

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN062821\  
 Data File : VN067525.D  
 Acq On : 28 Jun 2021 11:49  
 Operator : JC/MD  
 Sample : VSTDIC001  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

Quant Time: Jun 28 13:37:47 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N062821W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 28 13:37:18 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.086  | 168  | 245510   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.971  | 114  | 448116   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.749 | 117  | 394726   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.678 | 152  | 141725   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.440  | 65    | 3628     | 0.774    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 1.540%# |
| 35) Dibromofluoromethane    | 8.027  | 113   | 2442     | 0.886    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 1.780%# |
| 50) Toluene-d8              | 10.446 | 98    | 11165    | 0.964    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 1.920%# |
| 62) 4-Bromofluorobenzene    | 12.733 | 95    | 3580     | 0.867    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 1.740%# |

|                              |       |     |       |        |        |     |
|------------------------------|-------|-----|-------|--------|--------|-----|
| Target Compounds             |       |     |       | Qvalue |        |     |
| 2) Dichlorodifluoromethane   | 2.070 | 85  | 2121  | 0.554  | ug/l   | 96  |
| 3) Chloromethane             | 2.303 | 50  | 3275  | 0.760  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.443 | 62  | 3891  | 0.955  | ug/l   | 97  |
| 5) Bromomethane              | 2.867 | 94  | 3990  | 1.649  | ug/l   | 96  |
| 6) Chloroethane              | 3.030 | 64  | 2892  | 1.086  | ug/l # | 82  |
| 7) Trichlorofluoromethane    | 3.373 | 101 | 6957  | 1.093  | ug/l   | 89  |
| 8) Diethyl Ether             | 3.819 | 74  | 1643  | 0.687  | ug/l   | 88  |
| 9) 1,1,2-Trichlorotrifluo... | 4.210 | 101 | 2156  | 0.670  | ug/l # | 53  |
| 10) Methyl Iodide            | 4.417 | 142 | 2118  | 0.590  | ug/l # | 60  |
| 11) Tert butyl alcohol       | 5.382 | 59  | 959   | 1.259  | ug/l # | 71  |
| 12) 1,1-Dichloroethene       | 4.175 | 96  | 2023  | 0.640  | ug/l # | 76  |
| 13) Acrolein                 | 4.036 | 56  | 2154  | 3.472  | ug/l # | 58  |
| 14) Allyl chloride           | 4.835 | 41  | 3662  | 0.540  | ug/l   | 95  |
| 15) Acrylonitrile            | 5.559 | 53  | 2602  | 1.285  | ug/l # | 4   |
| 16) Acetone                  | 4.301 | 43  | 6620  | 3.718  | ug/l   | 98  |
| 17) Carbon Disulfide         | 4.529 | 76  | 6111  | 0.600  | ug/l   | 96  |
| 18) Methyl Acetate           | 4.862 | 43  | 2712  | 0.544  | ug/l   | 91  |
| 19) Methyl tert-butyl Ether  | 5.610 | 73  | 3120  | 0.249  | ug/l   | 97  |
| 20) Methylene Chloride       | 5.082 | 84  | 1577  | 0.369  | ug/l # | 82  |
| 21) trans-1,2-Dichloroethene | 5.597 | 96  | 1633  | 0.473  | ug/l   | 94  |
| 22) Diisopropyl ether        | 6.506 | 45  | 7482  | 0.559  | ug/l # | 83  |
| 23) Vinyl Acetate            | 6.439 | 43  | 25396 | 2.241  | ug/l   | 96  |
| 24) 1,1-Dichloroethane       | 6.393 | 63  | 4496  | 0.611  | ug/l # | 85  |
| 25) 2-Butanone               | 7.348 | 43  | 7591  | 2.747  | ug/l   | 100 |
| 26) 2,2-Dichloropropane      | 7.324 | 77  | 4210  | 0.665  | ug/l   | 86  |
| 27) cis-1,2-Dichloroethene   | 7.327 | 96  | 1673  | 0.410  | ug/l   | 57  |
| 28) Bromochloromethane       | 7.659 | 49  | 2317  | 0.663  | ug/l # | 92  |
| 29) Tetrahydrofuran          | 7.705 | 42  | 5208  | 2.976  | ug/l   | 92  |
| 30) Chloroform               | 7.820 | 83  | 4754  | 0.666  | ug/l   | 85  |
| 31) Cyclohexane              | 8.086 | 56  | 10439 | 1.408  | ug/l # | 28  |
| 32) 1,1,1-Trichloroethane    | 8.013 | 97  | 3967  | 0.656  | ug/l # | 50  |
| 36) 1,1-Dichloropropene      | 8.222 | 75  | 3652  | 0.753  | ug/l   | 96  |
| 37) Ethyl Acetate            | 7.418 | 43  | 3720  | 0.739  | ug/l # | 77  |
| 38) Carbon Tetrachloride     | 8.204 | 117 | 3481  | 0.809  | ug/l   | 96  |
| 39) Methylcyclohexane        | 9.464 | 83  | 4217  | 0.745  | ug/l # | 92  |
| 40) Benzene                  | 8.466 | 78  | 10793 | 0.752  | ug/l   | 100 |

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 ALS Vial : 4 Sample Multiplier: 1

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 ClientSampleId :  
 VSTDIC001

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 Quant Title : SW846 8260  
 QLast Update : Mon Jun 28 13:37:18 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 41) Methacrylonitrile         | 7.643  | 41   | 1035     | 0.405 | ug/l # | 75       |
| 42) 1,2-Dichloroethane        | 8.536  | 62   | 3934     | 0.762 | ug/l   | 92       |
| 43) Isopropyl Acetate         | 8.566  | 43   | 5386     | 0.620 | ug/l # | 74       |
| 44) Trichloroethene           | 9.217  | 130  | 2749     | 0.925 | ug/l   | 72       |
| 45) 1,2-Dichloropropane       | 9.491  | 63   | 2846     | 0.736 | ug/l # | 88       |
| 46) Dibromomethane            | 9.582  | 93   | 1862     | 0.774 | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.762  | 83   | 3580     | 0.729 | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.558  | 41   | 2802     | 0.745 | ug/l   | 94       |
| 49) 1,4-Dioxane               | 9.571  | 88   | 341      | 6.066 | ug/l # | 38       |
| 51) 4-Methyl-2-Pentanone      | 10.336 | 43   | 15503    | 3.051 | ug/l   | 92       |
| 52) Toluene                   | 10.507 | 92   | 6547     | 0.770 | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.725 | 75   | 3423     | 0.631 | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.191 | 75   | 3688     | 0.618 | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 10.899 | 97   | 2517     | 0.771 | ug/l   | 92       |
| 56) Ethyl methacrylate        | 10.768 | 69   | 3578     | 0.624 | ug/l # | 86       |
| 57) 1,3-Dichloropropane       | 11.047 | 76   | 4054     | 0.672 | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether | 10.041 | 63   | 2787     | 2.190 | ug/l   | 100      |
| 59) 2-Hexanone                | 11.092 | 43   | 11216    | 3.139 | ug/l   | 91       |
| 60) Dibromochloromethane      | 11.242 | 129  | 2395     | 0.794 | ug/l   | 95       |
| 61) 1,2-Dibromoethane         | 11.352 | 107  | 2525     | 0.787 | ug/l   | 91       |
| 64) Tetrachloroethene         | 10.974 | 164  | 2283     | 0.872 | ug/l   | 94       |
| 65) Chlorobenzene             | 11.773 | 112  | 7291     | 0.897 | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.843 | 131  | 2301     | 0.837 | ug/l # | 60       |
| 67) Ethyl Benzene             | 11.848 | 91   | 12589    | 0.772 | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.956 | 106  | 9366     | 1.655 | ug/l   | 87       |
| 69) o-Xylene                  | 12.283 | 106  | 4645     | 0.831 | ug/l   | 90       |
| 70) Styrene                   | 12.296 | 104  | 6533     | 0.715 | ug/l   | 95       |
| 71) Bromoform                 | 12.463 | 173  | 1245     | 0.674 | ug/l # | 85       |
| 73) Isopropylbenzene          | 12.581 | 105  | 12011    | 0.866 | ug/l   | 100      |
| 74) N-amyl acetate            | 12.390 | 43   | 3979     | 0.624 | ug/l   | 94       |
| 75) 1,1,2,2-Tetrachloroethane | 12.830 | 83   | 3443     | 0.780 | ug/l # | 91       |
| 76) 1,2,3-Trichloropropane    | 12.881 | 75   | 3745     | 0.949 | ug/l # | 100      |
| 77) Bromobenzene              | 12.865 | 156  | 2501     | 0.950 | ug/l   | 83       |
| 78) n-propylbenzene           | 12.924 | 91   | 12520    | 0.742 | ug/l   | 95       |
| 79) 2-Chlorotoluene           | 13.012 | 91   | 8448     | 0.832 | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 13.063 | 105  | 9033     | 0.796 | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 12.629 | 75   | 402      | 0.286 | ug/l # | 37       |
| 82) 4-Chlorotoluene           | 13.109 | 91   | 7732     | 0.775 | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.324 | 119  | 8256     | 0.908 | ug/l   | 86       |
| 84) 1,2,4-Trimethylbenzene    | 13.372 | 105  | 8932     | 0.800 | ug/l   | 95       |
| 85) sec-Butylbenzene          | 13.503 | 105  | 10760    | 0.801 | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.619 | 119  | 7994     | 0.787 | ug/l   | 95       |
| 87) 1,3-Dichlorobenzene       | 13.619 | 146  | 4545     | 0.943 | ug/l   | 95       |
| 88) 1,4-Dichlorobenzene       | 13.619 | 146  | 4545     | 0.948 | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.943 | 91   | 7148     | 0.727 | ug/l   | 99       |
| 90) Hexachloroethane          | 14.214 | 117  | 1331     | 0.700 | ug/l   | 84       |
| 91) 1,2-Dichlorobenzene       | 13.991 | 146  | 4099     | 0.878 | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.600 | 75   | 531      | 0.679 | ug/l   | 88       |
| 93) 1,2,4-Trichlorobenzene    | 15.271 | 180  | 1846     | 0.888 | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 15.378 | 225  | 657      | 0.628 | ug/l # | 60       |
| 95) Naphthalene               | 15.509 | 128  | 7116     | 1.115 | ug/l # | 94       |
| 96) 1,2,3-Trichlorobenzene    | 15.705 | 180  | 1970     | 1.025 | ug/l   | 96       |

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Quant Title : SW846 8260  
QLast Update : Mon Jun 28 13:37:18 2021  
Response via : Initial Calibration

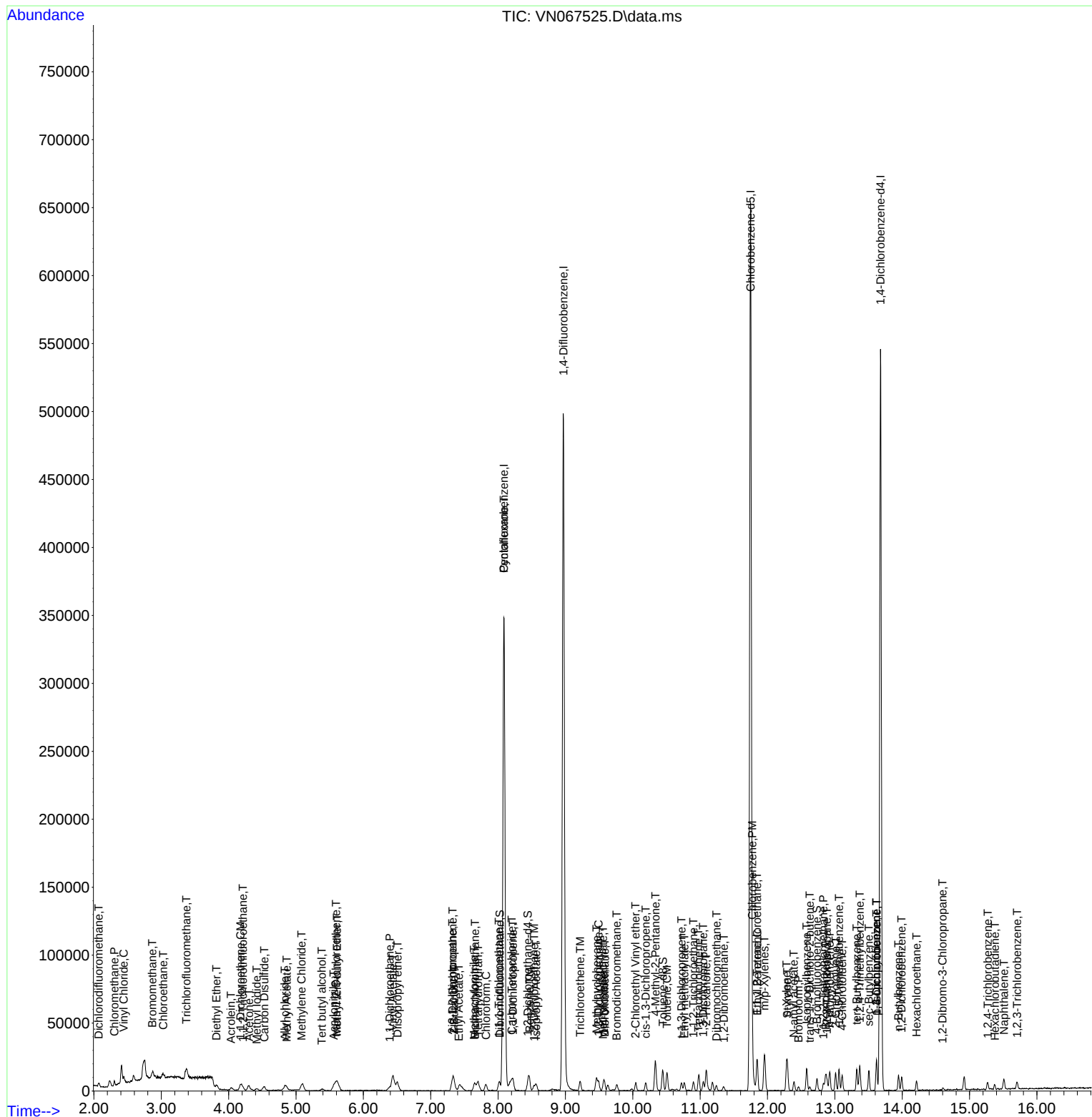
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

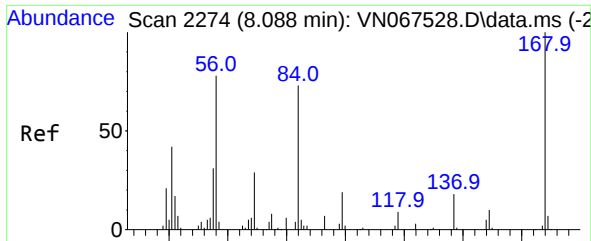
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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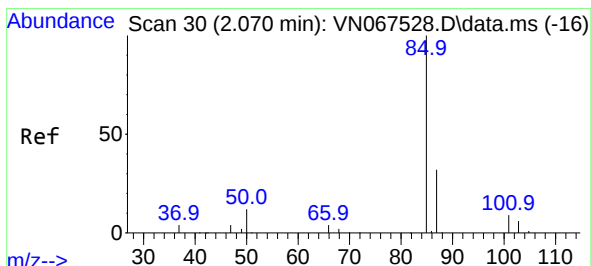
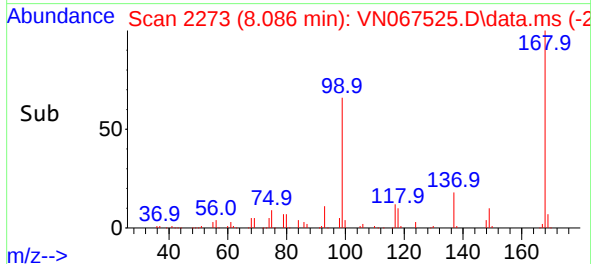
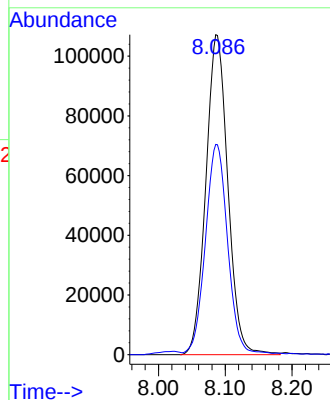
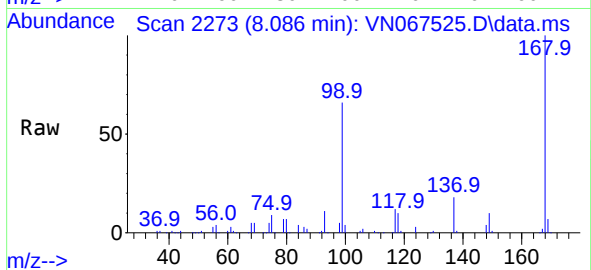




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.086 min Scan# 2273  
Delta R.T. -0.002 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

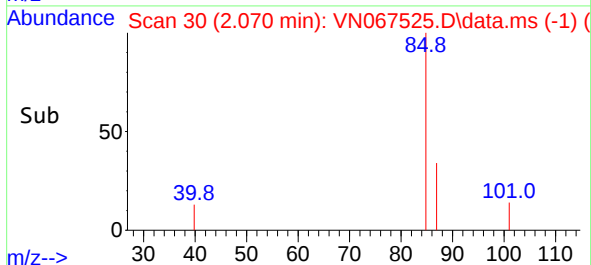
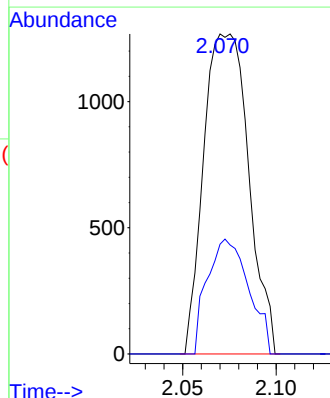
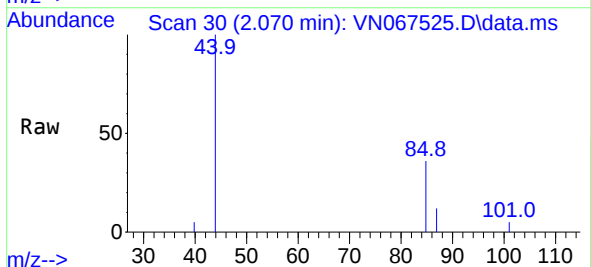
Instrument :  
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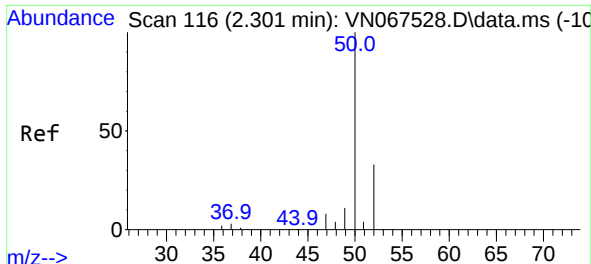
Tgt Ion:168 Resp: 245510  
Ion Ratio Lower Upper  
168 100  
99 65.3 62.9 94.3



#2  
Dichlorodifluoromethane  
Concen: 0.554 ug/l  
RT: 2.070 min Scan# 30  
Delta R.T. 0.000 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Tgt Ion: 85 Resp: 2121  
Ion Ratio Lower Upper  
85 100  
87 34.3 16.1 48.2

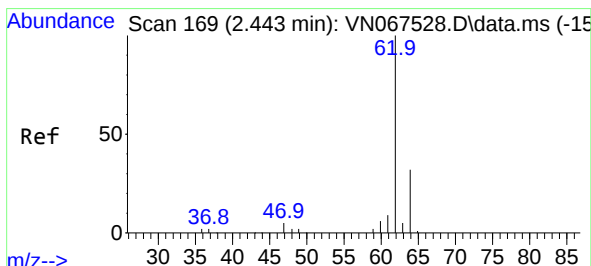
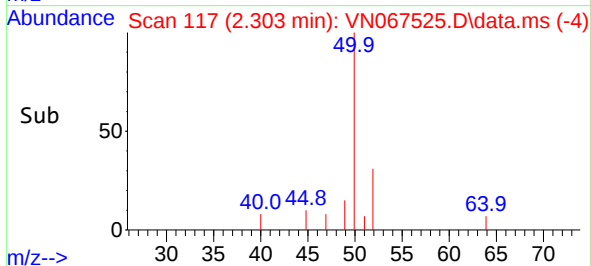
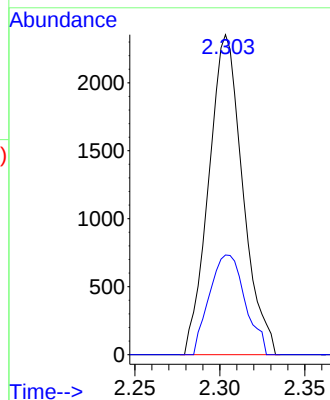
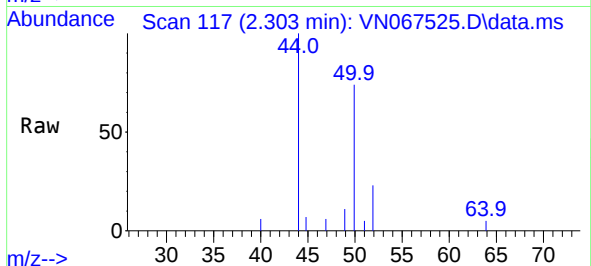




#3  
Chloromethane  
Concen: 0.760 ug/l  
RT: 2.303 min Scan# 117  
Delta R.T. 0.003 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

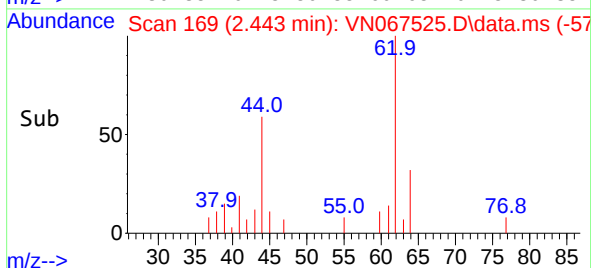
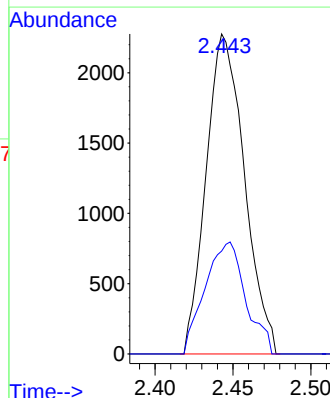
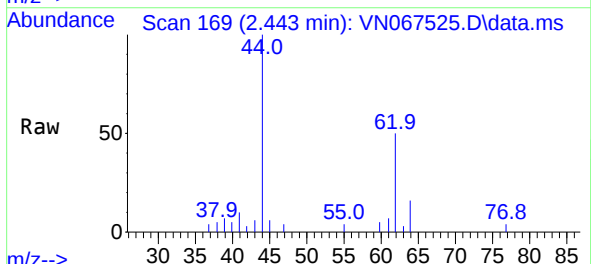
Instrument :  
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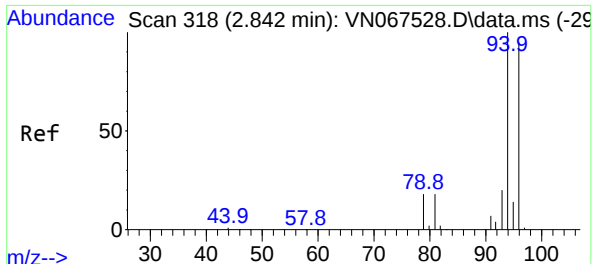
Tgt Ion: 50 Resp: 3275  
Ion Ratio Lower Upper  
50 100  
52 31.1 25.6 38.4



#4  
Vinyl Chloride  
Concen: 0.955 ug/l  
RT: 2.443 min Scan# 169  
Delta R.T. 0.000 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Tgt Ion: 62 Resp: 3891  
Ion Ratio Lower Upper  
62 100  
64 32.2 24.4 36.6

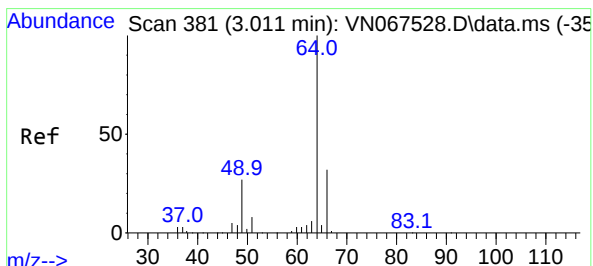
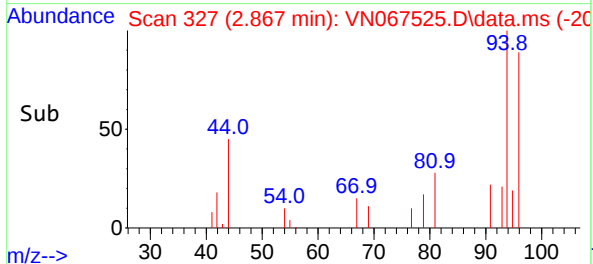
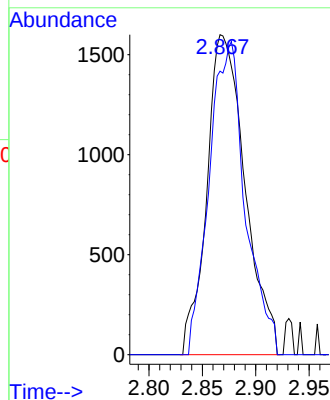
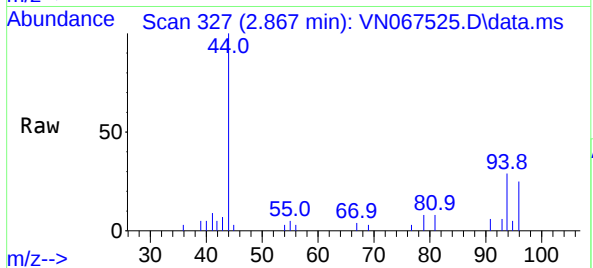




#5  
Bromomethane  
Concen: 1.649 ug/l  
RT: 2.867 min Scan# 327  
Delta R.T. 0.024 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

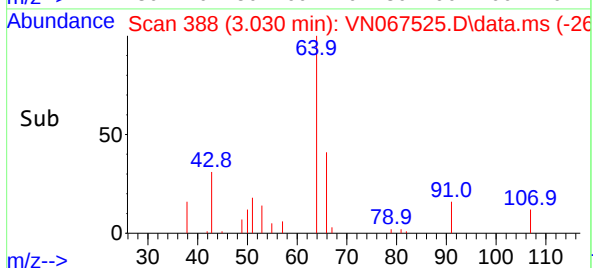
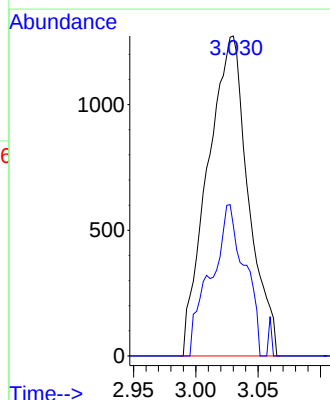
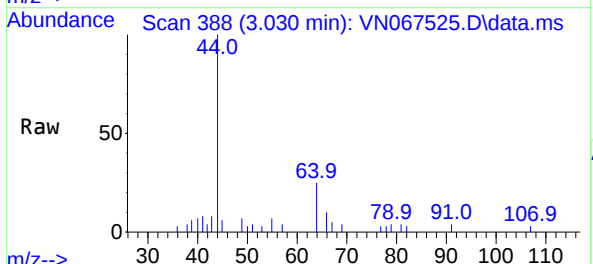
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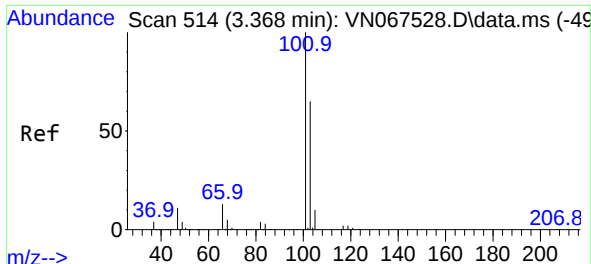
Tgt Ion: 94 Resp: 3990  
Ion Ratio Lower Upper  
94 100  
96 88.6 73.7 110.5



#6  
Chloroethane  
Concen: 1.086 ug/l  
RT: 3.030 min Scan# 388  
Delta R.T. 0.019 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Tgt Ion: 64 Resp: 2892  
Ion Ratio Lower Upper  
64 100  
66 40.8 24.7 37.1#

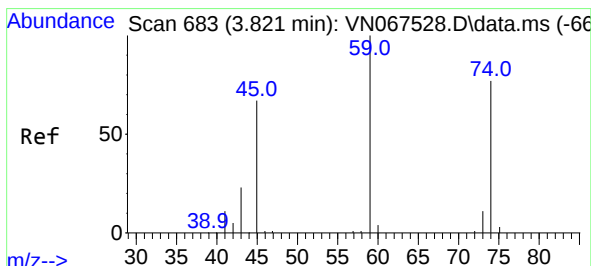
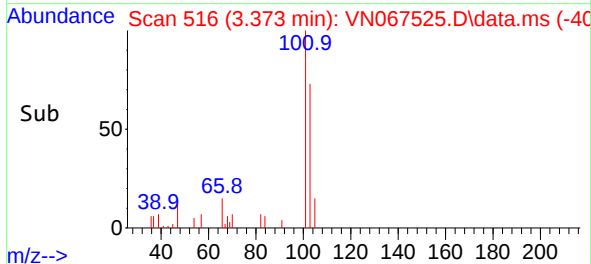
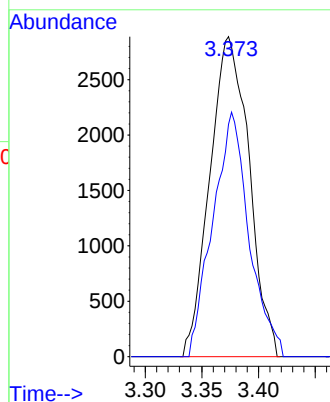
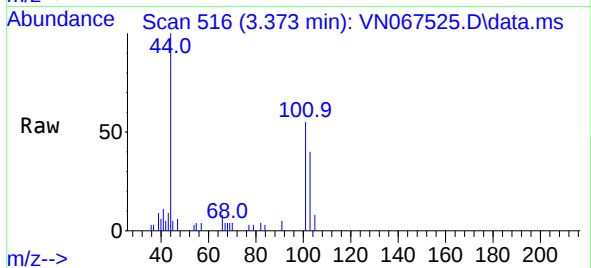




#7  
Trichlorofluoromethane  
Concen: 1.093 ug/l  
RT: 3.373 min Scan# 516  
Delta R.T. 0.005 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

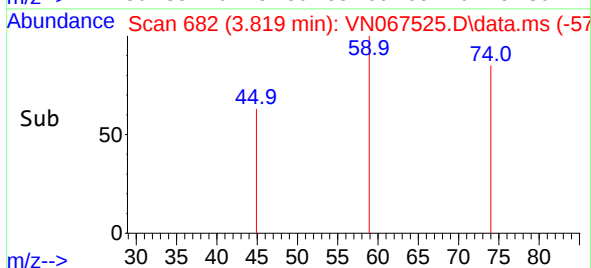
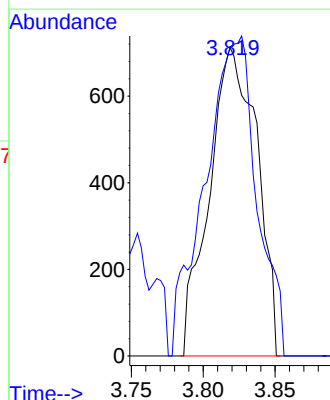
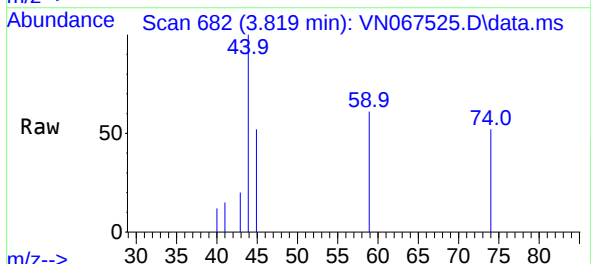
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

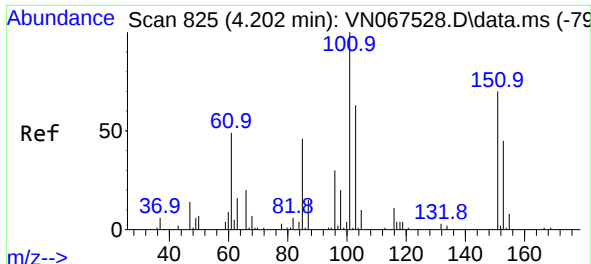
Tgt Ion:101 Resp: 6957  
Ion Ratio Lower Upper  
101 100  
103 72.6 51.2 76.8



#8  
Diethyl Ether  
Concen: 0.687 ug/l  
RT: 3.819 min Scan# 682  
Delta R.T. -0.003 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Tgt Ion: 74 Resp: 1643  
Ion Ratio Lower Upper  
74 100  
45 112.7 50.2 150.7

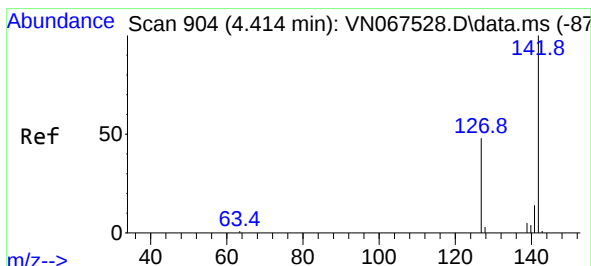
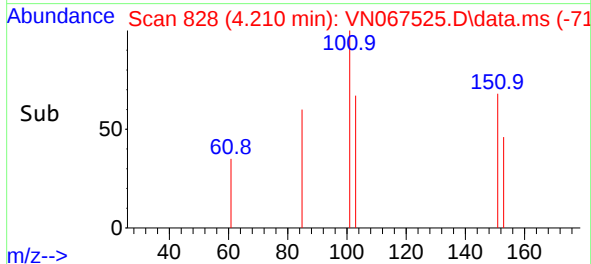
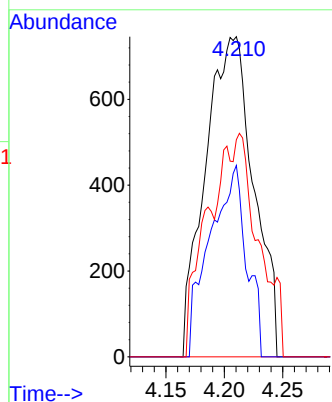
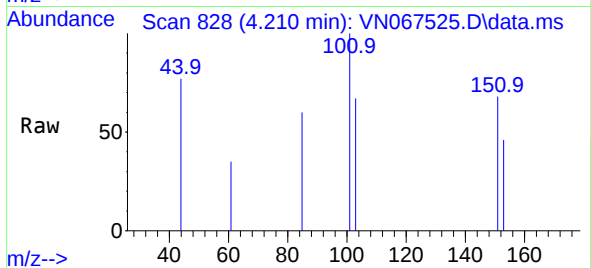




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 0.670 ug/l  
RT: 4.210 min Scan# 828  
Delta R.T. 0.008 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

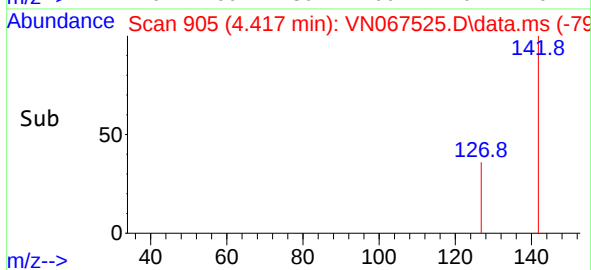
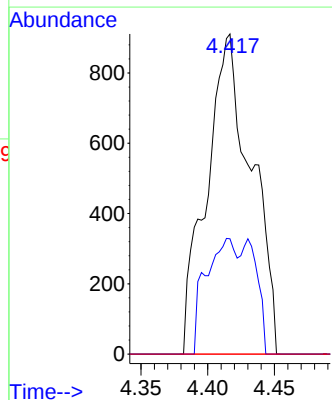
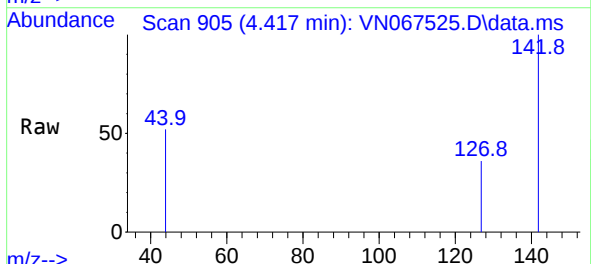
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

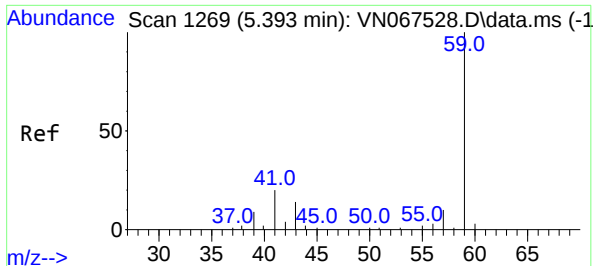
Tgt Ion:101 Resp: 2156  
Ion Ratio Lower Upper  
101 100  
85 45.1 39.6 59.4  
151 6.3 54.1 81.1#



#10  
Methyl Iodide  
Concen: 0.590 ug/l  
RT: 4.417 min Scan# 905  
Delta R.T. 0.003 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Tgt Ion:142 Resp: 2118  
Ion Ratio Lower Upper  
142 100  
127 24.6 43.1 64.7#  
141 0.0 11.4 17.0#

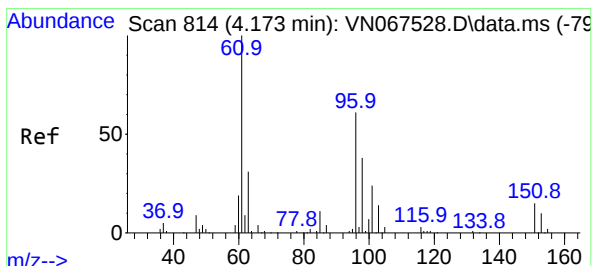
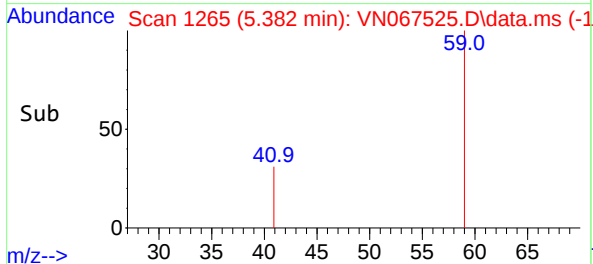
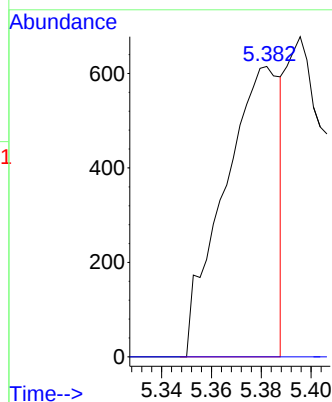
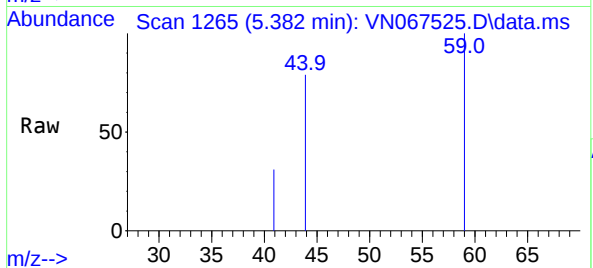




#11  
Tert butyl alcohol  
Concen: 1.259 ug/l  
RT: 5.382 min Scan# 1265  
Delta R.T. -0.011 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

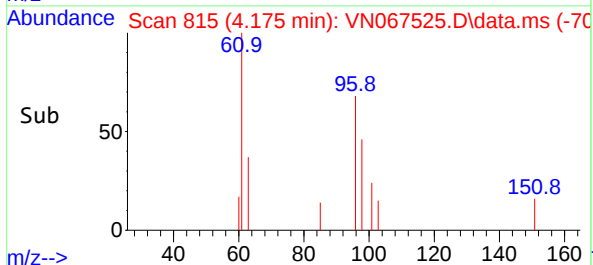
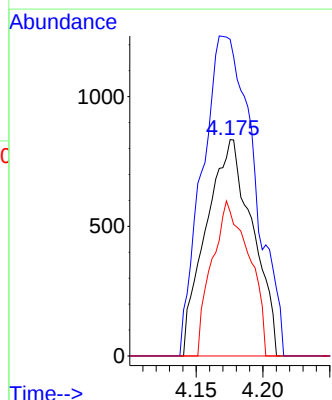
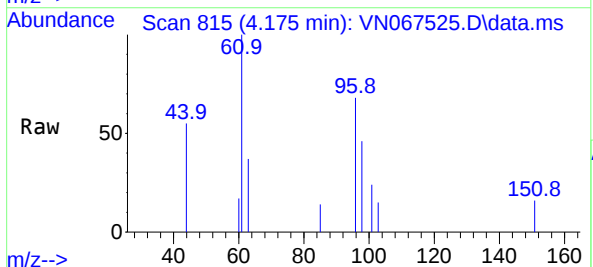
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

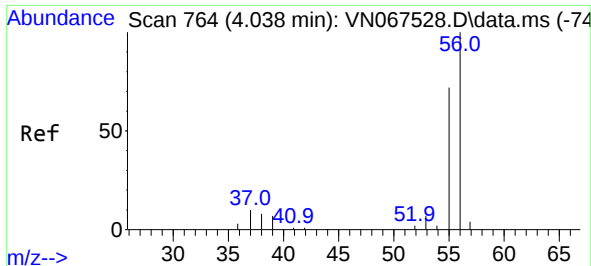
Tgt Ion: 59 Resp: 959  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.7 13.1#



#12  
1,1-Dichloroethene  
Concen: 0.640 ug/l  
RT: 4.175 min Scan# 815  
Delta R.T. 0.003 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Tgt Ion: 96 Resp: 2023  
Ion Ratio Lower Upper  
96 100  
61 146.4 152.6 229.0#  
98 66.7 50.9 76.3

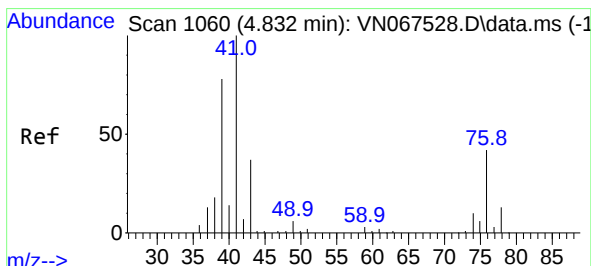
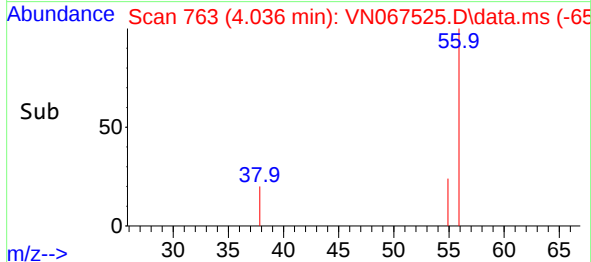
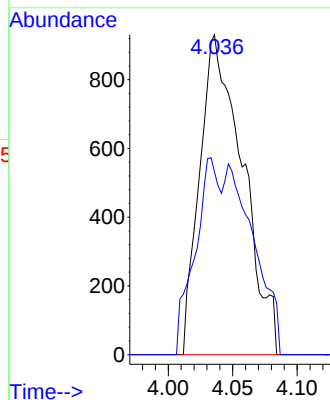
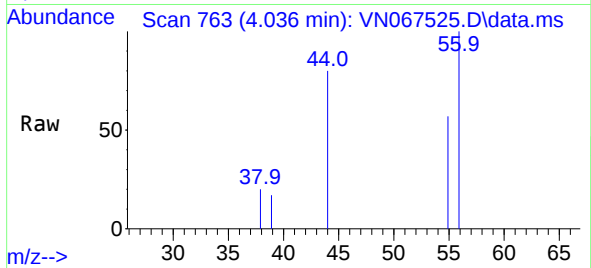




#13  
Acrolein  
Concen: 3.472 ug/l  
RT: 4.036 min Scan# 763  
Delta R.T. -0.003 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

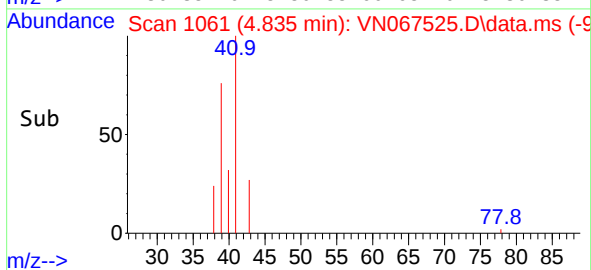
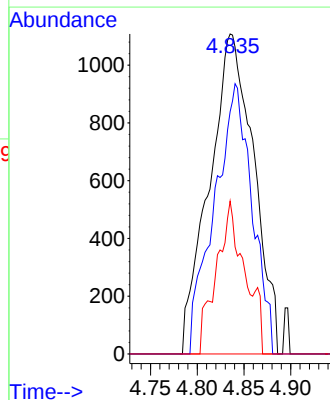
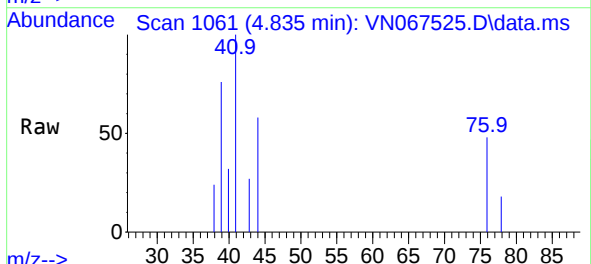
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

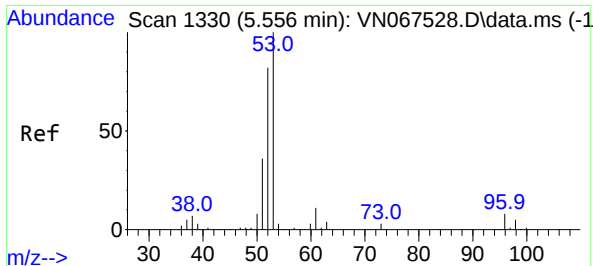
Tgt Ion: 56 Resp: 2154  
Ion Ratio Lower Upper  
56 100  
55 36.4 57.4 86.0#



#14  
Allyl chloride  
Concen: 0.540 ug/l  
RT: 4.835 min Scan# 1061  
Delta R.T. 0.003 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Tgt Ion: 41 Resp: 3662  
Ion Ratio Lower Upper  
41 100  
39 71.8 60.9 91.3  
76 27.9 24.3 36.5

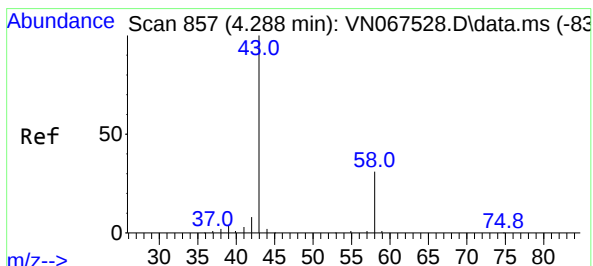
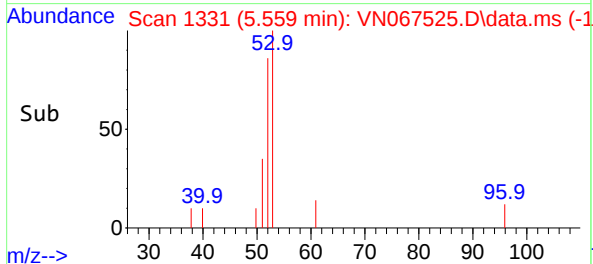
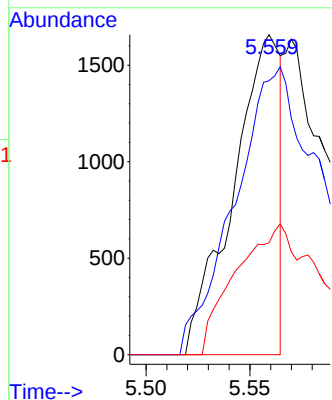
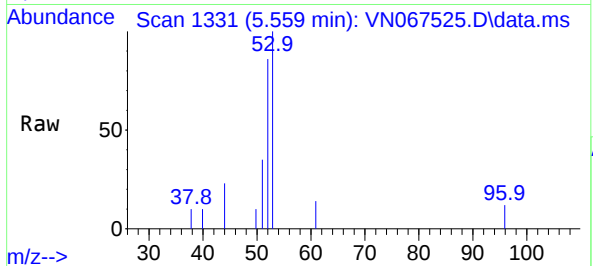




#15  
Acrylonitrile  
Concen: 1.285 ug/l  
RT: 5.559 min Scan# 1331  
Delta R.T. 0.003 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

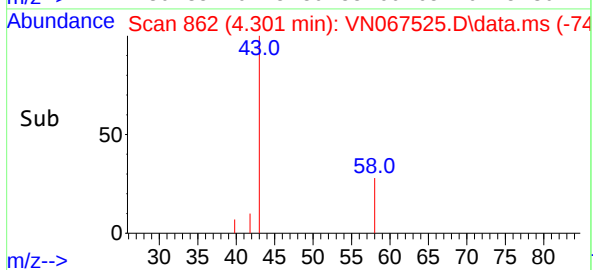
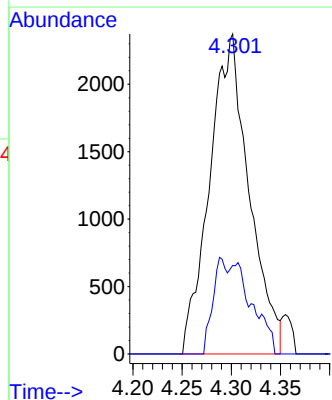
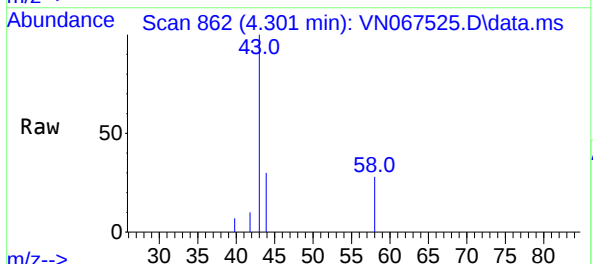
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

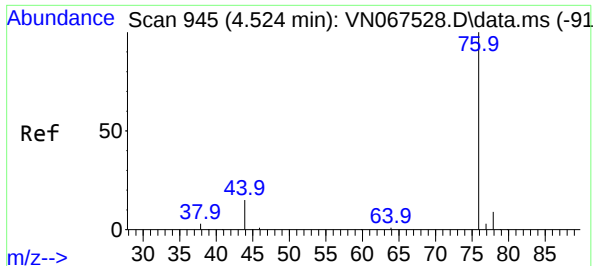
Tgt Ion: 53 Resp: 2602  
Ion Ratio Lower Upper  
53 100  
52 181.4 66.2 99.2#  
51 78.0 30.2 45.4#



#16  
Acetone  
Concen: 3.718 ug/l  
RT: 4.301 min Scan# 862  
Delta R.T. 0.014 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Tgt Ion: 43 Resp: 6620  
Ion Ratio Lower Upper  
43 100  
58 27.6 21.2 31.8

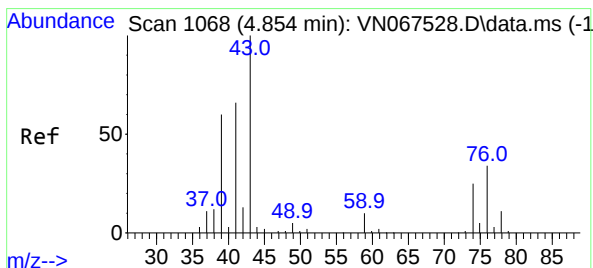
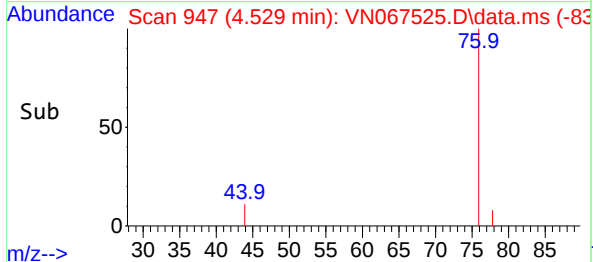
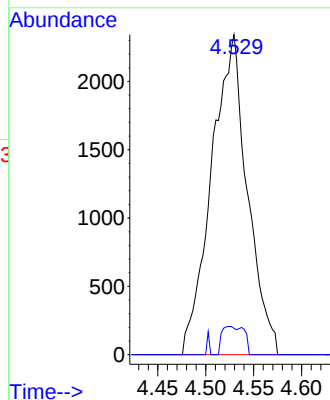
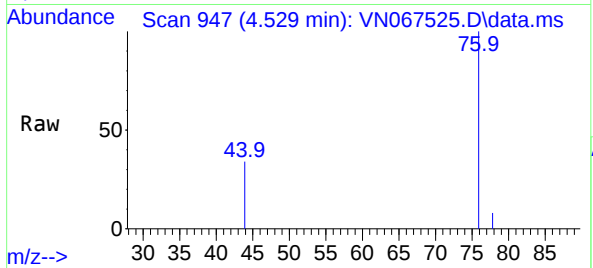




#17  
Carbon Disulfide  
Concen: 0.600 ug/l  
RT: 4.529 min Scan# 947  
Delta R.T. 0.005 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

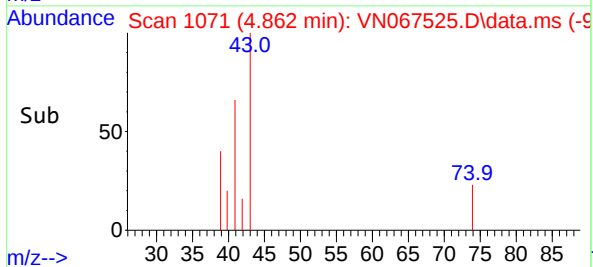
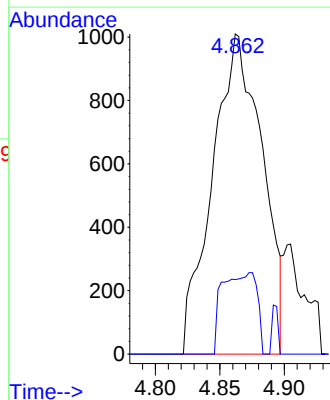
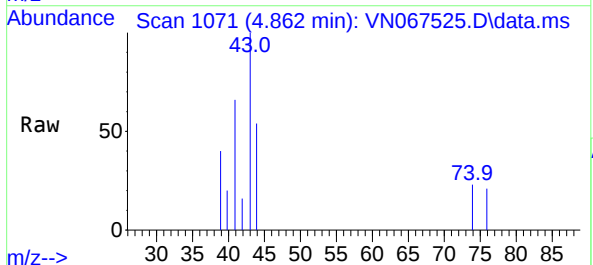
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

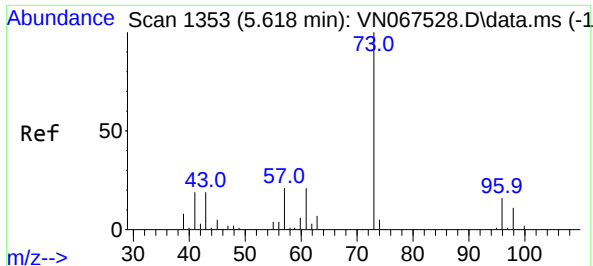
Tgt Ion: 76 Resp: 6111  
Ion Ratio Lower Upper  
76 100  
78 8.2 7.7 11.5



#18  
Methyl Acetate  
Concen: 0.544 ug/l  
RT: 4.862 min Scan# 1071  
Delta R.T. 0.008 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Tgt Ion: 43 Resp: 2712  
Ion Ratio Lower Upper  
43 100  
74 17.6 17.4 26.0



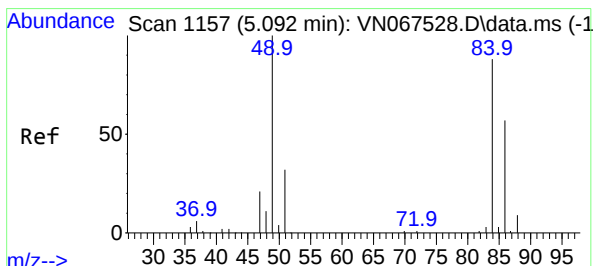
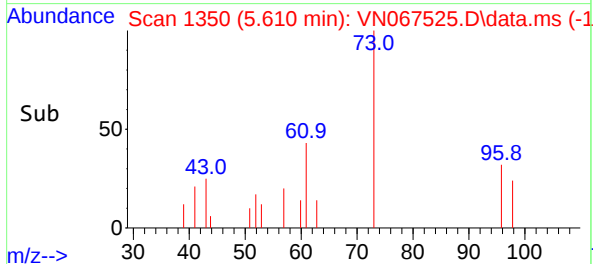
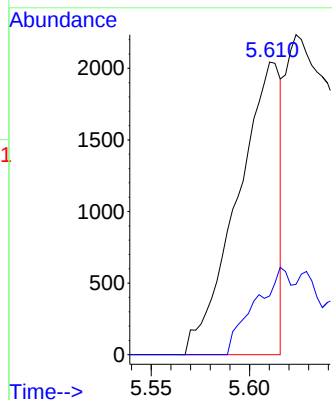
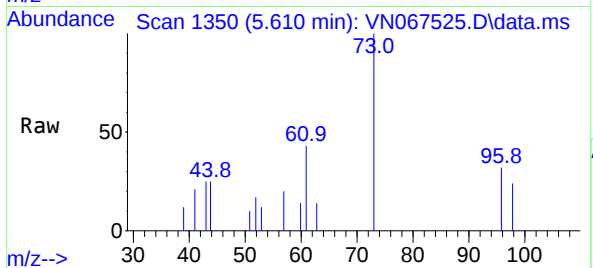


#19

Methyl tert-butyl Ether  
Concen: 0.249 ug/l  
RT: 5.610 min Scan# 1350  
Delta R.T. -0.008 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

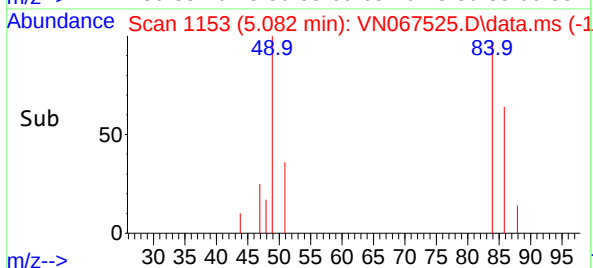
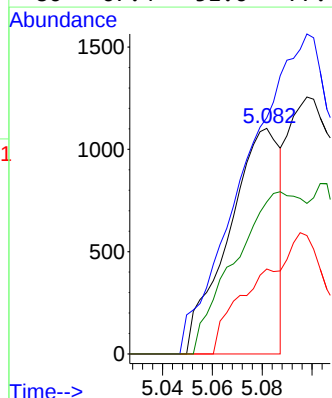
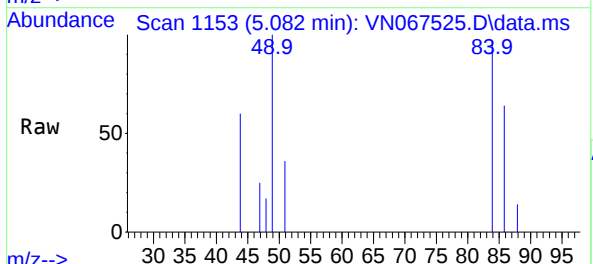
Tgt Ion: 73 Resp: 3120  
Ion Ratio Lower Upper  
73 100  
57 20.1 17.0 25.6

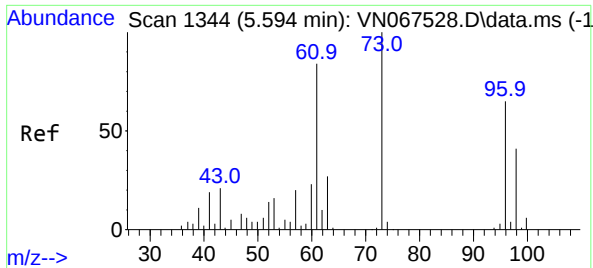


#20

Methylene Chloride  
Concen: 0.369 ug/l  
RT: 5.082 min Scan# 1153  
Delta R.T. -0.011 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Tgt Ion: 84 Resp: 1577  
Ion Ratio Lower Upper  
84 100  
49 104.6 110.9 166.3#  
51 37.6 32.6 49.0  
86 67.4 51.6 77.4

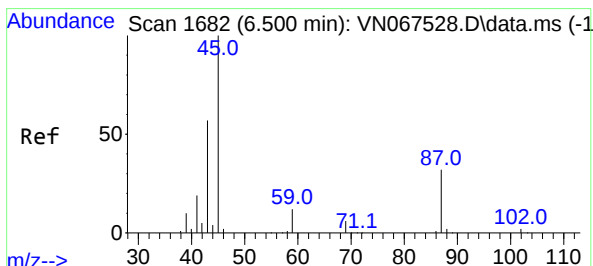
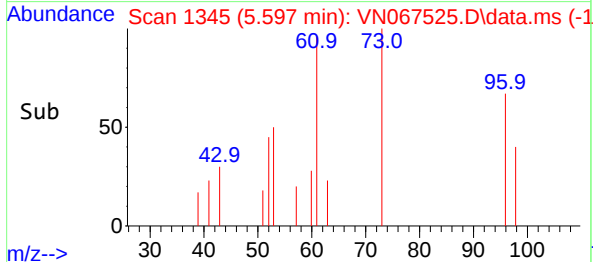
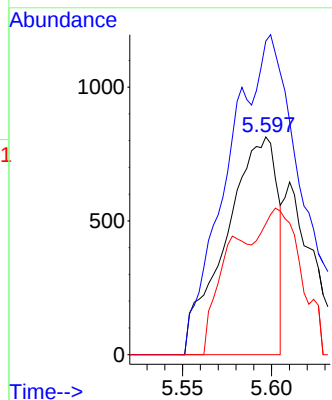
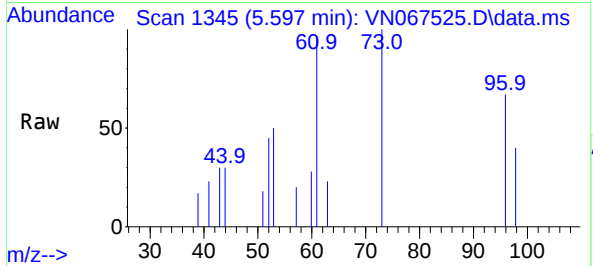




#21  
trans-1,2-Dichloroethene  
Concen: 0.473 ug/l  
RT: 5.597 min Scan# 1345  
Delta R.T. 0.003 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

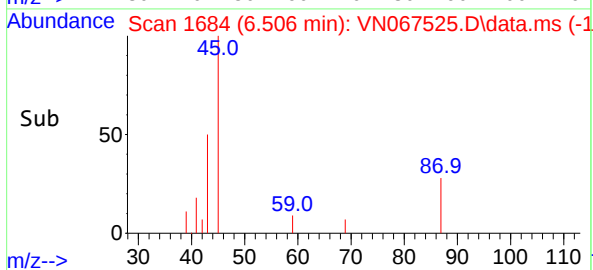
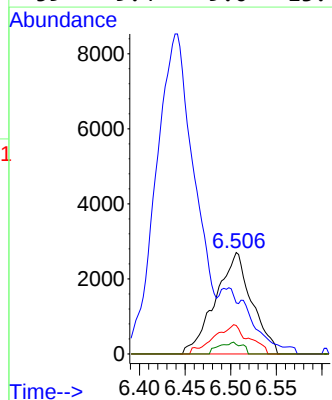
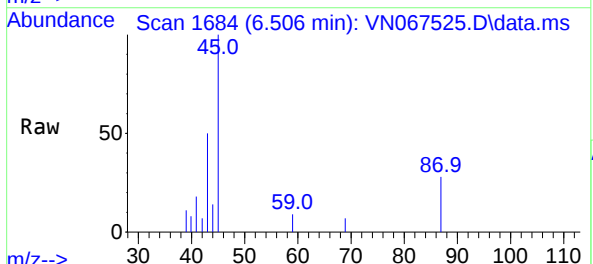
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

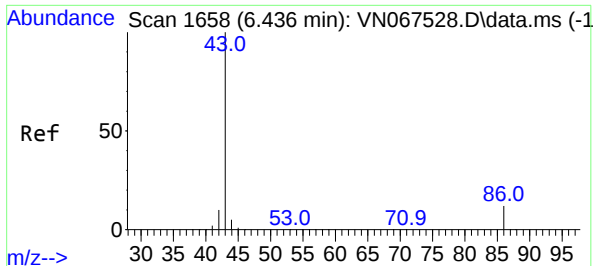
Tgt Ion: 96 Resp: 1633  
Ion Ratio Lower Upper  
96 100  
61 144.0 123.5 185.3  
98 60.1 48.6 72.8



#22  
Diisopropyl ether  
Concen: 0.559 ug/l  
RT: 6.506 min Scan# 1684  
Delta R.T. 0.005 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Tgt Ion: 45 Resp: 7482  
Ion Ratio Lower Upper  
45 100  
43 42.6 49.4 74.2#  
87 28.1 20.9 31.3  
59 9.4 9.0 13.4





#23

Vinyl Acetate

Concen: 2.241 ug/l

RT: 6.439 min Scan# 1659

Delta R.T. 0.003 min

Lab File: VN067525.D

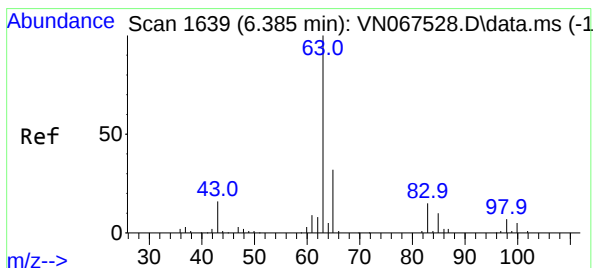
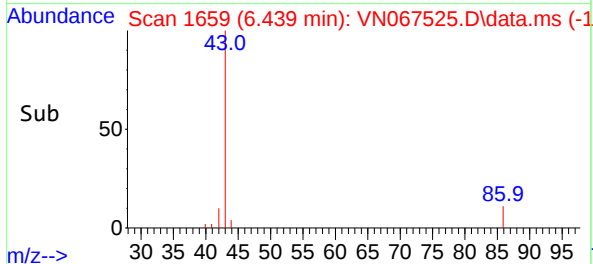
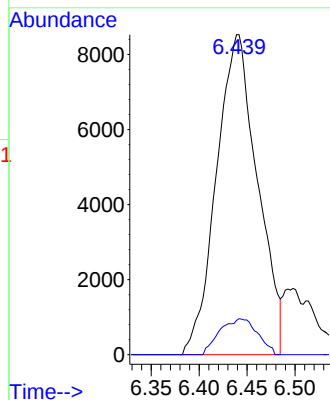
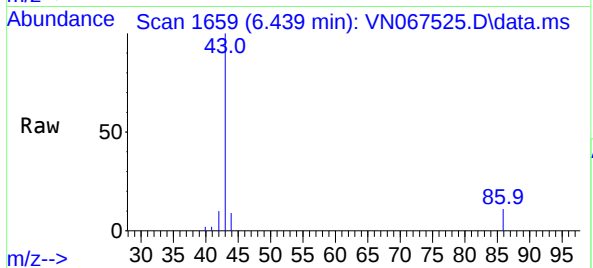
Acq: 28 Jun 2021 11:49

Tgt Ion: 43 Resp: 25396

Ion Ratio Lower Upper

43 100

86 10.7 7.3 10.9



#24

1,1-Dichloroethane

Concen: 0.611 ug/l

RT: 6.393 min Scan# 1642

Delta R.T. 0.008 min

Lab File: VN067525.D

Acq: 28 Jun 2021 11:49

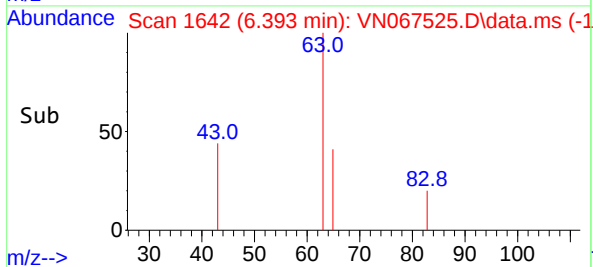
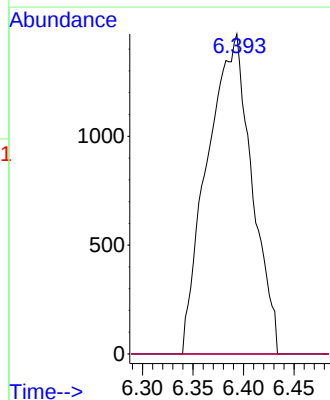
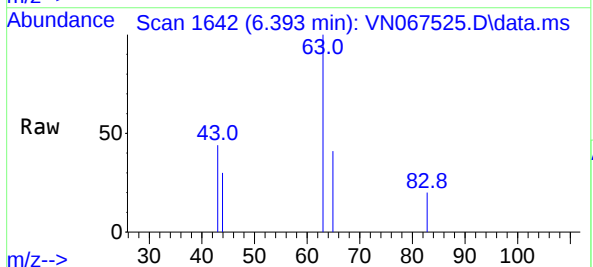
Tgt Ion: 63 Resp: 4496

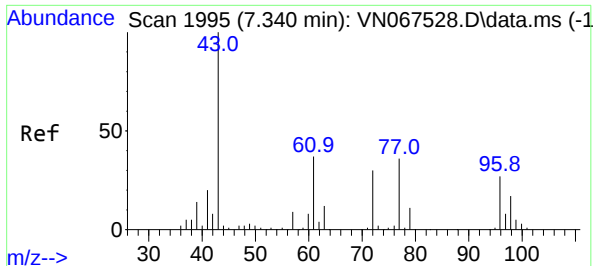
Ion Ratio Lower Upper

63 100

98 0.0 3.0 9.0#

100 0.0 1.9 5.7#

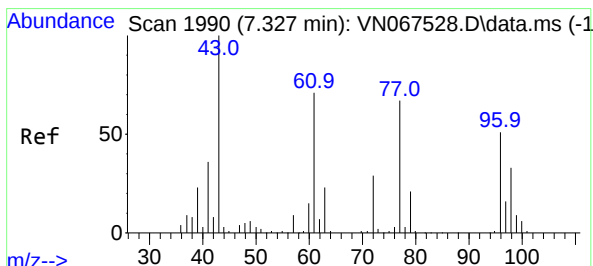
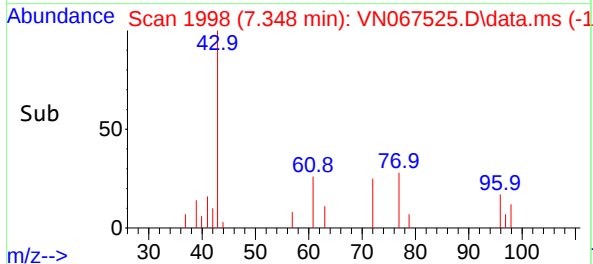
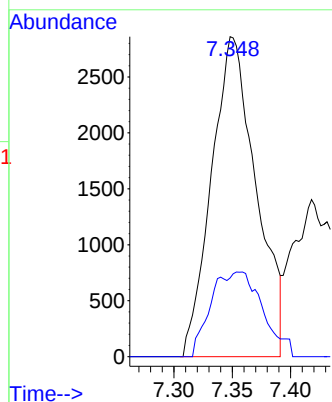
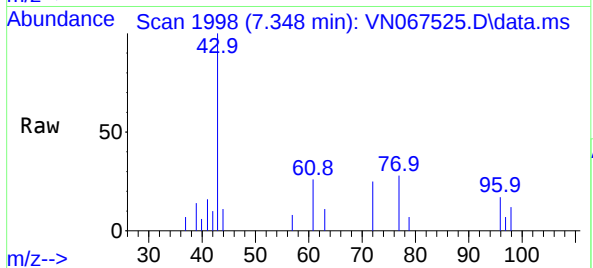




#25  
2-Butanone  
Concen: 2.747 ug/l  
RT: 7.348 min Scan# 1998  
Delta R.T. 0.008 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

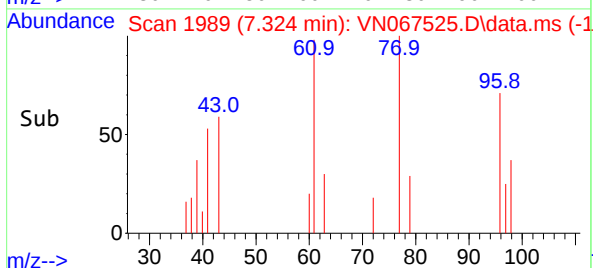
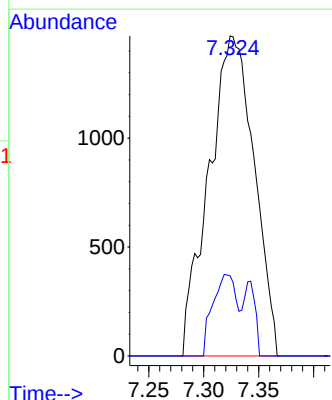
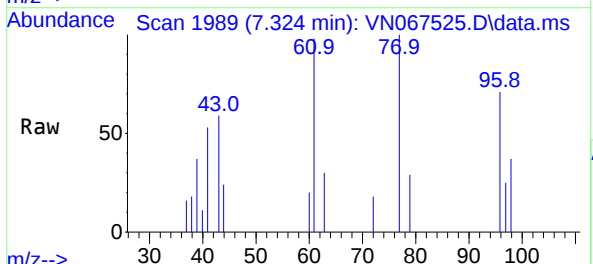
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

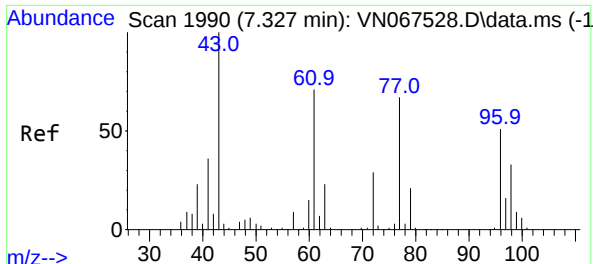
Tgt Ion: 43 Resp: 7591  
Ion Ratio Lower Upper  
43 100  
72 24.6 19.7 29.5



#26  
2,2-Dichloropropane  
Concen: 0.665 ug/l  
RT: 7.324 min Scan# 1989  
Delta R.T. -0.003 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Tgt Ion: 77 Resp: 4210  
Ion Ratio Lower Upper  
77 100  
97 13.1 9.8 29.3



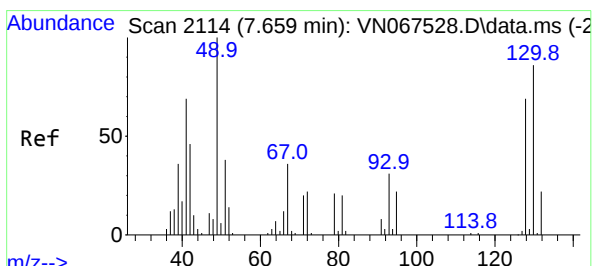
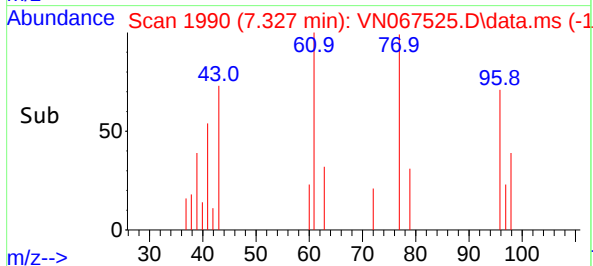
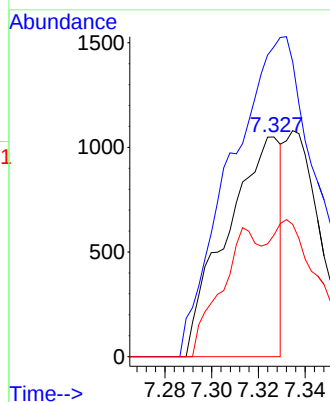
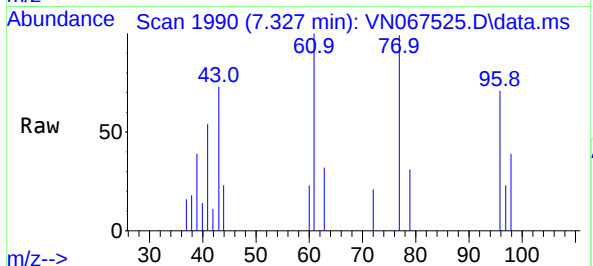


#27  
cis-1,2-Dichloroethene  
Concen: 0.410 ug/l  
RT: 7.327 min Scan# 1990  
Delta R.T. 0.000 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tgt Ion: 96 Resp: 1673

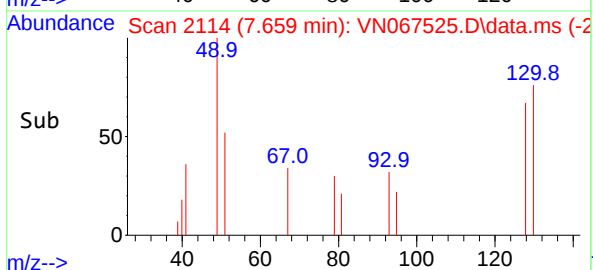
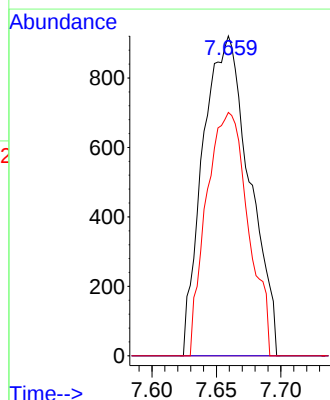
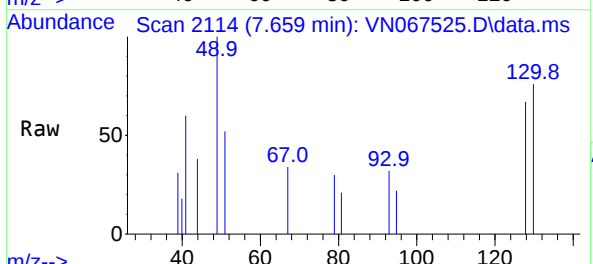
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 235.4 | 0.0   | 338.8 |
| 98  | 42.8  | 0.0   | 129.8 |

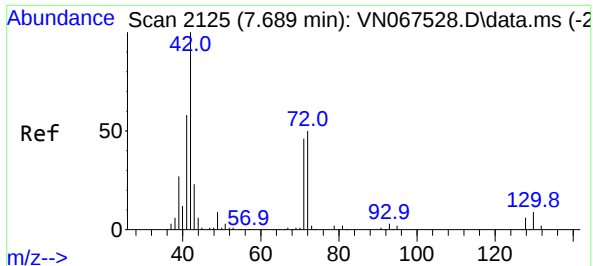


#28  
Bromochloromethane  
Concen: 0.663 ug/l  
RT: 7.659 min Scan# 2114  
Delta R.T. 0.000 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Tgt Ion: 49 Resp: 2317

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 0.0   | 0.0   | 3.8   |
| 130 | 68.1  | 49.7  | 74.5  |

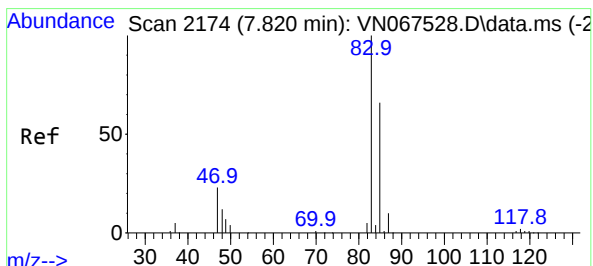
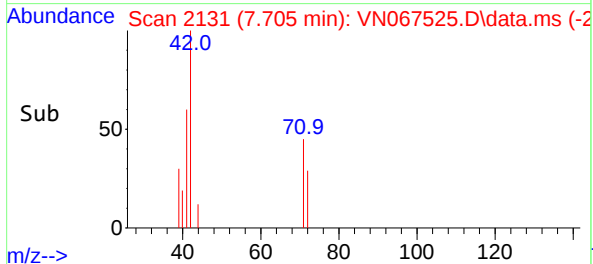
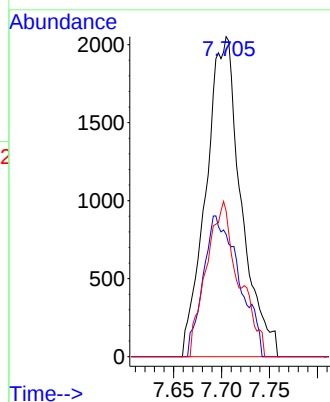
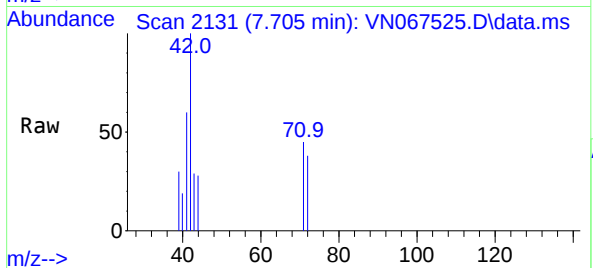




#29  
Tetrahydrofuran  
Concen: 2.976 ug/l  
RT: 7.705 min Scan# 2131  
Delta R.T. 0.016 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

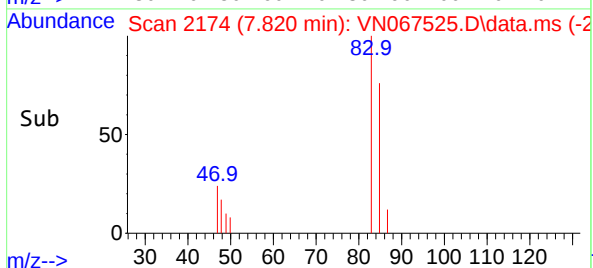
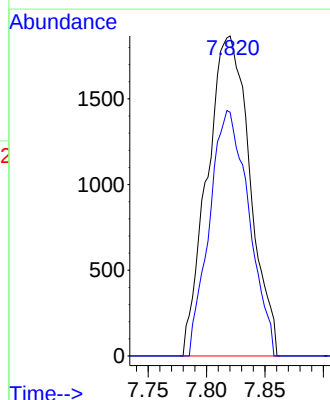
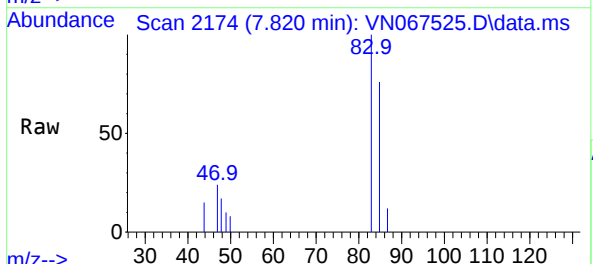
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ClientSampleId :  
VSTDIC001

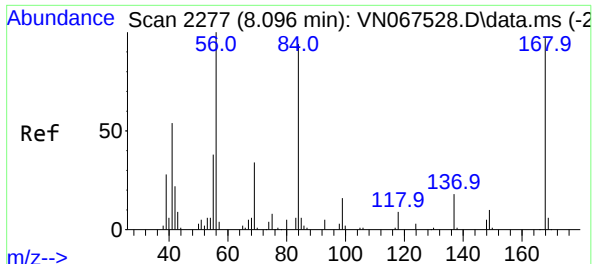
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 5208  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 45.0  | 32.8  | 49.2  |
| 71       | 45.1  | 31.2  | 46.8  |



#30  
Chloroform  
Concen: 0.666 ug/l  
RT: 7.820 min Scan# 2174  
Delta R.T. 0.000 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 4754  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 76.2  | 51.5  | 77.3  |

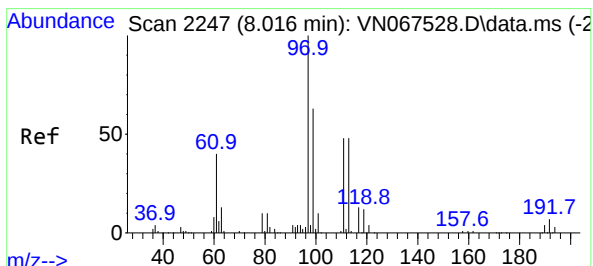
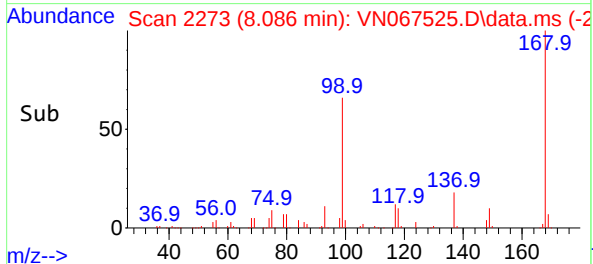
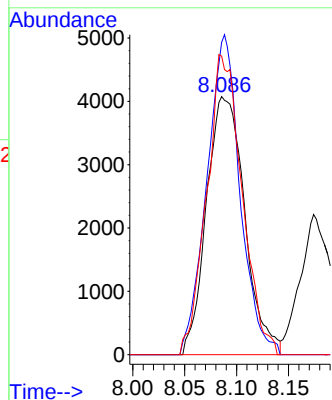
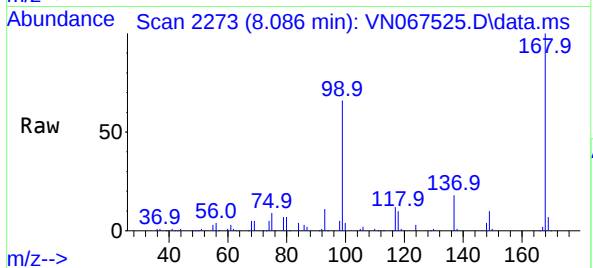




#31  
Cyclohexane  
Concen: 1.408 ug/l  
RT: 8.086 min Scan# 2273  
Delta R.T. -0.011 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

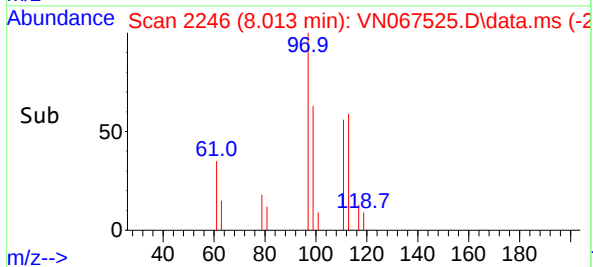
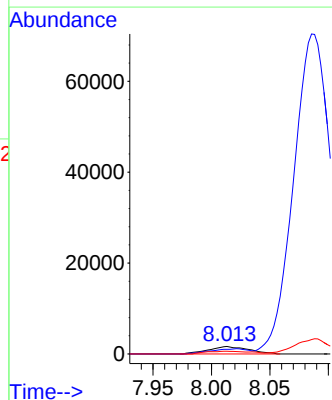
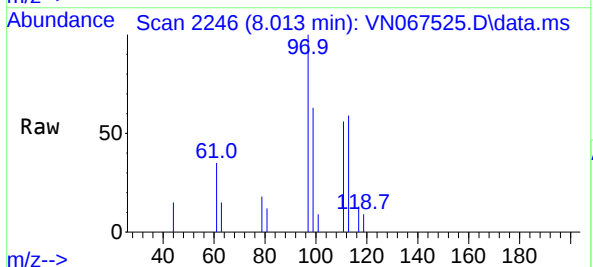
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MSVOA\_N  
ClientSampleId :  
VSTDIC001

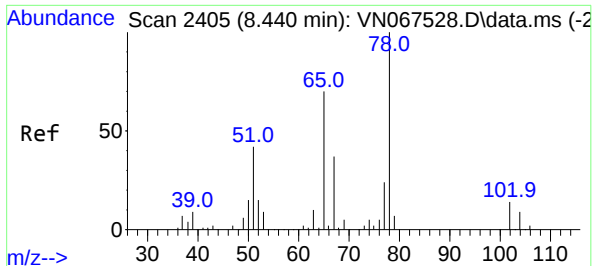
Tgt Ion: 56 Resp: 10439  
Ion Ratio Lower Upper  
56 100  
69 121.0 27.3 40.9#  
84 115.7 64.9 97.3#



#32  
1,1,1-Trichloroethane  
Concen: 0.656 ug/l  
RT: 8.013 min Scan# 2246  
Delta R.T. -0.003 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Tgt Ion: 97 Resp: 3967  
Ion Ratio Lower Upper  
97 100  
99 0.0 50.2 75.2#  
61 40.9 38.2 57.2

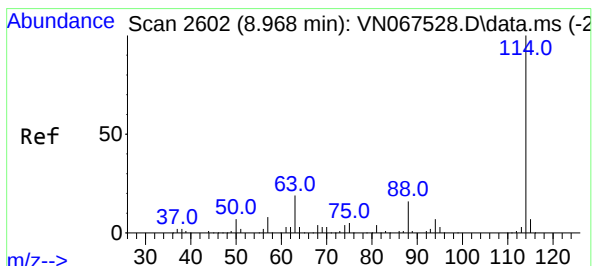
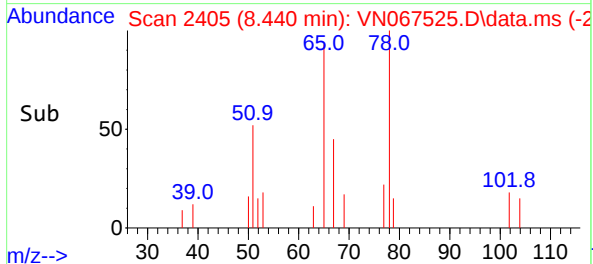
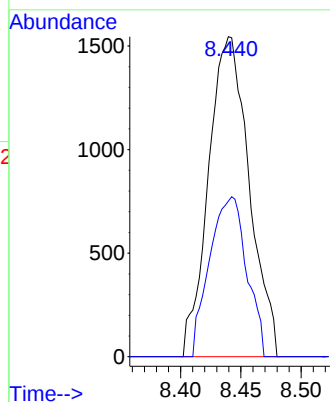
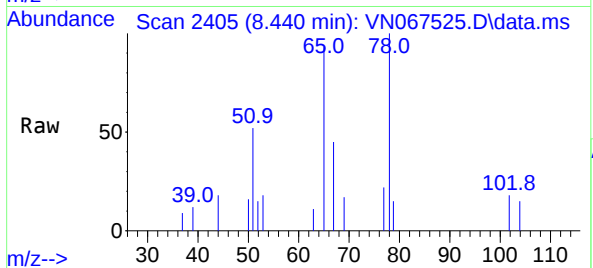




#33  
1,2-Dichloroethane-d4  
Concen: 0.774 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. 0.000 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

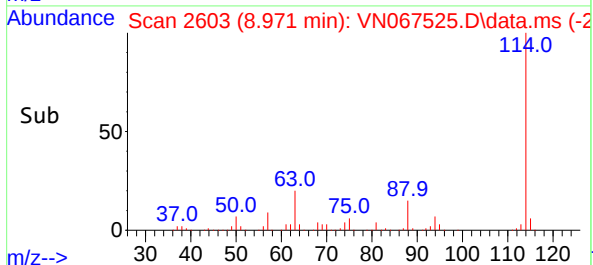
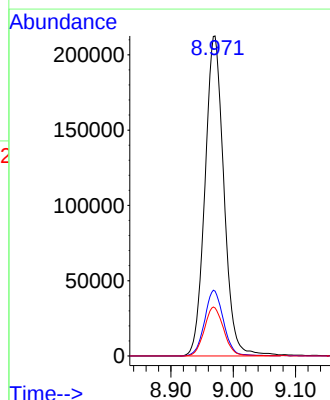
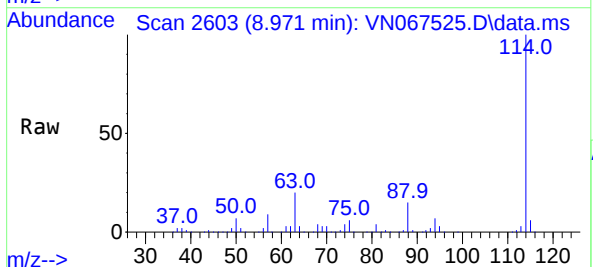
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ClientSampleId :  
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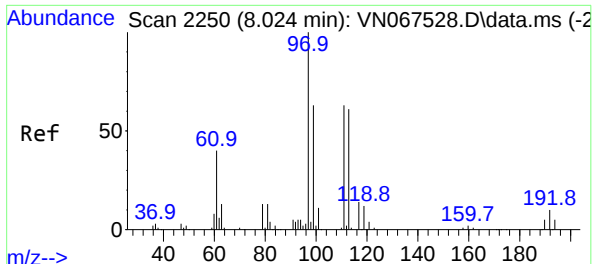
Tgt Ion: 65 Resp: 3628  
Ion Ratio Lower Upper  
65 100  
67 45.5 0.0 98.6



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.971 min Scan# 2603  
Delta R.T. 0.003 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Tgt Ion: 114 Resp: 448116  
Ion Ratio Lower Upper  
114 100  
63 20.2 0.0 49.0  
88 15.0 0.0 36.6

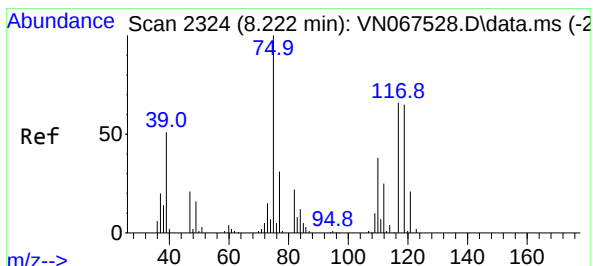
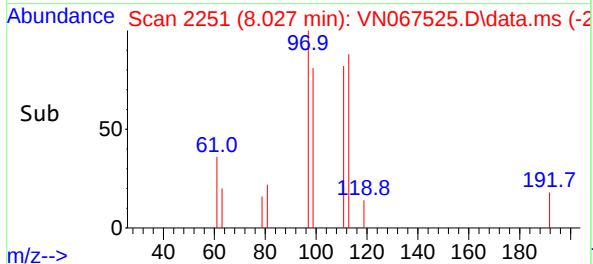
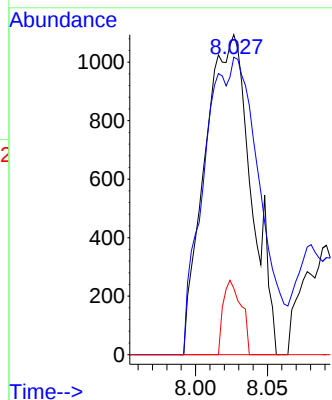
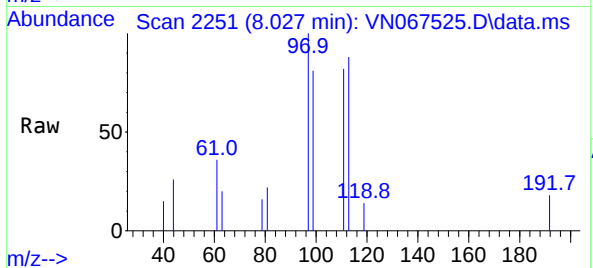




#35  
Dibromofluoromethane  
Concen: 0.886 ug/l  
RT: 8.027 min Scan# 2251  
Delta R.T. 0.003 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

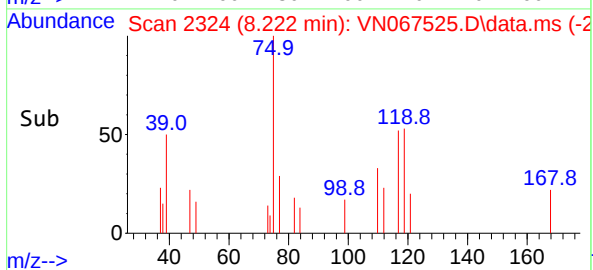
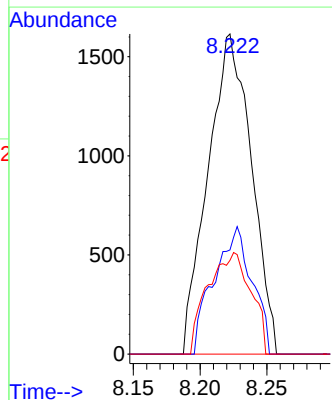
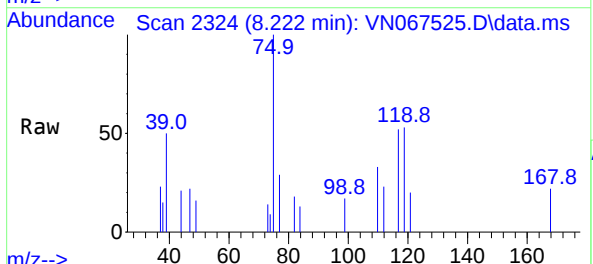
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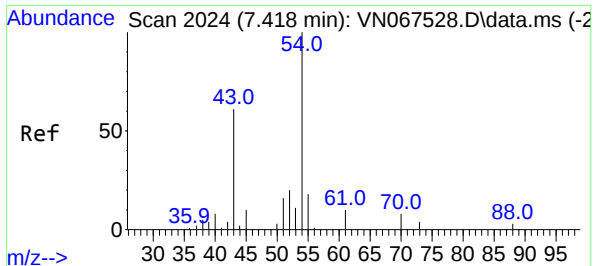
Tgt Ion:113 Resp: 2442  
Ion Ratio Lower Upper  
113 100  
111 48.6 83.8 125.8#  
192 9.0 13.4 20.0#



#36  
1,1-Dichloropropene  
Concen: 0.753 ug/l  
RT: 8.222 min Scan# 2324  
Delta R.T. 0.000 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Tgt Ion: 75 Resp: 3652  
Ion Ratio Lower Upper  
75 100  
110 34.9 15.7 47.0  
77 31.5 24.6 37.0



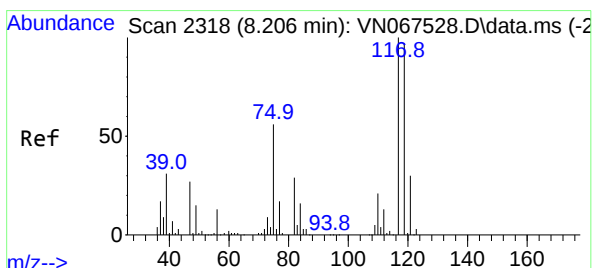
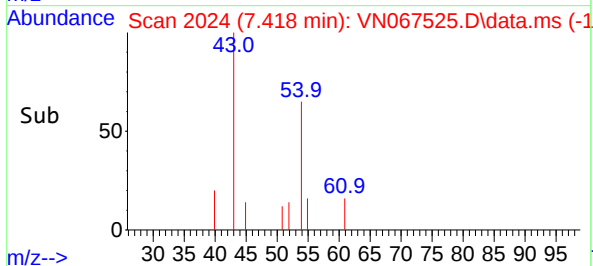
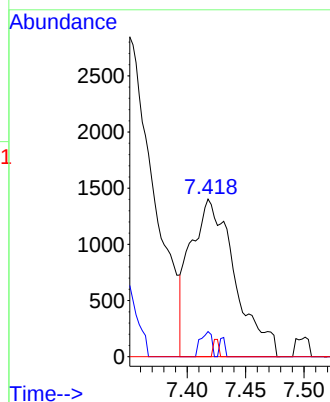
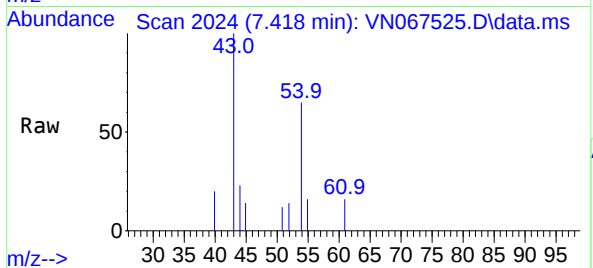


#37  
Ethyl Acetate  
Concen: 0.739 ug/l  
RT: 7.418 min Scan# 2024  
Delta R.T. 0.000 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tgt Ion: 43 Resp: 3720

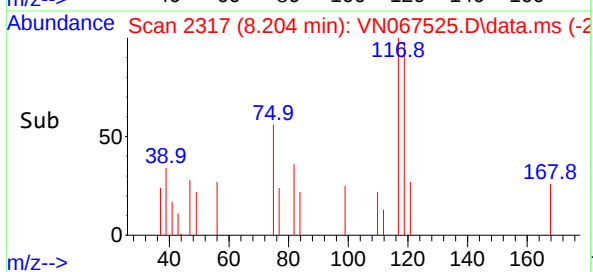
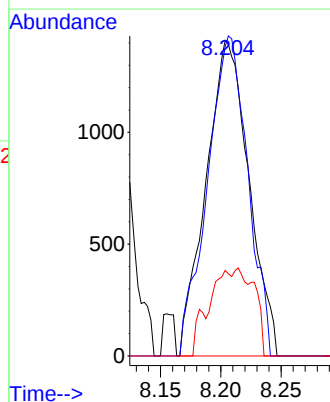
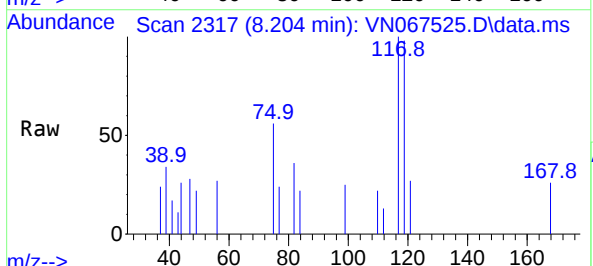
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 4.0   | 10.6  | 16.0# |
| 70  | 1.3   | 8.1   | 12.1# |

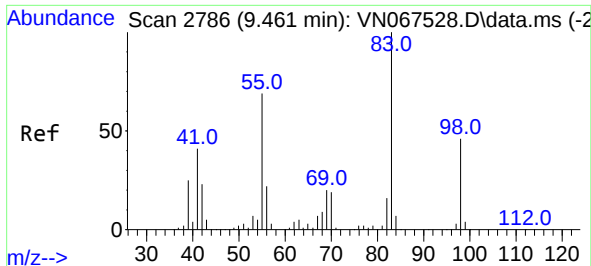


#38  
Carbon Tetrachloride  
Concen: 0.809 ug/l  
RT: 8.204 min Scan# 2317  
Delta R.T. -0.003 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Tgt Ion: 117 Resp: 3481

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 98.0  | 75.4  | 113.2 |
| 121 | 27.1  | 23.5  | 35.3  |

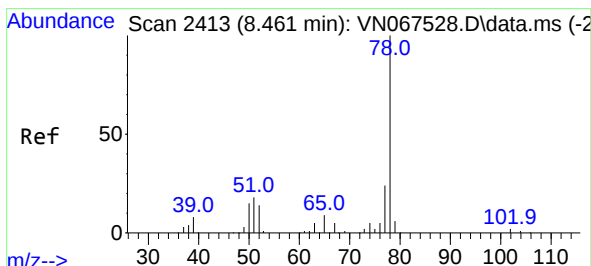
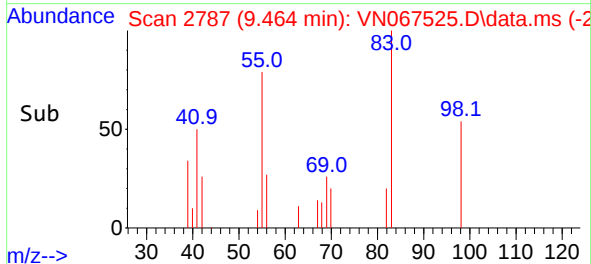
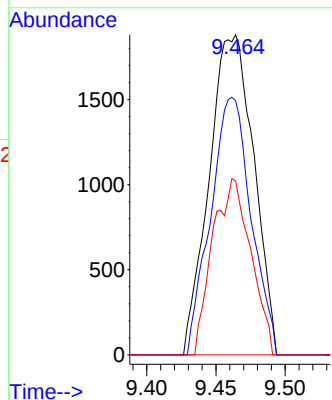
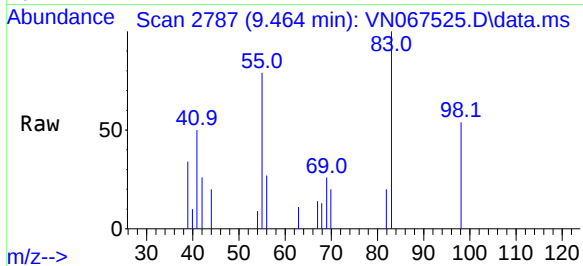




#39  
Methylcyclohexane  
Concen: 0.745 ug/l  
RT: 9.464 min Scan# 2787  
Delta R.T. 0.003 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

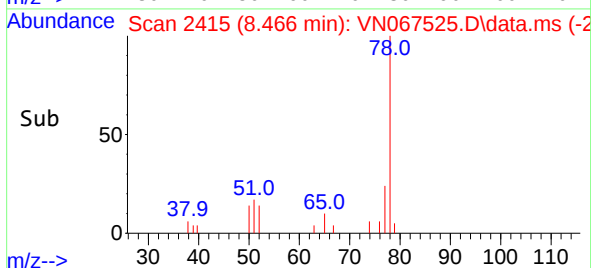
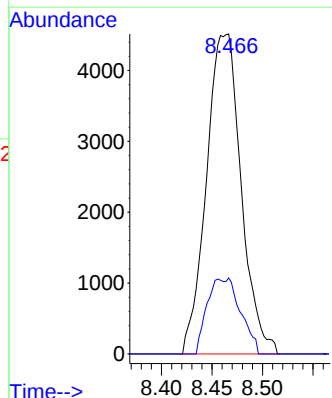
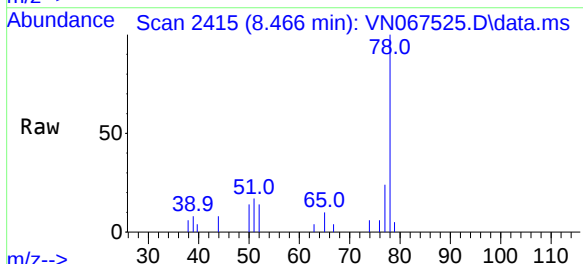
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

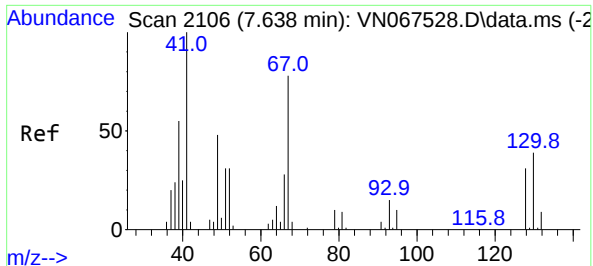
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 4217  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 79.4  | 66.6  | 99.8  |
| 98       | 54.3  | 35.3  | 52.9# |



#40  
Benzene  
Concen: 0.752 ug/l  
RT: 8.466 min Scan# 2415  
Delta R.T. 0.005 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 78    | Resp: | 10793 |
| Ion      | Ratio | Lower | Upper |
| 78       | 100   |       |       |
| 77       | 23.8  | 18.9  | 28.3  |



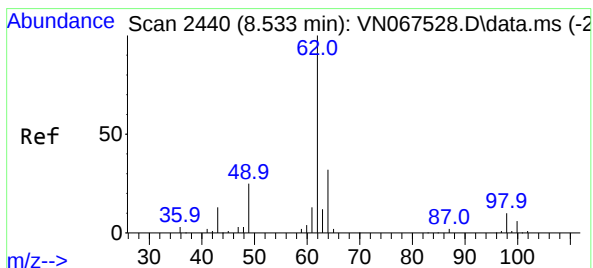
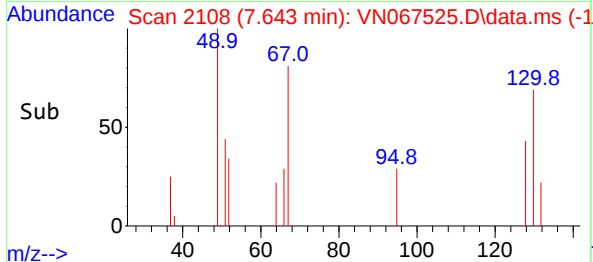
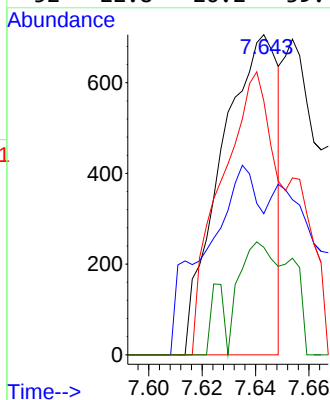
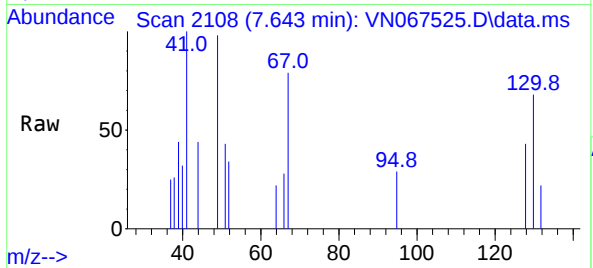


#41  
Methacrylonitrile  
Concen: 0.405 ug/l  
RT: 7.643 min Scan# 2108  
Delta R.T. 0.005 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tgt Ion: 41 Resp: 1035

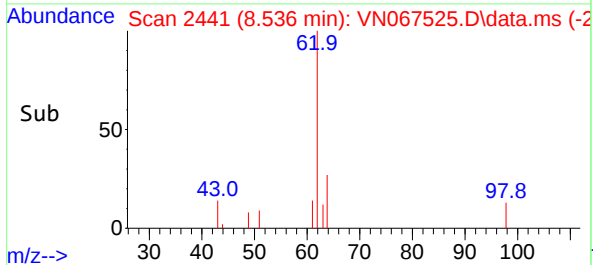
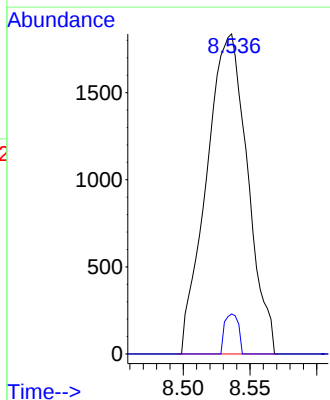
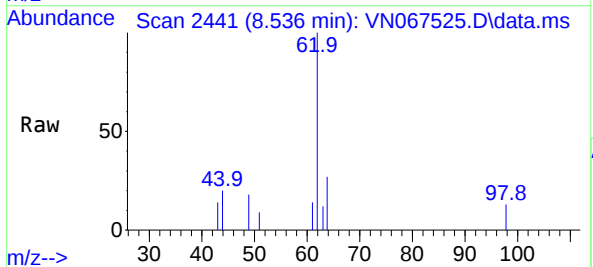
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 58.1  | 47.6  | 71.4  |
| 67  | 111.2 | 57.7  | 86.5# |
| 52  | 22.8  | 26.2  | 39.4# |

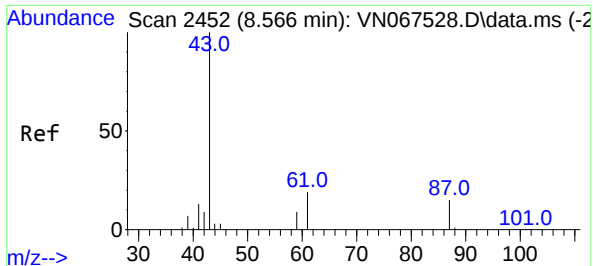


#42  
1,2-Dichloroethane  
Concen: 0.762 ug/l  
RT: 8.536 min Scan# 2441  
Delta R.T. 0.003 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Tgt Ion: 62 Resp: 3934

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 4.2   | 0.0   | 14.2  |

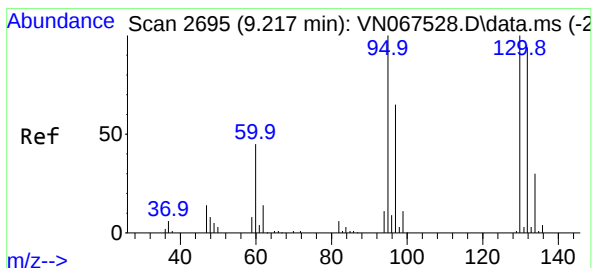
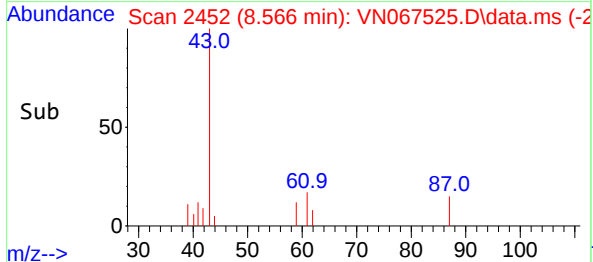
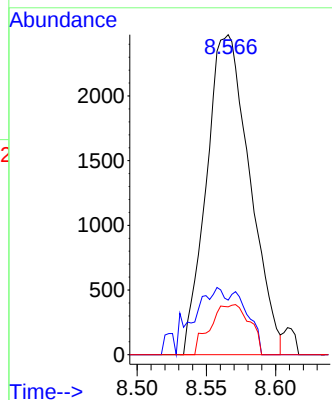
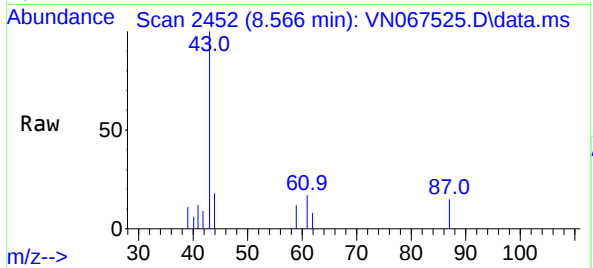




#43  
Isopropyl Acetate  
Concen: 0.620 ug/l  
RT: 8.566 min Scan# 2452  
Delta R.T. 0.000 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

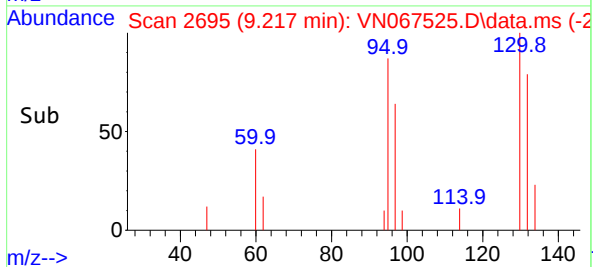
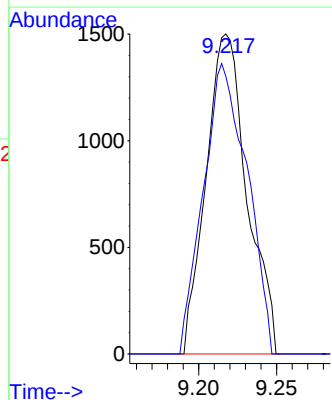
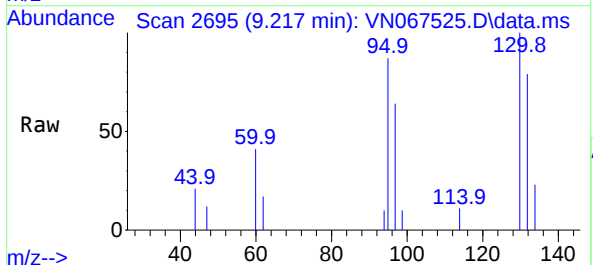
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

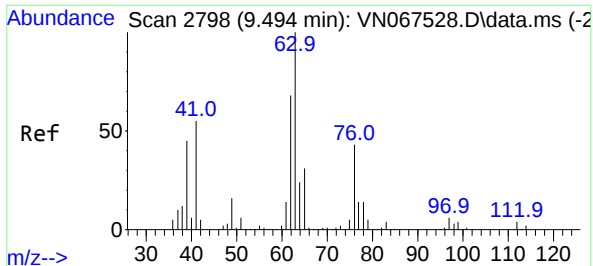
Tgt Ion: 43 Resp: 5386  
Ion Ratio Lower Upper  
43 100  
61 6.2 19.0 28.4#  
87 14.1 9.5 14.3



#44  
Trichloroethene  
Concen: 0.925 ug/l  
RT: 9.217 min Scan# 2695  
Delta R.T. 0.000 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Tgt Ion: 130 Resp: 2749  
Ion Ratio Lower Upper  
130 100  
95 86.8 0.0 234.4



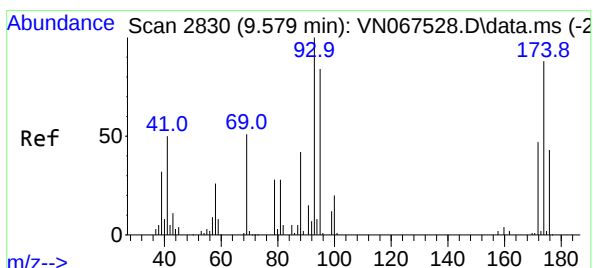
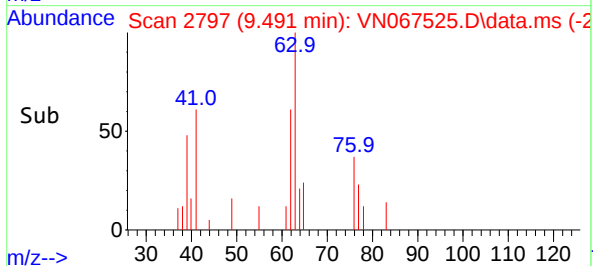
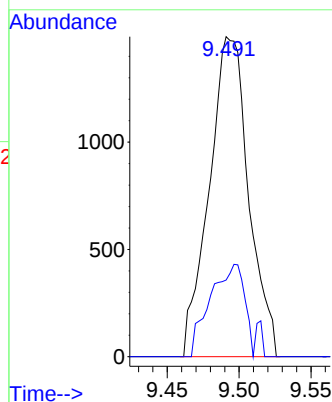
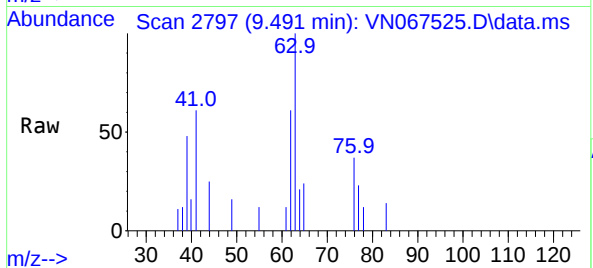


#45

1,2-Dichloropropane  
Concen: 0.736 ug/l  
RT: 9.491 min Scan# 2797  
Delta R.T. -0.003 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

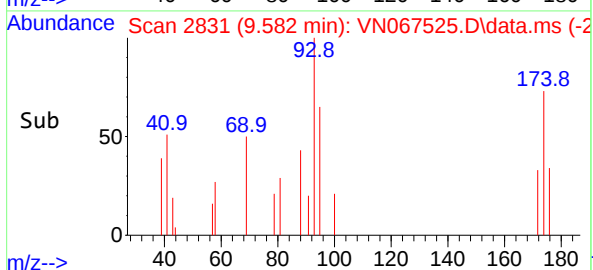
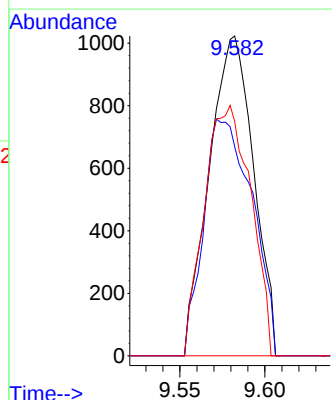
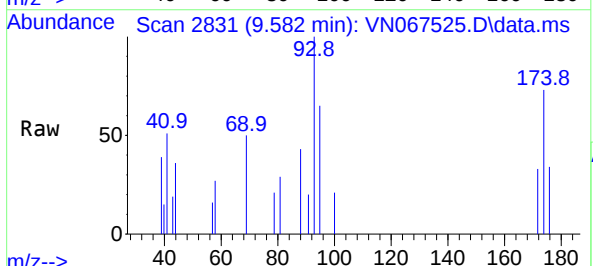
Tgt Ion: 63 Resp: 2846  
Ion Ratio Lower Upper  
63 100  
65 23.9 24.3 36.5#

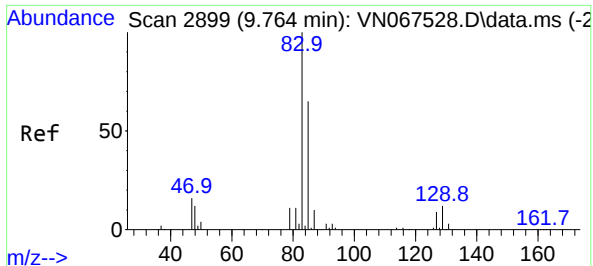


#46

Dibromomethane  
Concen: 0.774 ug/l  
RT: 9.582 min Scan# 2831  
Delta R.T. 0.003 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Tgt Ion: 93 Resp: 1862  
Ion Ratio Lower Upper  
93 100  
95 81.0 66.1 99.1  
174 81.5 61.0 91.4

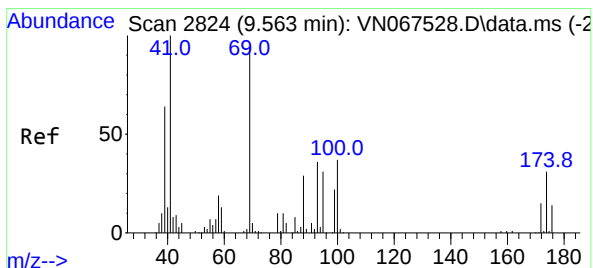
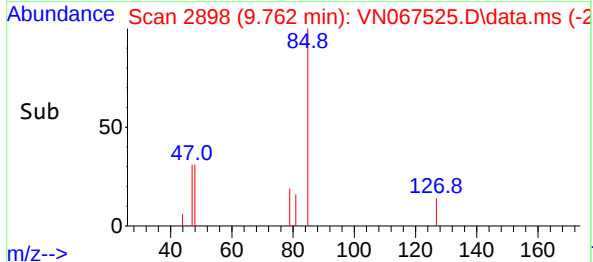
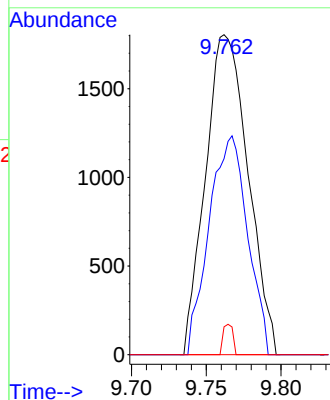
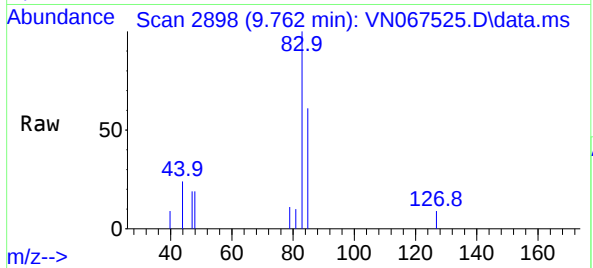




#47  
Bromodichloromethane  
Concen: 0.729 ug/l  
RT: 9.762 min Scan# 2898  
Delta R.T. -0.003 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

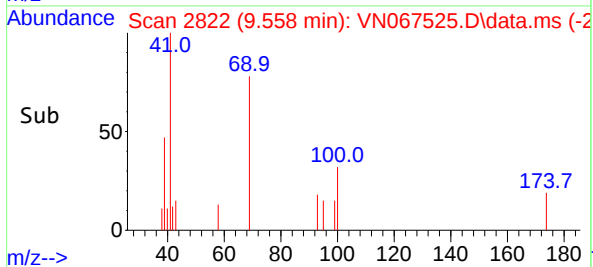
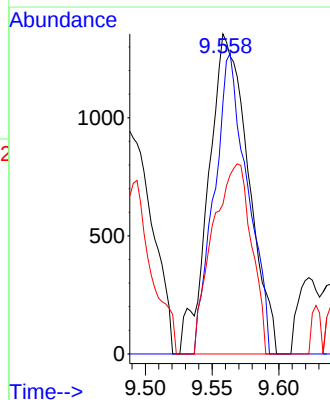
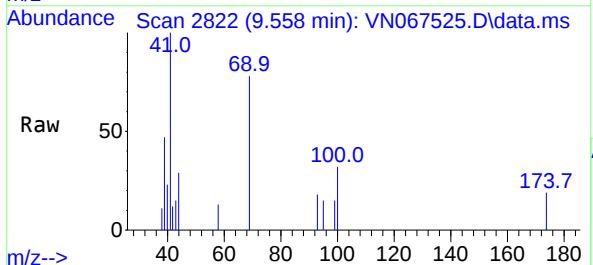
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

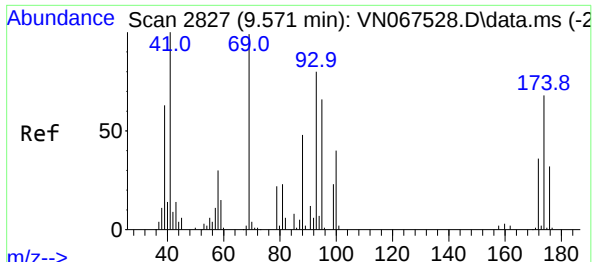
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 3580  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 61.3  | 49.9  | 74.9  |
| 127      | 8.7   | 6.1   | 9.1   |



#48  
Methyl methacrylate  
Concen: 0.745 ug/l  
RT: 9.558 min Scan# 2822  
Delta R.T. -0.005 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 2802  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 78.9  | 64.6  | 96.8  |
| 39       | 57.9  | 53.3  | 79.9  |

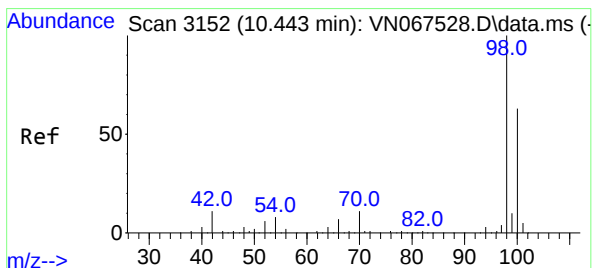
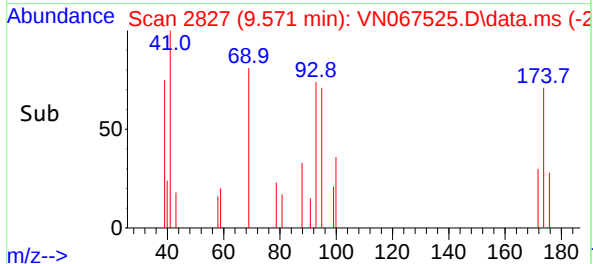
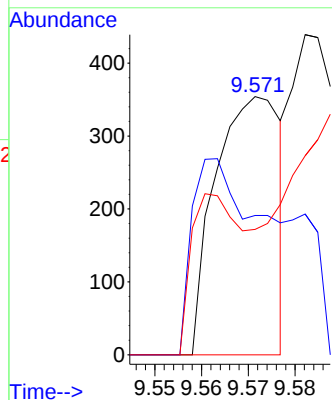
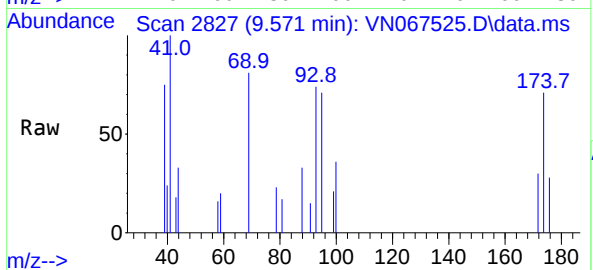




#49  
1,4-Dioxane  
Concen: 6.066 ug/l  
RT: 9.571 min Scan# 2827  
Delta R.T. 0.000 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

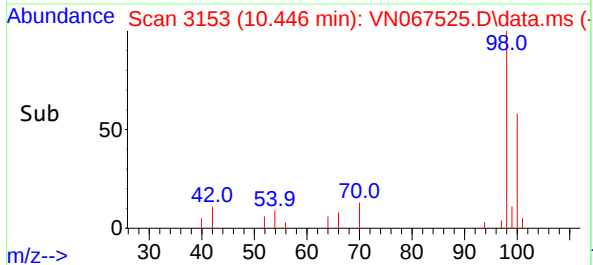
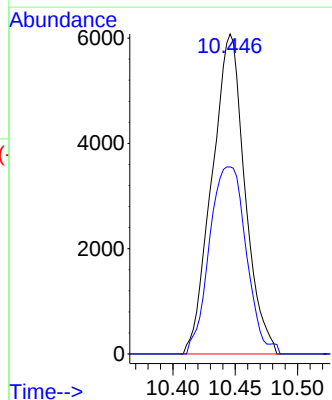
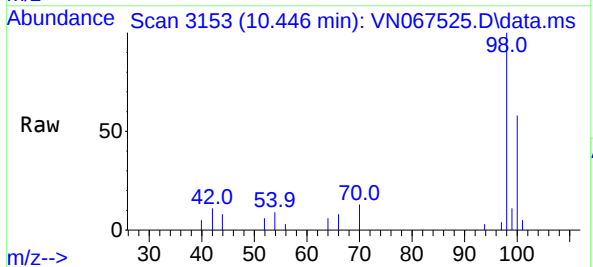
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

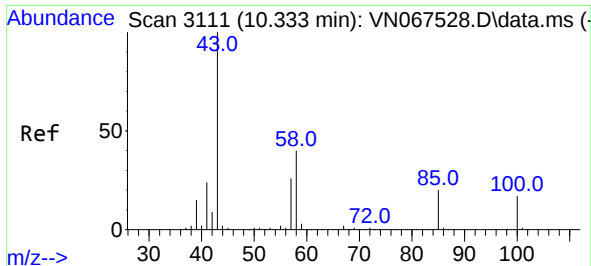
Tgt Ion: 88 Resp: 341  
Ion Ratio Lower Upper  
88 100  
43 106.5 28.8 43.2#  
58 45.7 60.4 90.6#



#50  
Toluene-d8  
Concen: 0.964 ug/l  
RT: 10.446 min Scan# 3153  
Delta R.T. 0.003 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Tgt Ion: 98 Resp: 11165  
Ion Ratio Lower Upper  
98 100  
100 65.3 51.7 77.5

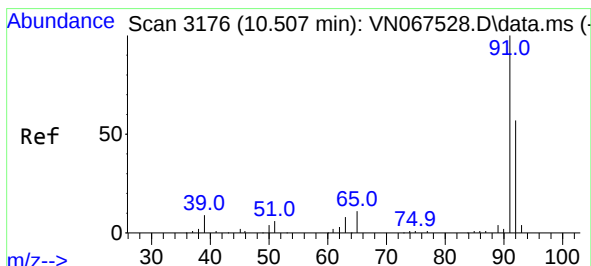
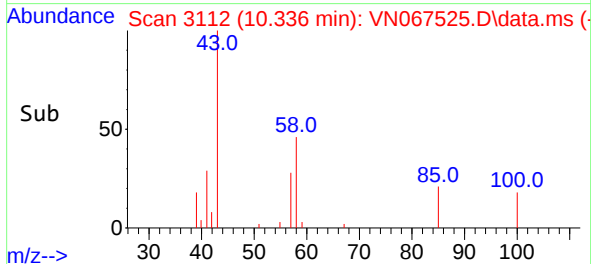
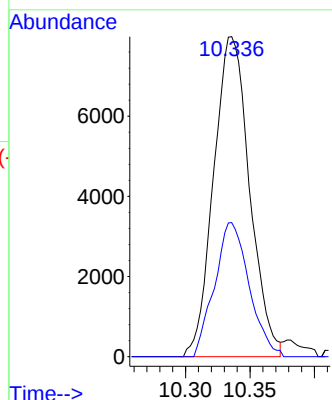
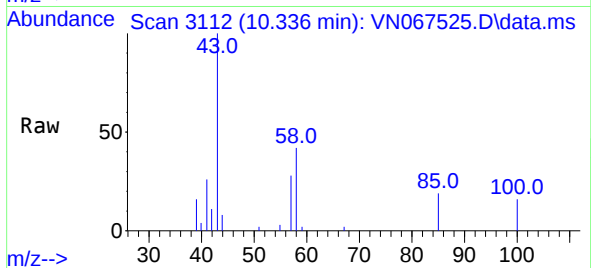




#51  
4-Methyl-2-Pentanone  
Concen: 3.051 ug/l  
RT: 10.336 min Scan# 3112  
Delta R.T. 0.003 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

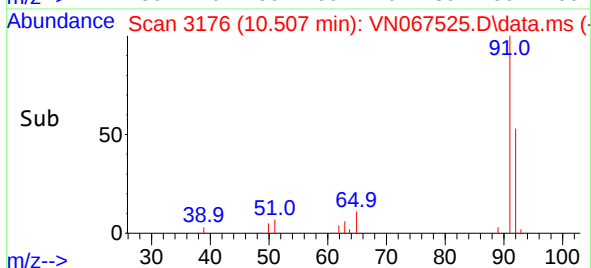
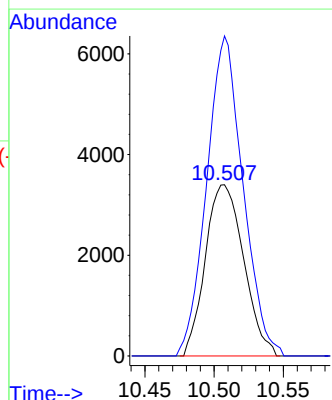
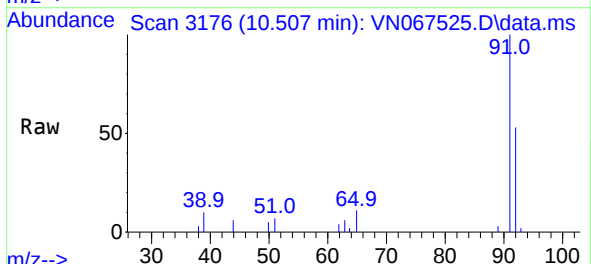
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

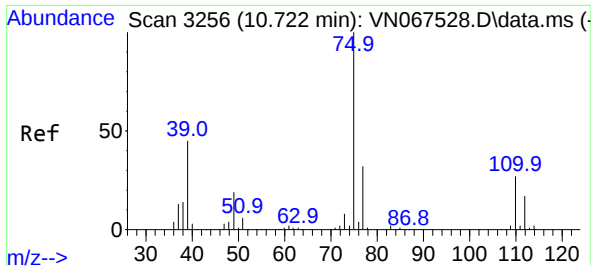
Tgt Ion: 43 Resp: 15503  
Ion Ratio Lower Upper  
43 100  
58 40.3 28.6 43.0



#52  
Toluene  
Concen: 0.770 ug/l  
RT: 10.507 min Scan# 3176  
Delta R.T. 0.000 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Tgt Ion: 92 Resp: 6547  
Ion Ratio Lower Upper  
92 100  
91 176.8 139.6 209.4

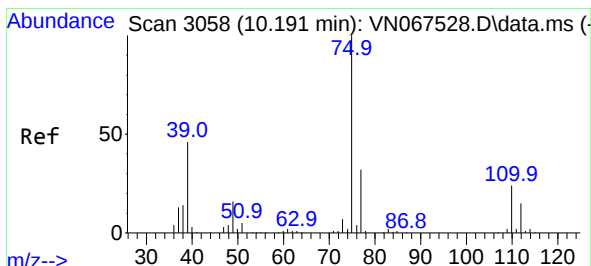
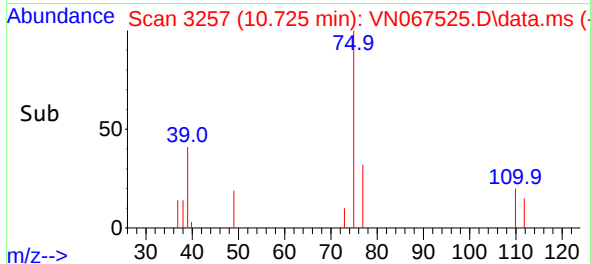
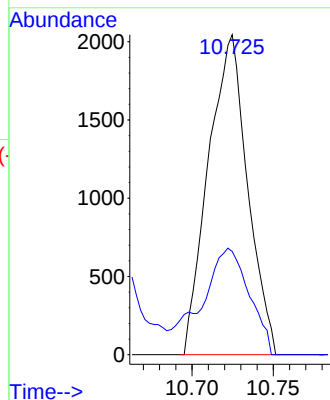
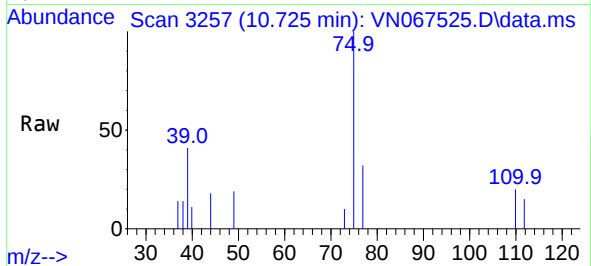




#53  
t-1,3-Dichloropropene  
Concen: 0.631 ug/l  
RT: 10.725 min Scan# 3257  
Delta R.T. 0.003 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

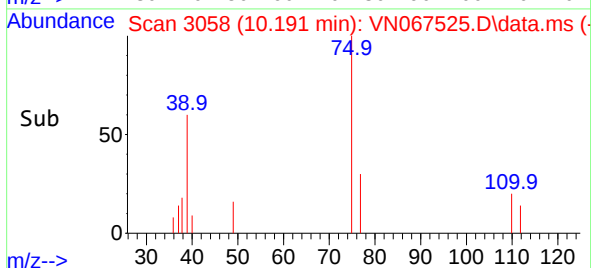
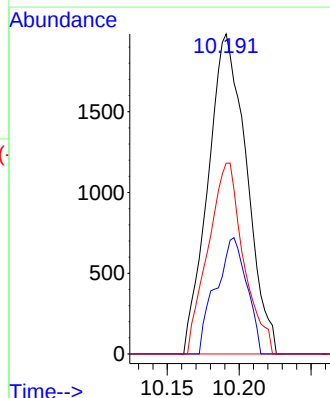
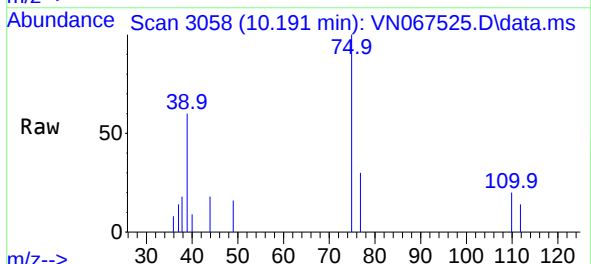
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

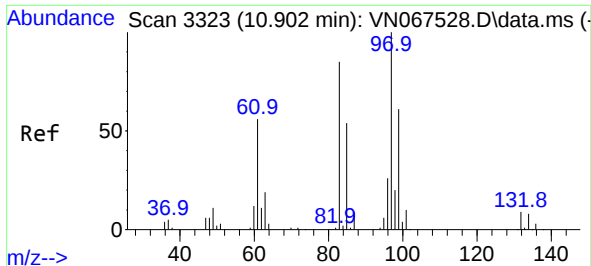
Tgt Ion: 75 Resp: 3423  
Ion Ratio Lower Upper  
75 100  
77 32.3 25.1 37.7



#54  
cis-1,3-Dichloropropene  
Concen: 0.618 ug/l  
RT: 10.191 min Scan# 3058  
Delta R.T. 0.000 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Tgt Ion: 75 Resp: 3688  
Ion Ratio Lower Upper  
75 100  
77 30.2 24.6 37.0  
39 59.6 50.7 76.1



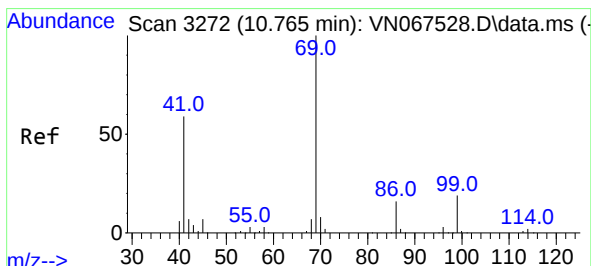
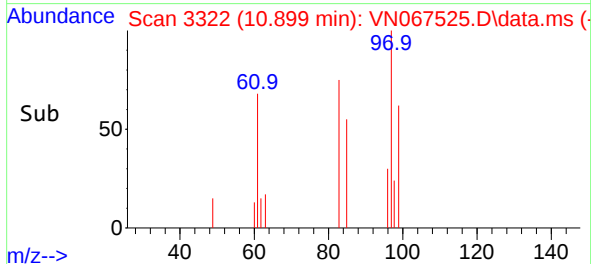
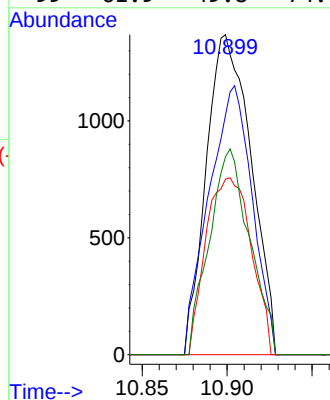
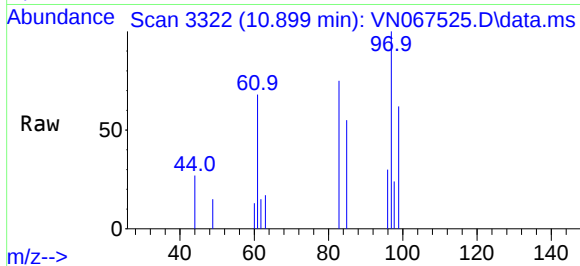


#55  
1,1,2-Trichloroethane  
Concen: 0.771 ug/l  
RT: 10.899 min Scan# 3322  
Delta R.T. -0.003 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tgt Ion: 97 Resp: 2517

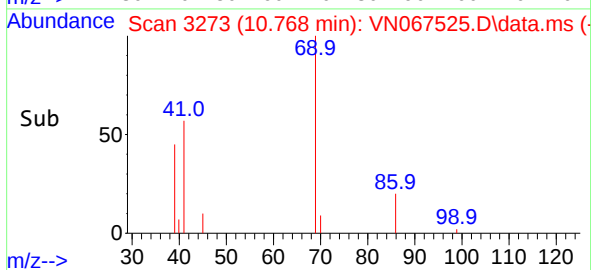
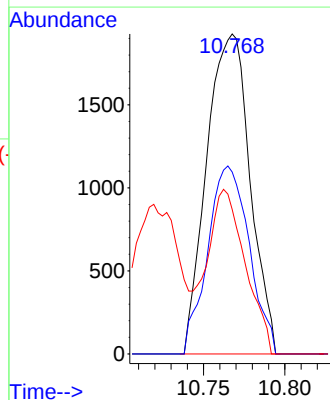
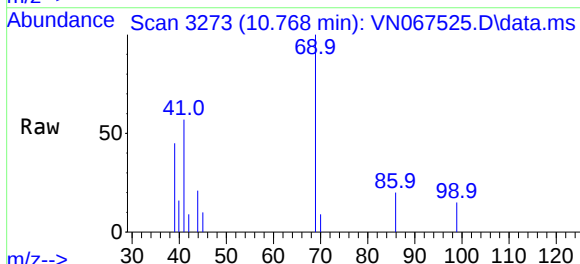
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 74.9  | 72.0  | 108.0 |
| 85  | 54.9  | 46.8  | 70.2  |
| 99  | 61.9  | 49.8  | 74.6  |

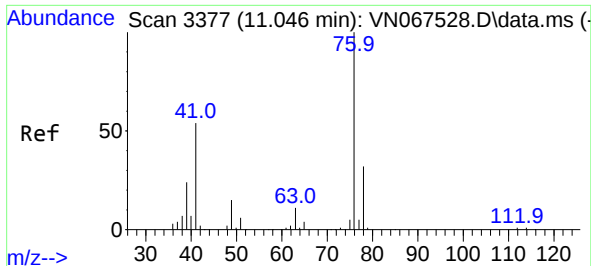


#56  
Ethyl methacrylate  
Concen: 0.624 ug/l  
RT: 10.768 min Scan# 3273  
Delta R.T. 0.003 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Tgt Ion: 69 Resp: 3578

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 56.3  | 58.6  | 88.0# |
| 39  | 45.2  | 38.3  | 57.5  |

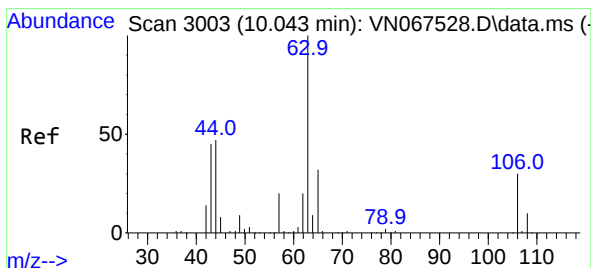
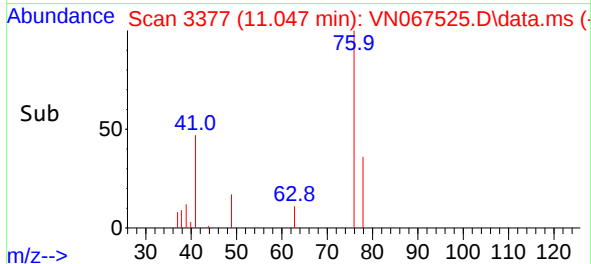
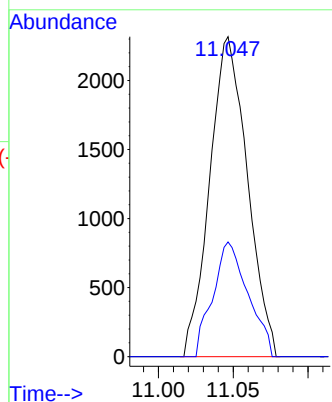
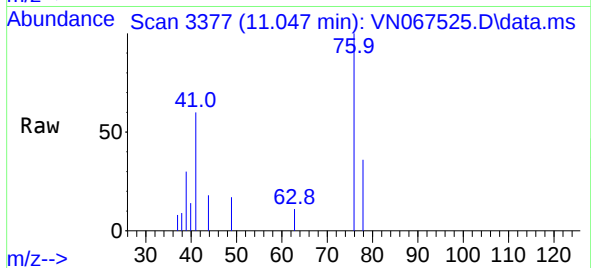




#57  
1,3-Dichloropropane  
Concen: 0.672 ug/l  
RT: 11.047 min Scan# 3377  
Delta R.T. 0.000 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

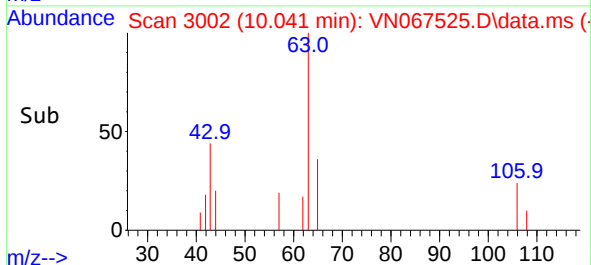
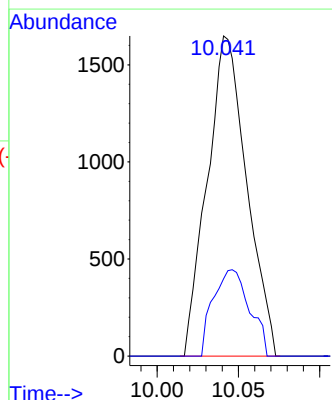
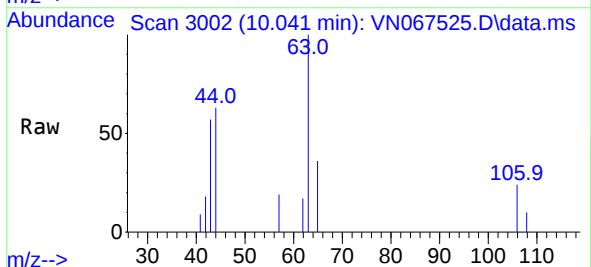
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ClientSampled :  
VSTDIC001

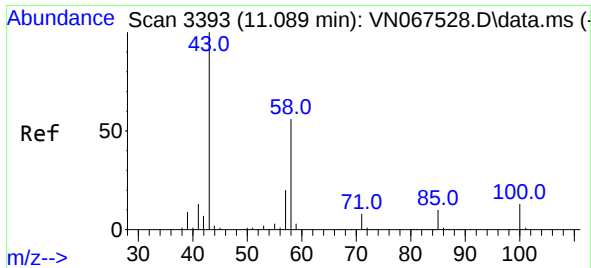
Tgt Ion: 76 Resp: 4054  
Ion Ratio Lower Upper  
76 100  
78 33.5 25.7 38.5



#58  
2-Chloroethyl Vinyl ether  
Concen: 2.190 ug/l  
RT: 10.041 min Scan# 3002  
Delta R.T. -0.003 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Tgt Ion: 63 Resp: 2787  
Ion Ratio Lower Upper  
63 100  
106 24.8 19.8 29.8

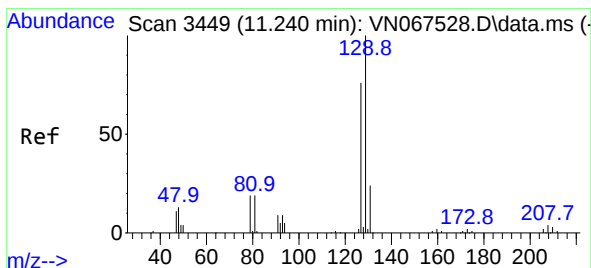
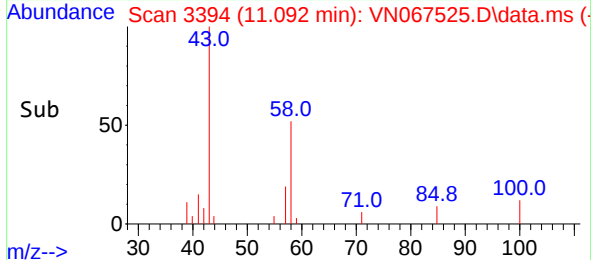
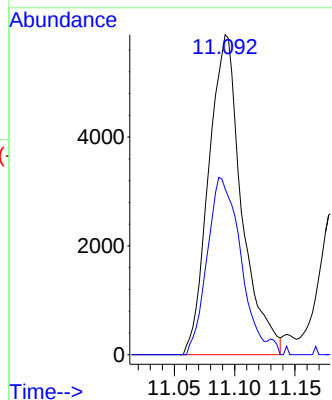
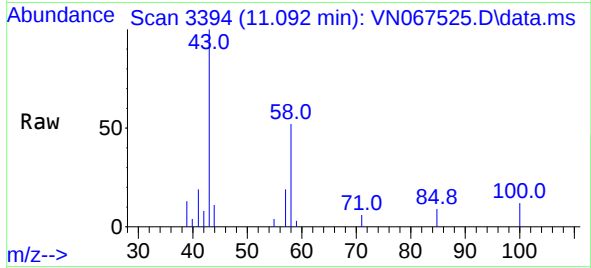




#59  
2-Hexanone  
Concen: 3.139 ug/l  
RT: 11.092 min Scan# 3394  
Delta R.T. 0.003 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

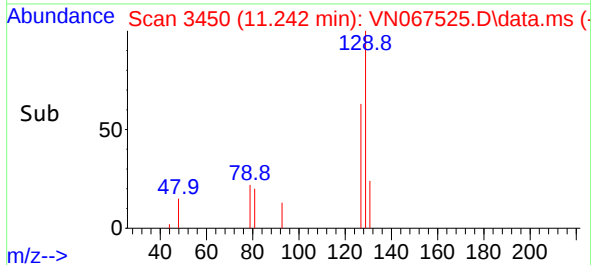
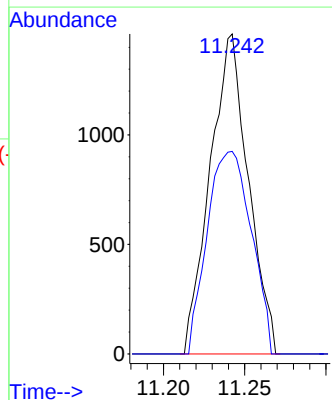
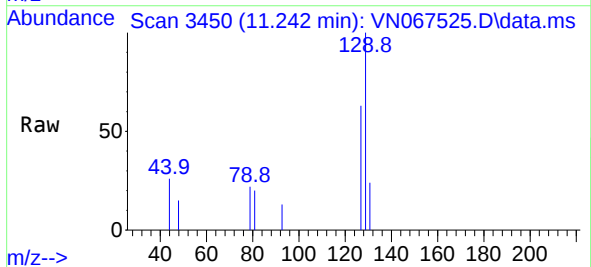
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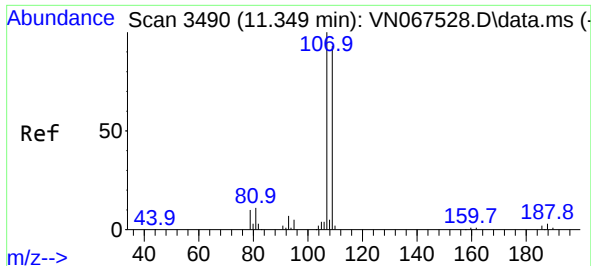
Tgt Ion: 43 Resp: 11216  
Ion Ratio Lower Upper  
43 100  
58 55.7 24.7 74.1



#60  
Dibromochloromethane  
Concen: 0.794 ug/l  
RT: 11.242 min Scan# 3450  
Delta R.T. 0.003 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Tgt Ion: 129 Resp: 2395  
Ion Ratio Lower Upper  
129 100  
127 72.8 38.6 115.8

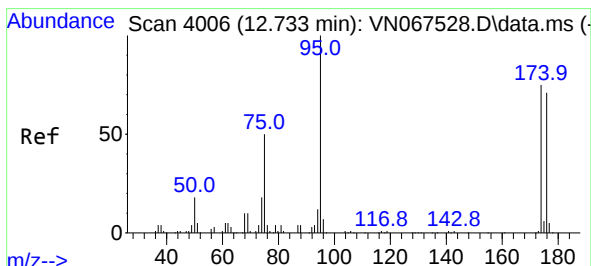
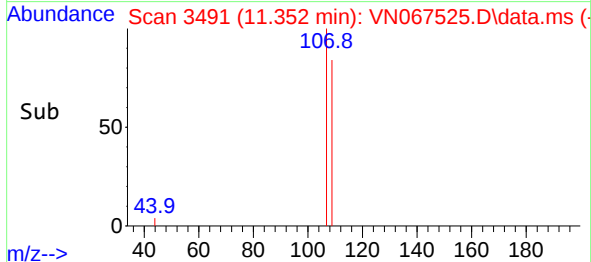
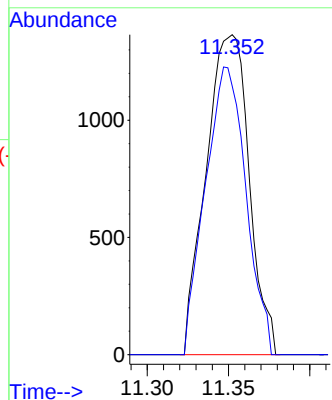
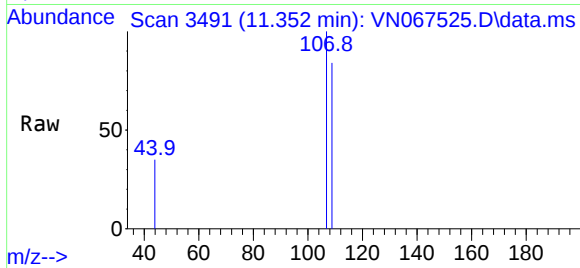




#61  
1,2-Dibromoethane  
Concen: 0.787 ug/l  
RT: 11.352 min Scan# 3491  
Delta R.T. 0.003 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

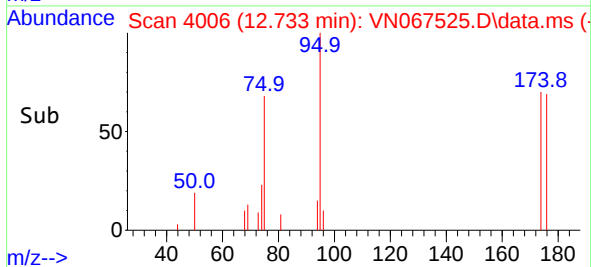
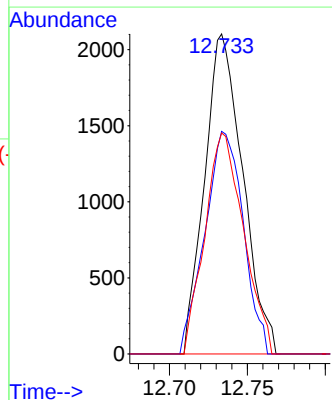
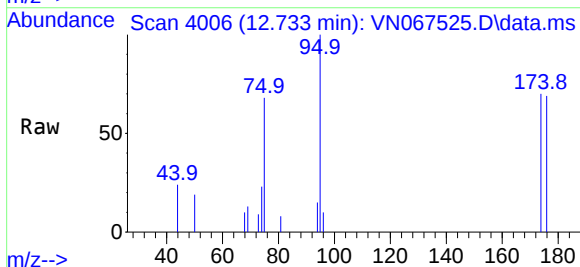
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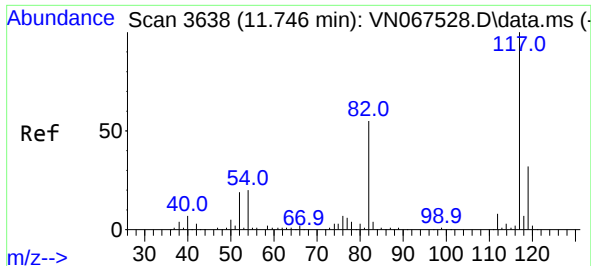
Tgt Ion:107 Resp: 2525  
Ion Ratio Lower Upper  
107 100  
109 84.6 75.0 112.4



#62  
4-Bromofluorobenzene  
Concen: 0.867 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. 0.000 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Tgt Ion: 95 Resp: 3580  
Ion Ratio Lower Upper  
95 100  
174 70.0 0.0 122.0  
176 70.0 0.0 117.6

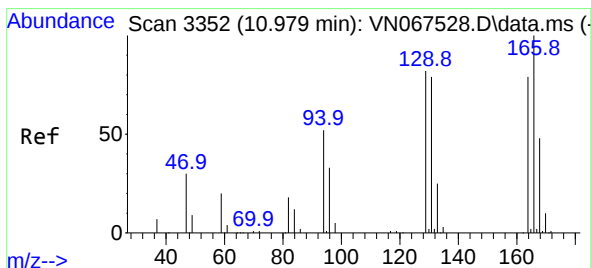
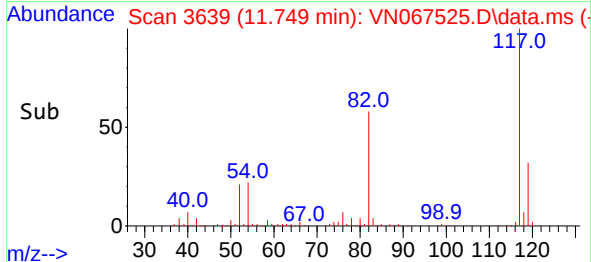
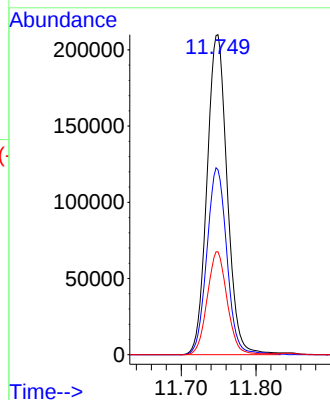
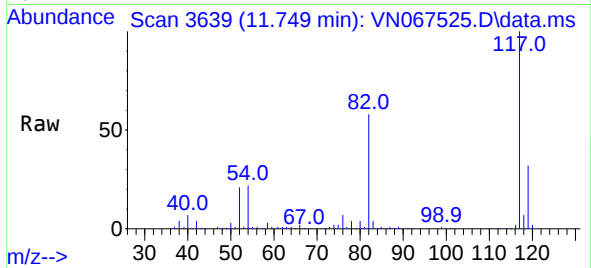




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.749 min Scan# 3639  
Delta R.T. 0.003 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

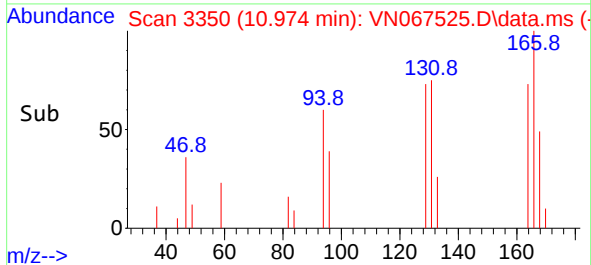
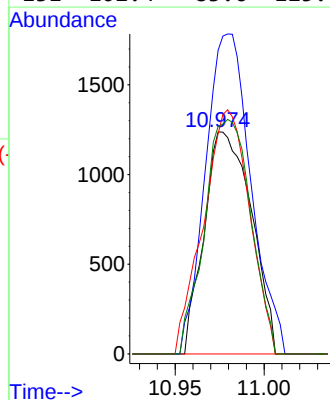
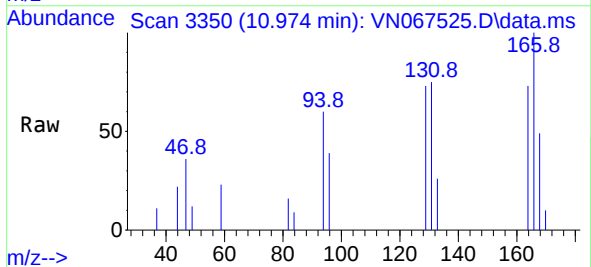
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

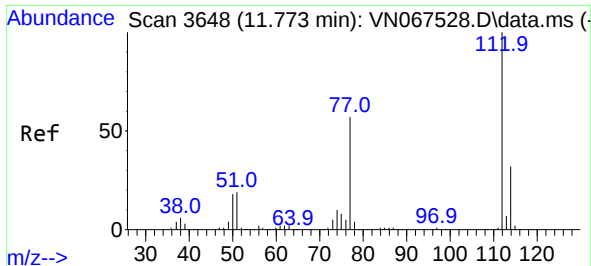
Tgt Ion:117 Resp: 394726  
Ion Ratio Lower Upper  
117 100  
82 57.8 53.1 79.7  
119 32.2 25.5 38.3



#64  
Tetrachloroethene  
Concen: 0.872 ug/l  
RT: 10.974 min Scan# 3350  
Delta R.T. -0.005 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Tgt Ion:164 Resp: 2283  
Ion Ratio Lower Upper  
164 100  
166 136.8 102.1 153.1  
129 99.2 86.9 130.3  
131 102.4 83.6 125.4

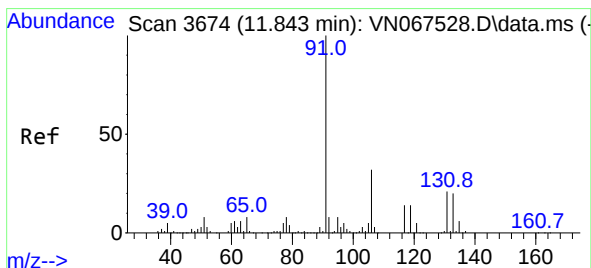
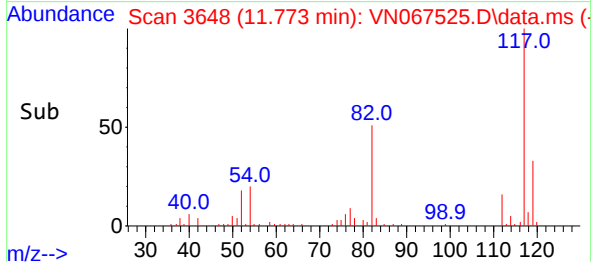
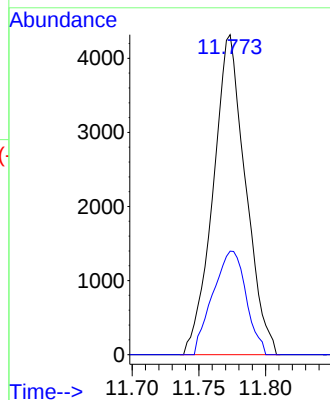
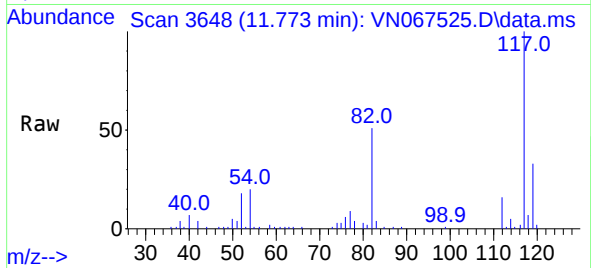




#65  
Chlorobenzene  
Concen: 0.897 ug/l  
RT: 11.773 min Scan# 3648  
Delta R.T. 0.000 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

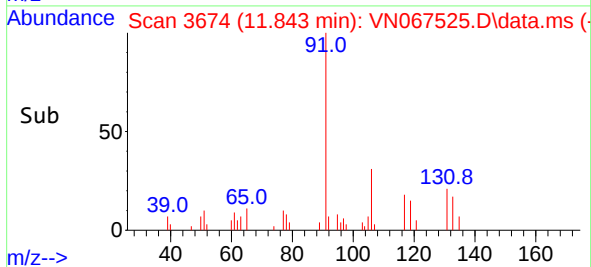
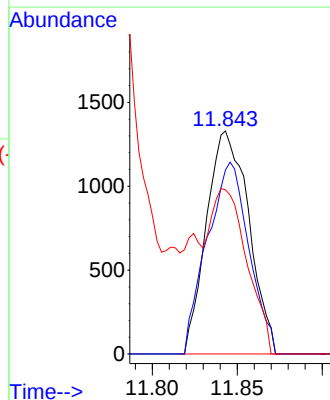
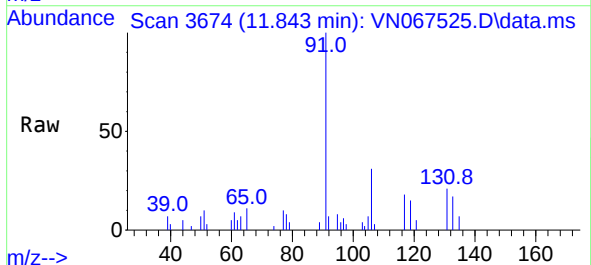
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

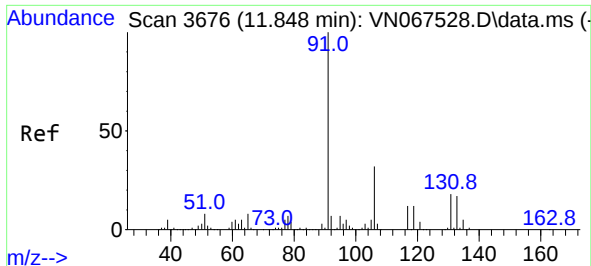
Tgt Ion:112 Resp: 7291  
Ion Ratio Lower Upper  
112 100  
114 32.4 24.6 37.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 0.837 ug/l  
RT: 11.843 min Scan# 3674  
Delta R.T. 0.000 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Tgt Ion:131 Resp: 2301  
Ion Ratio Lower Upper  
131 100  
133 85.0 47.5 142.5  
119 0.0 33.1 99.3#

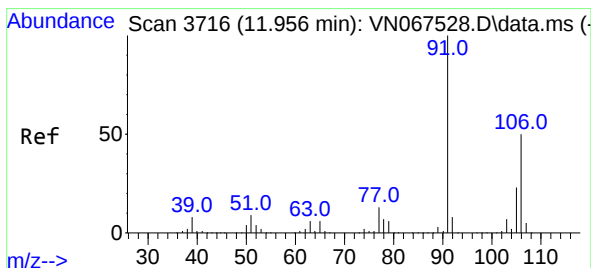
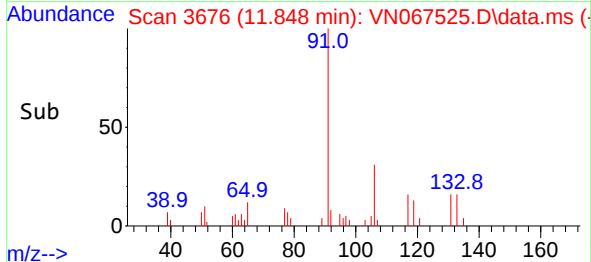
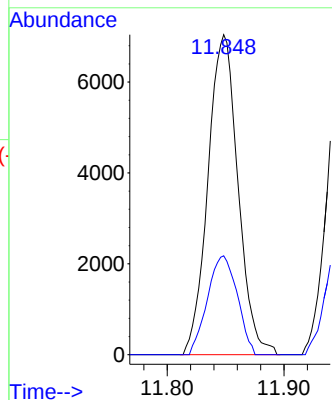
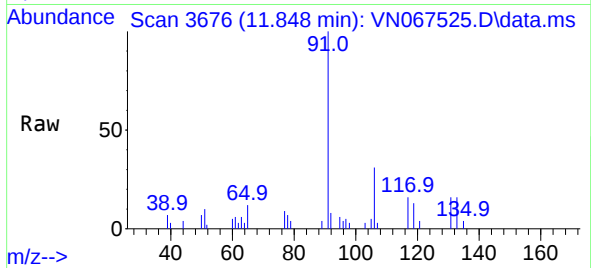




#67  
Ethyl Benzene  
Concen: 0.772 ug/l  
RT: 11.848 min Scan# 3676  
Delta R.T. 0.000 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

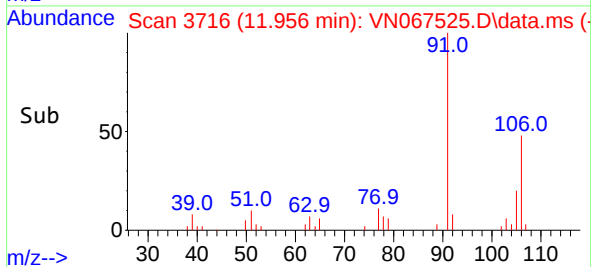
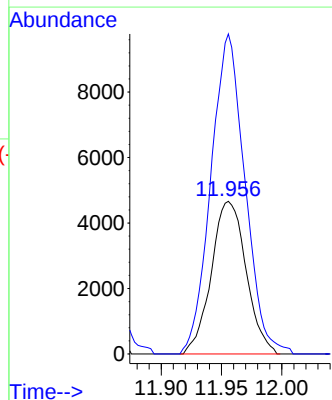
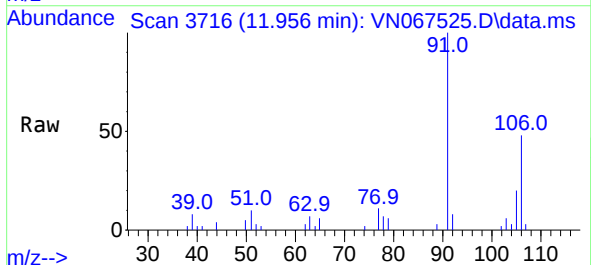
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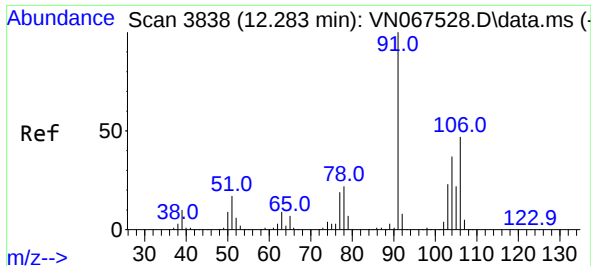
Tgt Ion: 91 Resp: 12589  
Ion Ratio Lower Upper  
91 100  
106 30.9 23.4 35.0



#68  
m/p-Xylenes  
Concen: 1.655 ug/l  
RT: 11.956 min Scan# 3716  
Delta R.T. 0.000 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Tgt Ion: 106 Resp: 9366  
Ion Ratio Lower Upper  
106 100  
91 204.8 180.6 270.8

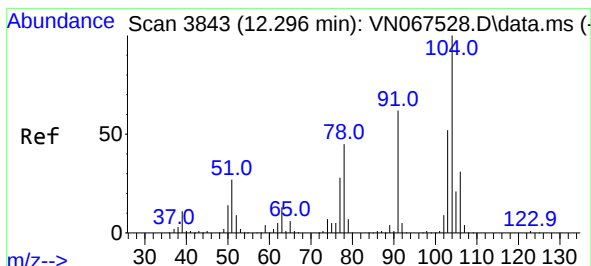
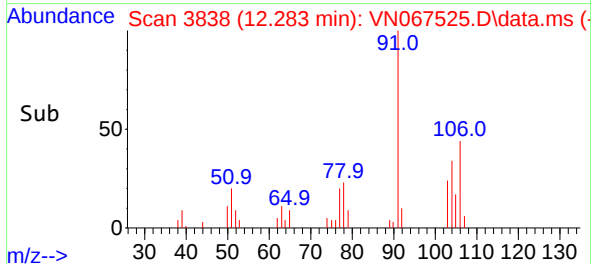
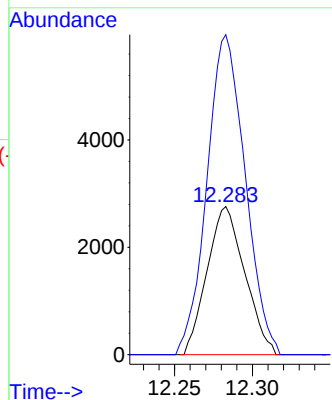
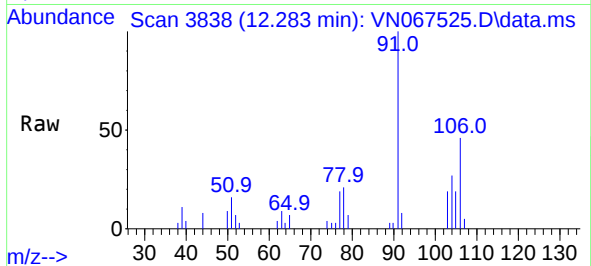




#69  
o-Xylene  
Concen: 0.831 ug/l  
RT: 12.283 min Scan# 3838  
Delta R.T. 0.000 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

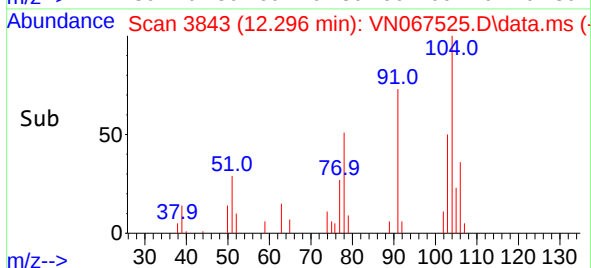
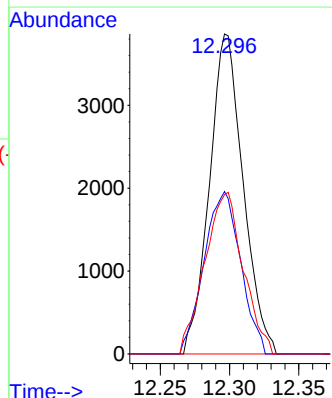
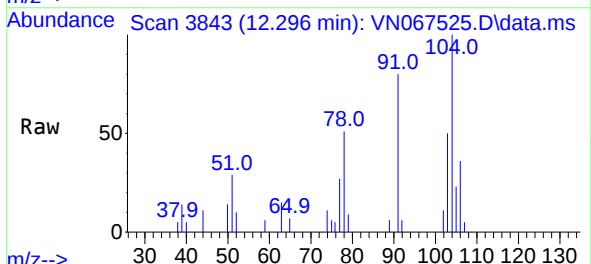
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ClientSampleId :  
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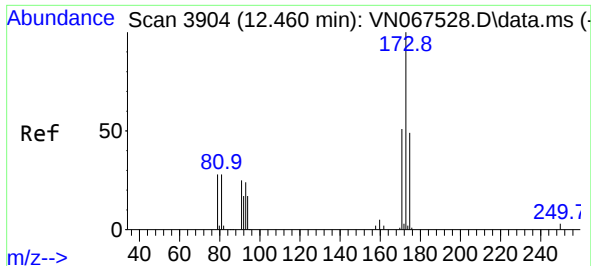
Tgt Ion:106 Resp: 4645  
Ion Ratio Lower Upper  
106 100  
91 218.9 118.3 354.9



#70  
Styrene  
Concen: 0.715 ug/l  
RT: 12.296 min Scan# 3843  
Delta R.T. 0.000 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Tgt Ion:104 Resp: 6533  
Ion Ratio Lower Upper  
104 100  
78 55.1 48.2 72.2  
103 57.7 44.5 66.7

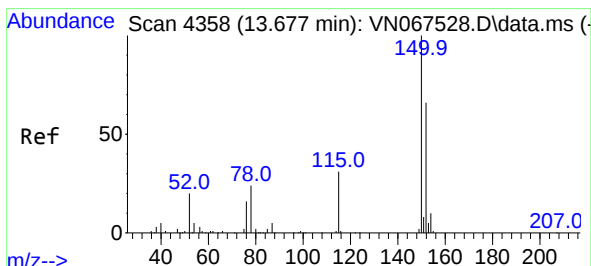
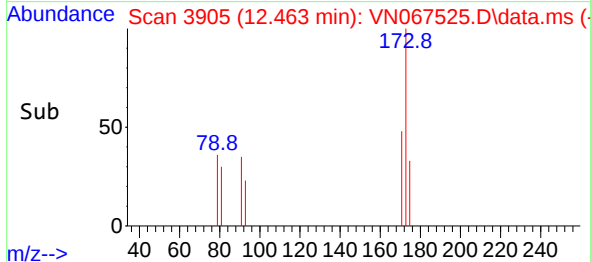
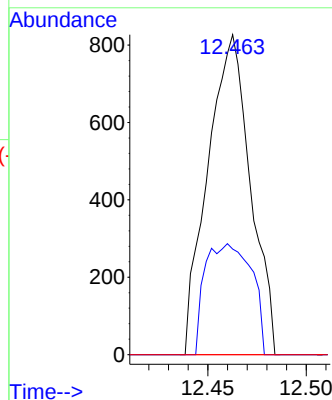
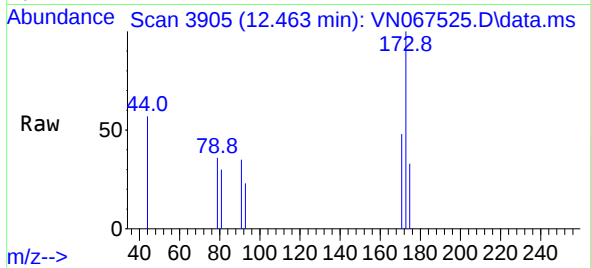




#71  
Bromoform  
Concen: 0.674 ug/l  
RT: 12.463 min Scan# 3905  
Delta R.T. 0.003 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

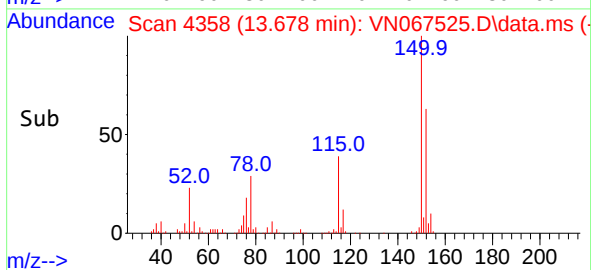
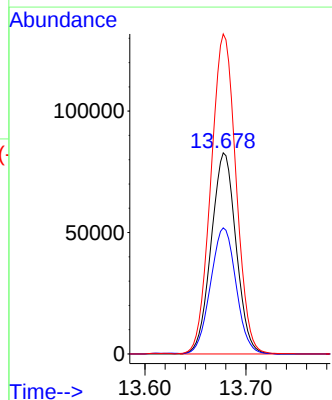
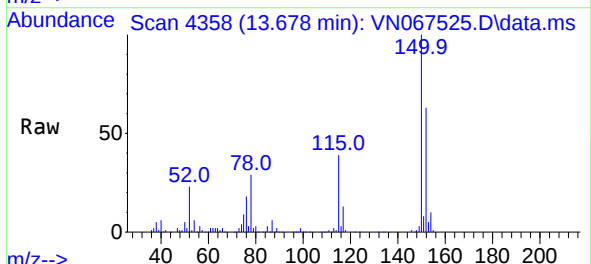
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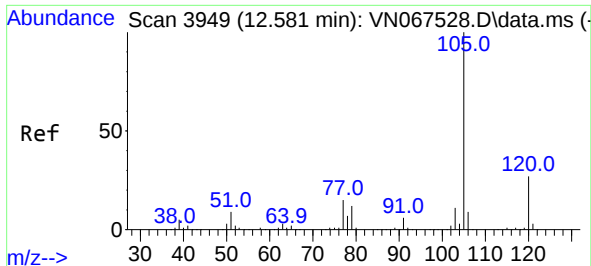
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 173   | Resp: | 1245 |
| Ion Ratio | Lower | Upper |      |
| 173       | 100   |       |      |
| 175       | 37.7  | 23.9  | 71.8 |
| 254       | 0.0   | 0.0   | 0.0  |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.678 min Scan# 4358  
Delta R.T. 0.000 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 141725 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 64.4  | 36.1  | 108.5  |
| 150       | 160.6 | 0.0   | 351.8  |

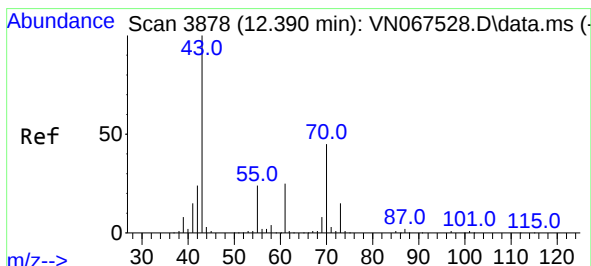
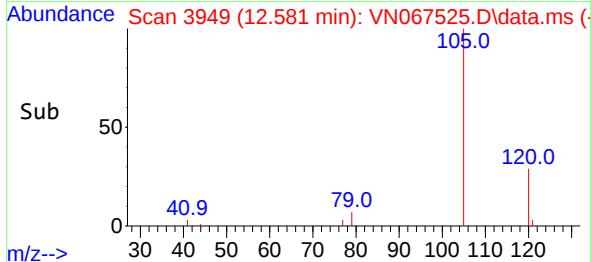
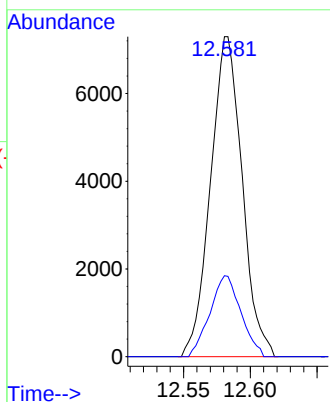
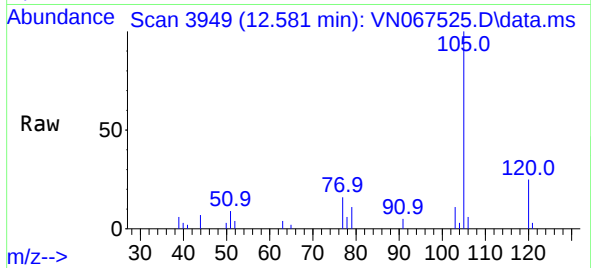




#73  
Isopropylbenzene  
Concen: 0.866 ug/l  
RT: 12.581 min Scan# 3949  
Delta R.T. 0.000 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

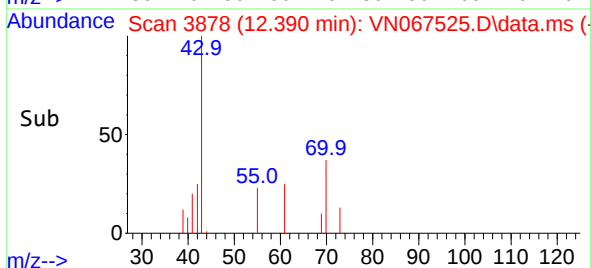
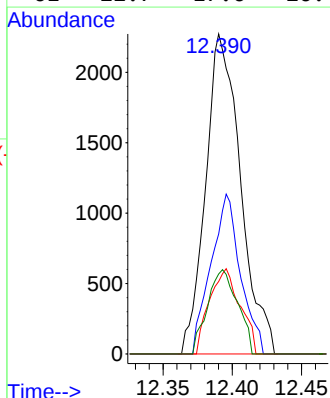
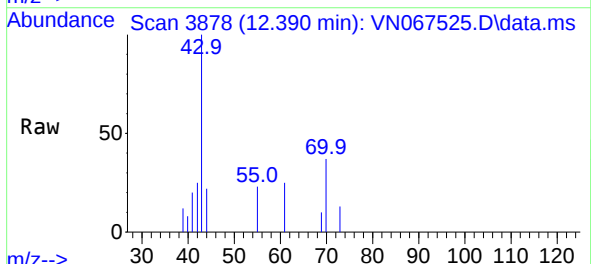
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

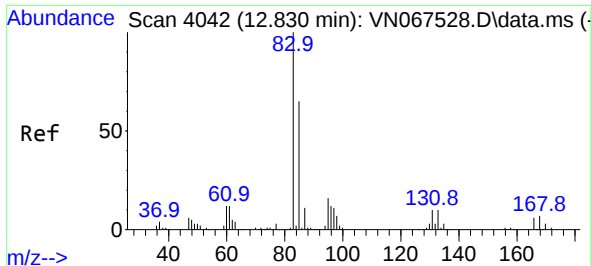
Tgt Ion:105 Resp: 12011  
Ion Ratio Lower Upper  
105 100  
120 24.8 12.5 37.5



#74  
N-ethyl acetate  
Concen: 0.624 ug/l  
RT: 12.390 min Scan# 3878  
Delta R.T. 0.000 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Tgt Ion: 43 Resp: 3979  
Ion Ratio Lower Upper  
43 100  
70 42.3 29.4 44.2  
55 23.4 17.0 25.4  
61 22.7 17.6 26.4

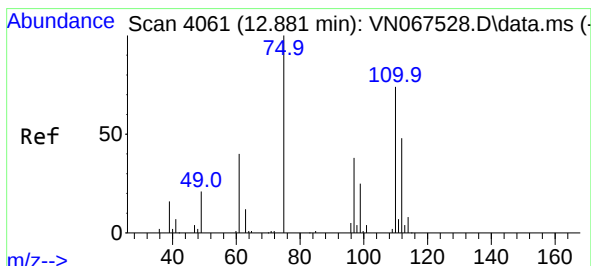
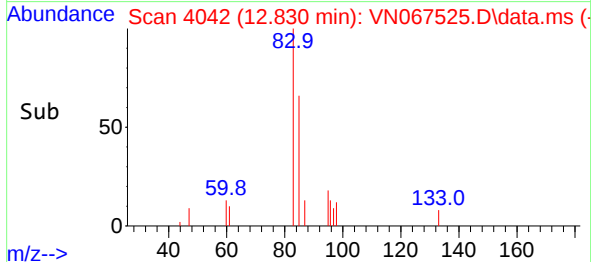
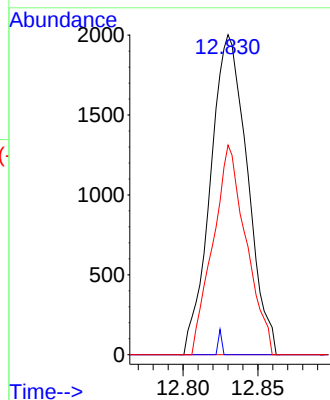
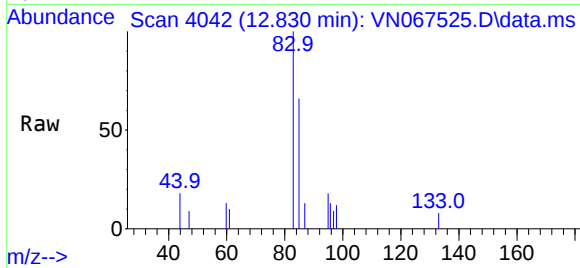




#75  
1,1,2,2-Tetrachloroethane  
Concen: 0.780 ug/l  
RT: 12.830 min Scan# 4042  
Delta R.T. 0.000 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

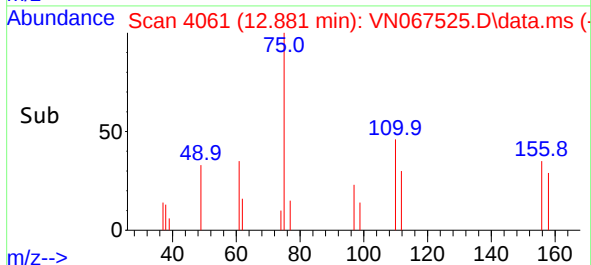
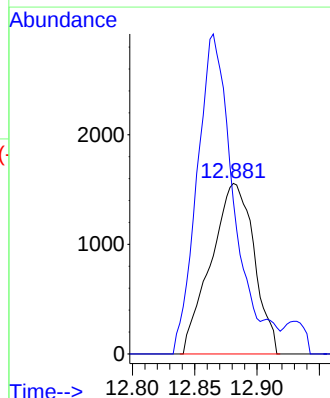
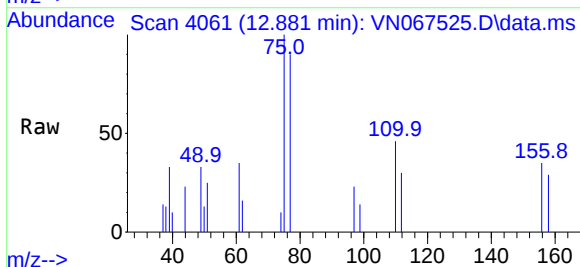
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MSVOA\_N  
ClientSampleId :  
VSTDIC001

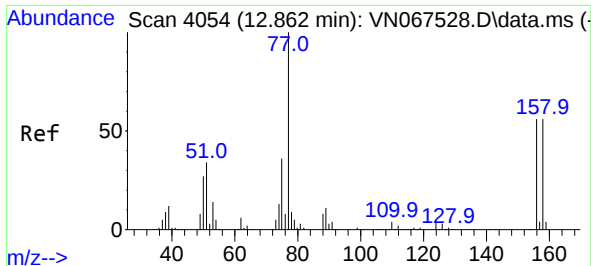
Tgt Ion: 83 Resp: 3443  
Ion Ratio Lower Upper  
83 100  
131 0.7 4.8 14.4#  
85 58.8 32.2 96.6



#76  
1,2,3-Trichloropropane  
Concen: 0.949 ug/l  
RT: 12.881 min Scan# 4061  
Delta R.T. 0.000 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Tgt Ion: 75 Resp: 3745  
Ion Ratio Lower Upper  
75 100  
77 153.9 0.0 0.0#

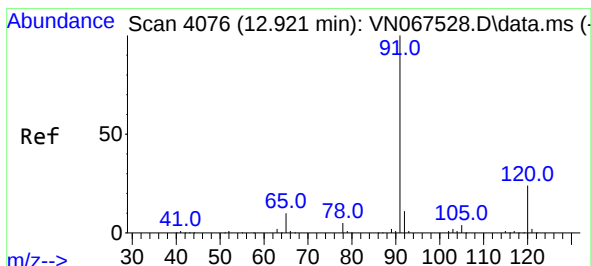
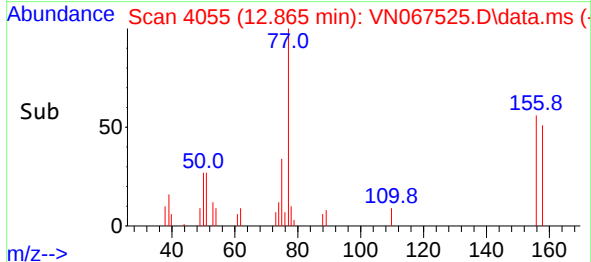
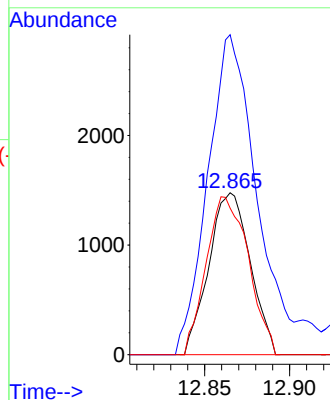
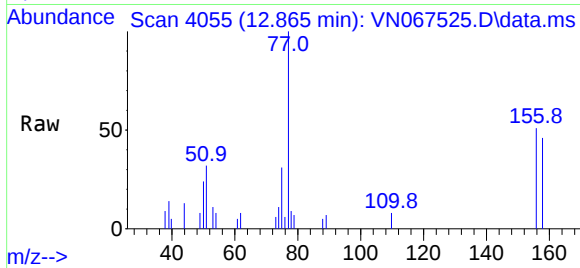




#77  
Bromobenzene  
Concen: 0.950 ug/l  
RT: 12.865 min Scan# 4055  
Delta R.T. 0.003 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

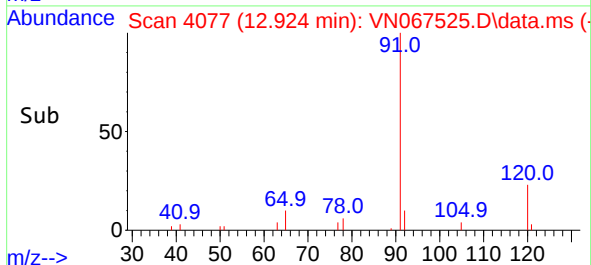
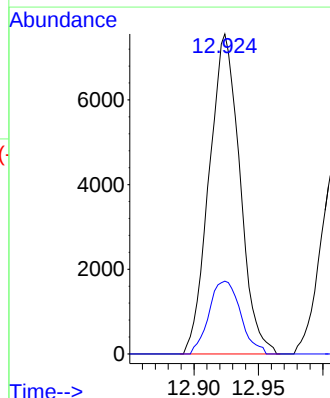
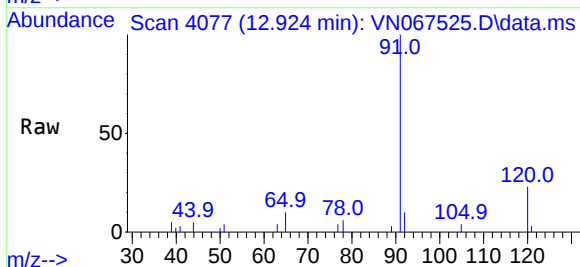
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

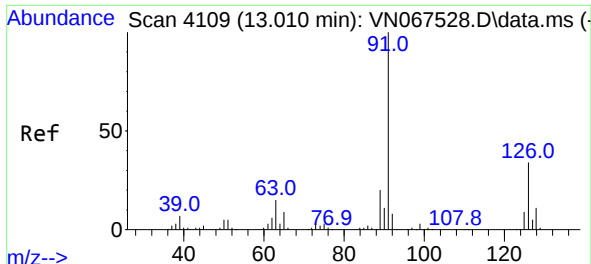
Tgt Ion:156 Resp: 2501  
Ion Ratio Lower Upper  
156 100  
77 230.5 136.2 408.6  
158 99.5 48.4 145.3



#78  
n-propylbenzene  
Concen: 0.742 ug/l  
RT: 12.924 min Scan# 4077  
Delta R.T. 0.003 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Tgt Ion: 91 Resp: 12520  
Ion Ratio Lower Upper  
91 100  
120 23.3 10.4 31.4

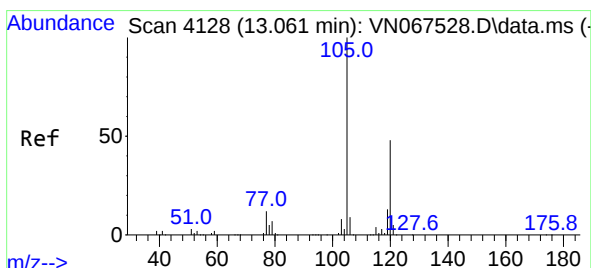
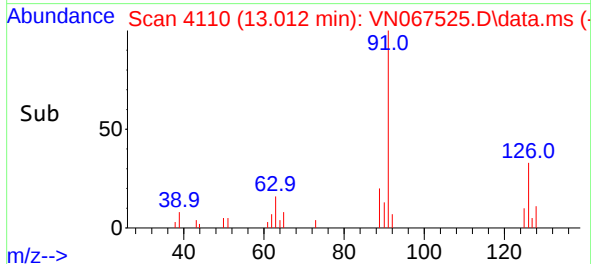
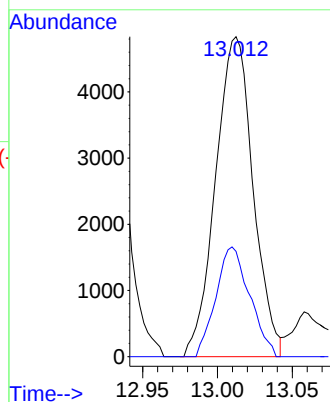
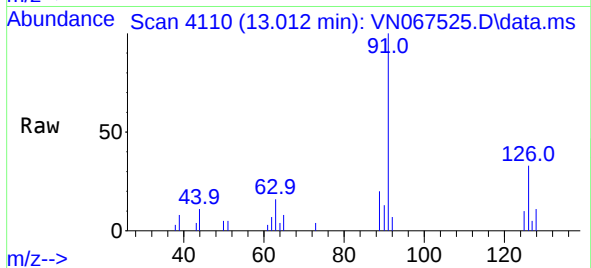




#79  
2-Chlorotoluene  
Concen: 0.832 ug/l  
RT: 13.012 min Scan# 4110  
Delta R.T. 0.003 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

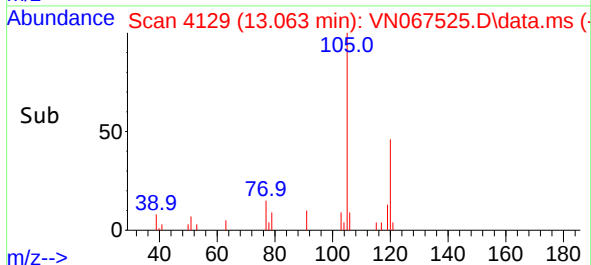
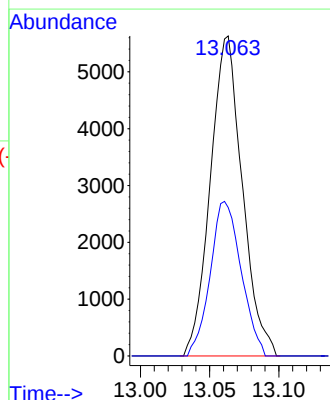
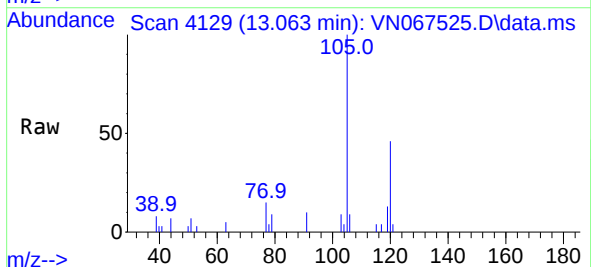
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

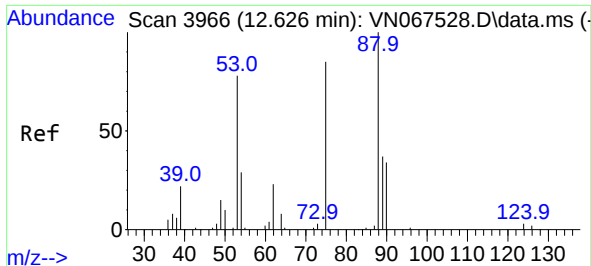
Tgt Ion: 91 Resp: 8448  
Ion Ratio Lower Upper  
91 100  
126 30.9 14.5 43.5



#80  
1,3,5-Trimethylbenzene  
Concen: 0.796 ug/l  
RT: 13.063 min Scan# 4129  
Delta R.T. 0.003 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Tgt Ion: 105 Resp: 9033  
Ion Ratio Lower Upper  
105 100  
120 46.7 22.2 66.6

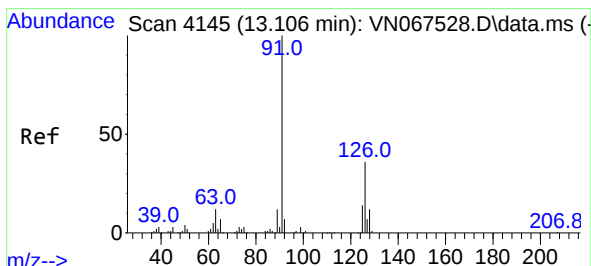
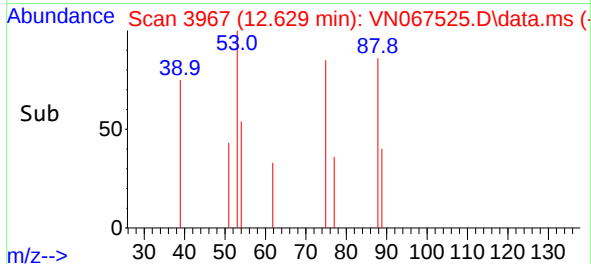
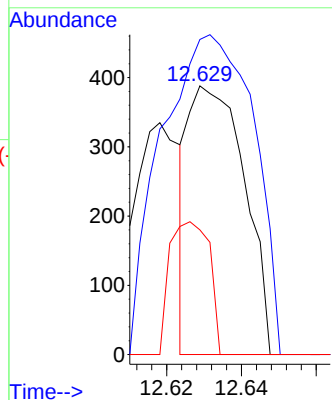
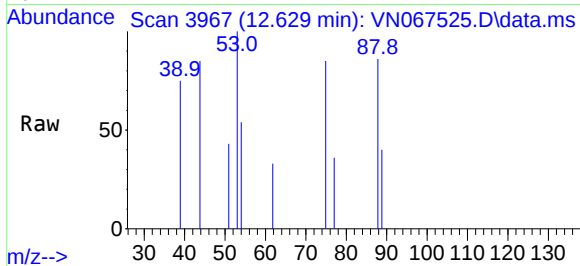




#81  
trans-1,4-Dichloro-2-butene  
Concen: 0.286 ug/l  
RT: 12.629 min Scan# 3967  
Delta R.T. 0.003 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

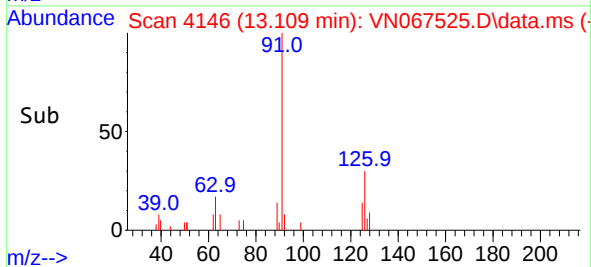
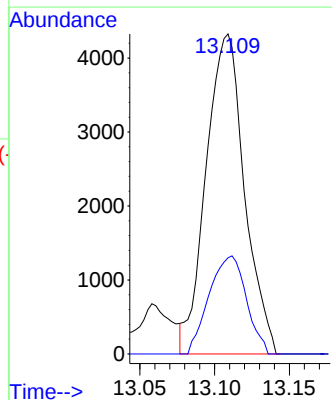
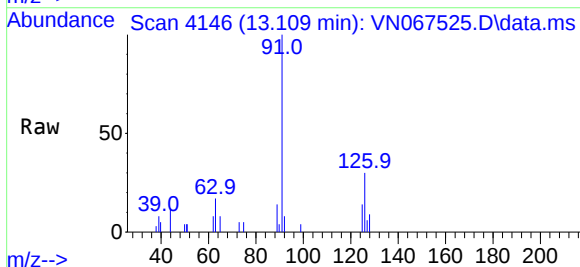
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

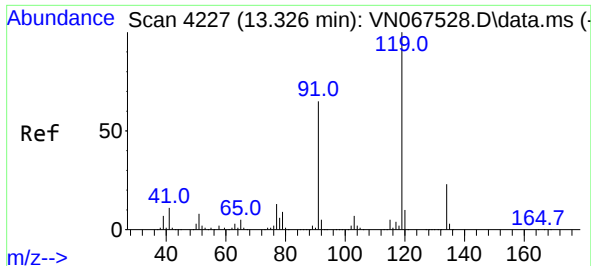
Tgt Ion: 75 Resp: 402  
Ion Ratio Lower Upper  
75 100  
53 196.5 87.6 131.4#  
89 35.3 37.8 56.8#



#82  
4-Chlorotoluene  
Concen: 0.775 ug/l  
RT: 13.109 min Scan# 4146  
Delta R.T. 0.003 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Tgt Ion: 91 Resp: 7732  
Ion Ratio Lower Upper  
91 100  
126 29.7 14.8 44.4

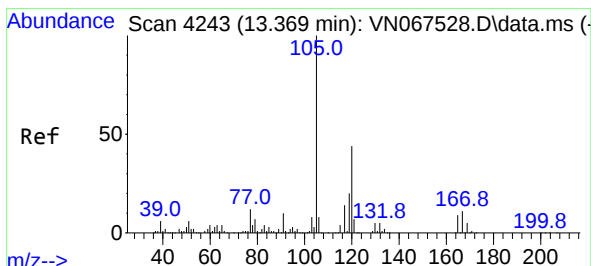
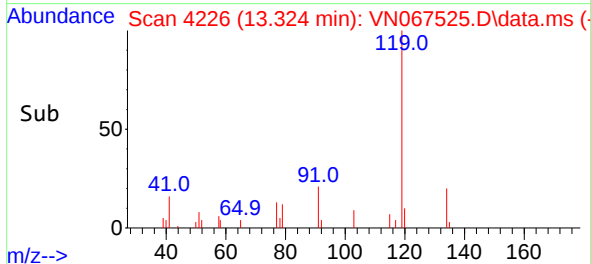
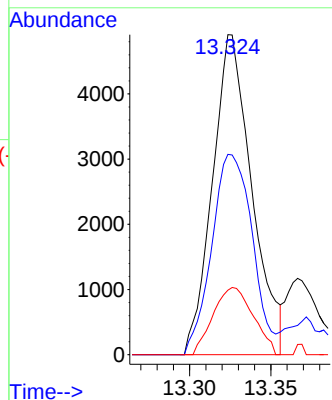
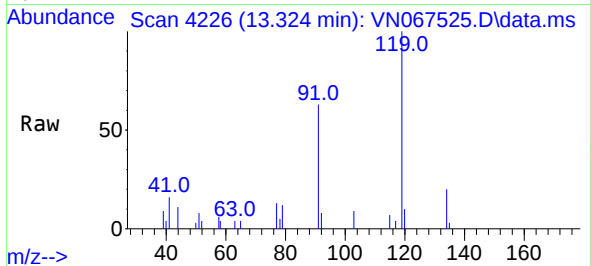




#83  
tert-Butylbenzene  
Concen: 0.908 ug/l  
RT: 13.324 min Scan# 4226  
Delta R.T. -0.003 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

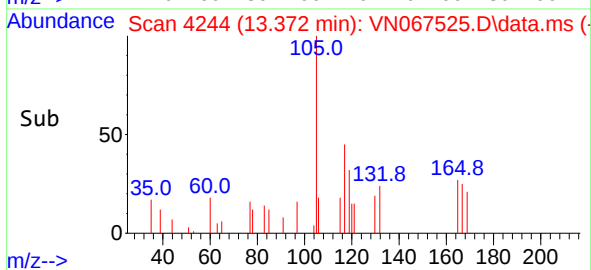
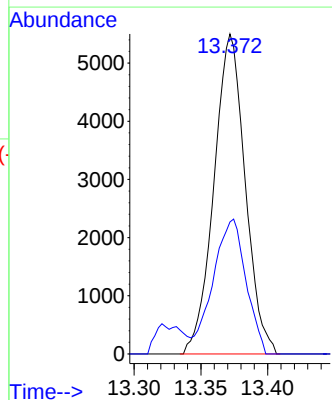
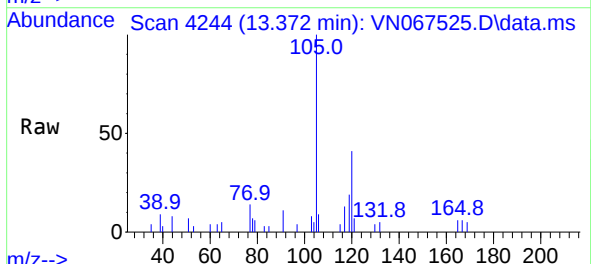
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

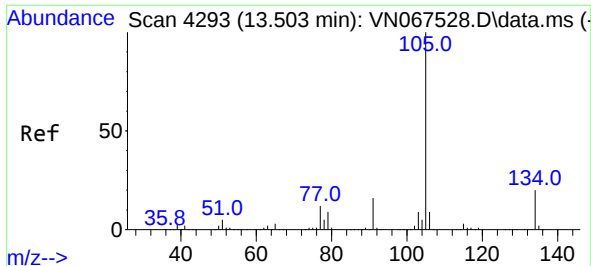
Tgt Ion:119 Resp: 8256  
Ion Ratio Lower Upper  
119 100  
91 64.6 39.5 118.5  
134 21.5 12.0 36.0



#84  
1,2,4-Trimethylbenzene  
Concen: 0.800 ug/l  
RT: 13.372 min Scan# 4244  
Delta R.T. 0.003 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Tgt Ion:105 Resp: 8932  
Ion Ratio Lower Upper  
105 100  
120 44.4 20.6 61.8

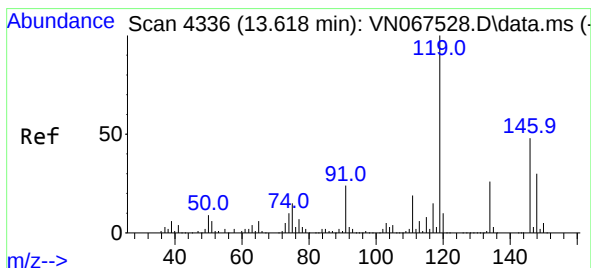
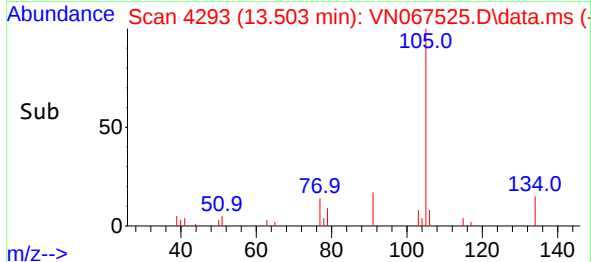
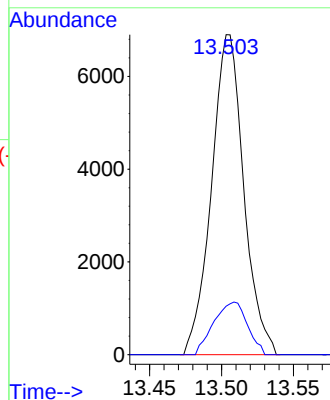
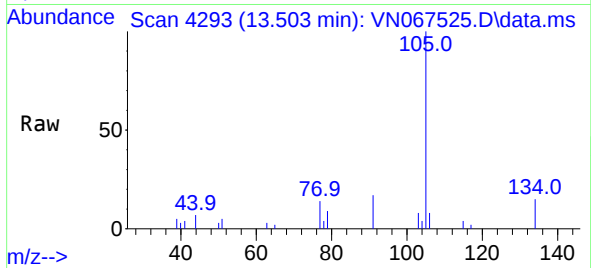




#85  
 sec-Butylbenzene  
 Concen: 0.801 ug/l  
 RT: 13.503 min Scan# 4293  
 Delta R.T. 0.000 min  
 Lab File: VN067525.D  
 Acq: 28 Jun 2021 11:49

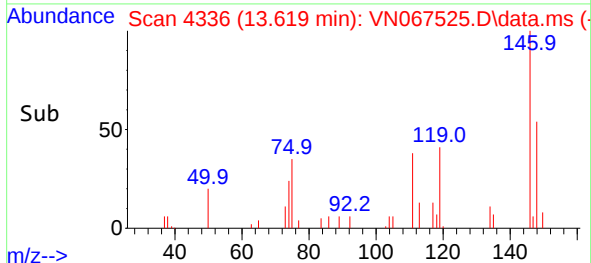
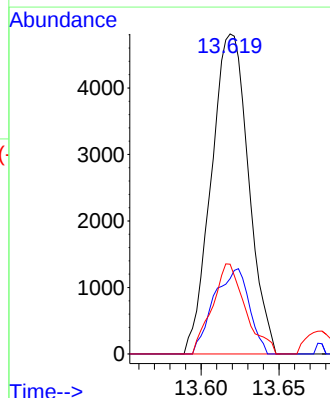
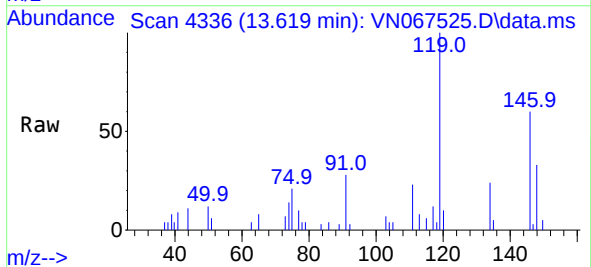
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

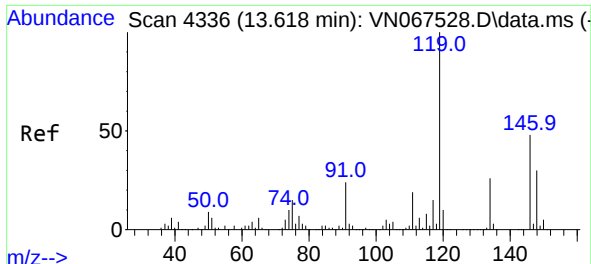
Tgt Ion:105 Resp: 10760  
 Ion Ratio Lower Upper  
 105 100  
 134 17.2 9.0 27.1



#86  
 p-Isopropyltoluene  
 Concen: 0.787 ug/l  
 RT: 13.619 min Scan# 4336  
 Delta R.T. 0.000 min  
 Lab File: VN067525.D  
 Acq: 28 Jun 2021 11:49

Tgt Ion:119 Resp: 7994  
 Ion Ratio Lower Upper  
 119 100  
 134 25.3 12.4 37.4  
 91 25.1 14.8 44.3



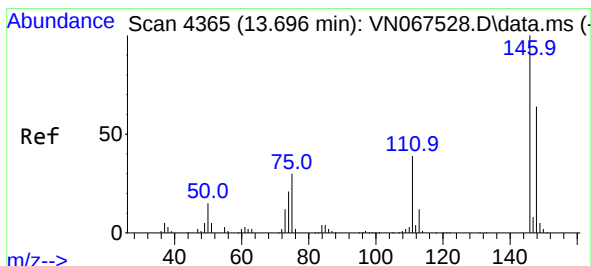
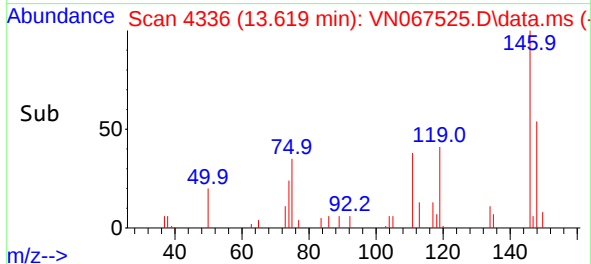
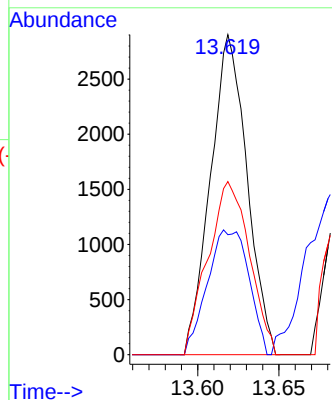
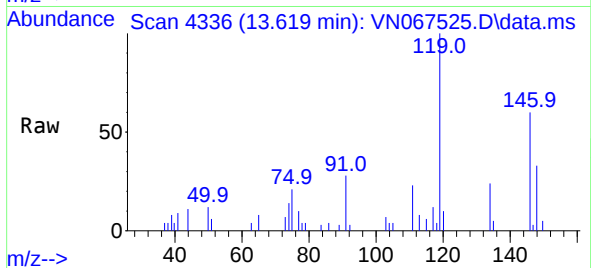


#87

1,3-Dichlorobenzene  
Concen: 0.943 ug/l  
RT: 13.619 min Scan# 4336  
Delta R.T. 0.000 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

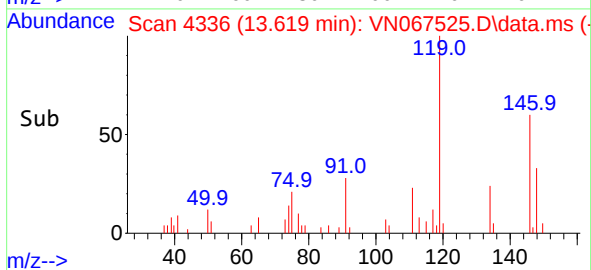
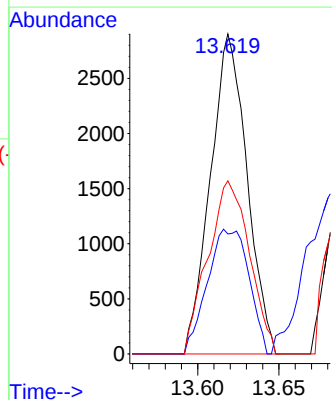
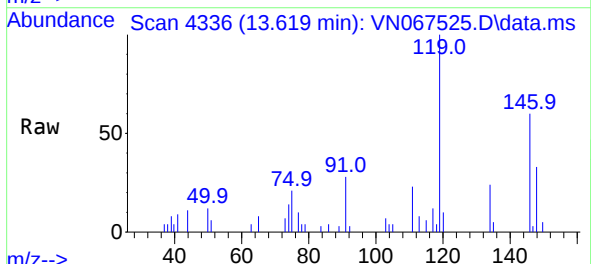
Tgt Ion:146 Resp: 4545  
Ion Ratio Lower Upper  
146 100  
111 44.1 24.3 72.8  
148 61.5 32.0 96.0

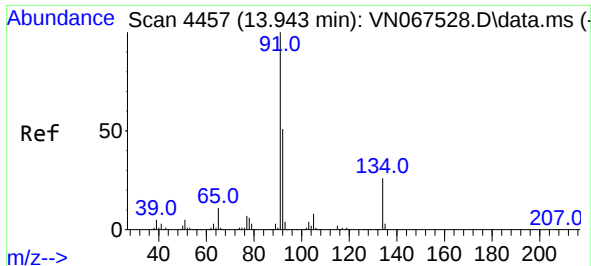


#88

1,4-Dichlorobenzene  
Concen: 0.948 ug/l  
RT: 13.619 min Scan# 4336  
Delta R.T. -0.078 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Tgt Ion:146 Resp: 4545  
Ion Ratio Lower Upper  
146 100  
111 44.1 23.4 70.2  
148 61.5 31.8 95.3



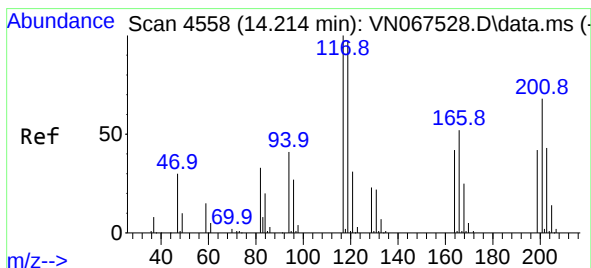
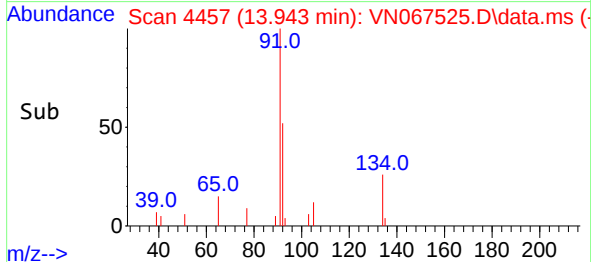
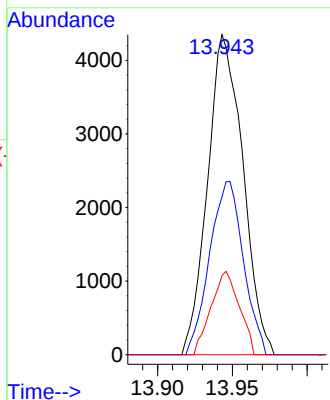
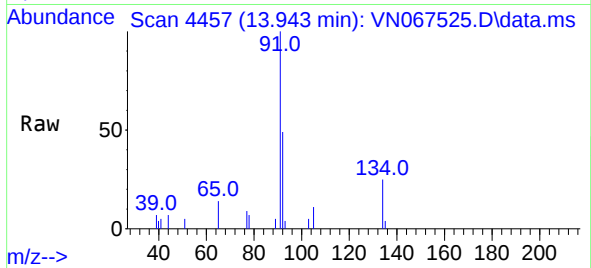


#89  
n-Butylbenzene  
Concen: 0.727 ug/l  
RT: 13.943 min Scan# 4457  
Delta R.T. 0.000 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tgt Ion: 91 Resp: 7148

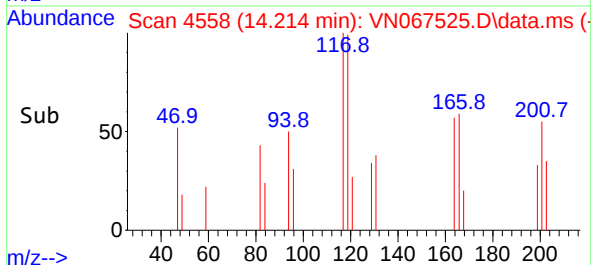
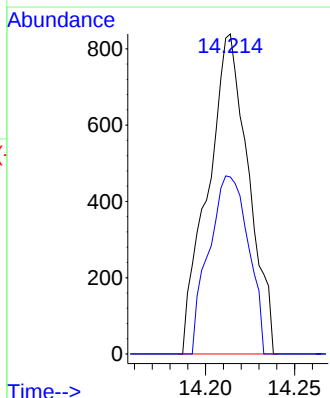
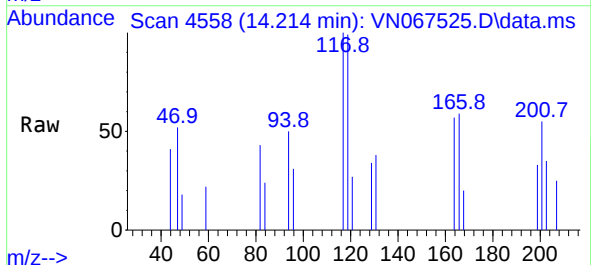
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 51.7  | 25.7  | 77.1  |
| 134 | 20.8  | 11.2  | 33.6  |

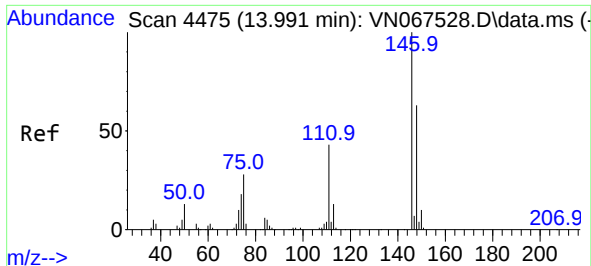


#90  
Hexachloroethane  
Concen: 0.700 ug/l  
RT: 14.214 min Scan# 4558  
Delta R.T. 0.000 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Tgt Ion: 117 Resp: 1331

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 54.1  | 33.5  | 100.5 |

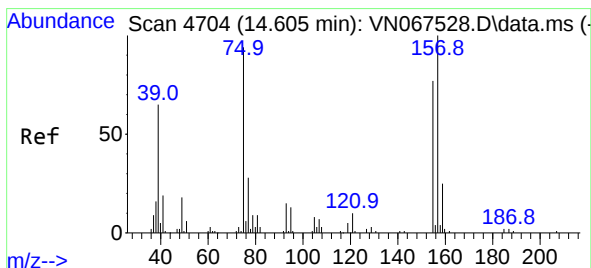
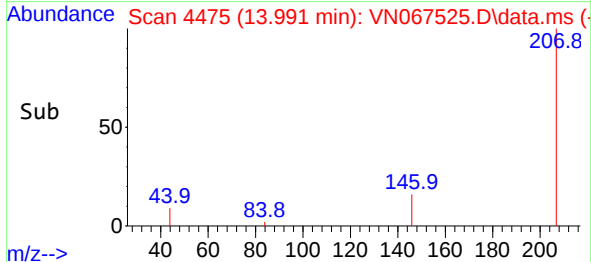
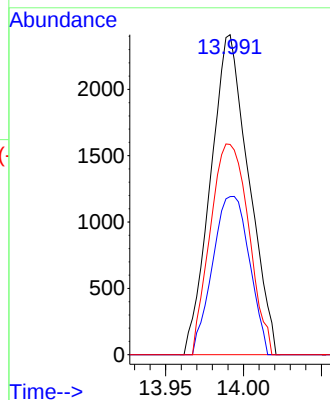
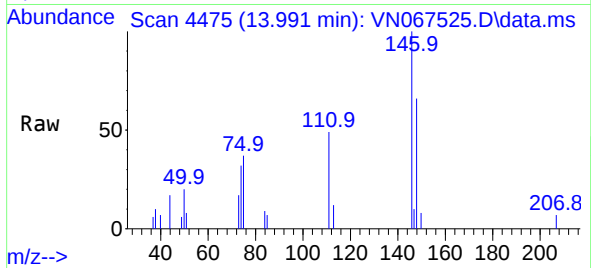




#91  
1,2-Dichlorobenzene  
Concen: 0.878 ug/l  
RT: 13.991 min Scan# 4475  
Delta R.T. 0.000 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

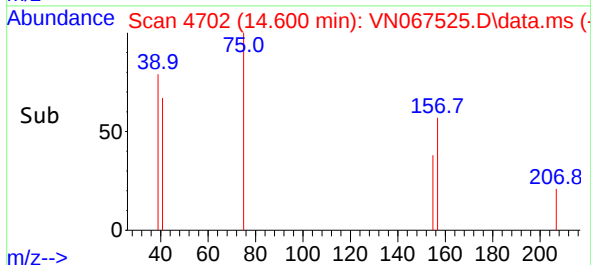
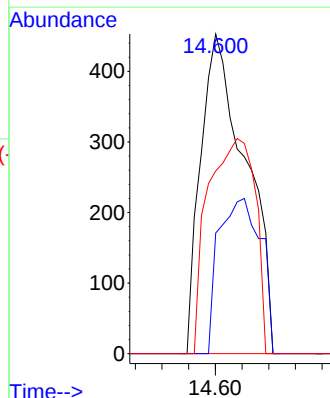
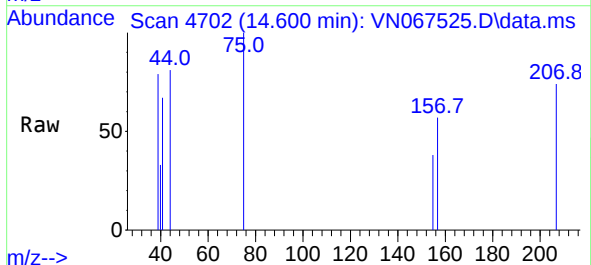
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

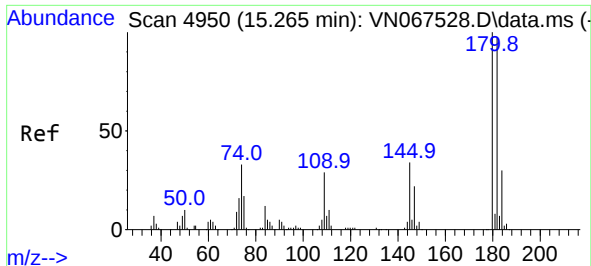
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 4099  |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 47.8  | 24.9  | 74.6  |
| 148      | 66.5  | 31.6  | 95.0  |



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.679 ug/l  
RT: 14.600 min Scan# 4702  
Delta R.T. -0.005 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 531   |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 155      | 45.2  | 29.8  | 89.5  |
| 157      | 70.4  | 37.6  | 112.8 |

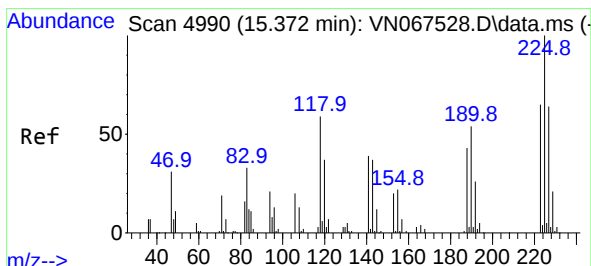
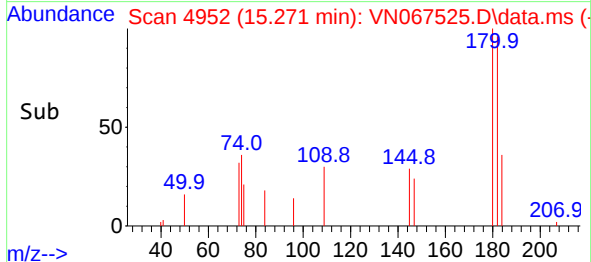
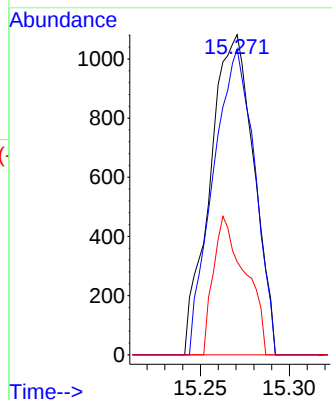
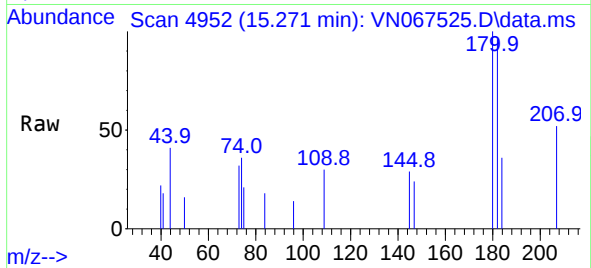




#93  
1,2,4-Trichlorobenzene  
Concen: 0.888 ug/l  
RT: 15.271 min Scan# 4952  
Delta R.T. 0.005 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

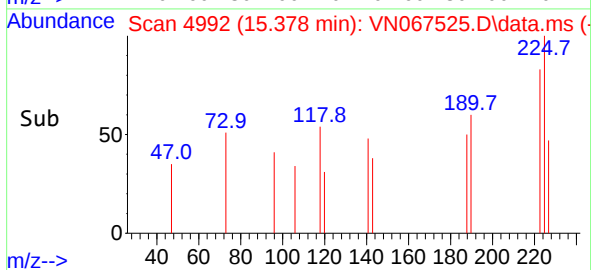
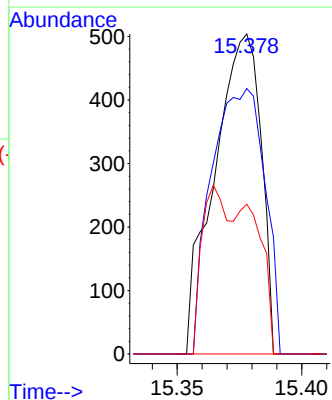
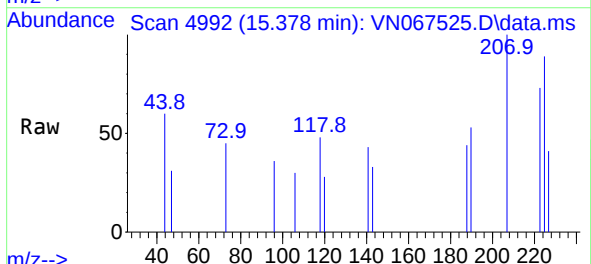
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

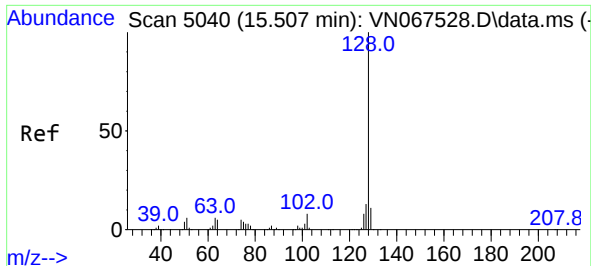
Tgt Ion:180 Resp: 1846  
Ion Ratio Lower Upper  
180 100  
182 90.9 47.5 142.5  
145 31.6 17.2 51.6



#94  
Hexachlorobutadiene  
Concen: 0.628 ug/l  
RT: 15.378 min Scan# 4992  
Delta R.T. 0.005 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Tgt Ion:225 Resp: 657  
Ion Ratio Lower Upper  
225 100  
223 94.5 31.4 94.0#  
227 32.7 31.2 93.6

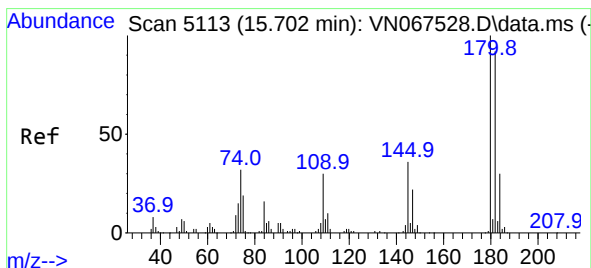
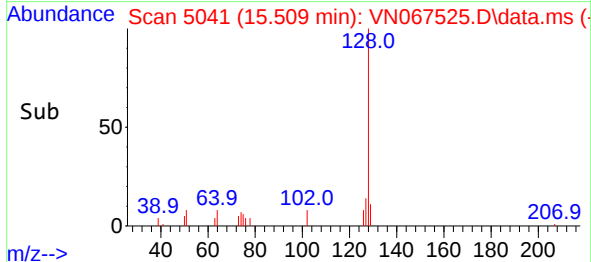
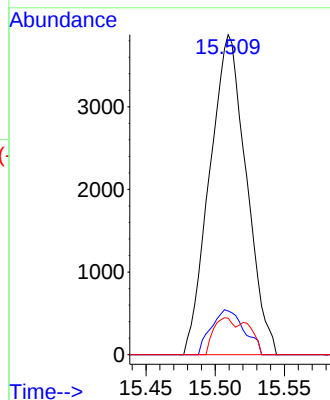
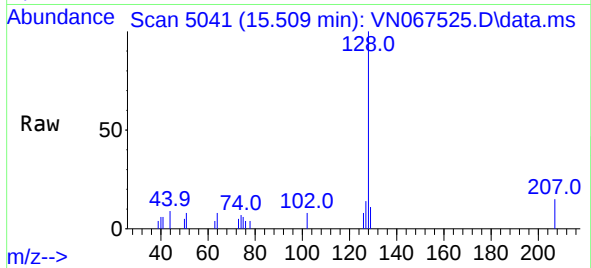




#95  
Naphthalene  
Concen: 1.115 ug/l  
RT: 15.509 min Scan# 5041  
Delta R.T. 0.003 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 7116  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 12.6  | 10.6  | 15.8  |
| 129      | 6.6   | 8.6   | 12.8# |



#96  
1,2,3-Trichlorobenzene  
Concen: 1.025 ug/l  
RT: 15.705 min Scan# 5114  
Delta R.T. 0.003 min  
Lab File: VN067525.D  
Acq: 28 Jun 2021 11:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 1970  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 97.8  | 47.8  | 143.3 |
| 145      | 32.0  | 18.2  | 54.6  |

