

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD092222\  
 Data File : VD074396.D  
 Acq On : 22 Sep 2022 10:46  
 Operator : VA/SY  
 Sample : VSTDICC005  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDICC005

Quant Time: Sep 23 07:02:51 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D092222S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 23 06:55:43 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.875  | 168   | 80608    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.775  | 114   | 145727   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.581 | 117   | 132454   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.516 | 152   | 63943    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.222  | 65    | 4595     | 5.358    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 10.720%# |
| 35) Dibromofluoromethane     | 7.805  | 113   | 4633     | 4.581    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 9.160%#  |
| 50) Toluene-d8               | 10.269 | 98    | 19542    | 5.488    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | =      | 10.980%# |
| 62) 4-Bromofluorobenzene     | 12.569 | 95    | 5532     | 3.971    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | =      | 7.940%#  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.929  | 85    | 3036     | 4.218    | ug/l   | 96       |
| 3) Chloromethane             | 2.140  | 50    | 5485     | 5.595    | ug/l # | 88       |
| 4) Vinyl Chloride            | 2.276  | 62    | 2493     | 4.215    | ug/l   | 98       |
| 5) Bromomethane              | 2.687  | 94    | 671      | 3.132    | ug/l   | 99       |
| 6) Chloroethane              | 2.828  | 64    | 1400     | 3.744    | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 3.158  | 101   | 6193     | 4.650    | ug/l   | 92       |
| 8) Diethyl Ether             | 3.587  | 74    | 1984     | 4.402    | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 3.958  | 101   | 4492     | 5.030    | ug/l   | 92       |
| 11) Tert butyl alcohol       | 5.022  | 59    | 10605    | 45.182   | ug/l # | 75       |
| 12) 1,1-Dichloroethene       | 3.934  | 96    | 4228     | 4.856    | ug/l # | 74       |
| 13) Acrolein                 | 3.793  | 56    | 764      | 23.409   | ug/l # | 69       |
| 14) Allyl chloride           | 4.552  | 41    | 5898     | 4.472    | ug/l # | 74       |
| 15) Acrylonitrile            | 5.258  | 53    | 5055     | 23.201   | ug/l # | 88       |
| 16) Acetone                  | 4.023  | 43    | 5134     | 28.358   | ug/l   | 94       |
| 17) Carbon Disulfide         | 4.258  | 76    | 8583     | 3.671    | ug/l # | 93       |
| 18) Methyl Acetate           | 4.564  | 43    | 4121     | 6.556    | ug/l # | 84       |
| 19) Methyl tert-butyl Ether  | 5.305  | 73    | 9634     | 4.559    | ug/l   | 97       |
| 20) Methylene Chloride       | 4.799  | 84    | 17464    | 9.233    | ug/l   | 90       |
| 21) trans-1,2-Dichloroethene | 5.293  | 96    | 4300     | 4.419    | ug/l # | 75       |
| 22) Diisopropyl ether        | 6.211  | 45    | 12937    | 4.430    | ug/l   | 96       |
| 23) Vinyl Acetate            | 6.152  | 43    | 16102    | 12.593   | ug/l   | 95       |
| 24) 1,1-Dichloroethane       | 6.099  | 63    | 8888     | 4.836    | ug/l   | 97       |
| 25) 2-Butanone               | 7.075  | 43    | 7386     | 25.279   | ug/l   | 95       |
| 26) 2,2-Dichloropropane      | 7.075  | 77    | 8109     | 4.959    | ug/l   | 96       |
| 27) cis-1,2-Dichloroethene   | 7.075  | 96    | 5441     | 4.752    | ug/l   | 96       |
| 28) Bromochloromethane       | 7.422  | 49    | 3066     | 4.521    | ug/l # | 89       |
| 29) Tetrahydrofuran          | 7.452  | 42    | 4351     | 25.755   | ug/l   | 92       |
| 30) Chloroform               | 7.593  | 83    | 8970     | 4.951    | ug/l   | 86       |
| 31) Cyclohexane              | 7.869  | 56    | 8807     | 5.494    | ug/l # | 88       |
| 32) 1,1,1-Trichloroethane    | 7.799  | 97    | 7321     | 4.695    | ug/l   | 93       |
| 36) 1,1-Dichloropropene      | 8.011  | 75    | 6114     | 4.116    | ug/l   | 98       |
| 37) Ethyl Acetate            | 7.158  | 43    | 2827     | 4.486    | ug/l # | 82       |
| 38) Carbon Tetrachloride     | 7.987  | 117   | 4807     | 3.921    | ug/l   | 86       |
| 39) Methylcyclohexane        | 9.269  | 83    | 6881     | 3.934    | ug/l   | 88       |
| 40) Benzene                  | 8.252  | 78    | 18486    | 4.281    | ug/l   | 94       |
| 41) Methacrylonitrile        | 7.405  | 41    | 1249     | 3.684    | ug/l # | 58       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD092222\  
 Data File : VD074396.D  
 Acq On : 22 Sep 2022 10:46  
 Operator : VA/SY  
 Sample : VSTDICC005  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDICC005

Quant Time: Sep 23 07:02:51 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D092222S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 23 06:55:43 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 42) 1,2-Dichloroethane        | 8.316  | 62   | 4964     | 4.508  | ug/l   | 93       |
| 43) Isopropyl Acetate         | 8.358  | 43   | 5818     | 4.680  | ug/l # | 85       |
| 44) Trichloroethene           | 9.028  | 130  | 5524     | 4.922  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.305  | 63   | 5176     | 4.586  | ug/l # | 88       |
| 46) Dibromomethane            | 9.393  | 93   | 2536     | 4.492  | ug/l   | 89       |
| 47) Bromodichloromethane      | 9.581  | 83   | 6771     | 4.797  | ug/l # | 88       |
| 48) Methyl methacrylate       | 9.381  | 41   | 2642     | 4.616  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.375  | 88   | 443      | 66.614 | ug/l # | 94       |
| 51) 4-Methyl-2-Pentanone      | 10.163 | 43   | 14045    | 21.906 | ug/l   | 94       |
| 52) Toluene                   | 10.328 | 92   | 11637    | 4.309  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.552 | 75   | 5809     | 4.275  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.016 | 75   | 7170     | 4.290  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 10.734 | 97   | 3927     | 4.949  | ug/l # | 93       |
| 56) Ethyl methacrylate        | 10.599 | 69   | 4075     | 4.081  | ug/l   | 94       |
| 57) 1,3-Dichloropropane       | 10.875 | 76   | 5718     | 4.123  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether | 9.869  | 63   | 2482     | 14.619 | ug/l # | 89       |
| 59) 2-Hexanone                | 10.922 | 43   | 9283     | 21.193 | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.075 | 129  | 4042     | 4.460  | ug/l   | 95       |
| 61) 1,2-Dibromoethane         | 11.181 | 107  | 3438     | 4.777  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.810 | 164  | 5156     | 5.383  | ug/l   | 94       |
| 65) Chlorobenzene             | 11.604 | 112  | 12574    | 4.443  | ug/l   | 93       |
| 66) 1,1,1,2-Tetrachloroethane | 11.681 | 131  | 4319     | 4.413  | ug/l   | 96       |
| 67) Ethyl Benzene             | 11.681 | 91   | 22416    | 4.270  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.787 | 106  | 16821    | 8.544  | ug/l   | 97       |
| 69) o-Xylene                  | 12.116 | 106  | 8321     | 4.452  | ug/l   | 96       |
| 70) Styrene                   | 12.134 | 104  | 14030    | 4.338  | ug/l   | 99       |
| 71) Bromoform                 | 12.293 | 173  | 2318     | 4.528  | ug/l # | 96       |
| 73) Isopropylbenzene          | 12.416 | 105  | 22419    | 4.509  | ug/l   | 97       |
| 74) N-amyl acetate            | 12.228 | 43   | 5099     | 4.464  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.669 | 83   | 4374     | 4.831  | ug/l   | 90       |
| 76) 1,2,3-Trichloropropane    | 12.722 | 75   | 5140     | 9.357  | ug/l # | 100      |
| 77) Bromobenzene              | 12.699 | 156  | 4838     | 4.424  | ug/l   | 98       |
| 78) n-propylbenzene           | 12.757 | 91   | 27599    | 4.466  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.846 | 91   | 15067    | 4.572  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.899 | 105  | 18683    | 4.535  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.469 | 75   | 1072     | 4.127  | ug/l # | 100      |
| 82) 4-Chlorotoluene           | 12.946 | 91   | 15308    | 4.510  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.163 | 119  | 16007    | 4.451  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.204 | 105  | 17982    | 4.428  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.340 | 105  | 23680    | 4.309  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.451 | 119  | 19977    | 4.431  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.451 | 146  | 10376    | 4.653  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.534 | 146  | 10565    | 4.734  | ug/l   | 94       |
| 89) n-Butylbenzene            | 13.781 | 91   | 20039    | 4.520  | ug/l   | 100      |
| 90) Hexachloroethane          | 14.046 | 117  | 2730     | 3.714  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.828 | 146  | 8916     | 4.627  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.445 | 75   | 486      | 3.787  | ug/l   | 84       |
| 93) 1,2,4-Trichlorobenzene    | 15.092 | 180  | 6188     | 4.902  | ug/l   | 94       |
| 94) Hexachlorobutadiene       | 15.193 | 225  | 3695     | 5.182  | ug/l   | 88       |
| 95) Naphthalene               | 15.328 | 128  | 10317    | 4.242  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.516 | 180  | 5216     | 4.713  | ug/l   | 94       |

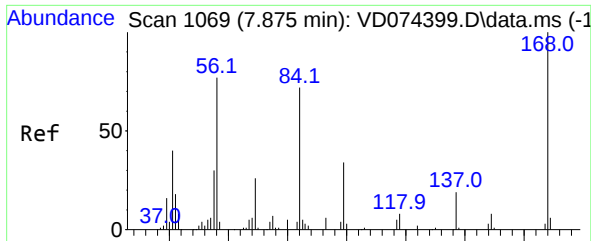
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD092222\  
Data File : VD074396.D  
Acq On : 22 Sep 2022 10:46  
Operator : VA/SY  
Sample : VSTDICC005  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC005

Quant Time: Sep 23 07:02:51 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D092222S.M  
Quant Title : SW846 8260  
QLast Update : Fri Sep 23 06:55:43 2022  
Response via : Initial Calibration

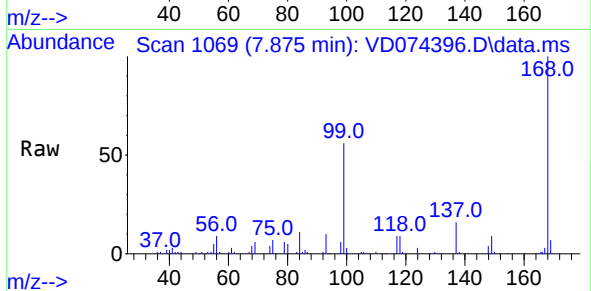
| Compound                                                             | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                |      |      |          |      |       |          |
| (#)=qualifier out of range (m)=manual integration (+)=signals summed |      |      |          |      |       |          |



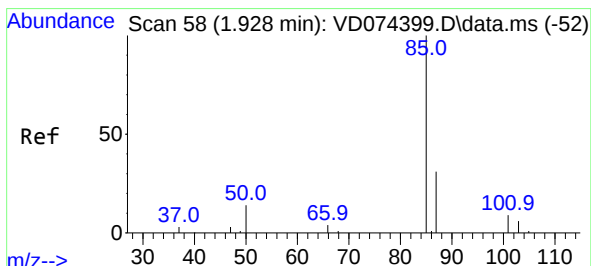
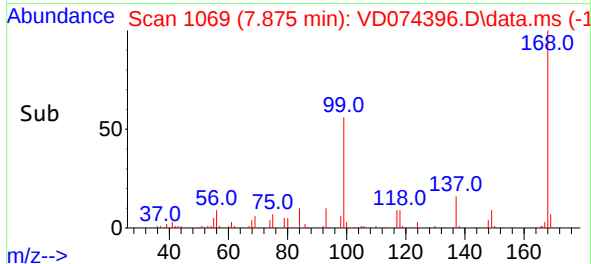
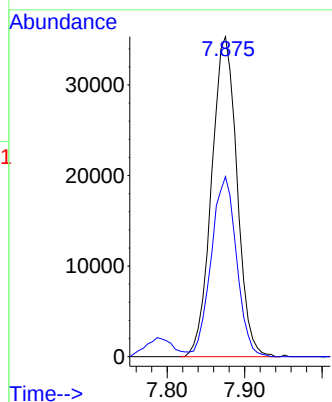


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.875 min Scan# 1069  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC005

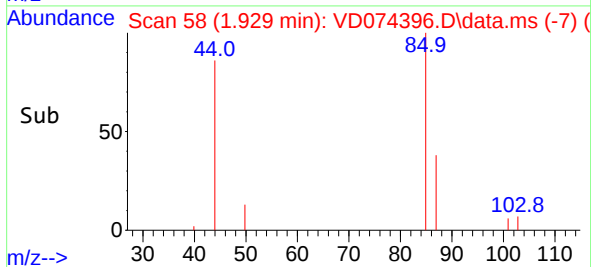
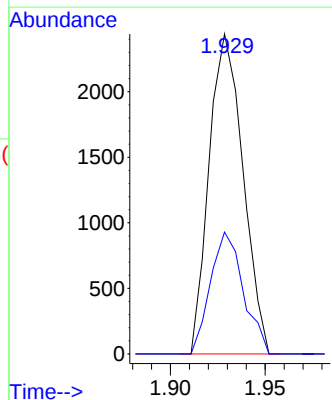
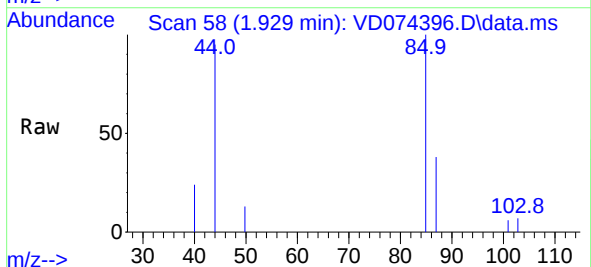


Tgt Ion:168 Resp: 80608  
Ion Ratio Lower Upper  
168 100  
99 56.2 43.0 64.6

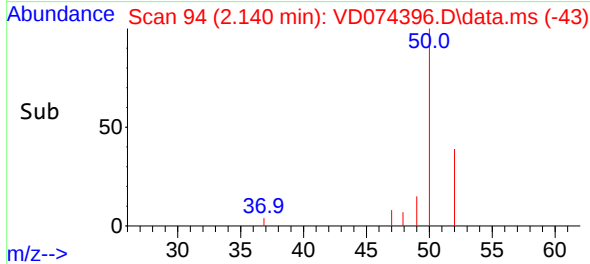
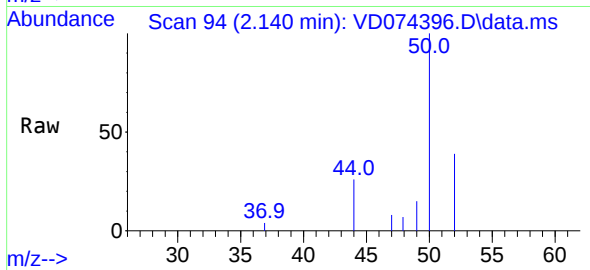
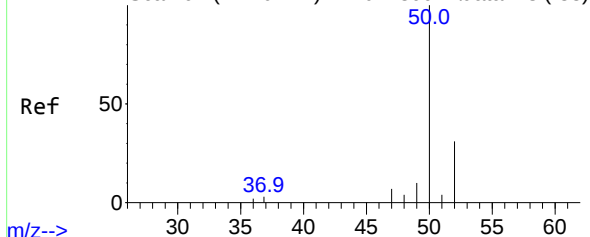


#2  
Dichlorodifluoromethane  
Concen: 4.218 ug/l  
RT: 1.929 min Scan# 58  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

Tgt Ion: 85 Resp: 3036  
Ion Ratio Lower Upper  
85 100  
87 38.1 17.9 53.7



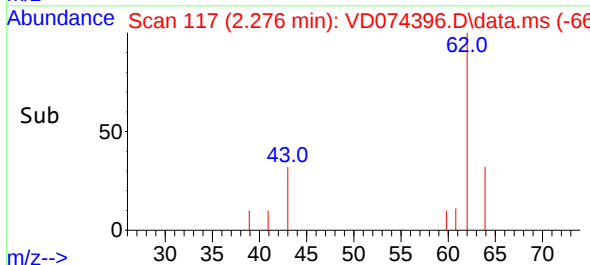
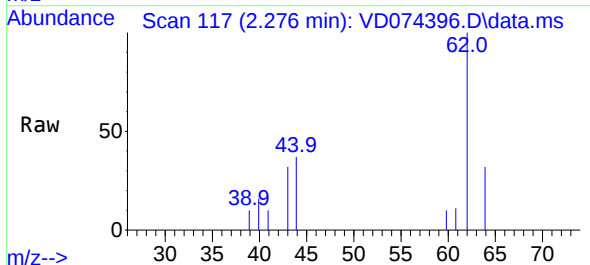
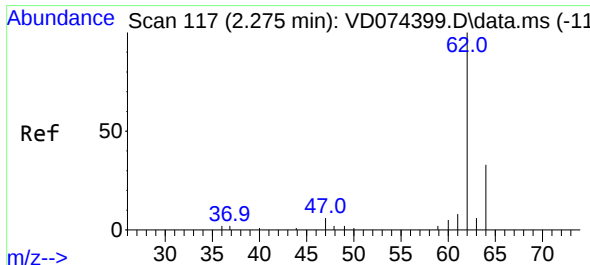
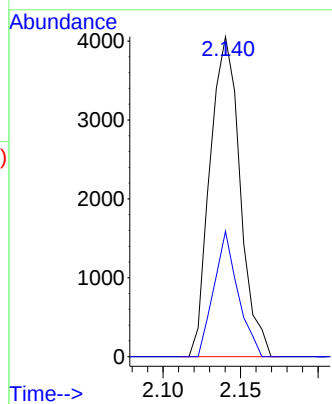
Abundance Scan 94 (2.140 min): VD074399.D\data.ms (-88)



#3  
Chloromethane  
Concen: 5.595 ug/l  
RT: 2.140 min Scan# 94  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

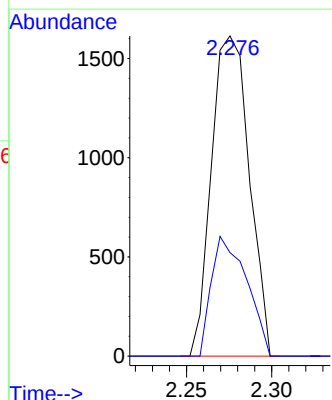
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC005

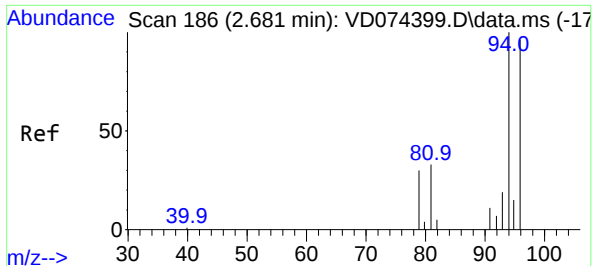
Tgt Ion: 50 Resp: 5485  
Ion Ratio Lower Upper  
50 100  
52 39.2 25.8 38.8#



#4  
Vinyl Chloride  
Concen: 4.215 ug/l  
RT: 2.276 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

Tgt Ion: 62 Resp: 2493  
Ion Ratio Lower Upper  
62 100  
64 32.3 27.0 40.4





#5

Bromomethane

Concen: 3.132 ug/l

RT: 2.687 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074396.D

Acq: 22 Sep 2022 10:46

Instrument :

MSVOA\_D

ClientSampleId :

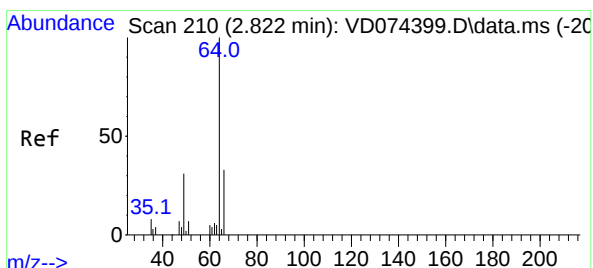
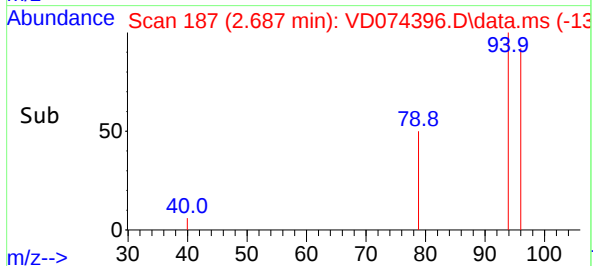
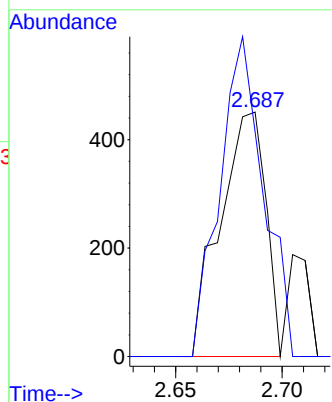
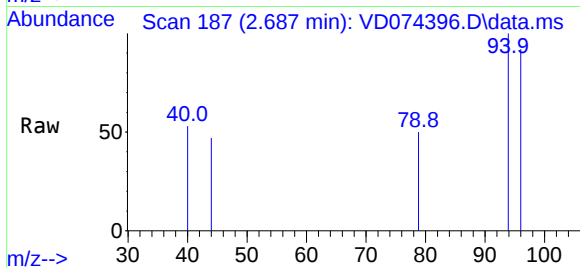
VSTDIC005

Tgt Ion: 94 Resp: 671

Ion Ratio Lower Upper

94 100

96 92.0 74.6 112.0



#6

Chloroethane

Concen: 3.744 ug/l

RT: 2.828 min Scan# 211

Delta R.T. 0.006 min

Lab File: VD074396.D

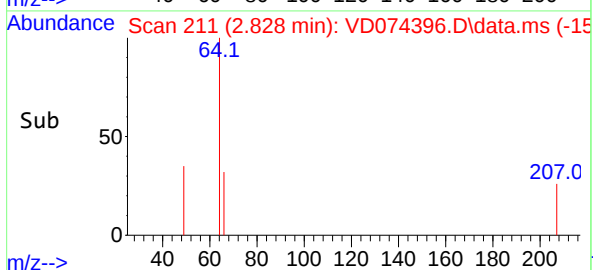
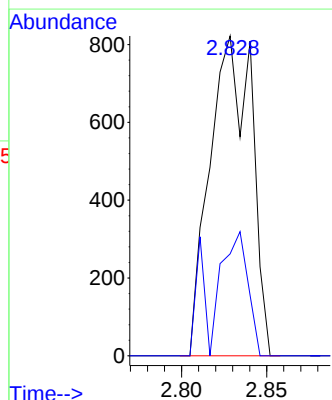
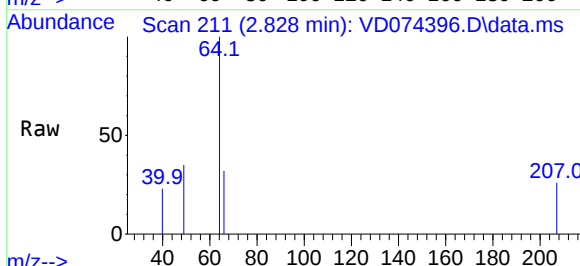
Acq: 22 Sep 2022 10:46

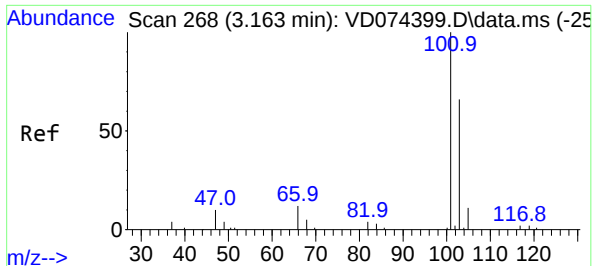
Tgt Ion: 64 Resp: 1400

Ion Ratio Lower Upper

64 100

66 31.9 24.6 36.8

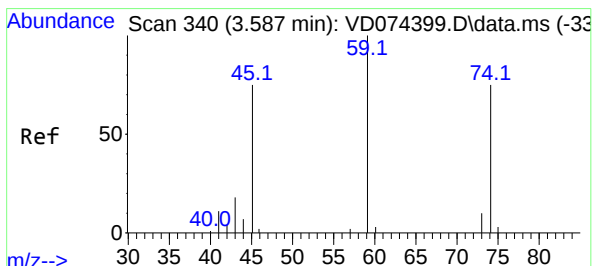
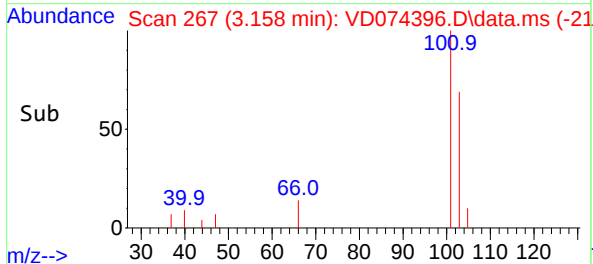
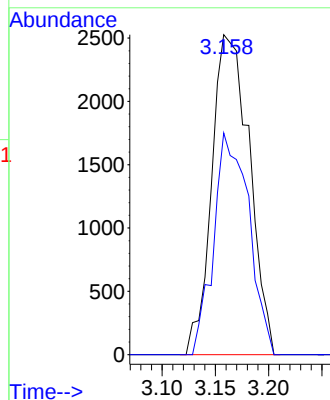
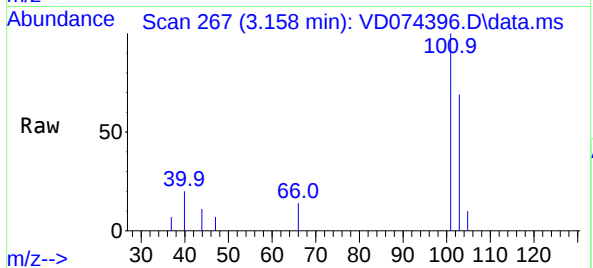




#7  
Trichlorofluoromethane  
Concen: 4.650 ug/l  
RT: 3.158 min Scan# 210  
Delta R.T. -0.006 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

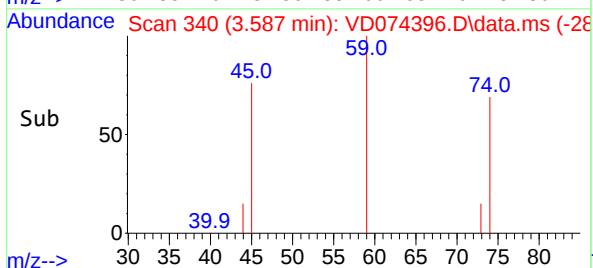
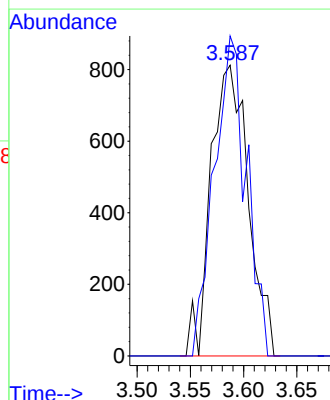
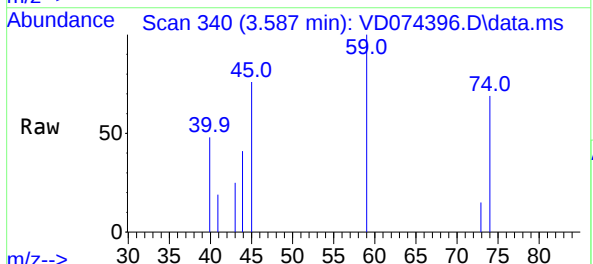
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

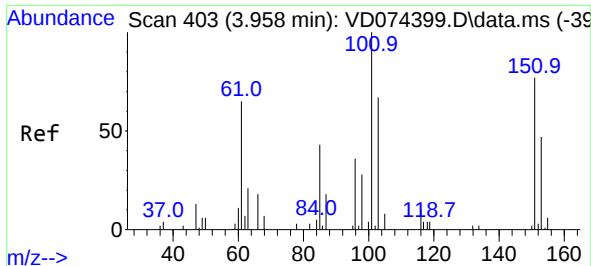
Tgt Ion:101 Resp: 6193  
Ion Ratio Lower Upper  
101 100  
103 69.3 50.6 76.0



#8  
Diethyl Ether  
Concen: 4.402 ug/l  
RT: 3.587 min Scan# 340  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

Tgt Ion: 74 Resp: 1984  
Ion Ratio Lower Upper  
74 100  
45 94.5 47.9 143.6

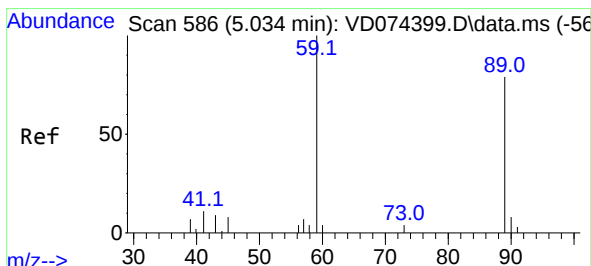
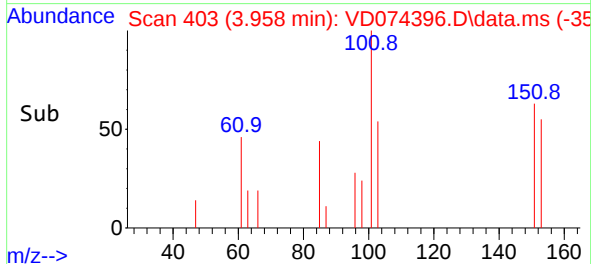
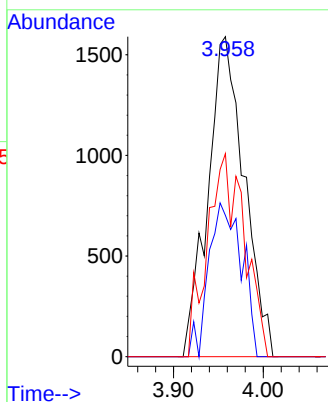
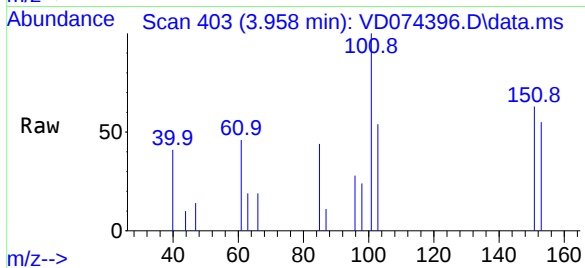




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 5.030 ug/l  
RT: 3.958 min Scan# 40  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

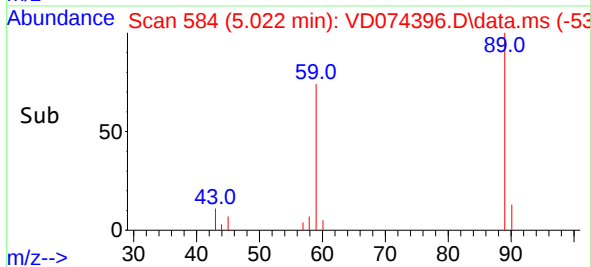
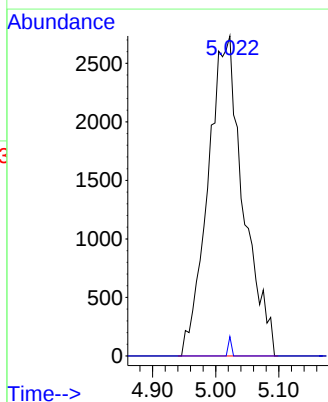
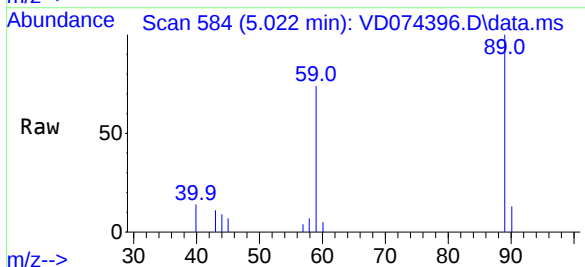
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC005

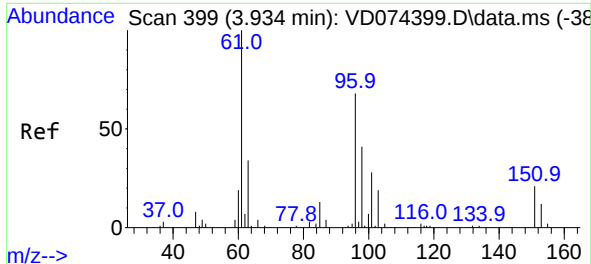
Tgt Ion:101 Resp: 4492  
Ion Ratio Lower Upper  
101 100  
85 43.5 35.0 52.4  
151 64.3 59.7 89.5



#11  
Tert butyl alcohol  
Concen: 45.182 ug/l  
RT: 5.022 min Scan# 584  
Delta R.T. -0.012 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

Tgt Ion: 59 Resp: 10605  
Ion Ratio Lower Upper  
59 100  
57 0.5 7.7 11.5#





#12

1,1-Dichloroethene

Concen: 4.856 ug/l

RT: 3.934 min Scan# 399

Delta R.T. 0.000 min

Lab File: VD074396.D

Acq: 22 Sep 2022 10:46

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

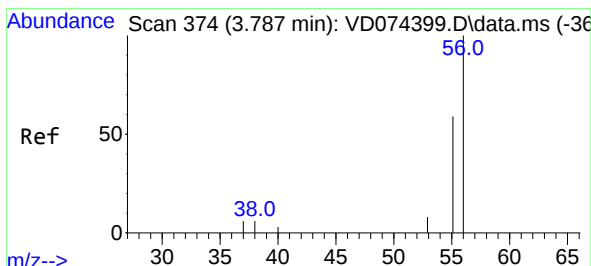
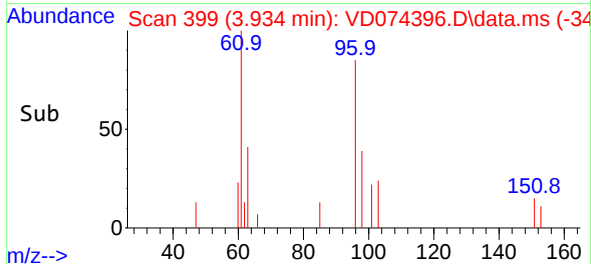
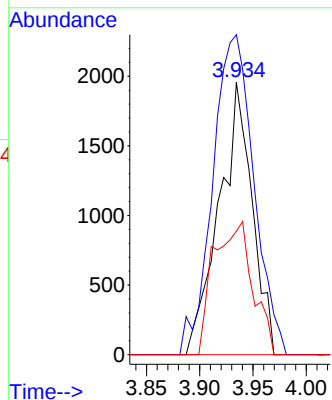
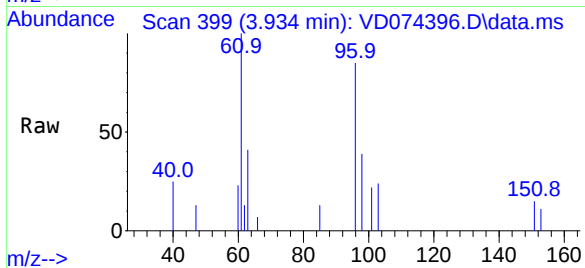
Tgt Ion: 96 Resp: 4228

Ion Ratio Lower Upper

96 100

61 117.4 122.3 183.5#

98 45.4 50.7 76.1#



#13

Acrolein

Concen: 23.409 ug/l

RT: 3.793 min Scan# 375

Delta R.T. 0.006 min

Lab File: VD074396.D

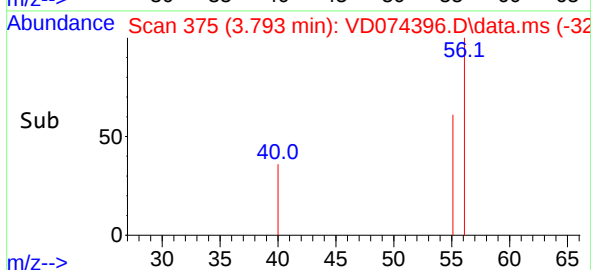
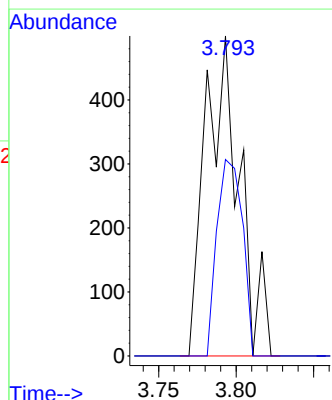
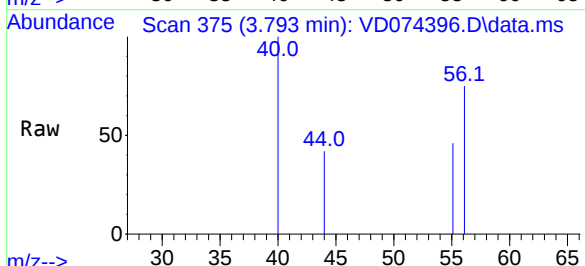
Acq: 22 Sep 2022 10:46

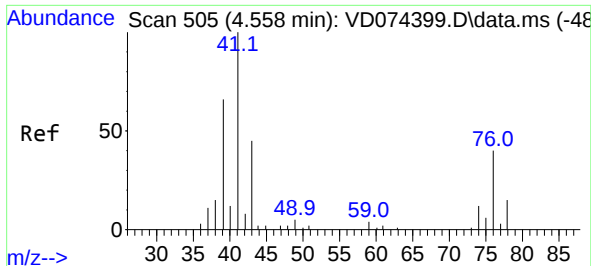
Tgt Ion: 56 Resp: 764

Ion Ratio Lower Upper

56 100

55 45.9 57.4 86.2#





#14

Allyl chloride

Concen: 4.472 ug/l

RT: 4.552 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD074396.D

Acq: 22 Sep 2022 10:46

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

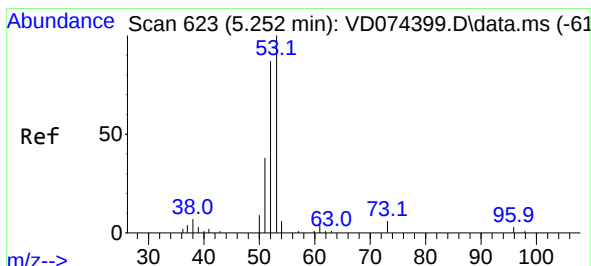
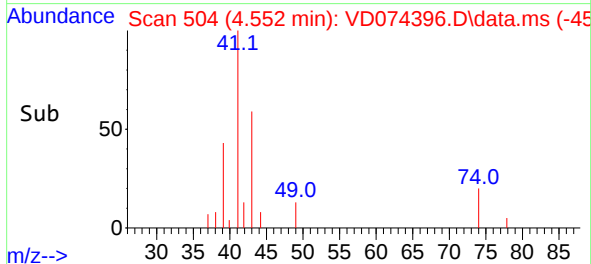
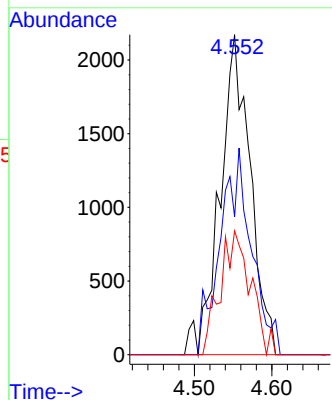
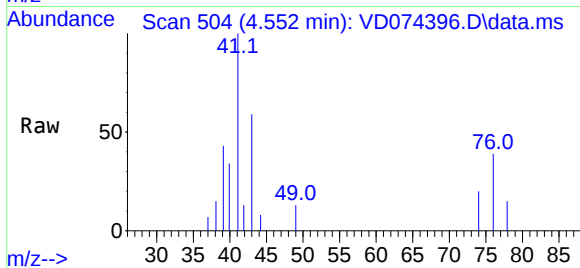
Tgt Ion: 41 Resp: 5898

Ion Ratio Lower Upper

41 100

39 34.2 52.8 79.2#

76 39.2 32.9 49.3



#15

Acrylonitrile

Concen: 23.201 ug/l

RT: 5.258 min Scan# 624

Delta R.T. 0.006 min

Lab File: VD074396.D

Acq: 22 Sep 2022 10:46

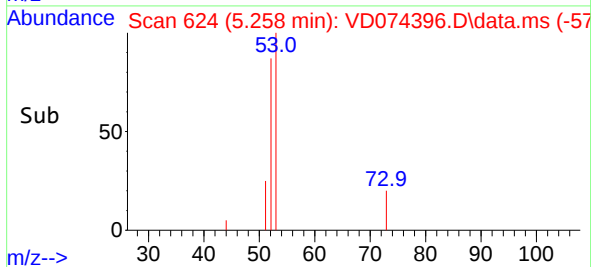
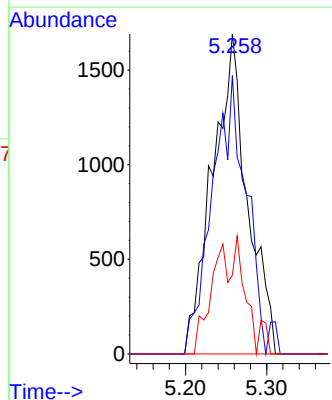
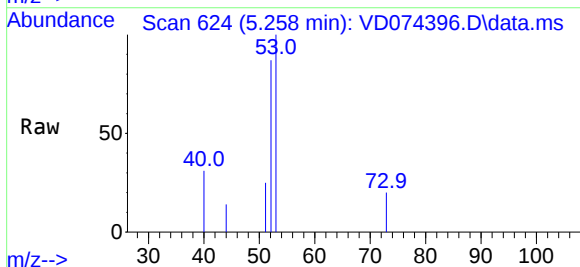
Tgt Ion: 53 Resp: 5055

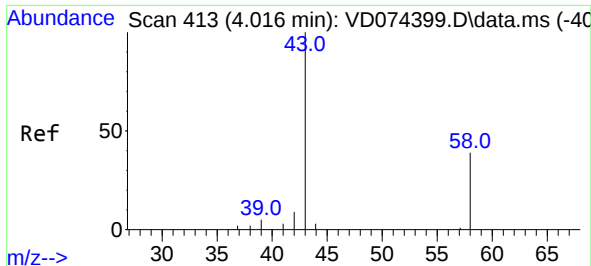
Ion Ratio Lower Upper

53 100

52 83.9 65.3 97.9

51 17.4 29.0 43.6#

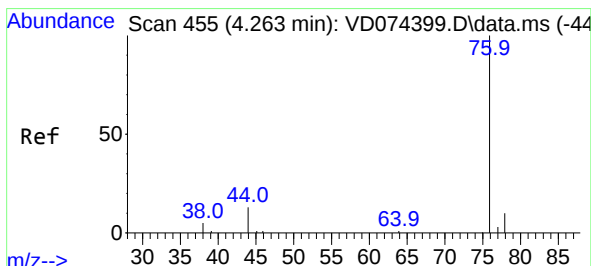
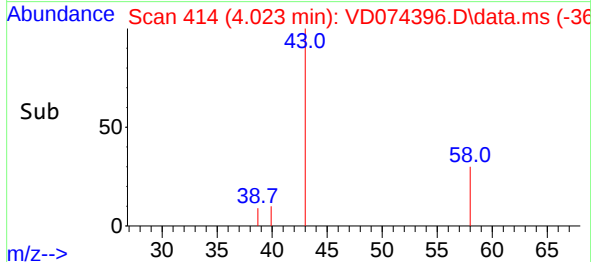
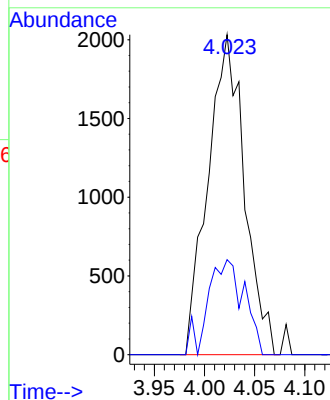
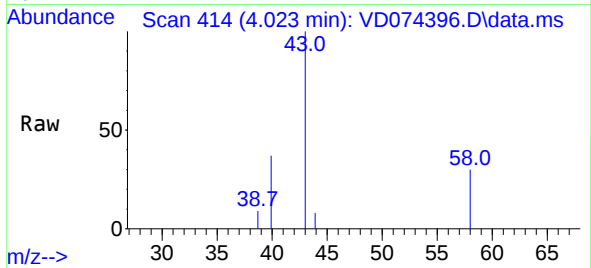




#16  
Acetone  
Concen: 28.358 ug/l  
RT: 4.023 min Scan# 413  
Delta R.T. 0.006 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

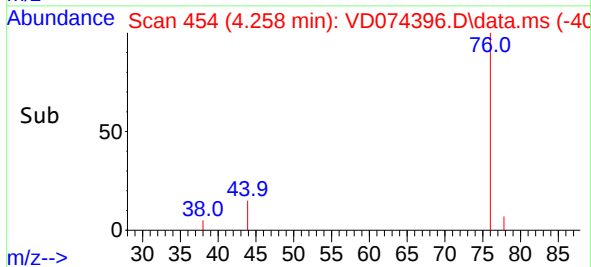
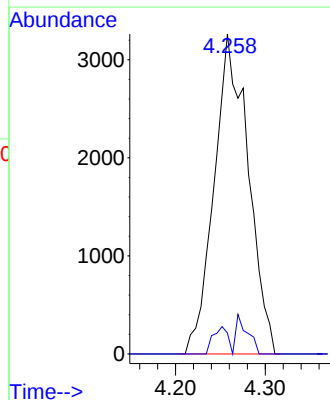
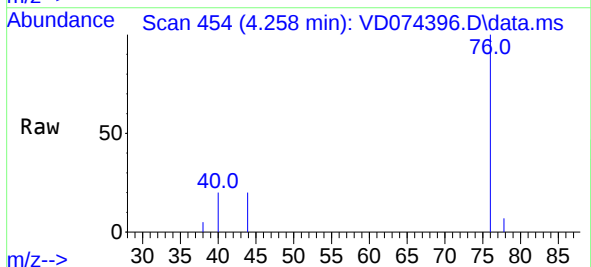
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

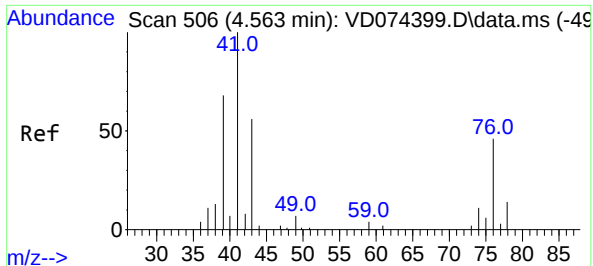
Tgt Ion: 43 Resp: 5134  
Ion Ratio Lower Upper  
43 100  
58 29.7 26.4 39.6



#17  
Carbon Disulfide  
Concen: 3.671 ug/l  
RT: 4.258 min Scan# 454  
Delta R.T. -0.006 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

Tgt Ion: 76 Resp: 8583  
Ion Ratio Lower Upper  
76 100  
78 6.5 7.2 10.8#





#18

Methyl Acetate

Concen: 6.556 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD074396.D

Acq: 22 Sep 2022 10:46

Instrument :

MSVOA\_D

ClientSampleId :

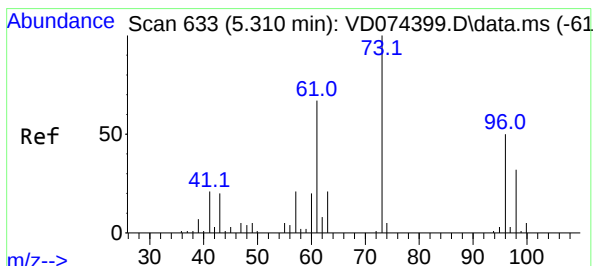
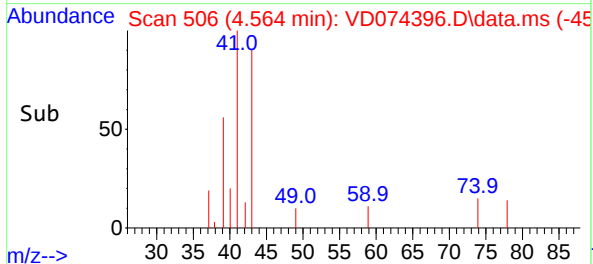
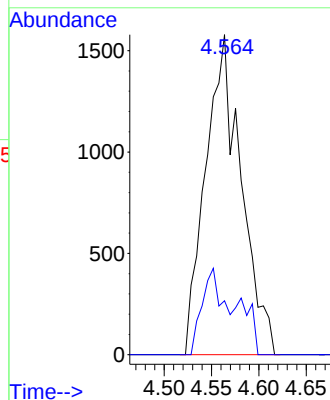
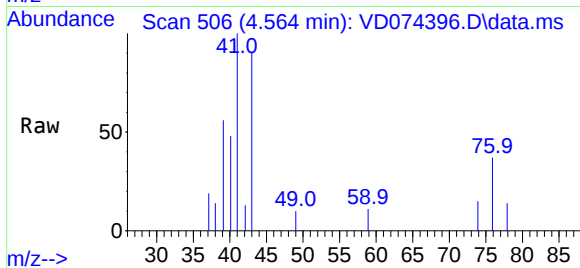
VSTDIC005

Tgt Ion: 43 Resp: 4121

Ion Ratio Lower Upper

43 100

74 16.3 19.3 28.9#



#19

Methyl tert-butyl Ether

Concen: 4.559 ug/l

RT: 5.305 min Scan# 632

Delta R.T. -0.006 min

Lab File: VD074396.D

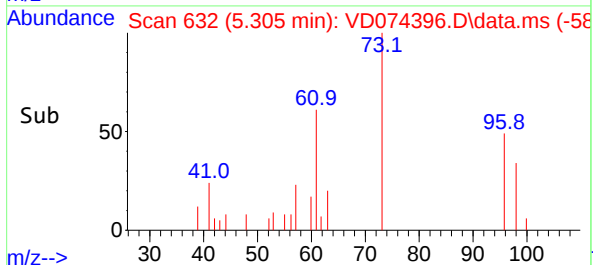
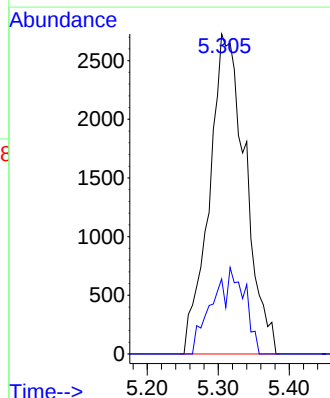
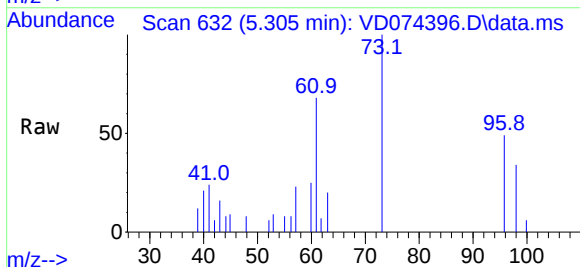
Acq: 22 Sep 2022 10:46

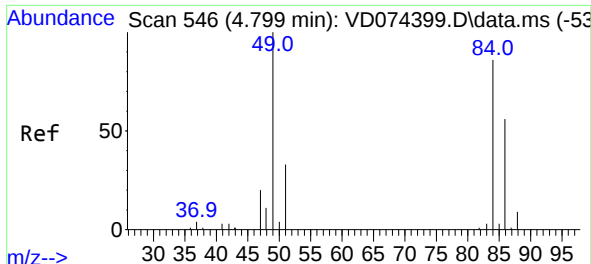
Tgt Ion: 73 Resp: 9634

Ion Ratio Lower Upper

73 100

57 23.4 17.8 26.6



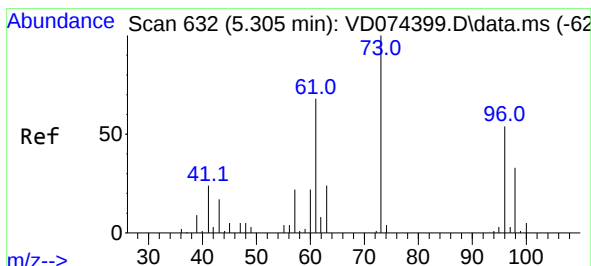
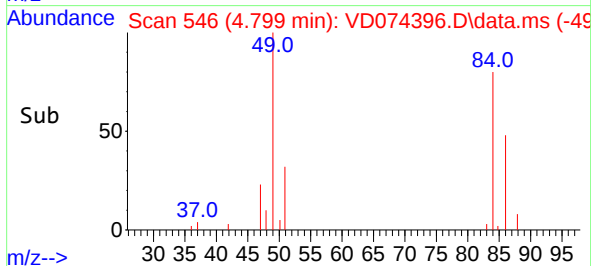
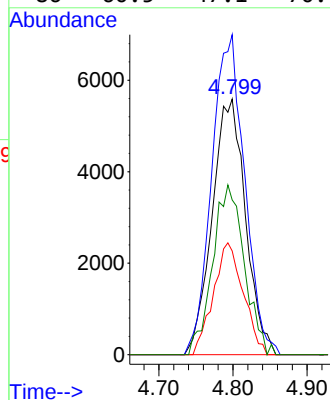
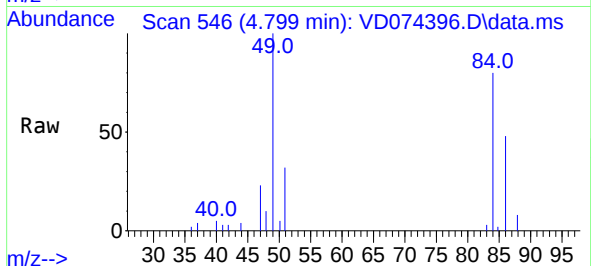


#20  
Methylene Chloride  
Concen: 9.233 ug/l  
RT: 4.799 min Scan# 54  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC005

Tgt Ion: 84 Resp: 17464

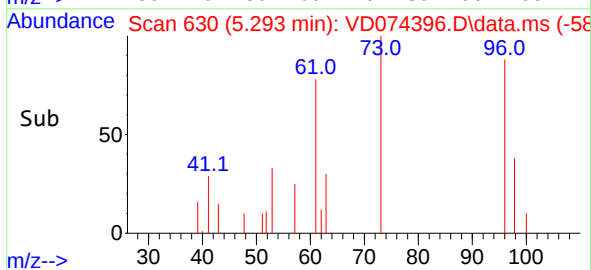
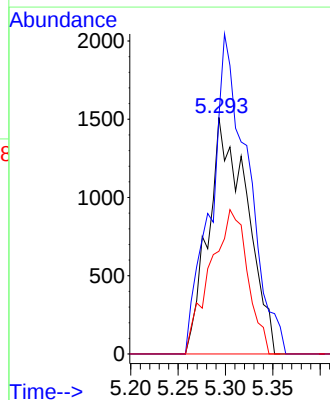
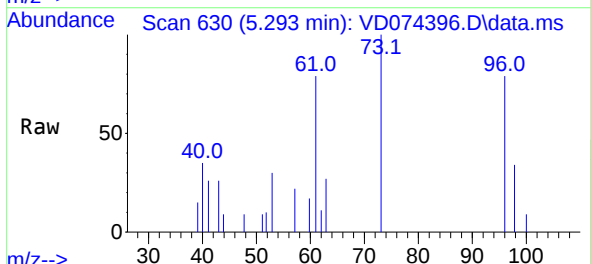
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 125.2 | 88.4  | 132.6 |
| 51  | 40.6  | 28.0  | 42.0  |
| 86  | 60.5  | 47.1  | 70.7  |

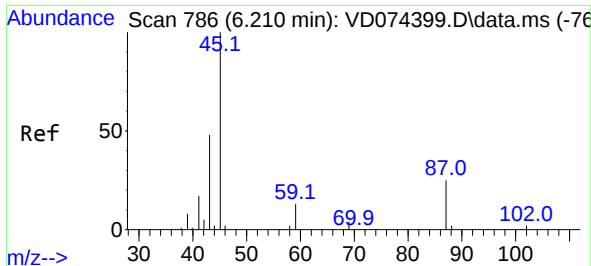


#21  
trans-1,2-Dichloroethene  
Concen: 4.419 ug/l  
RT: 5.293 min Scan# 630  
Delta R.T. -0.012 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

Tgt Ion: 96 Resp: 4300

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 96  | 100   |       |        |
| 61  | 100.1 | 105.1 | 157.7# |
| 98  | 43.5  | 47.4  | 71.2#  |

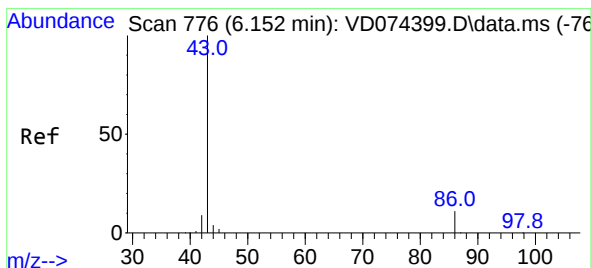
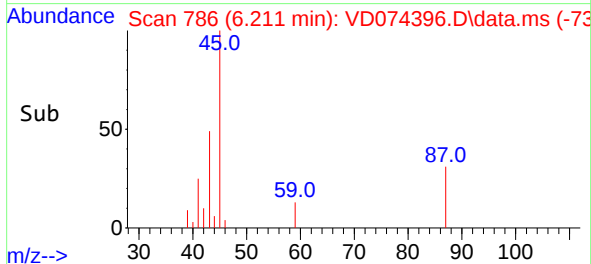
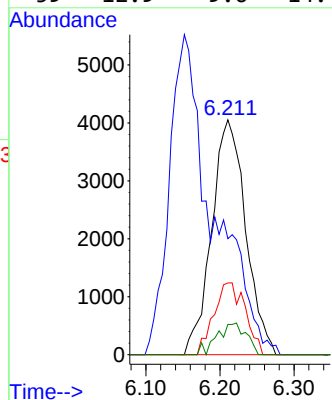
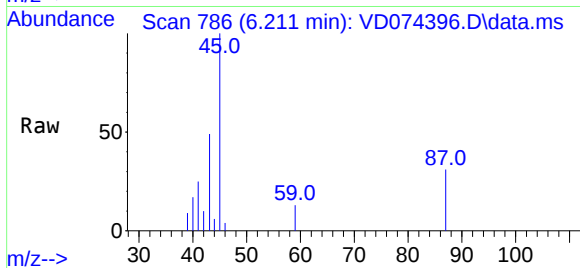




#22  
Diisopropyl ether  
Concen: 4.430 ug/l  
RT: 6.211 min Scan# 786  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

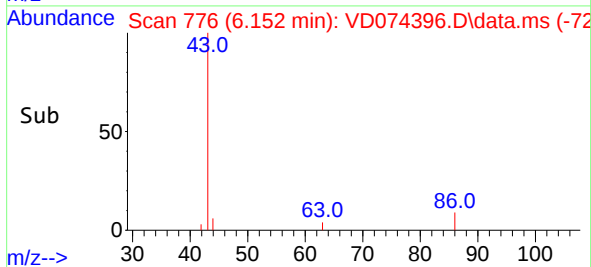
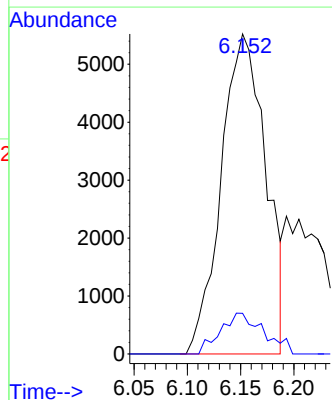
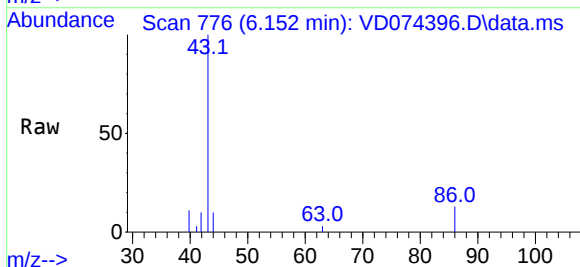
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

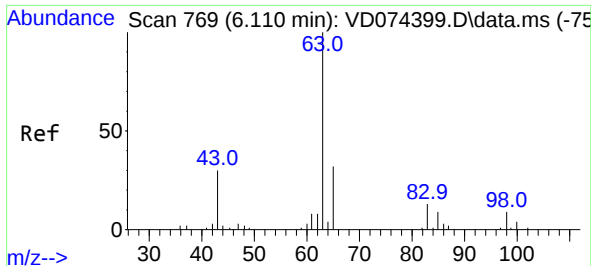
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 45    | Resp: | 12937 |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 43       | 49.4  | 38.9  | 58.3  |
| 87       | 30.5  | 21.0  | 31.4  |
| 59       | 12.9  | 9.6   | 14.4  |



#23  
Vinyl Acetate  
Concen: 12.593 ug/l  
RT: 6.152 min Scan# 776  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 16102 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 86       | 12.7  | 8.6   | 13.0  |





#24

1,1-Dichloroethane

Concen: 4.836 ug/l

RT: 6.099 min Scan# 767

Delta R.T. -0.012 min

Lab File: VD074396.D

Acq: 22 Sep 2022 10:46

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

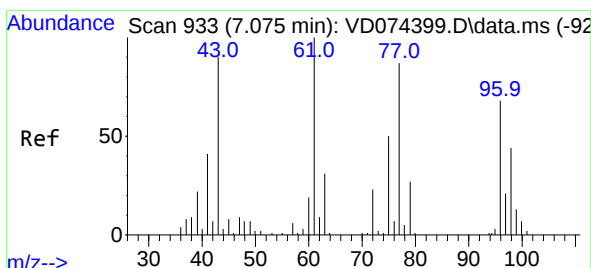
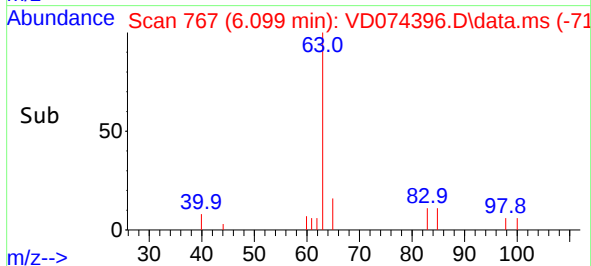
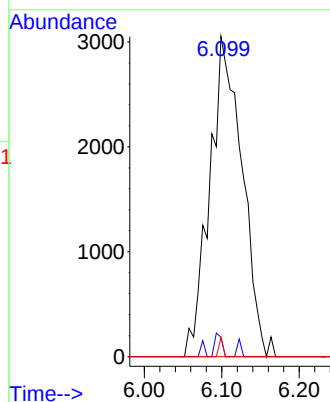
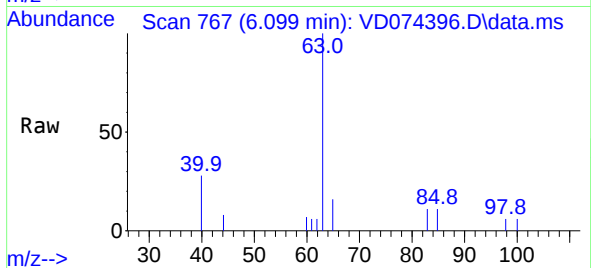
Tgt Ion: 63 Resp: 8888

Ion Ratio Lower Upper

63 100

98 6.0 2.8 8.4

100 6.0 2.2 6.6



#25

2-Butanone

Concen: 25.279 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD074396.D

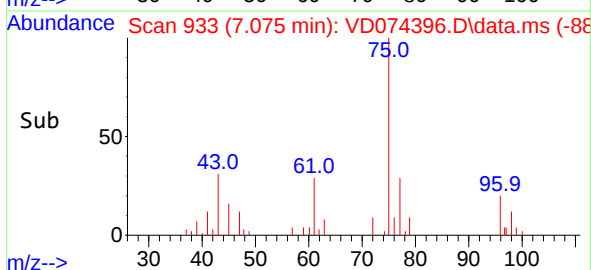
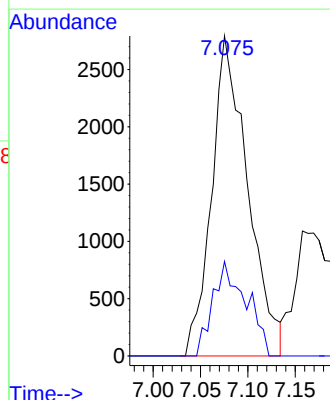
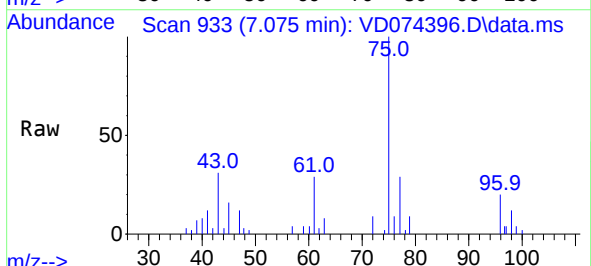
Acq: 22 Sep 2022 10:46

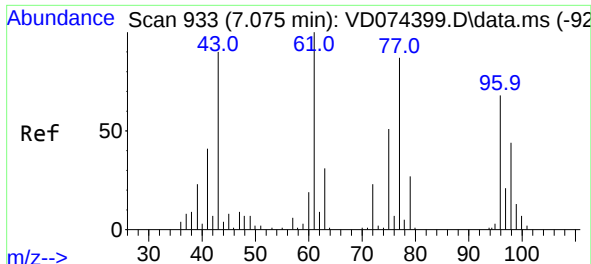
Tgt Ion: 43 Resp: 7386

Ion Ratio Lower Upper

43 100

72 29.5 21.8 32.6

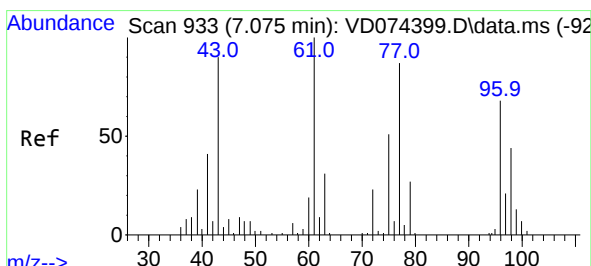
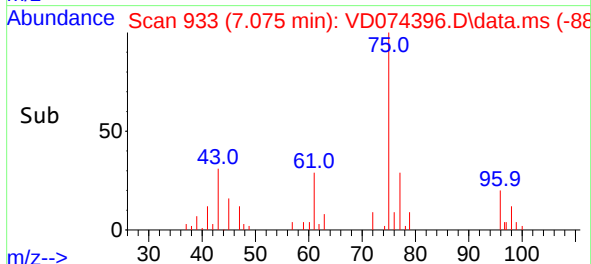
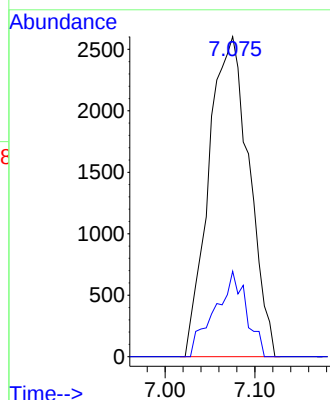
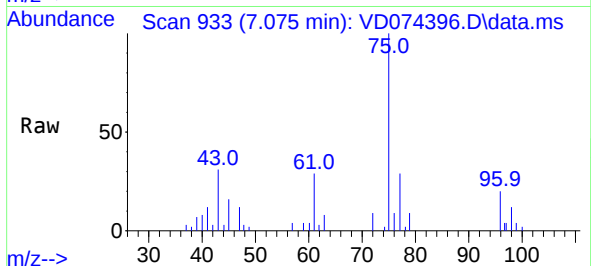




#26  
2,2-Dichloropropane  
Concen: 4.959 ug/l  
RT: 7.075 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

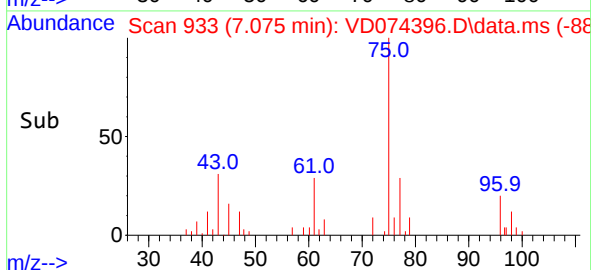
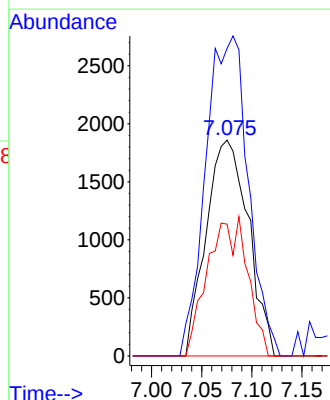
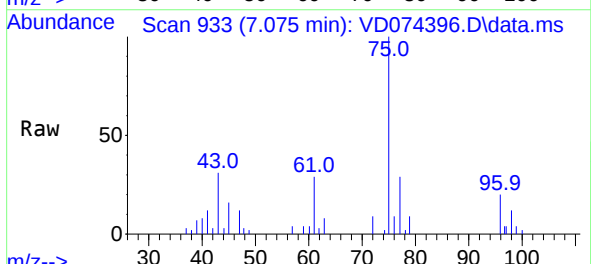
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

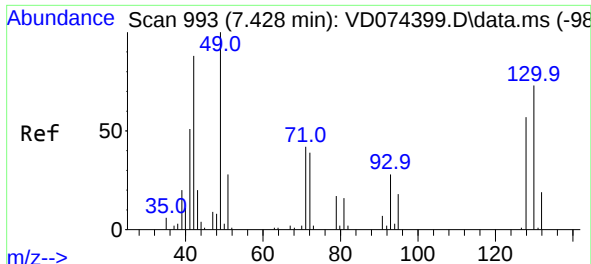
Tgt Ion: 77 Resp: 8109  
Ion Ratio Lower Upper  
77 100  
97 20.9 11.5 34.4



#27  
cis-1,2-Dichloroethene  
Concen: 4.752 ug/l  
RT: 7.075 min Scan# 933  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

Tgt Ion: 96 Resp: 5441  
Ion Ratio Lower Upper  
96 100  
61 149.3 0.0 289.4  
98 60.4 0.0 130.2

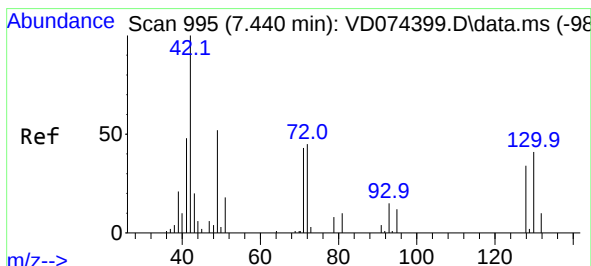
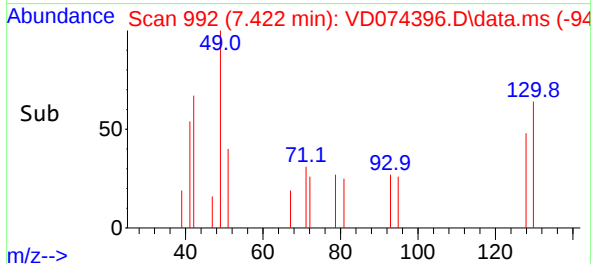
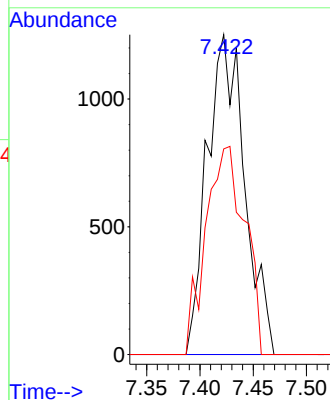
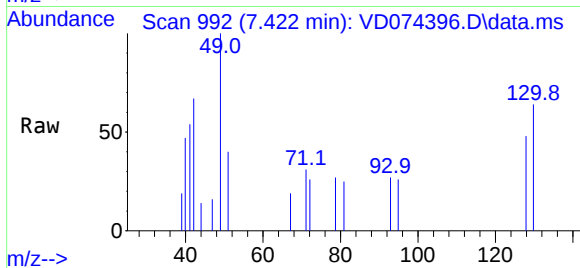




#28  
Bromochloromethane  
Concen: 4.521 ug/l  
RT: 7.422 min Scan# 991  
Delta R.T. -0.006 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

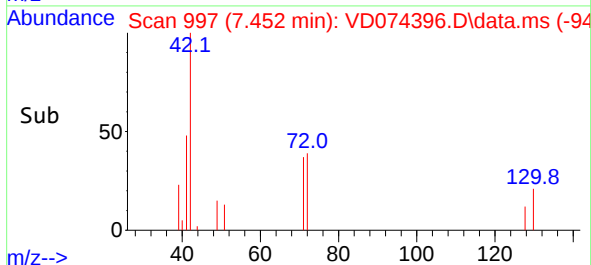
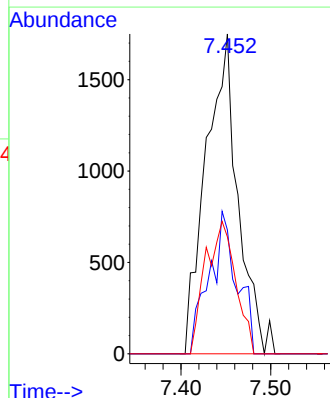
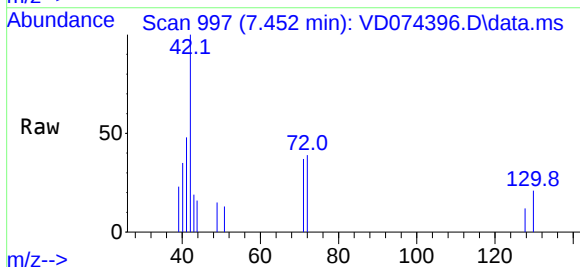
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

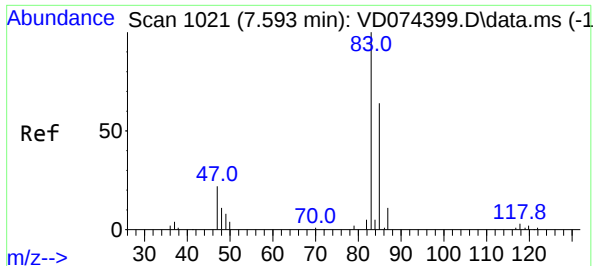
Tgt Ion: 49 Resp: 3066  
Ion Ratio Lower Upper  
49 100  
129 0.0 0.0 3.6  
130 67.7 62.2 93.2



#29  
Tetrahydrofuran  
Concen: 25.755 ug/l  
RT: 7.452 min Scan# 997  
Delta R.T. 0.012 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

Tgt Ion: 42 Resp: 4351  
Ion Ratio Lower Upper  
42 100  
72 38.5 36.1 54.1  
71 38.9 34.1 51.1





#30

Chloroform

Concen: 4.951 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD074396.D

Acq: 22 Sep 2022 10:46

Instrument :

MSVOA\_D

ClientSampleId :

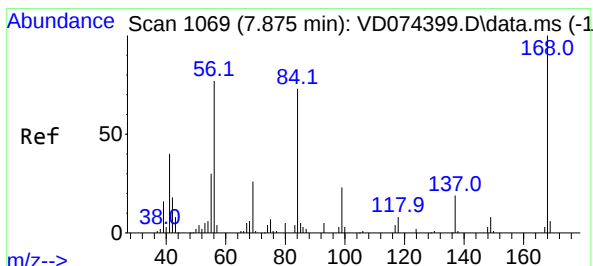
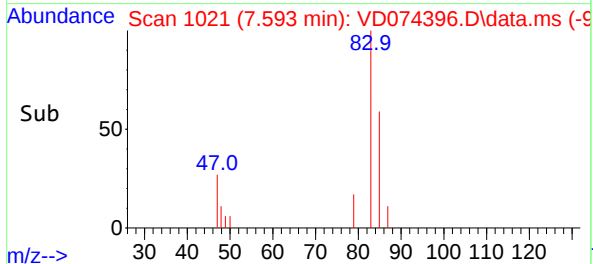
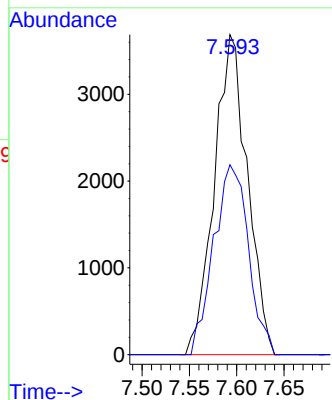
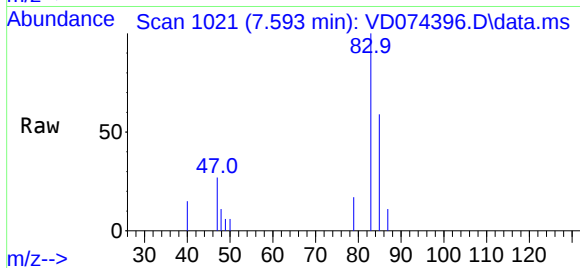
VSTDIC005

Tgt Ion: 83 Resp: 8970

Ion Ratio Lower Upper

83 100

85 59.3 56.7 85.1



#31

Cyclohexane

Concen: 5.494 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VD074396.D

Acq: 22 Sep 2022 10:46

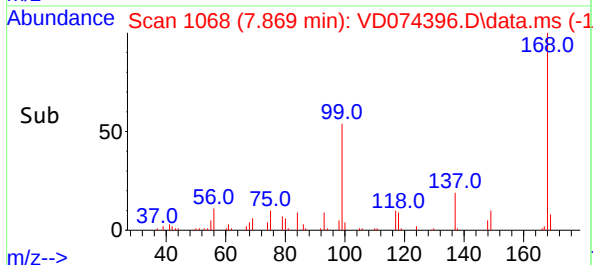
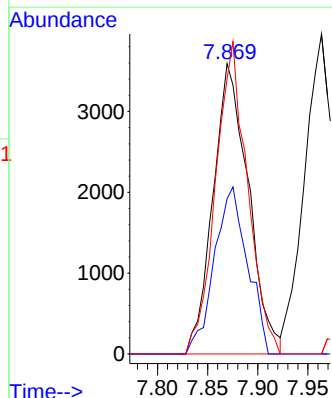
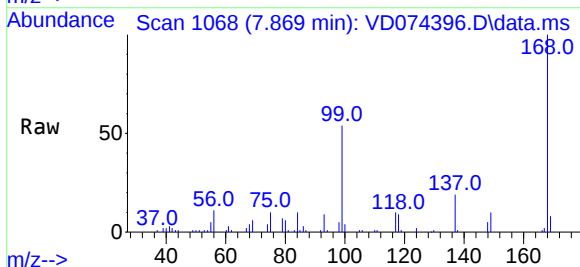
Tgt Ion: 56 Resp: 8807

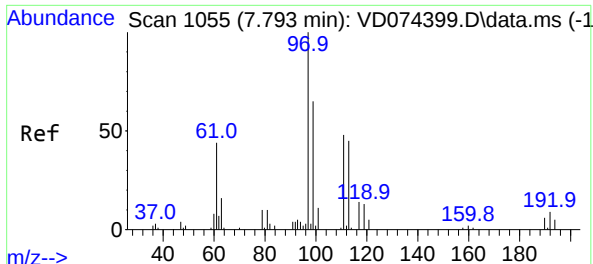
Ion Ratio Lower Upper

56 100

69 53.5 25.7 38.5#

84 94.9 73.9 110.9

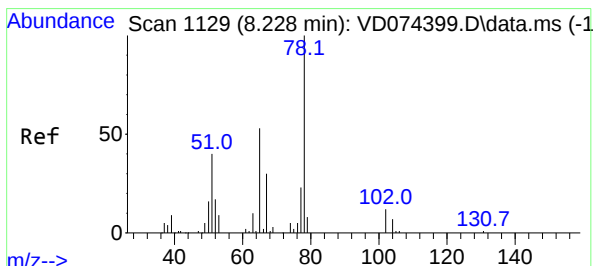
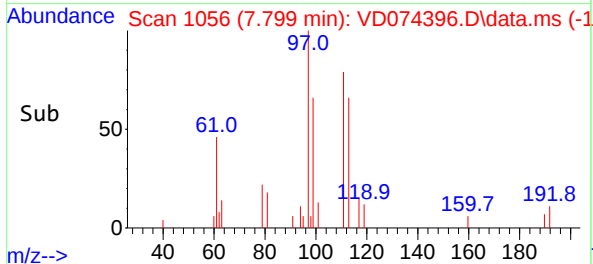
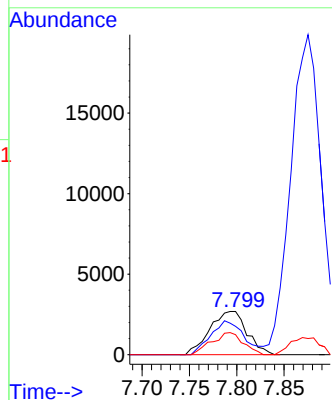
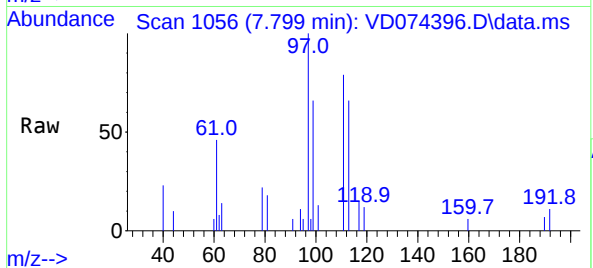




#32  
1,1,1-Trichloroethane  
Concen: 4.695 ug/l  
RT: 7.799 min Scan# 1055  
Delta R.T. 0.006 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

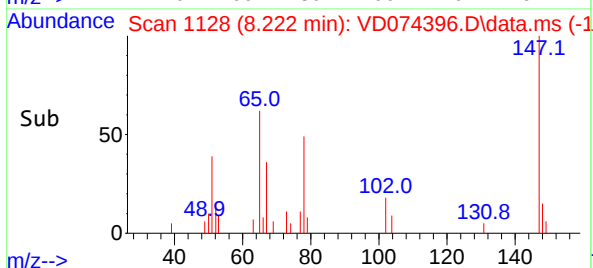
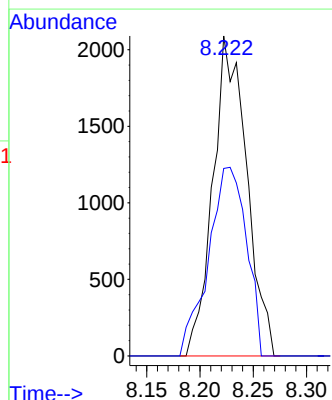
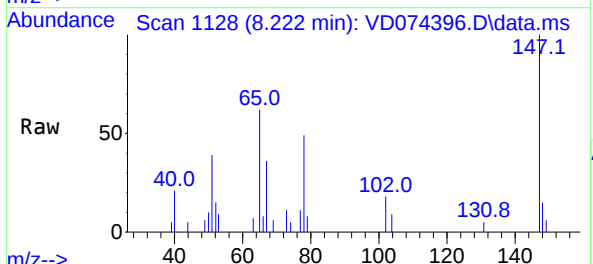
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

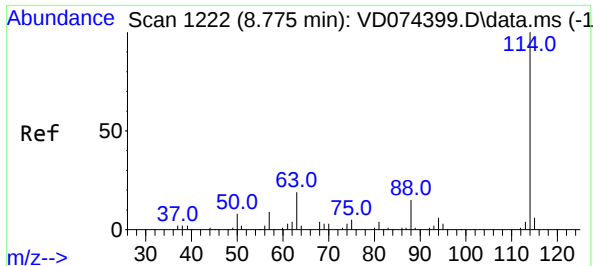
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 7321  |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 71.7  | 51.2  | 76.8  |
| 61       | 43.5  | 33.8  | 50.8  |



#33  
1,2-Dichloroethane-d4  
Concen: 5.358 ug/l  
RT: 8.222 min Scan# 1128  
Delta R.T. -0.006 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 65    | Resp: | 4595  |
| Ion      | Ratio | Lower | Upper |
| 65       | 100   |       |       |
| 67       | 66.5  | 0.0   | 110.6 |





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074396.D

Acq: 22 Sep 2022 10:46

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

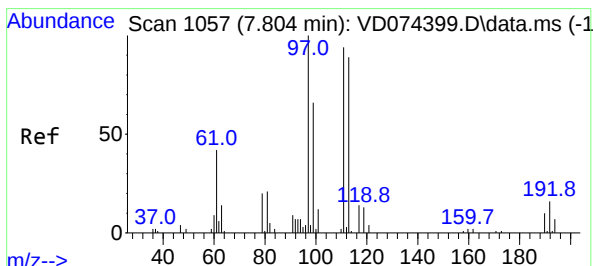
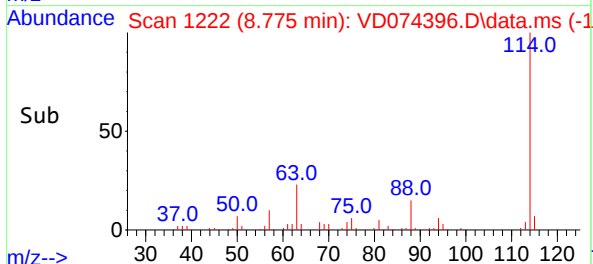
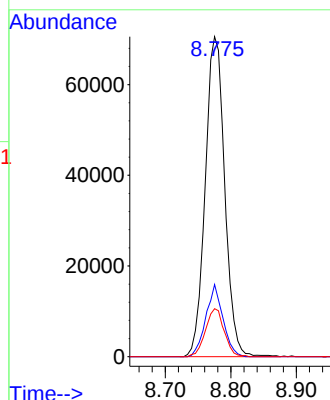
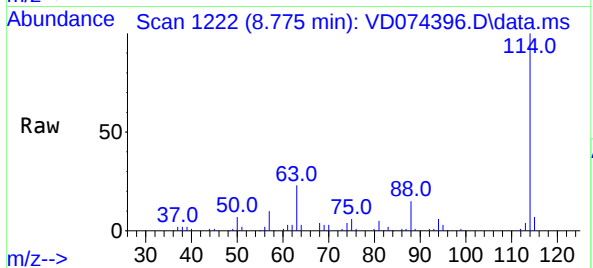
Tgt Ion:114 Resp: 145727

Ion Ratio Lower Upper

114 100

63 22.5 0.0 37.6

88 15.0 0.0 28.4



#35

Dibromofluoromethane

Concen: 4.581 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074396.D

Acq: 22 Sep 2022 10:46

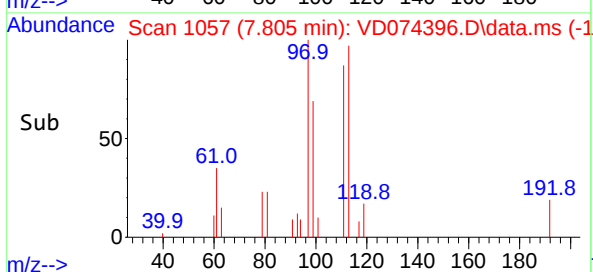
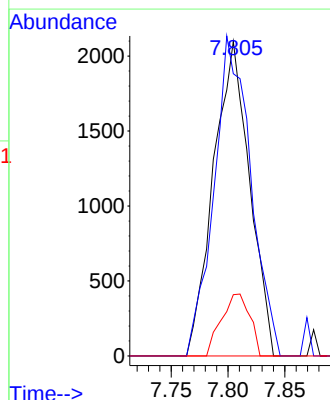
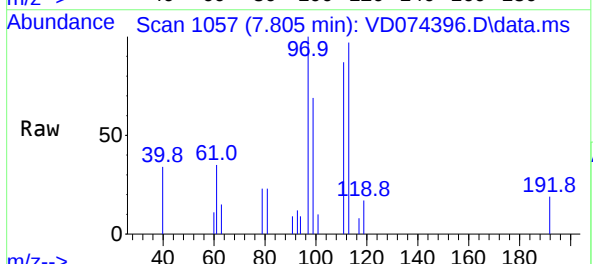
Tgt Ion:113 Resp: 4633

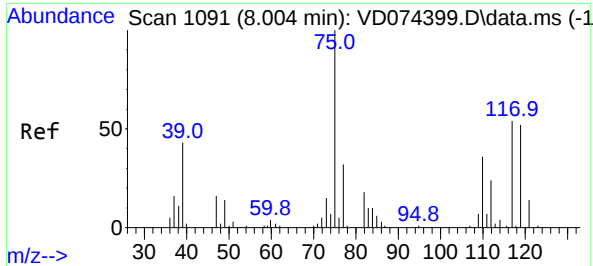
Ion Ratio Lower Upper

113 100

111 103.5 83.0 124.6

192 15.5 16.2 24.2#



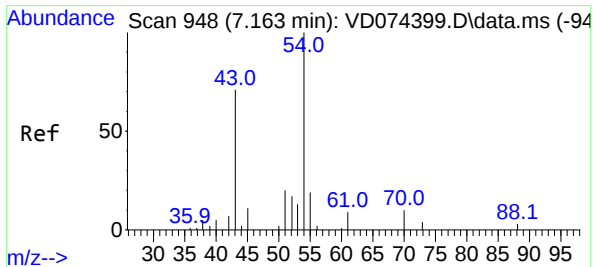
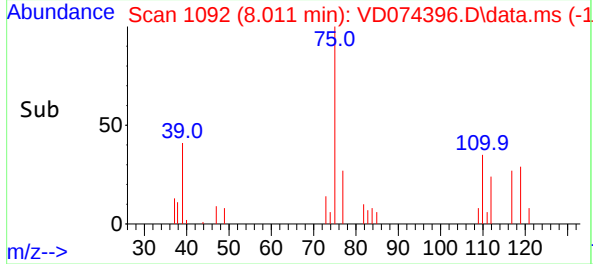
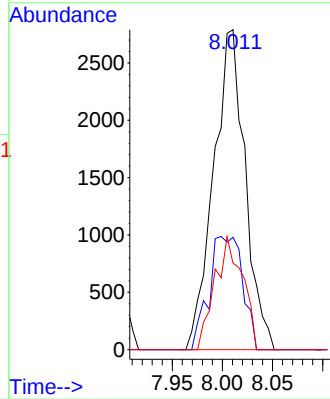
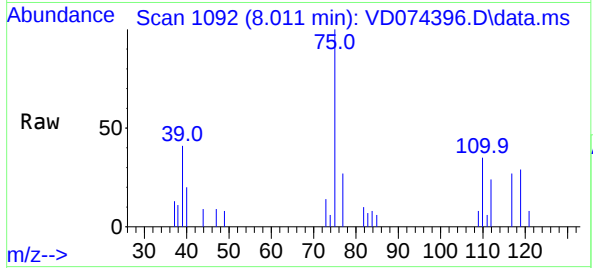


#36  
1,1-Dichloropropene  
Concen: 4.116 ug/l  
RT: 8.011 min Scan# 1091  
Delta R.T. 0.006 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC005

Tgt Ion: 75 Resp: 6114

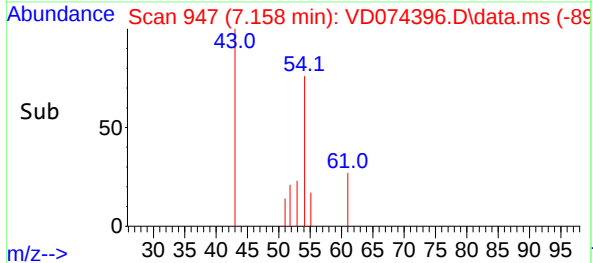
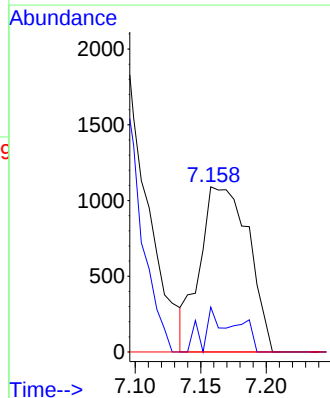
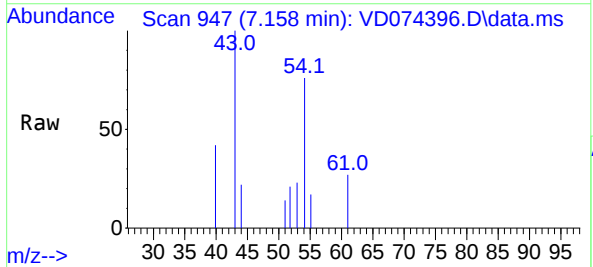
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 37.6  | 17.5  | 52.5  |
| 77  | 31.0  | 24.8  | 37.2  |

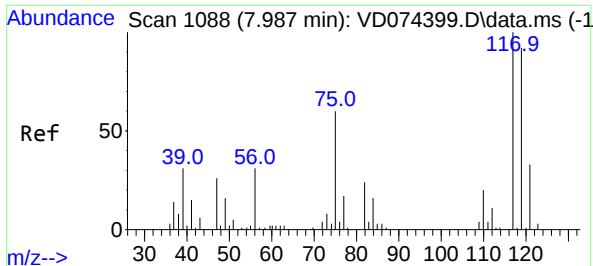


#37  
Ethyl Acetate  
Concen: 4.486 ug/l  
RT: 7.158 min Scan# 947  
Delta R.T. -0.006 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

Tgt Ion: 43 Resp: 2827

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 10.3  | 12.1  | 18.1# |
| 70  | 0.0   | 8.5   | 12.7# |

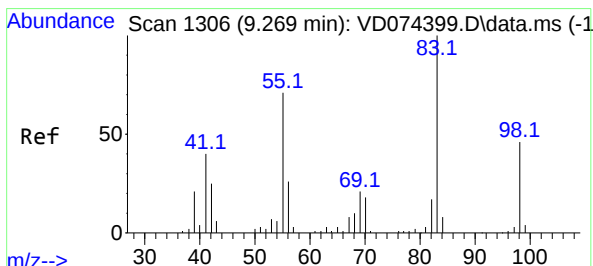
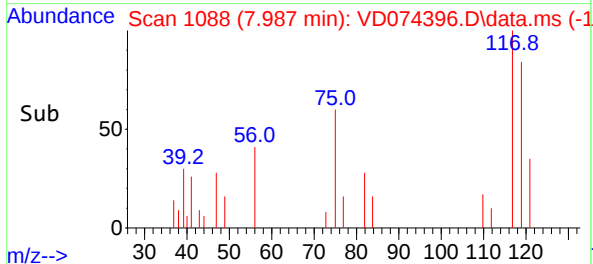
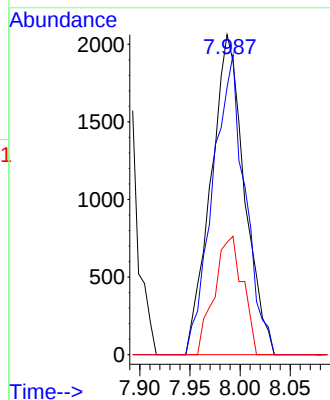
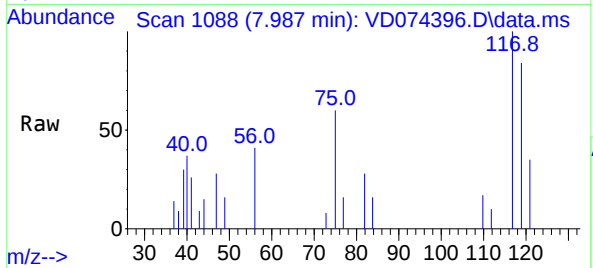




#38  
Carbon Tetrachloride  
Concen: 3.921 ug/l  
RT: 7.987 min Scan# 1088  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

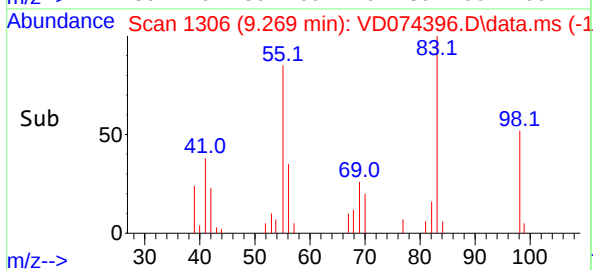
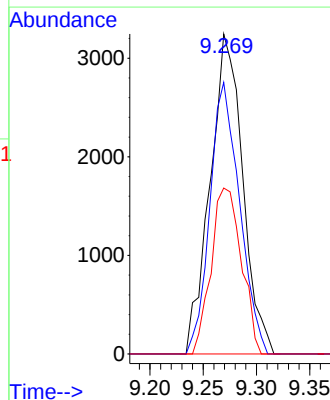
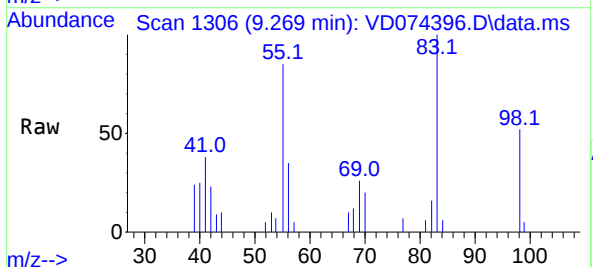
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

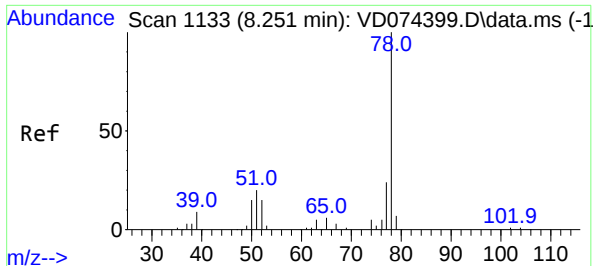
Tgt Ion:117 Resp: 4807  
Ion Ratio Lower Upper  
117 100  
119 83.6 78.8 118.2  
121 35.2 23.9 35.9



#39  
Methylcyclohexane  
Concen: 3.934 ug/l  
RT: 9.269 min Scan# 1306  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

Tgt Ion: 83 Resp: 6881  
Ion Ratio Lower Upper  
83 100  
55 84.9 57.2 85.8  
98 51.8 38.3 57.5

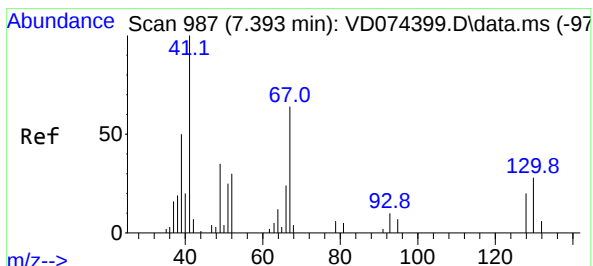
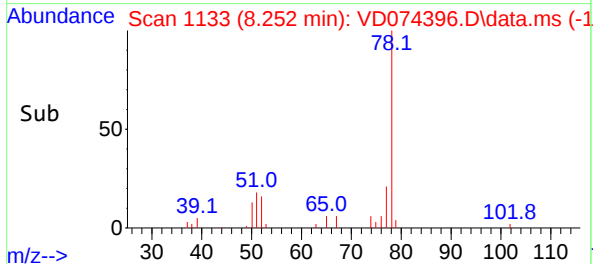
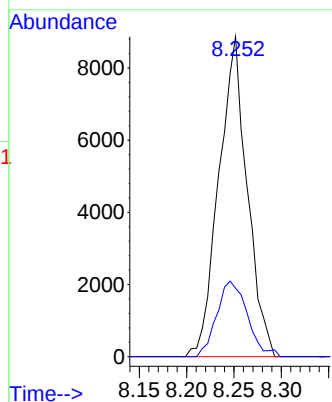
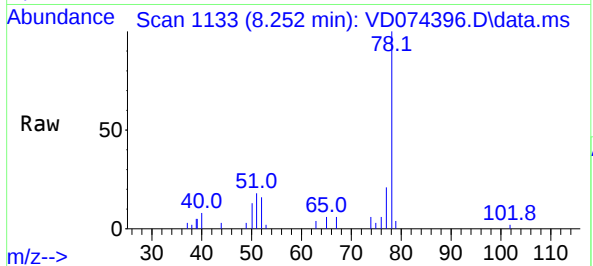




#40  
Benzene  
Concen: 4.281 ug/l  
RT: 8.252 min Scan# 1133  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

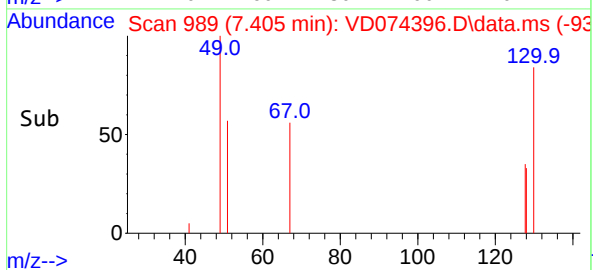
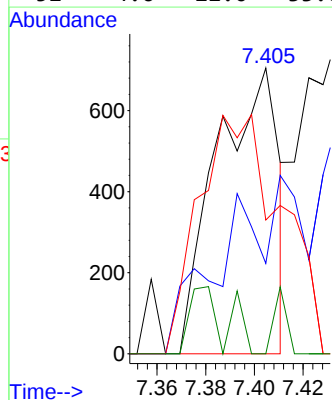
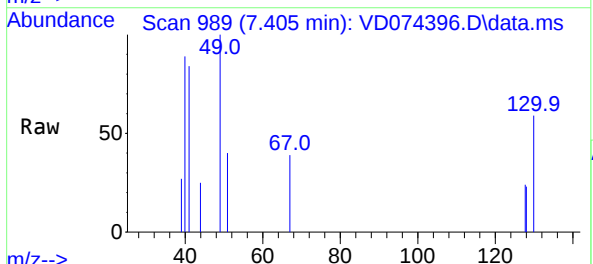
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

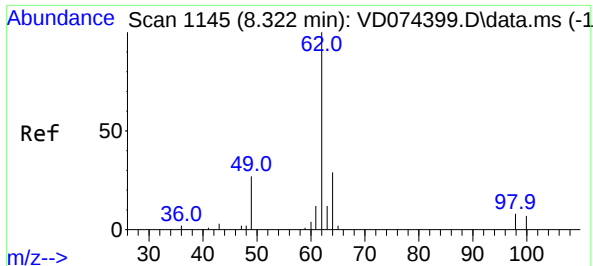
Tgt Ion: 78 Resp: 18486  
Ion Ratio Lower Upper  
78 100  
77 21.4 19.4 29.2



#41  
Methacrylonitrile  
Concen: 3.684 ug/l  
RT: 7.405 min Scan# 989  
Delta R.T. 0.012 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

Tgt Ion: 41 Resp: 1249  
Ion Ratio Lower Upper  
41 100  
39 29.9 39.8 59.6#  
67 111.0 56.1 84.1#  
52 4.6 22.0 33.0#





#42

1,2-Dichloroethane

Concen: 4.508 ug/l

RT: 8.316 min Scan# 1144

Delta R.T. -0.006 min

Lab File: VD074396.D

Acq: 22 Sep 2022 10:46

Instrument :

MSVOA\_D

ClientSampleId :

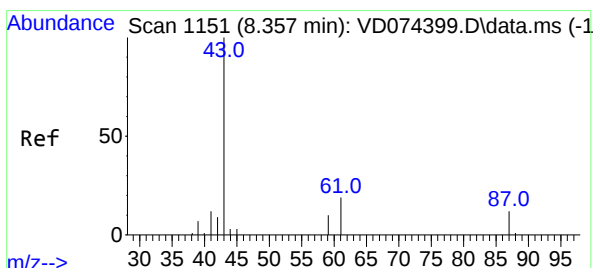
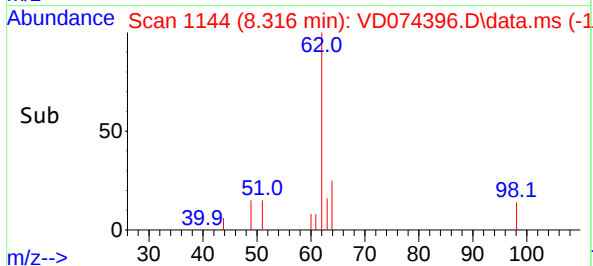
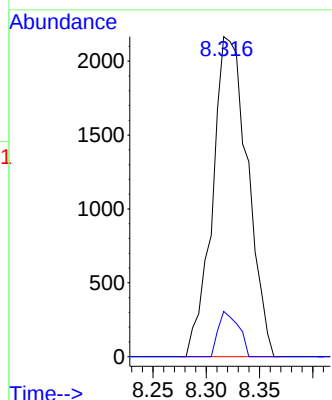
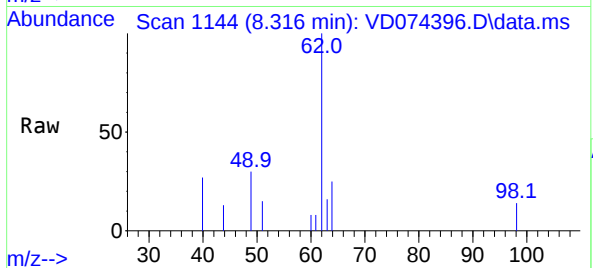
VSTDIC005

Tgt Ion: 62 Resp: 4964

Ion Ratio Lower Upper

62 100

98 8.1 0.0 21.4



#43

Isopropyl Acetate

Concen: 4.680 ug/l

RT: 8.358 min Scan# 1151

Delta R.T. 0.000 min

Lab File: VD074396.D

Acq: 22 Sep 2022 10:46

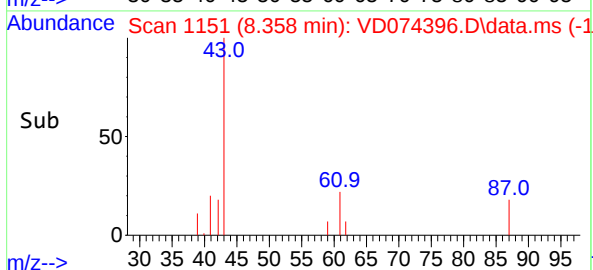
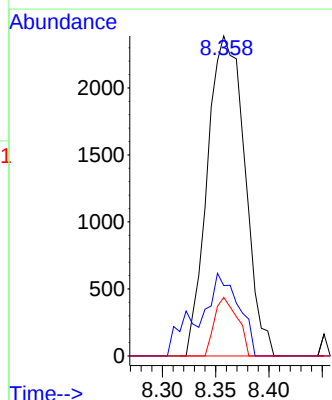
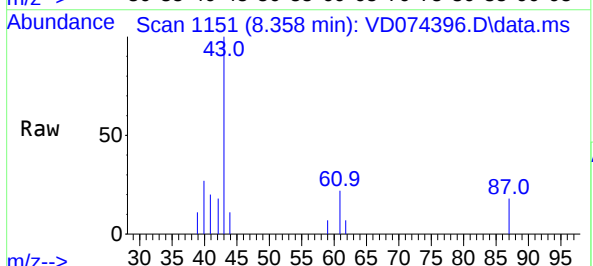
Tgt Ion: 43 Resp: 5818

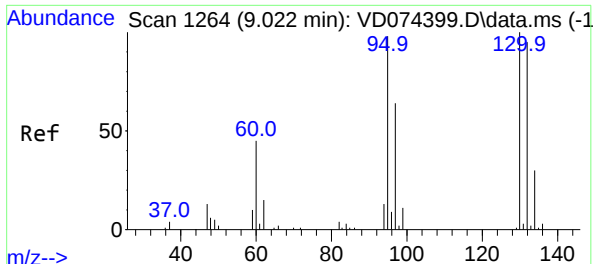
Ion Ratio Lower Upper

43 100

61 20.5 24.5 36.7#

87 11.3 10.8 16.2

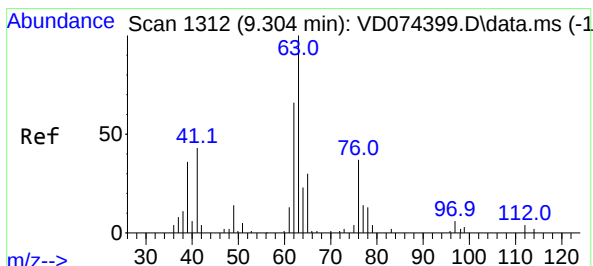
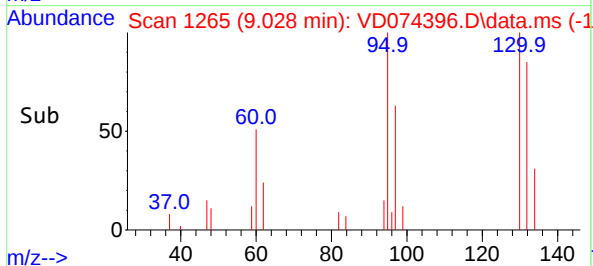
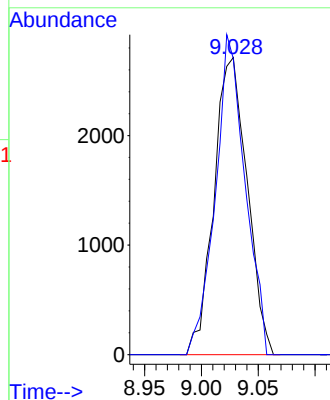
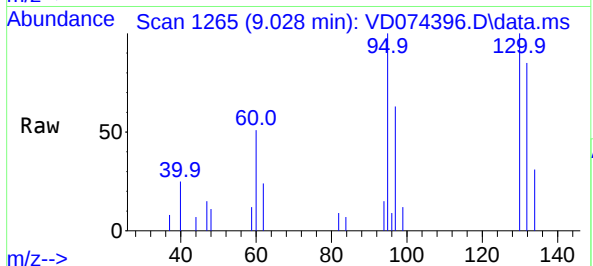




#44  
Trichloroethene  
Concen: 4.922 ug/l  
RT: 9.028 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

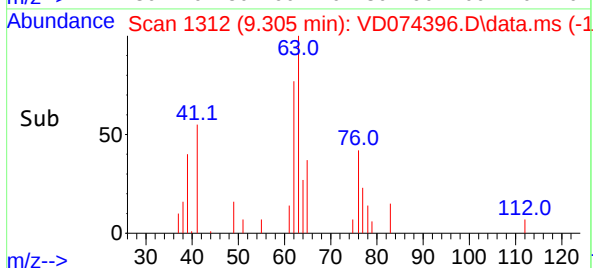
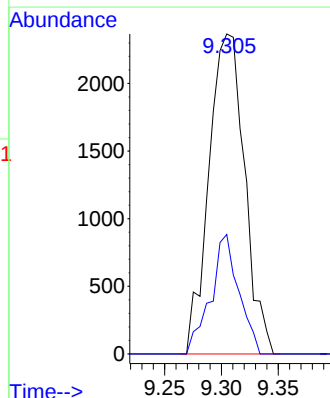
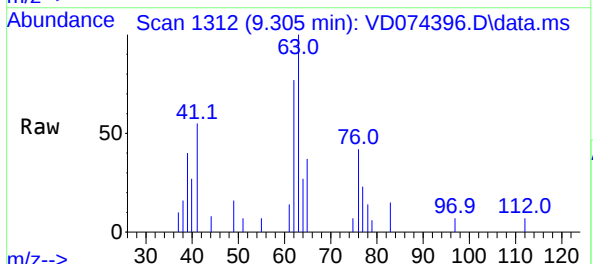
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

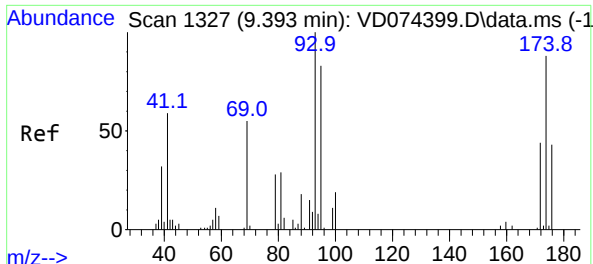
Tgt Ion:130 Resp: 5524  
Ion Ratio Lower Upper  
130 100  
95 99.6 0.0 202.2



#45  
1,2-Dichloropropane  
Concen: 4.586 ug/l  
RT: 9.305 min Scan# 1312  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

Tgt Ion: 63 Resp: 5176  
Ion Ratio Lower Upper  
63 100  
65 37.4 24.5 36.7#





#46

Dibromomethane

Concen: 4.492 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD074396.D

Acq: 22 Sep 2022 10:46

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

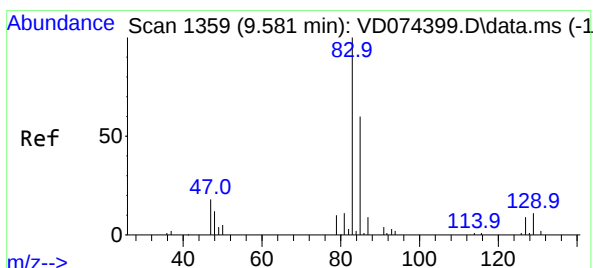
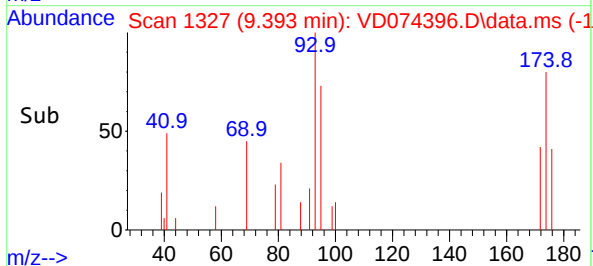
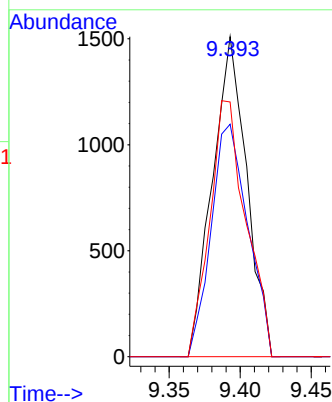
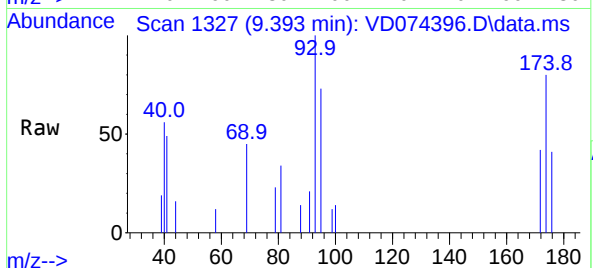
Tgt Ion: 93 Resp: 2536

Ion Ratio Lower Upper

93 100

95 78.2 67.7 101.5

174 84.5 79.6 119.4



#47

Bromodichloromethane

Concen: 4.797 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. 0.000 min

Lab File: VD074396.D

Acq: 22 Sep 2022 10:46

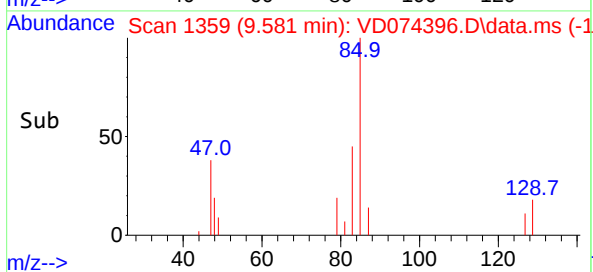
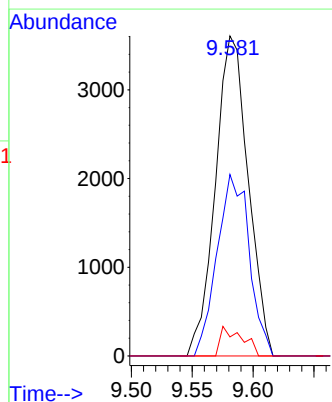
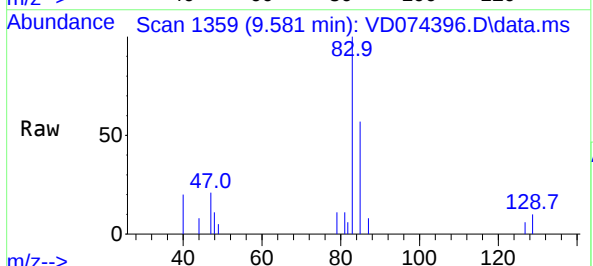
Tgt Ion: 83 Resp: 6771

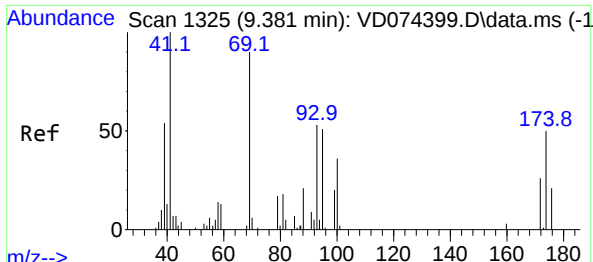
Ion Ratio Lower Upper

83 100

85 56.7 53.4 80.2

127 6.0 6.9 10.3#





#48

Methyl methacrylate

Concen: 4.616 ug/l

RT: 9.381 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074396.D

Acq: 22 Sep 2022 10:46

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

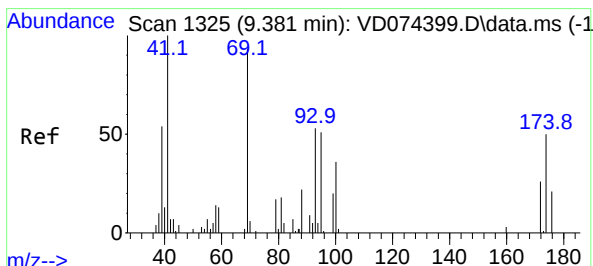
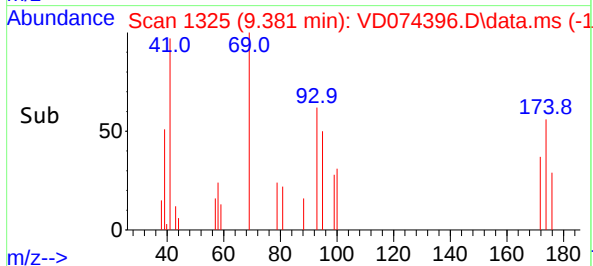
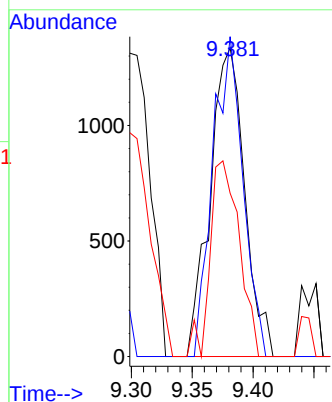
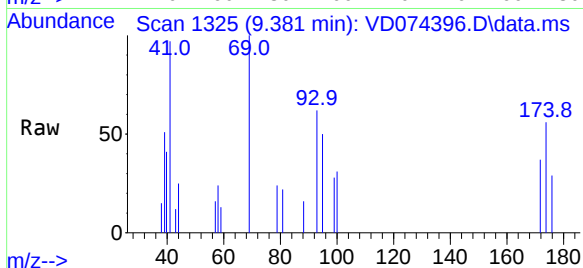
Tgt Ion: 41 Resp: 2642

Ion Ratio Lower Upper

41 100

69 90.4 72.7 109.1

39 53.5 41.6 62.4



#49

1,4-Dioxane

Concen: 66.614 ug/l

RT: 9.375 min Scan# 1324

Delta R.T. -0.006 min

Lab File: VD074396.D

Acq: 22 Sep 2022 10:46

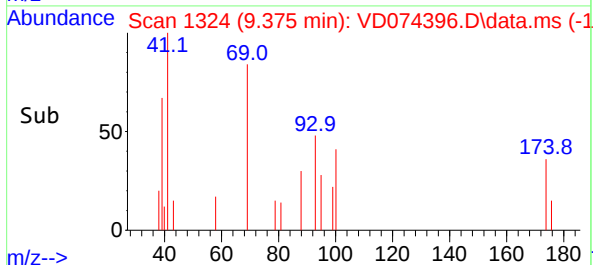
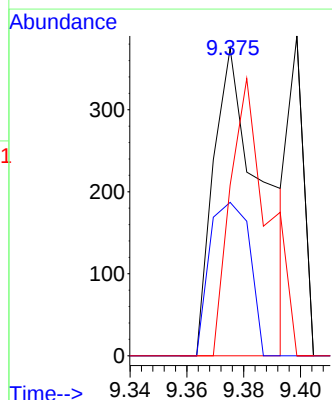
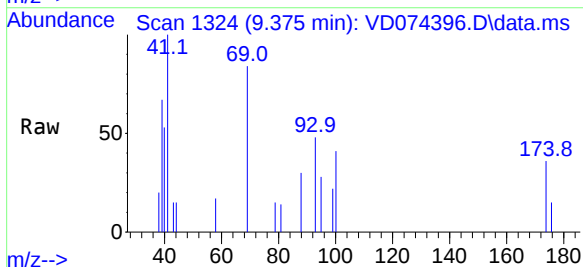
Tgt Ion: 88 Resp: 443

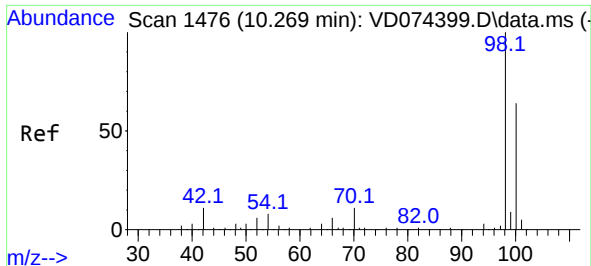
Ion Ratio Lower Upper

88 100

43 41.5 27.0 40.4#

58 70.0 54.2 81.2

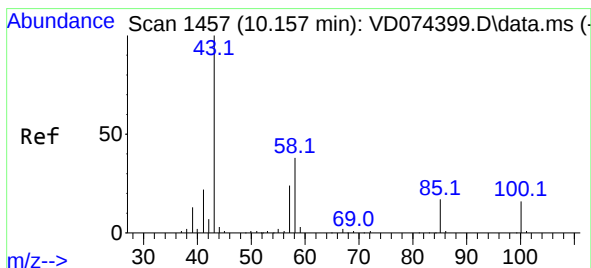
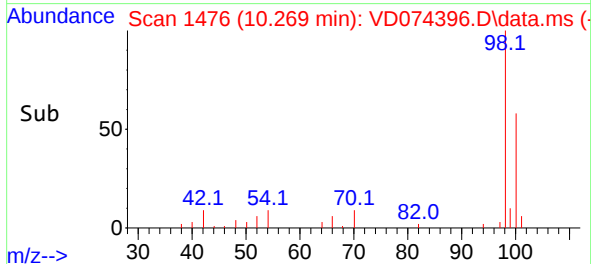
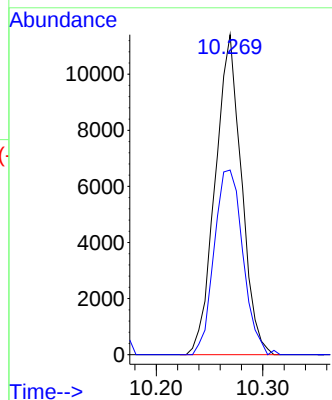
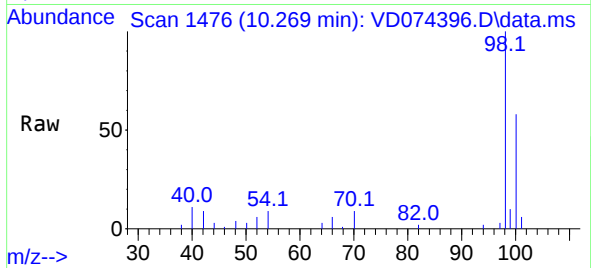




#50  
Toluene-d8  
Concen: 5.488 ug/l  
RT: 10.269 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

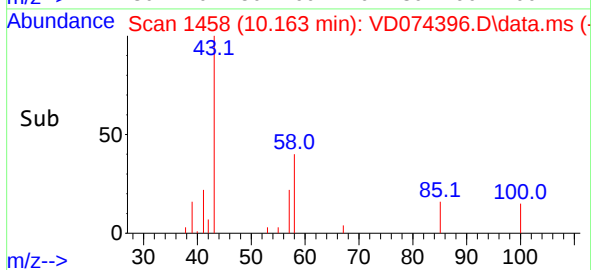
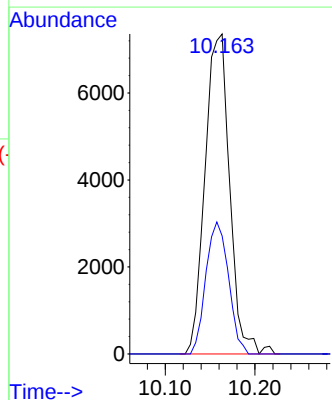
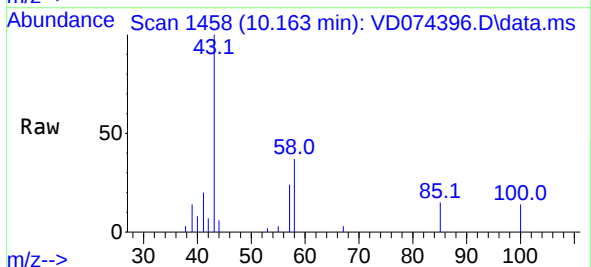
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC005

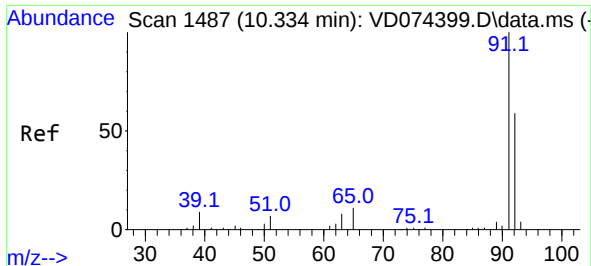
Tgt Ion: 98 Resp: 19542  
Ion Ratio Lower Upper  
98 100  
100 63.2 51.8 77.8



#51  
4-Methyl-2-Pentanone  
Concen: 21.906 ug/l  
RT: 10.163 min Scan# 1458  
Delta R.T. 0.006 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

Tgt Ion: 43 Resp: 14045  
Ion Ratio Lower Upper  
43 100  
58 37.8 33.3 49.9

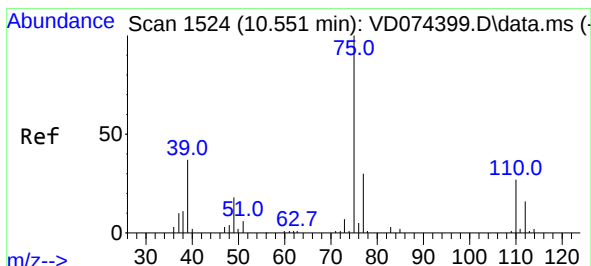
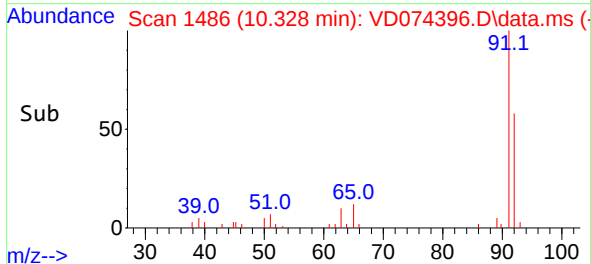
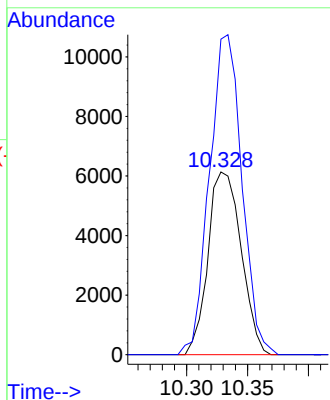
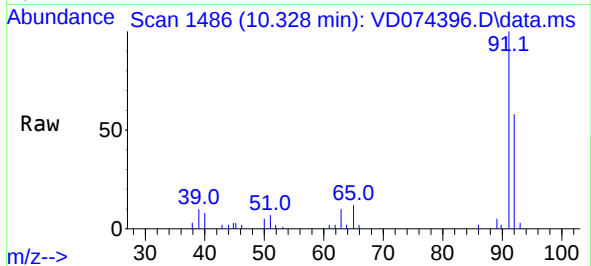




#52  
Toluene  
Concen: 4.309 ug/l  
RT: 10.328 min Scan# 1486  
Delta R.T. -0.006 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

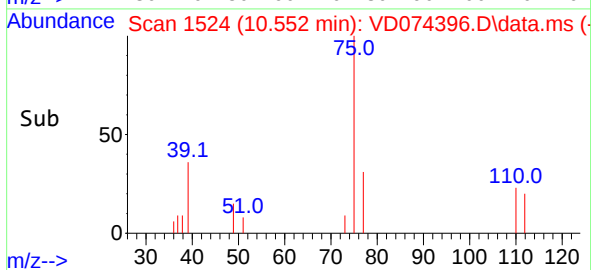
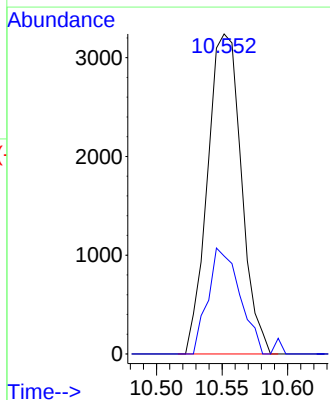
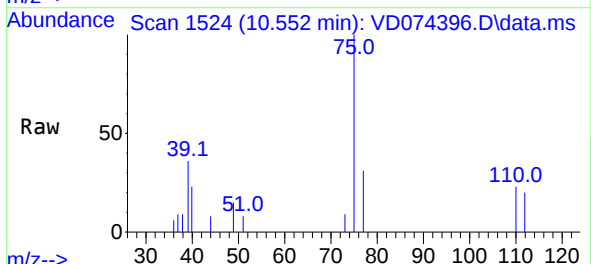
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

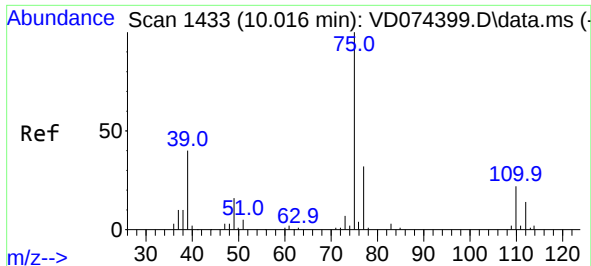
Tgt Ion: 92 Resp: 11637  
Ion Ratio Lower Upper  
92 100  
91 171.0 139.3 208.9



#53  
t-1,3-Dichloropropene  
Concen: 4.275 ug/l  
RT: 10.552 min Scan# 1524  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

Tgt Ion: 75 Resp: 5809  
Ion Ratio Lower Upper  
75 100  
77 30.6 25.7 38.5



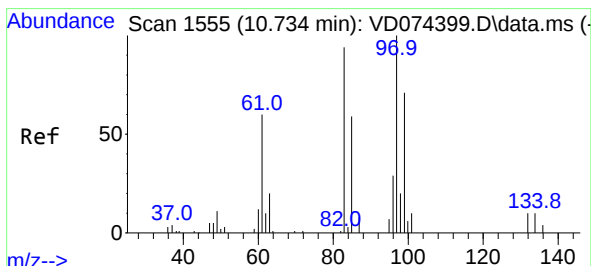
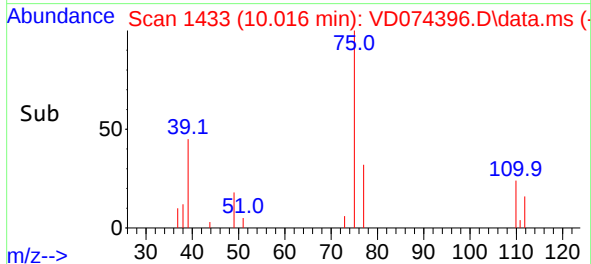
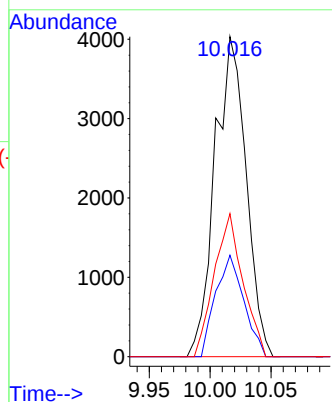
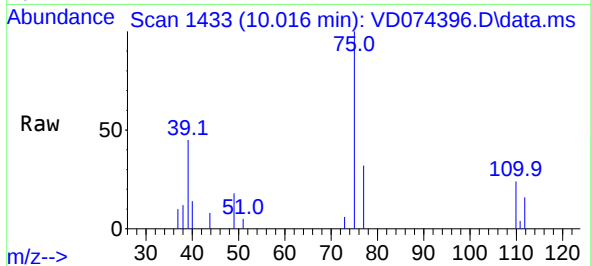


#54  
cis-1,3-Dichloropropene  
Concen: 4.290 ug/l  
RT: 10.016 min Scan# 1433  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

Tgt Ion: 75 Resp: 7170

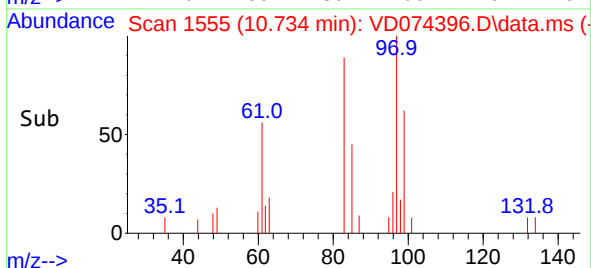
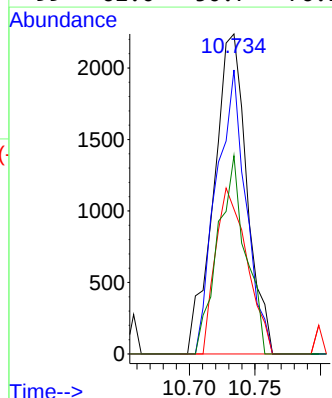
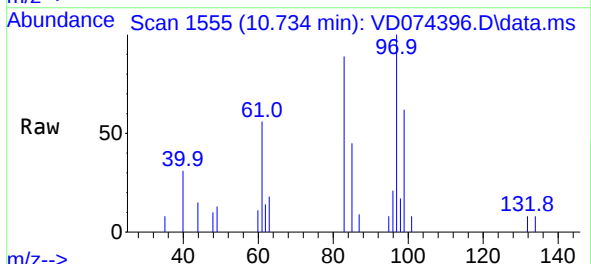
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 31.7  | 25.4  | 38.0  |
| 39  | 44.7  | 31.6  | 47.4  |

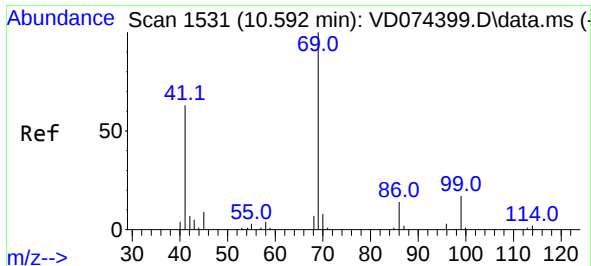


#55  
1,1,2-Trichloroethane  
Concen: 4.949 ug/l  
RT: 10.734 min Scan# 1555  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

Tgt Ion: 97 Resp: 3927

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 88.7  | 68.0  | 102.0 |
| 85  | 45.3  | 45.8  | 68.8# |
| 99  | 62.0  | 50.7  | 76.1  |

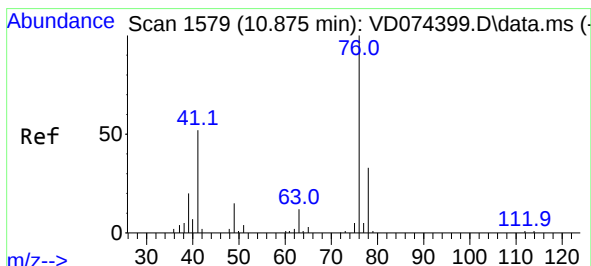
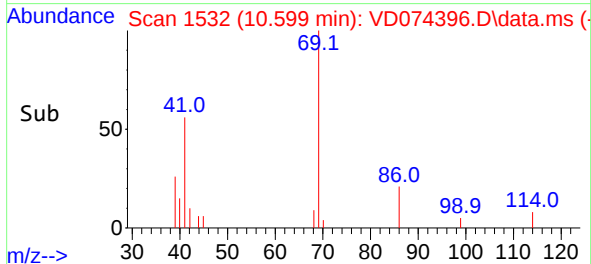
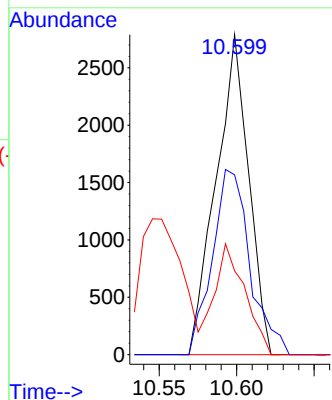
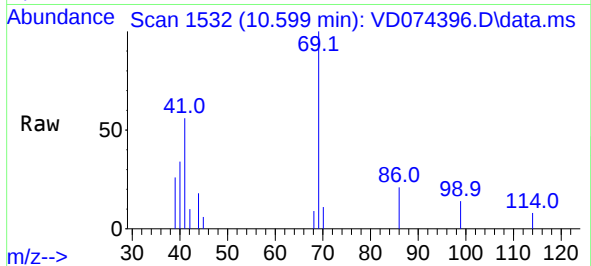




#56  
Ethyl methacrylate  
Concen: 4.081 ug/l  
RT: 10.599 min Scan# 1532  
Delta R.T. 0.006 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

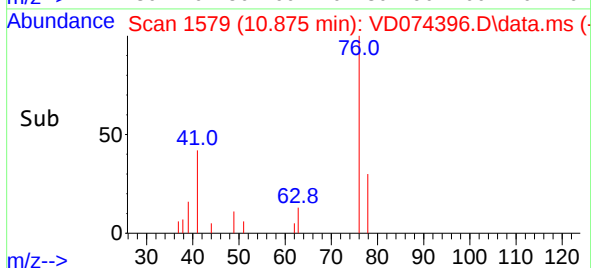
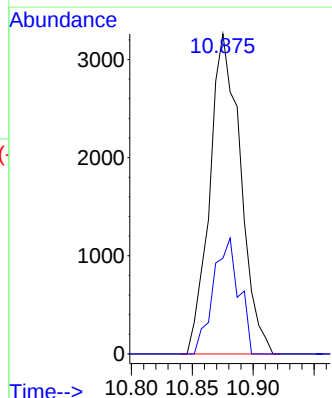
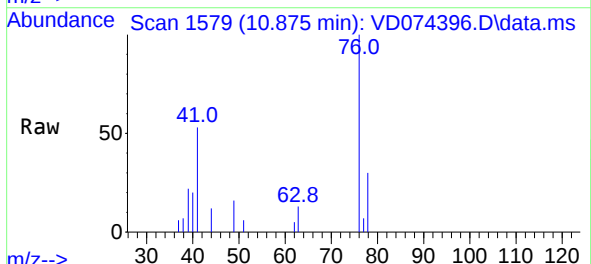
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC005

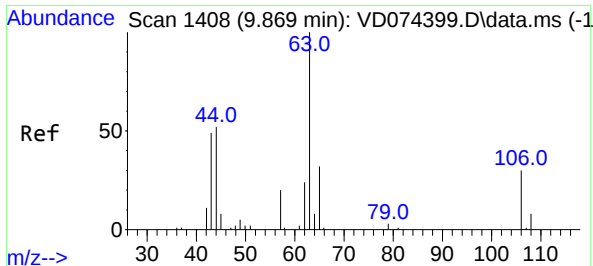
Tgt Ion: 69 Resp: 4075  
Ion Ratio Lower Upper  
69 100  
41 66.8 49.4 74.2  
39 32.6 24.2 36.4



#57  
1,3-Dichloropropane  
Concen: 4.123 ug/l  
RT: 10.875 min Scan# 1579  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

Tgt Ion: 76 Resp: 5718  
Ion Ratio Lower Upper  
76 100  
78 30.1 25.4 38.2

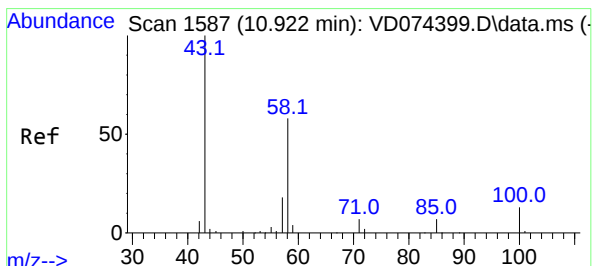
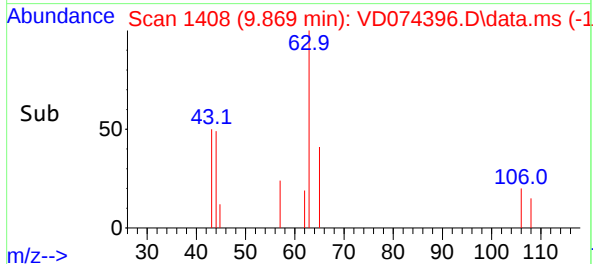
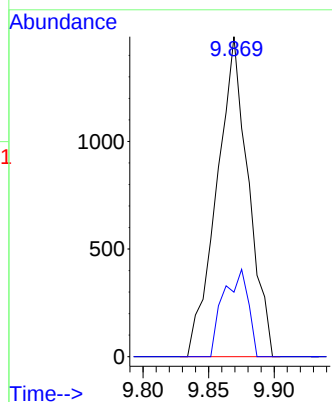
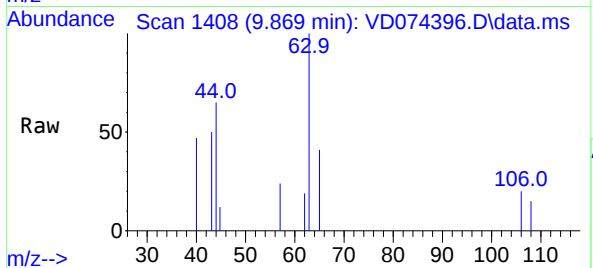




#58  
2-Chloroethyl Vinyl ether  
Concen: 14.619 ug/l  
RT: 9.869 min Scan# 1408  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

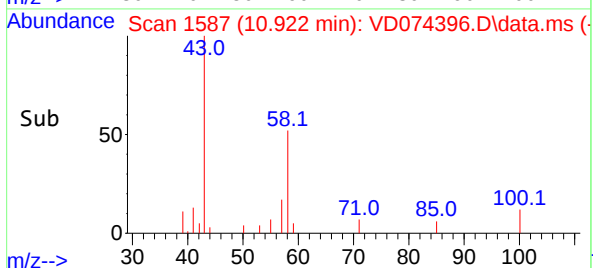
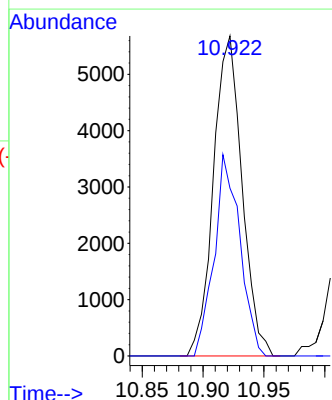
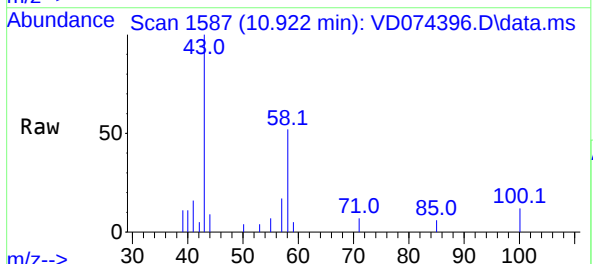
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

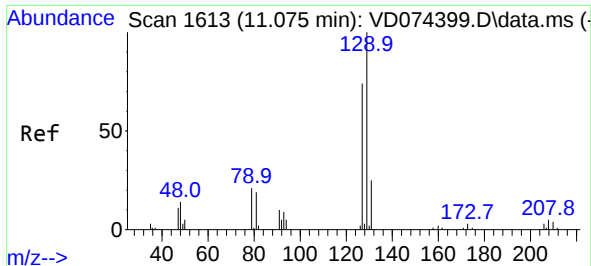
Tgt Ion: 63 Resp: 2482  
Ion Ratio Lower Upper  
63 100  
106 21.4 21.9 32.9#



#59  
2-Hexanone  
Concen: 21.193 ug/l  
RT: 10.922 min Scan# 1587  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

Tgt Ion: 43 Resp: 9283  
Ion Ratio Lower Upper  
43 100  
58 56.6 28.6 85.8

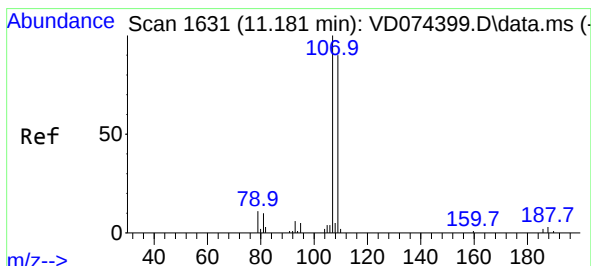
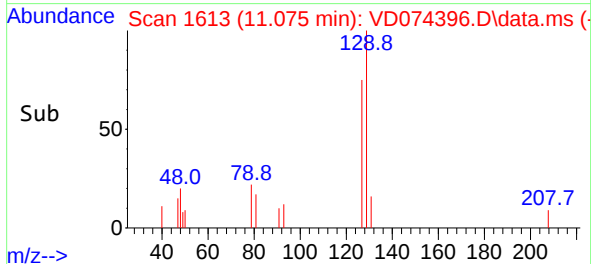
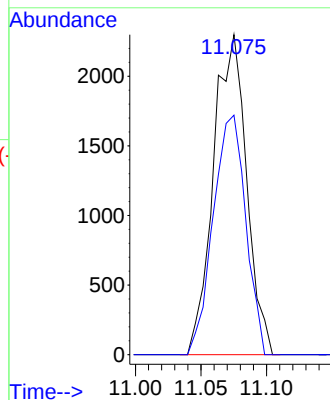
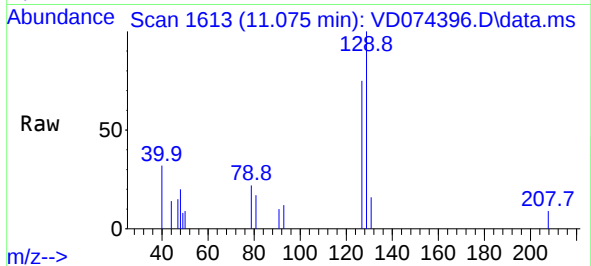




#60  
Dibromochloromethane  
Concen: 4.460 ug/l  
RT: 11.075 min Scan# 1613  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

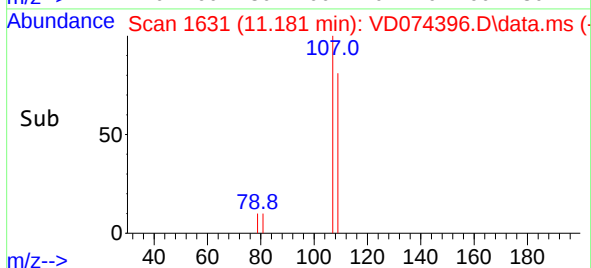
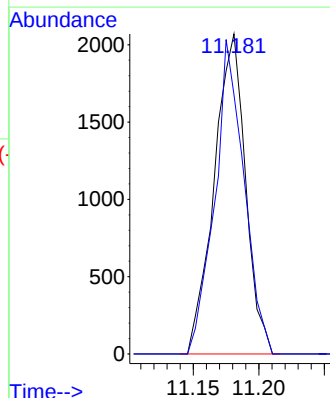
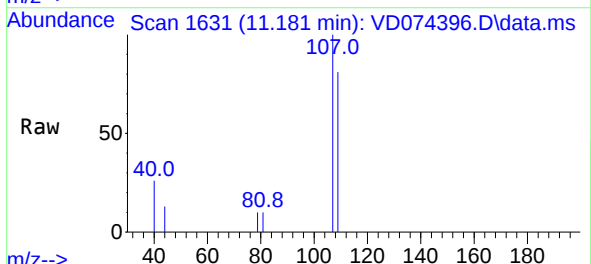
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

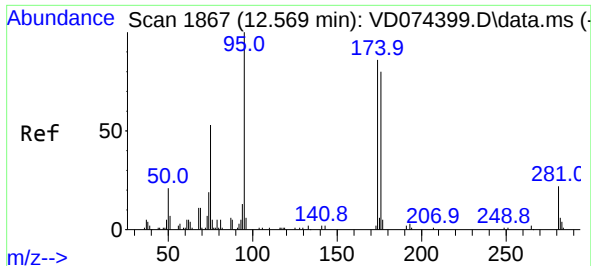
Tgt Ion:129 Resp: 4042  
Ion Ratio Lower Upper  
129 100  
127 73.4 39.0 116.9



#61  
1,2-Dibromoethane  
Concen: 4.777 ug/l  
RT: 11.181 min Scan# 1631  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

Tgt Ion:107 Resp: 3438  
Ion Ratio Lower Upper  
107 100  
109 91.7 73.7 110.5

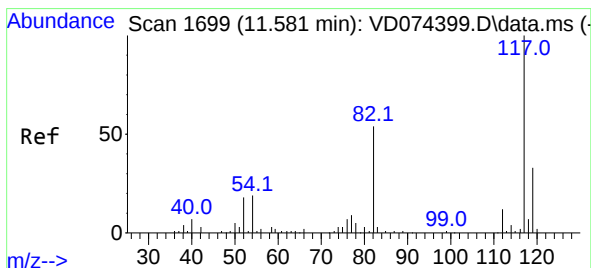
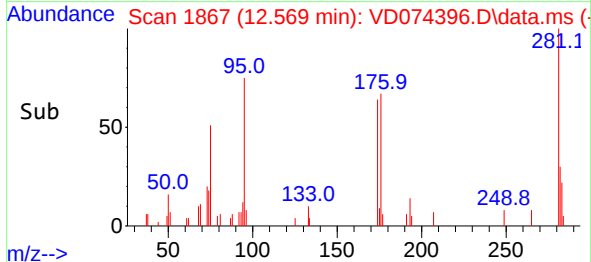
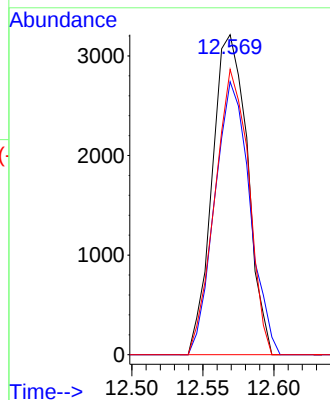
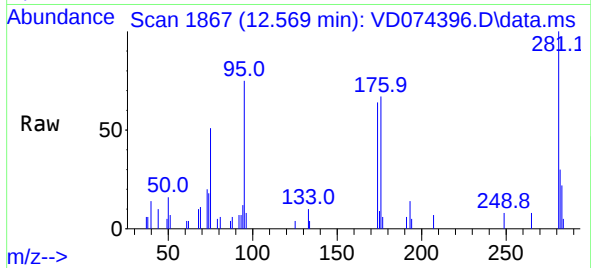




#62  
4-Bromofluorobenzene  
Concen: 3.971 ug/l  
RT: 12.569 min Scan# 1867  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

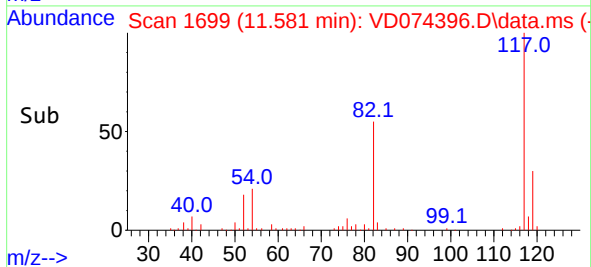
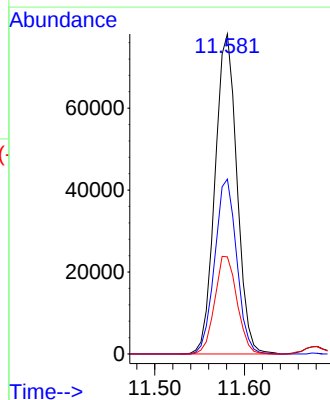
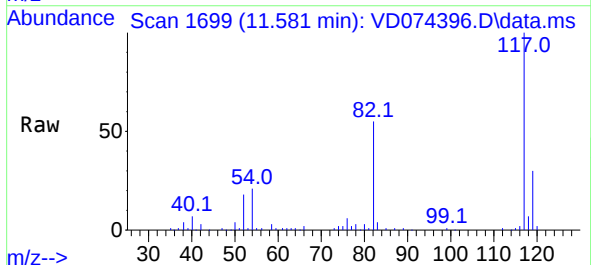
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

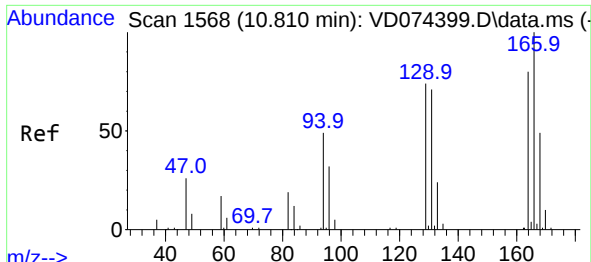
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 5532  |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 174      | 85.3  | 0.0   | 179.2 |
| 176      | 85.9  | 0.0   | 171.4 |



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.581 min Scan# 1699  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 132454 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 54.6  | 44.2  | 66.2   |
| 119      | 30.3  | 25.4  | 38.0   |

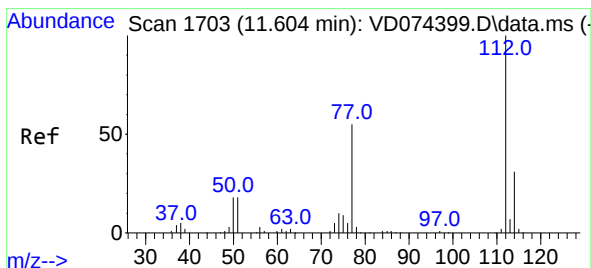
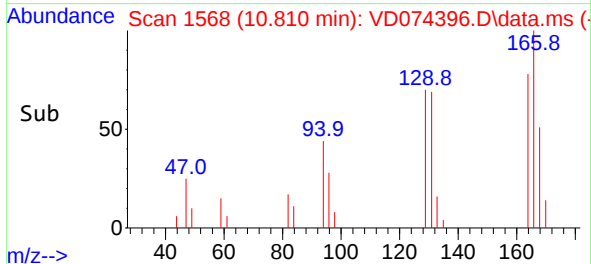
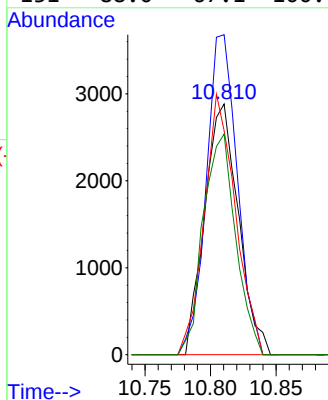
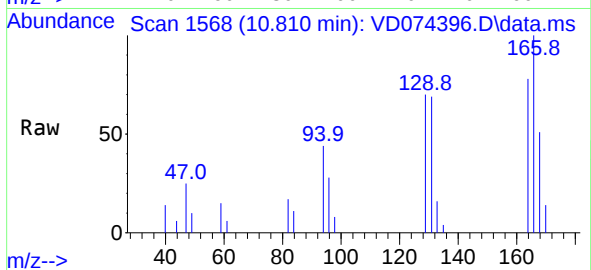




#64  
Tetrachloroethene  
Concen: 5.383 ug/l  
RT: 10.810 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

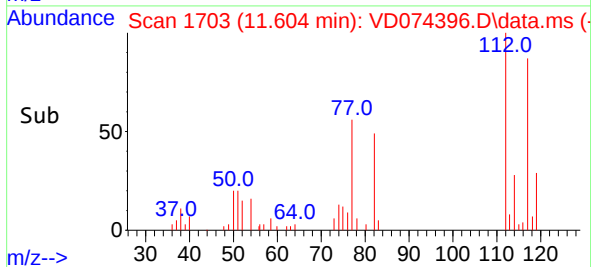
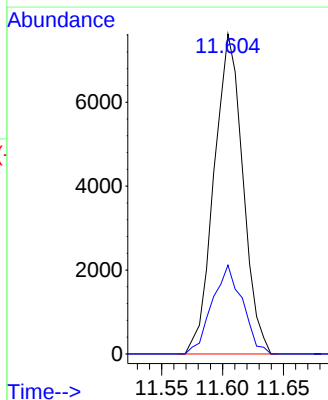
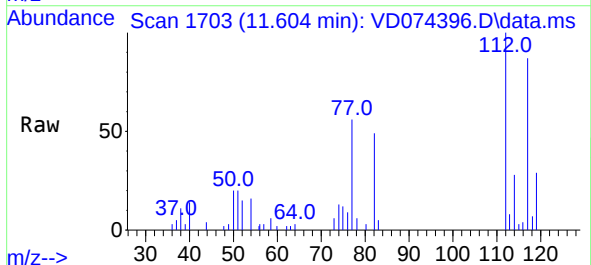
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

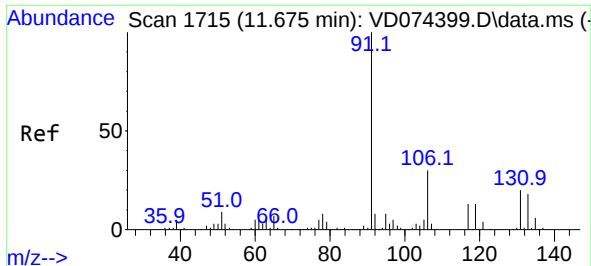
Tgt Ion:164 Resp: 5156  
Ion Ratio Lower Upper  
164 100  
166 127.6 93.8 140.8  
129 89.3 68.3 102.5  
131 88.0 67.1 100.7



#65  
Chlorobenzene  
Concen: 4.443 ug/l  
RT: 11.604 min Scan# 1703  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

Tgt Ion:112 Resp: 12574  
Ion Ratio Lower Upper  
112 100  
114 27.7 25.5 38.3

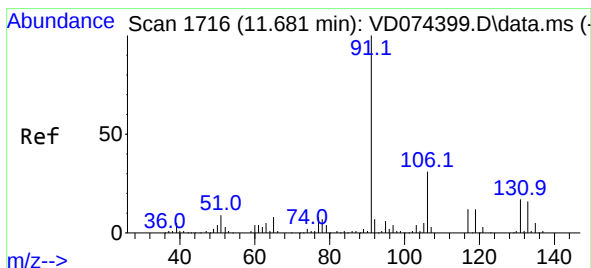
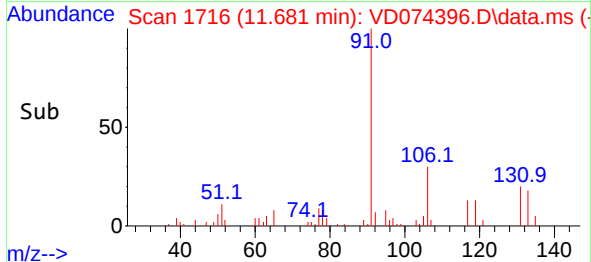
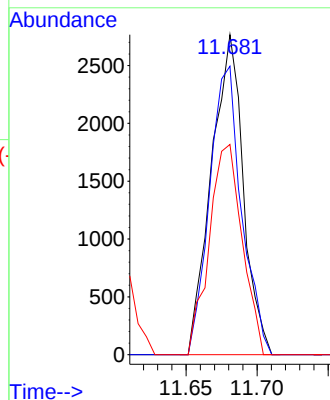
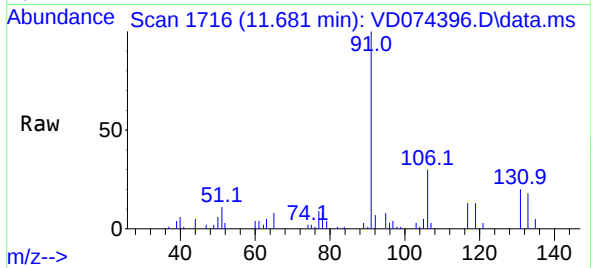




#66  
1,1,1,2-Tetrachloroethane  
Concen: 4.413 ug/l  
RT: 11.681 min Scan# 1716  
Delta R.T. 0.006 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

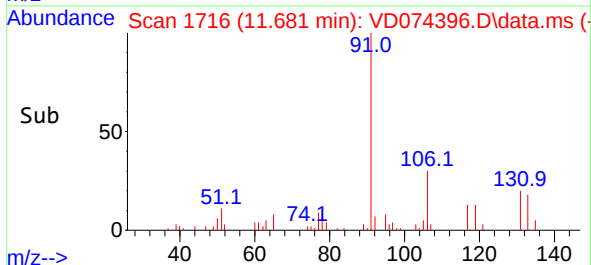
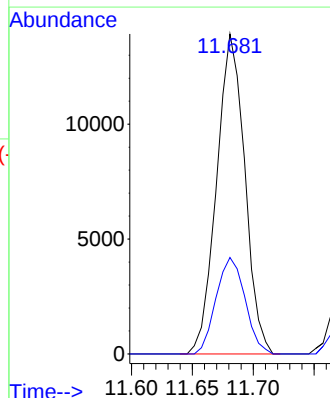
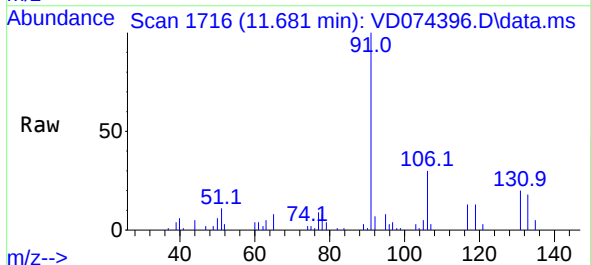
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC005

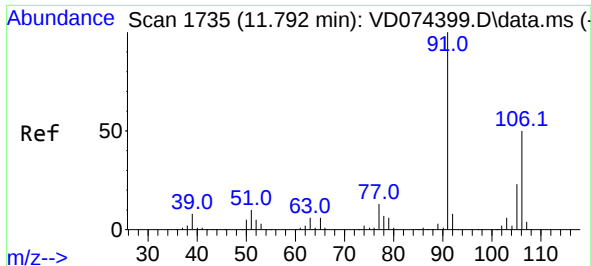
Tgt Ion:131 Resp: 4319  
Ion Ratio Lower Upper  
131 100  
133 90.6 47.8 143.4  
119 67.8 33.1 99.5



#67  
Ethyl Benzene  
Concen: 4.270 ug/l  
RT: 11.681 min Scan# 1716  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

Tgt Ion: 91 Resp: 22416  
Ion Ratio Lower Upper  
91 100  
106 30.1 24.8 37.2

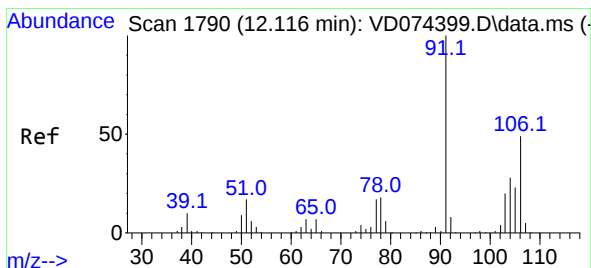
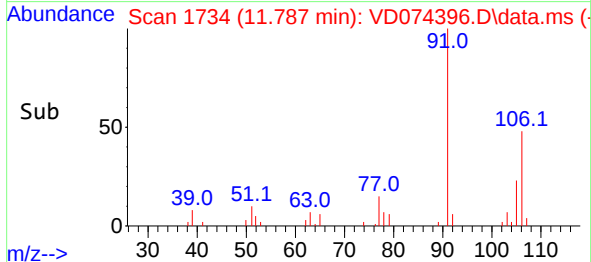
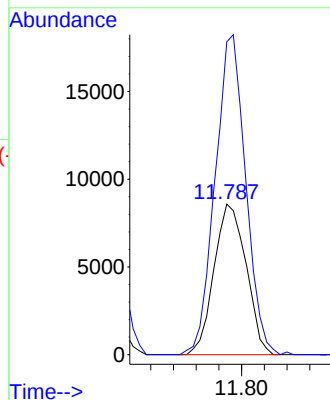
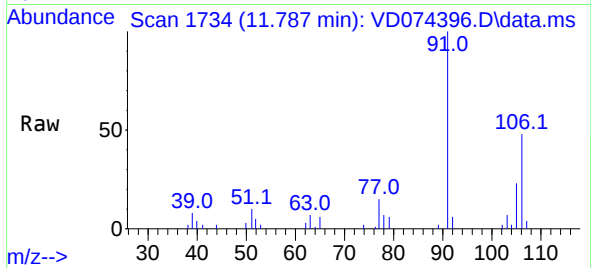




#68  
m/p-Xylenes  
Concen: 8.544 ug/l  
RT: 11.787 min Scan# 1734  
Delta R.T. -0.006 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

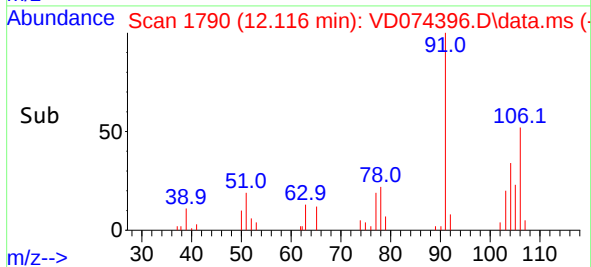
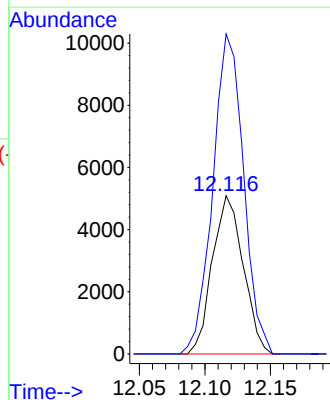
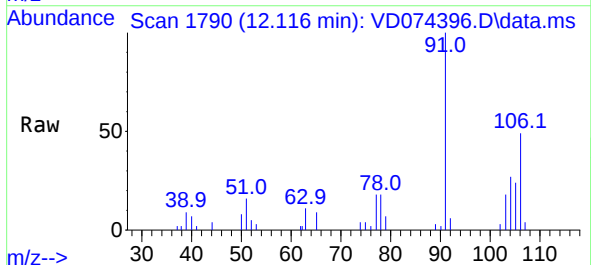
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

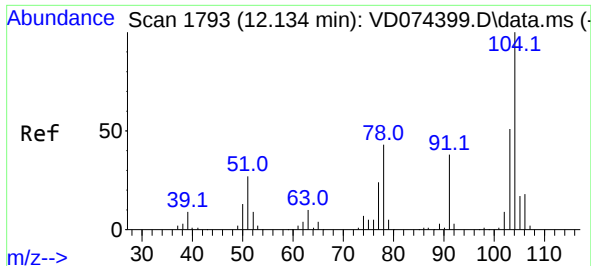
Tgt Ion:106 Resp: 16821  
Ion Ratio Lower Upper  
106 100  
91 202.6 158.6 237.8



#69  
o-Xylene  
Concen: 4.452 ug/l  
RT: 12.116 min Scan# 1790  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

Tgt Ion:106 Resp: 8321  
Ion Ratio Lower Upper  
106 100  
91 201.8 104.0 312.0

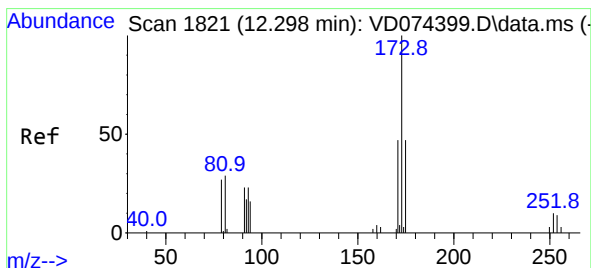
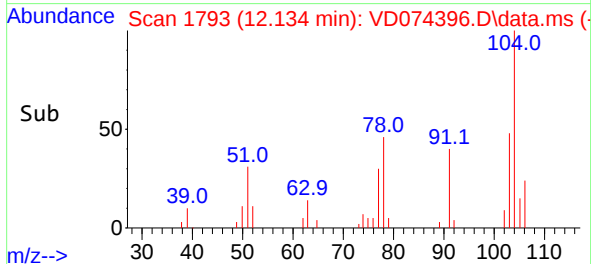
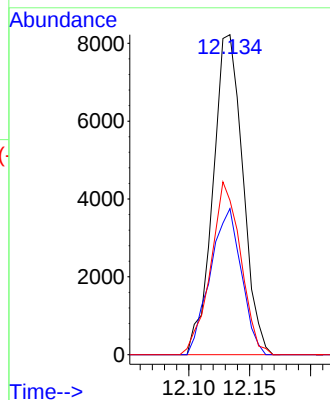
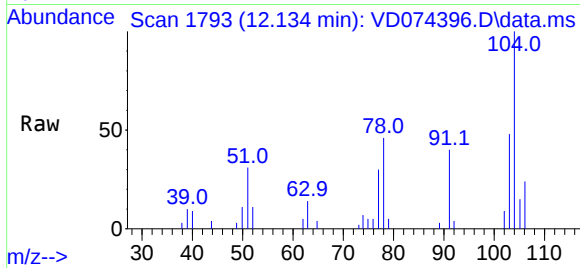




#70  
Styrene  
Concen: 4.338 ug/l  
RT: 12.134 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

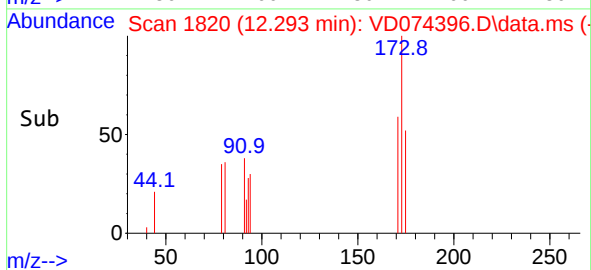
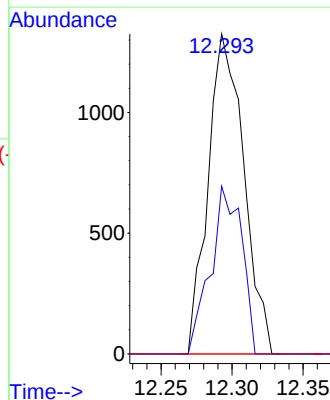
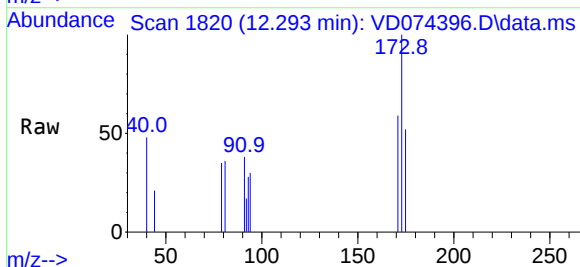
Instrument :  
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ClientSampleId :  
VSTDIC005

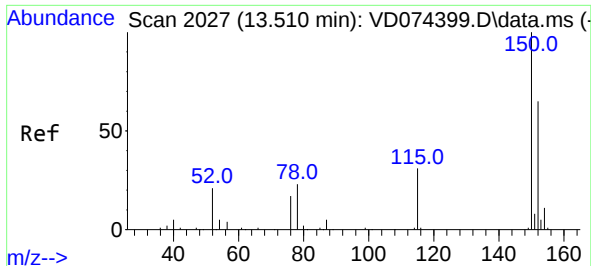
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 104   | Resp: | 14030 |
| Ion      | Ratio | Lower | Upper |
| 104      | 100   |       |       |
| 78       | 47.5  | 38.4  | 57.6  |
| 103      | 54.3  | 44.1  | 66.1  |



#71  
Bromoform  
Concen: 4.528 ug/l  
RT: 12.293 min Scan# 1820  
Delta R.T. -0.006 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 173   | Resp: | 2318  |
| Ion      | Ratio | Lower | Upper |
| 173      | 100   |       |       |
| 175      | 45.7  | 24.2  | 72.6  |
| 254      | 0.0   | 0.0   | 0.0   |

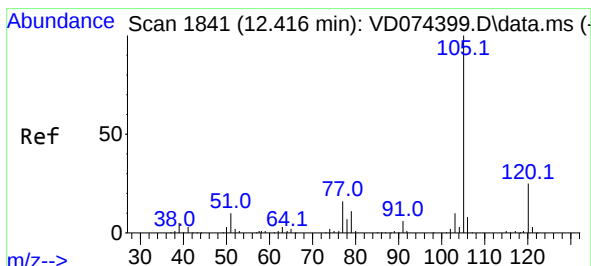
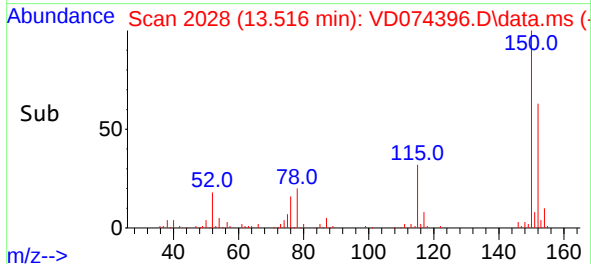
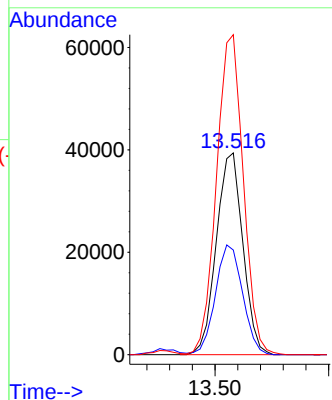
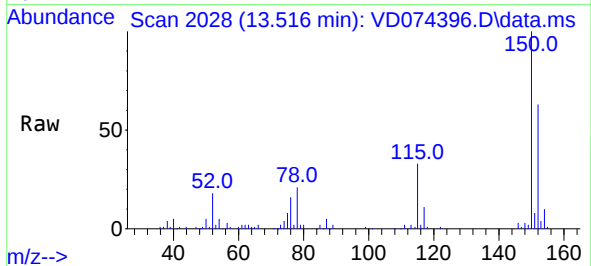




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.516 min Scan# 2027  
Delta R.T. 0.006 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

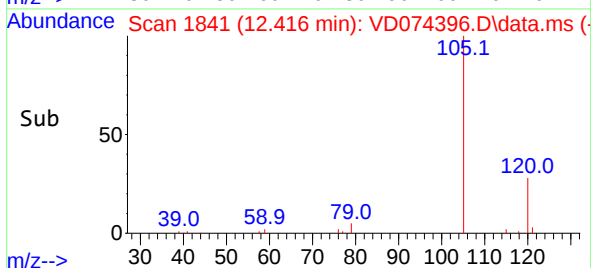
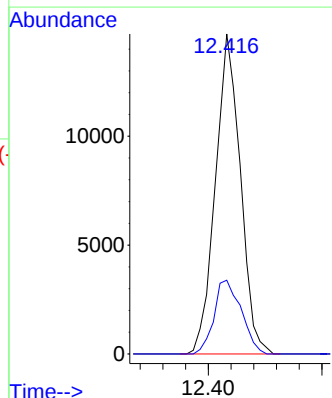
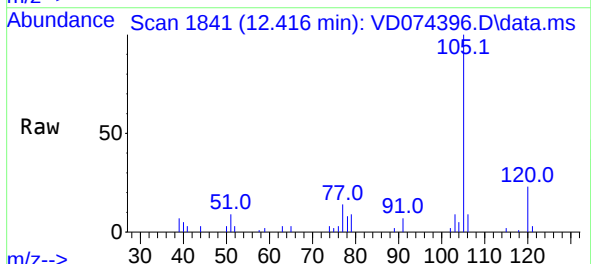
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

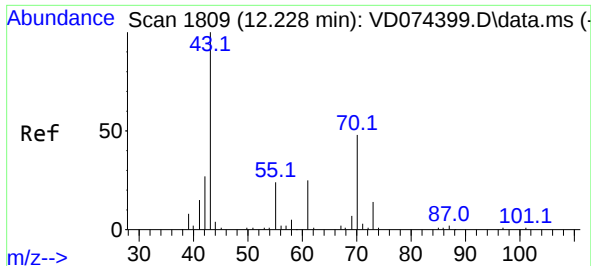
Tgt Ion:152 Resp: 63943  
Ion Ratio Lower Upper  
152 100  
115 55.7 28.4 85.2  
150 160.6 0.0 351.0



#73  
Isopropylbenzene  
Concen: 4.509 ug/l  
RT: 12.416 min Scan# 1841  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

Tgt Ion:105 Resp: 22419  
Ion Ratio Lower Upper  
105 100  
120 25.1 13.2 39.6

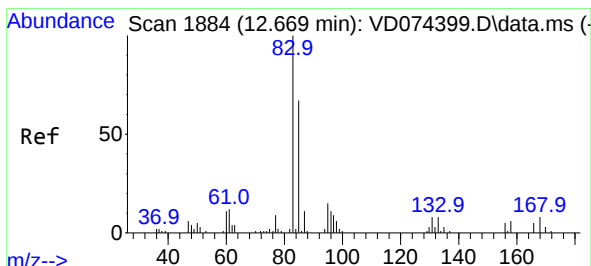
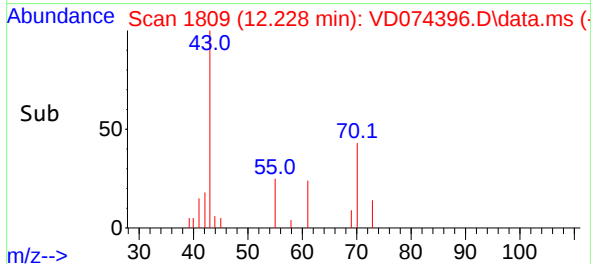
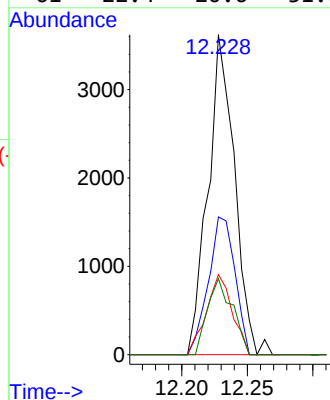
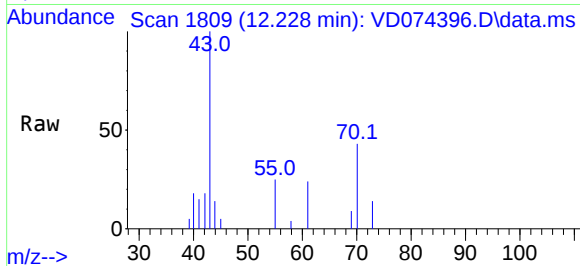




#74  
N-amy1 acetate  
Concen: 4.464 ug/l  
RT: 12.228 min Scan# 1809  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

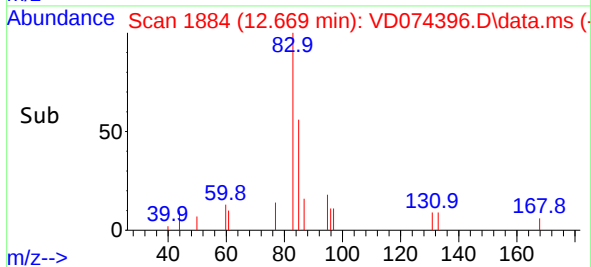
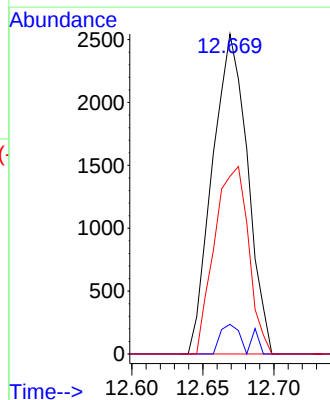
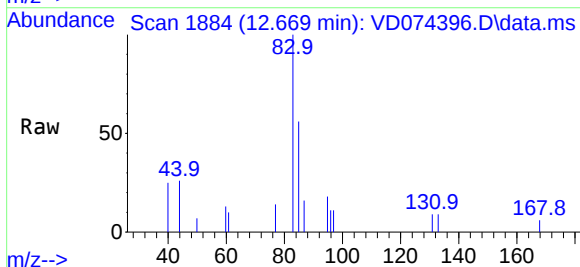
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

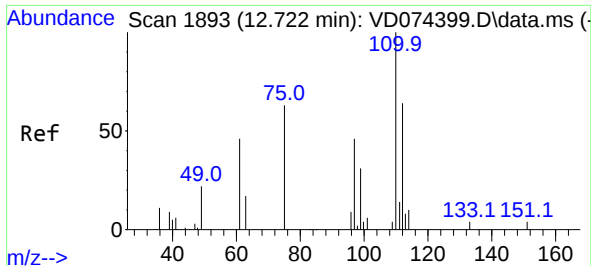
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 5099  |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 70 43.0     | 34.6 51.8   |
| 55 24.3     | 18.2 27.2   |
| 61 22.4     | 20.6 31.0   |



#75  
1,1,2,2-Tetrachloroethane  
Concen: 4.831 ug/l  
RT: 12.669 min Scan# 1884  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 4374  |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 131 6.6     | 4.9 14.7    |
| 85 56.8     | 32.3 96.9   |

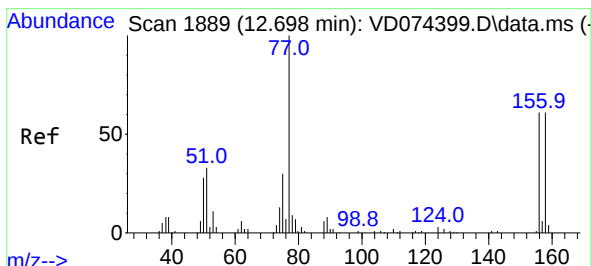
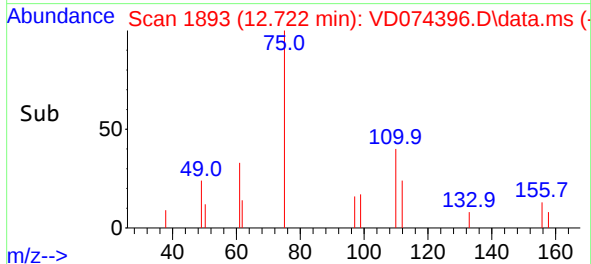
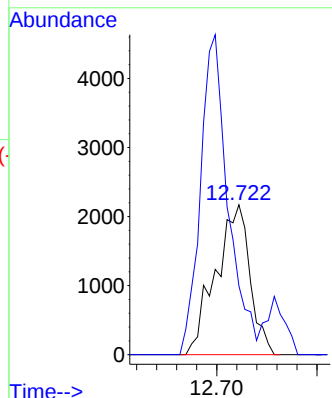
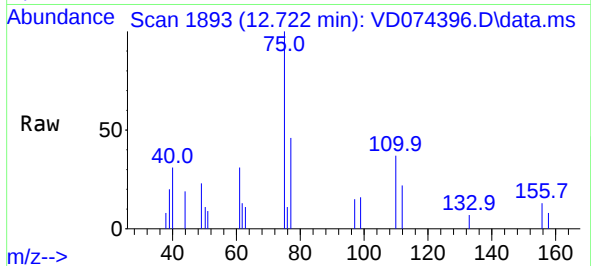




#76  
1,2,3-Trichloropropane  
Concen: 9.357 ug/l  
RT: 12.722 min Scan# 1893  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

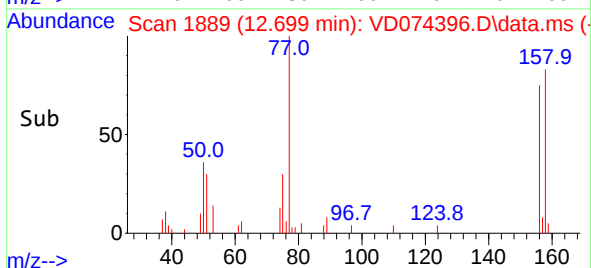
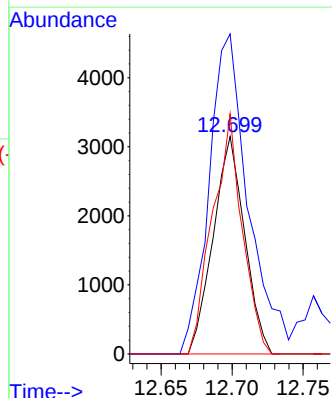
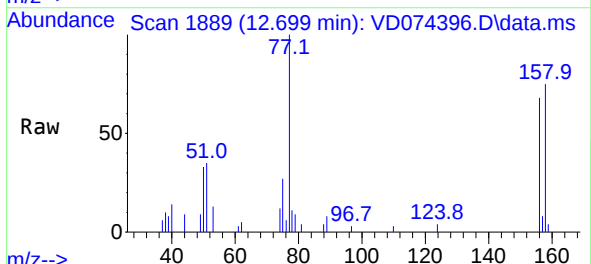
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

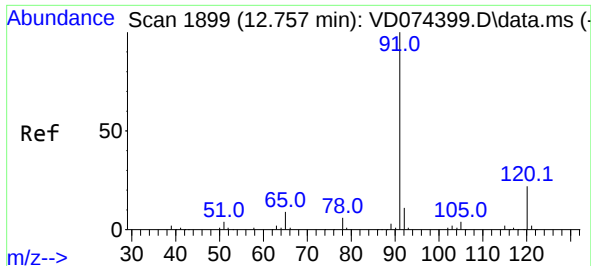
Tgt Ion: 75 Resp: 5140  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0



#77  
Bromobenzene  
Concen: 4.424 ug/l  
RT: 12.699 min Scan# 1889  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

Tgt Ion: 156 Resp: 4838  
Ion Ratio Lower Upper  
156 100  
77 183.0 91.1 273.3  
158 104.7 49.4 148.2

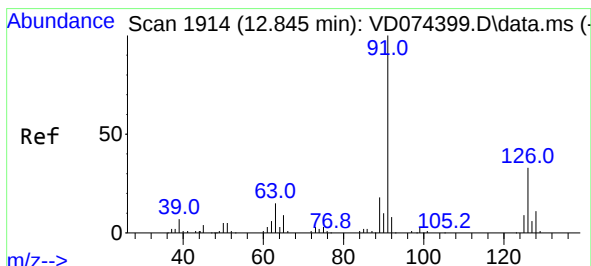
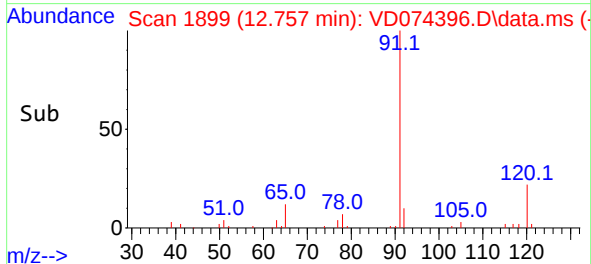
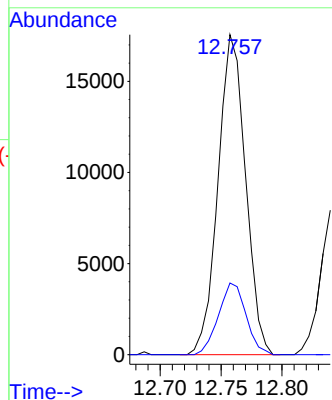
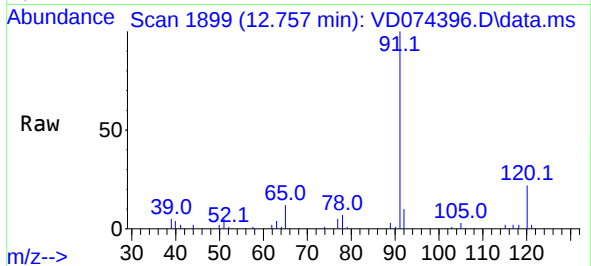




#78  
n-propylbenzene  
Concen: 4.466 ug/l  
RT: 12.757 min Scan# 1899  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

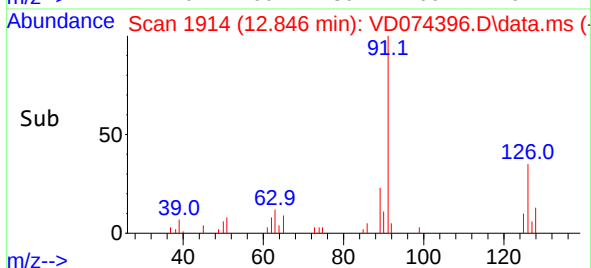
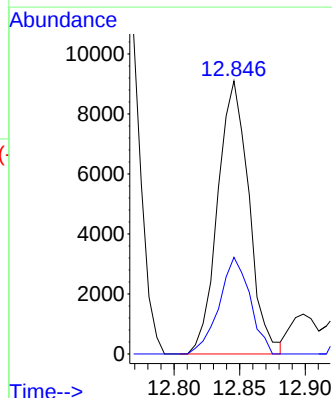
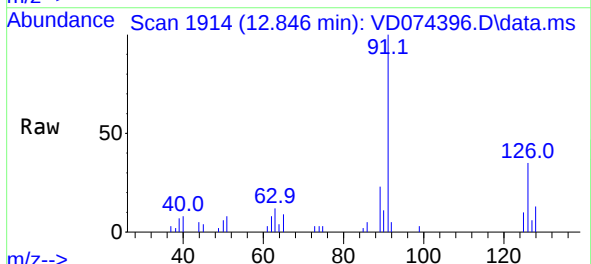
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

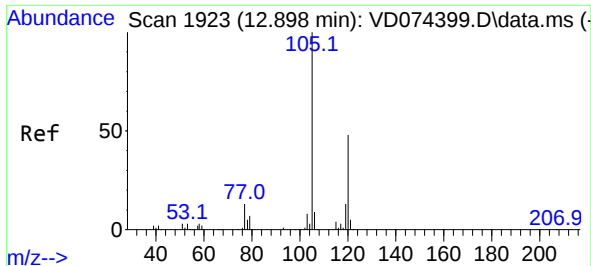
Tgt Ion: 91 Resp: 27599  
Ion Ratio Lower Upper  
91 100  
120 22.4 11.6 34.7



#79  
2-Chlorotoluene  
Concen: 4.572 ug/l  
RT: 12.846 min Scan# 1914  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

Tgt Ion: 91 Resp: 15067  
Ion Ratio Lower Upper  
91 100  
126 35.0 17.3 51.9

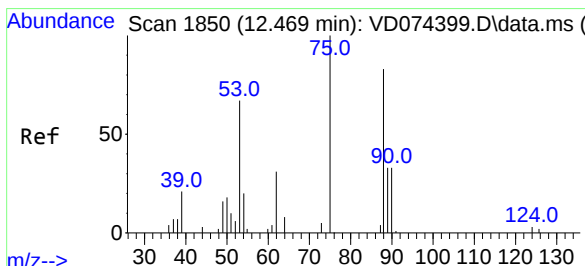
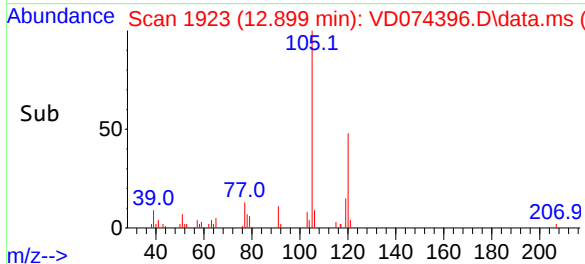
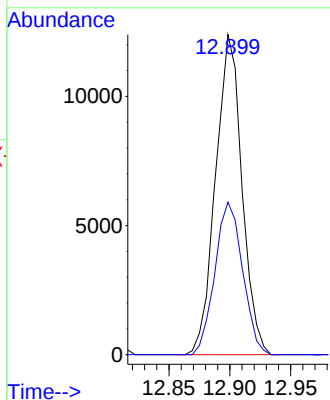
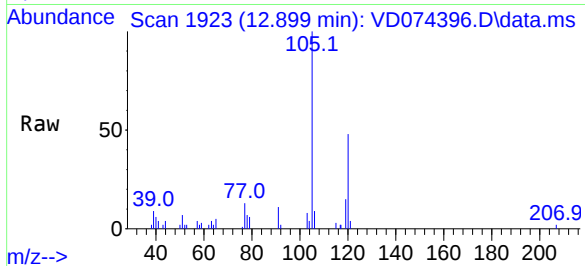




#80  
1,3,5-Trimethylbenzene  
Concen: 4.535 ug/l  
RT: 12.899 min Scan# 1923  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

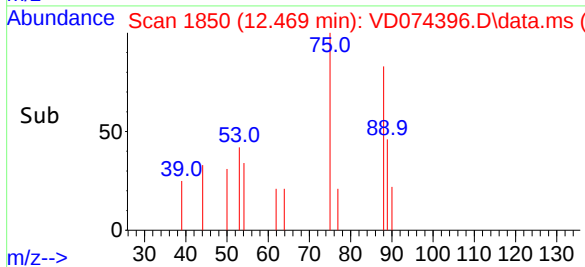
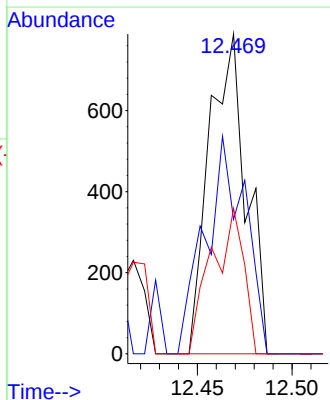
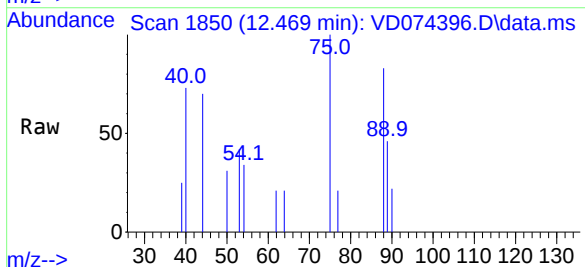
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

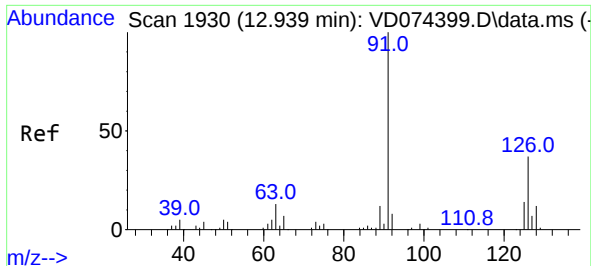
Tgt Ion:105 Resp: 18683  
Ion Ratio Lower Upper  
105 100  
120 50.0 24.6 74.0



#81  
trans-1,4-Dichloro-2-butene  
Concen: 4.127 ug/l  
RT: 12.469 min Scan# 1850  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

Tgt Ion: 75 Resp: 1072  
Ion Ratio Lower Upper  
75 100  
53 73.3 0.0 0.0#  
89 39.7 0.0 0.0#

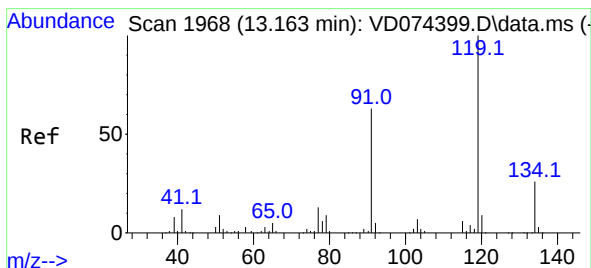
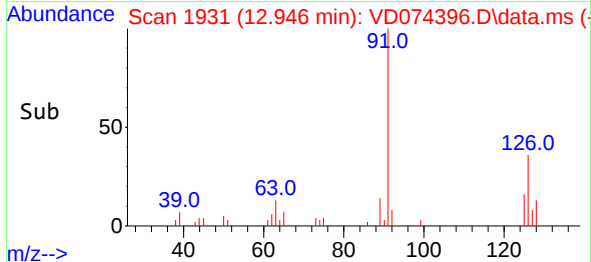
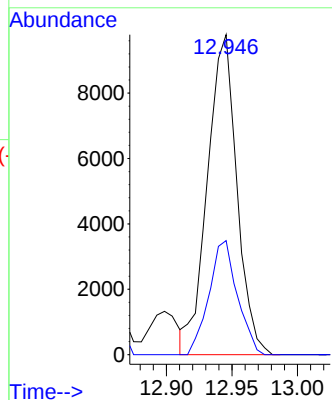
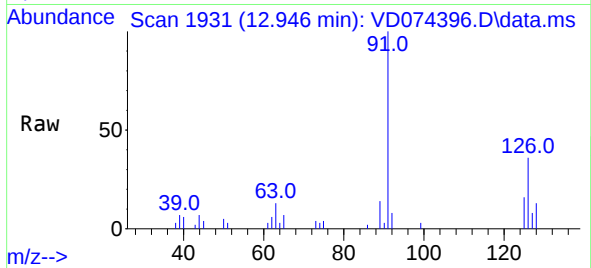




#82  
4-Chlorotoluene  
Concen: 4.510 ug/l  
RT: 12.946 min Scan# 1931  
Delta R.T. 0.006 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

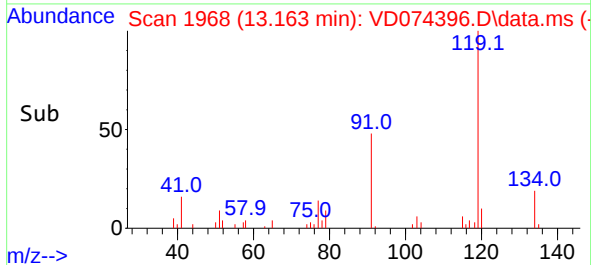
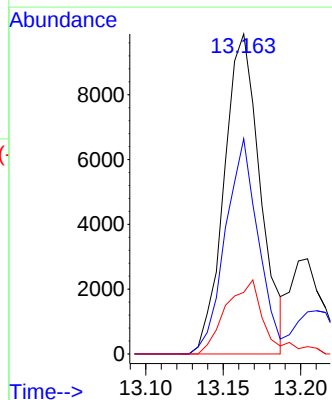
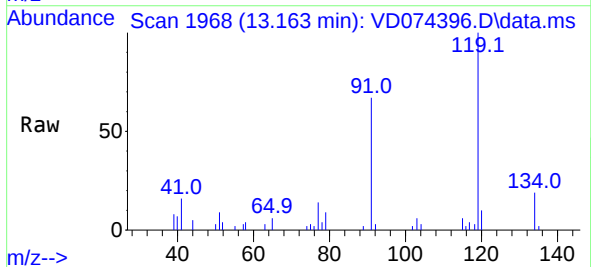
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC005

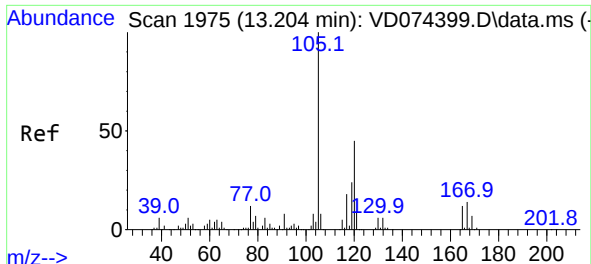
Tgt Ion: 91 Resp: 15308  
Ion Ratio Lower Upper  
91 100  
126 34.3 17.2 51.6



#83  
tert-Butylbenzene  
Concen: 4.451 ug/l  
RT: 13.163 min Scan# 1968  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

Tgt Ion: 119 Resp: 16007  
Ion Ratio Lower Upper  
119 100  
91 61.3 31.3 93.9  
134 24.8 13.4 40.1

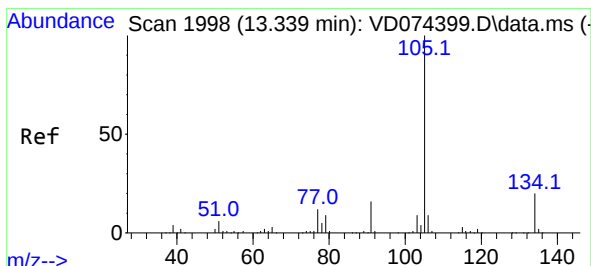
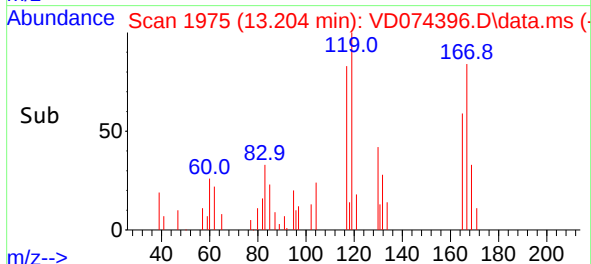
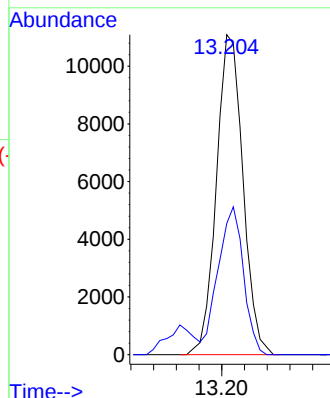
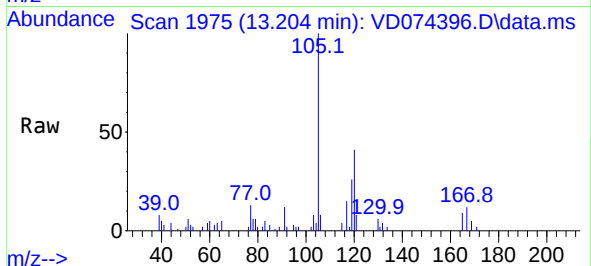




#84  
1,2,4-Trimethylbenzene  
Concen: 4.428 ug/l  
RT: 13.204 min Scan# 1975  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

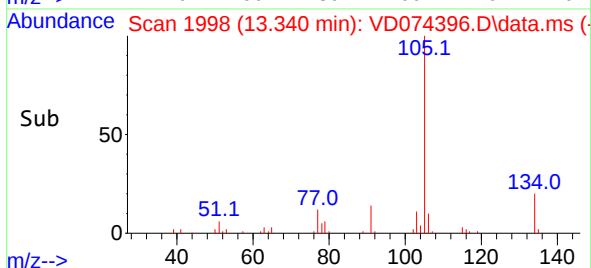
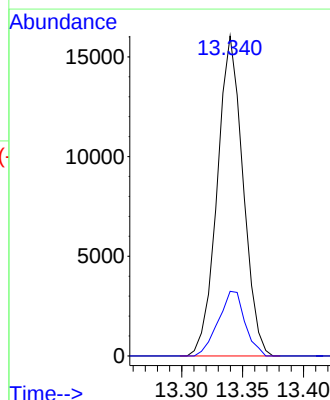
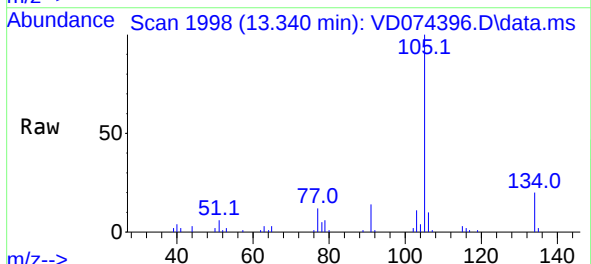
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC005

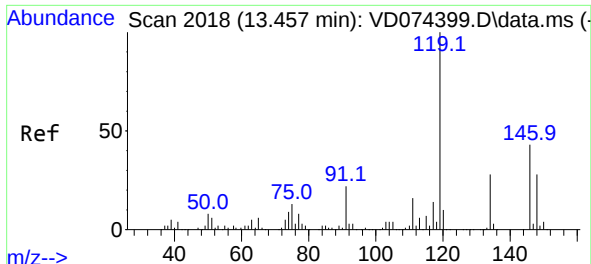
Tgt Ion:105 Resp: 17982  
Ion Ratio Lower Upper  
105 100  
120 44.3 23.1 69.3



#85  
sec-Butylbenzene  
Concen: 4.309 ug/l  
RT: 13.340 min Scan# 1998  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

Tgt Ion:105 Resp: 23680  
Ion Ratio Lower Upper  
105 100  
134 20.9 10.0 29.8

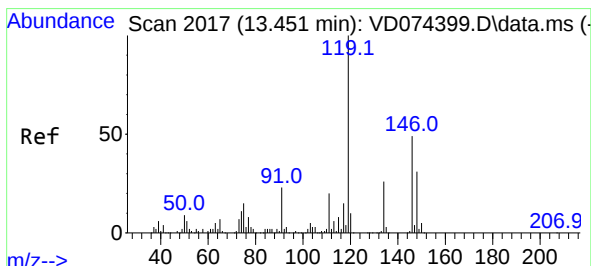
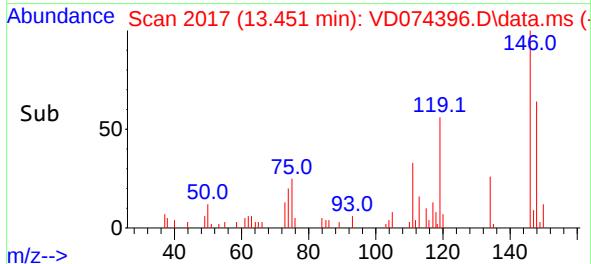
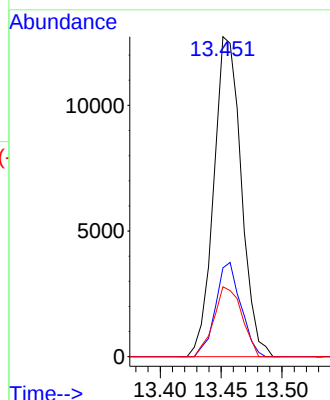
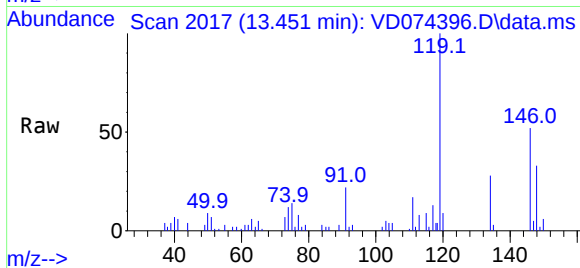




#86  
p-Isopropyltoluene  
Concen: 4.431 ug/l  
RT: 13.451 min Scan# 2017  
Delta R.T. -0.006 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

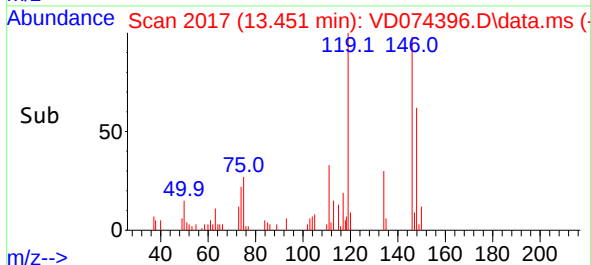
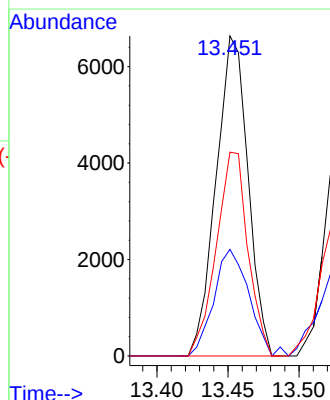
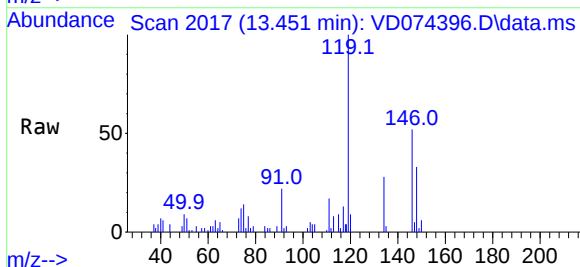
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

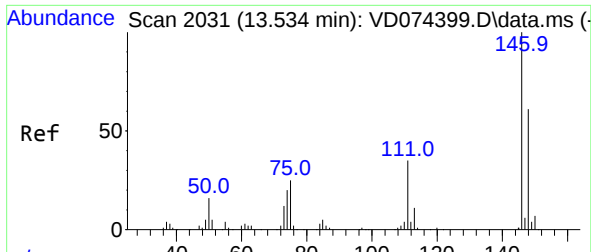
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:119 | Resp: | 19977       |
| Ion         | Ratio | Lower Upper |
| 119         | 100   |             |
| 134         | 27.1  | 13.1 39.3   |
| 91          | 22.4  | 11.2 33.5   |



#87  
1,3-Dichlorobenzene  
Concen: 4.653 ug/l  
RT: 13.451 min Scan# 2017  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:146 | Resp: | 10376       |
| Ion         | Ratio | Lower Upper |
| 146         | 100   |             |
| 111         | 36.7  | 18.1 54.4   |
| 148         | 63.2  | 31.7 95.1   |

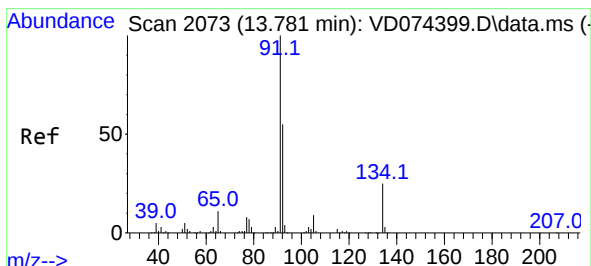
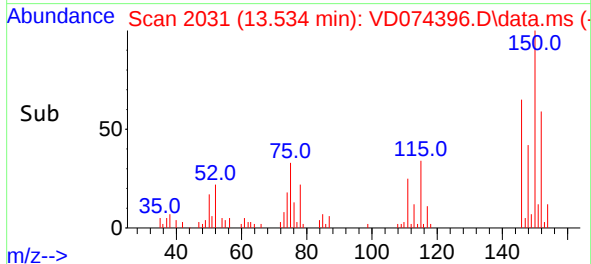
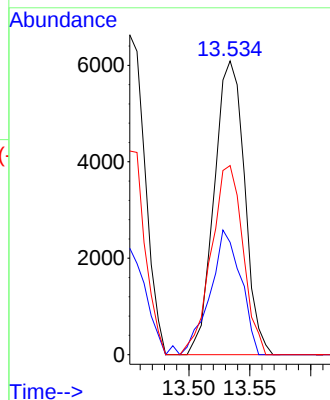
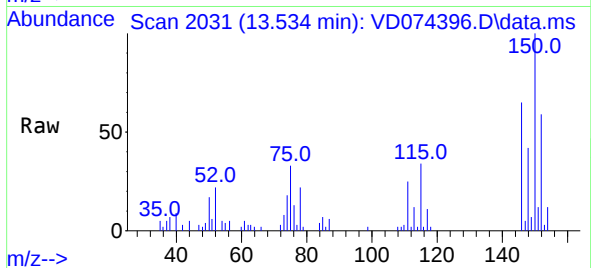




#88  
1,4-Dichlorobenzene  
Concen: 4.734 ug/l  
RT: 13.534 min Scan# 2031  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

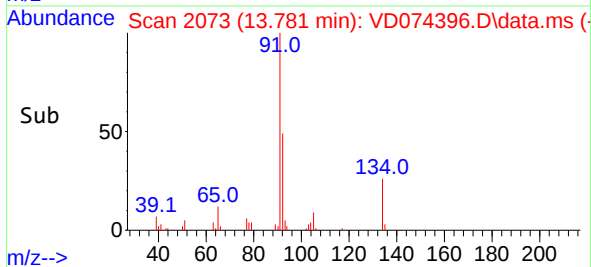
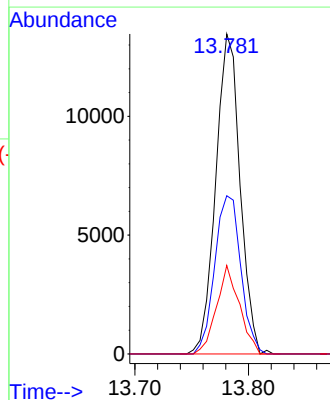
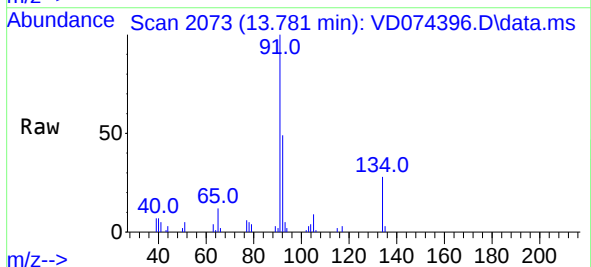
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

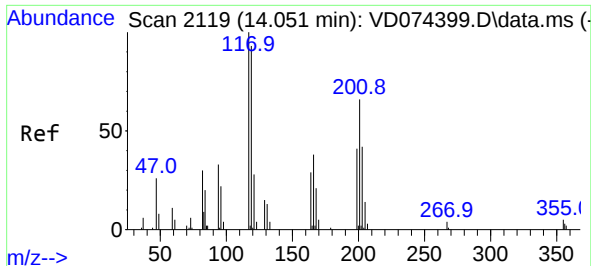
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 10565 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 42.8  | 18.4  | 55.2  |
| 148      | 67.3  | 32.1  | 96.5  |



#89  
n-Butylbenzene  
Concen: 4.520 ug/l  
RT: 13.781 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 20039 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 53.0  | 26.6  | 79.7  |
| 134      | 26.0  | 13.1  | 39.1  |

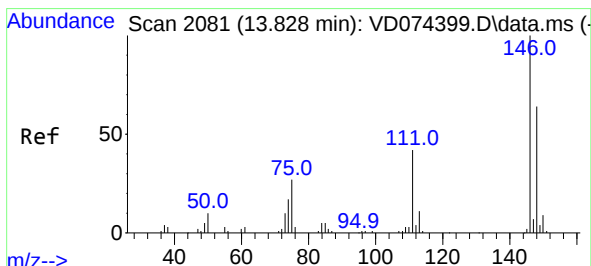
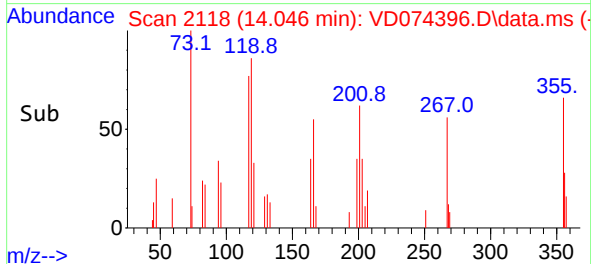
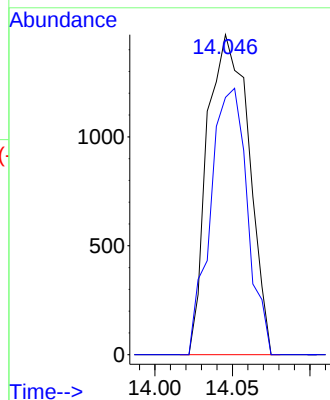
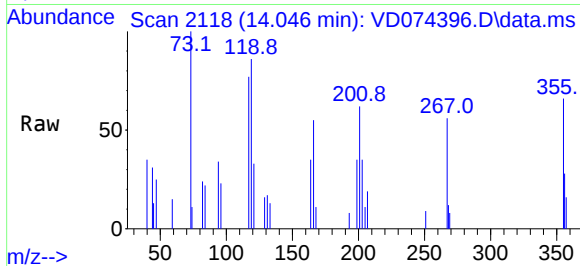




#90  
Hexachloroethane  
Concen: 3.714 ug/l  
RT: 14.046 min Scan# 2119  
Delta R.T. -0.006 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

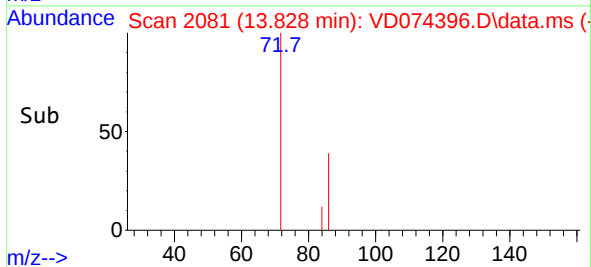
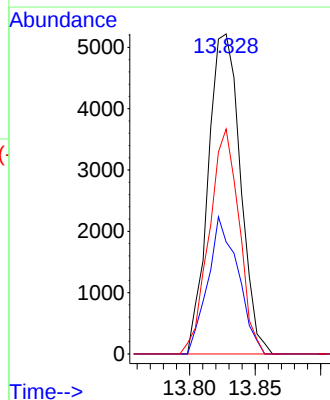
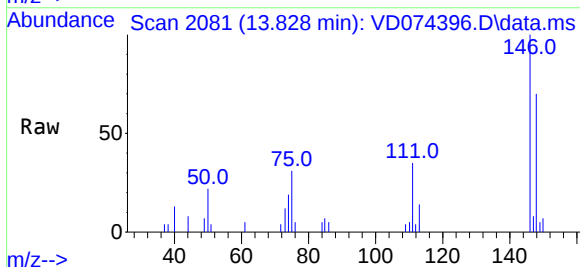
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

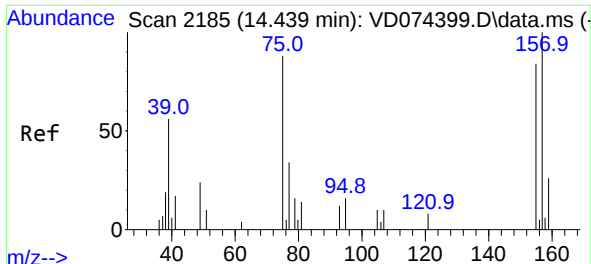
Tgt Ion:117 Resp: 2730  
Ion Ratio Lower Upper  
117 100  
201 74.2 38.0 113.9



#91  
1,2-Dichlorobenzene  
Concen: 4.627 ug/l  
RT: 13.828 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

Tgt Ion:146 Resp: 8916  
Ion Ratio Lower Upper  
146 100  
111 40.2 19.4 58.4  
148 65.3 31.5 94.5

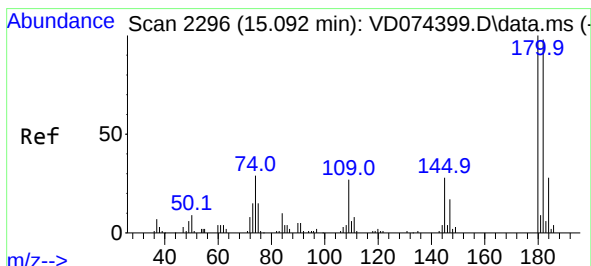
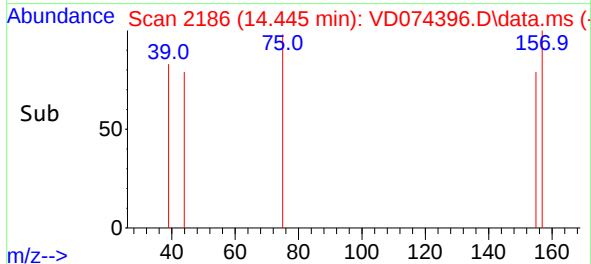
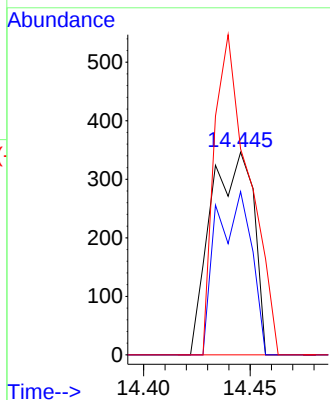
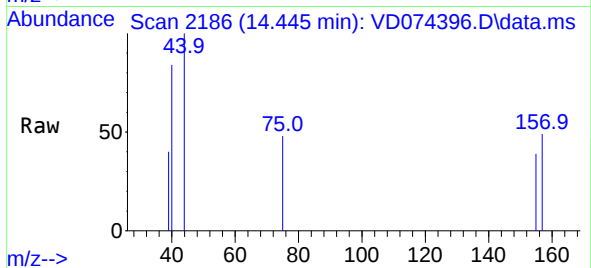




#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 3.787 ug/l  
 RT: 14.445 min Scan# 2186  
 Delta R.T. 0.006 min  
 Lab File: VD074396.D  
 Acq: 22 Sep 2022 10:46

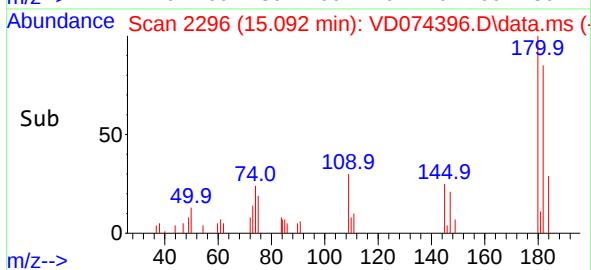
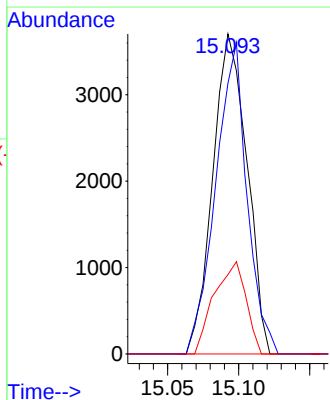
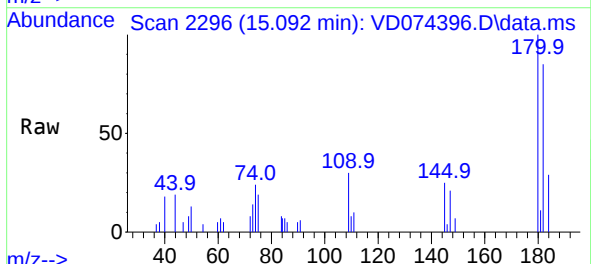
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

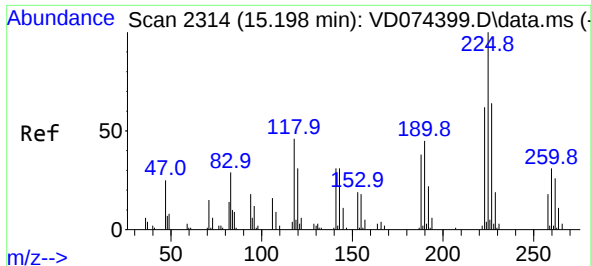
Tgt Ion: 75 Resp: 486  
 Ion Ratio Lower Upper  
 75 100  
 155 65.4 49.2 147.6  
 157 127.4 62.1 186.2



#93  
 1,2,4-Trichlorobenzene  
 Concen: 4.902 ug/l  
 RT: 15.092 min Scan# 2296  
 Delta R.T. 0.000 min  
 Lab File: VD074396.D  
 Acq: 22 Sep 2022 10:46

Tgt Ion: 180 Resp: 6188  
 Ion Ratio Lower Upper  
 180 100  
 182 89.2 47.6 142.9  
 145 26.9 14.4 43.4

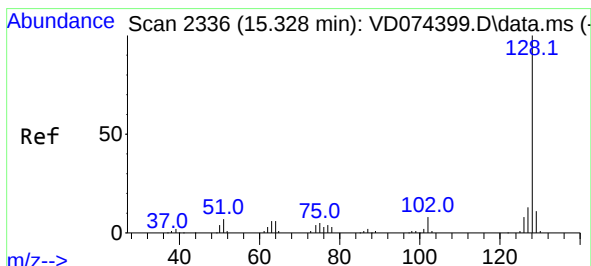
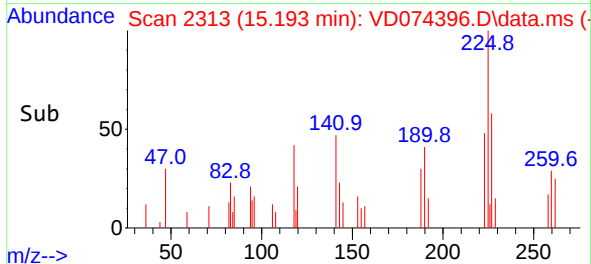
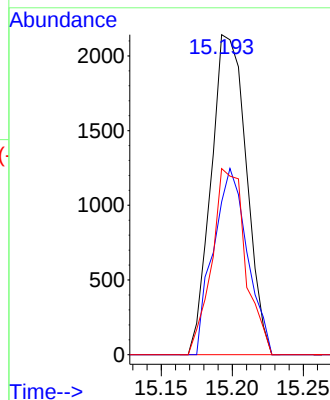
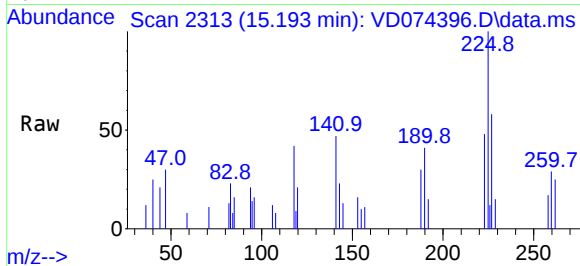




#94  
Hexachlorobutadiene  
Concen: 5.182 ug/l  
RT: 15.193 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

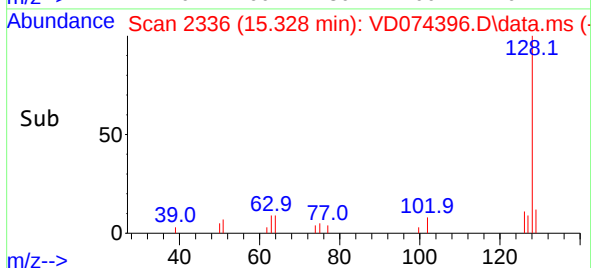
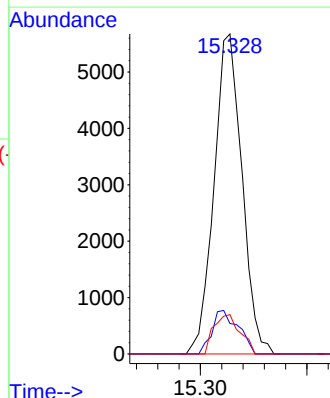
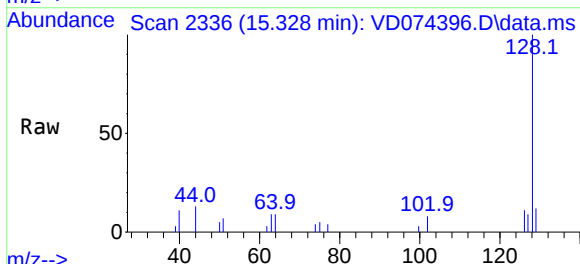
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

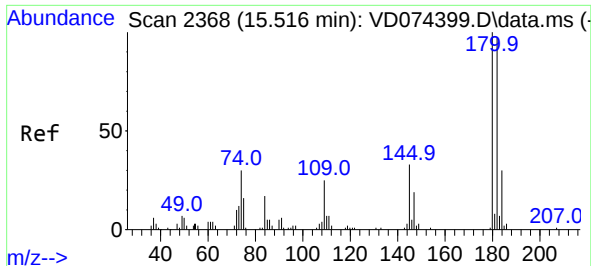
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 225   | Resp: | 3695 |
| Ion Ratio | Lower | Upper |      |
| 225       | 100   |       |      |
| 223       | 56.3  | 32.4  | 97.0 |
| 227       | 55.3  | 32.7  | 98.1 |



#95  
Naphthalene  
Concen: 4.242 ug/l  
RT: 15.328 min Scan# 2336  
Delta R.T. 0.000 min  
Lab File: VD074396.D  
Acq: 22 Sep 2022 10:46

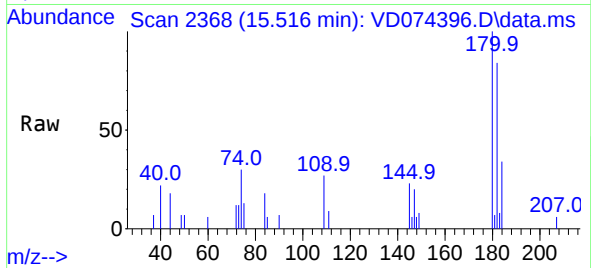
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 10317 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 12.7  | 10.9  | 16.3  |
| 129       | 11.7  | 8.8   | 13.2  |





#96  
 1,2,3-Trichlorobenzene  
 Concen: 4.713 ug/l  
 RT: 15.516 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VD074396.D  
 Acq: 22 Sep 2022 10:46

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 5216  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 90.7  | 47.5  | 142.5 |
| 145      | 25.9  | 15.8  | 47.3  |

