. 0.000 min

Lab File: VD074482.D

Acq: 07 Oct 2022 10:35

Instrument :

MSVOA\_D

ClientSampleId :

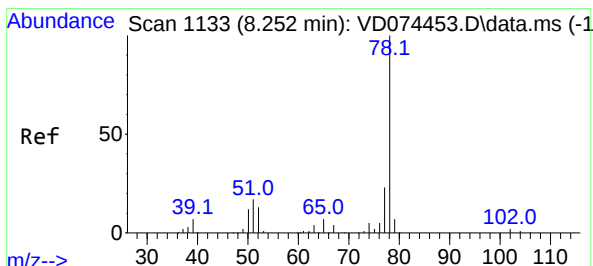
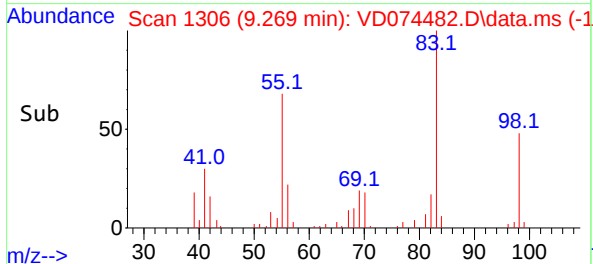
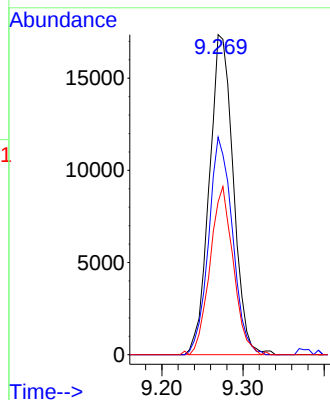
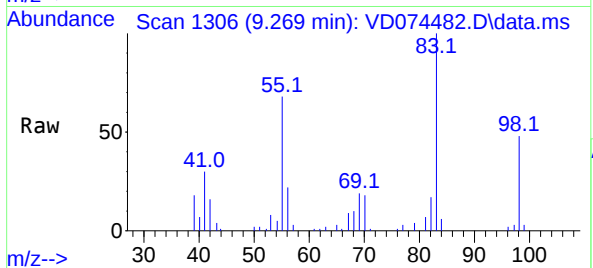
Tgt Ion: 83 Resp: 35654

Ion Ratio Lower Upper

83 100

55 68.0 49.0 73.4

98 47.8 41.7 62.5



#40

Benzene

Concen: 20.428 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD074482.D

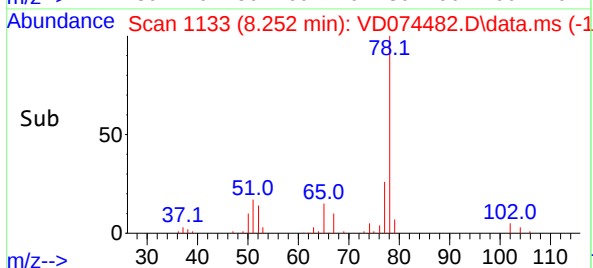
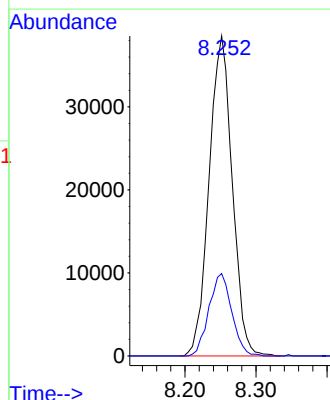
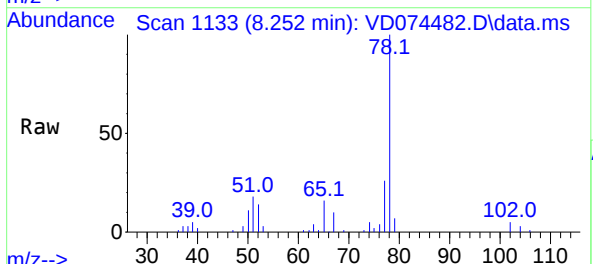
Acq: 07 Oct 2022 10:35

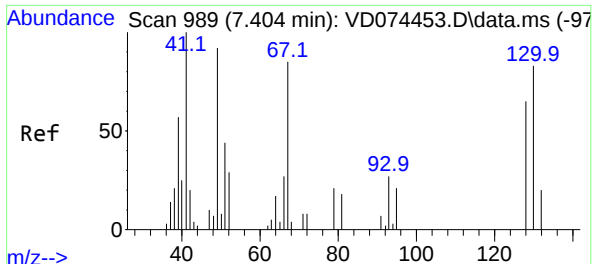
Tgt Ion: 78 Resp: 87259

Ion Ratio Lower Upper

78 100

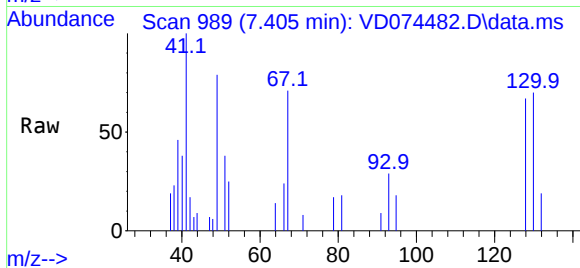
77 25.7 20.1 30.1



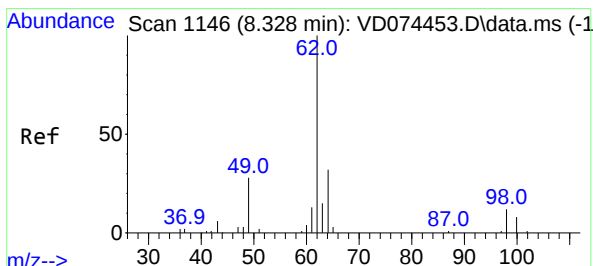
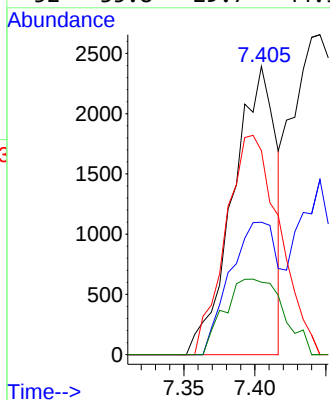
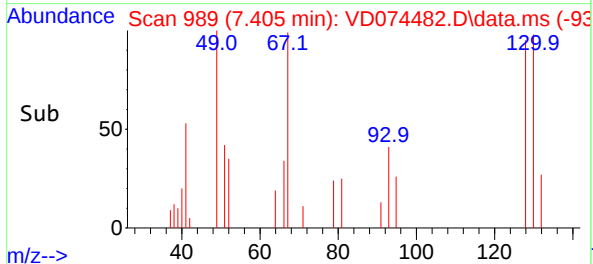


#41  
Methacrylonitrile  
Concen: 18.991 ug/l  
RT: 7.405 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

Instrument :  
MSVOA\_D  
ClientSampleId :

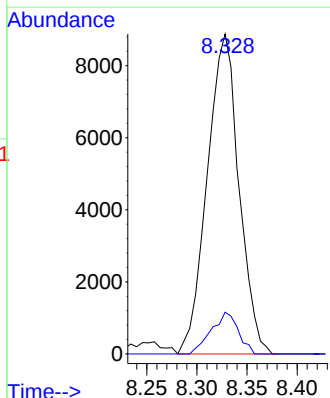
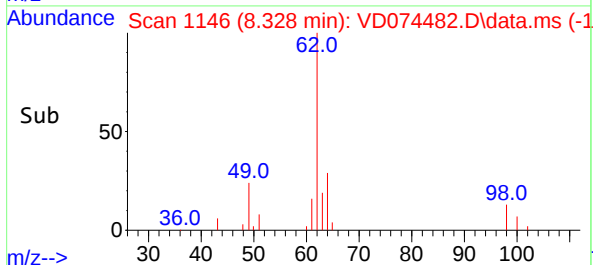
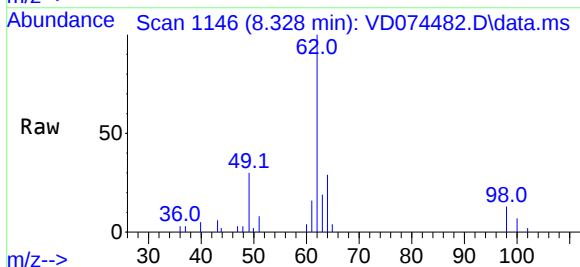


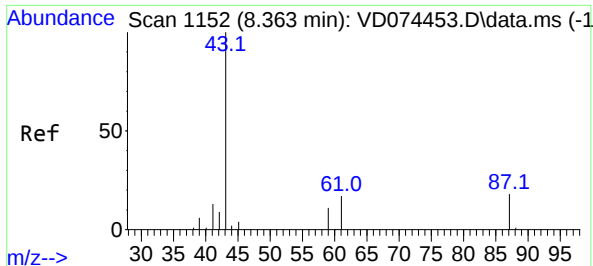
Tgt Ion: 41 Resp: 5019  
Ion Ratio Lower Upper  
41 100  
39 54.3 35.0 52.6#  
67 95.2 77.0 115.6  
52 35.8 29.7 44.5



#42  
1,2-Dichloroethane  
Concen: 19.307 ug/l  
RT: 8.328 min Scan# 1146  
Delta R.T. 0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

Tgt Ion: 62 Resp: 19524  
Ion Ratio Lower Upper  
62 100  
98 11.1 0.0 24.2





#43

Isopropyl Acetate

Concen: 18.302 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD074482.D

Acq: 07 Oct 2022 10:35

Instrument :

MSVOA\_D

ClientSampleId :

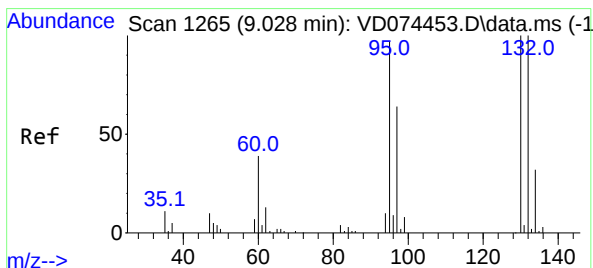
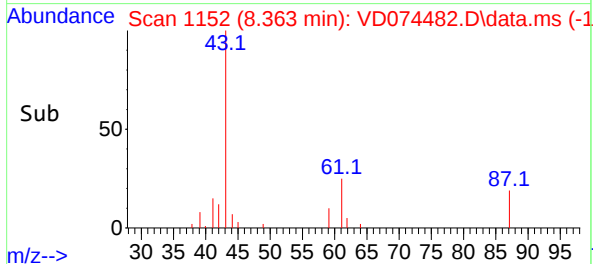
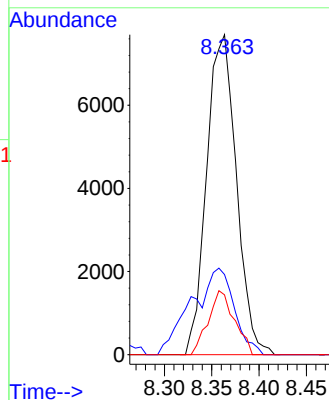
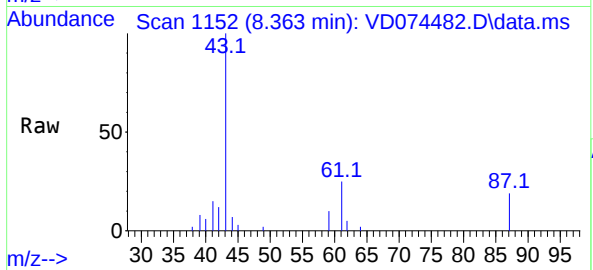
Tgt Ion: 43 Resp: 16857

Ion Ratio Lower Upper

43 100

61 38.8 30.9 46.3

87 17.5 14.3 21.5



#44

Trichloroethene

Concen: 20.801 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD074482.D

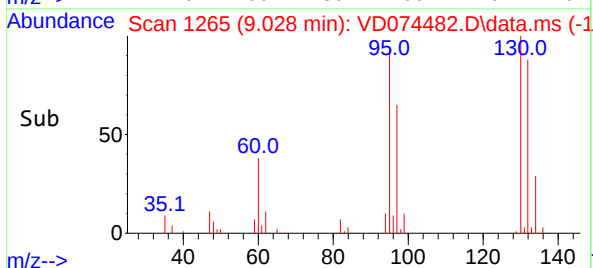
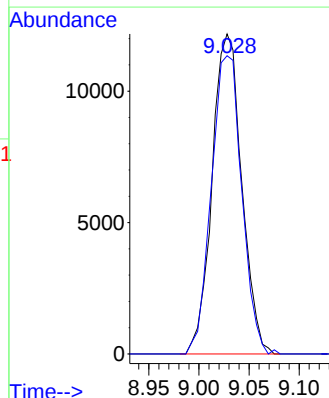
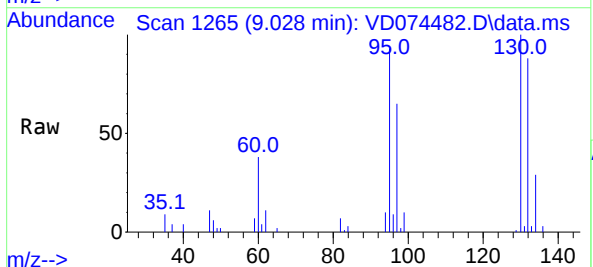
Acq: 07 Oct 2022 10:35

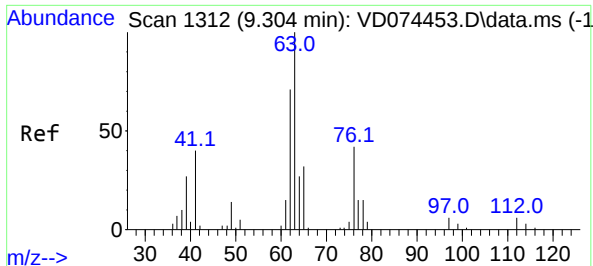
Tgt Ion:130 Resp: 24967

Ion Ratio Lower Upper

130 100

95 93.2 0.0 185.4





#45

1,2-Dichloropropane

Concen: 19.578 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074482.D

Acq: 07 Oct 2022 10:35

Instrument :

MSVOA\_D

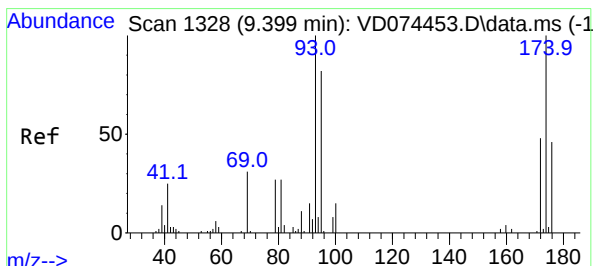
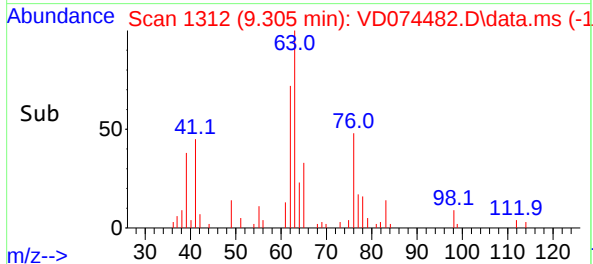
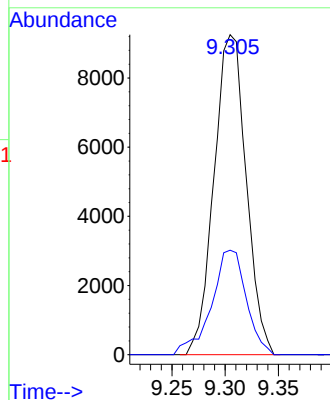
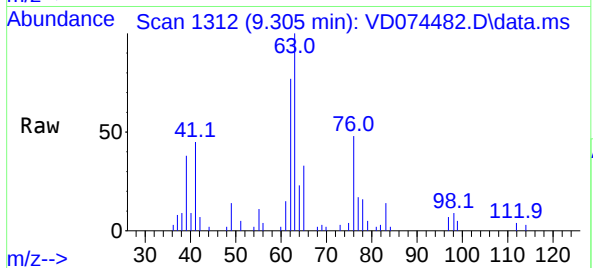
ClientSampleId :

Tgt Ion: 63 Resp: 19417

Ion Ratio Lower Upper

63 100

65 32.7 23.1 34.7



#46

Dibromomethane

Concen: 20.789 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD074482.D

Acq: 07 Oct 2022 10:35

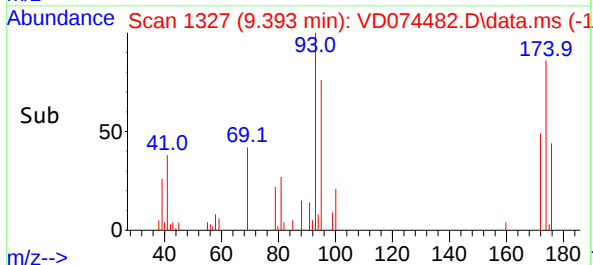
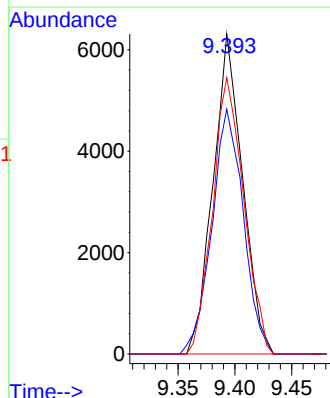
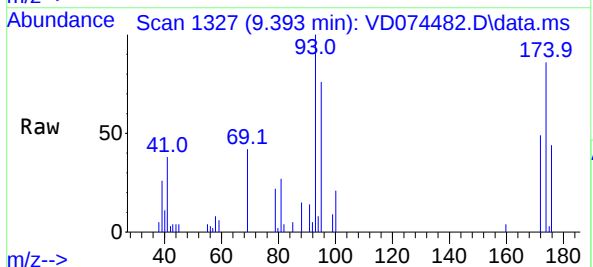
Tgt Ion: 93 Resp: 11418

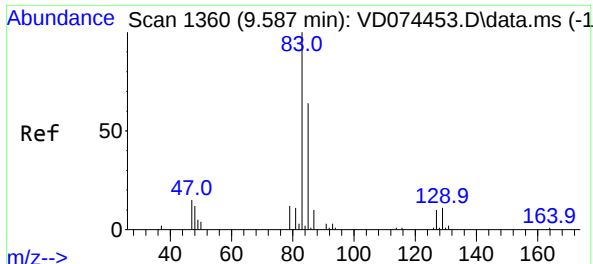
Ion Ratio Lower Upper

93 100

95 81.5 68.2 102.2

174 91.3 87.4 131.0

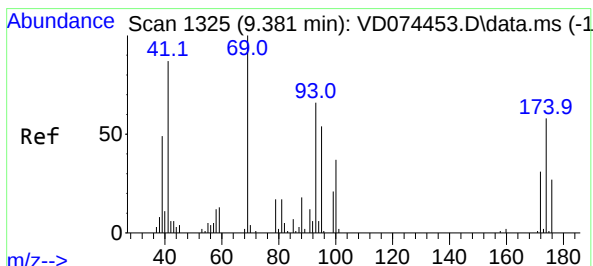
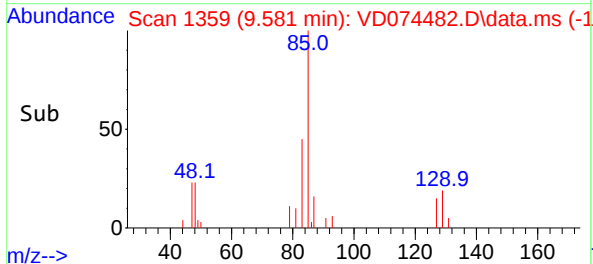
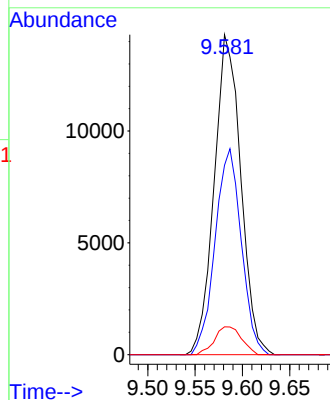
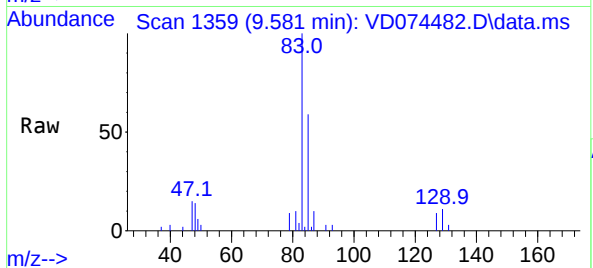




#47  
Bromodichloromethane  
Concen: 20.383 ug/l  
RT: 9.581 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

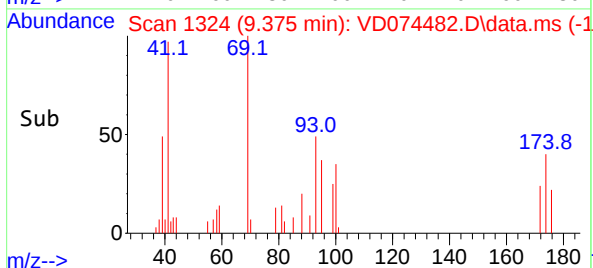
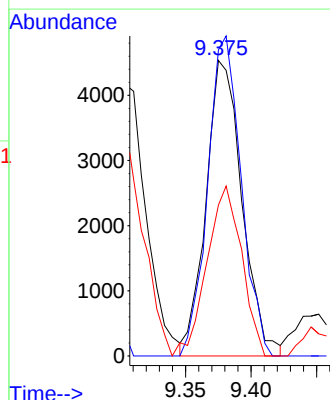
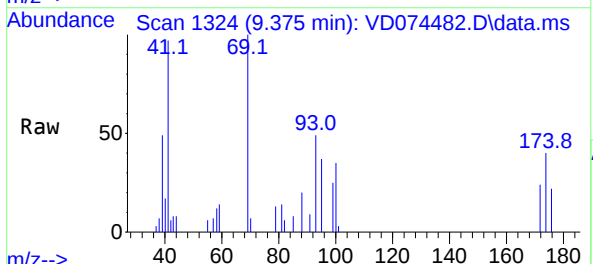
Instrument :  
MSVOA\_D  
ClientSampleId :

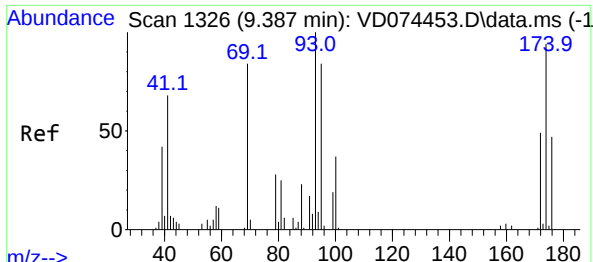
Tgt Ion: 83 Resp: 27960  
Ion Ratio Lower Upper  
83 100  
85 59.2 48.8 73.2  
127 8.7 6.7 10.1



#48  
Methyl methacrylate  
Concen: 20.214 ug/l  
RT: 9.375 min Scan# 1324  
Delta R.T. -0.006 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

Tgt Ion: 41 Resp: 8666  
Ion Ratio Lower Upper  
41 100  
69 100.4 93.0 139.4  
39 55.5 44.6 66.8





#49

1,4-Dioxane

Concen: 398.833 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD074482.D

Acq: 07 Oct 2022 10:35

Instrument :

MSVOA\_D

ClientSampleId :

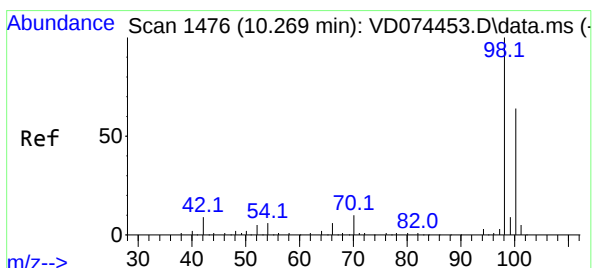
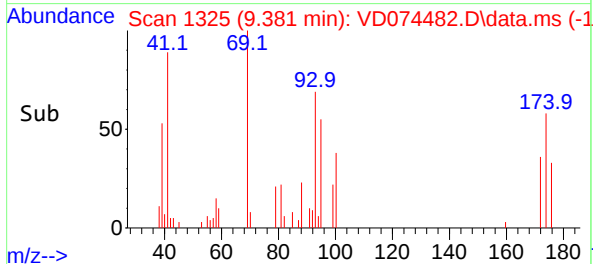
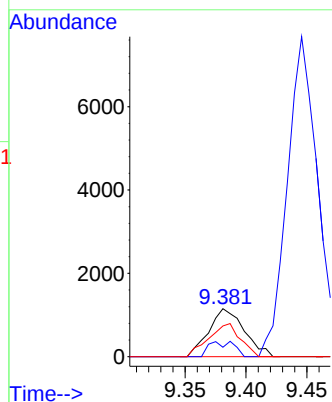
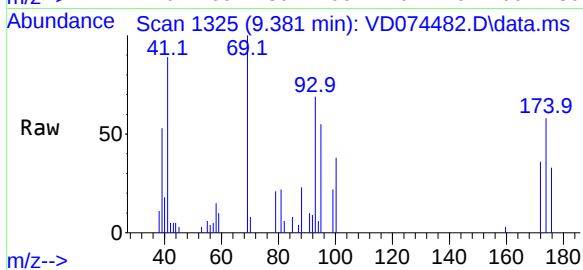
Tgt Ion: 88 Resp: 2333

Ion Ratio Lower Upper

88 100

43 22.4 24.1 36.1#

58 61.1 43.1 64.7



#50

Toluene-d8

Concen: 52.732 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074482.D

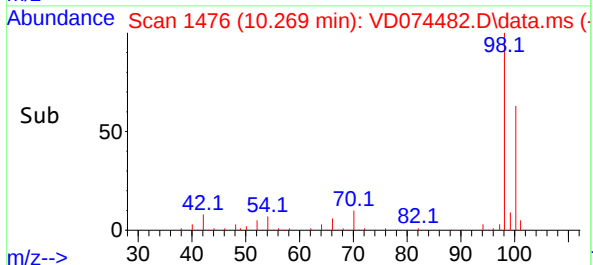
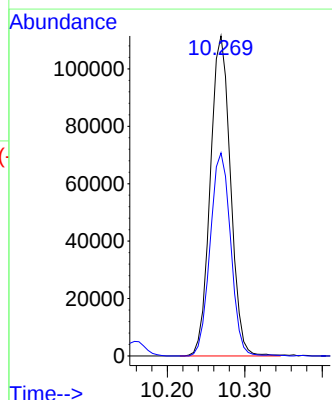
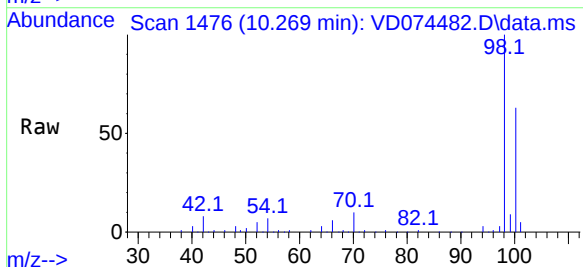
Acq: 07 Oct 2022 10:35

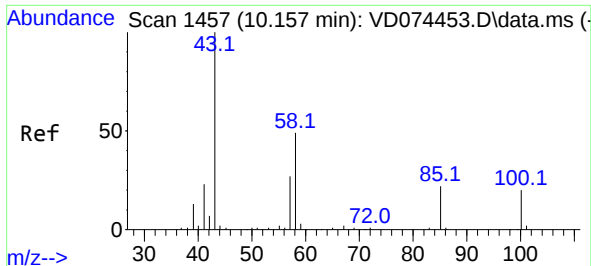
Tgt Ion: 98 Resp: 202219

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.0

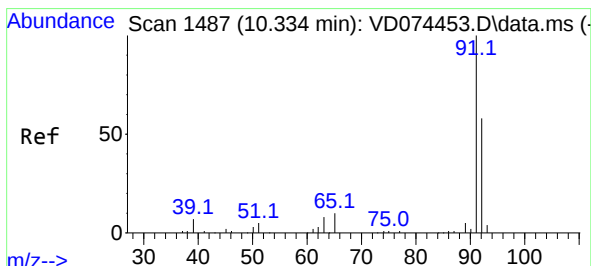
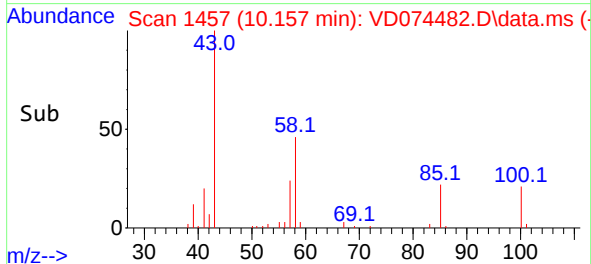
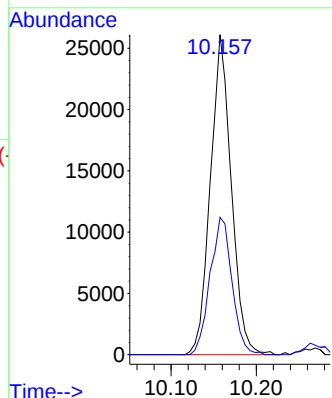
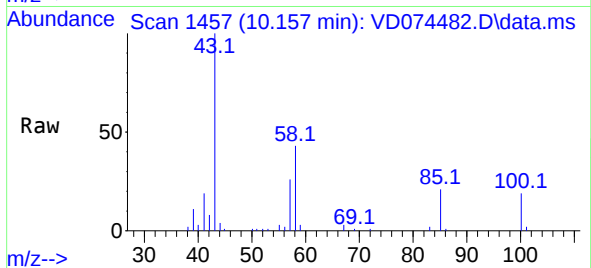




#51  
4-Methyl-2-Pentanone  
Concen: 97.230 ug/l  
RT: 10.157 min Scan# 1457  
Delta R.T. 0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

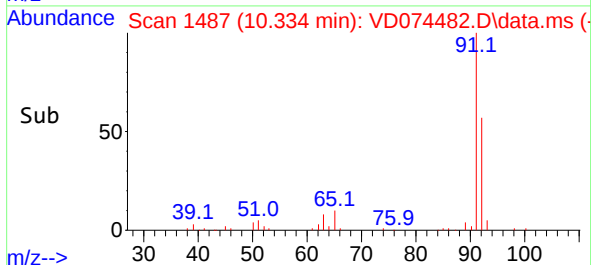
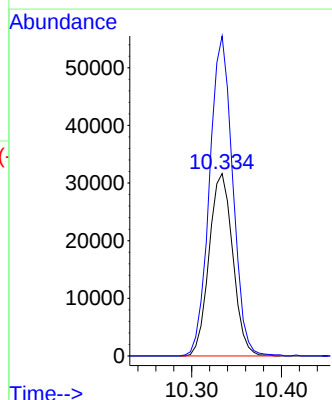
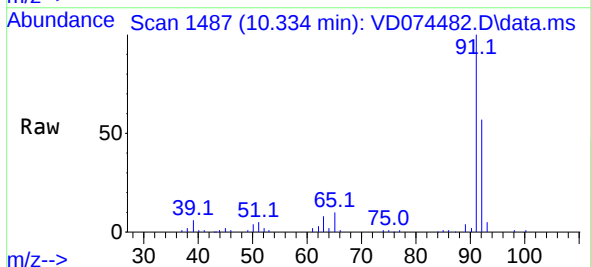
Instrument :  
MSVOA\_D  
ClientSampleId :

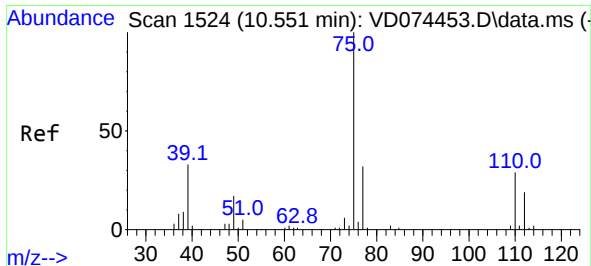
Tgt Ion: 43 Resp: 44514  
Ion Ratio Lower Upper  
43 100  
58 45.0 37.8 56.6



#52  
Toluene  
Concen: 21.454 ug/l  
RT: 10.334 min Scan# 1487  
Delta R.T. 0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

Tgt Ion: 92 Resp: 57925  
Ion Ratio Lower Upper  
92 100  
91 172.0 139.0 208.4

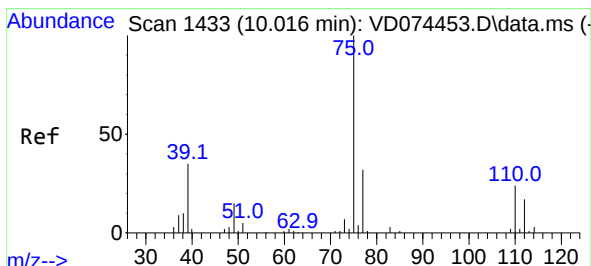
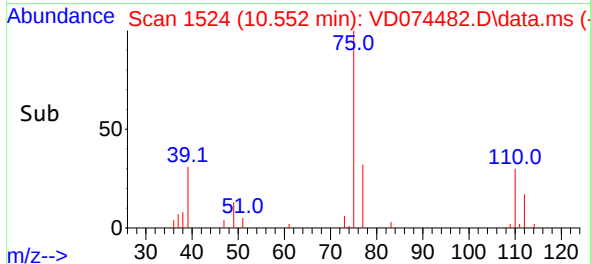
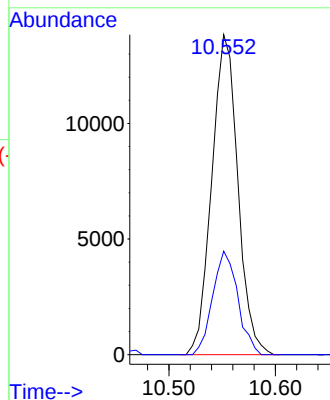
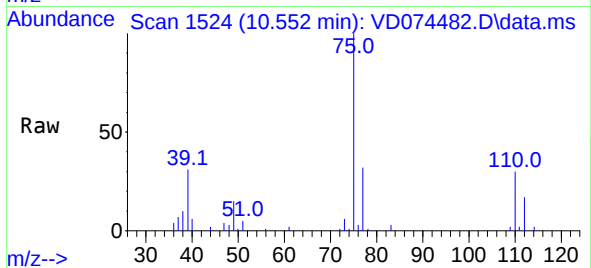




#53  
 t-1,3-Dichloropropene  
 Concen: 18.776 ug/l  
 RT: 10.552 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VD074482.D  
 Acq: 07 Oct 2022 10:35

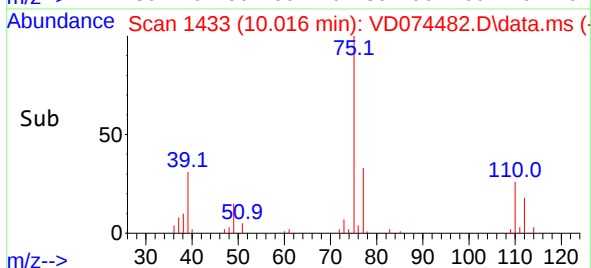
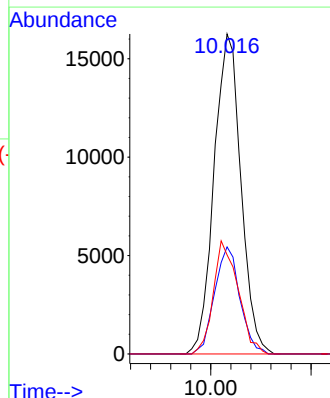
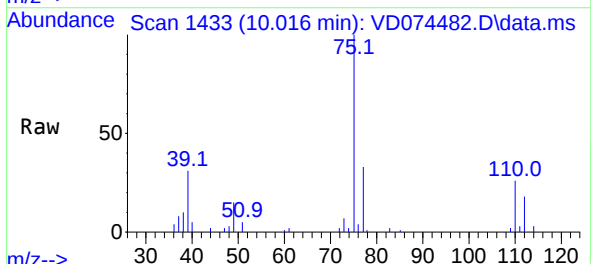
Instrument :  
 MSVOA\_D  
 ClientSampleId :

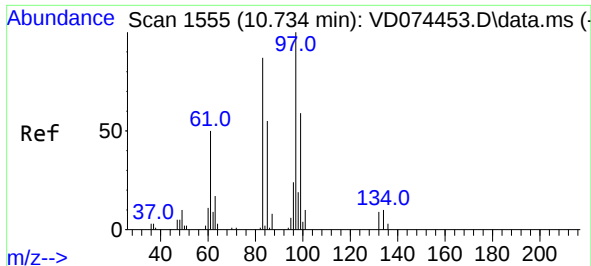
Tgt Ion: 75 Resp: 23509  
 Ion Ratio Lower Upper  
 75 100  
 77 32.3 25.6 38.4



#54  
 cis-1,3-Dichloropropene  
 Concen: 19.584 ug/l  
 RT: 10.016 min Scan# 1433  
 Delta R.T. 0.000 min  
 Lab File: VD074482.D  
 Acq: 07 Oct 2022 10:35

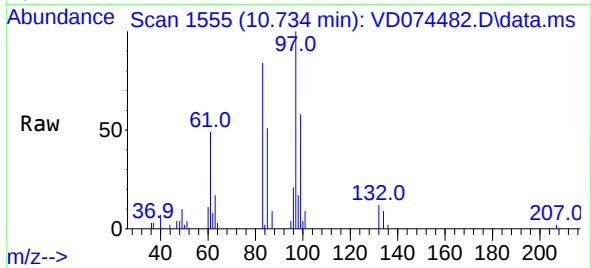
Tgt Ion: 75 Resp: 30212  
 Ion Ratio Lower Upper  
 75 100  
 77 33.4 24.7 37.1  
 39 31.0 25.4 38.2





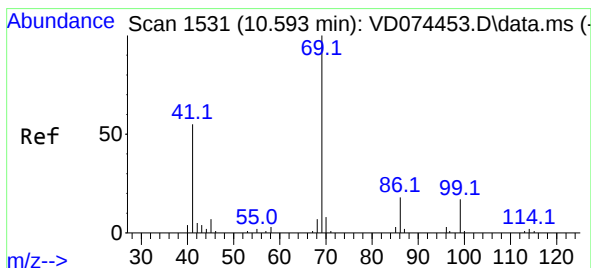
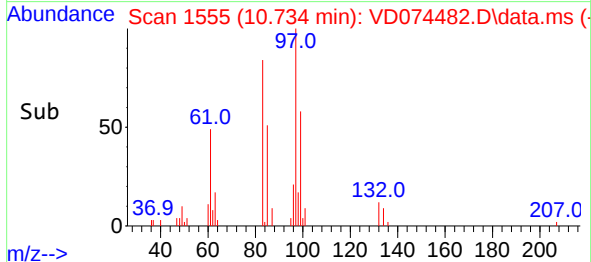
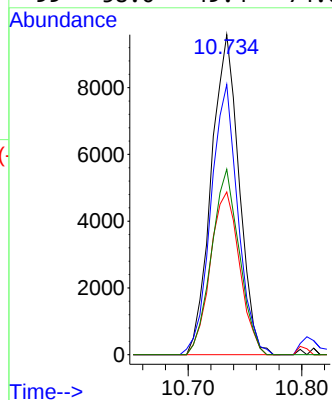
#55  
1,1,2-Trichloroethane  
Concen: 21.056 ug/l  
RT: 10.734 min Scan# 1555  
Delta R.T. 0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

Instrument :  
MSVOA\_D  
ClientSampleId :



Tgt Ion: 97 Resp: 16261

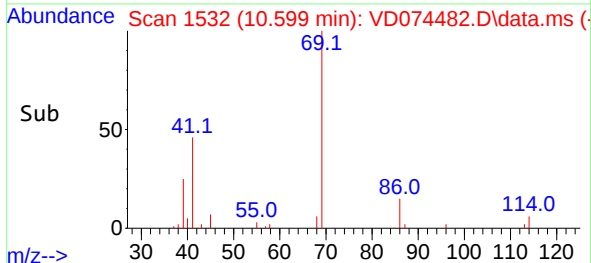
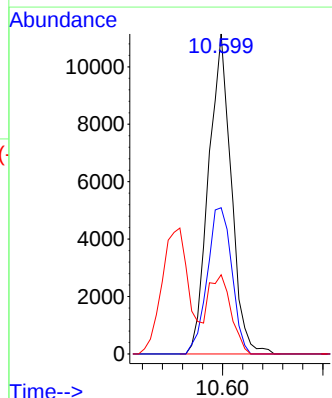
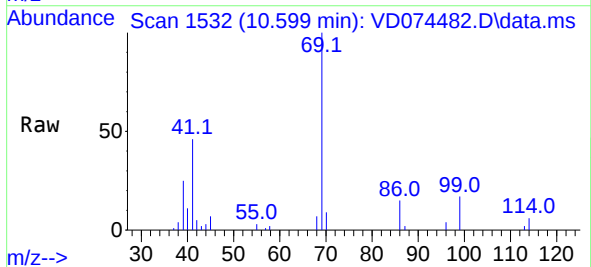
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 84.4  | 64.8  | 97.2  |
| 85  | 50.8  | 44.8  | 67.2  |
| 99  | 58.0  | 49.4  | 74.0  |

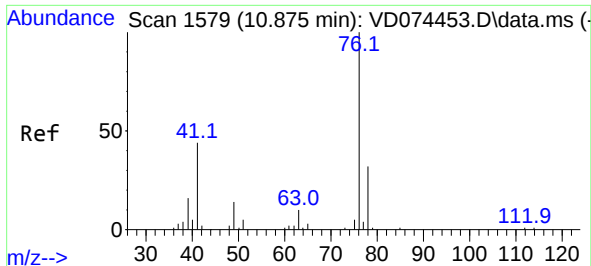


#56  
Ethyl methacrylate  
Concen: 20.093 ug/l  
RT: 10.599 min Scan# 1532  
Delta R.T. 0.006 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

Tgt Ion: 69 Resp: 17457

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 49.6  | 38.6  | 58.0  |
| 39  | 24.0  | 19.9  | 29.9  |





#57

1,3-Dichloropropane

Concen: 20.424 ug/l

RT: 10.875 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074482.D

Acq: 07 Oct 2022 10:35

Instrument :

MSVOA\_D

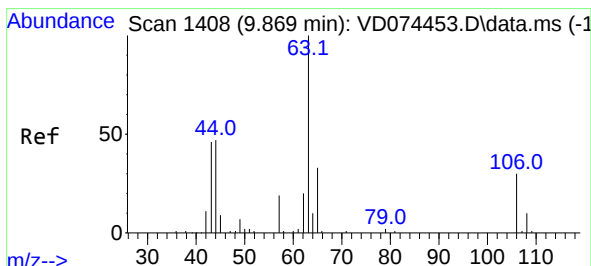
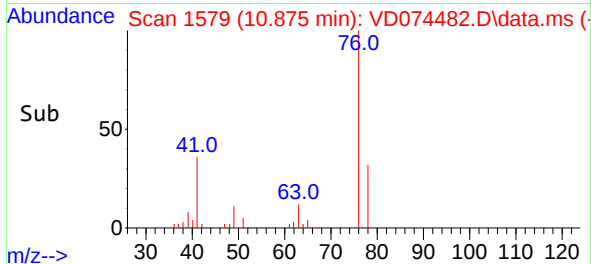
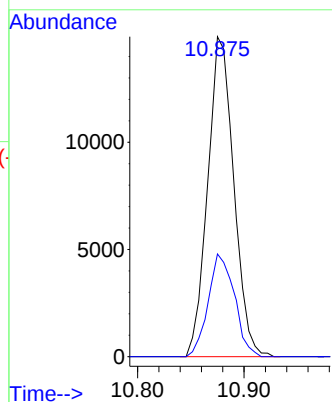
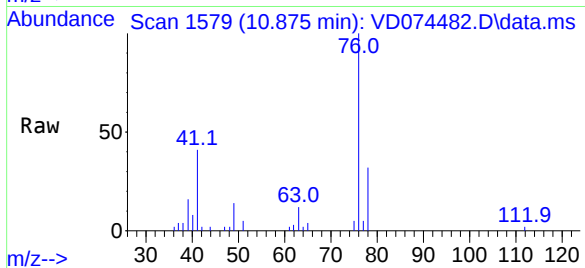
ClientSampleId :

Tgt Ion: 76 Resp: 25419

Ion Ratio Lower Upper

76 100

78 32.2 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 70.052 ug/l

RT: 9.863 min Scan# 1407

Delta R.T. -0.006 min

Lab File: VD074482.D

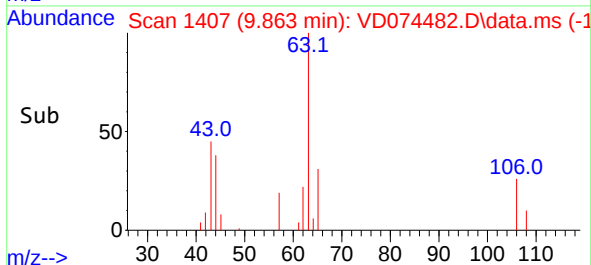
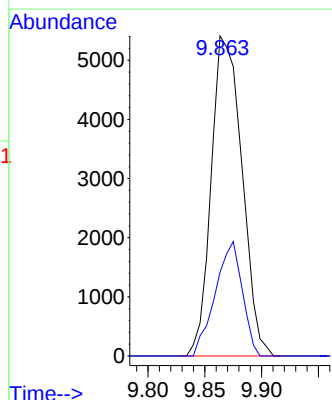
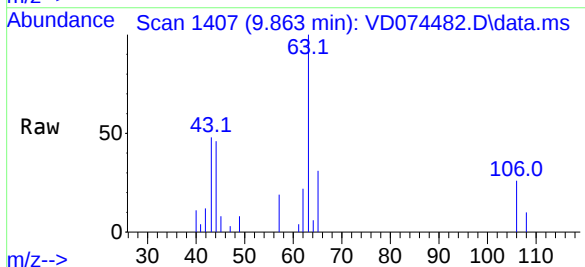
Acq: 07 Oct 2022 10:35

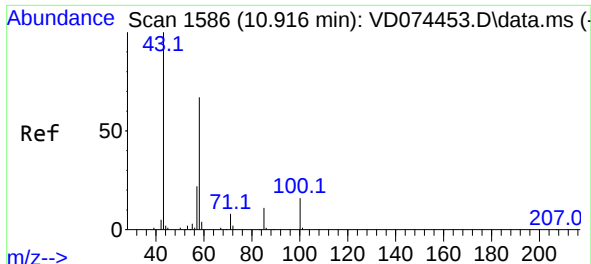
Tgt Ion: 63 Resp: 10170

Ion Ratio Lower Upper

63 100

106 31.5 26.5 39.7

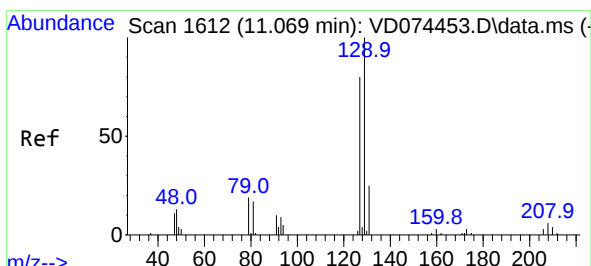
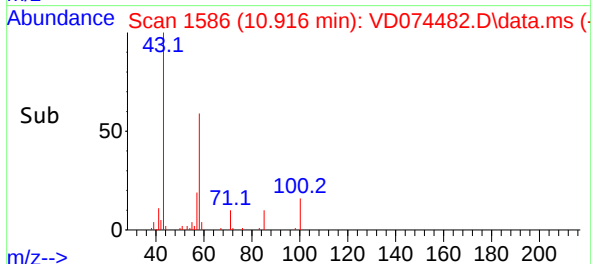
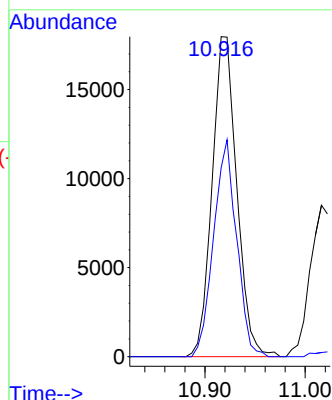
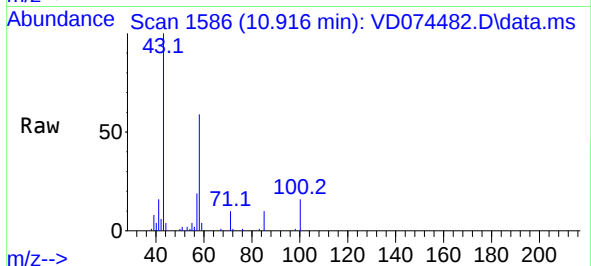




#59  
2-Hexanone  
Concen: 98.015 ug/l  
RT: 10.916 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

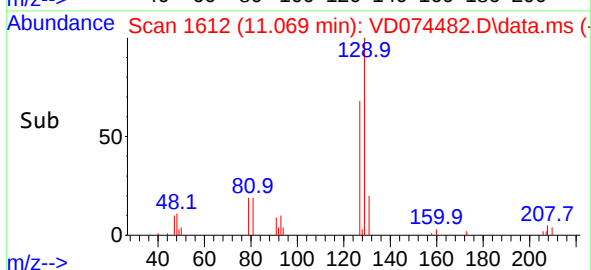
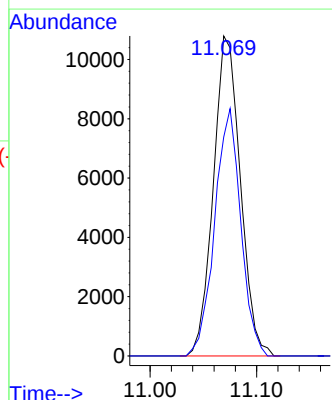
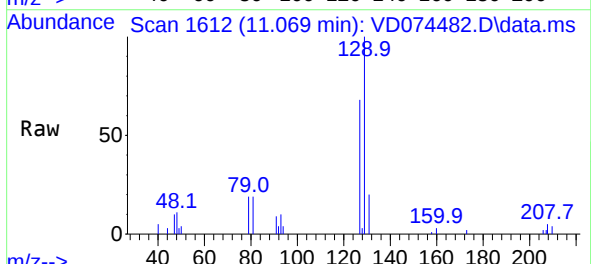
Instrument :  
MSVOA\_D  
ClientSampleId :

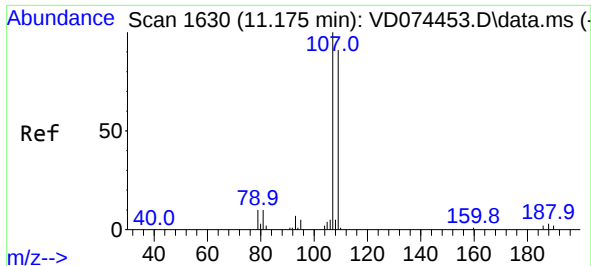
Tgt Ion: 43 Resp: 30773  
Ion Ratio Lower Upper  
43 100  
58 63.1 32.0 96.2



#60  
Dibromochloromethane  
Concen: 21.136 ug/l  
RT: 11.069 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

Tgt Ion: 129 Resp: 19022  
Ion Ratio Lower Upper  
129 100  
127 74.5 39.1 117.2

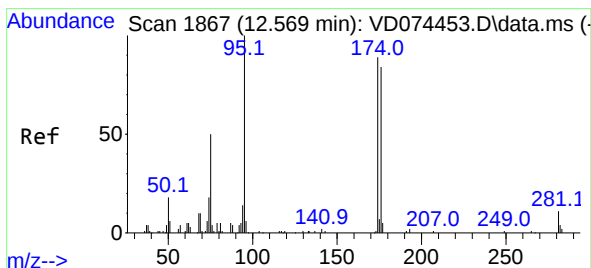
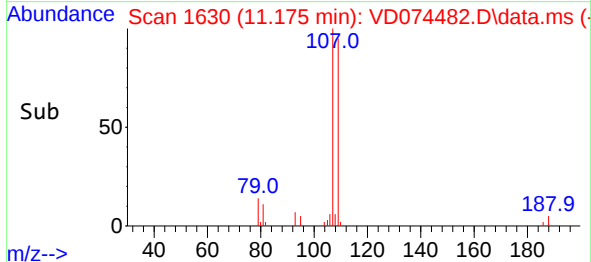
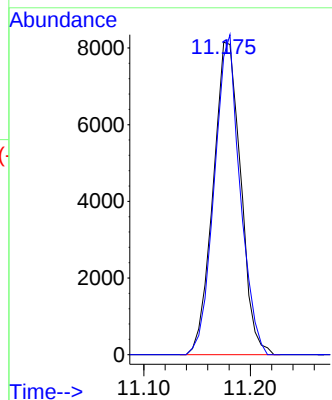
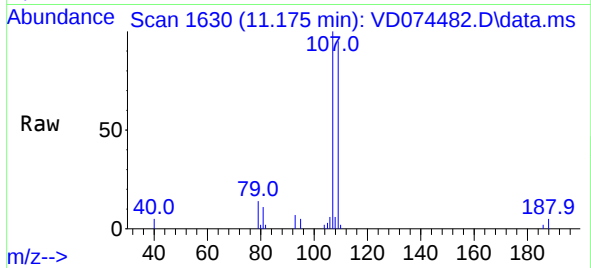




#61  
1,2-Dibromoethane  
Concen: 20.464 ug/l  
RT: 11.175 min Scan# 1630  
Delta R.T. 0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

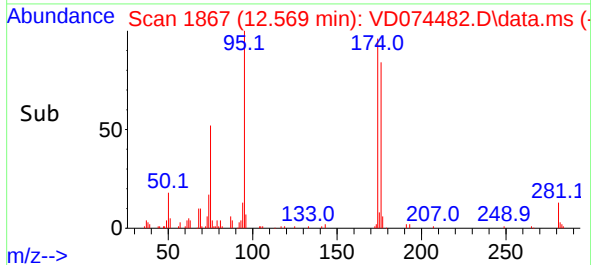
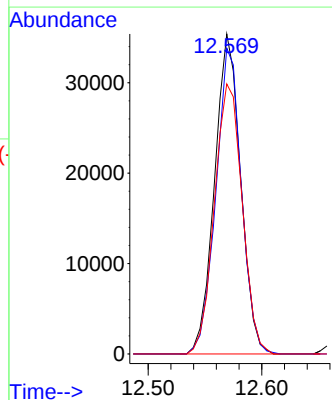
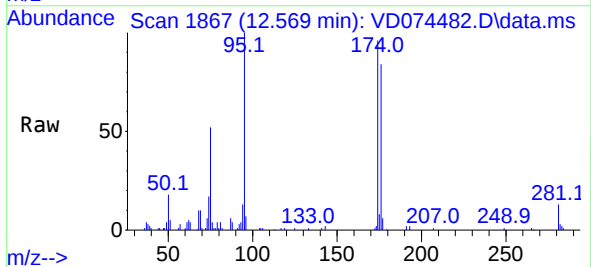
Instrument :  
MSVOA\_D  
ClientSampleId :

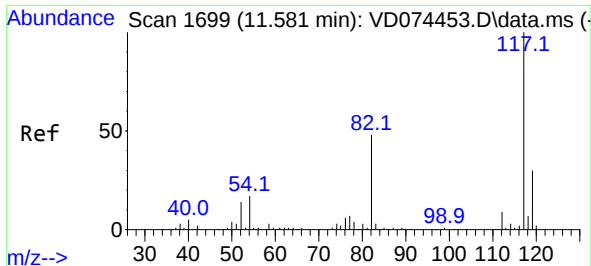
Tgt Ion:107 Resp: 14605  
Ion Ratio Lower Upper  
107 100  
109 95.4 74.6 111.8



#62  
4-Bromofluorobenzene  
Concen: 47.207 ug/l  
RT: 12.569 min Scan# 1867  
Delta R.T. 0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

Tgt Ion: 95 Resp: 56243  
Ion Ratio Lower Upper  
95 100  
174 94.0 0.0 197.0  
176 90.0 0.0 182.6

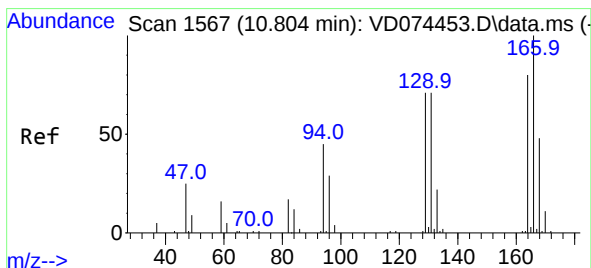
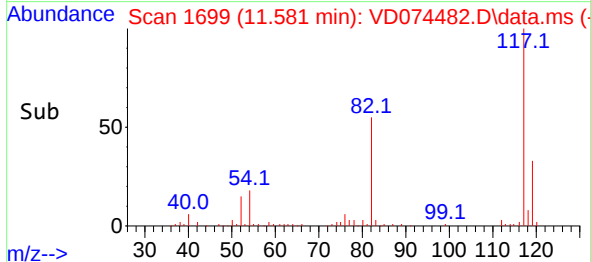
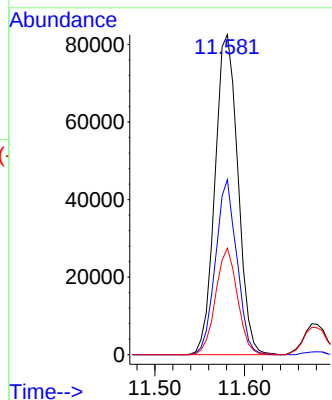
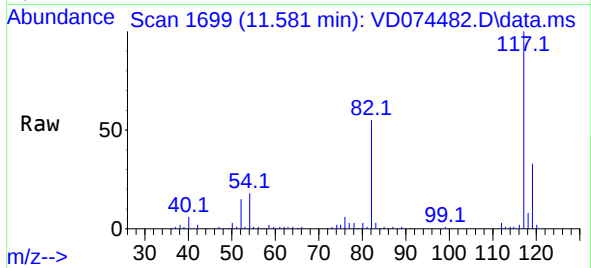




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.581 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

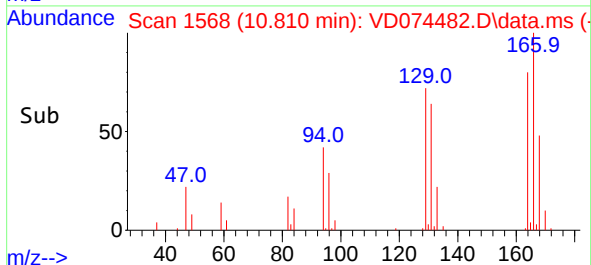
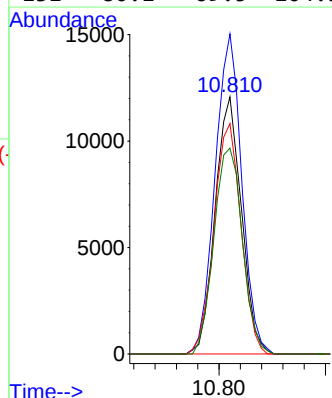
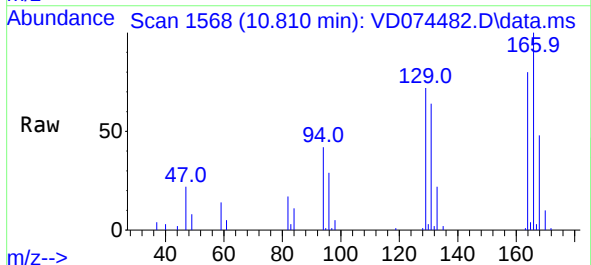
Instrument :  
MSVOA\_D  
ClientSampleId :

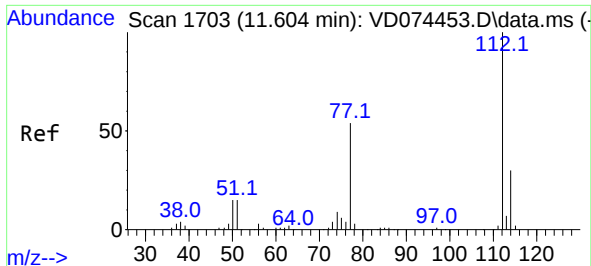
Tgt Ion:117 Resp: 146503  
Ion Ratio Lower Upper  
117 100  
82 54.7 41.6 62.4  
119 33.3 25.2 37.8



#64  
Tetrachloroethene  
Concen: 20.376 ug/l  
RT: 10.810 min Scan# 1568  
Delta R.T. 0.006 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

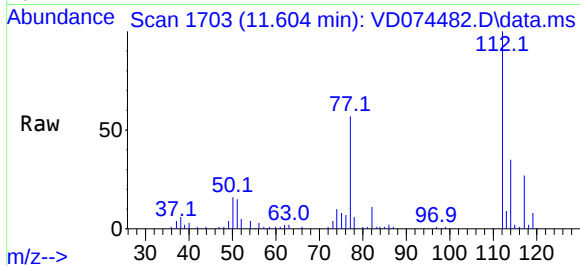
Tgt Ion:164 Resp: 20711  
Ion Ratio Lower Upper  
164 100  
166 124.4 107.8 161.8  
129 89.6 77.4 116.2  
131 80.1 69.5 104.3



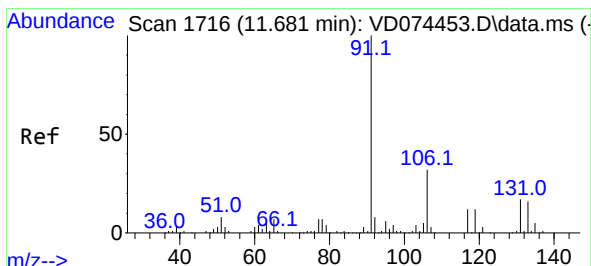
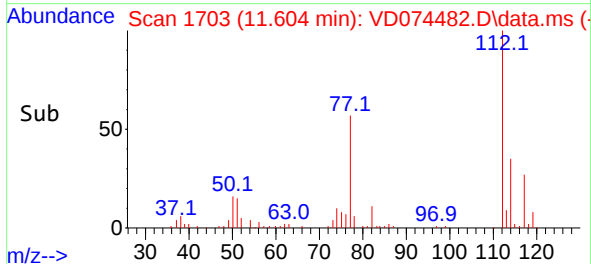
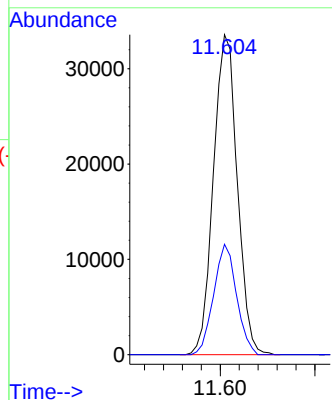


#65  
Chlorobenzene  
Concen: 20.044 ug/l  
RT: 11.604 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

Instrument :  
MSVOA\_D  
ClientSampleId :

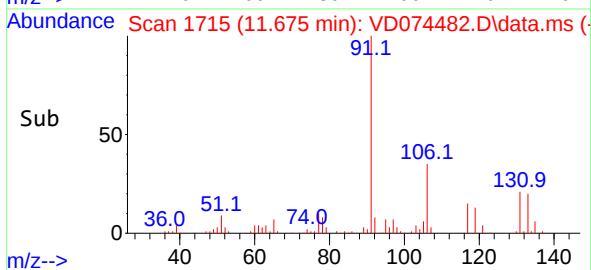
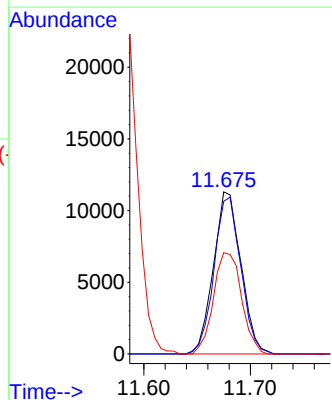
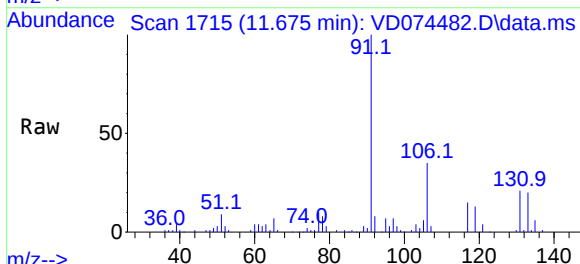


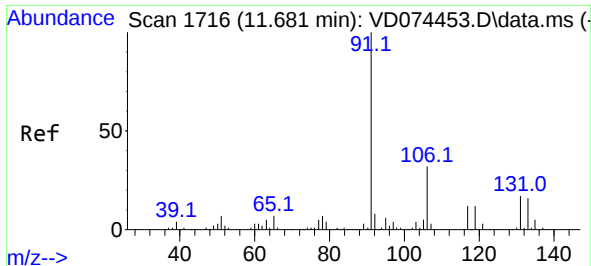
Tgt Ion:112 Resp: 58684  
Ion Ratio Lower Upper  
112 100  
114 34.5 25.1 37.7



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.512 ug/l  
RT: 11.675 min Scan# 1715  
Delta R.T. -0.006 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

Tgt Ion:131 Resp: 20204  
Ion Ratio Lower Upper  
131 100  
133 94.5 46.6 139.8  
119 64.0 32.5 97.4

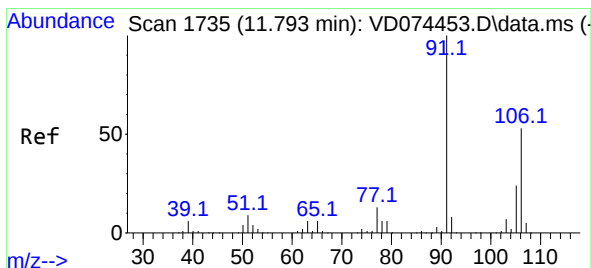
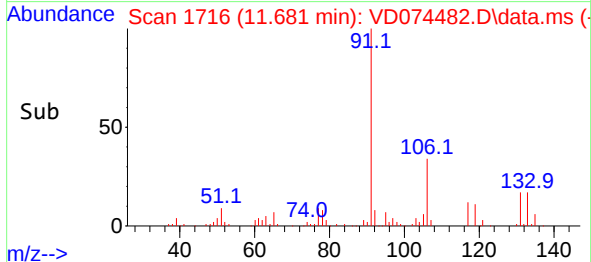
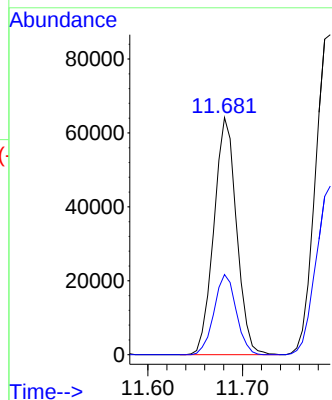
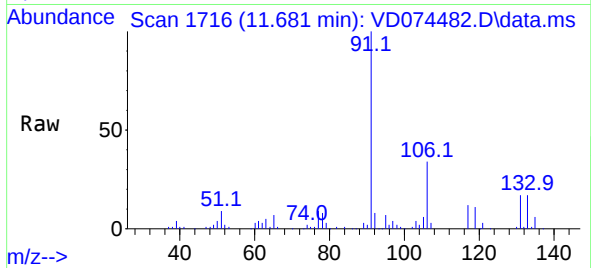




#67  
Ethyl Benzene  
Concen: 20.186 ug/l  
RT: 11.681 min Scan# 1716  
Delta R.T. 0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

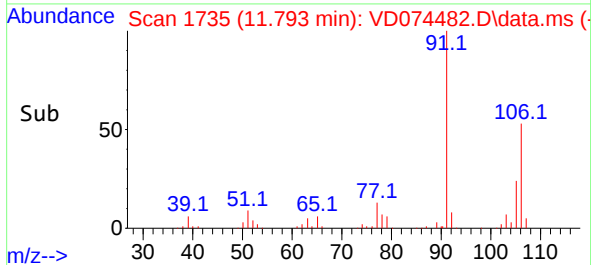
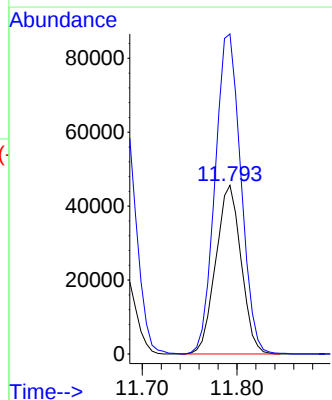
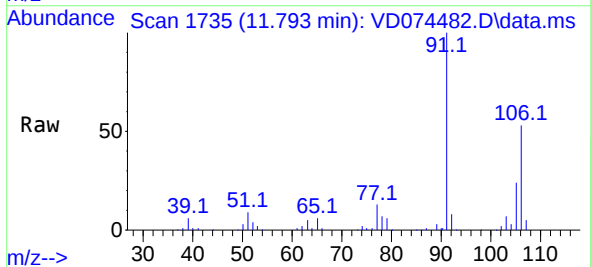
Instrument :  
MSVOA\_D  
ClientSampleId :

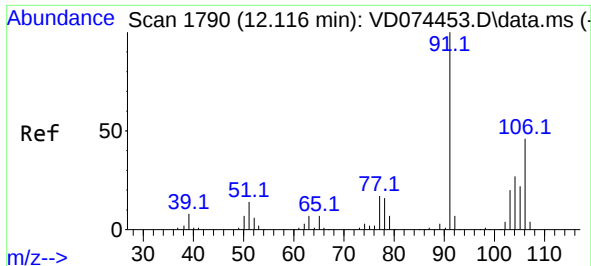
Tgt Ion: 91 Resp: 106527  
Ion Ratio Lower Upper  
91 100  
106 33.8 26.6 40.0



#68  
m/p-Xylenes  
Concen: 40.977 ug/l  
RT: 11.793 min Scan# 1735  
Delta R.T. 0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

Tgt Ion:106 Resp: 84979  
Ion Ratio Lower Upper  
106 100  
91 193.4 156.2 234.4

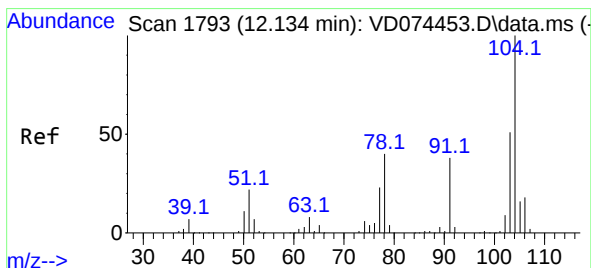
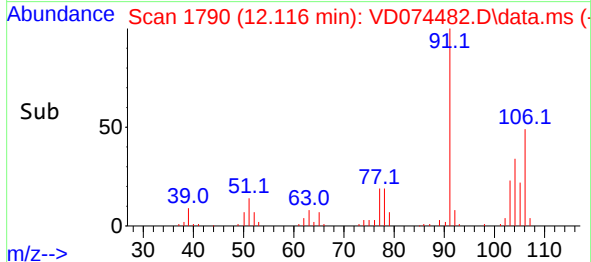
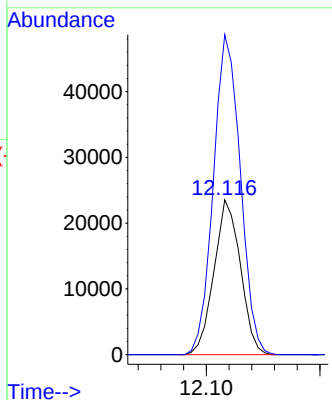
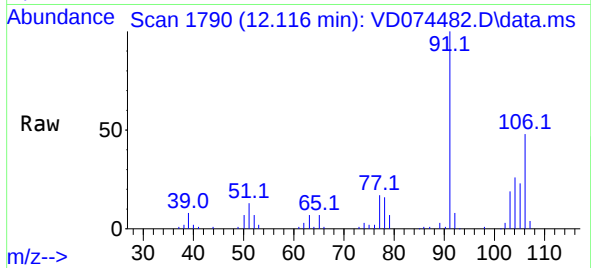




#69  
o-Xylene  
Concen: 19.972 ug/l  
RT: 12.116 min Scan# 1790  
Delta R.T. 0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

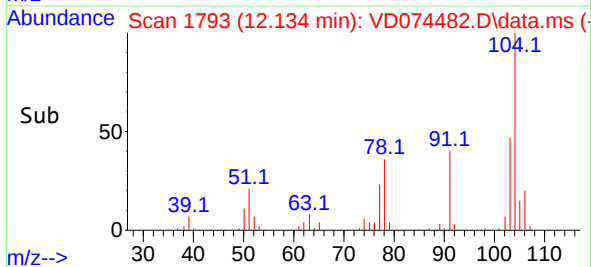
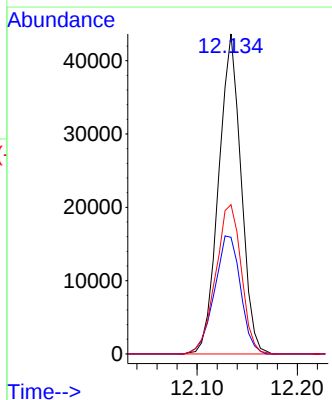
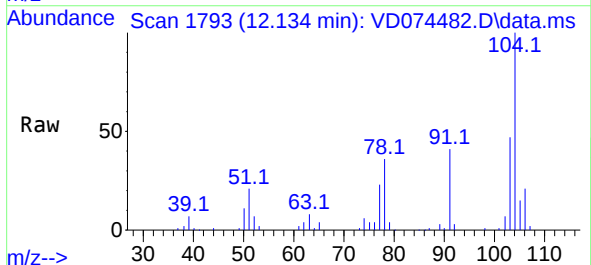
Instrument :  
MSVOA\_D  
ClientSampleId :

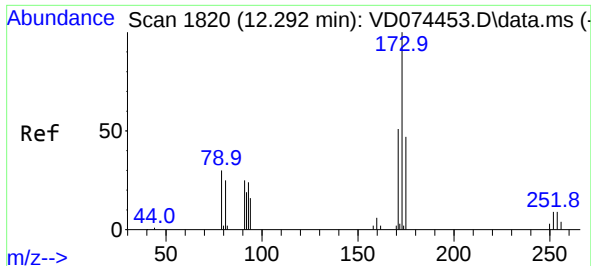
Tgt Ion:106 Resp: 38055  
Ion Ratio Lower Upper  
106 100  
91 210.6 104.5 313.3



#70  
Styrene  
Concen: 20.756 ug/l  
RT: 12.134 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

Tgt Ion:104 Resp: 67760  
Ion Ratio Lower Upper  
104 100  
78 43.0 35.7 53.5  
103 53.4 43.7 65.5

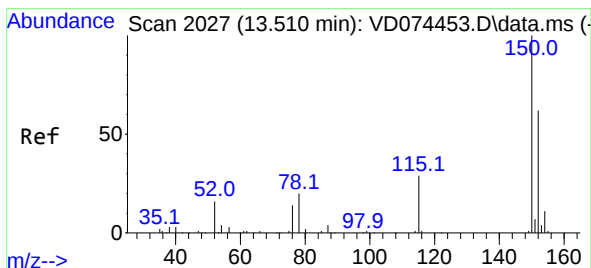
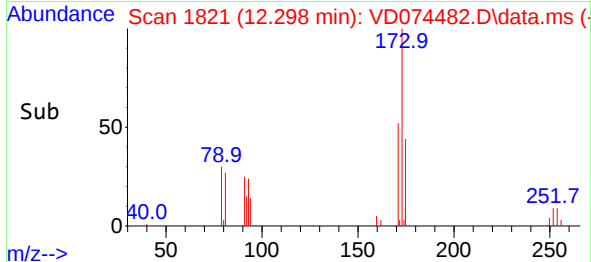
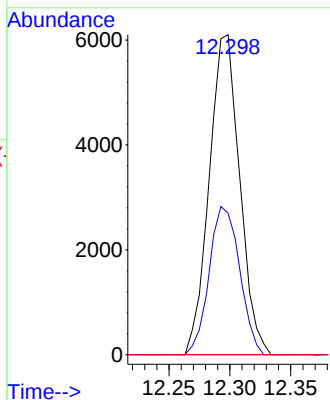
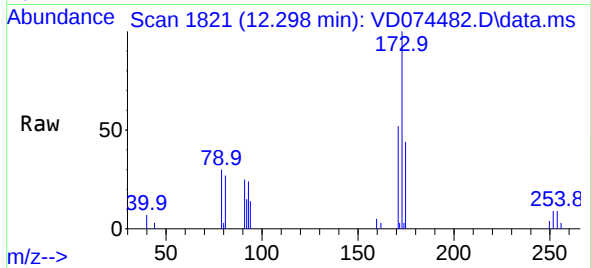




#71  
Bromoform  
Concen: 20.511 ug/l  
RT: 12.298 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

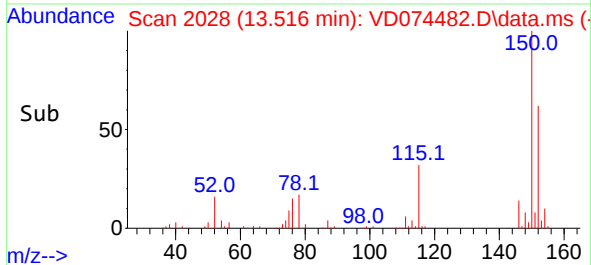
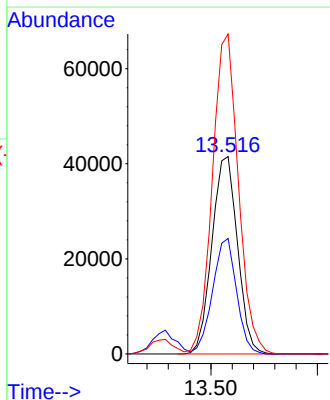
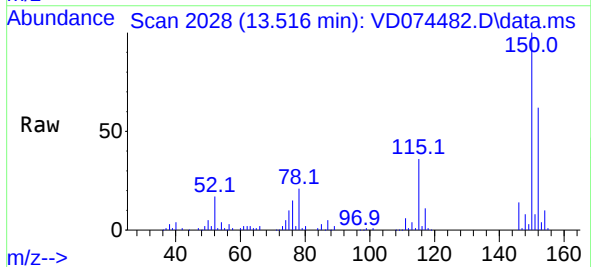
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MSVOA\_D  
ClientSampleId :

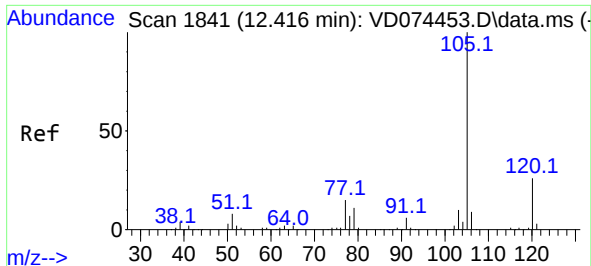
Tgt Ion:173 Resp: 10622  
Ion Ratio Lower Upper  
173 100  
175 46.3 23.1 69.3  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.516 min Scan# 2028  
Delta R.T. 0.006 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

Tgt Ion:152 Resp: 69152  
Ion Ratio Lower Upper  
152 100  
115 54.9 26.8 80.4  
150 164.6 0.0 348.2

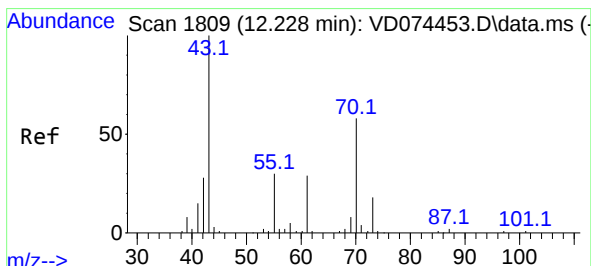
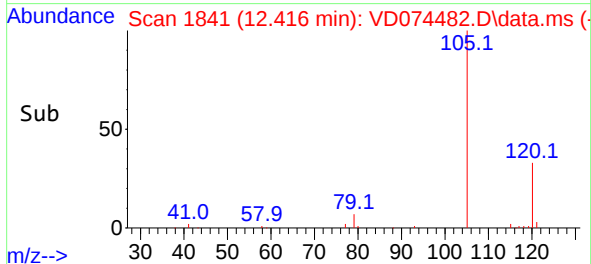
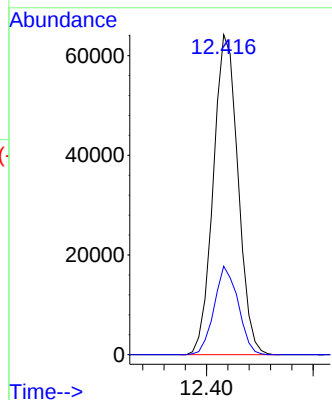
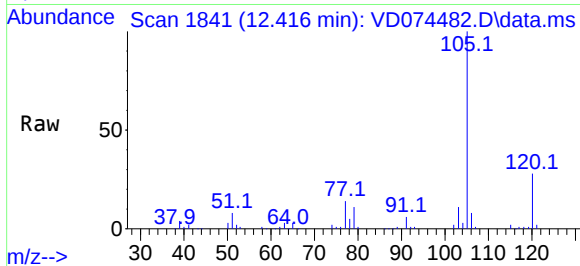




#73  
Isopropylbenzene  
Concen: 20.294 ug/l  
RT: 12.416 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

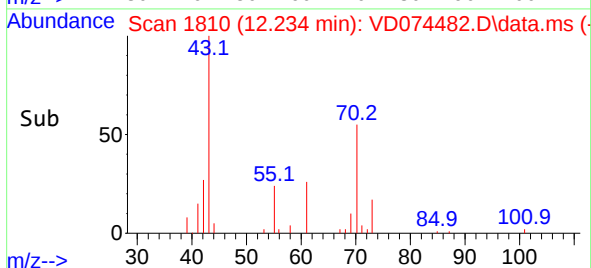
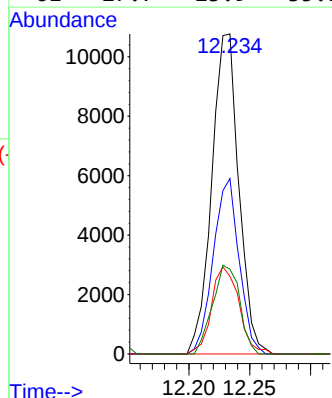
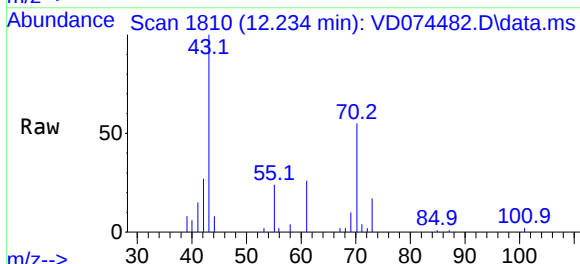
Instrument :  
MSVOA\_D  
ClientSampleId :

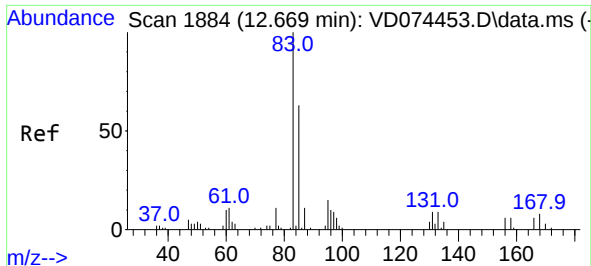
Tgt Ion:105 Resp: 103210  
Ion Ratio Lower Upper  
105 100  
120 26.8 13.5 40.4



#74  
N-ethyl acetate  
Concen: 19.131 ug/l  
RT: 12.234 min Scan# 1810  
Delta R.T. 0.006 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

Tgt Ion: 43 Resp: 16638  
Ion Ratio Lower Upper  
43 100  
70 52.4 43.8 65.6  
55 27.7 22.0 33.0  
61 27.7 23.9 35.9

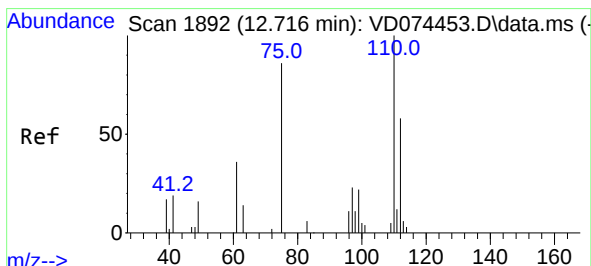
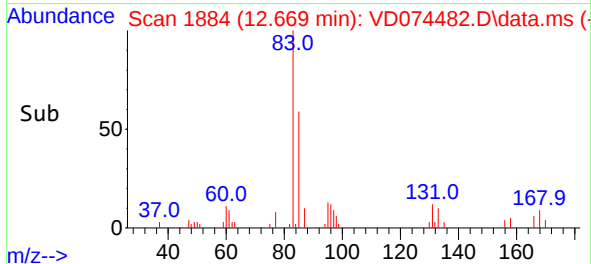
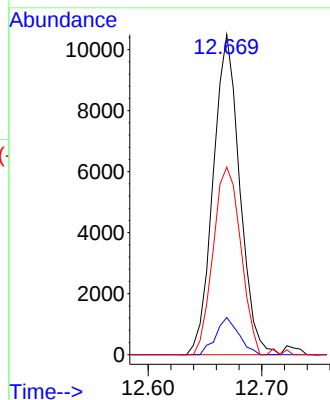
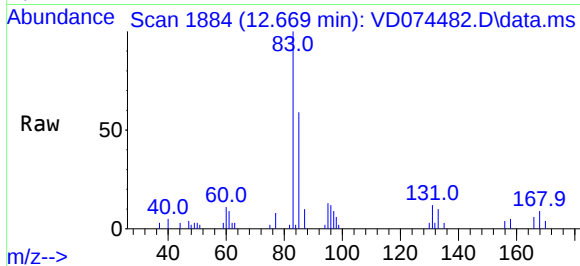




#75  
1,1,2,2-Tetrachloroethane  
Concen: 20.145 ug/l  
RT: 12.669 min Scan# 1884  
Delta R.T. 0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

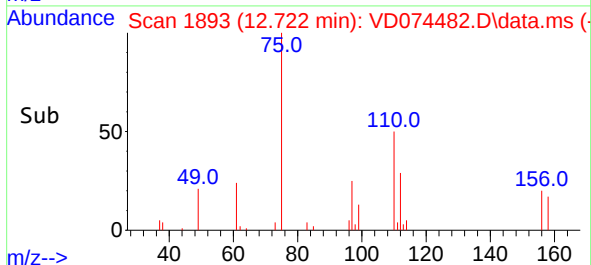
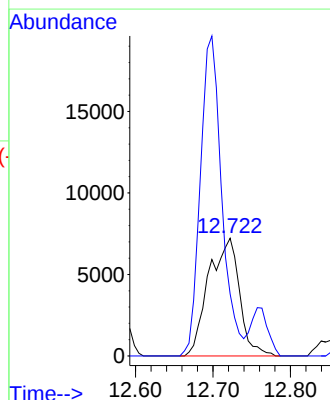
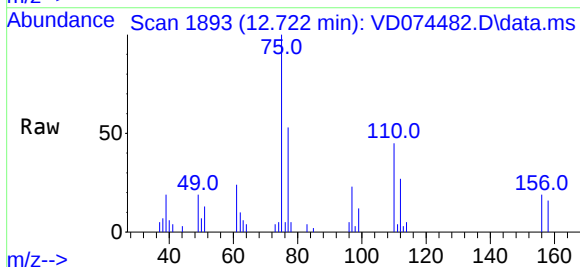
Instrument :  
MSVOA\_D  
ClientSampleId :

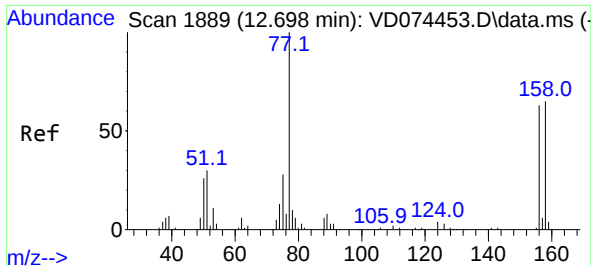
Tgt Ion: 83 Resp: 17031  
Ion Ratio Lower Upper  
83 100  
131 10.0 4.7 14.1  
85 60.7 33.1 99.2



#76  
1,2,3-Trichloropropane  
Concen: 37.699 ug/l  
RT: 12.722 min Scan# 1893  
Delta R.T. 0.006 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

Tgt Ion: 75 Resp: 20012  
Ion Ratio Lower Upper  
75 100  
77 0.0 185.8 557.5#

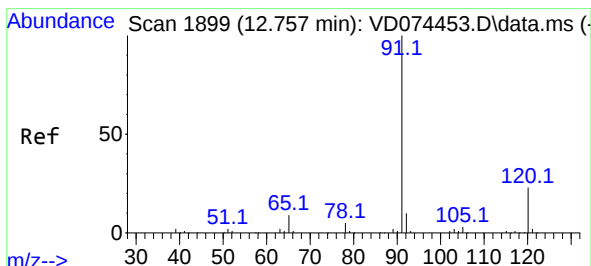
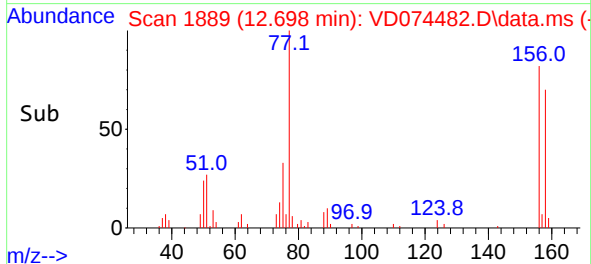
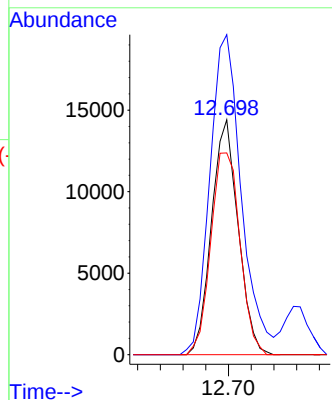
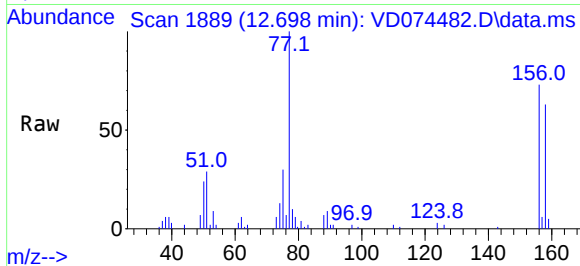




#77  
Bromobenzene  
Concen: 20.314 ug/l  
RT: 12.698 min Scan# 1889  
Delta R.T. 0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

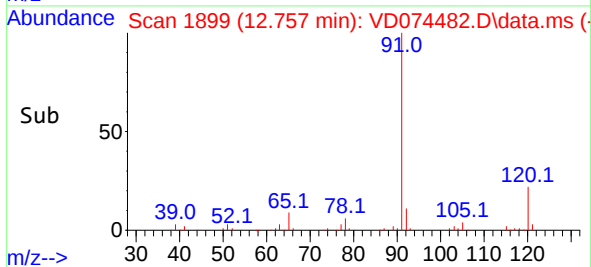
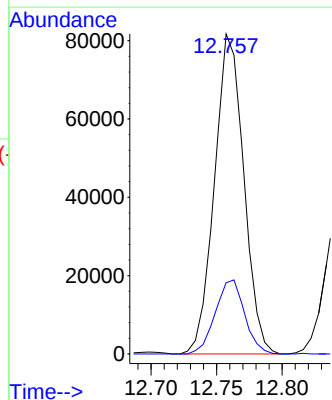
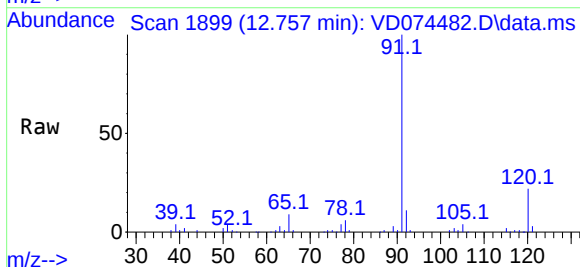
Instrument :  
MSVOA\_D  
ClientSampleId :

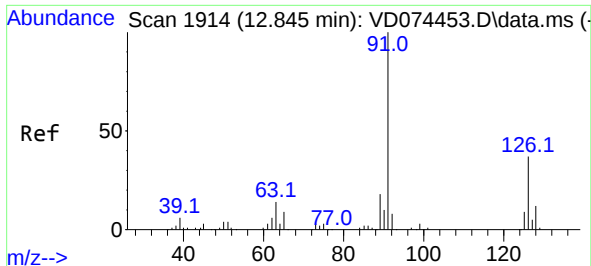
Tgt Ion:156 Resp: 23487  
Ion Ratio Lower Upper  
156 100  
77 160.8 77.7 233.1  
158 94.1 49.4 148.2



#78  
n-propylbenzene  
Concen: 20.397 ug/l  
RT: 12.757 min Scan# 1899  
Delta R.T. 0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

Tgt Ion: 91 Resp: 126734  
Ion Ratio Lower Upper  
91 100  
120 23.1 11.9 35.7

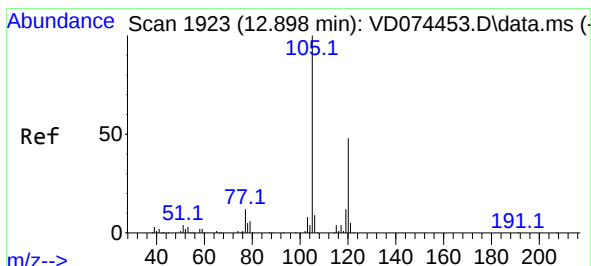
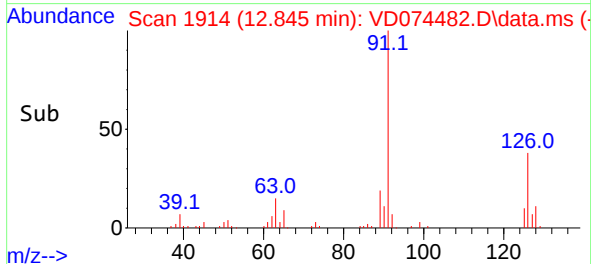
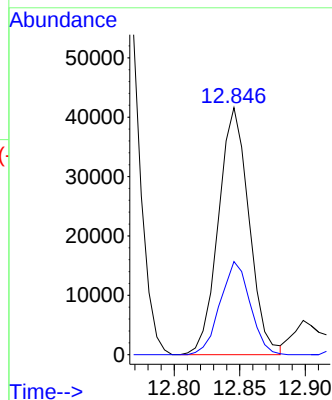
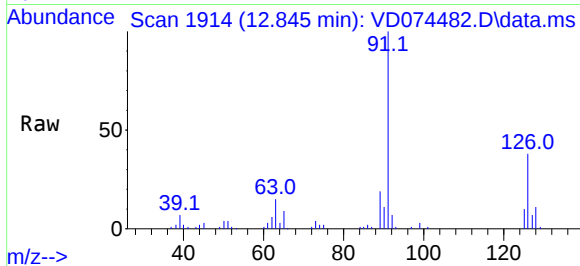




#79  
2-Chlorotoluene  
Concen: 20.446 ug/l  
RT: 12.845 min Scan# 1914  
Delta R.T. 0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

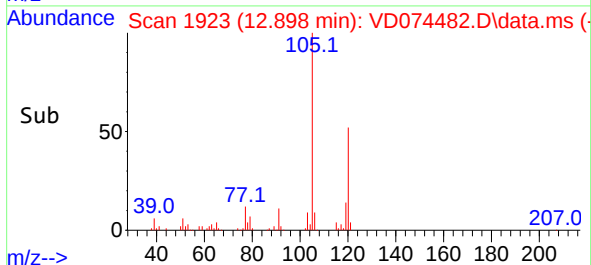
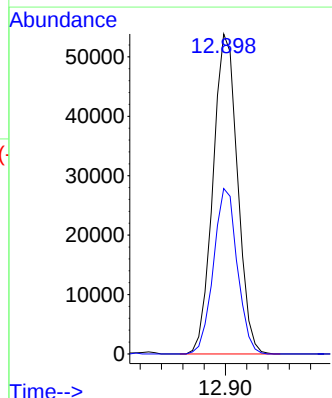
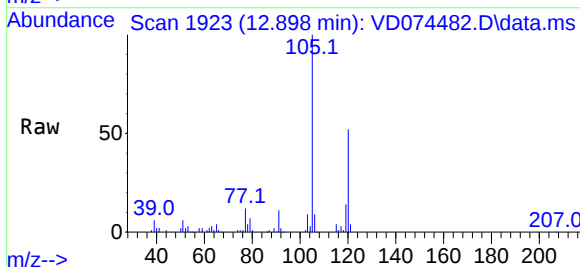
Instrument :  
MSVOA\_D  
ClientSampleId :

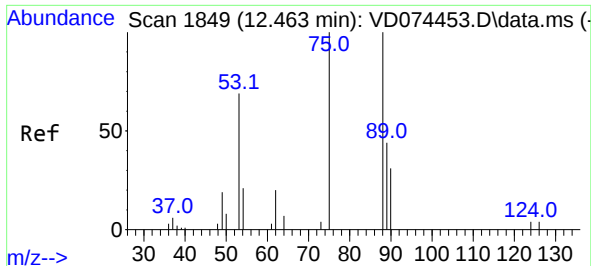
Tgt Ion: 91 Resp: 67661  
Ion Ratio Lower Upper  
91 100  
126 36.8 18.3 54.8



#80  
1,3,5-Trimethylbenzene  
Concen: 20.455 ug/l  
RT: 12.898 min Scan# 1923  
Delta R.T. 0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

Tgt Ion: 105 Resp: 85940  
Ion Ratio Lower Upper  
105 100  
120 50.2 25.7 77.0

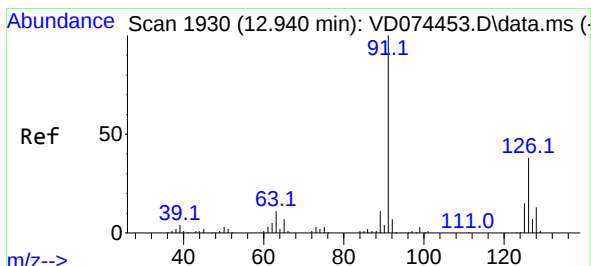
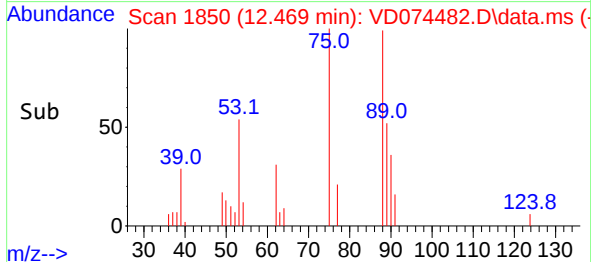
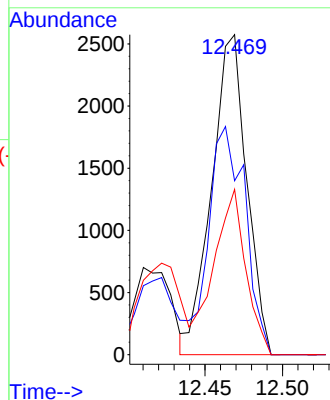
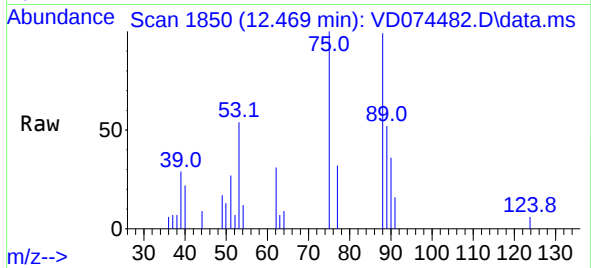




#81  
trans-1,4-Dichloro-2-butene  
Concen: 16.997 ug/l  
RT: 12.469 min Scan# 1849  
Delta R.T. 0.006 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

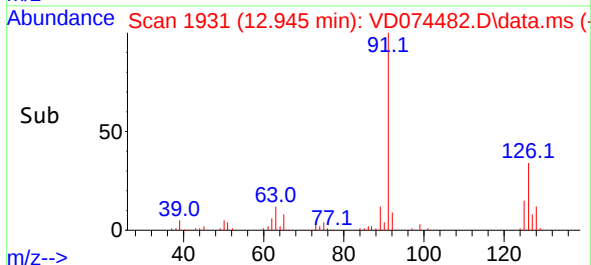
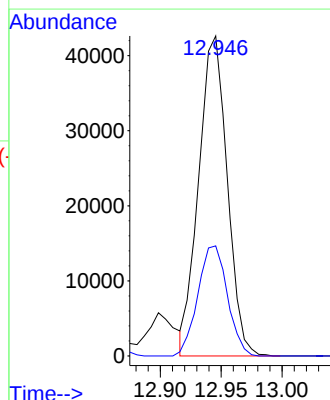
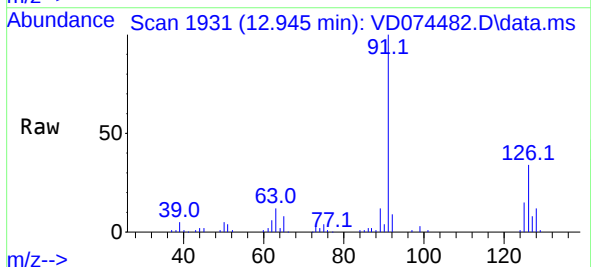
Instrument :  
MSVOA\_D  
ClientSampleId :

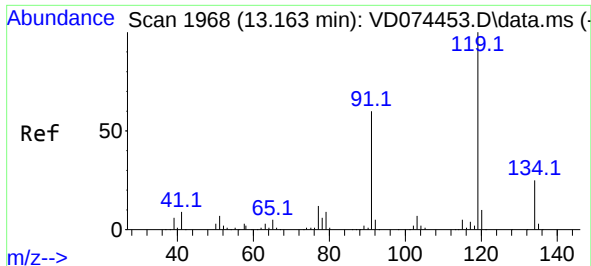
Tgt Ion: 75 Resp: 4044  
Ion Ratio Lower Upper  
75 100  
53 73.5 63.8 95.6  
89 47.3 38.2 57.4



#82  
4-Chlorotoluene  
Concen: 20.576 ug/l  
RT: 12.945 min Scan# 1931  
Delta R.T. 0.006 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

Tgt Ion: 91 Resp: 69516  
Ion Ratio Lower Upper  
91 100  
126 35.6 18.8 56.4

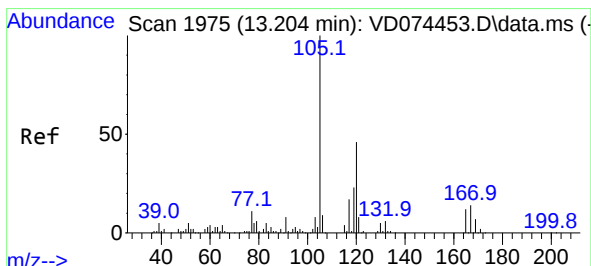
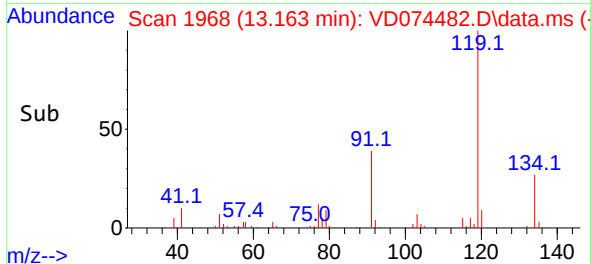
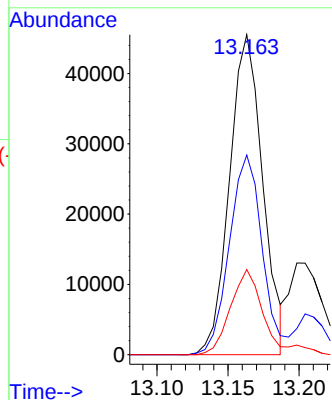
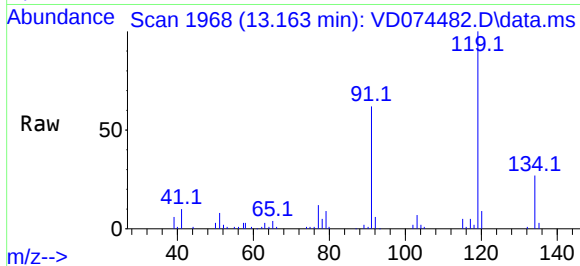




#83  
tert-Butylbenzene  
Concen: 20.450 ug/l  
RT: 13.163 min Scan# 1968  
Delta R.T. 0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

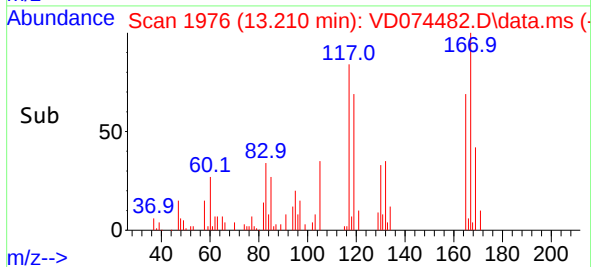
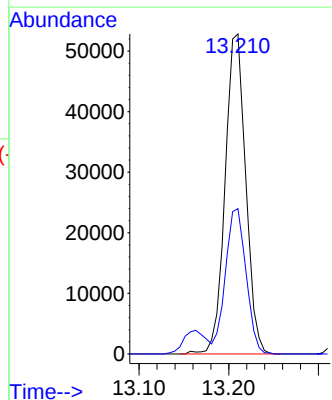
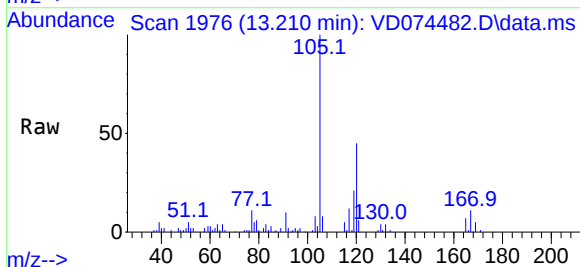
Instrument :  
MSVOA\_D  
ClientSampleId :

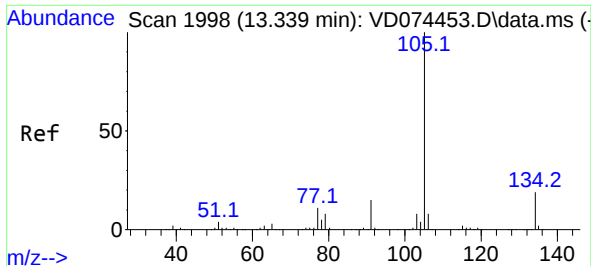
Tgt Ion:119 Resp: 73930  
Ion Ratio Lower Upper  
119 100  
91 62.3 30.0 90.0  
134 27.0 13.4 40.1



#84  
1,2,4-Trimethylbenzene  
Concen: 20.423 ug/l  
RT: 13.210 min Scan# 1976  
Delta R.T. 0.006 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

Tgt Ion:105 Resp: 84313  
Ion Ratio Lower Upper  
105 100  
120 45.4 22.9 68.7

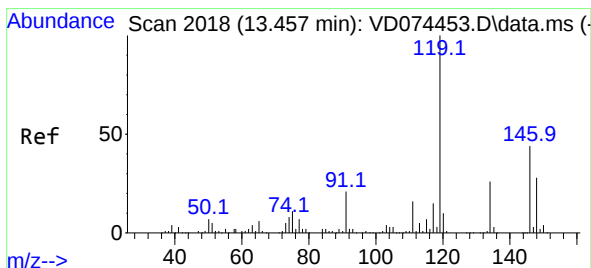
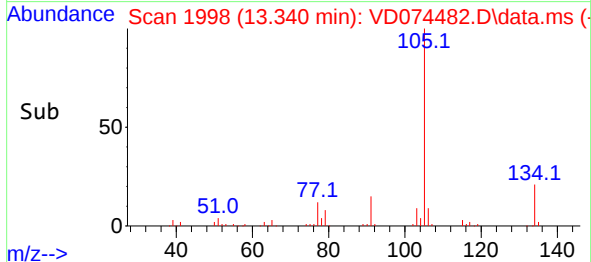
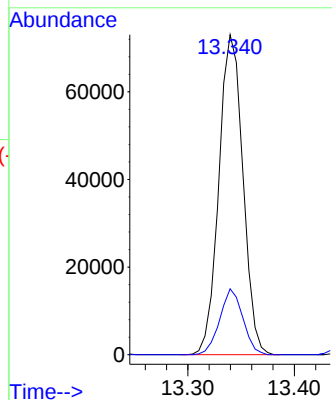
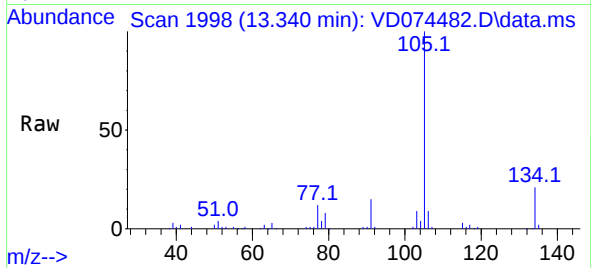




#85  
sec-Butylbenzene  
Concen: 20.564 ug/l  
RT: 13.340 min Scan# 1998  
Delta R.T. 0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

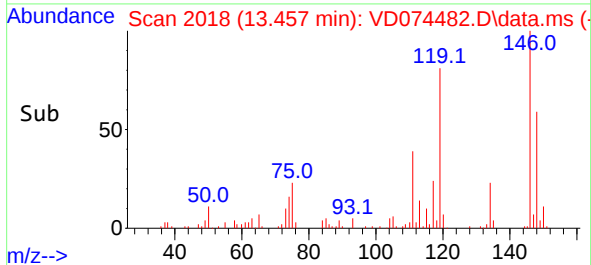
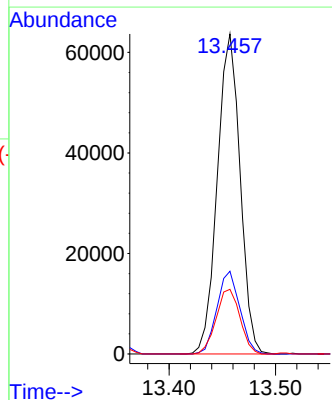
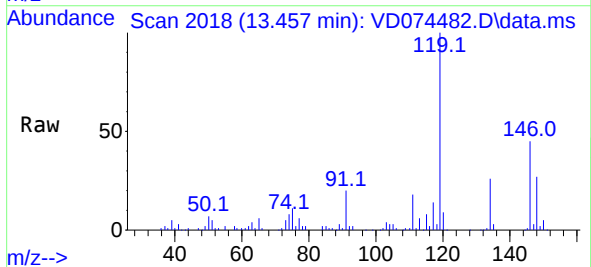
Instrument :  
MSVOA\_D  
ClientSampleId :

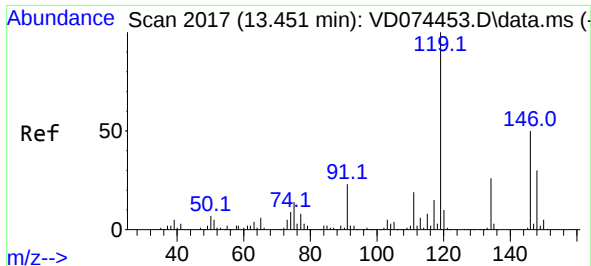
Tgt Ion:105 Resp: 114521  
Ion Ratio Lower Upper  
105 100  
134 19.7 10.0 30.0



#86  
p-Isopropyltoluene  
Concen: 20.559 ug/l  
RT: 13.457 min Scan# 2018  
Delta R.T. 0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

Tgt Ion:119 Resp: 94444  
Ion Ratio Lower Upper  
119 100  
134 25.9 13.5 40.4  
91 21.1 10.8 32.4





#87

1,3-Dichlorobenzene

Concen: 20.350 ug/l

RT: 13.457 min Scan# 2017

Delta R.T. 0.006 min

Lab File: VD074482.D

Acq: 07 Oct 2022 10:35

Instrument :

MSVOA\_D

ClientSampleId :

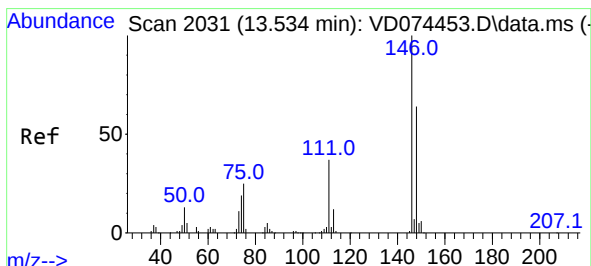
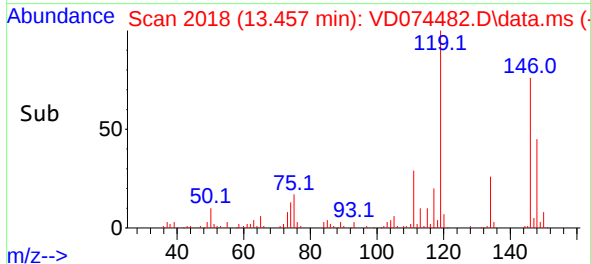
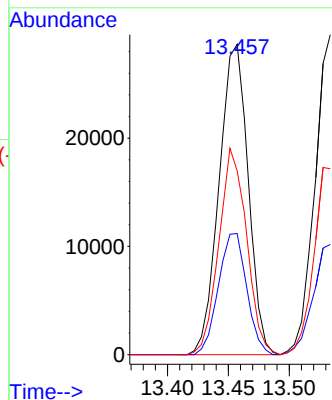
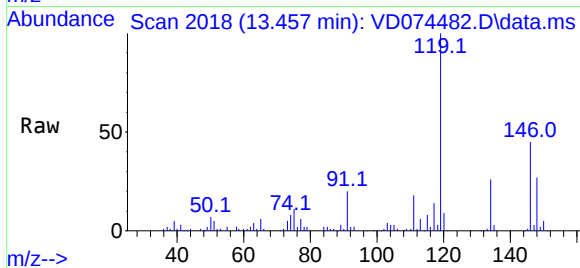
Tgt Ion:146 Resp: 47617

Ion Ratio Lower Upper

146 100

111 38.0 18.3 54.8

148 63.5 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 20.492 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VD074482.D

Acq: 07 Oct 2022 10:35

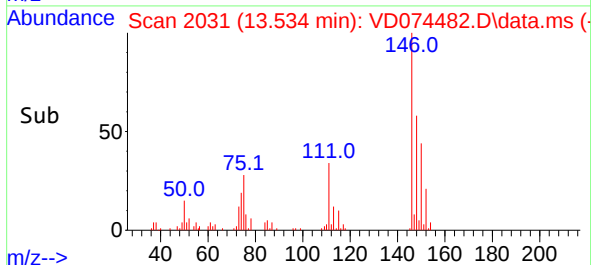
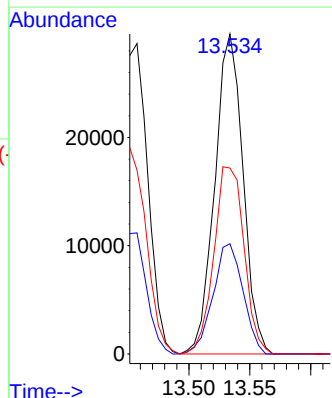
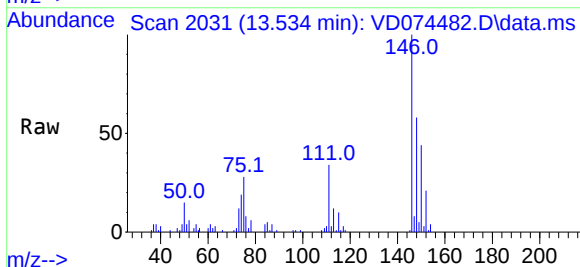
Tgt Ion:146 Resp: 47732

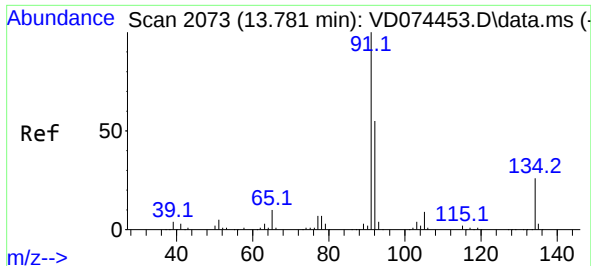
Ion Ratio Lower Upper

146 100

111 36.5 17.7 53.1

148 62.5 32.3 96.9

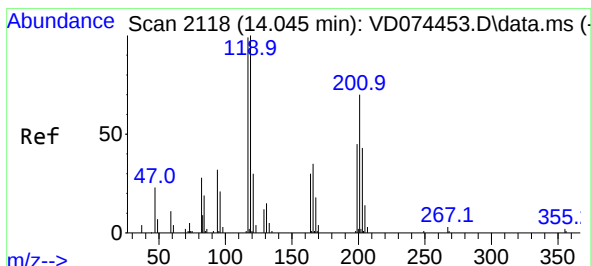
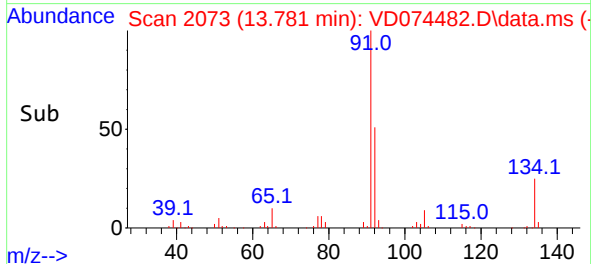
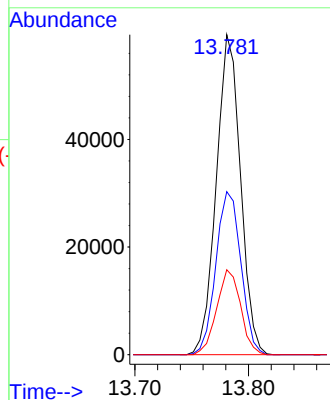
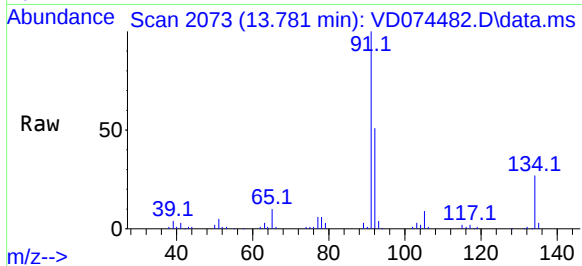




#89  
n-Butylbenzene  
Concen: 20.496 ug/l  
RT: 13.781 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

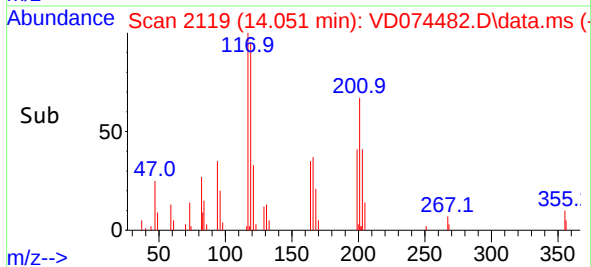
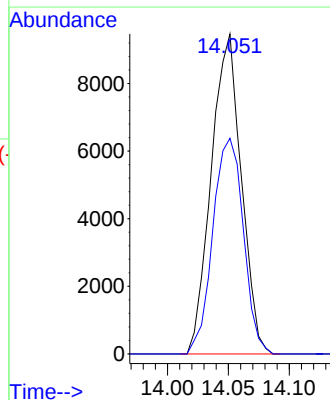
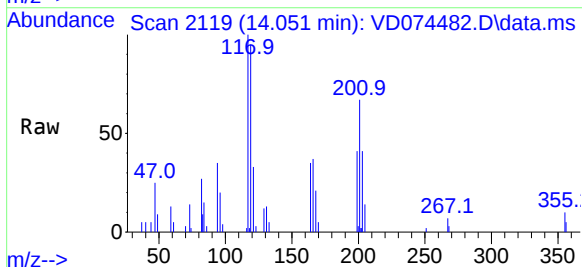
Instrument :  
MSVOA\_D  
ClientSampleId :

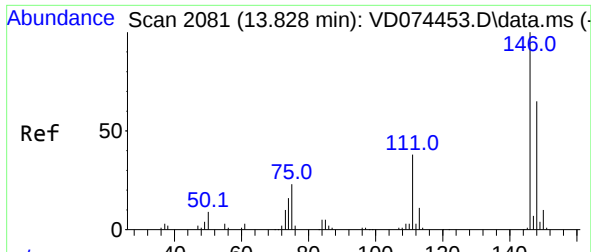
Tgt Ion: 91 Resp: 88190  
Ion Ratio Lower Upper  
91 100  
92 52.6 26.9 80.7  
134 26.2 13.4 40.2



#90  
Hexachloroethane  
Concen: 19.967 ug/l  
RT: 14.051 min Scan# 2119  
Delta R.T. 0.006 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

Tgt Ion: 117 Resp: 16272  
Ion Ratio Lower Upper  
117 100  
201 68.5 38.0 114.0





#91

1,2-Dichlorobenzene

Concen: 20.315 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

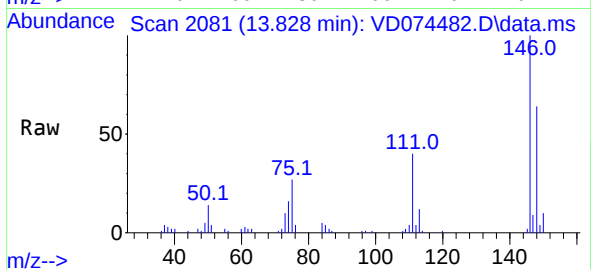
Lab File: VD074482.D

Acq: 07 Oct 2022 10:35

Instrument :

MSVOA\_D

ClientSampleId :



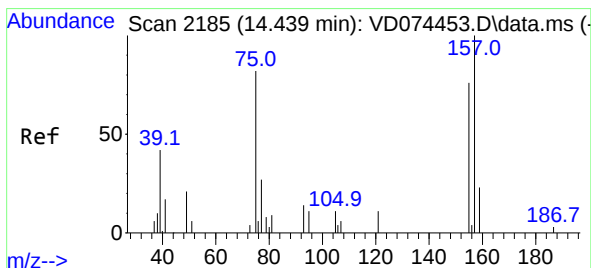
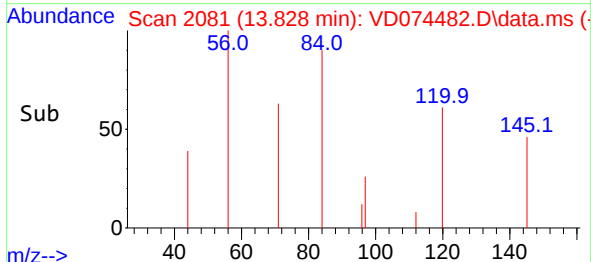
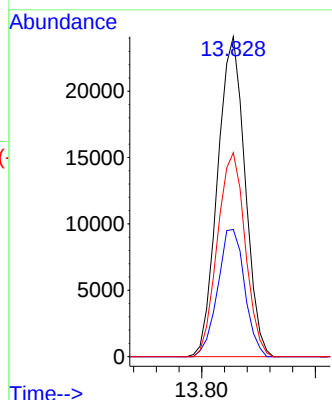
Tgt Ion:146 Resp: 40431

Ion Ratio Lower Upper

146 100

111 39.1 18.9 56.5

148 64.4 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.347 ug/l

RT: 14.440 min Scan# 2185

Delta R.T. 0.000 min

Lab File: VD074482.D

Acq: 07 Oct 2022 10:35

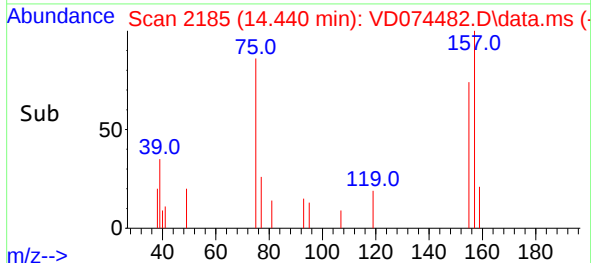
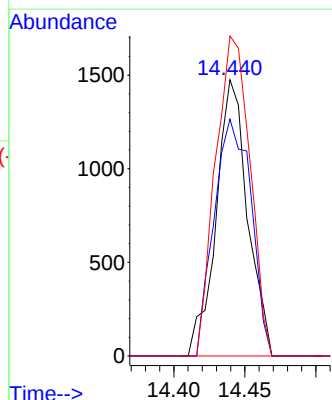
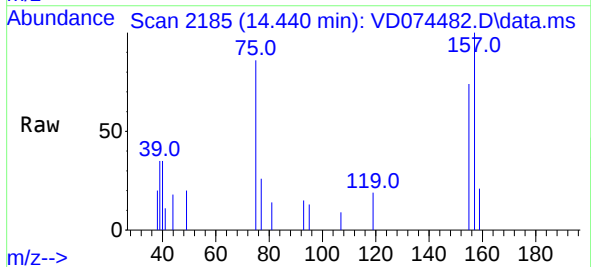
Tgt Ion: 75 Resp: 2272

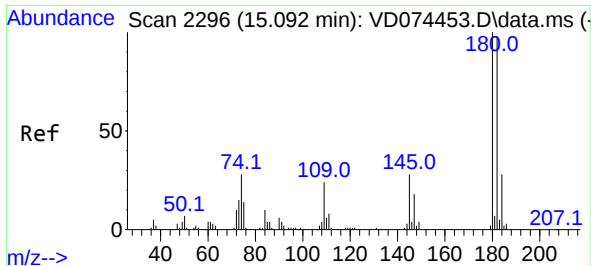
Ion Ratio Lower Upper

75 100

155 100.4 51.2 153.8

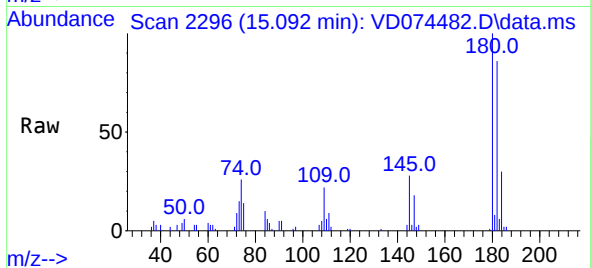
157 127.0 68.2 204.5



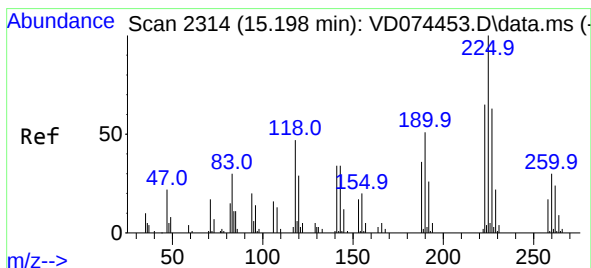
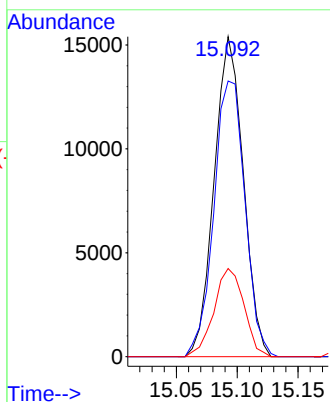
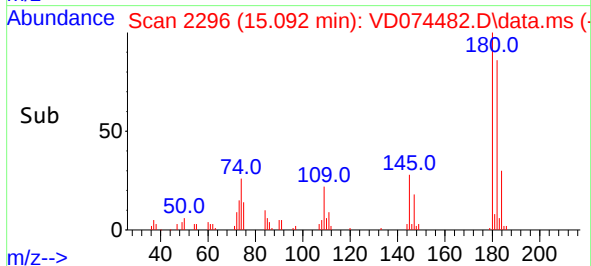


#93  
1,2,4-Trichlorobenzene  
Concen: 19.835 ug/l  
RT: 15.092 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

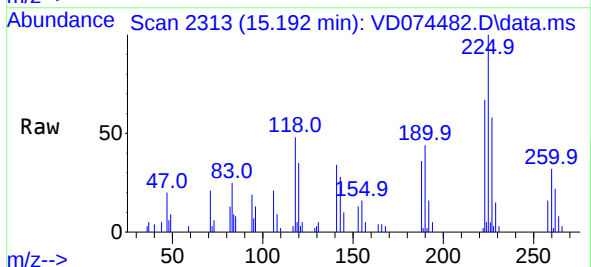
Instrument :  
MSVOA\_D  
ClientSampleId :



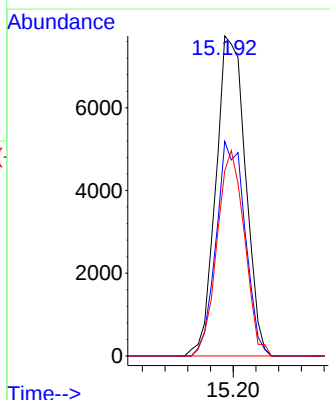
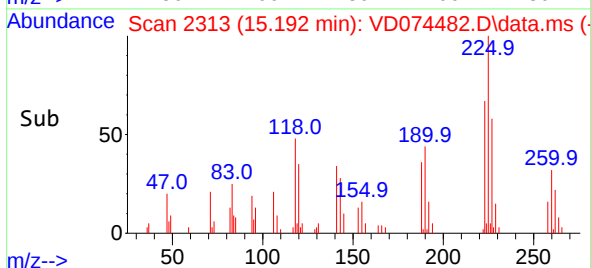
Tgt Ion:180 Resp: 25617  
Ion Ratio Lower Upper  
180 100  
182 92.2 46.9 140.6  
145 28.5 14.1 42.3

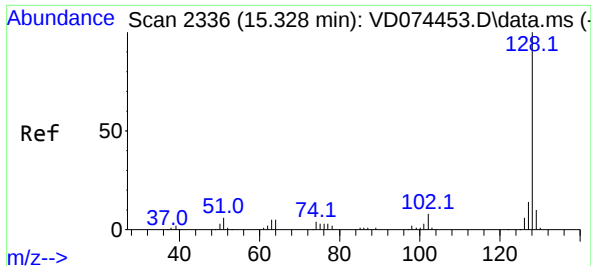


#94  
Hexachlorobutadiene  
Concen: 20.732 ug/l  
RT: 15.192 min Scan# 2313  
Delta R.T. -0.006 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35



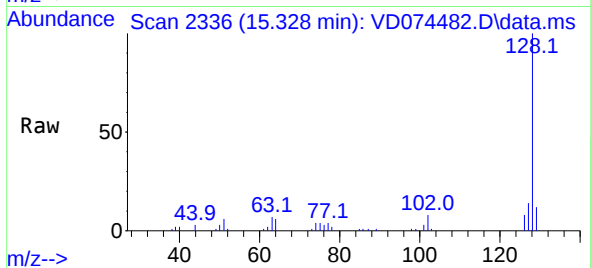
Tgt Ion:225 Resp: 13958  
Ion Ratio Lower Upper  
225 100  
223 65.4 31.9 95.5  
227 59.7 32.6 97.8



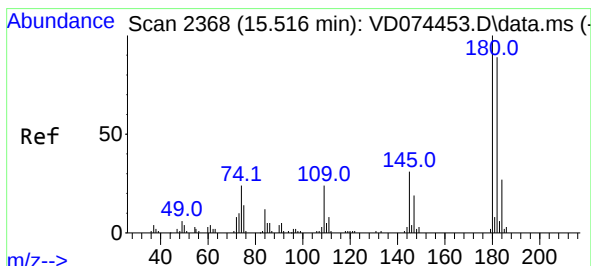
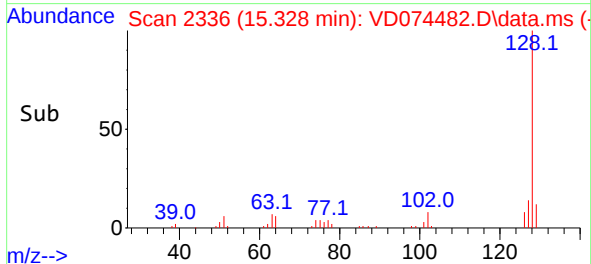
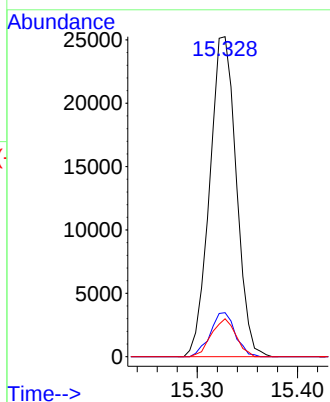


#95  
Naphthalene  
Concen: 18.913 ug/l  
RT: 15.328 min Scan# 2336  
Delta R.T. 0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

Instrument :  
MSVOA\_D  
ClientSampleId :



Tgt Ion:128 Resp: 46604  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.6 16.0  
129 10.9 8.3 12.5



#96  
1,2,3-Trichlorobenzene  
Concen: 19.689 ug/l  
RT: 15.516 min Scan# 2368  
Delta R.T. 0.000 min  
Lab File: VD074482.D  
Acq: 07 Oct 2022 10:35

Tgt Ion:180 Resp: 22026  
Ion Ratio Lower Upper  
180 100  
182 94.4 46.7 140.1  
145 29.8 14.9 44.7

